

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006957.D
 Acq On : 19 Nov 2018 21:50
 Operator : SY/AP
 Sample : J5981-04MSD
 Misc : 3.95G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Manual Integrations
 APPROVED

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 11/20/2018 4:50:10 PM

Quant Time: Nov 20 05:55:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	151349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39125	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43960	38.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.52%	
35) Dibromofluoromethane	7.89	113	41927	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	10.33	98	187007	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.62	95	54357	36.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50599	51.257	ug/l	98
3) Chloromethane	2.21	50	40674	45.770	ug/l	99
4) Vinyl Chloride	2.35	62	33418	39.670	ug/l	97
5) Bromomethane	2.78	94	20714	45.777	ug/l	97
6) Chloroethane	2.92	64	20767	44.764	ug/l	94
7) Trichlorofluoromethane	3.26	101	83129	50.702	ug/l	99
8) Diethyl Ether	3.69	74	27783	46.827	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50143	47.358	ug/l	98
10) Methyl Iodide	4.28	142	49098	38.339	ug/l	99
11) Tert butyl alcohol	5.21	59	17829	203.950	ug/l	96
12) 1,1-Dichloroethene	4.04	96	36673	38.605	ug/l	95
13) Acrolein	3.90	56	15276	192.716	ug/l	96
14) Allyl chloride	4.67	41	58452	34.977	ug/l	98
15) Acrylonitrile	5.38	53	52008	225.224	ug/l	97
16) Acetone	4.14	43	45981	261.610	ug/l	96
17) Carbon Disulfide	4.38	76	55531	18.478	ug/l	98
18) Methyl Acetate	4.68	43	30334	47.161	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	142365	51.122	ug/l	97
20) Methylene Chloride	4.92	84	51402	41.919	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	27796	24.529	ug/l	97
22) Diisopropyl ether	6.32	45	171009	50.134	ug/l	99
23) Vinyl Acetate	6.26	43	385695	204.192	ug/l	100
24) 1,1-Dichloroethane	6.22	63	92935	47.316	ug/l	99
25) 2-Butanone	7.18	43	72908	249.770	ug/l	100
26) 2,2-Dichloropropane	7.17	77	84199	49.130	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	41713	33.108	ug/l	95
28) Bromochloromethane	7.51	49	24609	34.113	ug/l #	98
29) Tetrahydrofuran	7.54	42	46141	243.064	ug/l	100
30) Chloroform	7.68	83	94446	43.860	ug/l	99
31) Cyclohexane	7.96	56	79076	40.186	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	93067	50.203	ug/l	99
36) 1,1-Dichloropropene	8.09	75	56382	39.104	ug/l	99
37) Ethyl Acetate	7.26	43	30187	49.241	ug/l	97
38) Carbon Tetrachloride	8.07	117	77259	54.523	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62172	34.745	ug/l	99
40) Benzene	8.32	78	221134	54.266	ug/l	98
41) Methacrylonitrile	7.49	41	18806	50.084	ug/l	94
42) 1,2-Dichloroethane	8.40	62	55921	45.841	ug/l	99
43) Isopropyl Acetate	8.43	43	62970	53.532	ug/l	99
44) Trichloroethene	9.09	130	41731	38.087	ug/l	96
45) 1,2-Dichloropropane	9.37	63	56421	54.813	ug/l	100
46) Dibromomethane	9.46	93	19996	38.359	ug/l	95
47) Bromodichloromethane	9.65	83	67980	49.525	ug/l	98
48) Methyl methacrylate	9.44	41	30914	54.462	ug/l	96
49) 1,4-Dioxane	9.48	88	9235	1169.099	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	165458	285.396	ug/l	99
52) Toluene	10.39	92	141497	51.903	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	41328	30.809	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	61271	38.168	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40410	52.575	ug/l	97
56) Ethyl methacrylate	10.65	69	51044	53.415	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63005	48.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	106266	226.196	ug/l	98
59) 2-Hexanone	10.97	43	113112	291.520	ug/l	99
60) Dibromochloromethane	11.13	129	43564	49.703	ug/l	98
61) 1,2-Dibromoethane	11.24	107	29487	41.278	ug/l	99
64) Tetrachloroethene	10.87	164	38686	51.150	ug/l	97
65) Chlorobenzene	11.66	112	129488	52.195	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50283	63.602	ug/l	99
67) Ethyl Benzene	11.73	91	255507	57.125	ug/l	98
68) m/p-Xylenes	11.84	106	200292	114.994	ug/l	100
69) o-Xylene	12.17	106	104881	63.445	ug/l	100
70) Styrene	12.18	104	138667	52.161	ug/l	98
71) Bromoform	12.35	173	22328	60.580	ug/l #	98
73) Isopropylbenzene	12.47	105	241730	78.015	ug/l	100
74) N-amyl acetate	12.27	43	53009	85.482	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	42439	93.114	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31364m	99.753	ug/l	
77) Bromobenzene	12.75	156	46106	70.208	ug/l	100
78) n-propylbenzene	12.81	91	234298	62.929	ug/l	100
79) 2-Chlorotoluene	12.90	91	157570	72.215	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	197215	73.918	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	9561	69.221	ug/l	98
82) 4-Chlorotoluene	12.99	91	135468	58.886	ug/l	98
83) tert-Butylbenzene	13.21	119	158334	69.882	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	199256	74.340	ug/l	99
85) sec-Butylbenzene	13.39	105	174930	54.110	ug/l	99
86) p-Isopropyltoluene	13.51	119	159939	56.606	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	71539	53.273	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	66689	49.830	ug/l	98
89) n-Butylbenzene	13.83	91	101880	38.092	ug/l	98
90) Hexachloroethane	14.10	117	23398	50.796	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	77042	64.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7666	97.196	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23616	31.258	ug/l	96
94) Hexachlorobutadiene	15.24	225	8372	20.978	ug/l	98
95) Naphthalene	15.38	128	1358812	933.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	23237	35.878	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

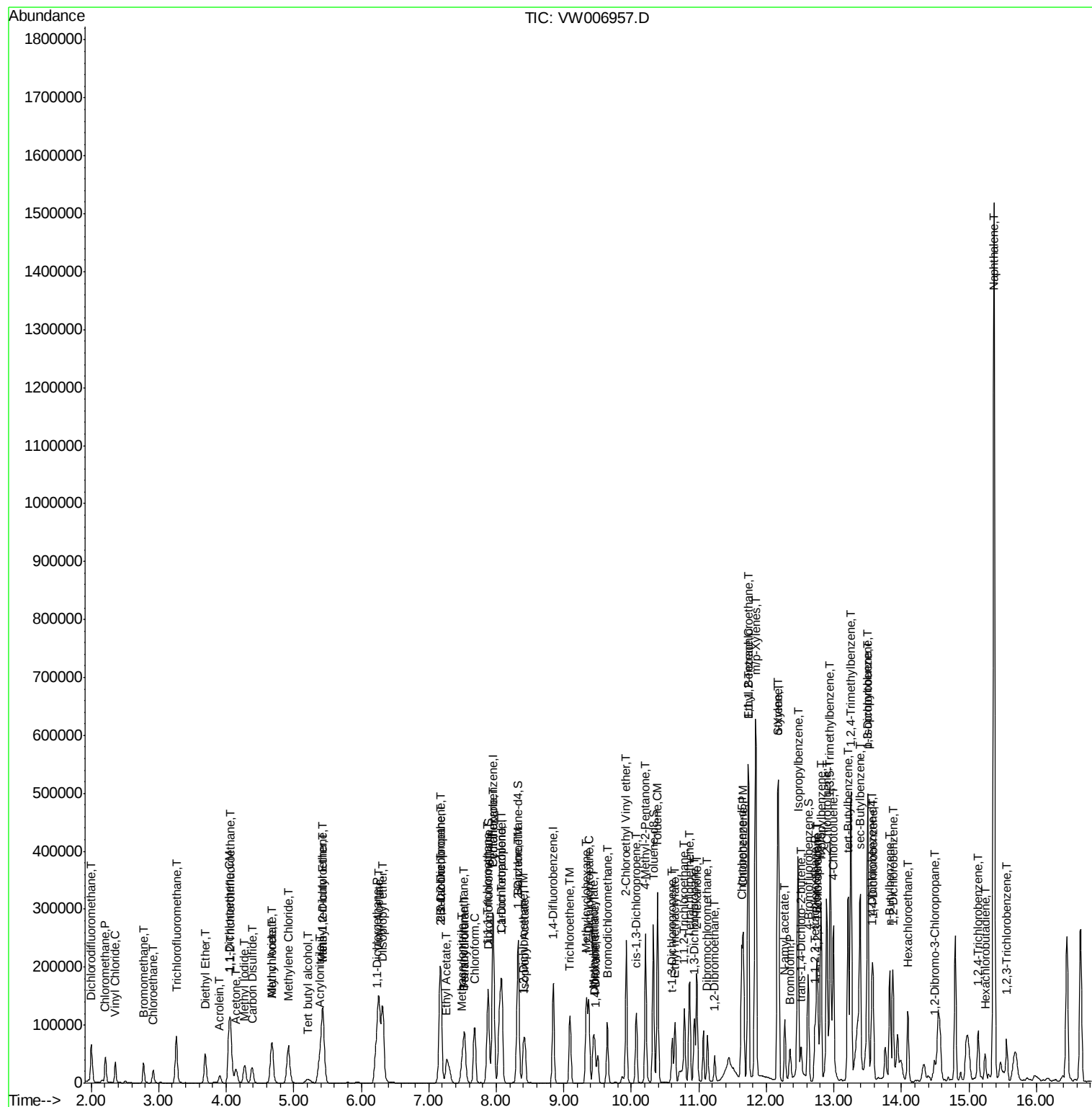
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
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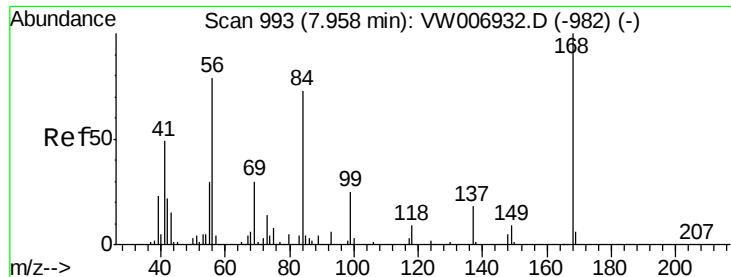
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:168 Resp: 103108

Ion Ratio Lower Upper

168 100

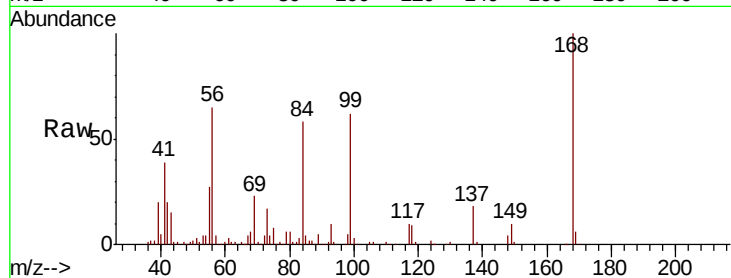
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Manual Integrations

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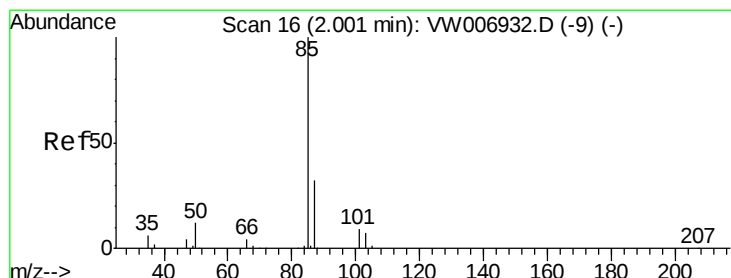
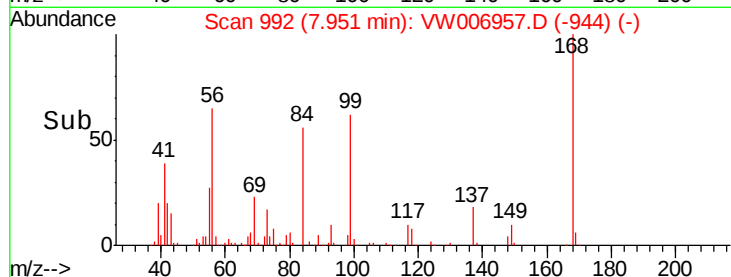
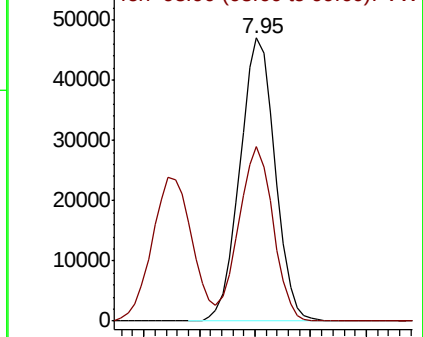
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.257 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006957.D

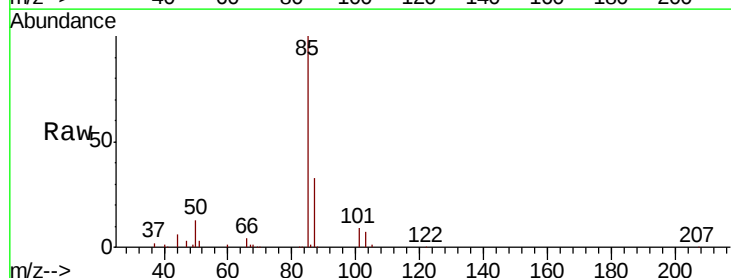
Acq: 19 Nov 2018 21:50

Tgt Ion: 85 Resp: 50599

Ion Ratio Lower Upper

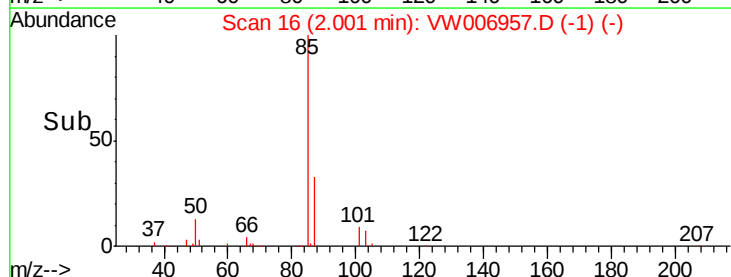
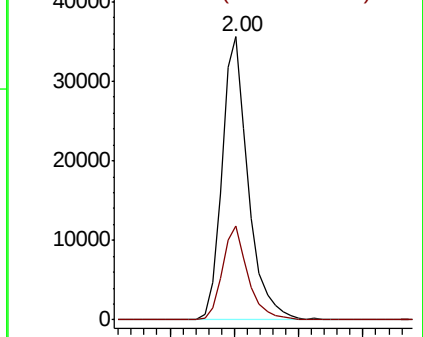
85 100

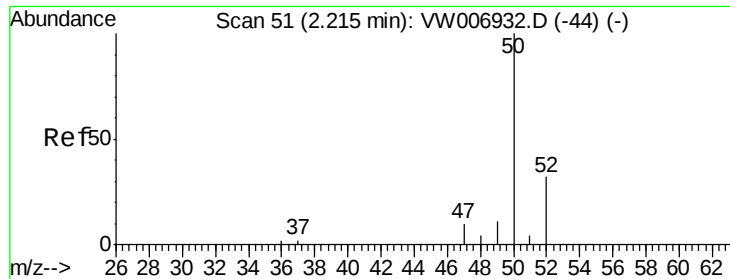
87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.770 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 50 Resp: 40674

Ion Ratio Lower Upper

50 100

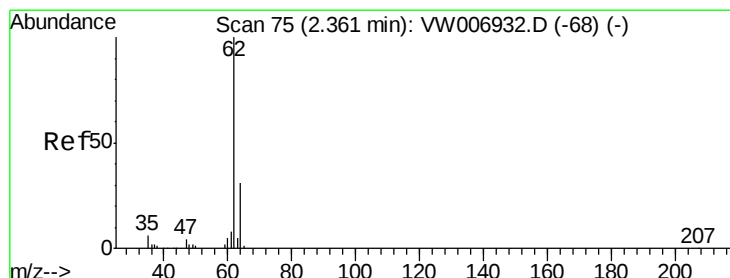
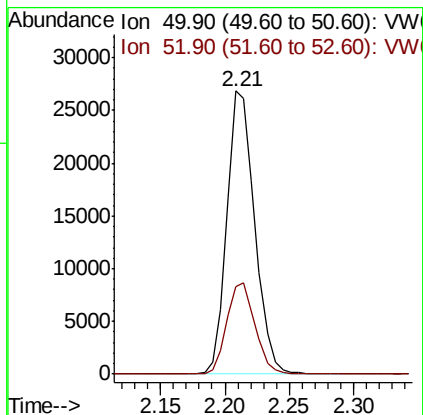
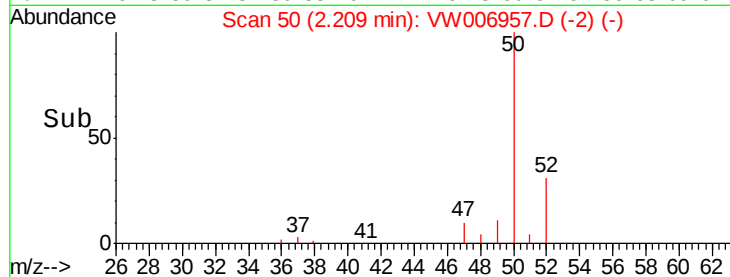
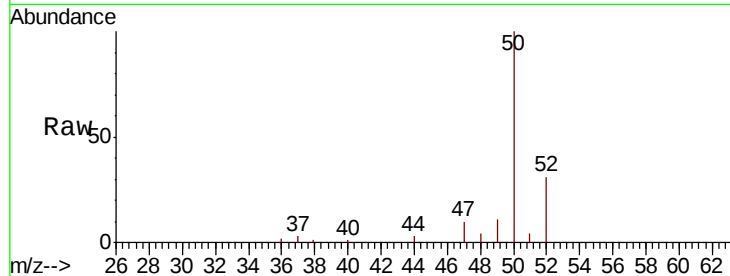
52 31.1 25.4 38.2

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#4

Vinyl Chloride

Concen: 39.670 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006957.D

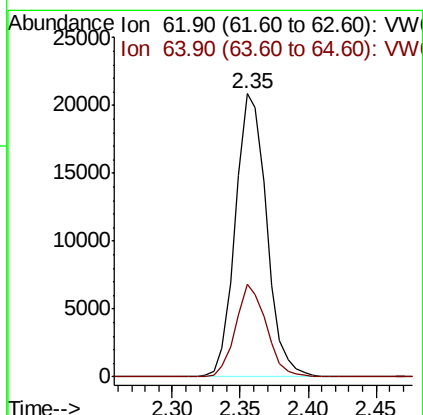
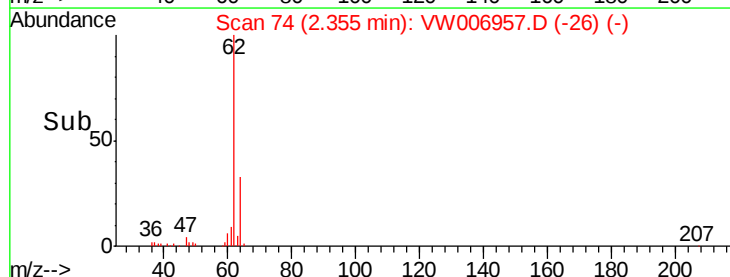
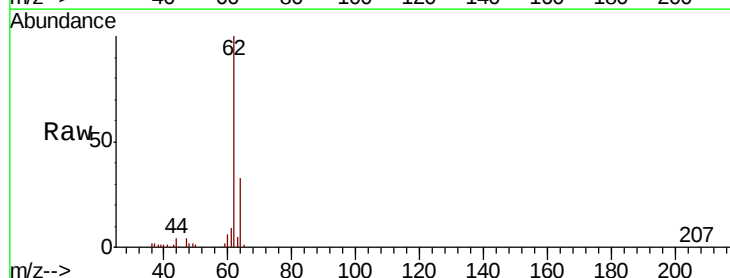
Acq: 19 Nov 2018 21:50

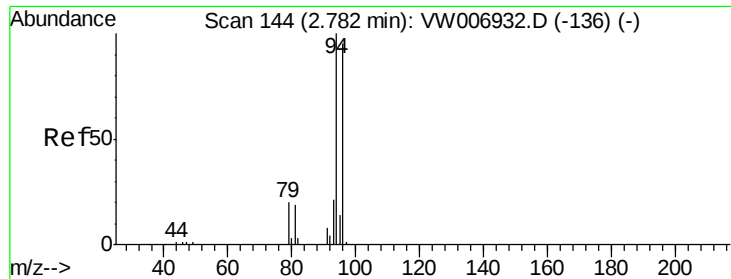
Tgt Ion: 62 Resp: 33418

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0





#5

Bromomethane

Concen: 45.777 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

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ClientSampleId :

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Tot Ion: 94 Resp: 20714

Ion Ratio Lower Upper

94 100

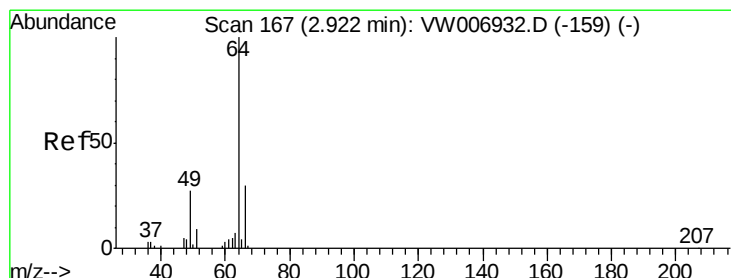
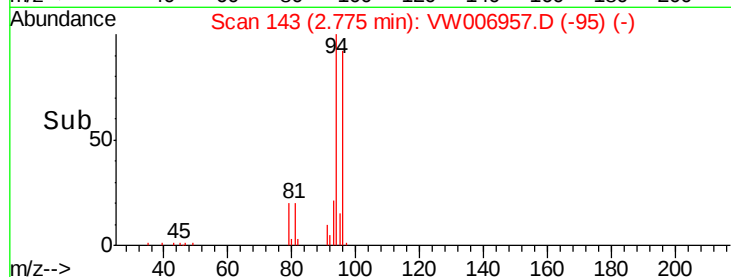
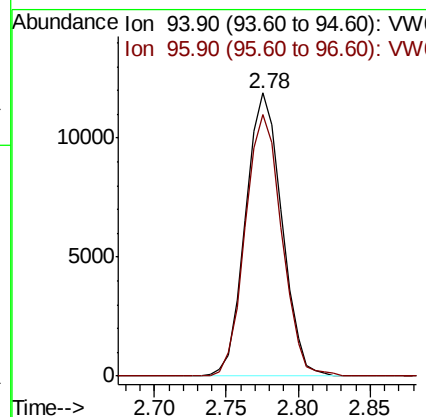
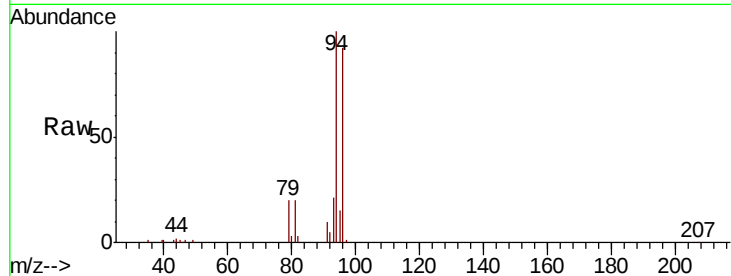
96 92.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 44.764 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006957.D

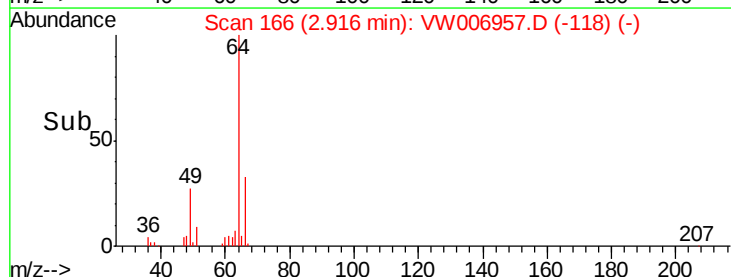
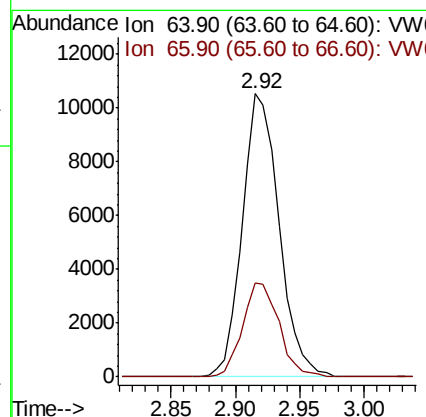
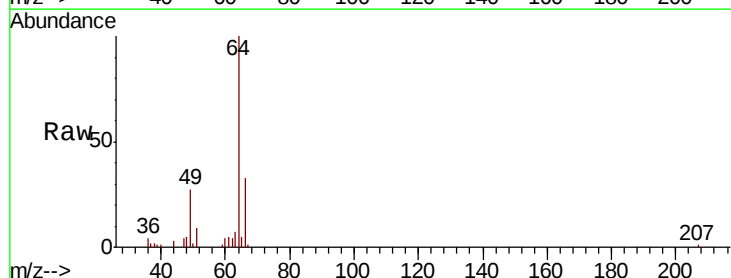
Acq: 19 Nov 2018 21:50

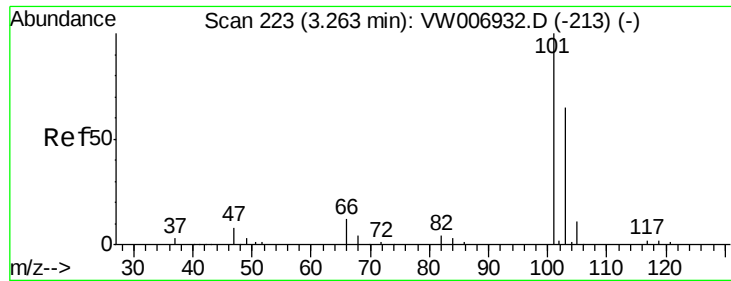
Tgt Ion: 64 Resp: 20767

Ion Ratio Lower Upper

64 100

66 33.1 24.0 36.0





#7

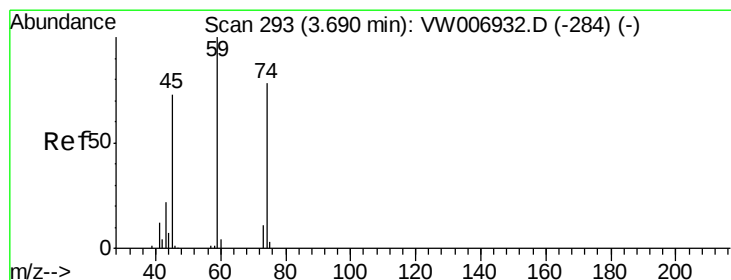
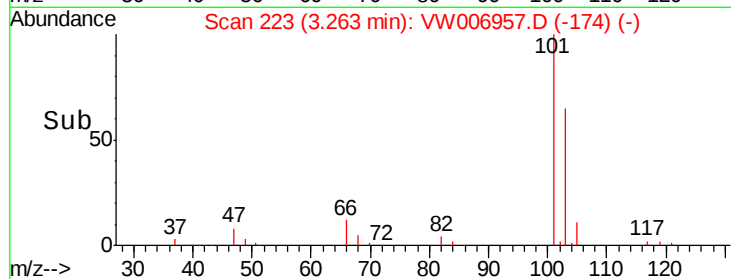
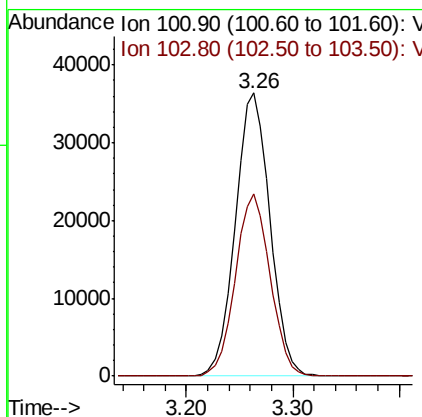
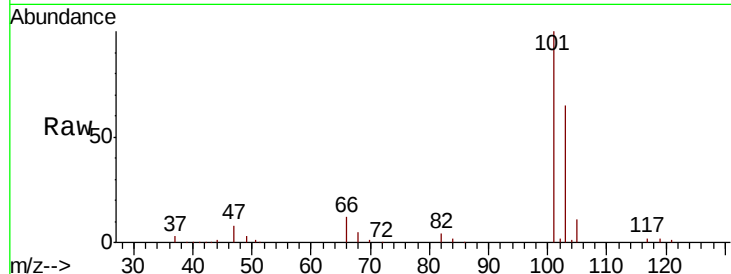
Trichlorofluoromethane
 Concen: 50.702 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006957.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.2	78.2

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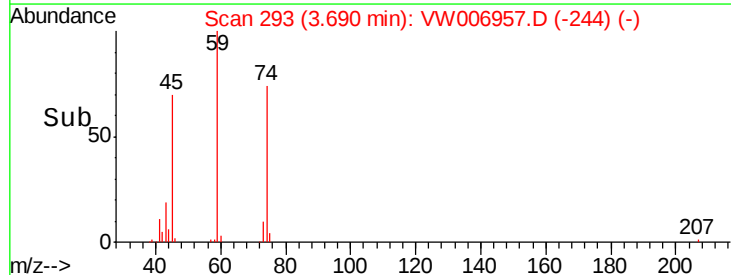
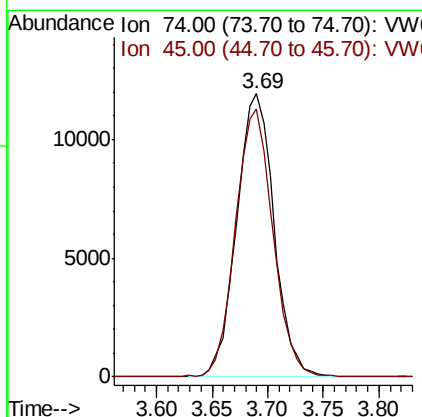
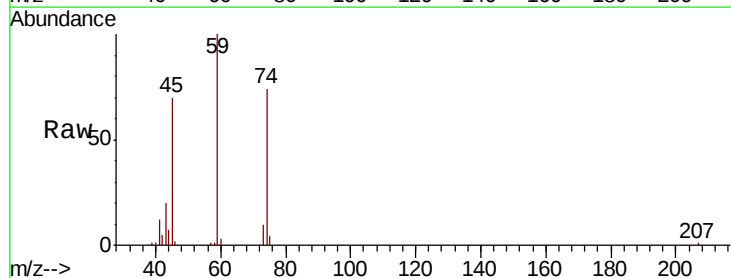
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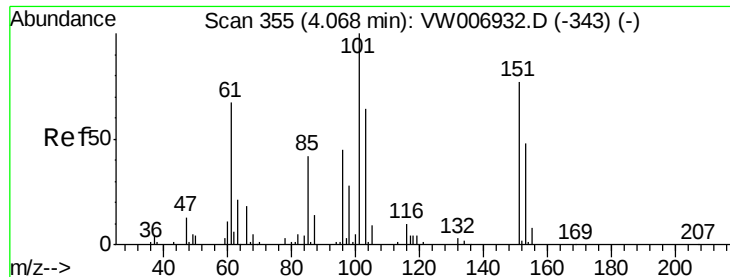


#8

Diethyl Ether
 Concen: 46.827 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.358 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

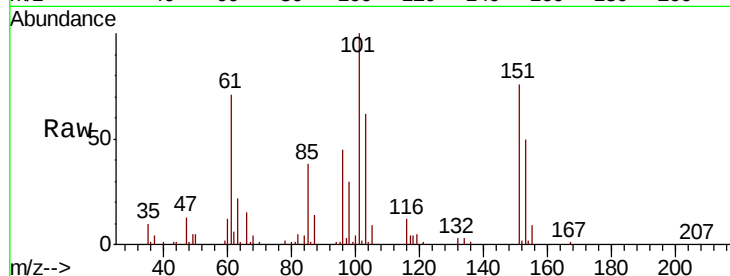
ClientSampleId :

