

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006956.D
 Acq On : 19 Nov 2018 21:25
 Operator : SY/AP
 Sample : J5981-03MS
 Misc : 4.26G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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 11/20/2018 4:50:05 PM

Quant Time: Nov 20 05:52:04 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	69848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	111489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36746	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39844	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.89	113	34705	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.32	98	149833	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.62	95	50032	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	31136	46.560	ug/l	98
3) Chloromethane	2.21	50	30758	51.093	ug/l	98
4) Vinyl Chloride	2.36	62	23819	41.739	ug/l	96
5) Bromomethane	2.78	94	16413	53.544	ug/l	98
6) Chloroethane	2.92	64	15236	48.480	ug/l	97
7) Trichlorofluoromethane	3.26	101	53516	48.183	ug/l	98
8) Diethyl Ether	3.69	74	21633	53.824	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33062	46.094	ug/l	97
10) Methyl Iodide	4.28	142	33996	39.111	ug/l	98
11) Tert butyl alcohol	5.21	59	14044	237.151	ug/l	97
12) 1,1-Dichloroethene	4.04	96	26880	41.770	ug/l	97
13) Acrolein	3.90	56	13120	244.332	ug/l	99
14) Allyl chloride	4.67	41	45131	39.866	ug/l	98
15) Acrylonitrile	5.38	53	41651	266.262	ug/l	99
16) Acetone	4.14	43	36254	304.488	ug/l	99
17) Carbon Disulfide	4.39	76	44082	21.653	ug/l	100
18) Methyl Acetate	4.68	43	30570	70.159	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	111159	58.924	ug/l	98
20) Methylene Chloride	4.92	84	41408	50.533	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	24585	32.026	ug/l	97
22) Diisopropyl ether	6.32	45	125567	54.341	ug/l	99
23) Vinyl Acetate	6.26	43	290426	226.970	ug/l	100
24) 1,1-Dichloroethane	6.22	63	65695	49.374	ug/l	100
25) 2-Butanone	7.18	43	59318	299.979	ug/l	100
26) 2,2-Dichloropropane	7.17	77	57639	49.648	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	34874	40.860	ug/l	99
28) Bromochloromethane	7.52	49	20623	42.200	ug/l	96
29) Tetrahydrofuran	7.54	42	37688	293.073	ug/l	99
30) Chloroform	7.68	83	70430	48.282	ug/l	96
31) Cyclohexane	7.96	56	52836	39.637	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	64222	51.140	ug/l	99
36) 1,1-Dichloropropene	8.09	75	43707	41.151	ug/l	100
37) Ethyl Acetate	7.26	43	25141	55.672	ug/l	99
38) Carbon Tetrachloride	8.07	117	51648	49.480	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	41448	31.444	ug/l	99
40) Benzene	8.33	78	200468	66.783	ug/l	97
41) Methacrylonitrile	7.49	41	15571	56.295	ug/l	96
42) 1,2-Dichloroethane	8.40	62	47838	53.235	ug/l	100
43) Isopropyl Acetate	8.43	43	47388	54.689	ug/l	99
44) Trichloroethene	9.09	130	35044	43.419	ug/l	98
45) 1,2-Dichloropropane	9.37	63	41409	54.612	ug/l	96
46) Dibromomethane	9.46	93	18637	48.535	ug/l	97
47) Bromodichloromethane	9.65	83	54991	54.386	ug/l	98
48) Methyl methacrylate	9.44	41	24902	59.556	ug/l	94
49) 1,4-Dioxane	9.47	88	6766	1162.770	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	133944	313.640	ug/l	98
52) Toluene	10.39	92	111239	55.392	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	40828	41.318	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	53709	45.419	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33419	59.024	ug/l	95
56) Ethyl methacrylate	10.65	69	41134	58.435	ug/l	99
57) 1,3-Dichloropropane	10.93	76	53624	55.667	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	88980	257.117	ug/l	97
59) 2-Hexanone	10.97	43	94581	330.911	ug/l	96
60) Dibromochloromethane	11.13	129	35922	55.637	ug/l	100
61) 1,2-Dibromoethane	11.24	107	26570	50.493	ug/l	100
64) Tetrachloroethene	10.87	164	32021	50.871	ug/l	95
65) Chlorobenzene	11.66	112	106052	51.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	36431	55.369	ug/l	98
67) Ethyl Benzene	11.73	91	252477	67.825	ug/l	98
68) m/p-Xylenes	11.84	106	154865	106.834	ug/l	100
69) o-Xylene	12.17	106	92705	67.382	ug/l	98
70) Styrene	12.18	104	118475	53.549	ug/l	98
71) Bromoform	12.35	173	18340	59.789	ug/l #	98
73) Isopropylbenzene	12.47	105	184354	63.350	ug/l	99
74) N-amyl acetate	12.27	43	47125	80.913	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	33381	77.981	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	25961m	87.914	ug/l	
77) Bromobenzene	12.75	156	40159	65.111	ug/l	99
78) n-propylbenzene	12.81	91	186373	53.298	ug/l	100
79) 2-Chlorotoluene	12.90	91	121017	59.053	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	167085	66.679	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	8939	68.908	ug/l	99
82) 4-Chlorotoluene	12.99	91	113570	52.564	ug/l	97
83) tert-Butylbenzene	13.21	119	108089	50.795	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220110	87.437	ug/l	99
85) sec-Butylbenzene	13.39	105	119987	39.517	ug/l	97
86) p-Isopropyltoluene	13.51	119	117739	44.368	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	61293	48.598	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	60650	48.251	ug/l	98
89) n-Butylbenzene	13.83	91	77284	30.767	ug/l	92
90) Hexachloroethane	14.10	117	20733	47.925	ug/l	82
91) 1,2-Dichlorobenzene	13.87	146	61117	54.193	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7189	97.049	ug/l	85