DTW-02(11-13)MSD

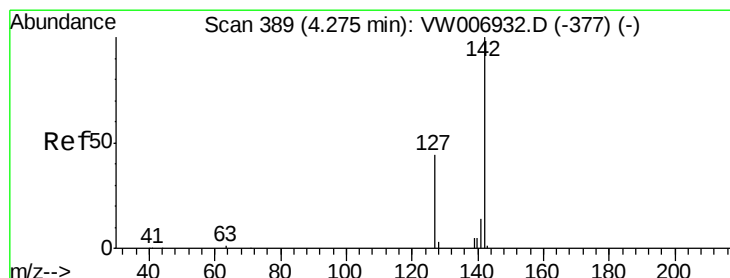
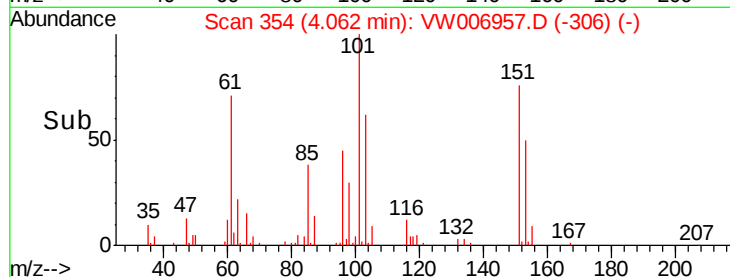
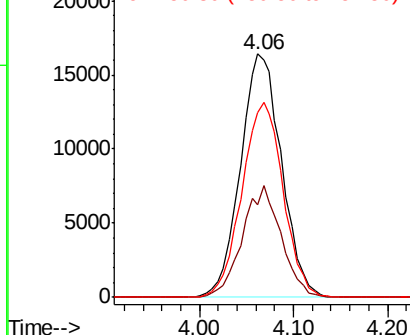
Tot Ion:	101	Resp:	50143
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.5	51.7
151	80.2	61.5	92.3

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.339 ug/l

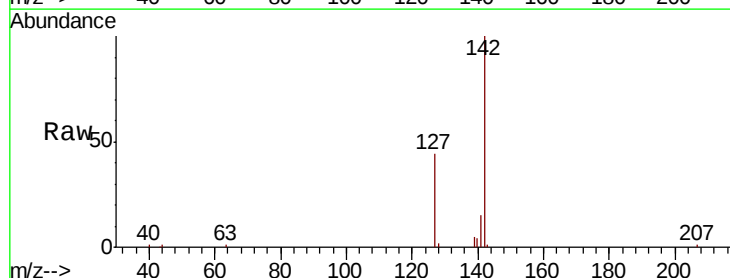
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

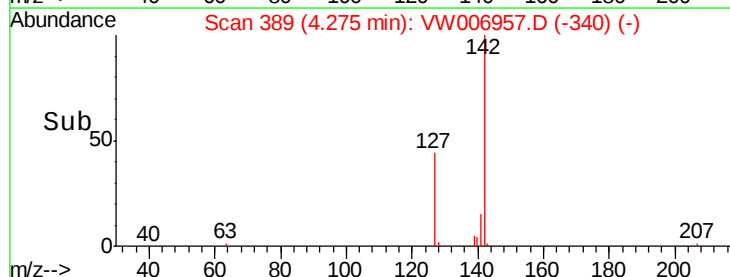
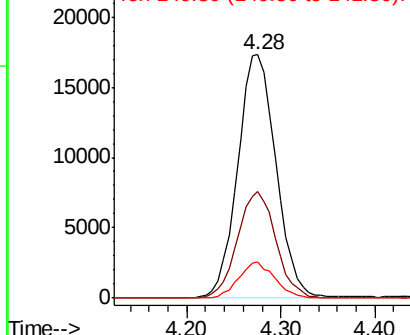
Lab File: VW006957.D

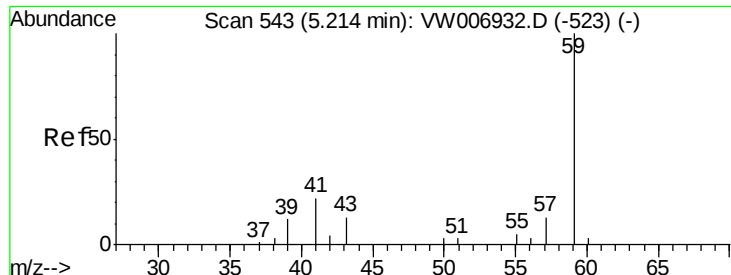
Acq: 19 Nov 2018 21:50

Tgt Ion:	142	Resp:	49098
Ion Ratio	Lower	Upper	
142	100		
127	44.0	34.4	51.6
141	14.0	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





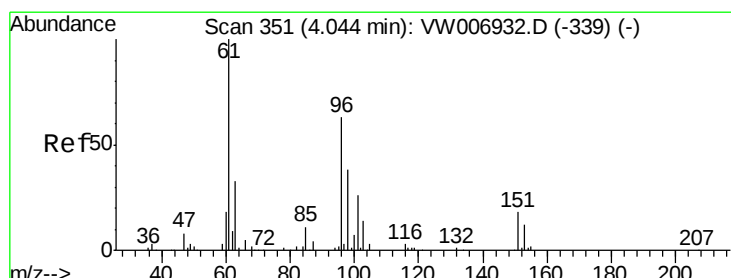
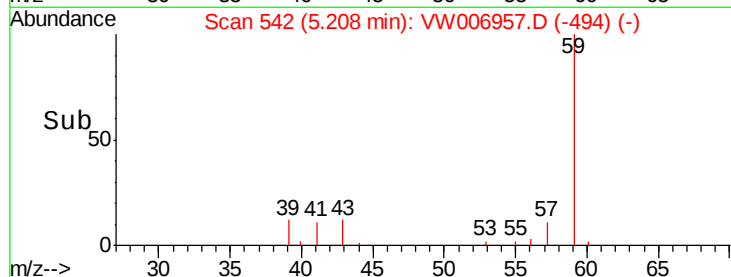
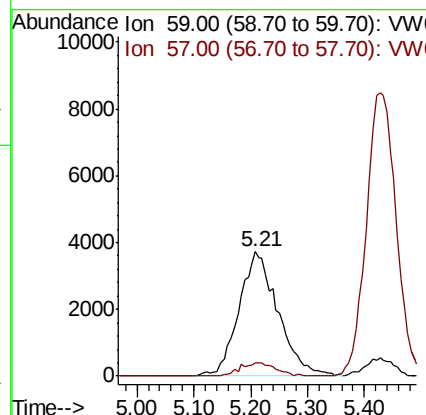
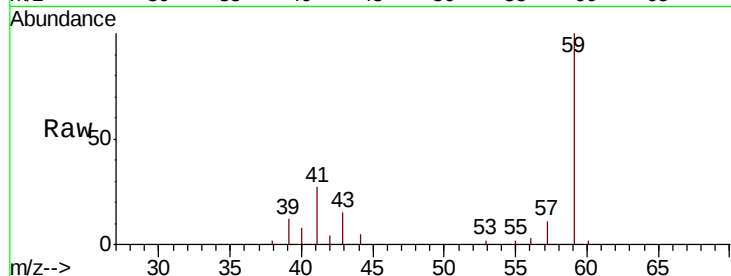
#11
Tert butyl alcohol
Concen: 203.950 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.8	13.2

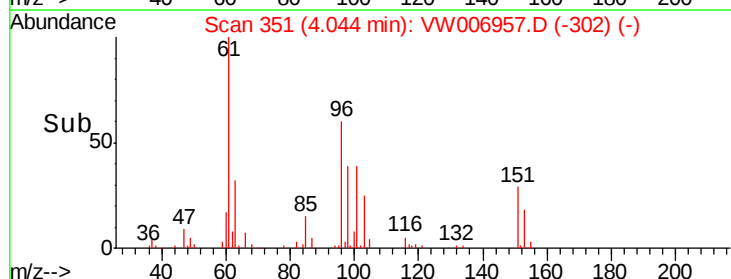
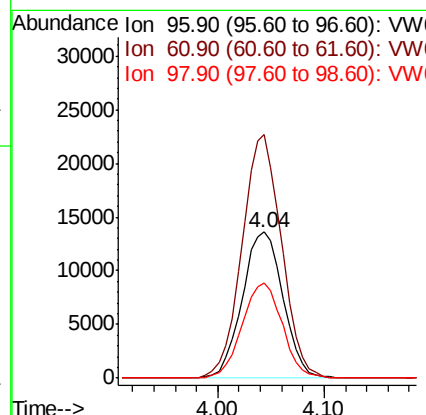
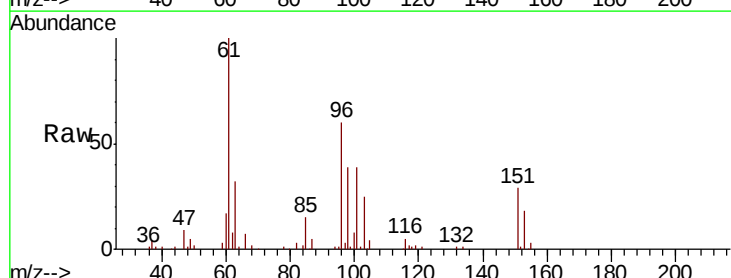
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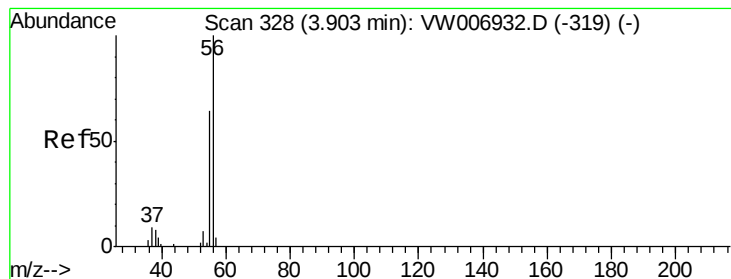
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#12
1,1-Dichloroethene
Concen: 38.605 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	127.8	191.8
98	64.9	48.3	72.5





#13

Acrolein

Concen: 192.716 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 56 Resp: 15276

Ion Ratio Lower Upper

56 100

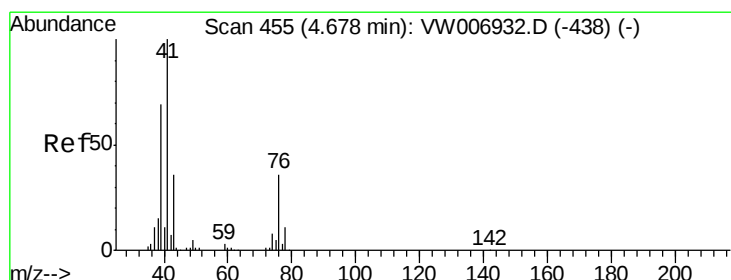
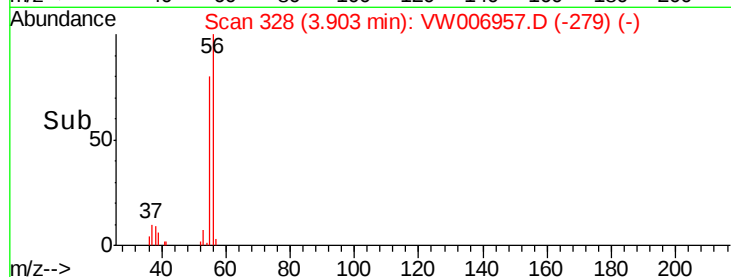
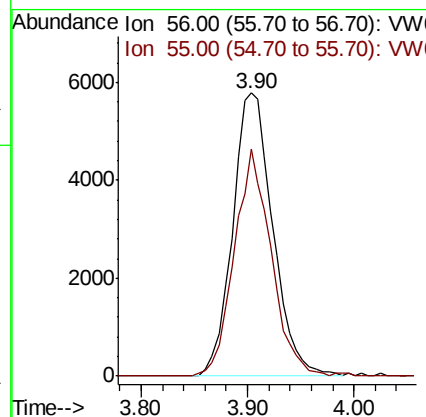
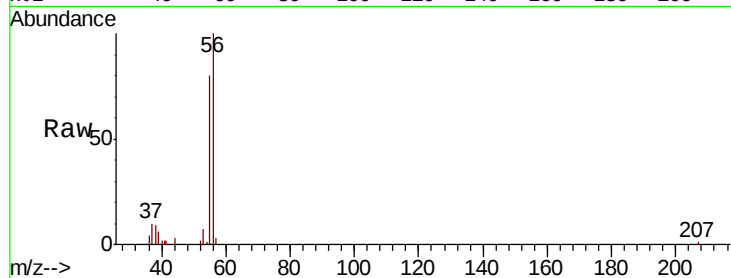
55 73.6 56.5 84.7

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#14

Allyl chloride

Concen: 34.977 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

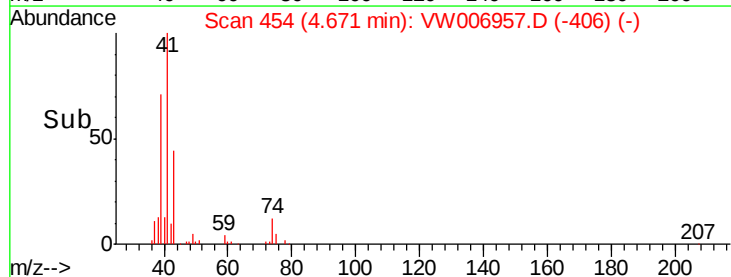
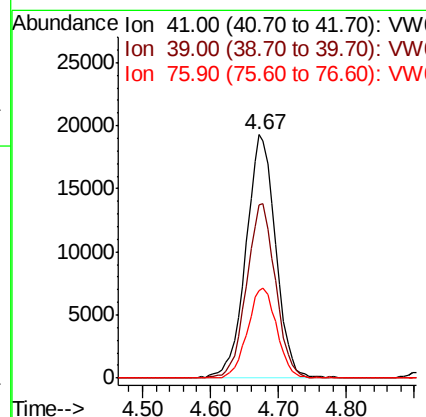
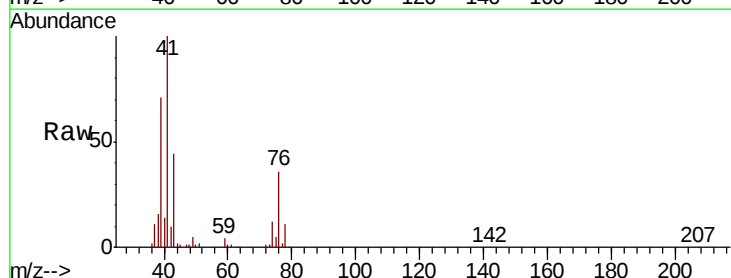
Tgt Ion: 41 Resp: 58452

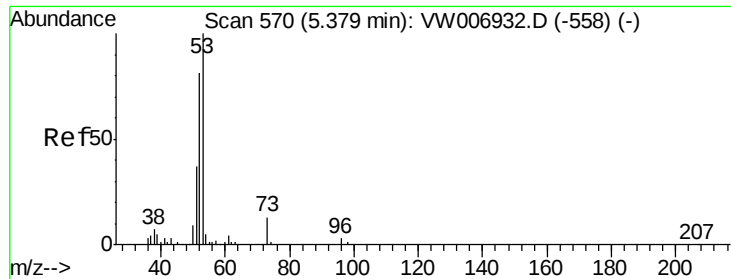
Ion Ratio Lower Upper

41 100

39 69.8 55.0 82.4

76 36.3 28.0 42.0





#15

Acrylonitrile

Concen: 225.224 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

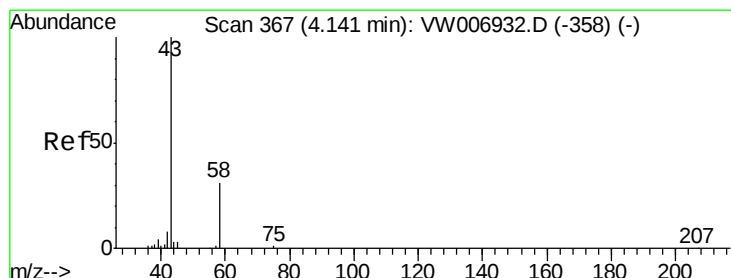
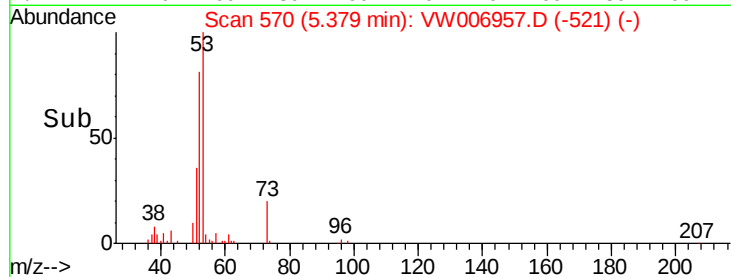
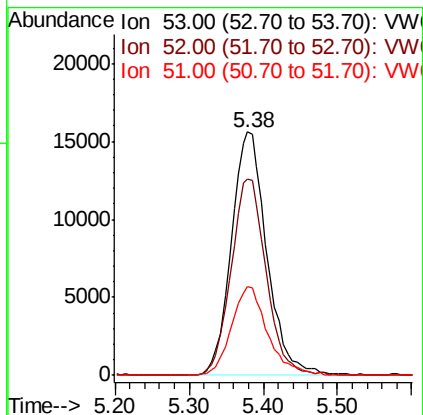
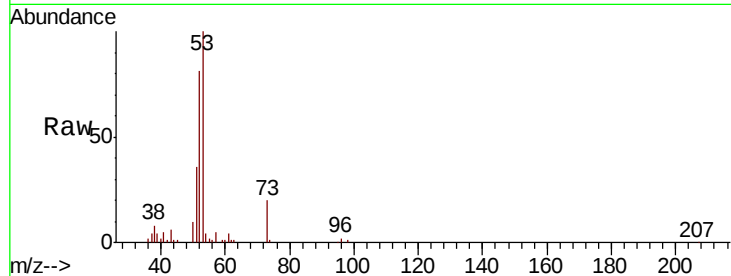
ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:	53	Resp:	52008
Ion	Ratio	Lower	Upper
53	100		
52	79.7	67.0	100.6
51	37.1	29.8	44.6

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#16

Acetone

Concen: 261.610 ug/l

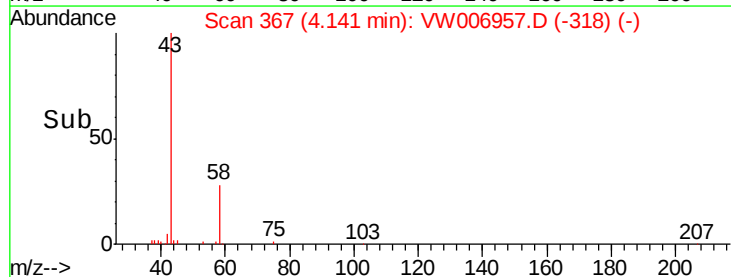
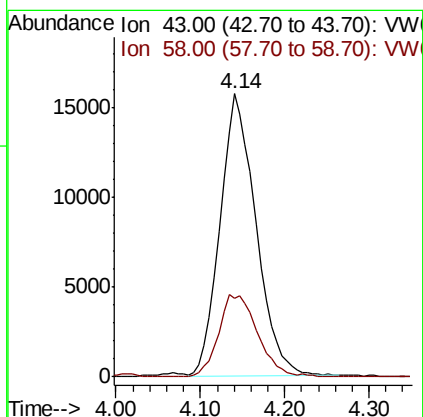
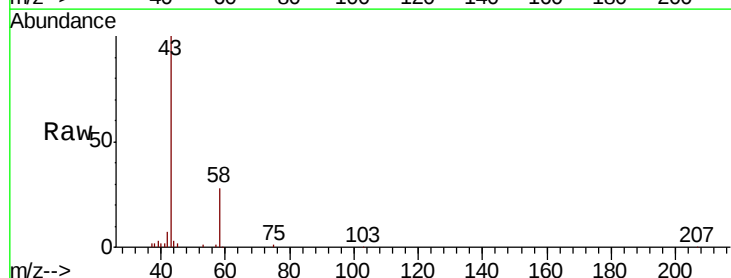
RT: 4.14 min Scan# 367

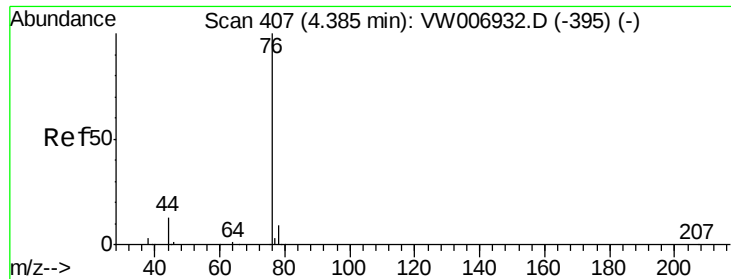
Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion:	43	Resp:	45981
Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.2	36.4





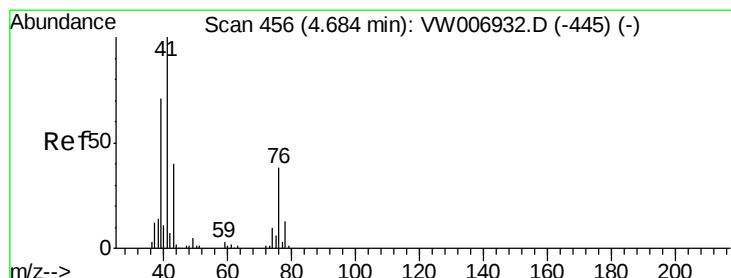
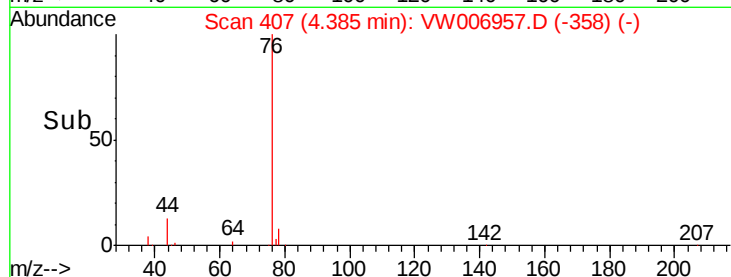
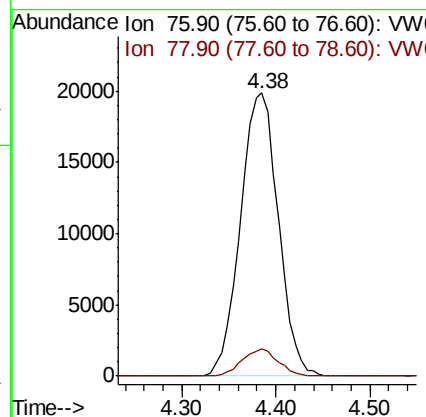
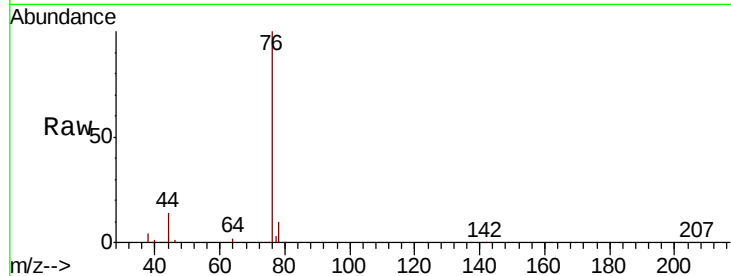
#17
Carbon Disulfide
Concen: 18.478 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

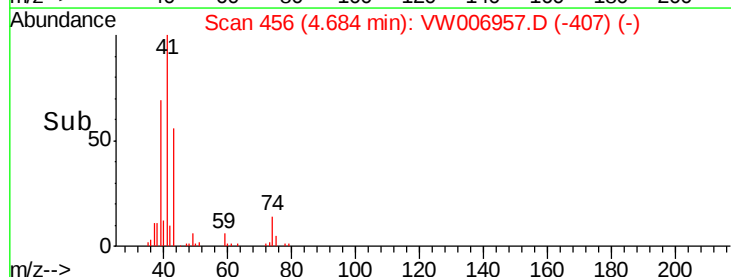
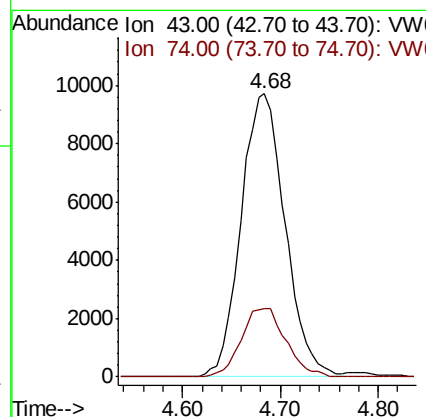
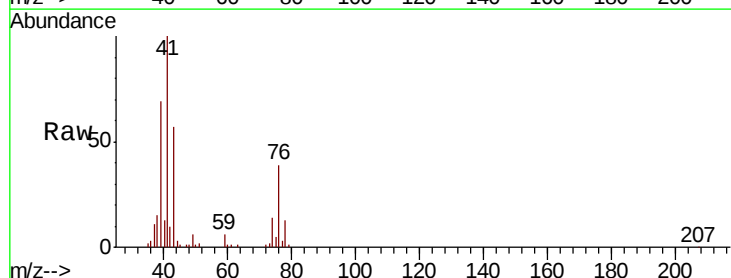
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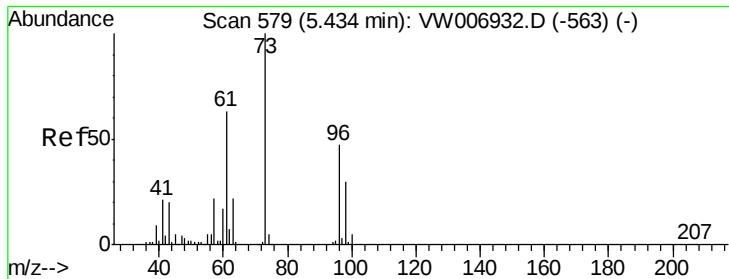
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#18
Methyl Acetate
Concen: 47.161 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	20.3	30.5





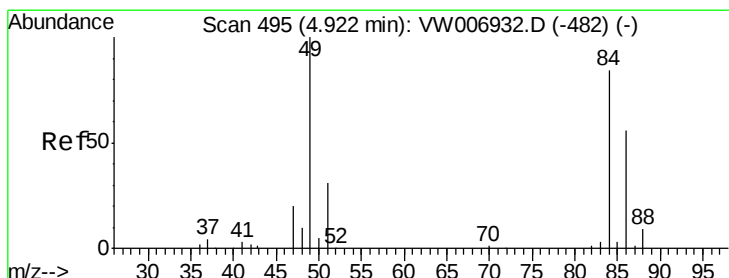
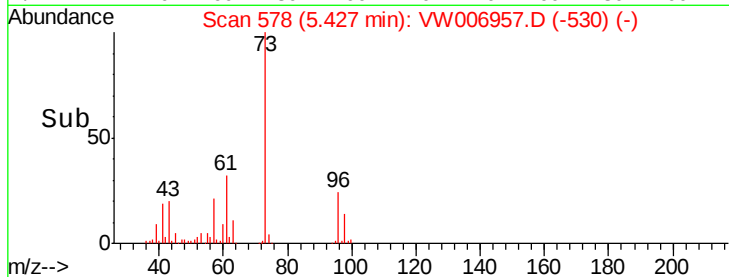
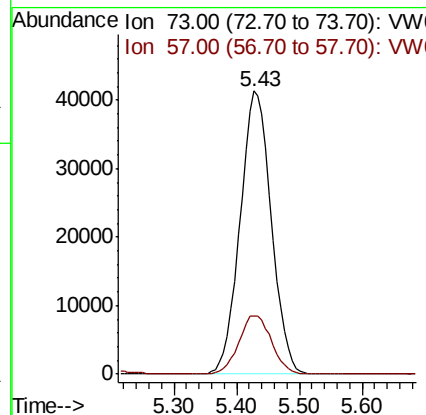
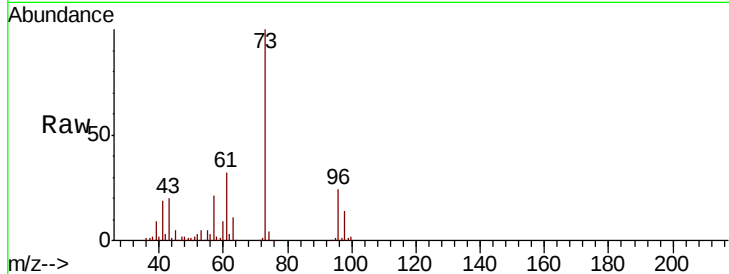
#19
Methvl tert-butvl Ether
Concen: 51.122 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.5	26.3

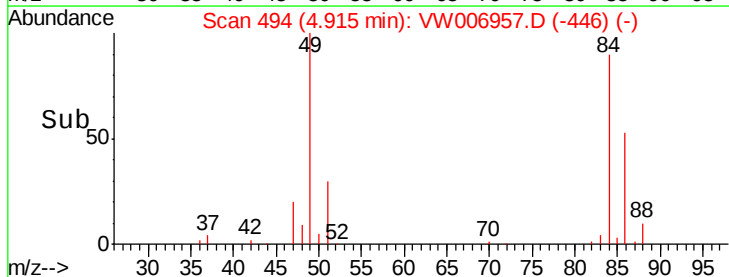
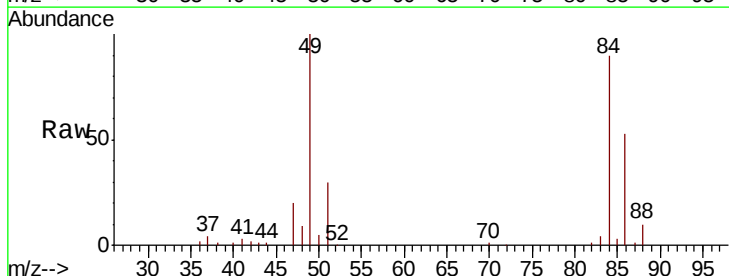
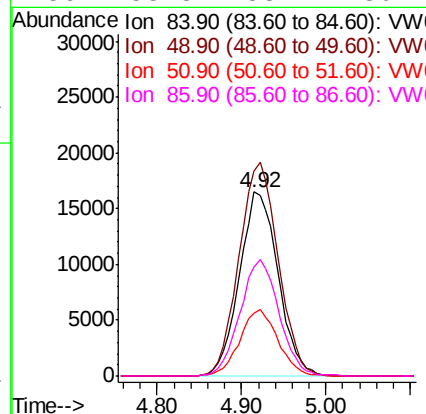
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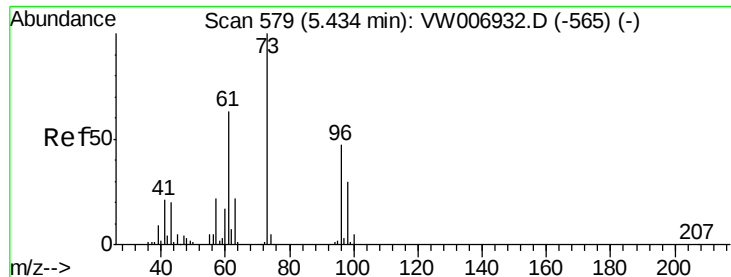
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#20
Methylene Chloride
Concen: 41.919 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.5	95.4	143.2
51	33.9	29.5	44.3
86	58.8	53.4	80.2





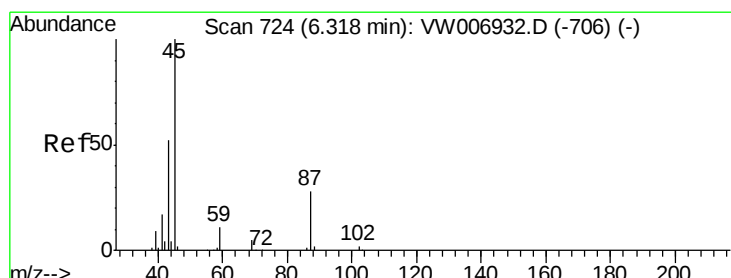
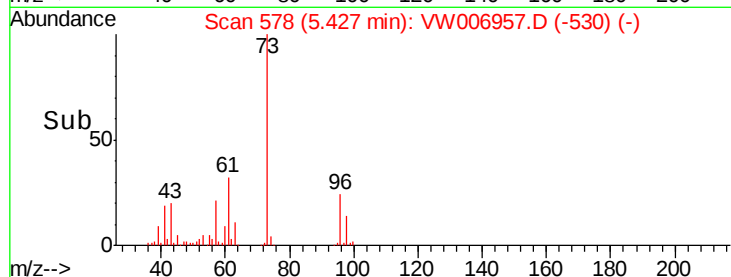
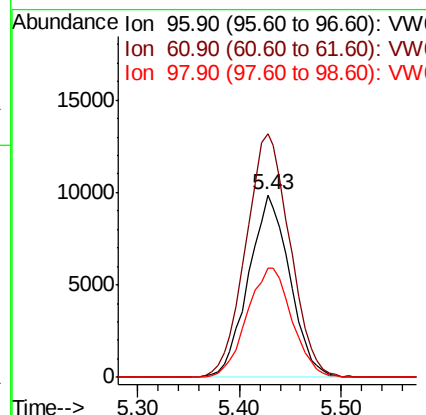
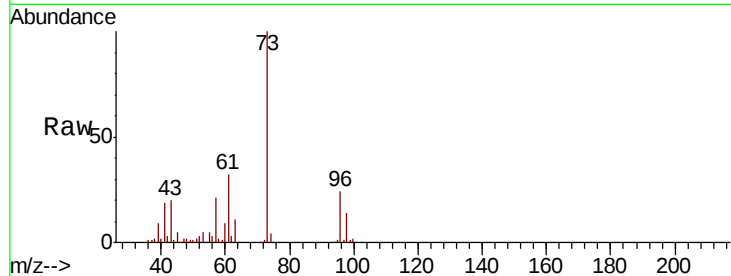
#21
trans-1,2-Dichloroethene
Concen: 24.529 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	108.2	162.4
98	59.7	50.6	76.0

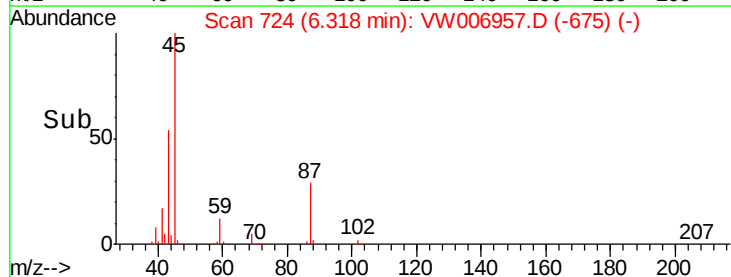
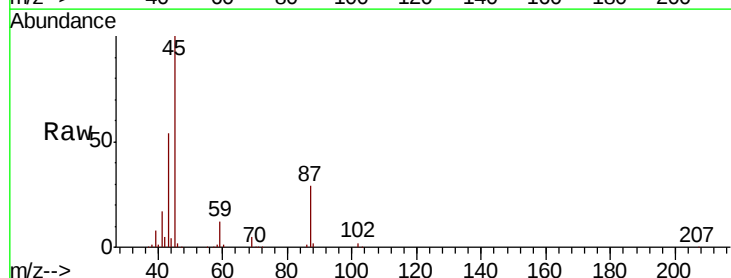
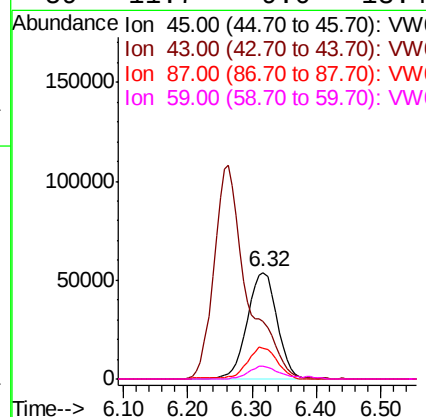
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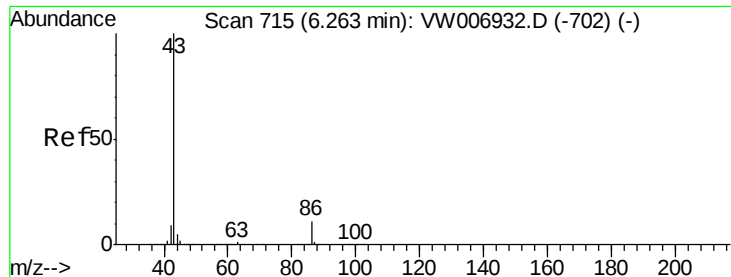
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#22
Diisopropyl ether
Concen: 50.134 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.3	43.1	64.7
87	29.2	22.7	34.1
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 204.192 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 43 Resp: 385695

Ion Ratio Lower Upper

43 100

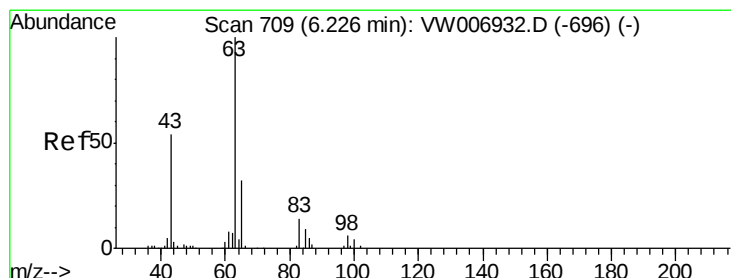
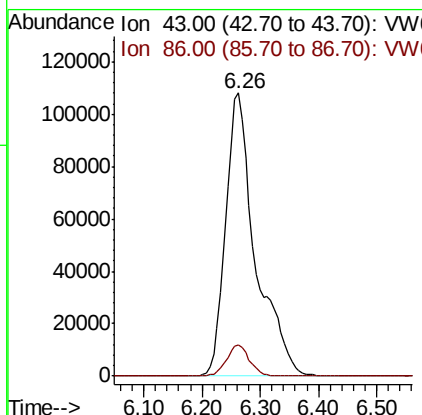
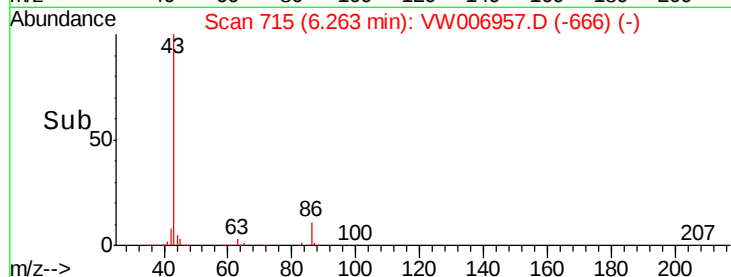
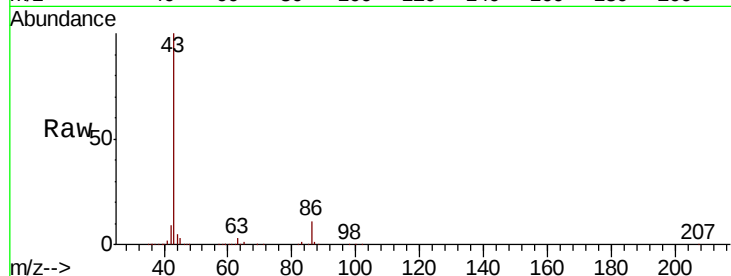
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 47.316 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

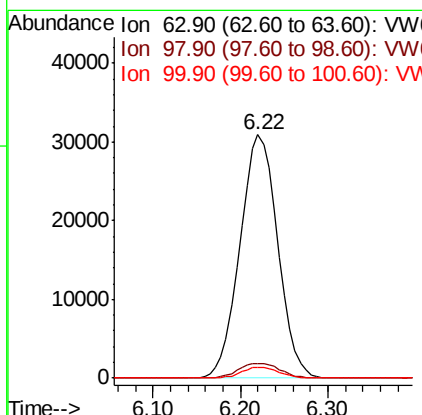
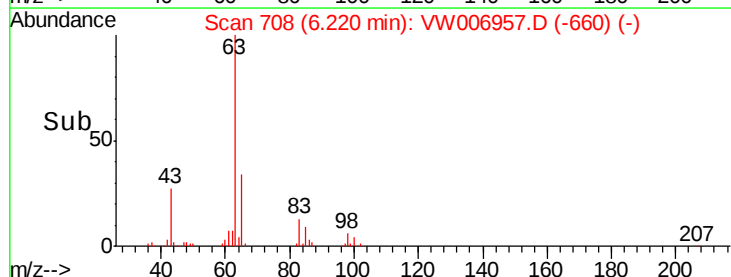
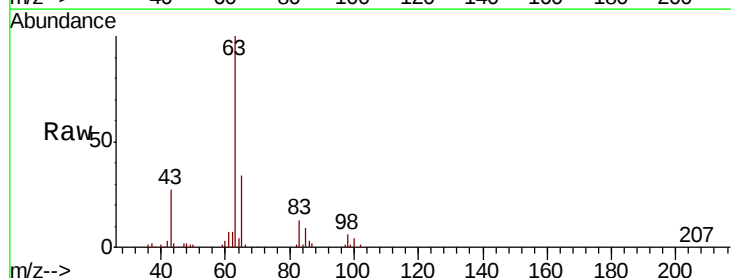
Tgt Ion: 63 Resp: 92935

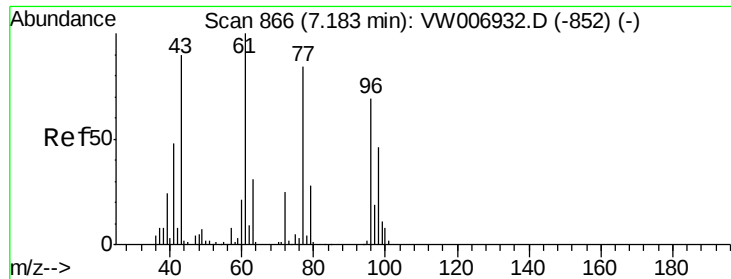
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 249.770 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 43 Resp: 72908

Ion Ratio Lower Upper

43 100

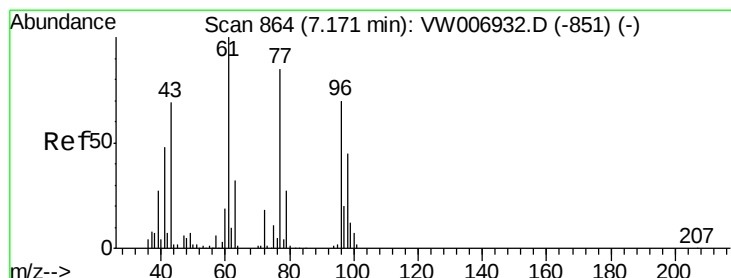
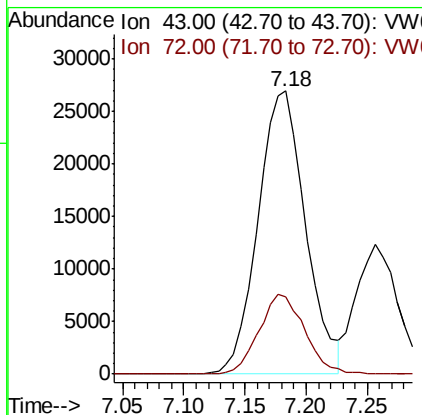
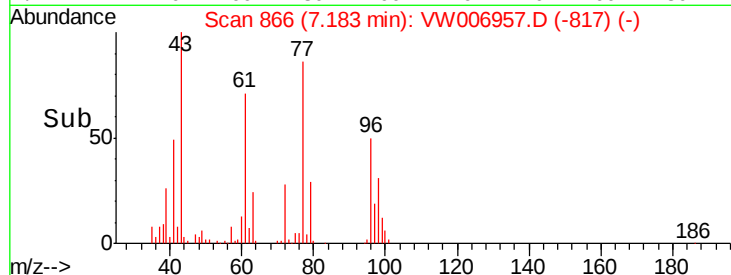
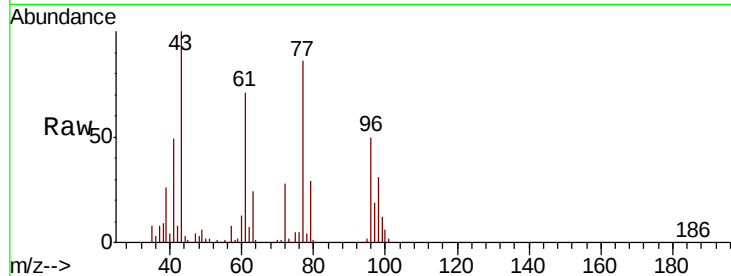
72 27.5 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.130 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006957.D

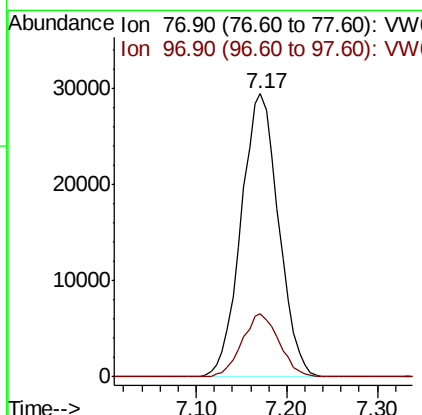
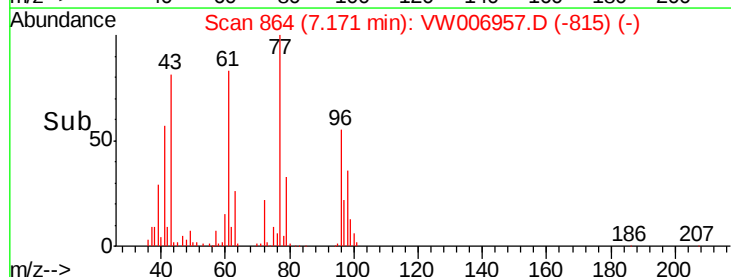
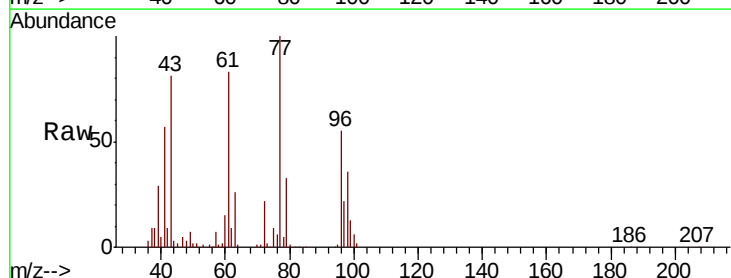
Acq: 19 Nov 2018 21:50

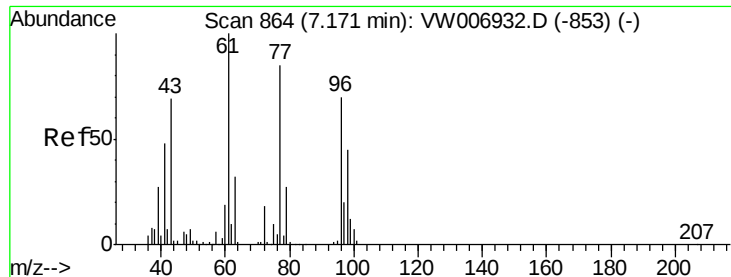
Tgt Ion: 77 Resp: 84199

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9





#27

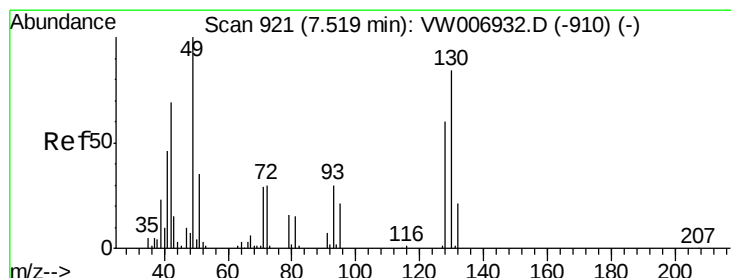
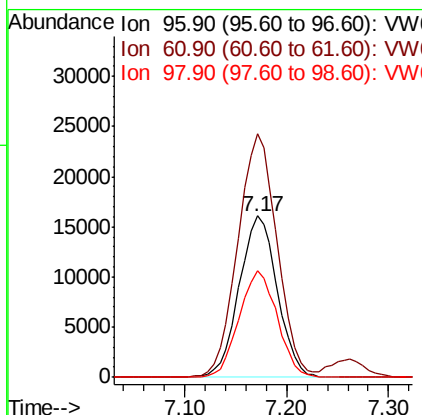
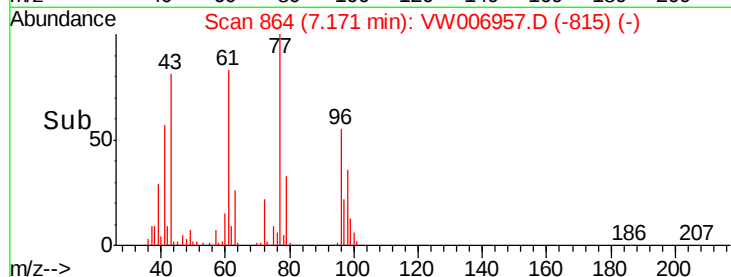
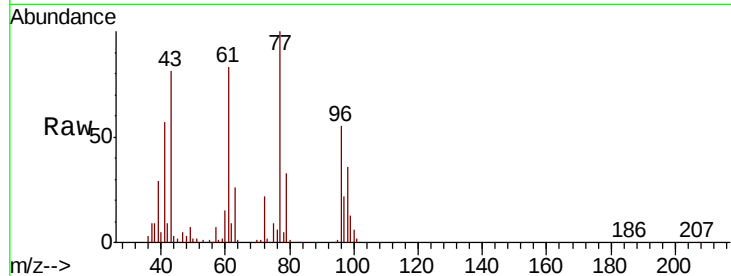
cis-1,2-Dichloroethene
Concen: 33.108 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	293.8
98	66.1	0.0	131.0

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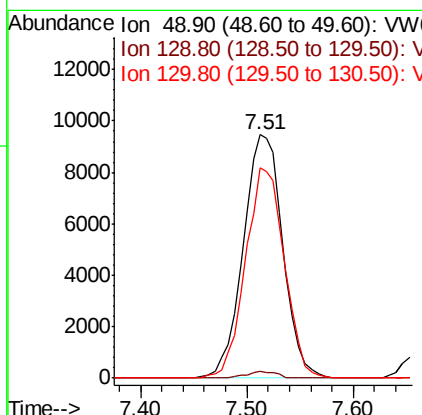
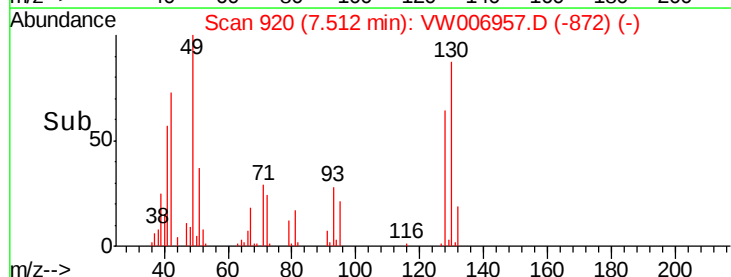
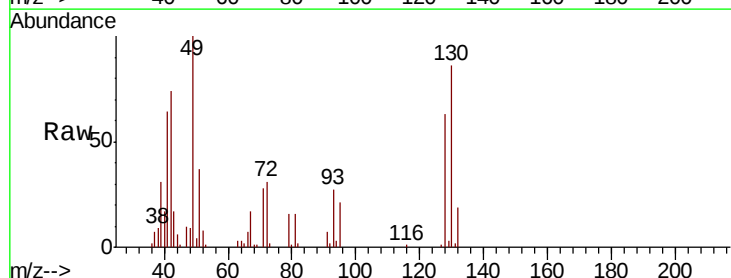
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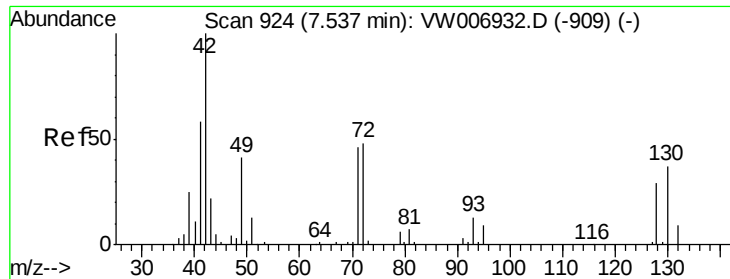


#28

Bromochloromethane
Concen: 34.113 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	1.6#
130	84.8	66.1	99.1





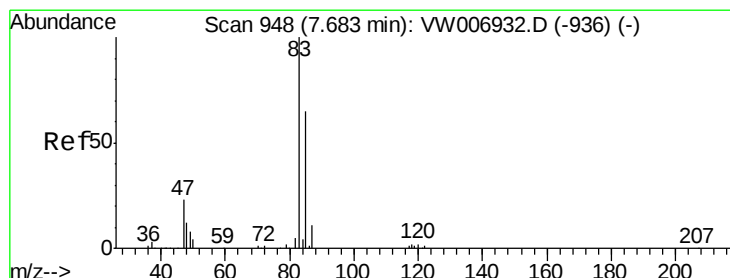
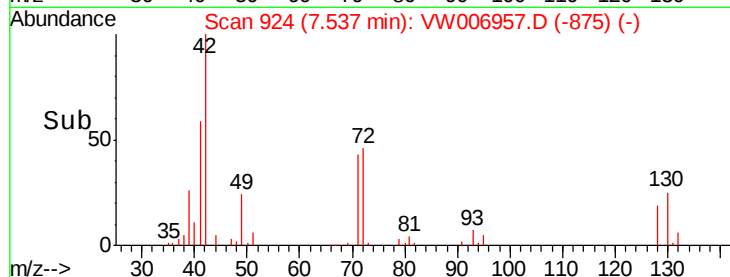
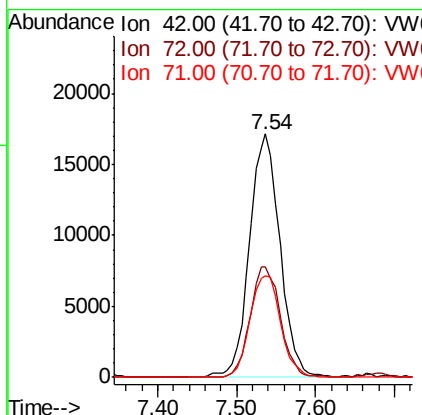
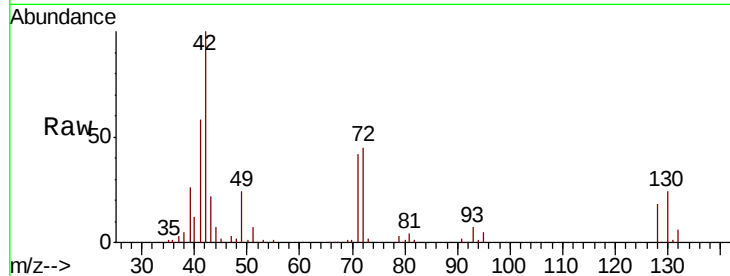
#29
Tetrahydrofuran
Concen: 243.064 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.7	53.5
71	42.1	33.7	50.5

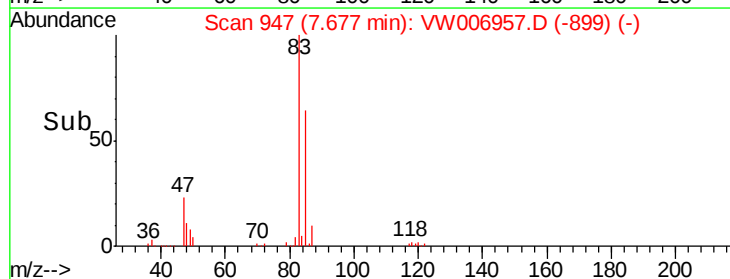
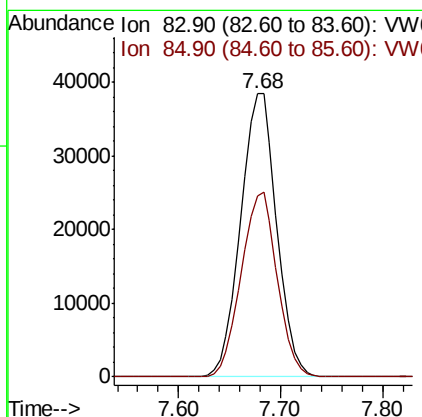
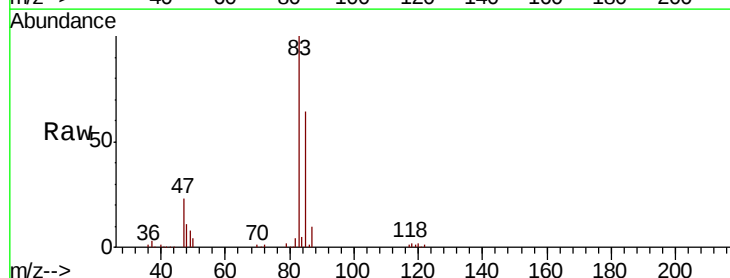
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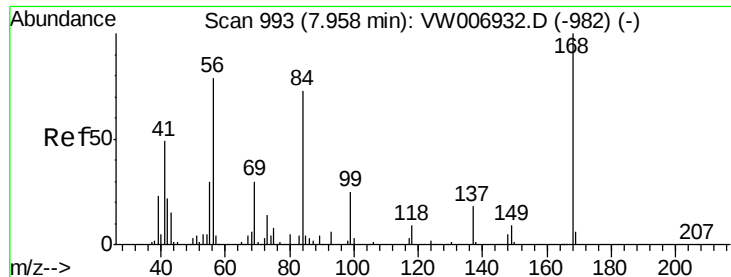
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#30
Chloroform
Concen: 43.860 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.2	78.4





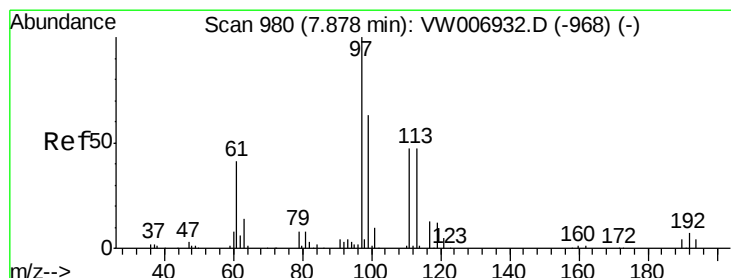
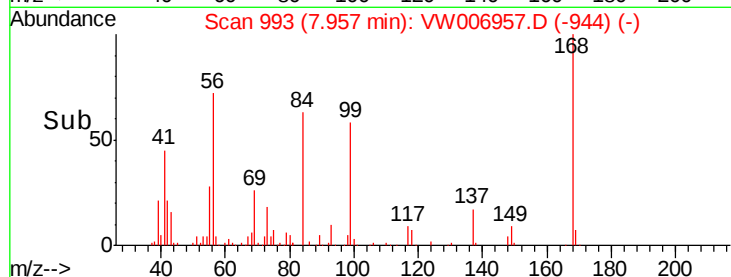
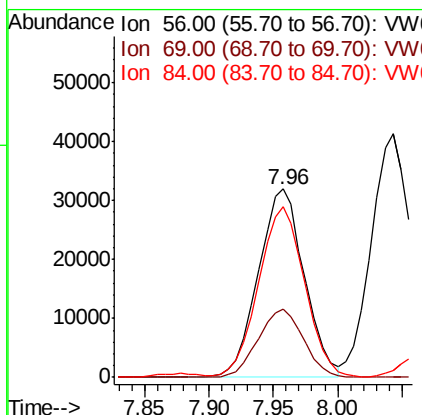
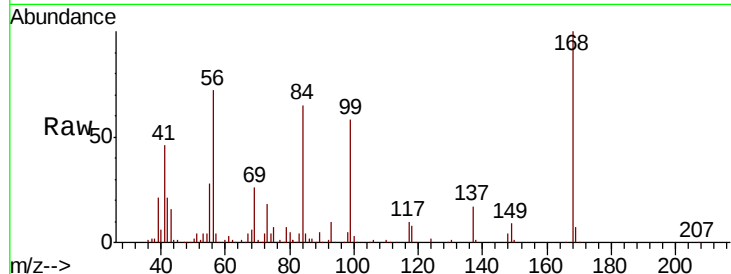
#31
Cyclohexane
Concen: 40.186 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	30.2	45.2
84	89.0	73.6	110.4

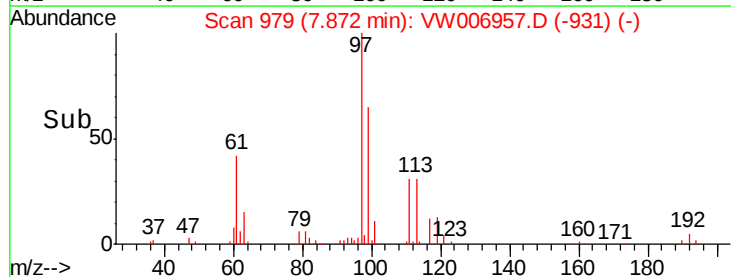
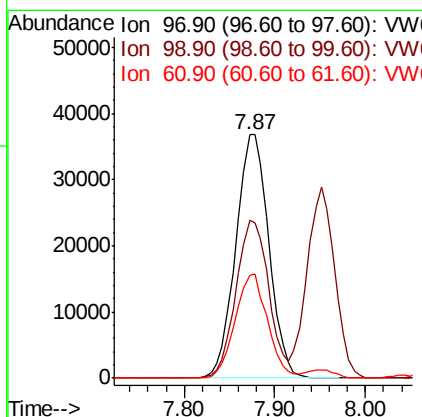
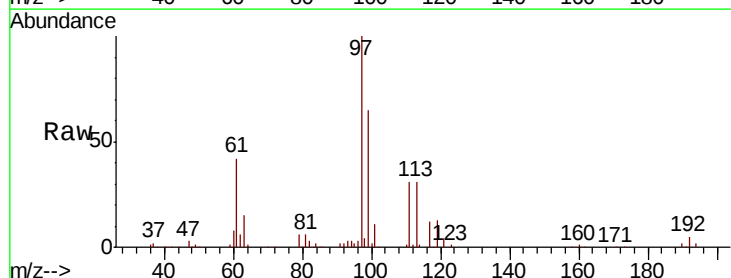
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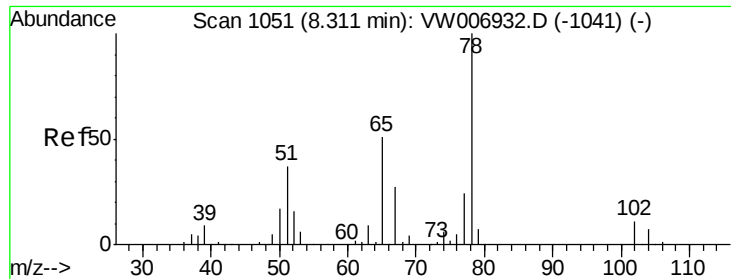
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#32
1,1,1-Trichloroethane
Concen: 50.203 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.6
61	41.7	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 38.257 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 65 Resp: 43960

Ion Ratio Lower Upper

65 100

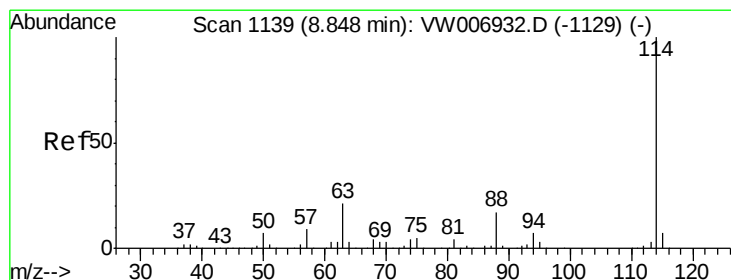
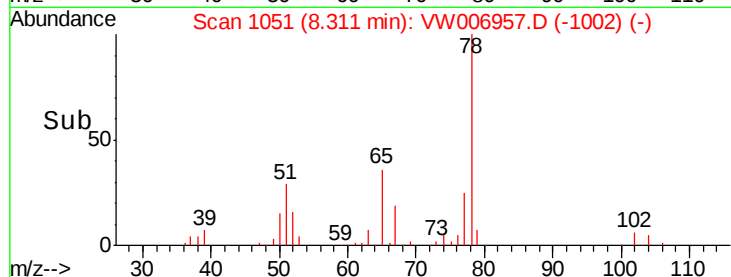
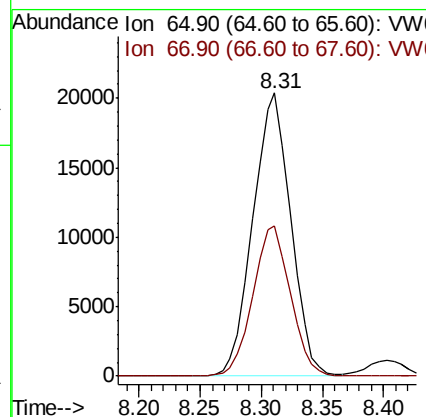
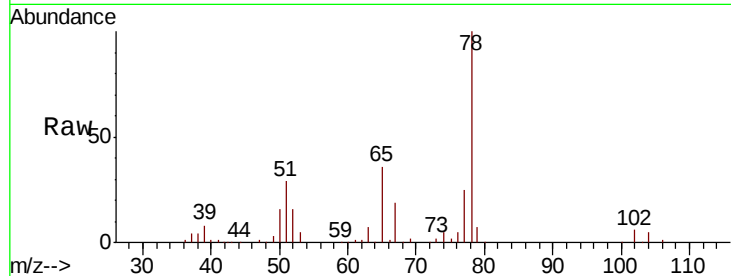
67 52.5 0.0 104.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

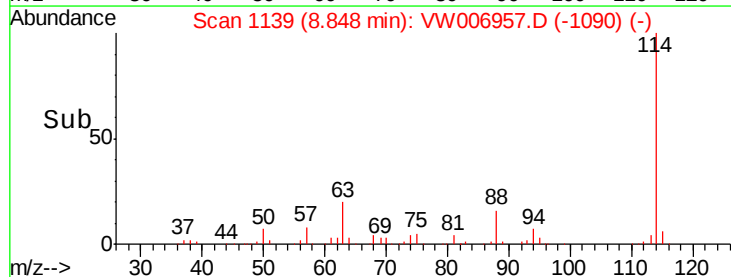
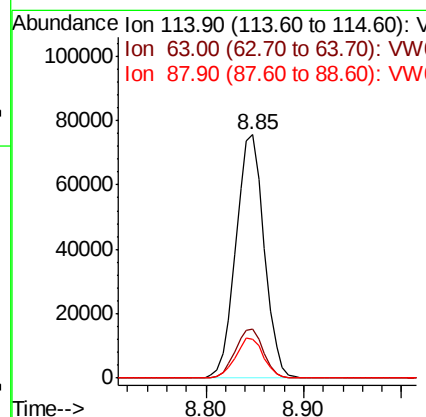
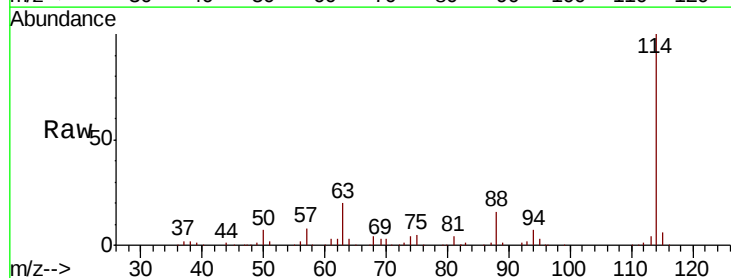
Tgt Ion: 114 Resp: 151349