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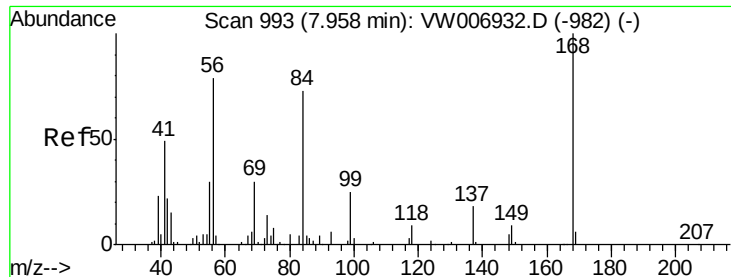
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	20241	28.526	ug/l	95
94) Hexachlorobutadiene	15.24	225	4972	13.265	ug/l	93
95) Naphthalene	15.38	128	2693287	1969.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	17572	28.888	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:168 Resp: 69848

Ion Ratio Lower Upper

168 100

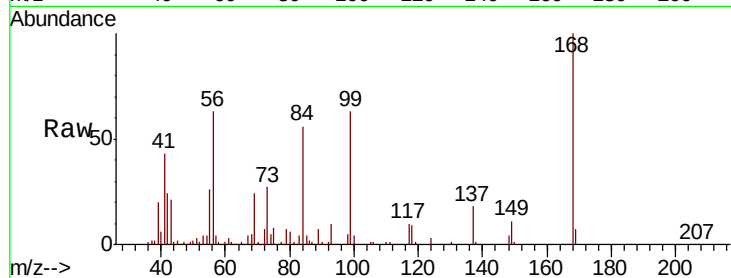
99 62.7 49.3 73.9

Manual Integrations

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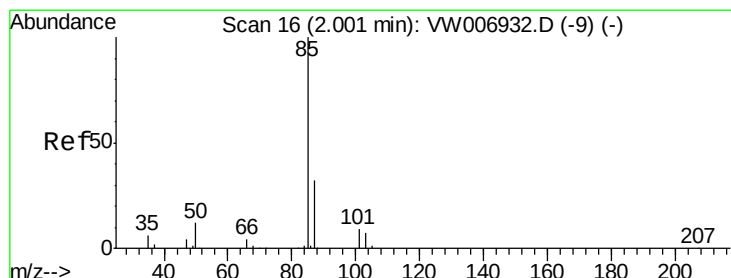