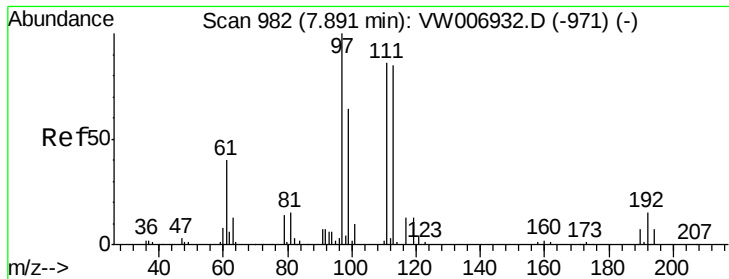
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.311 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

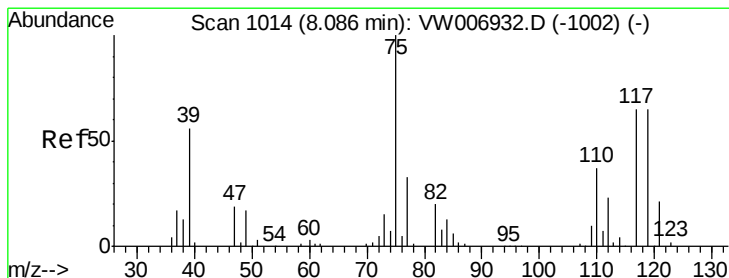
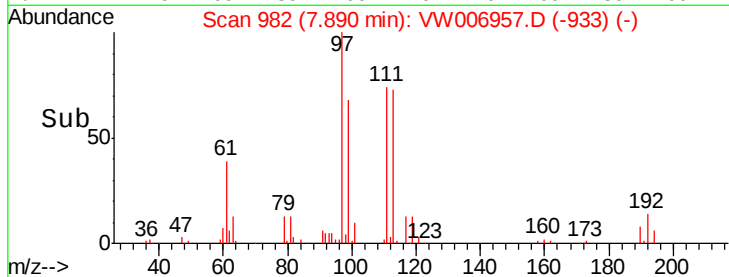
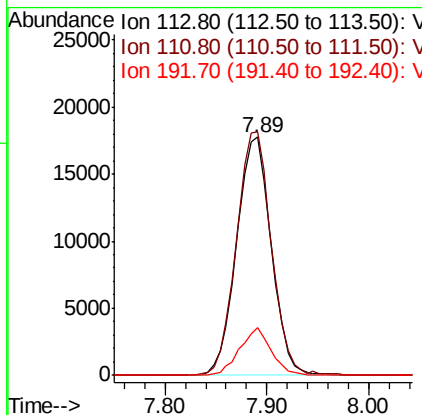
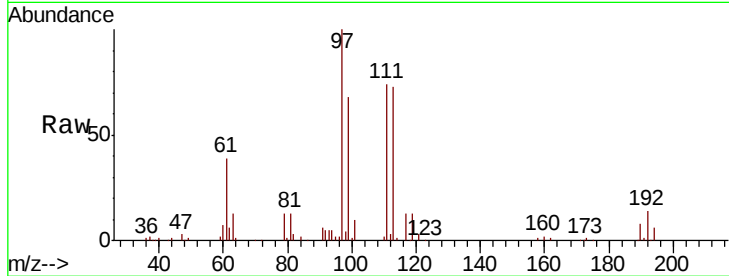
ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:	113	Resp:	41927
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	18.0	13.9	20.9

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#36

1,1-Dichloropropene

Concen: 39.104 ug/l

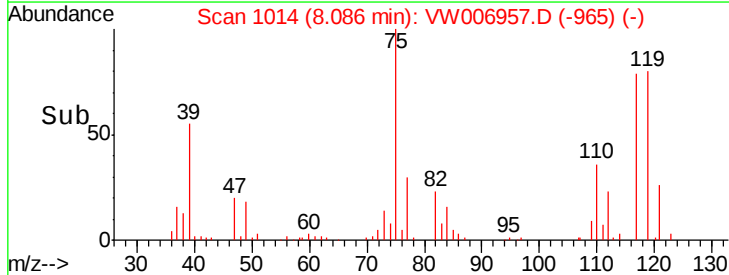
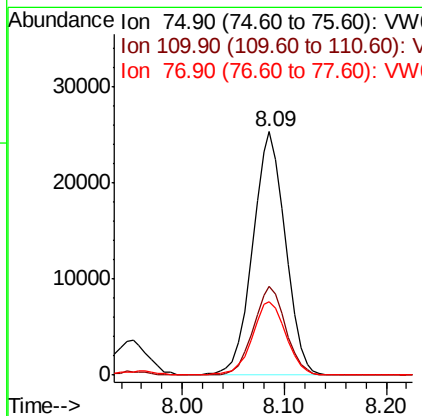
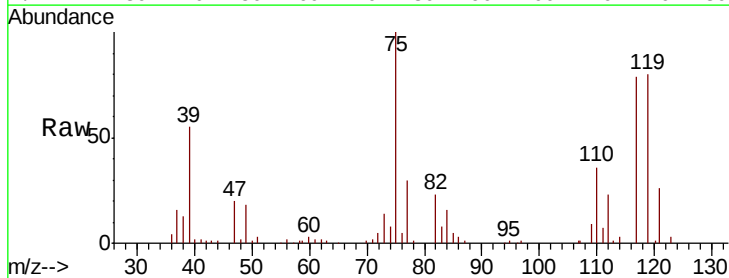
RT: 8.09 min Scan# 1014

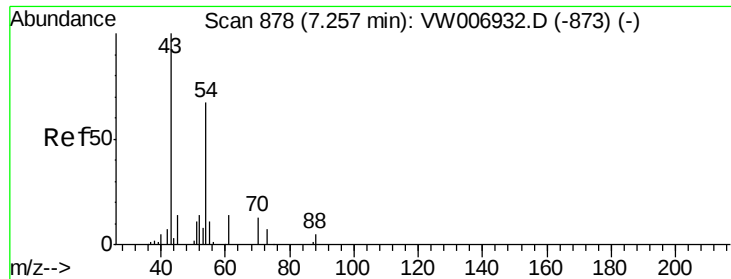
Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion:	75	Resp:	56382
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	31.1	25.4	38.0





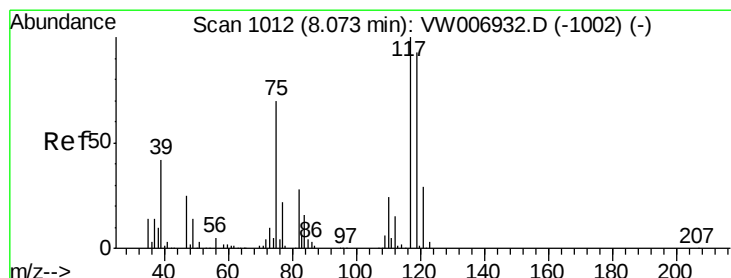
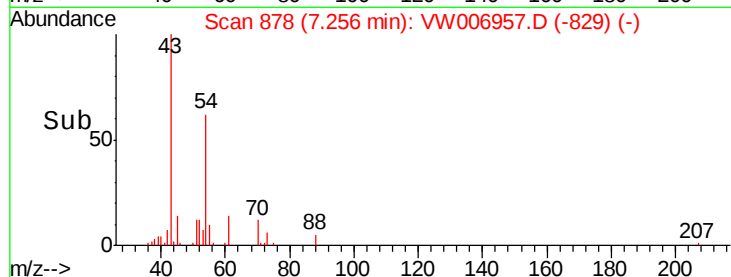
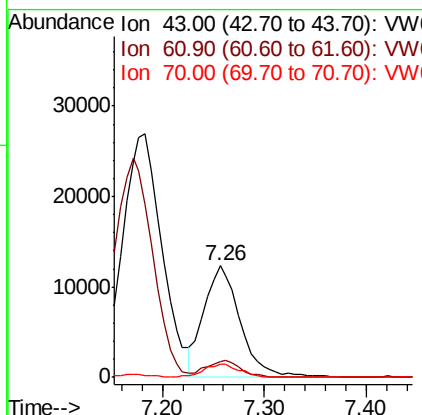
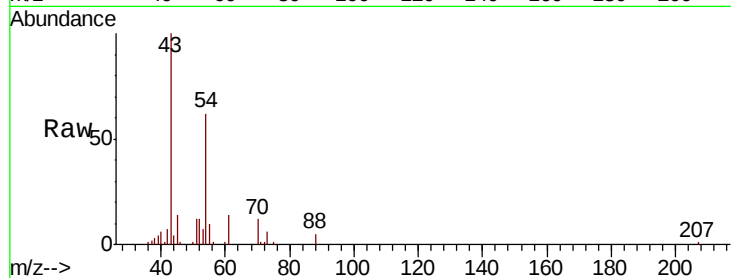
#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.6
70	12.3	8.8	13.2

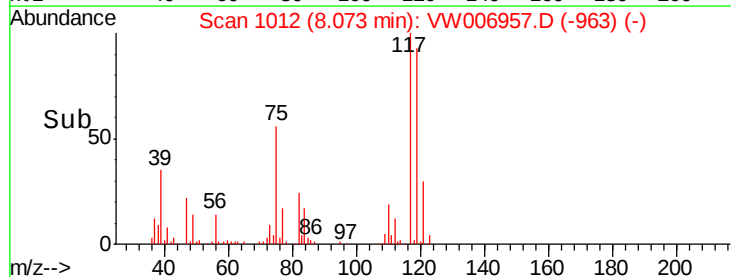
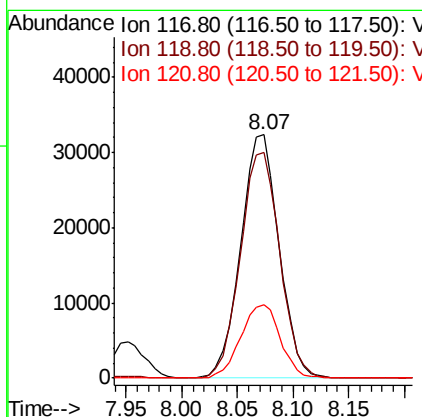
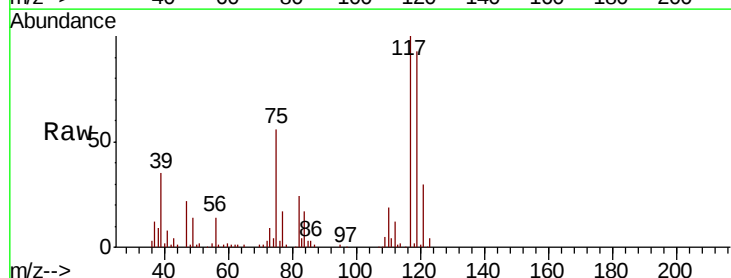
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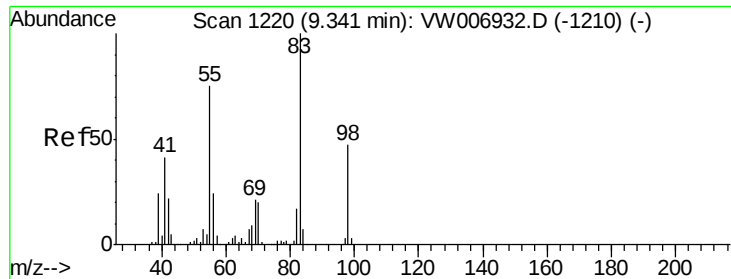
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#38
Carbon Tetrachloride
Concen: 54.523 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.2	111.4
121	29.9	23.5	35.3





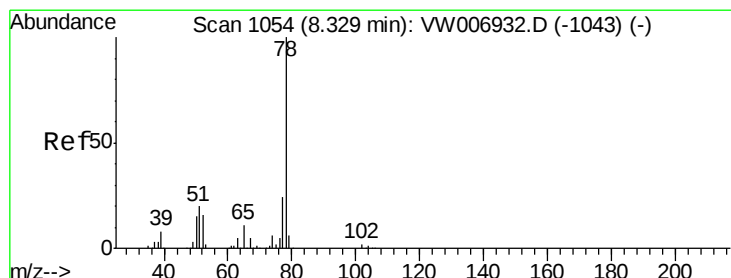
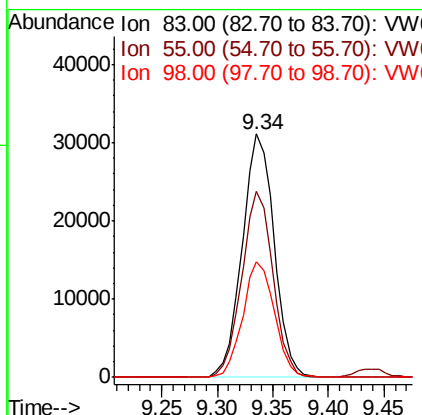
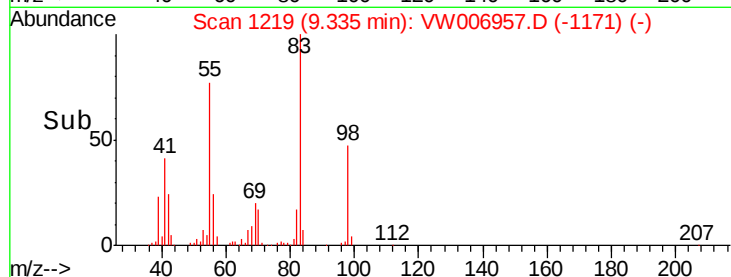
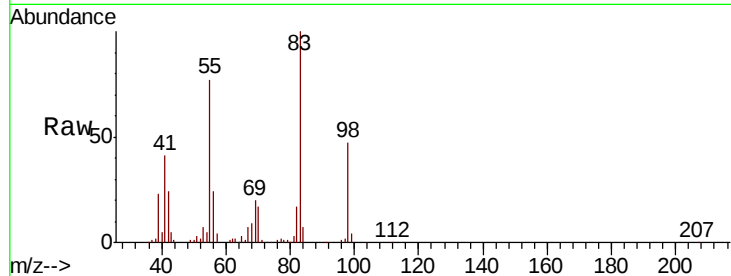
#39
Methvlcvclohexane
Concen: 34.745 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.2	90.4
98	47.2	37.3	55.9

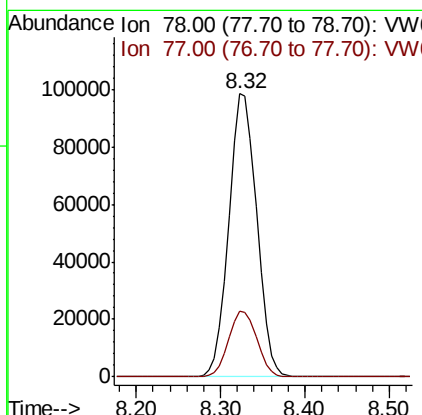
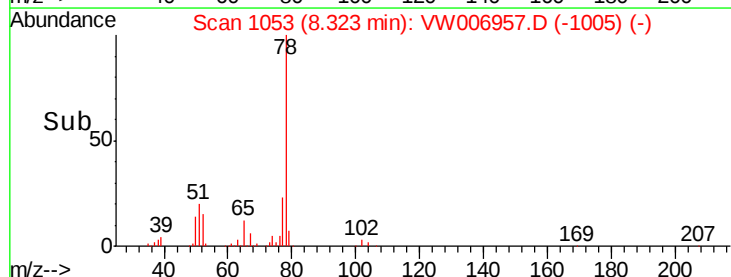
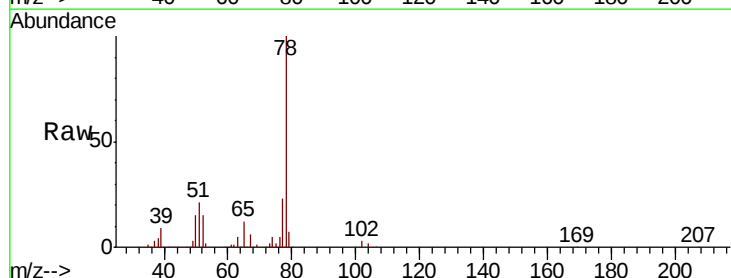
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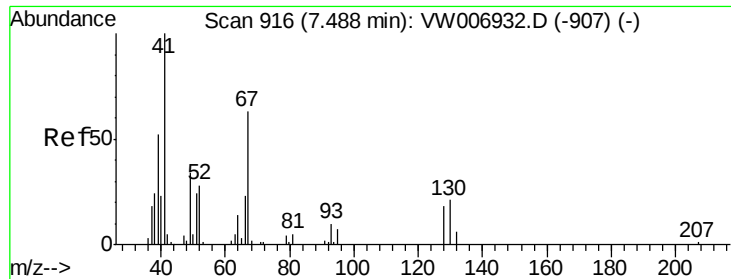
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#40
Benzene
Concen: 54.266 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





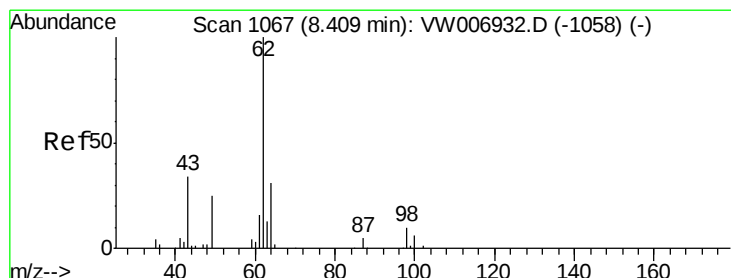
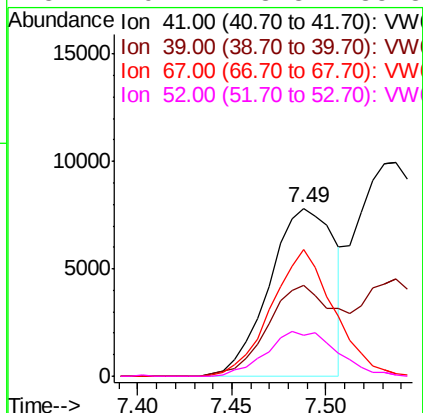
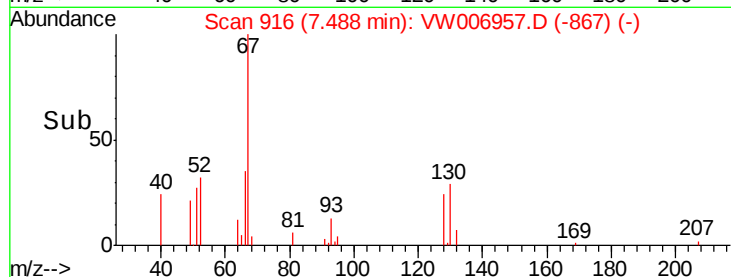
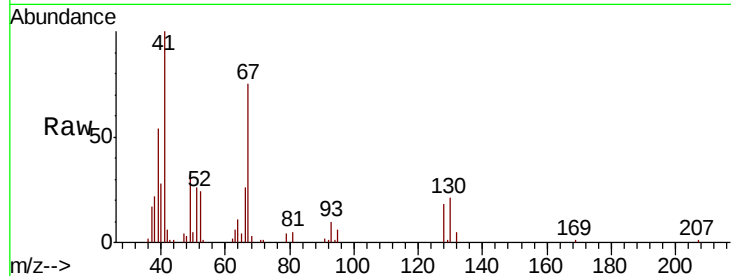
#41
Methacrylonitrile
Concen: 50.084 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		18806		
39	59.0	41.8	62.6		
67	72.2	54.7	82.1		
52	29.1	23.8	35.8		

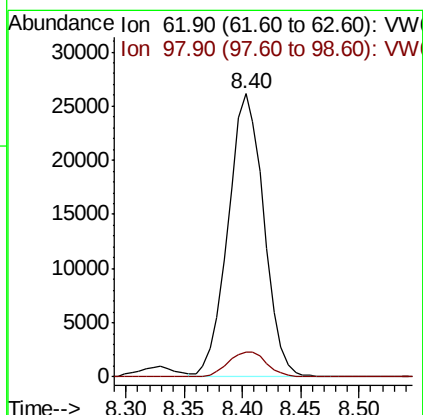
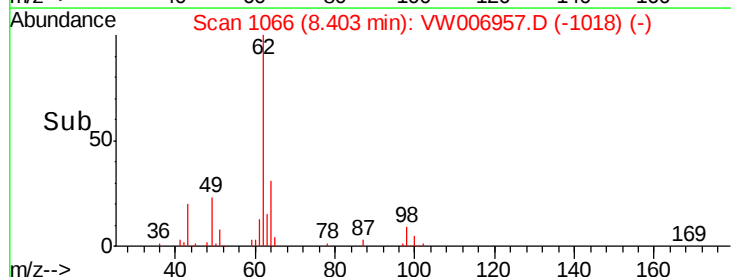
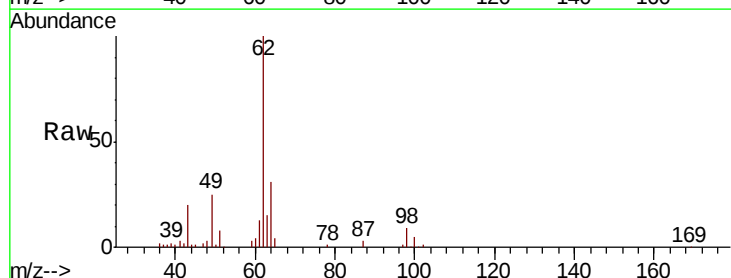
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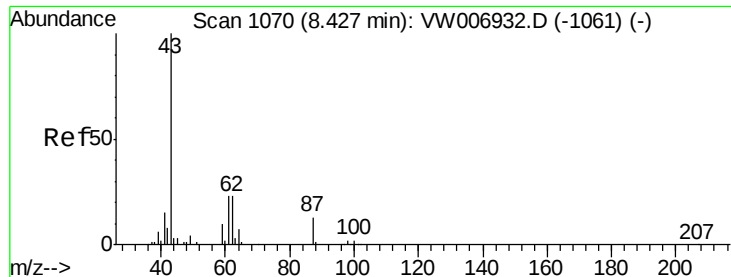
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#42
1,2-Dichloroethane
Concen: 45.841 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		55921		
98	9.4	0.0	18.2		





#43

Isopropyl Acetate

Concen: 53.532 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

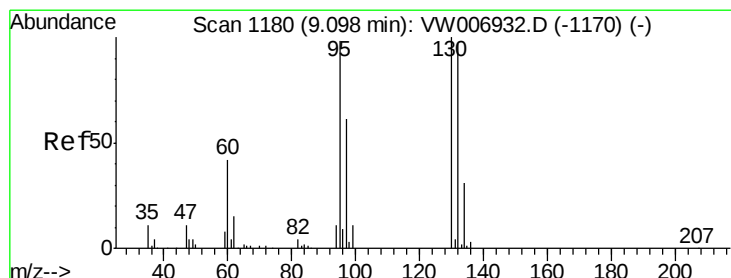
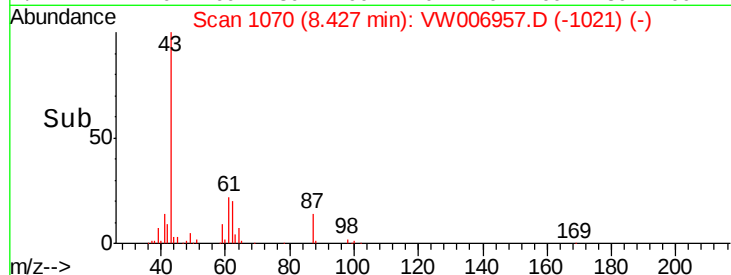
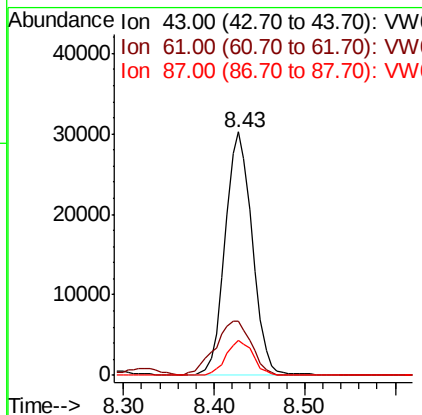
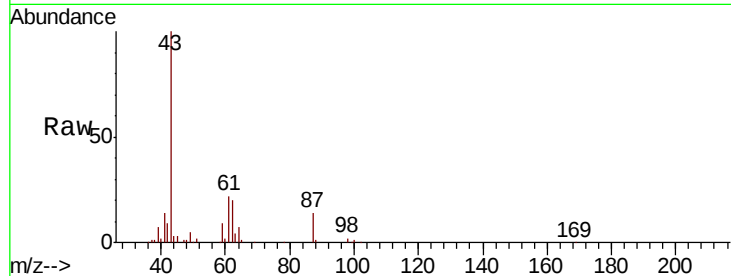
ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:	43	Resp:	62970
Ion	Ratio	Lower	Upper
43	100		
61	29.9	24.6	37.0
87	14.2	11.0	16.6

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#44

Trichloroethene

Concen: 38.087 ug/l

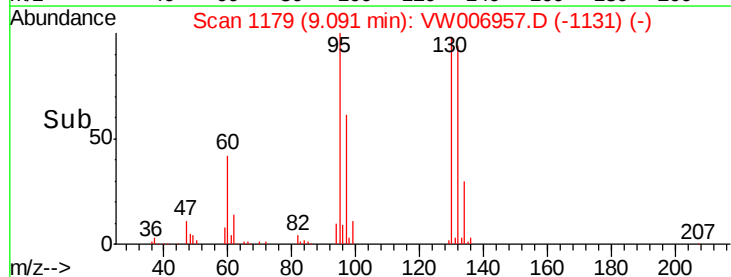
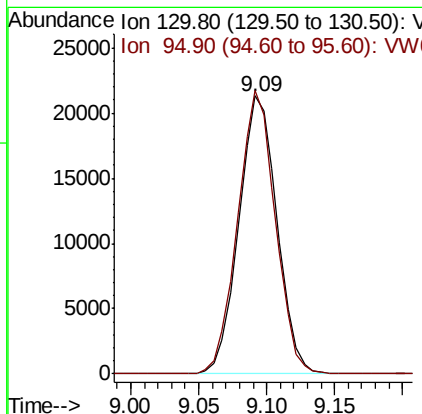
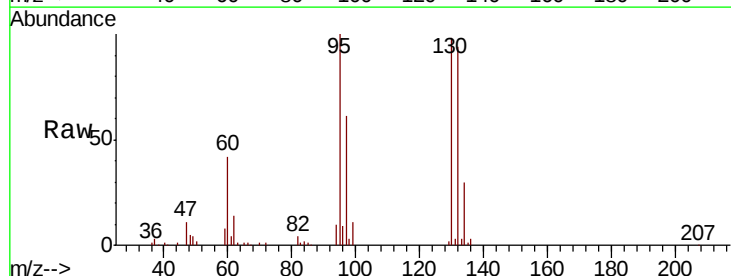
RT: 9.09 min Scan# 1179

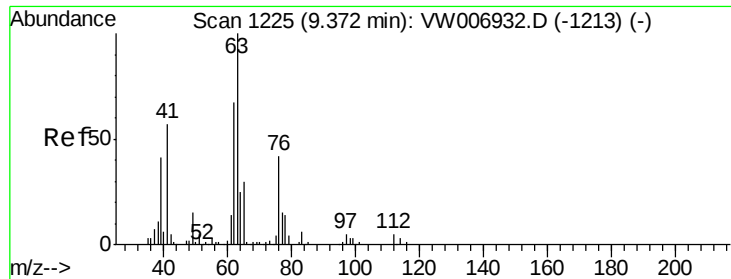
Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion:	130	Resp:	41731
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	196.4





#45

1,2-Dichloropropane

Concen: 54.813 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006957.D

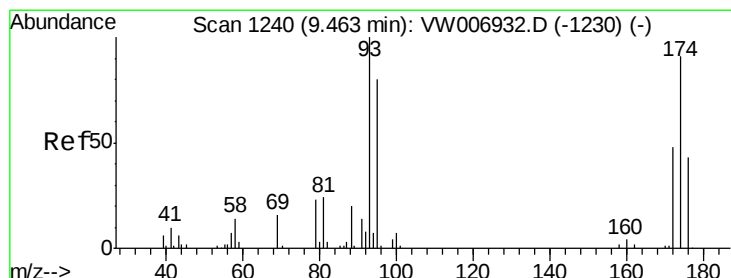
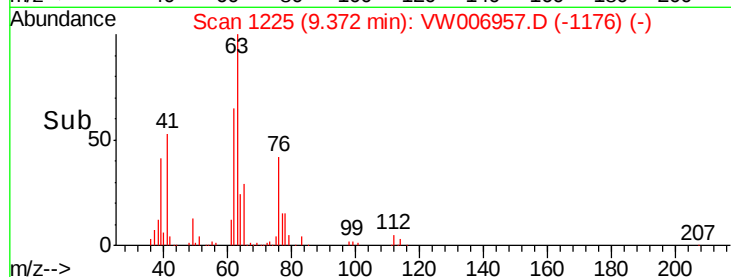
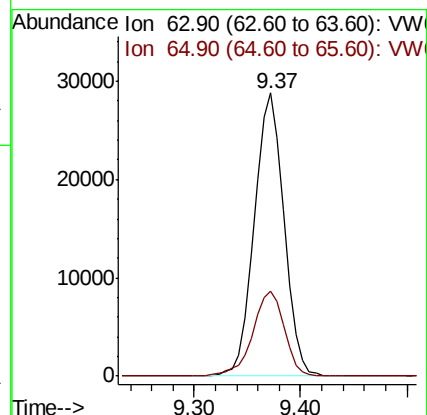
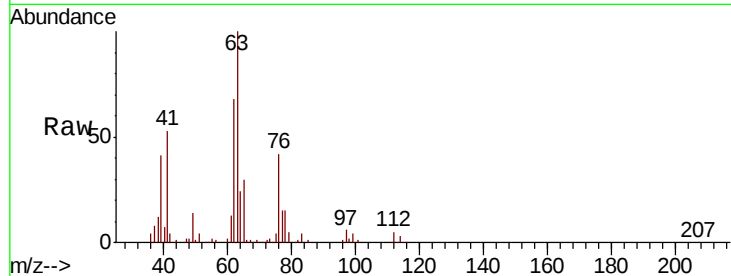
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.9	35.9

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#46

Dibromomethane

Concen: 38.359 ug/l

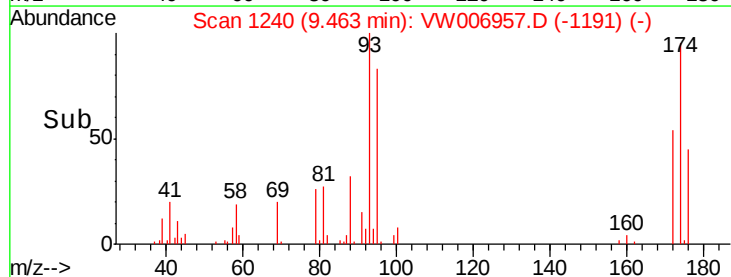
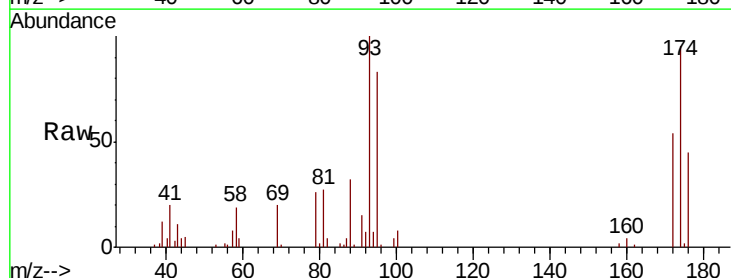
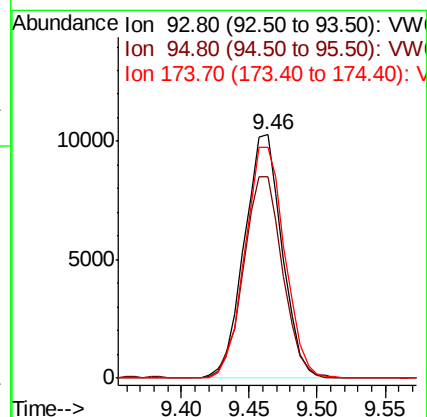
RT: 9.46 min Scan# 1240

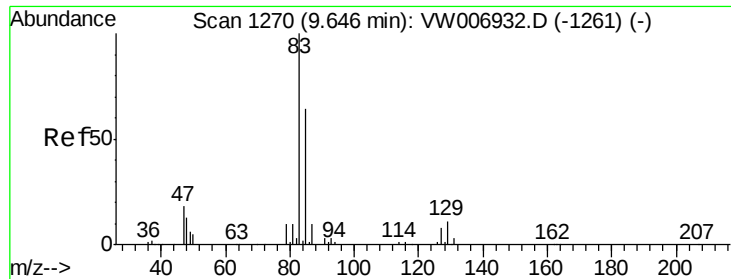
Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.4	65.7	98.5
174	99.6	75.0	112.4





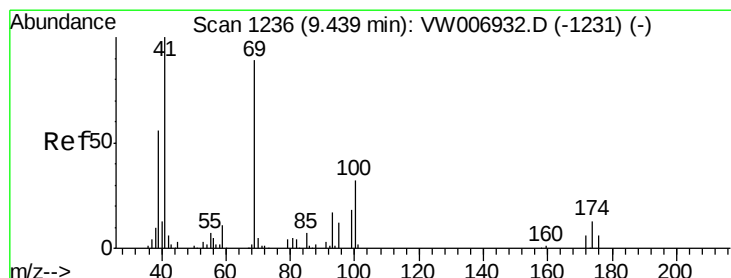
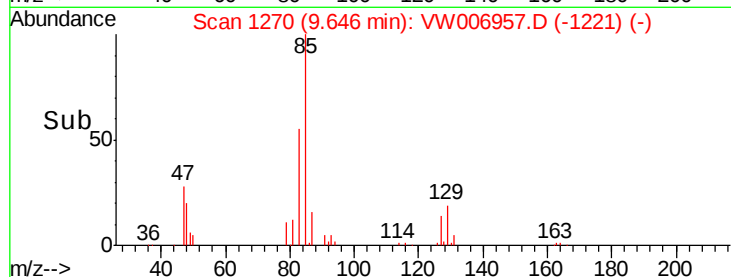
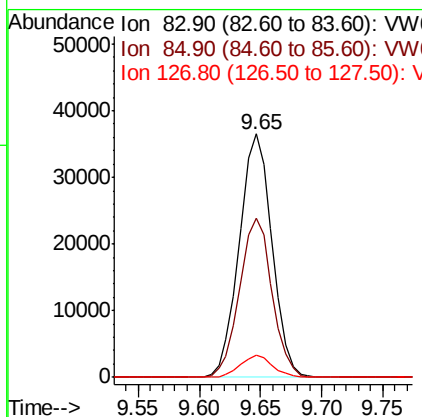
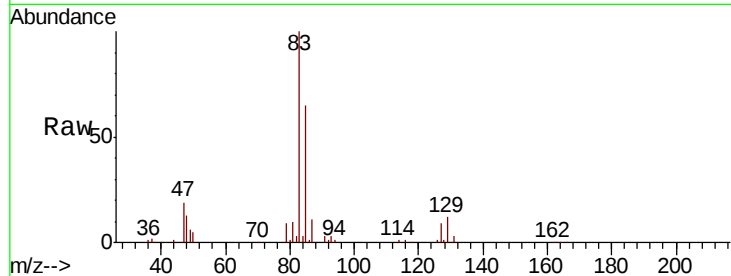
#47
Bromodichloromethane
Concen: 49.525 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.8	76.2
127	9.2	6.6	10.0

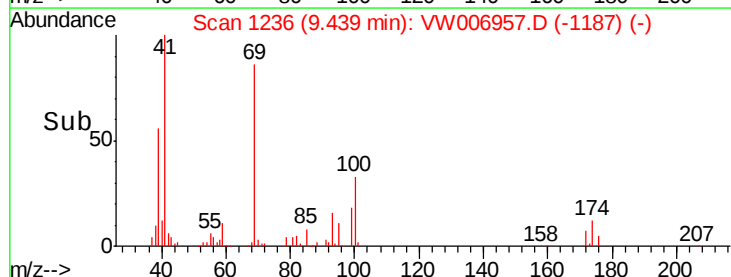
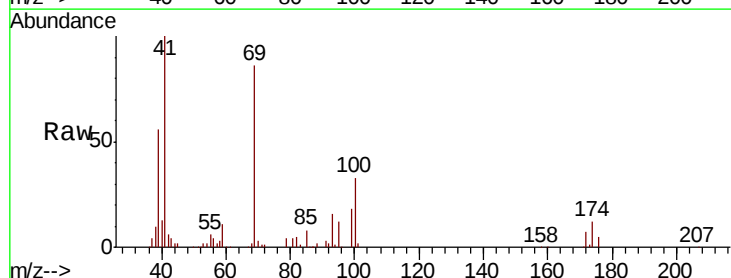
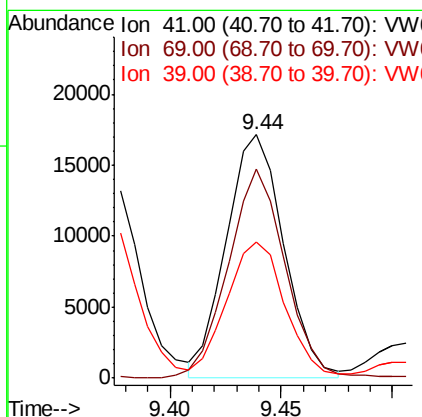
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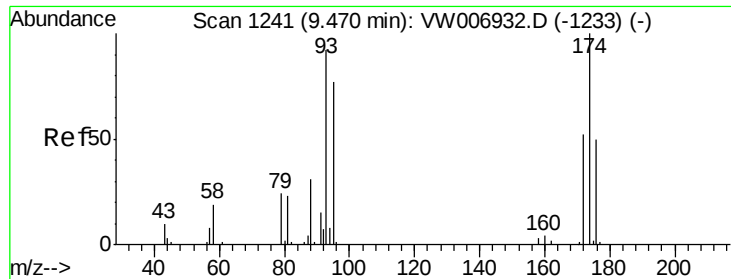
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#48
Methyl methacrylate
Concen: 54.462 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.7	73.4	110.0
39	57.1	46.1	69.1





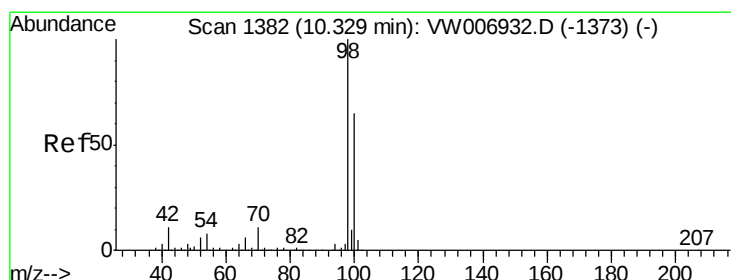
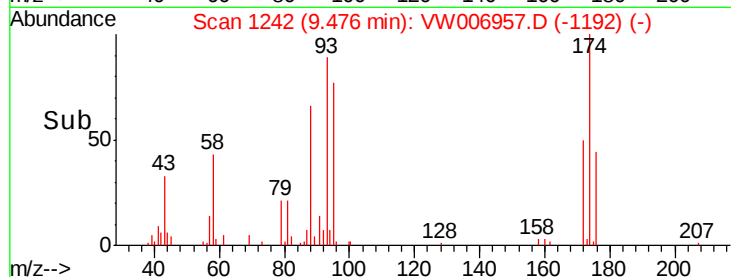
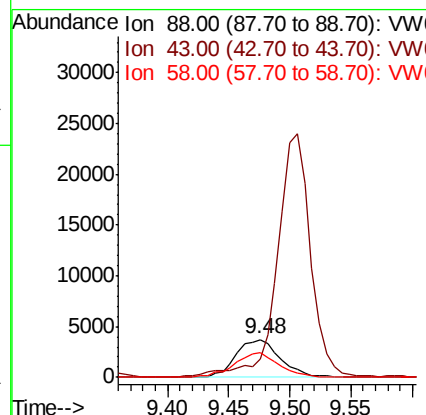
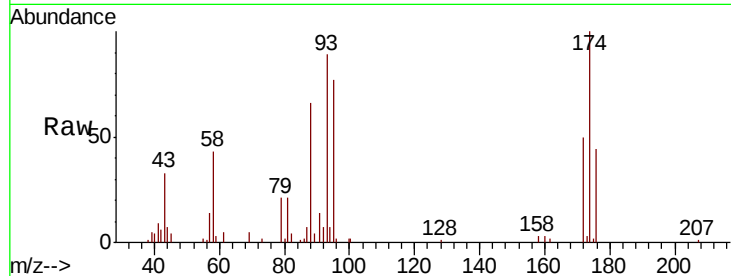
#49
1,4-Dioxane
Concen: 1169.099 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.9	57.4	86.2

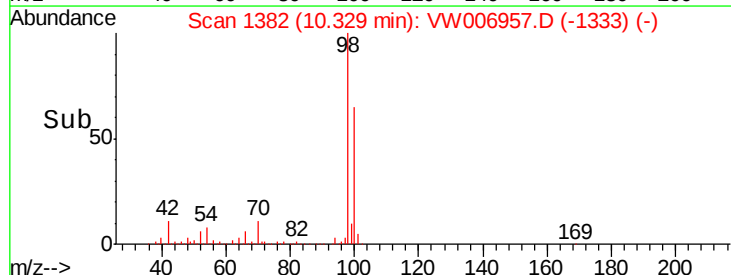
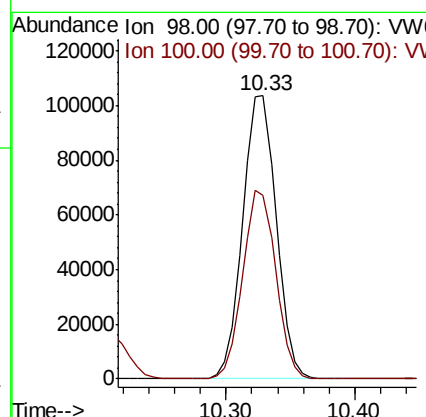
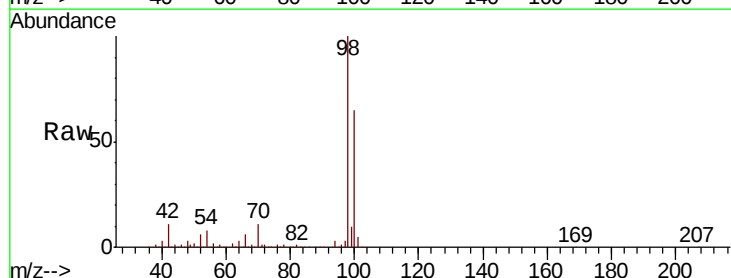
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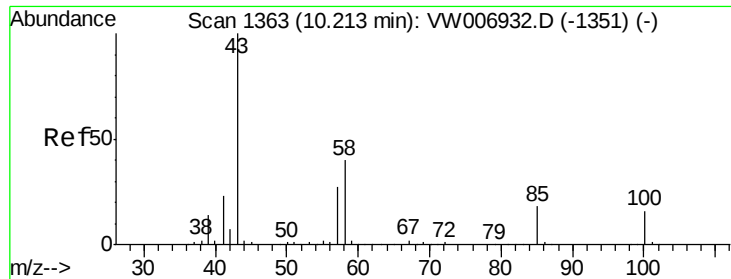
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#50
Toluene-d8
Concen: 49.105 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 285.396 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 43 Resp: 165458

Ion Ratio Lower Upper

43 100

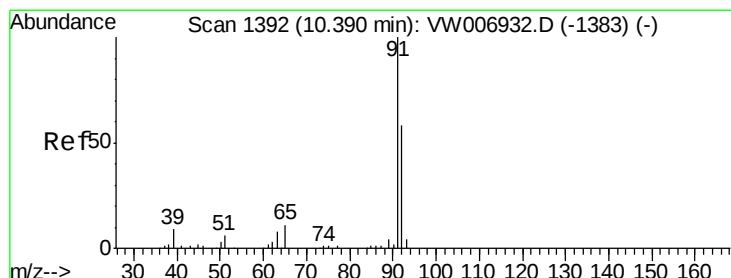
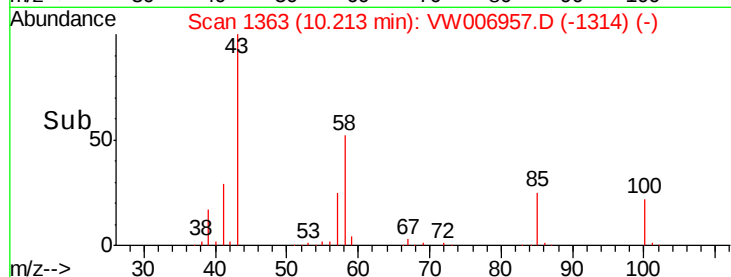
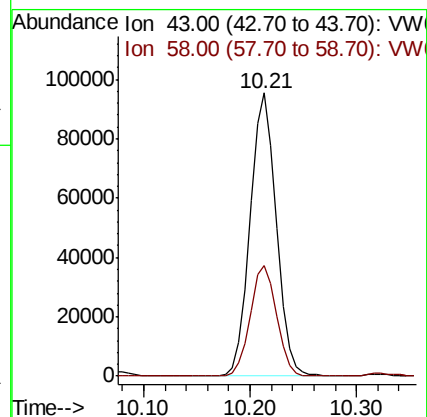
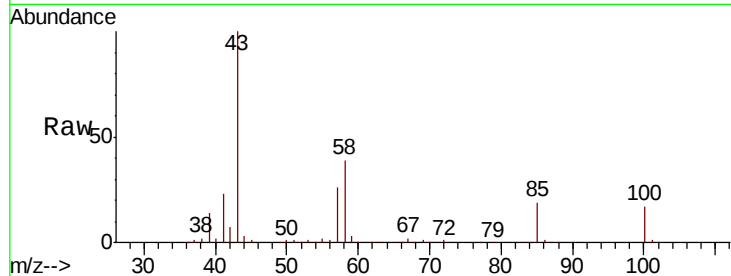
58 39.5 31.0 46.4

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#52

Toluene

Concen: 51.903 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006957.D

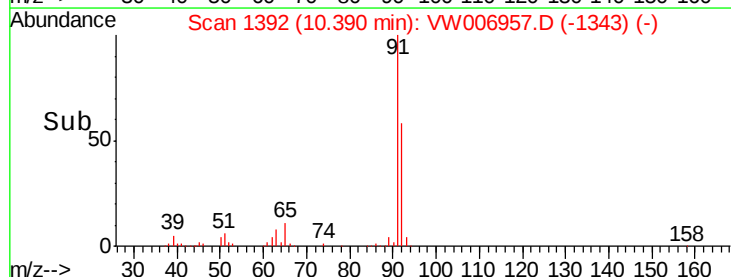
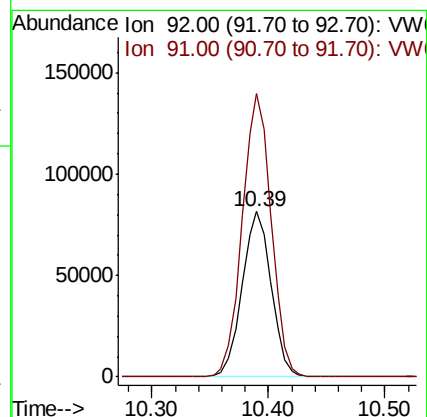
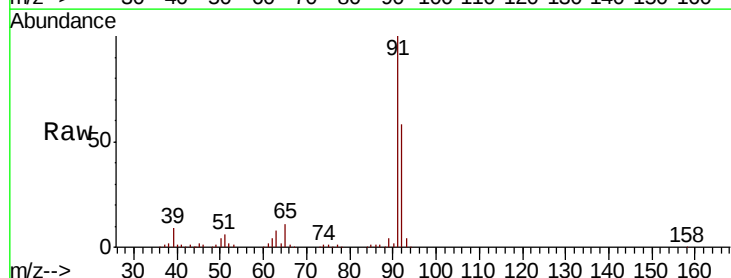
Acq: 19 Nov 2018 21:50

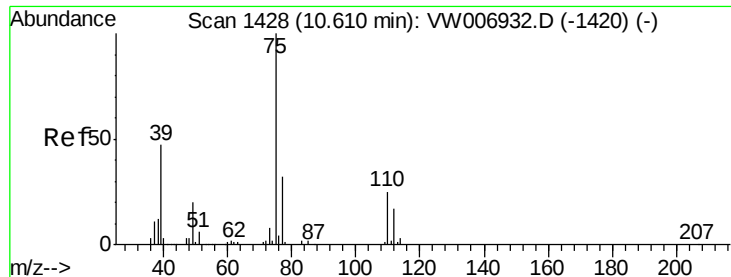
Tgt Ion: 92 Resp: 141497

Ion Ratio Lower Upper

92 100

91 171.4 137.3 205.9





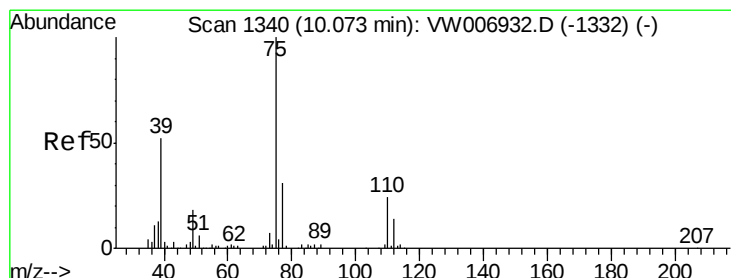
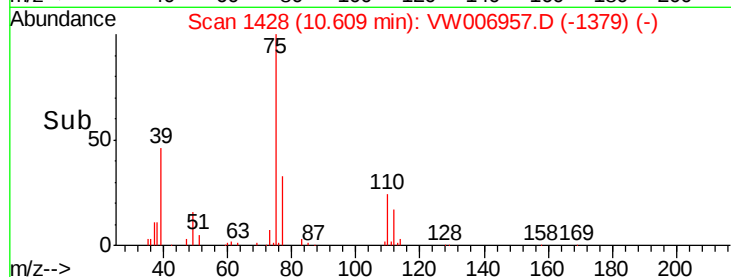
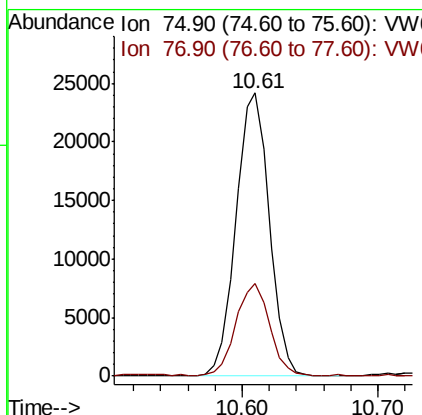
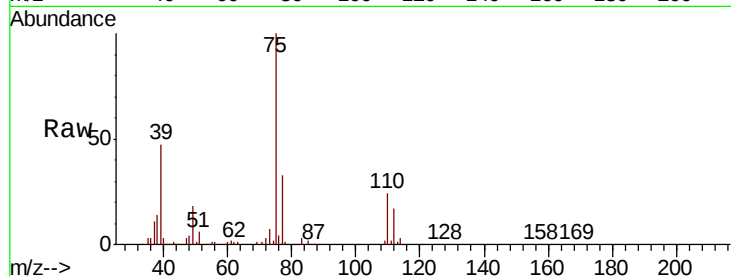
#53
 t-1,3-Dichloropropene
 Concen: 30.809 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Tot Ion: 75 Resp: 41328
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8

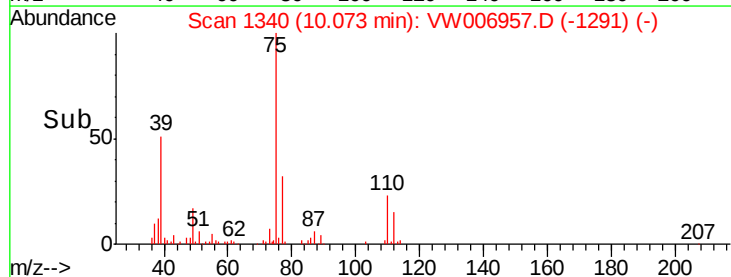
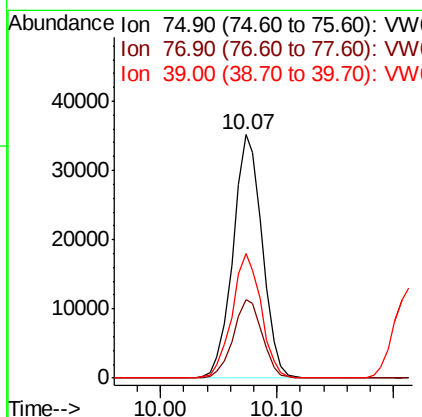
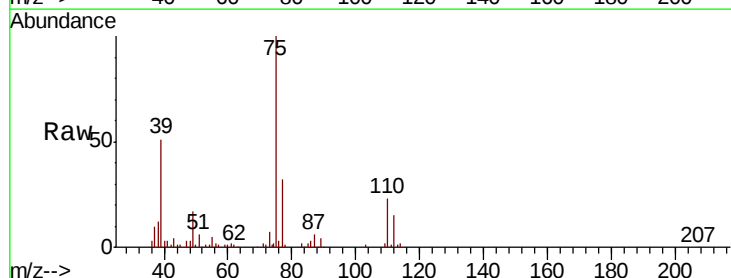
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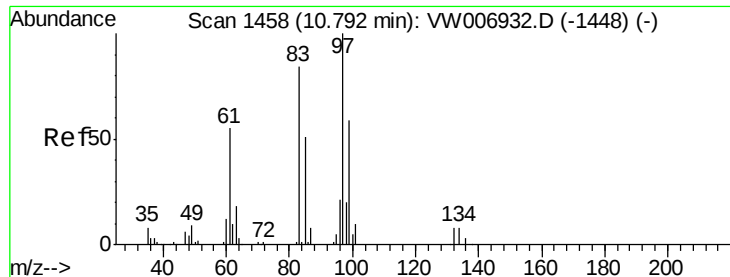
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#54
 cis-1,3-Dichloropropene
 Concen: 38.168 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion: 75 Resp: 61271
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0
 39 51.4 41.4 62.2





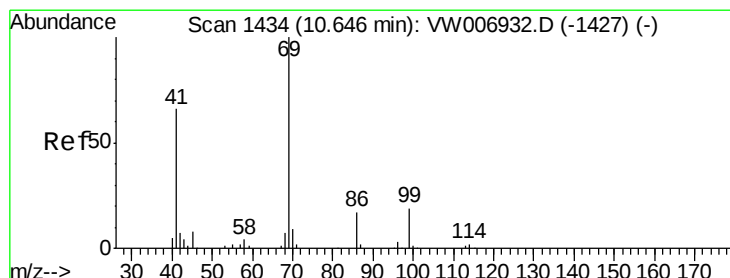
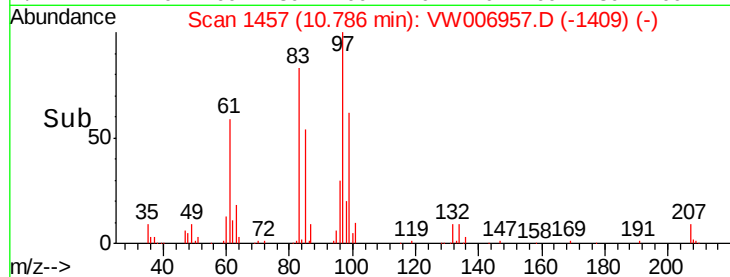
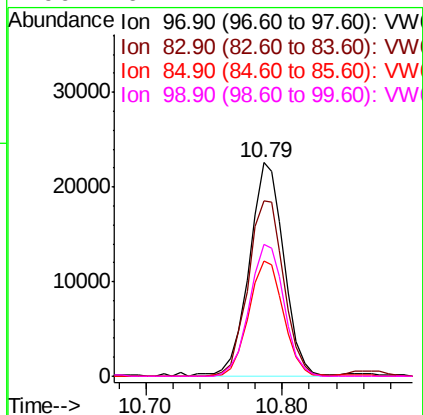
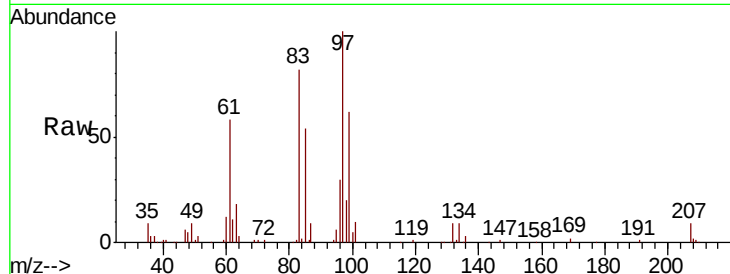
#55
 1,1,2-Trichloroethane
 Concen: 52.575 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Tot Ion	Ratio	Resp	Lower	Upper
97	100			
83	82.2	67.5	101.3	
85	53.9	41.0	61.6	
99	61.7	47.4	71.2	

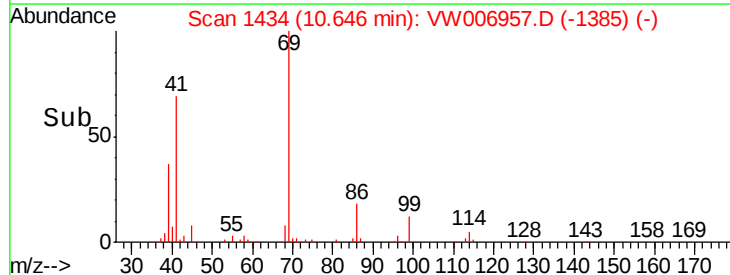
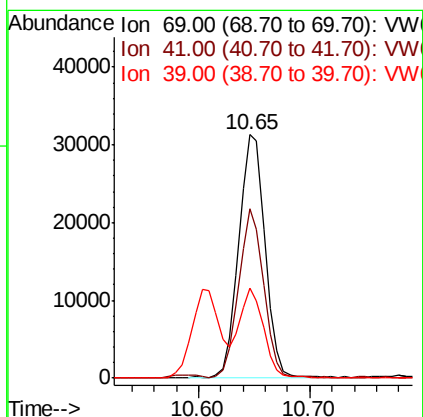
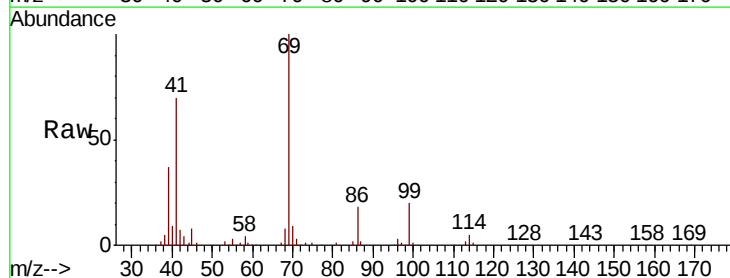
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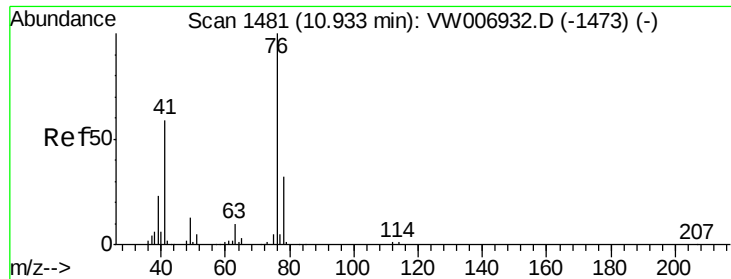
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#56
 Ethyl methacrylate
 Concen: 53.415 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
69	100			
41	67.0	53.8	80.6	
39	33.9	29.0	43.6	





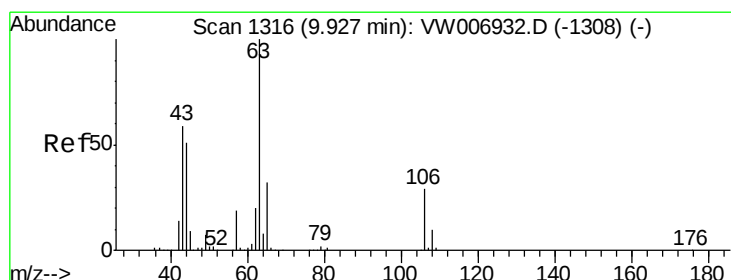
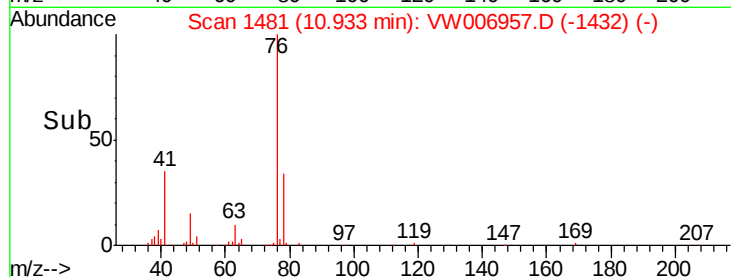
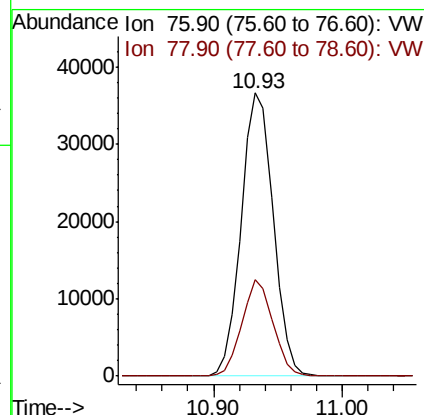
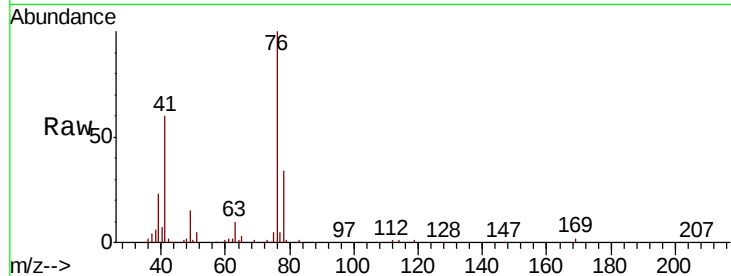
#57
 1,3-Dichloropropane
 Concen: 48.180 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Tot Ion: 76 Resp: 63005
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0

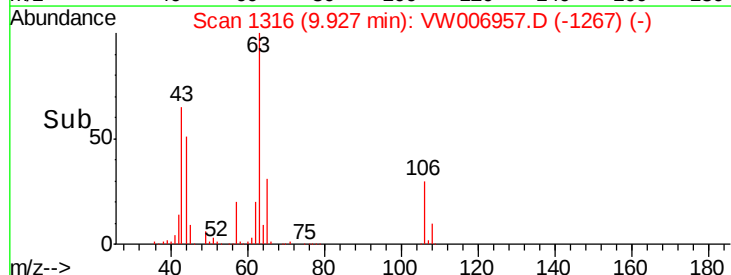
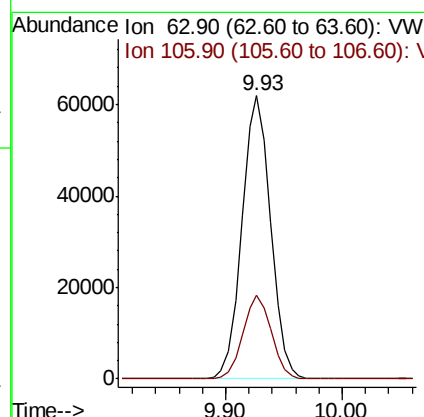
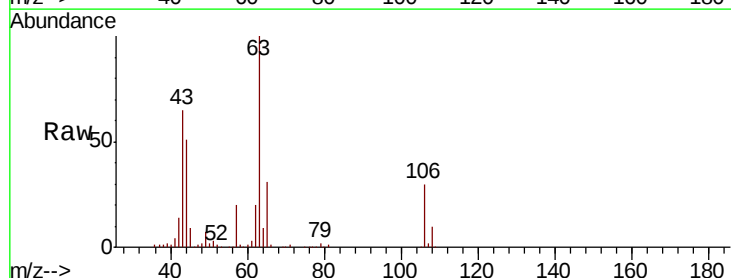
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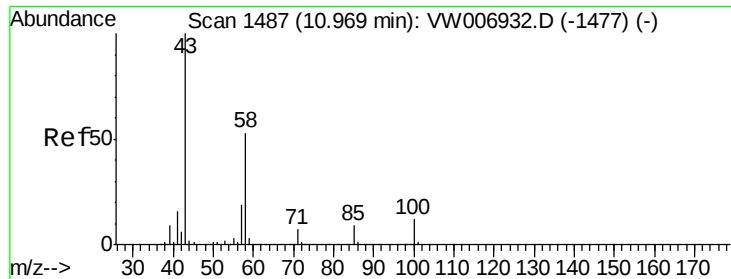
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.196 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion: 63 Resp: 106266
 Ion Ratio Lower Upper
 63 100
 106 29.2 22.6 33.8