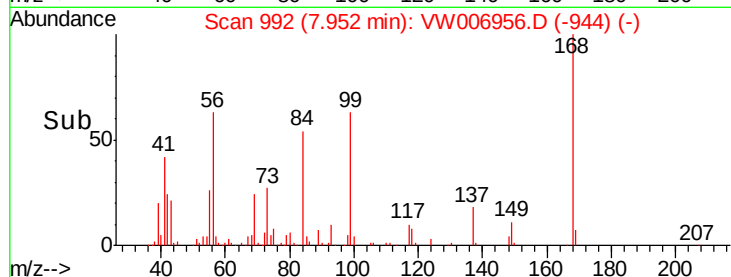
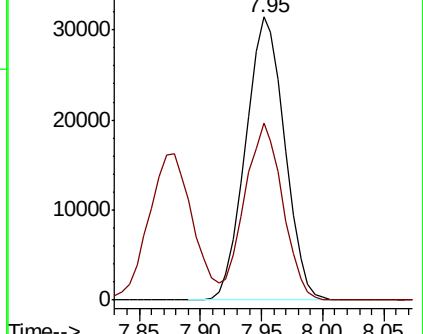
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.560 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006956.D

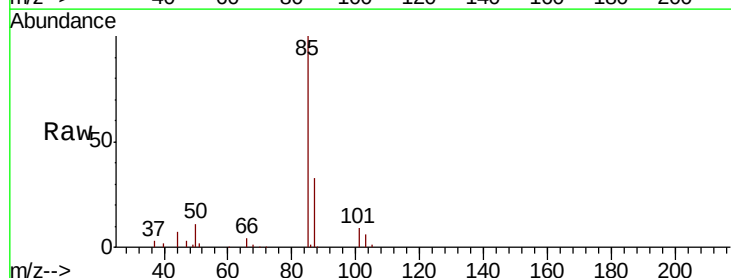
Acq: 19 Nov 2018 21:25

Tgt Ion: 85 Resp: 31136

Ion Ratio Lower Upper

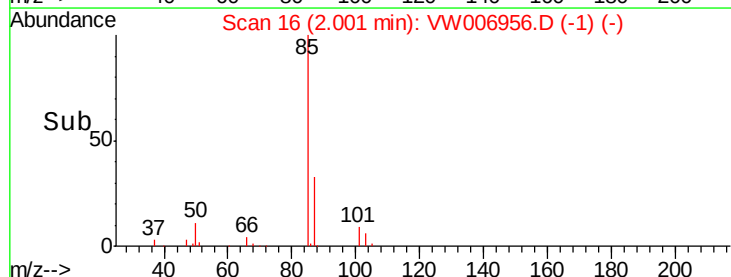
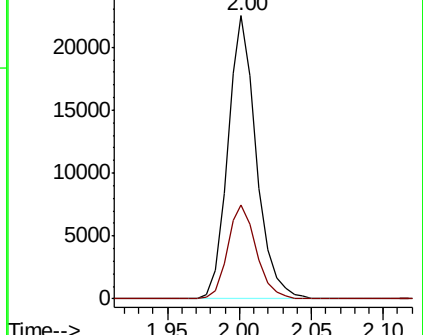
85 100

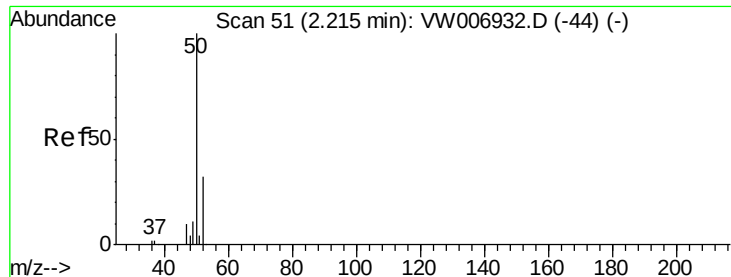
87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.093 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion: 50 Resp: 30758

Ion Ratio Lower Upper

50 100

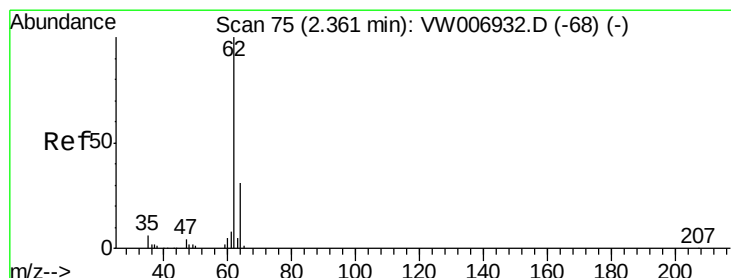
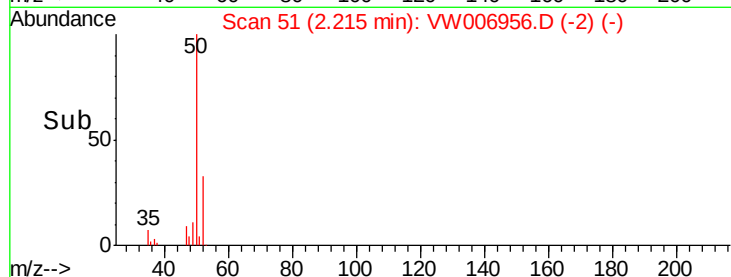
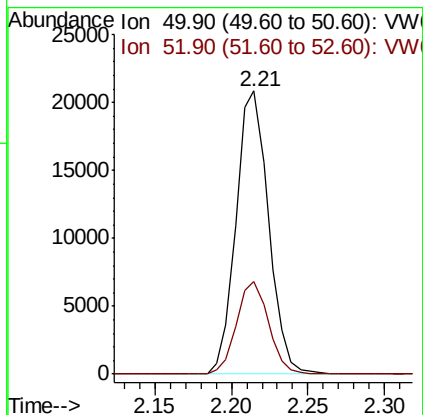
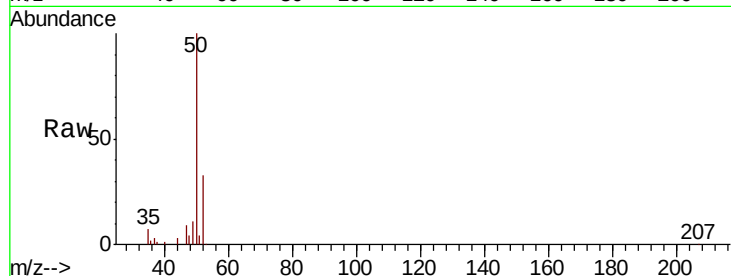
52 32.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 41.739 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006956.D

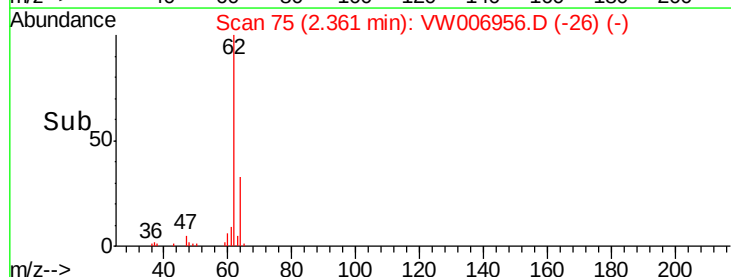
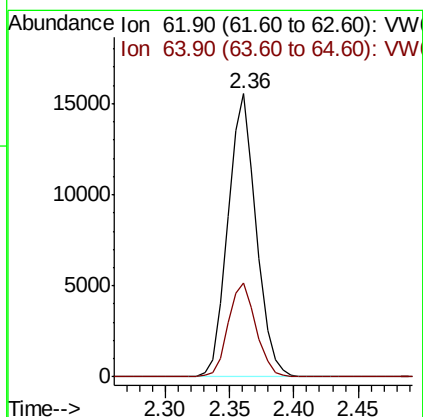
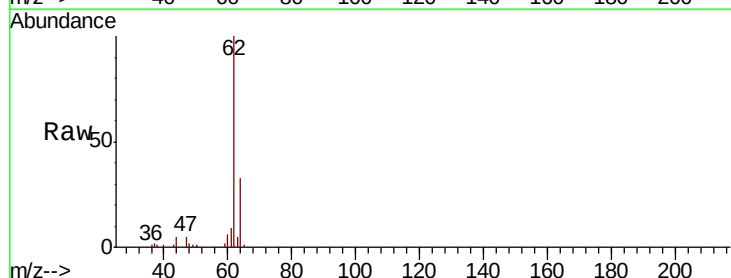
Acq: 19 Nov 2018 21:25