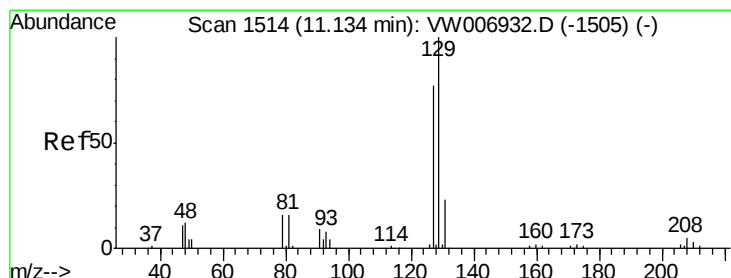
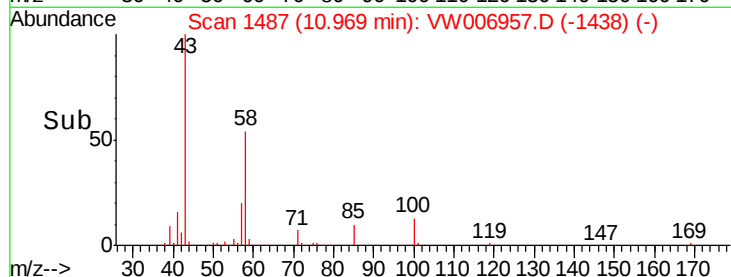
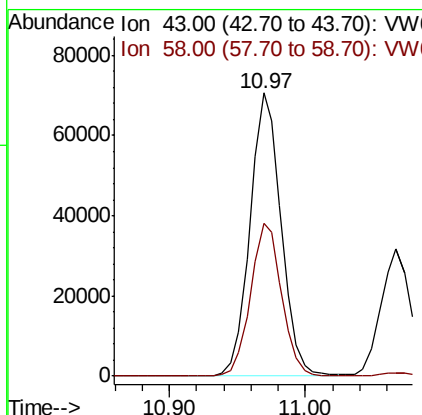
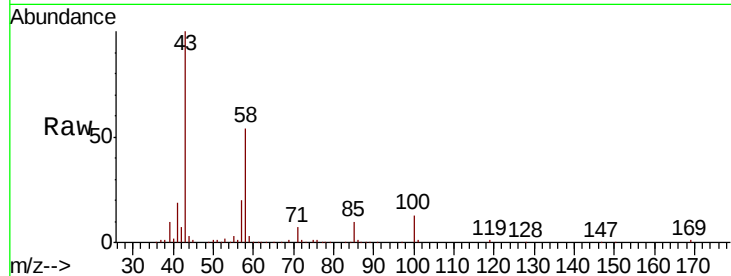
#59
2-Hexanone
Concen: 291.520 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion: 43 Resp: 113112
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.4

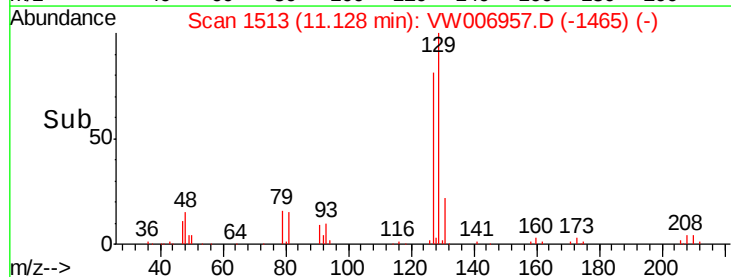
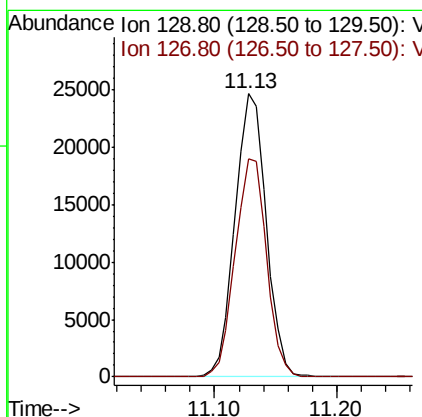
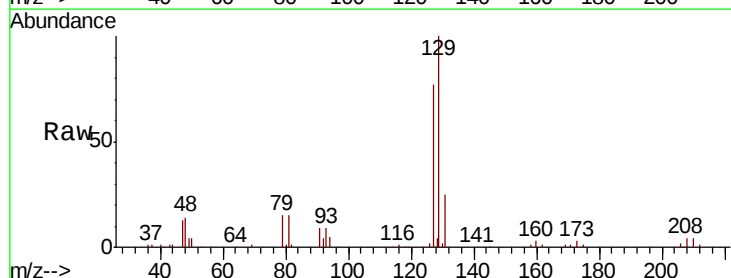
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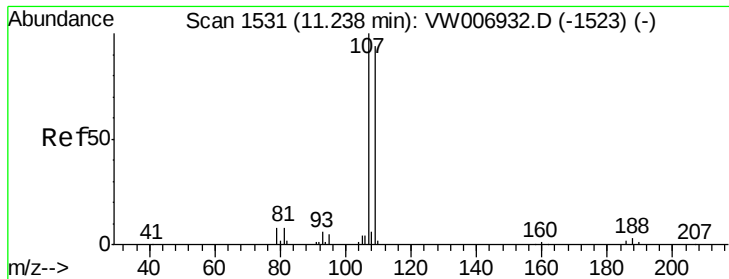
apatel
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#60
Dibromochloromethane
Concen: 49.703 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion: 129 Resp: 43564
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3





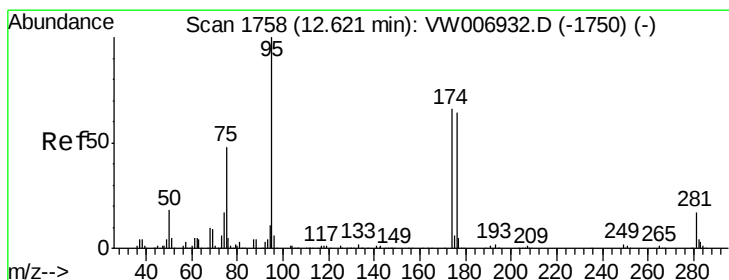
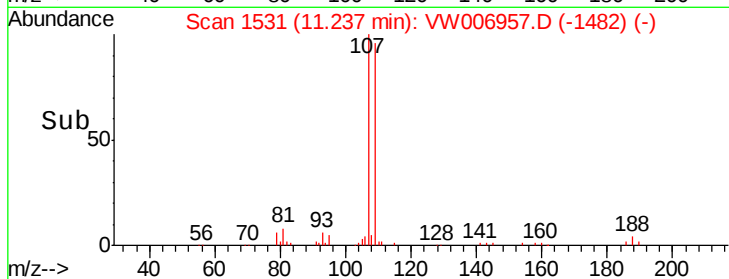
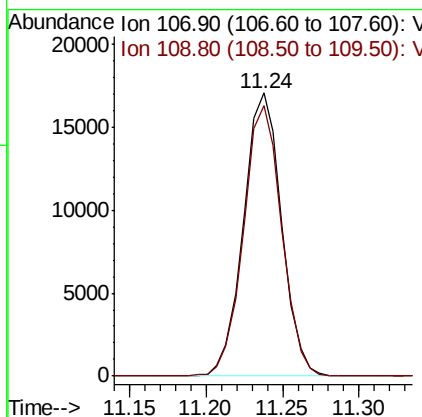
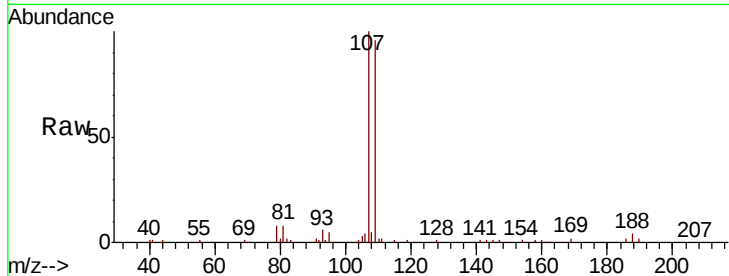
#61
 1,2-Dibromoethane
 Concen: 41.278 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	75.5	113.3

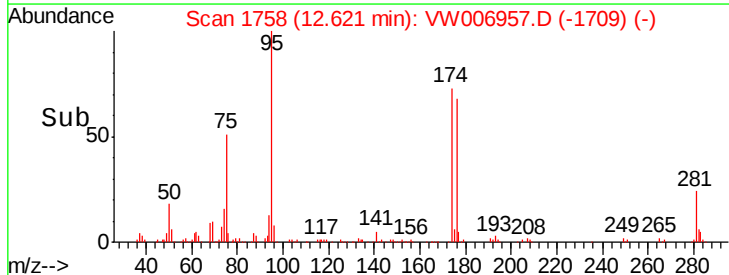
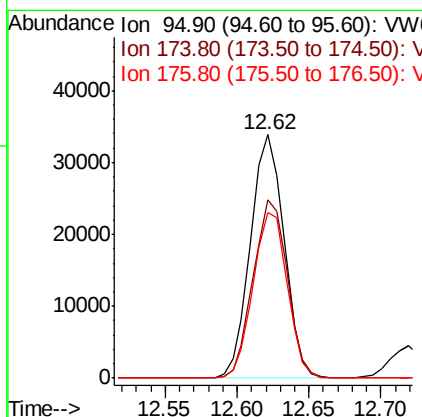
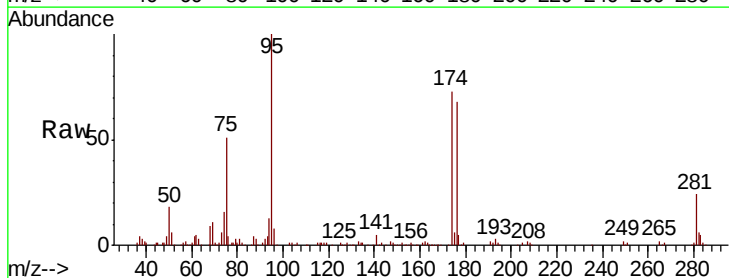
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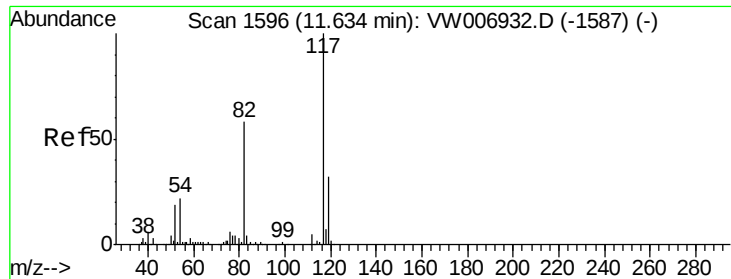
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#62
 4-Bromofluorobenzene
 Concen: 36.605 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	138.4
176	69.5	0.0	133.4





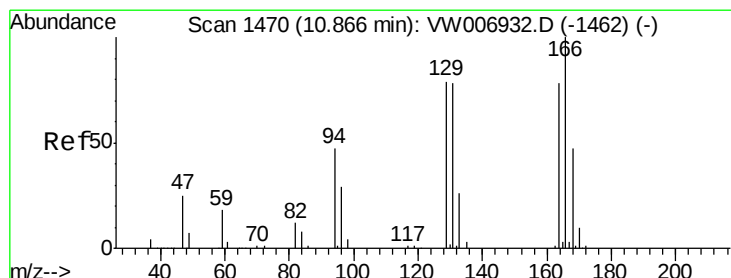
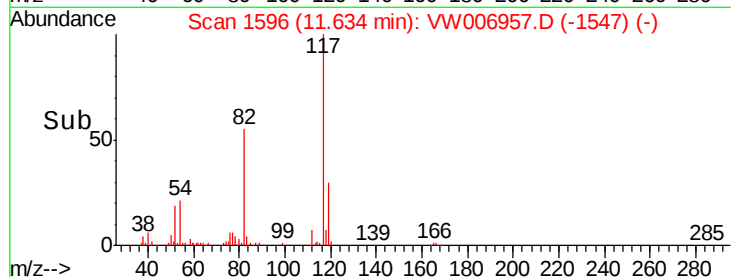
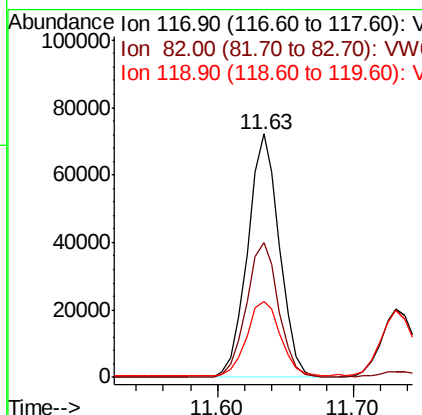
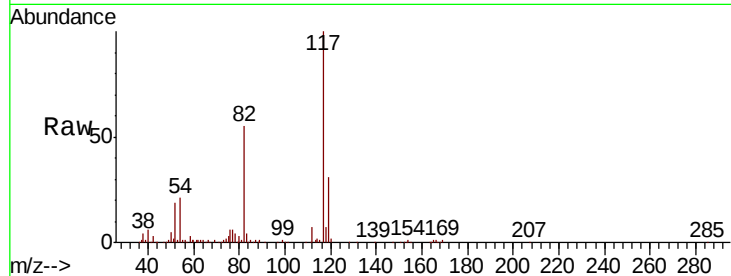
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.2	69.2
119	30.4	25.5	38.3

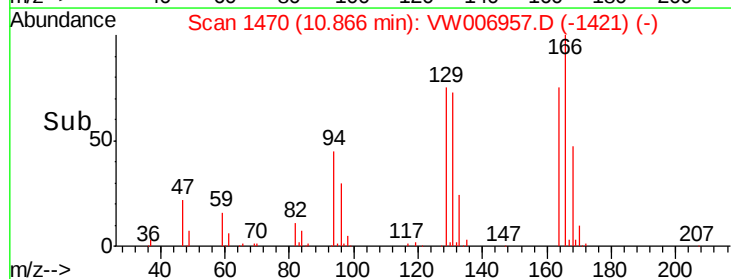
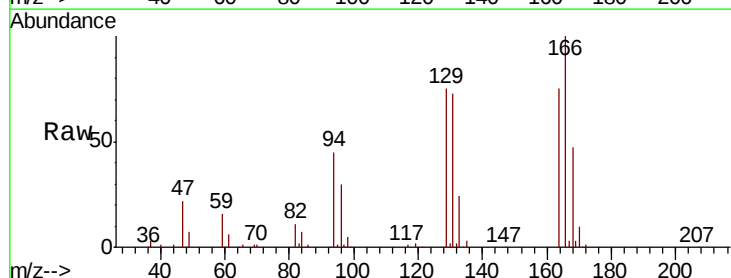
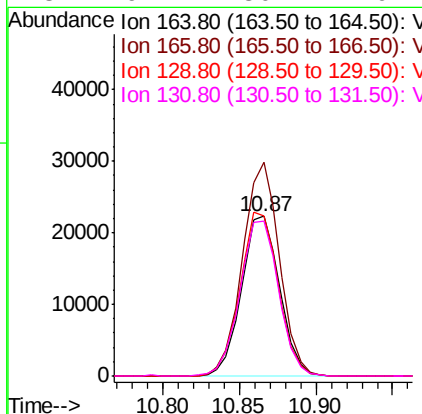
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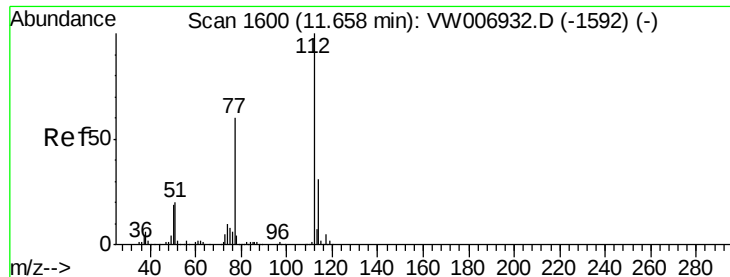
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#64
Tetrachloroethene
Concen: 51.150 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.6	102.6	154.0
129	100.4	81.0	121.4
131	97.1	80.2	120.2





#65

Chlorobenzene

Concen: 52.195 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:112 Resp: 129488

Ion Ratio Lower Upper

112 100

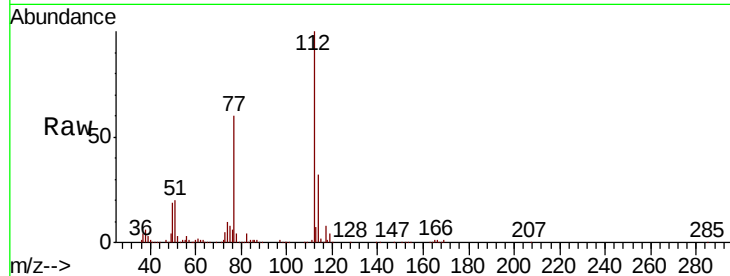
114 32.1 24.6 37.0

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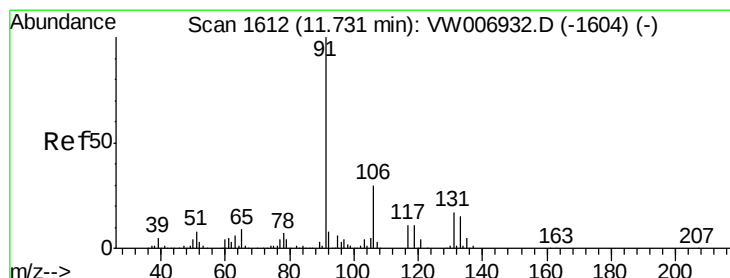
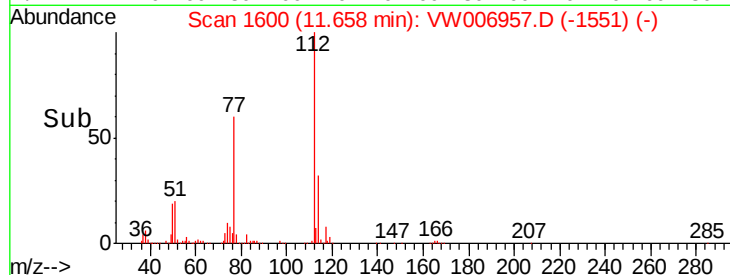
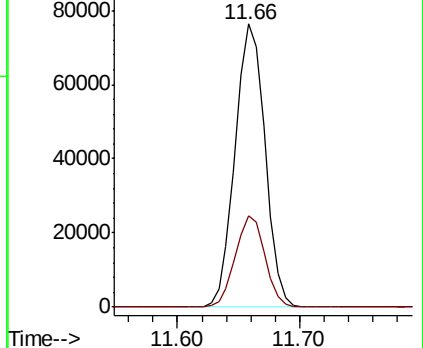
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 63.602 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

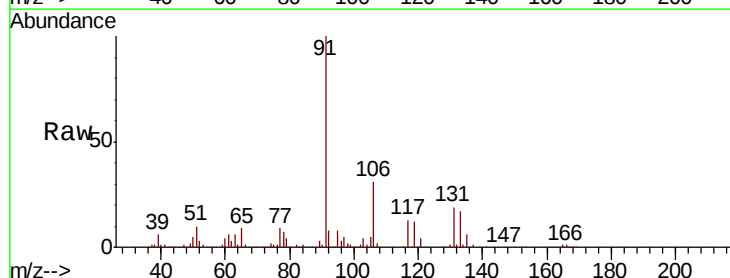
Tgt Ion:131 Resp: 50283

Ion Ratio Lower Upper

131 100

133 94.5 47.2 141.6

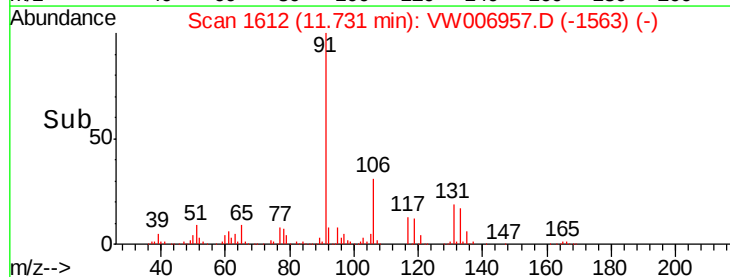
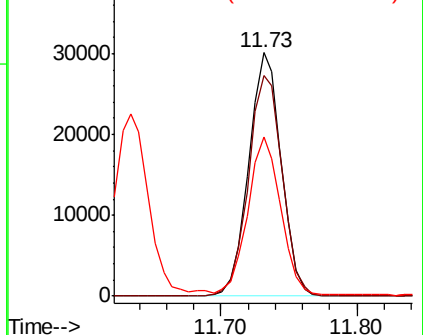
119 66.1 32.5 97.4

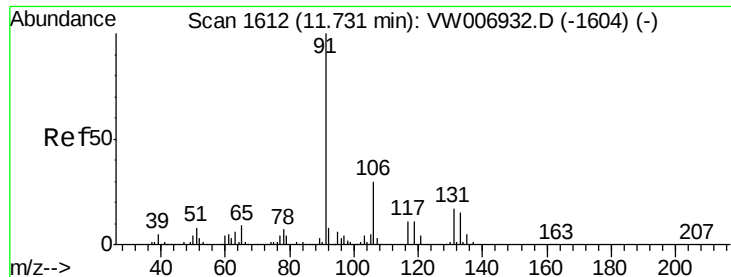


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 57.125 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 91 Resp: 255507

Ion Ratio Lower Upper

91 100

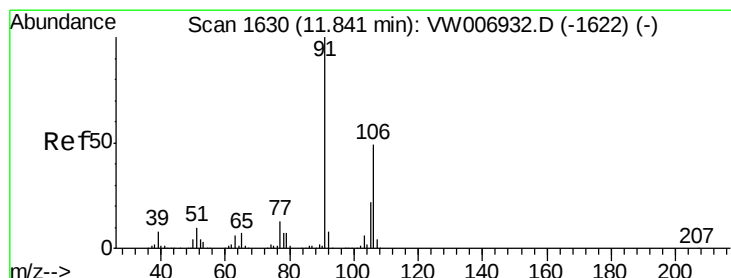
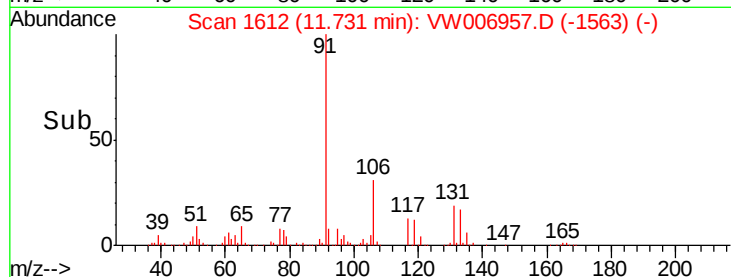
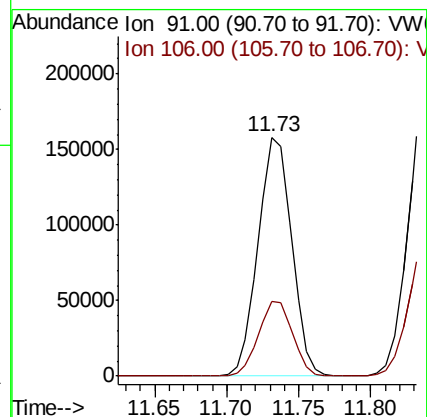
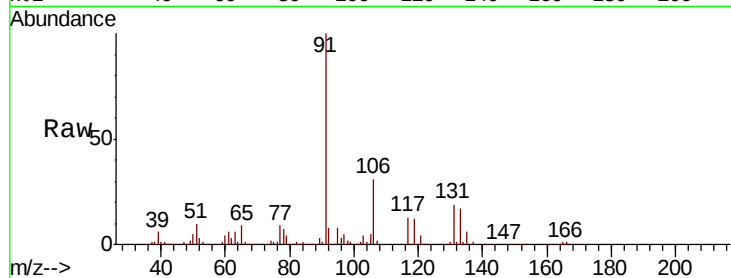
106 31.2 24.0 36.0

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#68

m/p-Xylenes

Concen: 114.994 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW006957.D

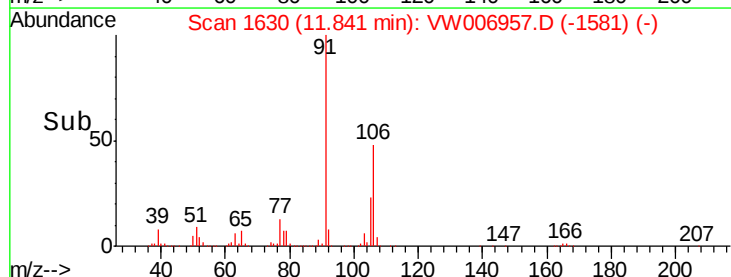
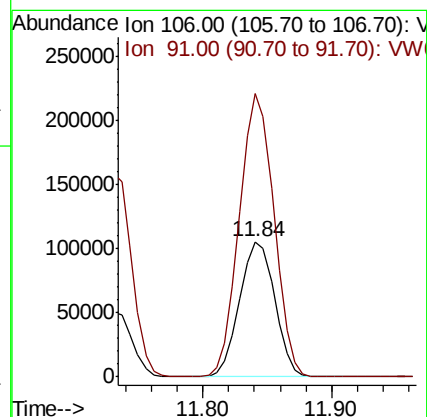
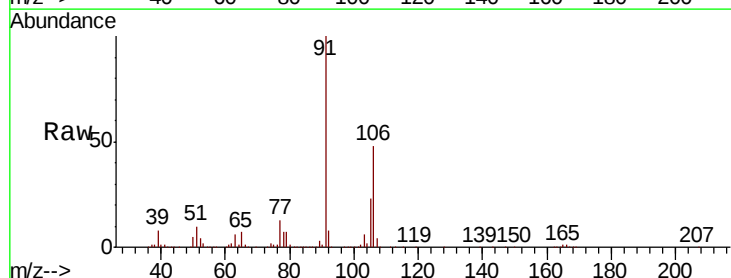
Acq: 19 Nov 2018 21:50

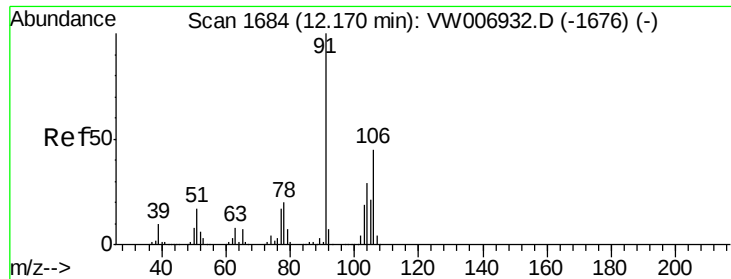
Tgt Ion: 106 Resp: 200292

Ion Ratio Lower Upper

106 100

91 206.0 165.0 247.4





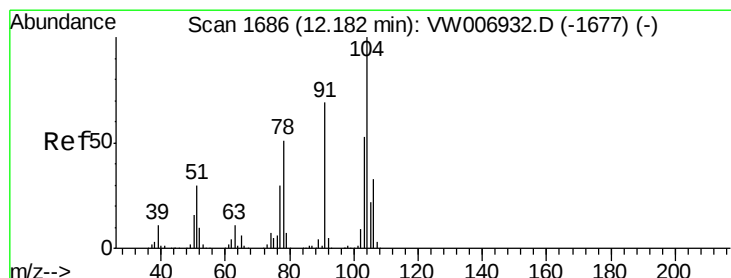
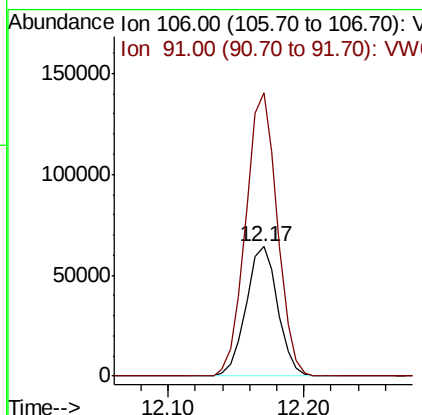
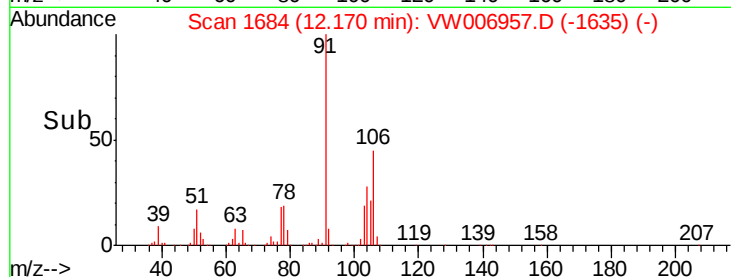
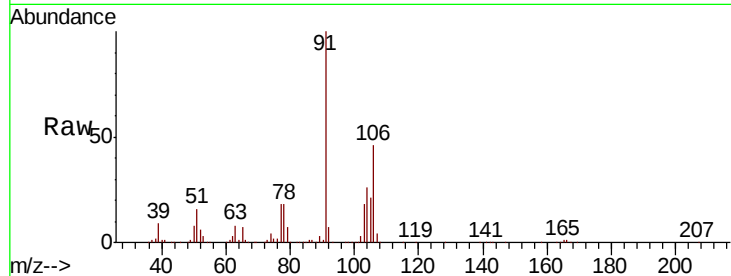
#69
o-Xylene
Concen: 63.445 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion:106 Resp: 104881
Ion Ratio Lower Upper
106 100
91 217.8 109.2 327.6

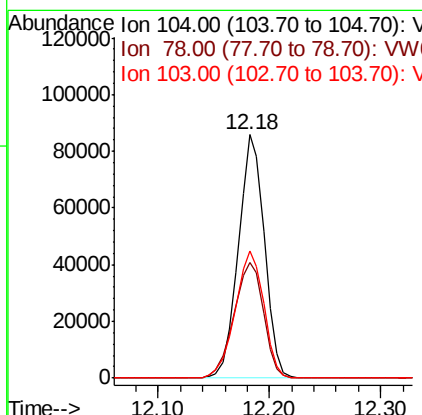
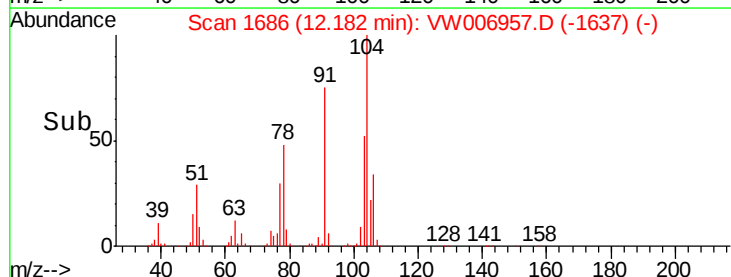
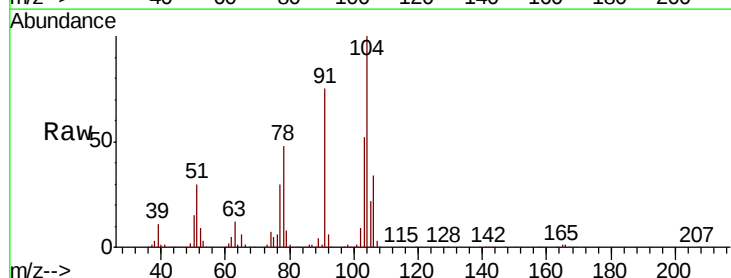
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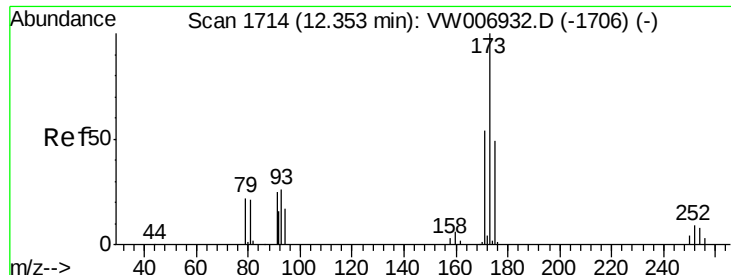
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#70
Styrene
Concen: 52.161 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion:104 Resp: 138667
Ion Ratio Lower Upper
104 100
78 54.0 42.5 63.7
103 57.4 44.3 66.5





#71

Bromoform

Concen: 60.580 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:173 Resp: 22328

Ion Ratio Lower Upper

173 100

175 49.5 24.0 72.0

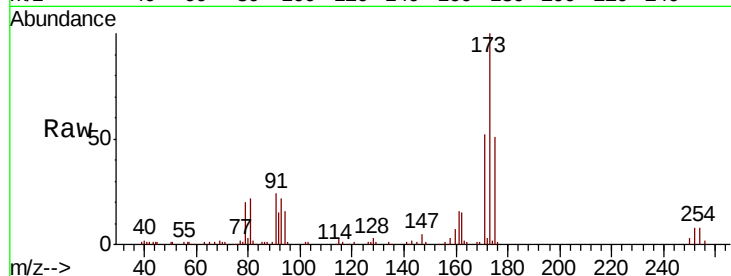
254 0.0 0.0 0.0

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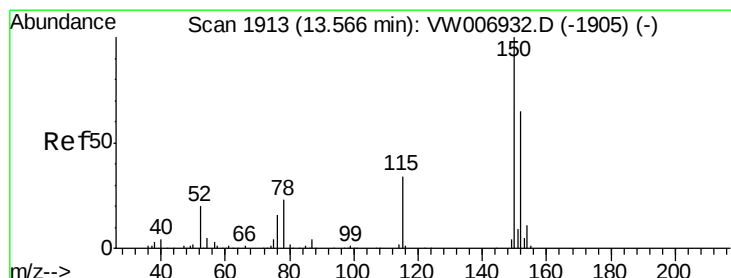
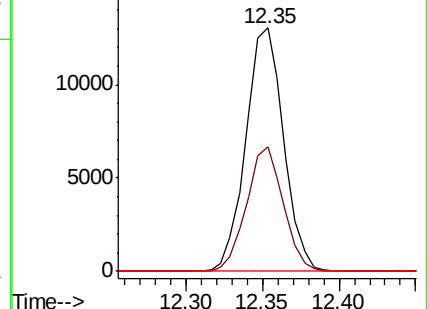
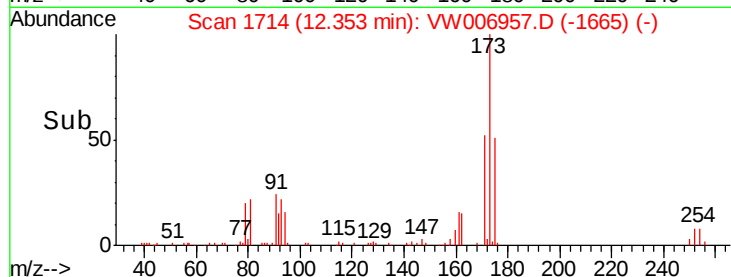
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

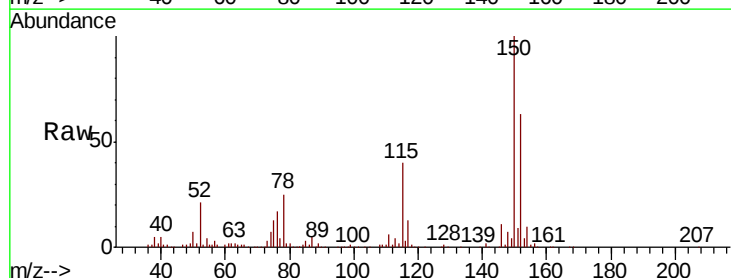
Tgt Ion:152 Resp: 39125

Ion Ratio Lower Upper

152 100

115 62.8 31.6 94.7

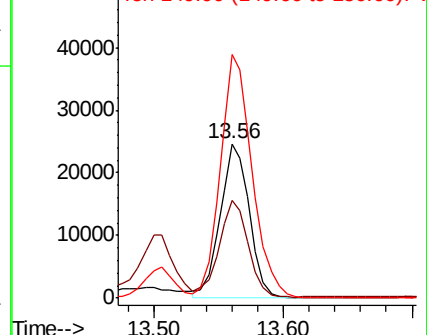
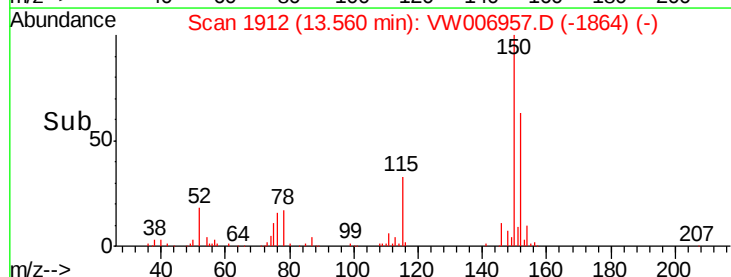
150 171.7 0.0 350.0

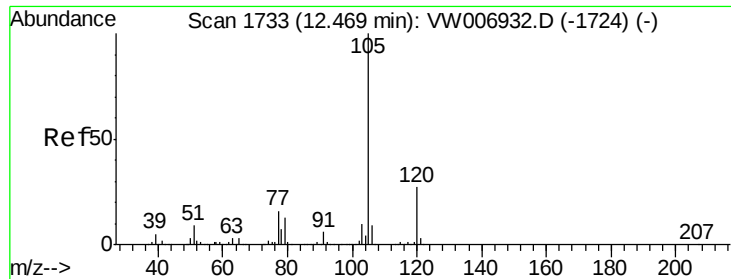


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 78.015 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:105 Resp: 241730

Ion Ratio Lower Upper

105 100

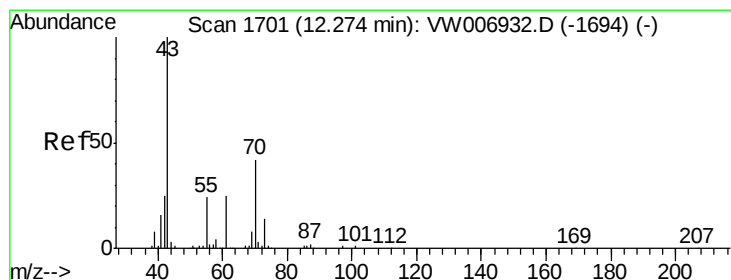
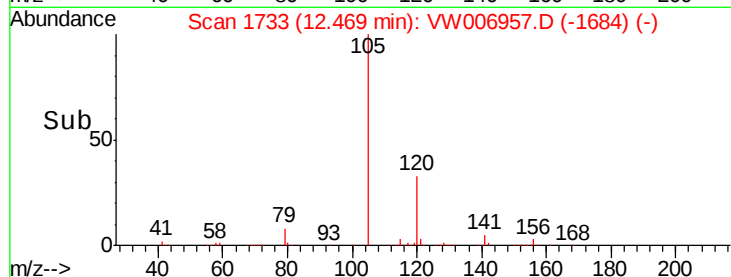
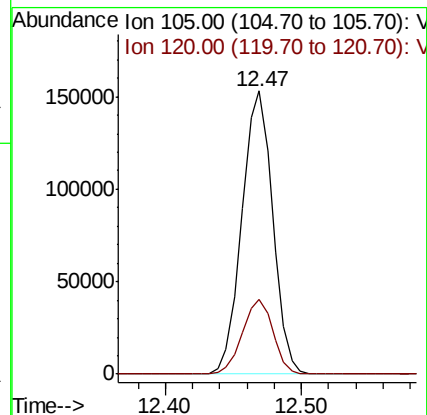
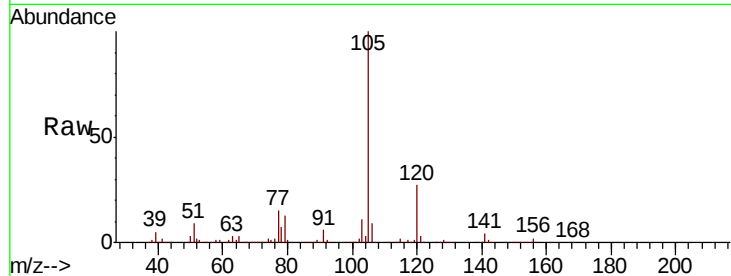
120 26.3 13.2 39.6

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#74

N-ethyl acetate

Concen: 85.482 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion: 43 Resp: 53009

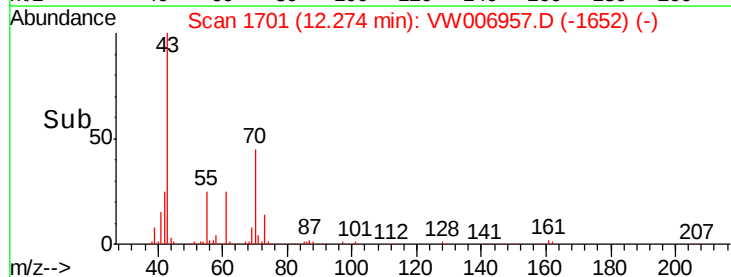
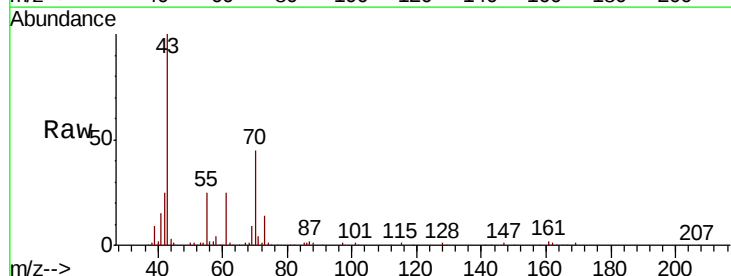
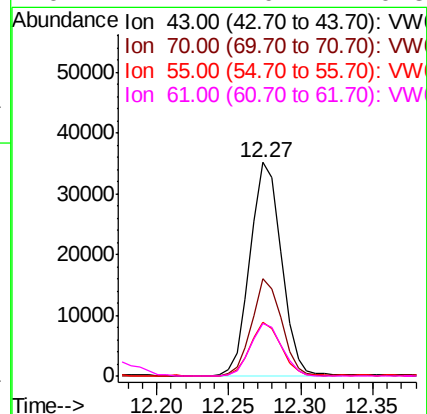
Ion Ratio Lower Upper

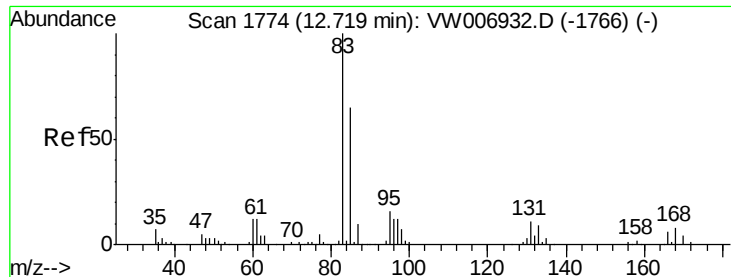
43 100

70 43.1 34.2 51.4

55 24.7 19.5 29.3

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 93.114 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

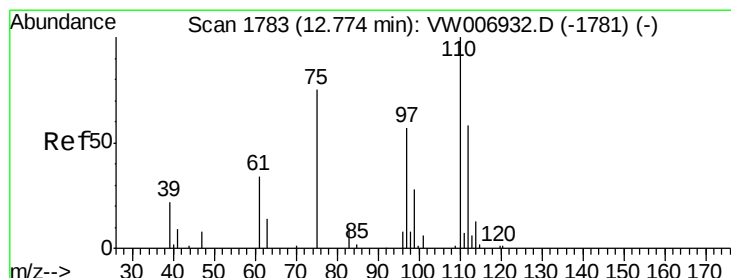
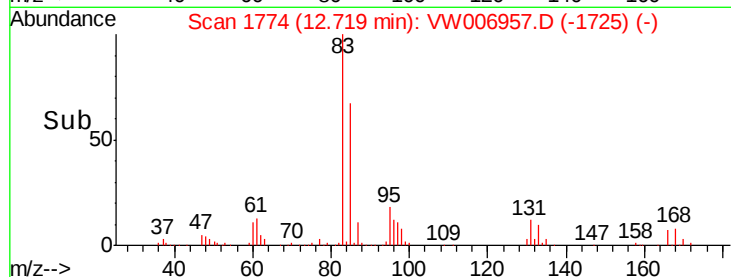
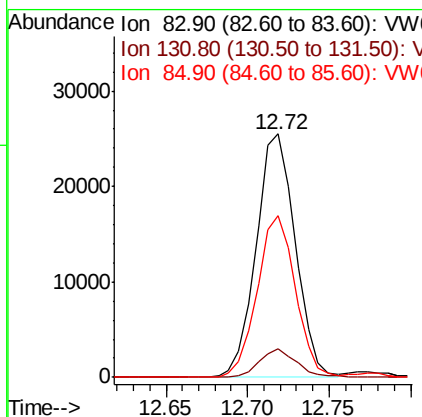
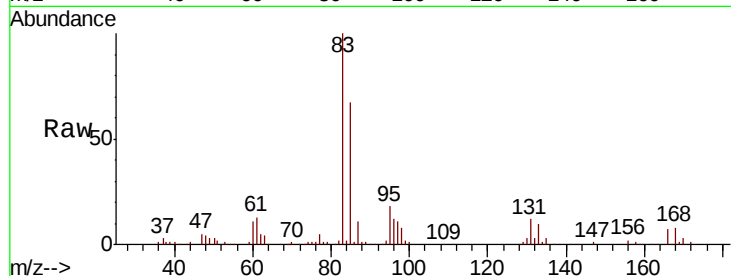
ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:	83	Resp:	42439
Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.6	16.8
85	64.9	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 99.753 ug/l m

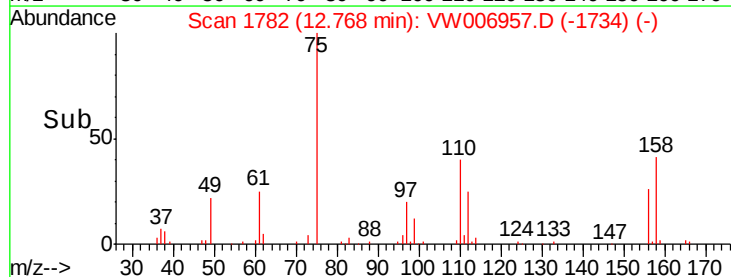
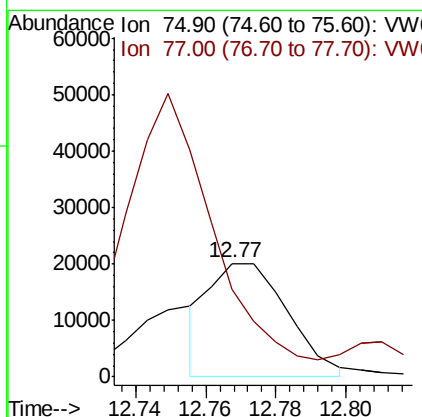
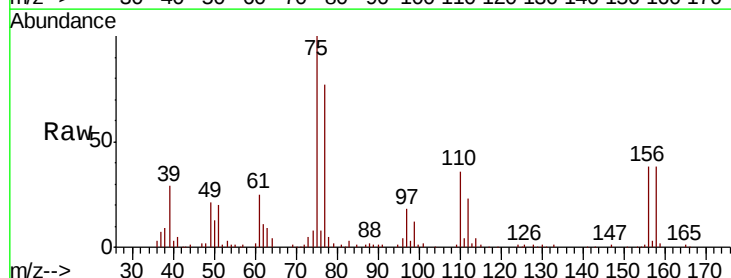
RT: 12.77 min Scan# 1782

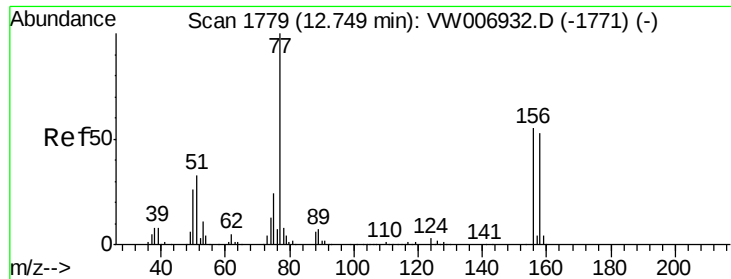
Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion:	75	Resp:	31364
Ion	Ratio	Lower	Upper
75	100		
77	288.2	0.0	0.0#





#77

Bromobenzene

Concen: 70.208 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

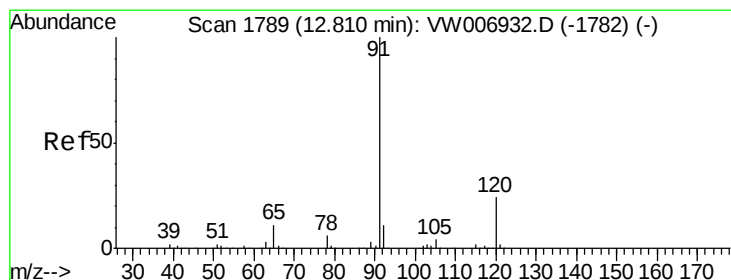
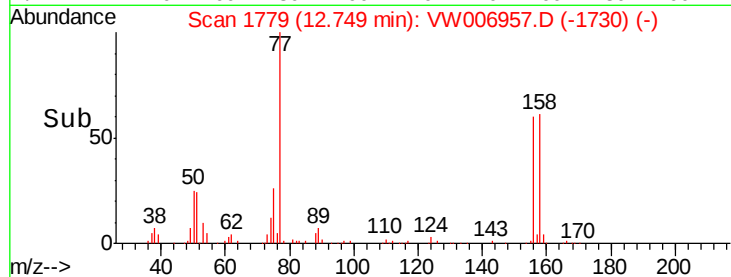
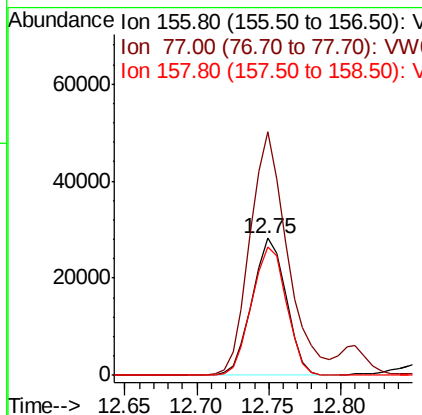
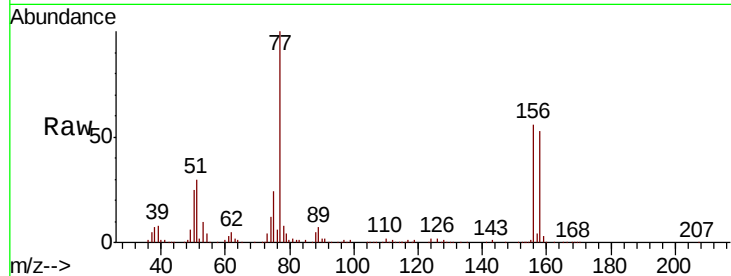
ClientSampleId :

DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.1	97.8	293.3
158	95.2	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 62.929 ug/l

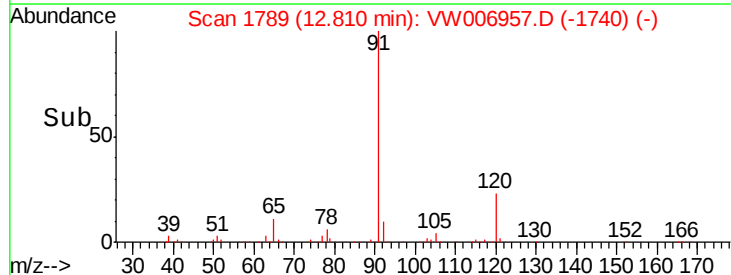
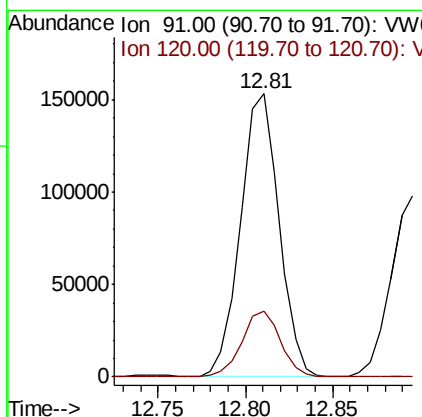
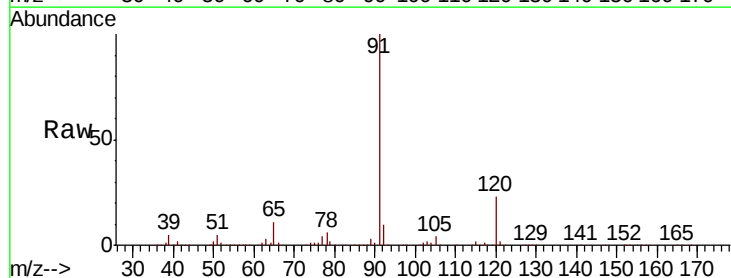
RT: 12.81 min Scan# 1789

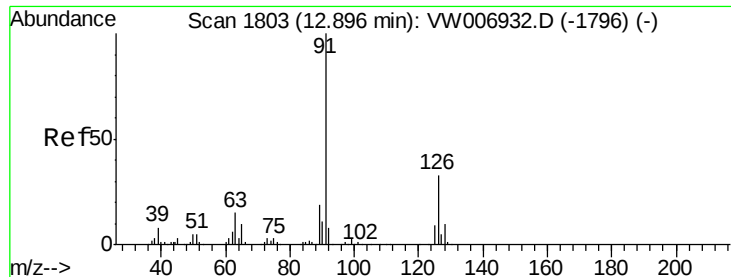
Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5





#79

2-Chlorotoluene

Concen: 72.215 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion: 91 Resp: 157570

Ion Ratio Lower Upper

91 100

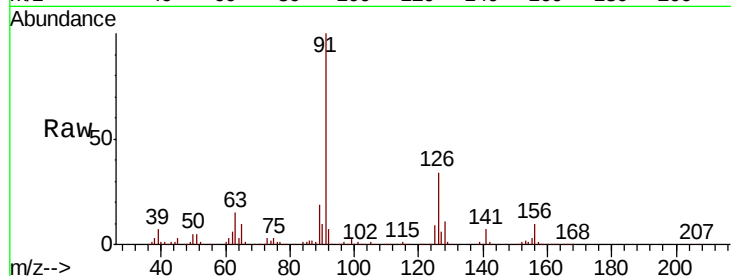
126 33.5 16.6 49.7

Manual Integrations

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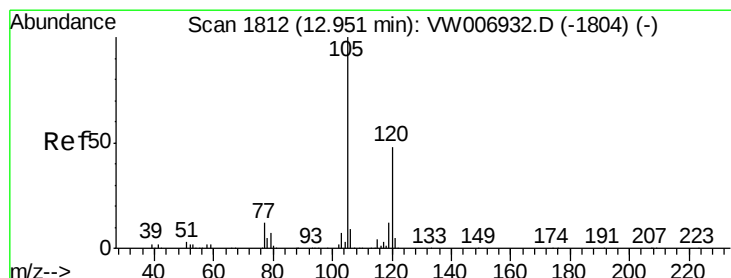
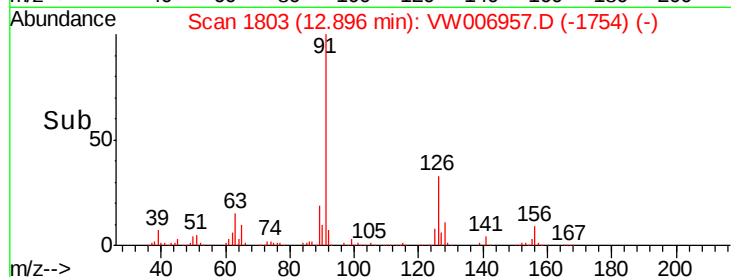
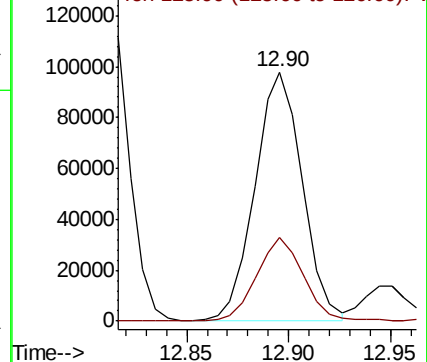
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 73.918 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006957.D

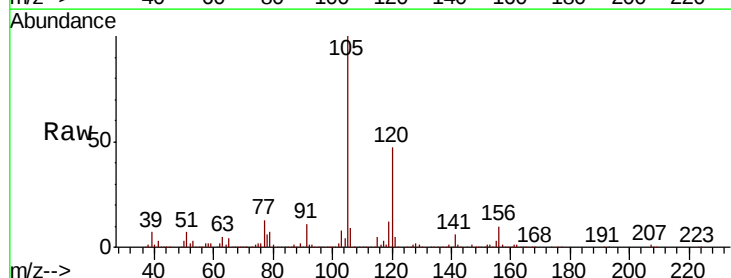
Acq: 19 Nov 2018 21:50

Tgt Ion:105 Resp: 197215

Ion Ratio Lower Upper

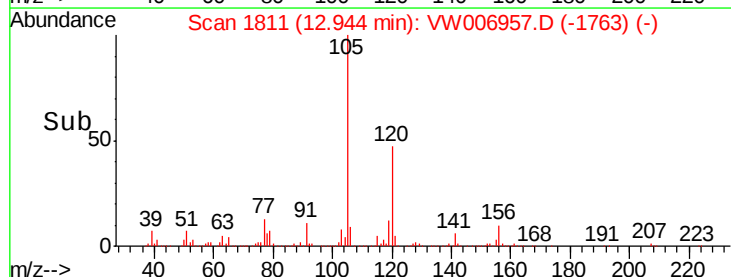
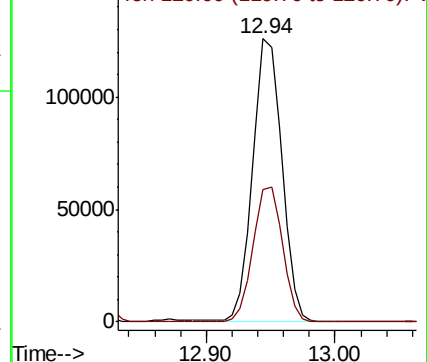
105 100

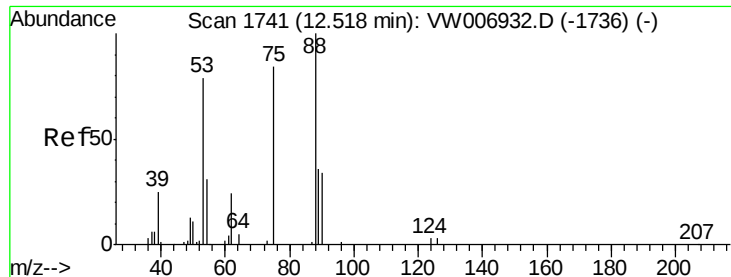
120 48.3 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.221 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

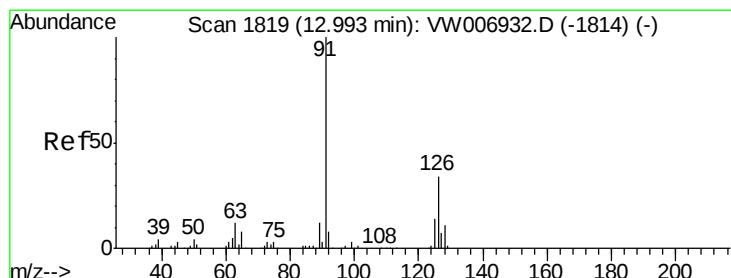
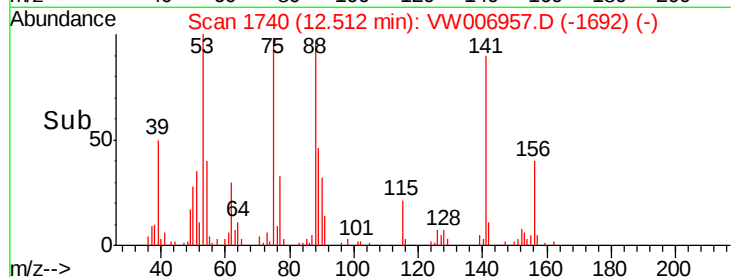
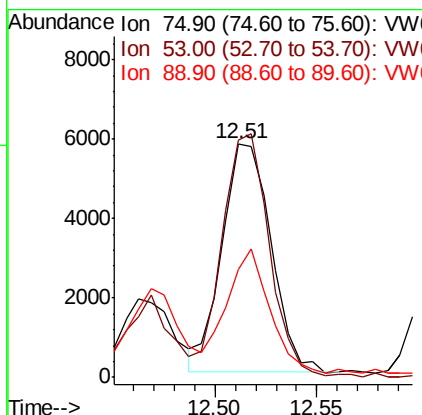
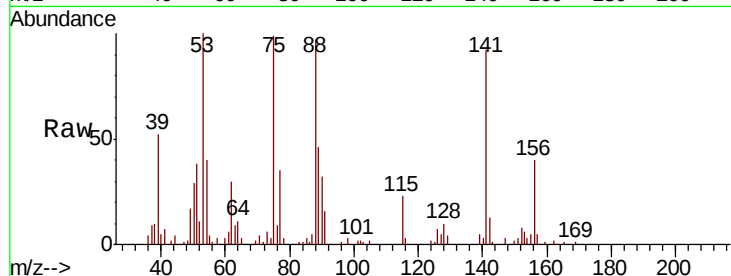
ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:	75	Resp:	9561
Ion	Ratio	Lower	Upper
75	100		
53	101.3	79.3	118.9
89	48.3	39.5	59.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 58.886 ug/l

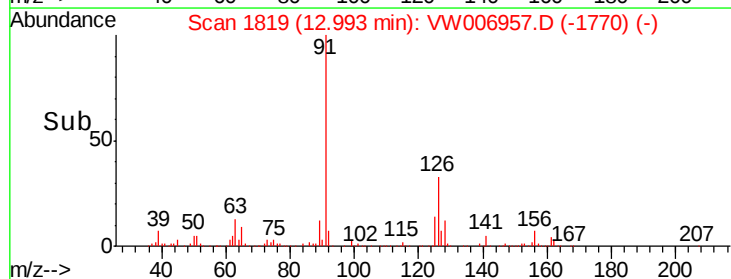
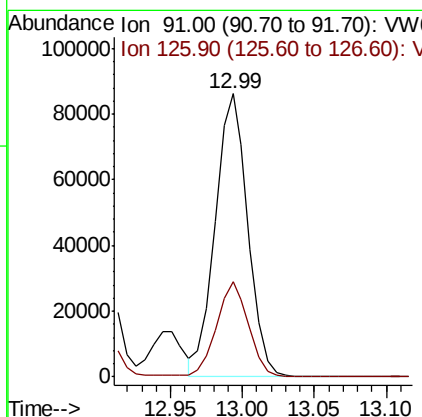
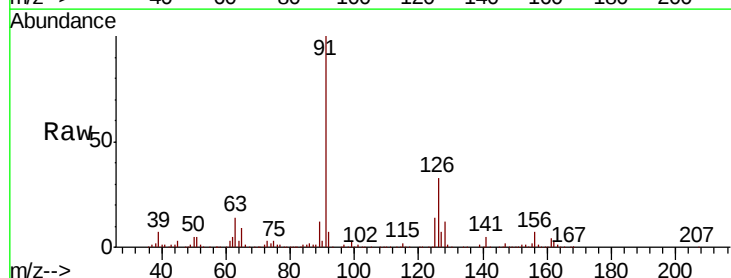
RT: 12.99 min Scan# 1819

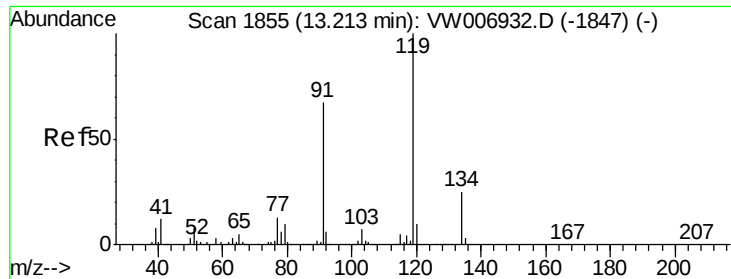
Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion:	91	Resp:	135468
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





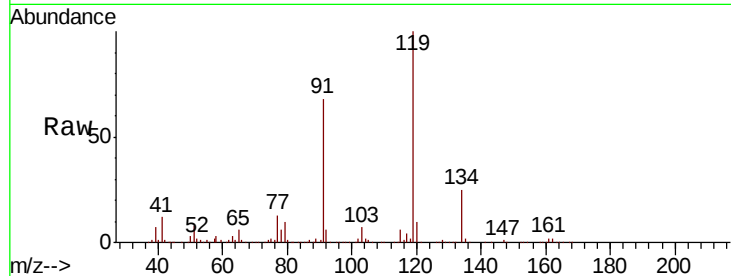
#83
tert-Butylbenzene
Concen: 69.882 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

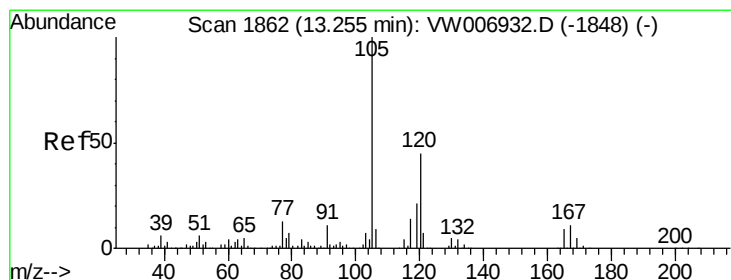
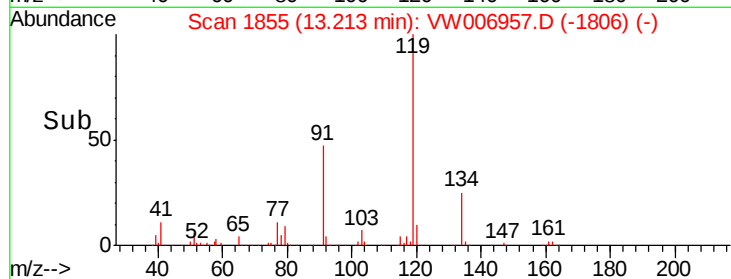
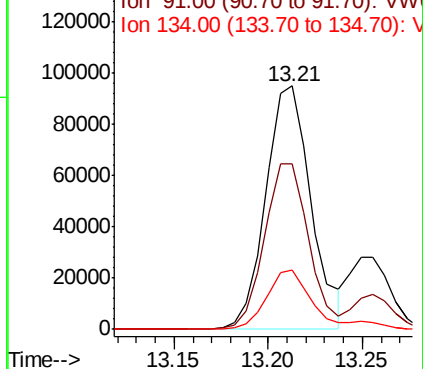
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.8	101.4
134	24.0	12.6	37.8

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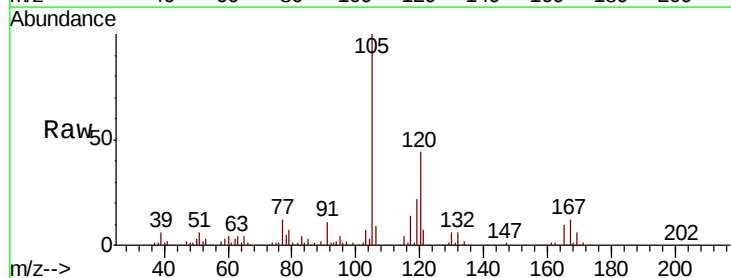


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

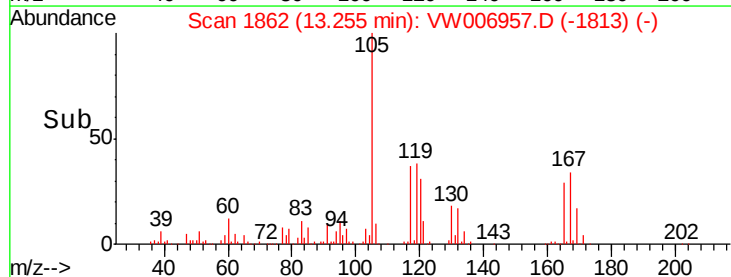
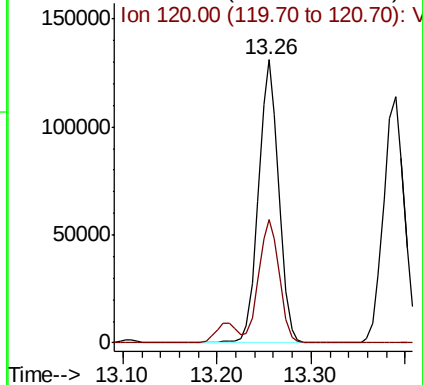


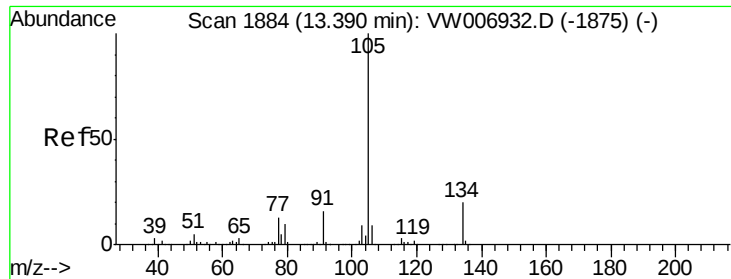
#84
1,2,4-Trimethylbenzene
Concen: 74.340 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.110 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MSD

Tot Ion:105 Resp: 174930

Ion Ratio Lower Upper

105 100

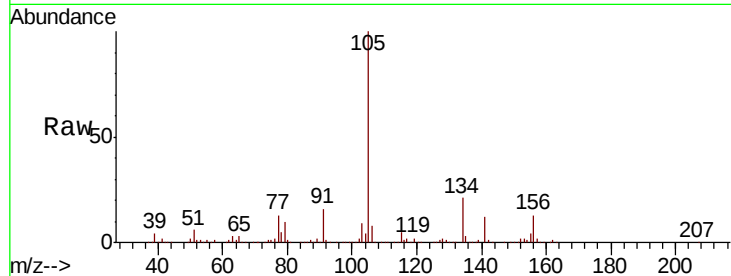
134 20.2 9.8 29.4

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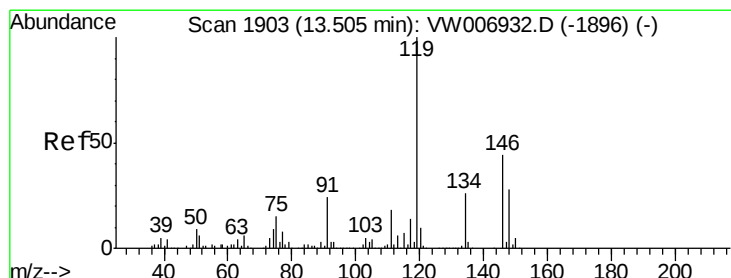
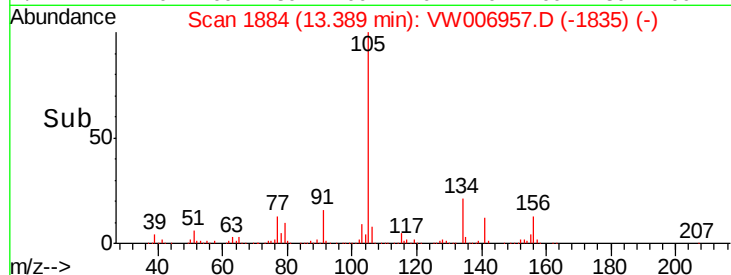
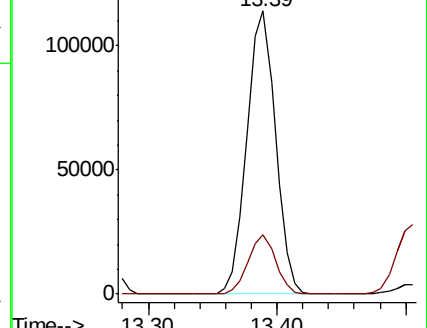
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.606 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

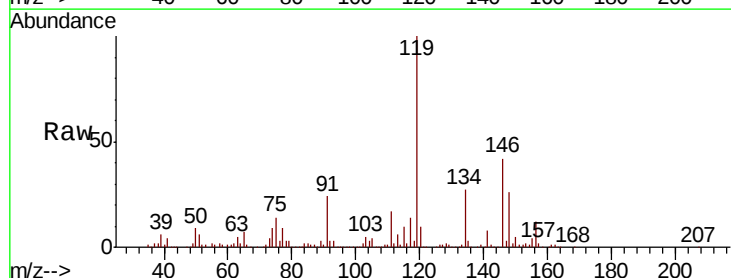
Tgt Ion:119 Resp: 159939

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

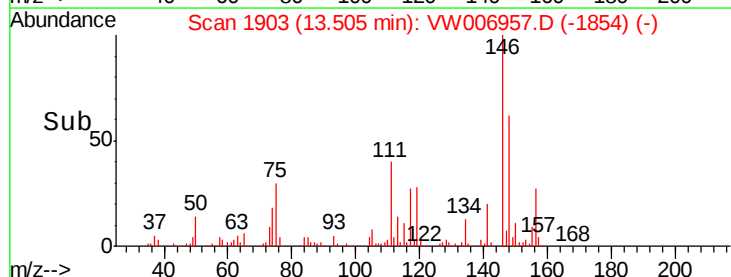
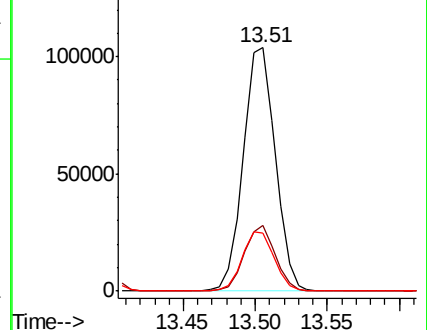
91 24.5 12.4 37.2

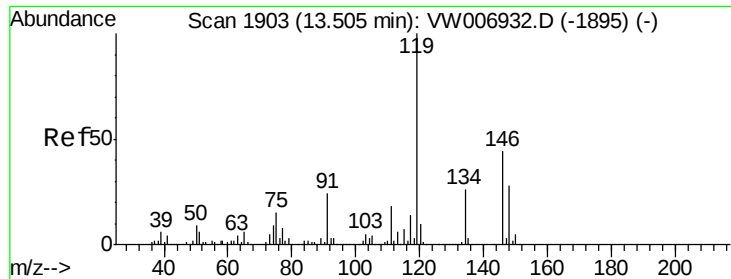


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.273 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

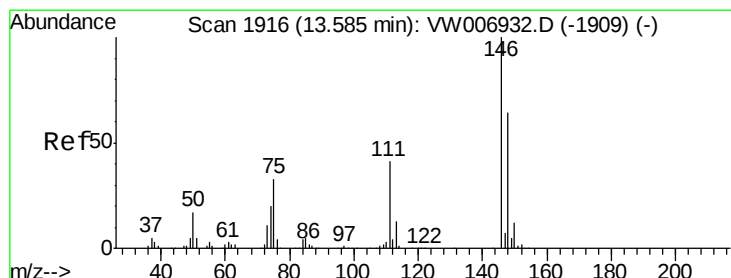
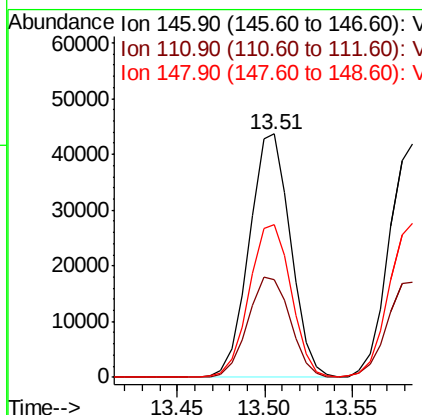
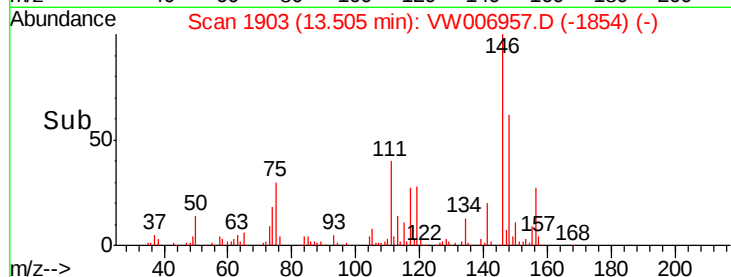
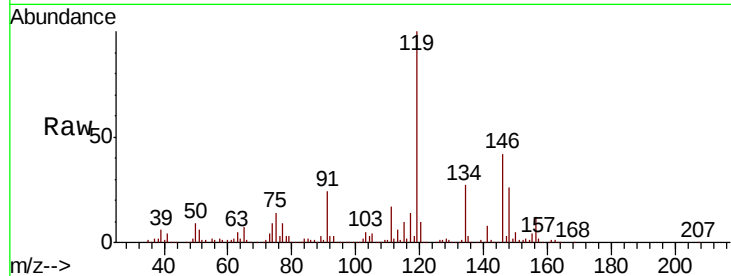
Instrument :
MSVOA_W

ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.9
148	63.8	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 49.830 ug/l

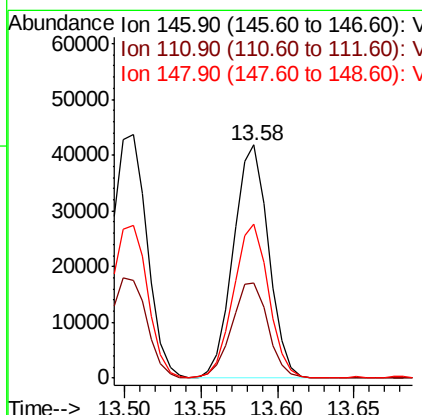
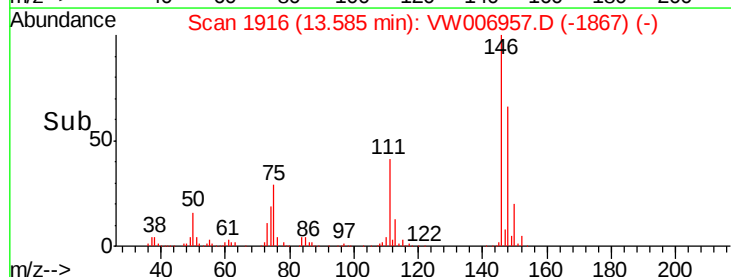
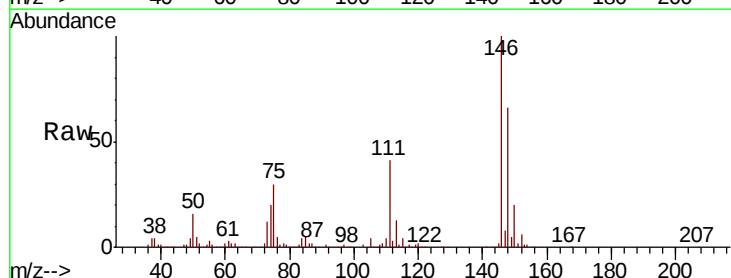
RT: 13.58 min Scan# 1916

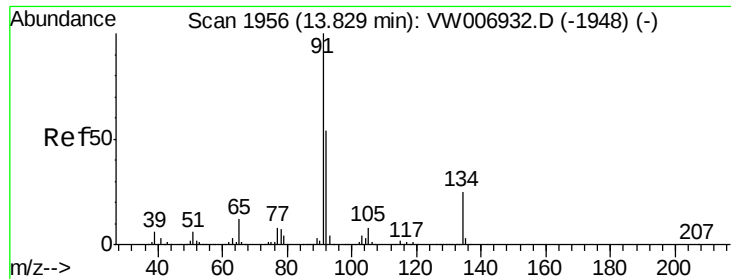
Delta R.T. -0.00 min

Lab File: VW006957.D

Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.7	62.1
148	65.5	31.9	95.9





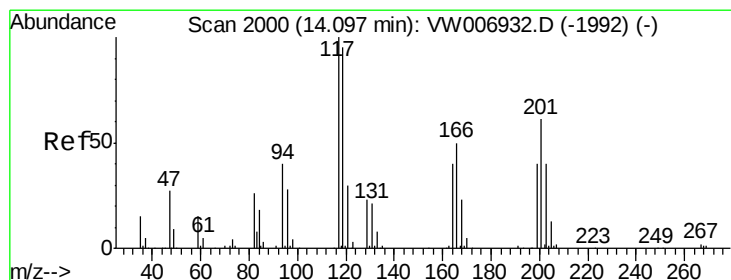
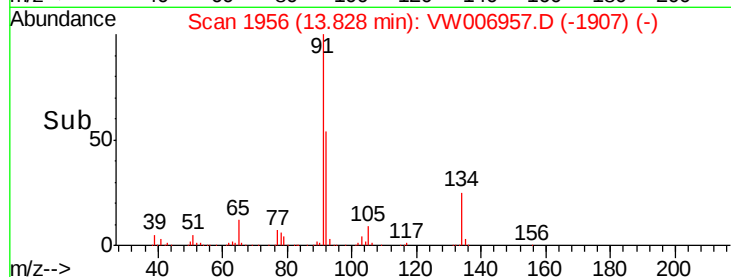
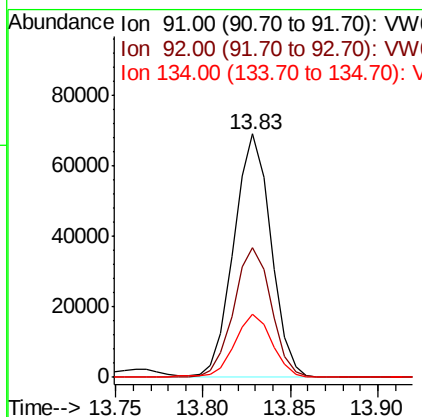
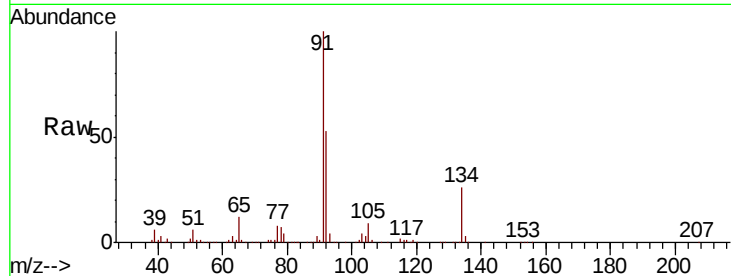
#89
n-Butylbenzene
Concen: 38.092 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.4	79.2
134	26.7	12.9	38.6

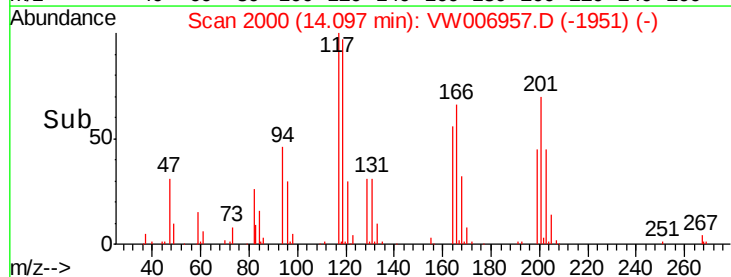
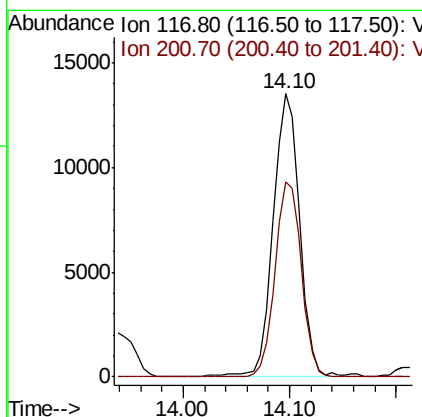
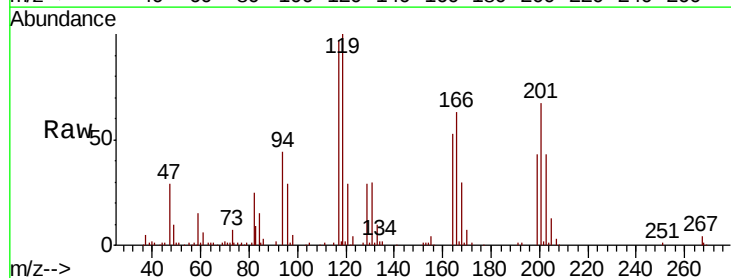
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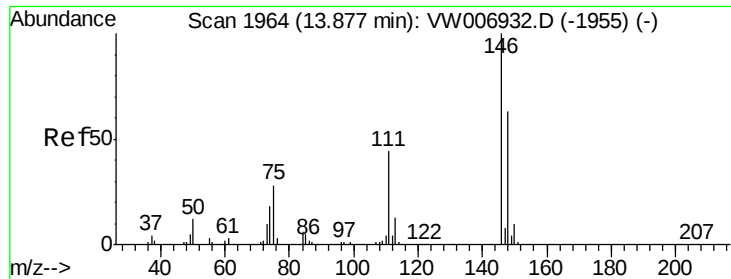
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#90
Hexachloroethane
Concen: 50.796 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.2	33.8	101.4





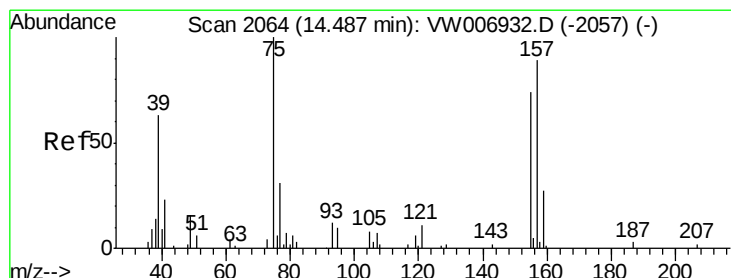
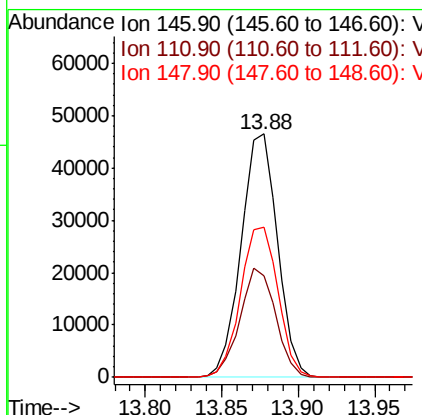
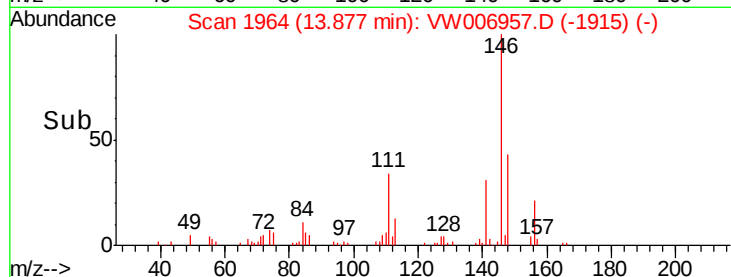
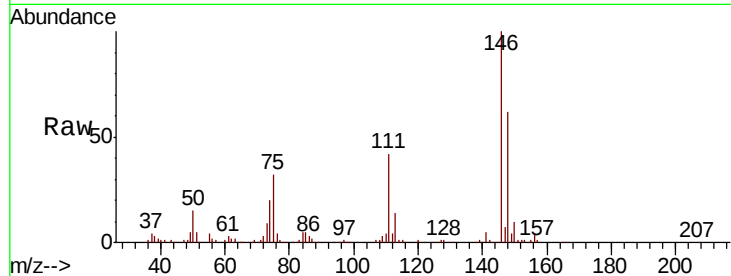
#91
 1,2-Dichlorobenzene
 Concen: 64.160 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.6	67.7
148	63.5	31.7	95.1

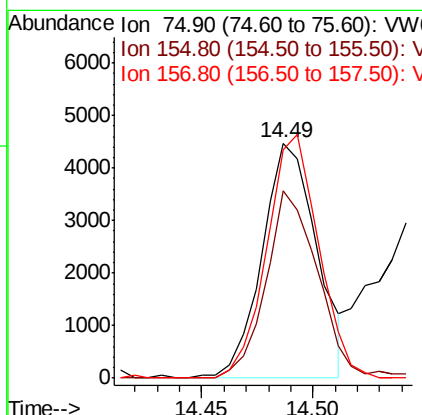
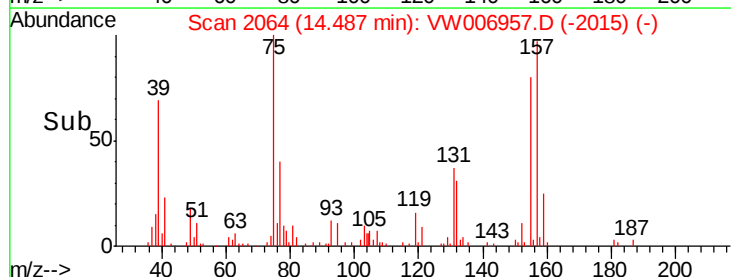
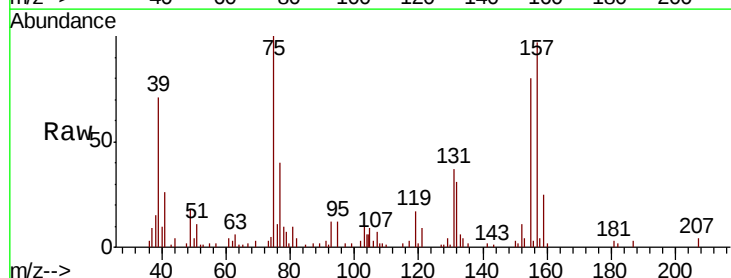
Manual Integrations
 APPROVED

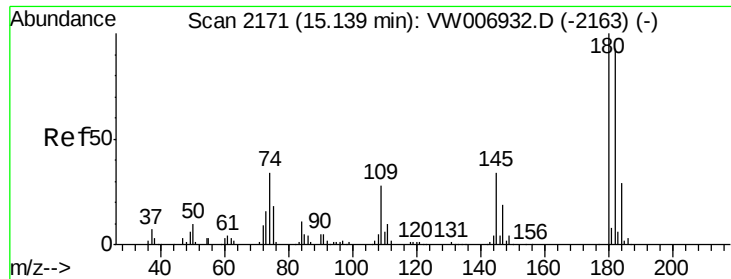
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.196 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	38.6	115.7
157	97.8	49.7	149.1





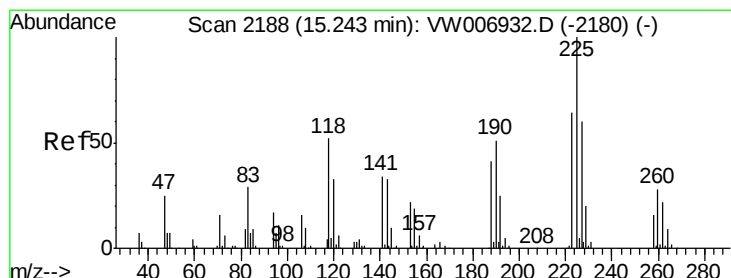
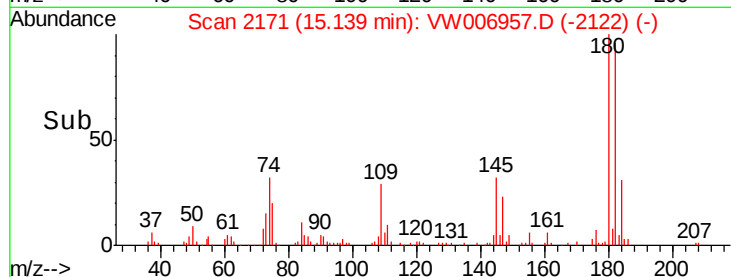
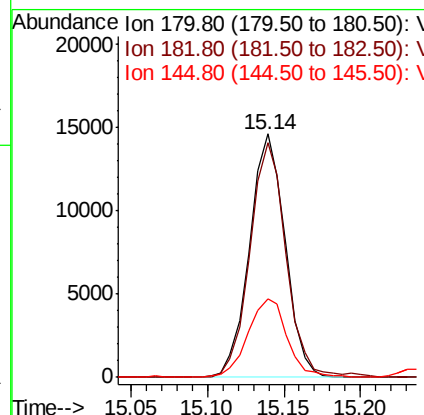
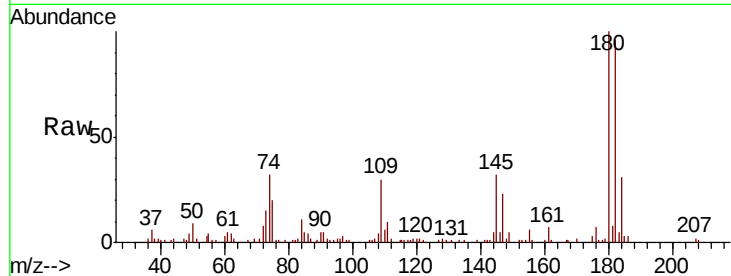
#93
 1,2,4-Trichlorobenzene
 Concen: 31.258 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 DTW-02(11-13)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	23616		
182	98.2	47.3	141.9	
145	35.3	16.8	50.4	

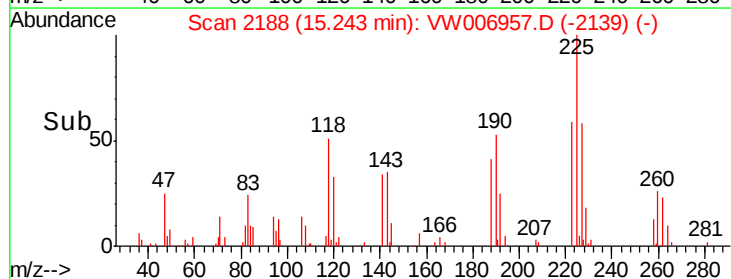
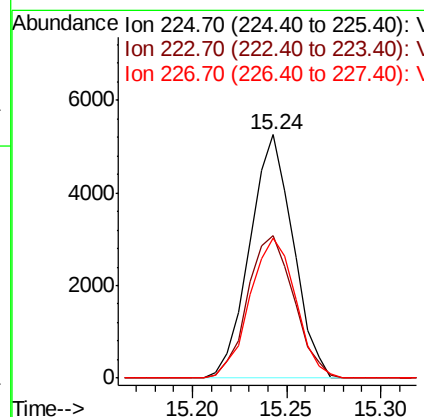
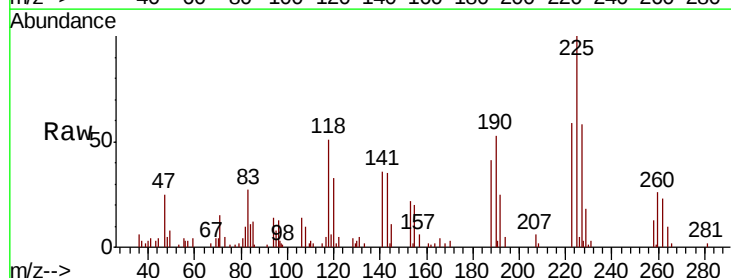
Manual Integrations
 APPROVED

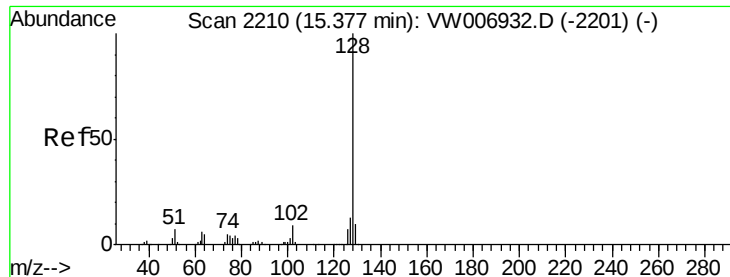
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#94
 Hexachlorobutadiene
 Concen: 20.978 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006957.D
 Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	8372		
223	62.8	32.1	96.3	
227	60.9	31.6	95.0	





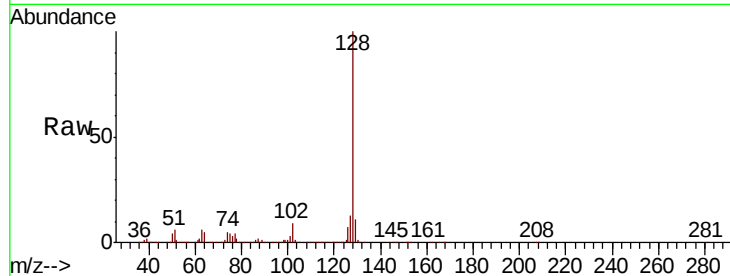
#95
Naphthalene
Concen: 933.443 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
DTW-02(11-13)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.0	8.5	12.7

Manual Integrations
APPROVED

apatel
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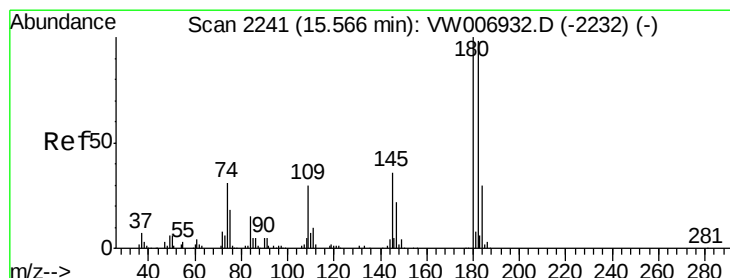
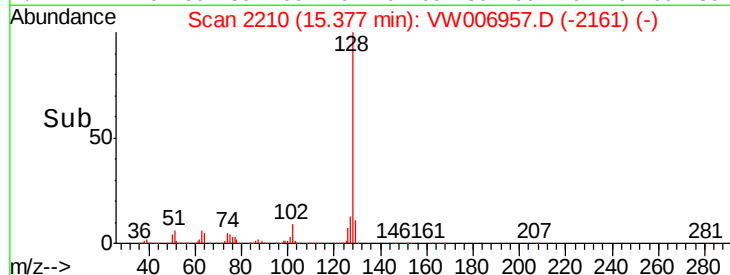
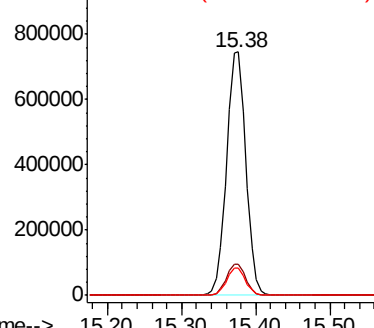


Abundance

Ion 128.00 (127.70 to 128.70): V

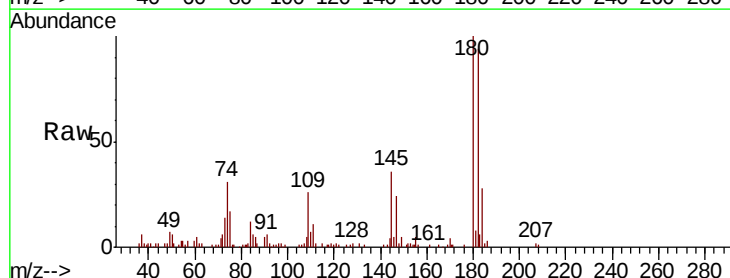
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 35.878 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006957.D
Acq: 19 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	38.6	17.6	52.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