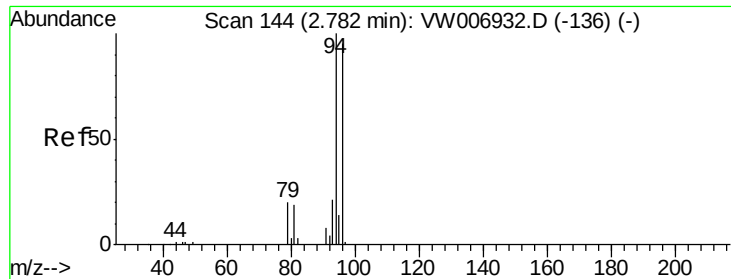
Tgt Ion: 62 Resp: 23819

Ion Ratio Lower Upper

62 100

64 33.3 24.6 37.0





#5

Bromomethane

Concen: 53.544 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 16413

Ion Ratio Lower Upper

94 100

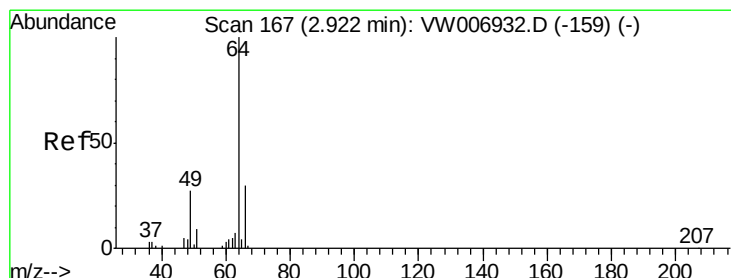
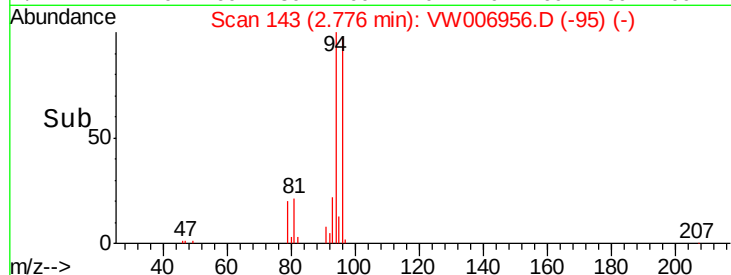
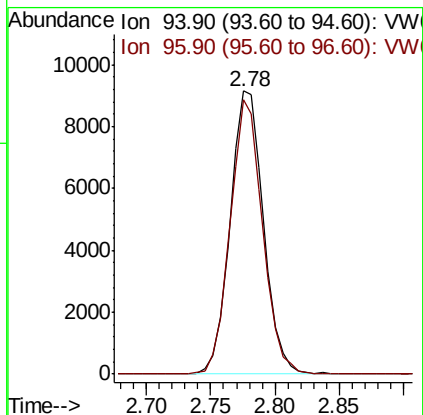
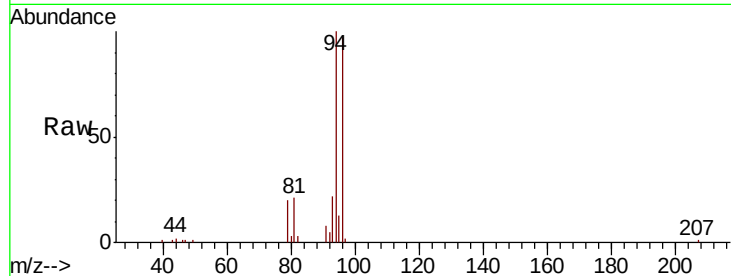
96 96.8 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 48.480 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006956.D

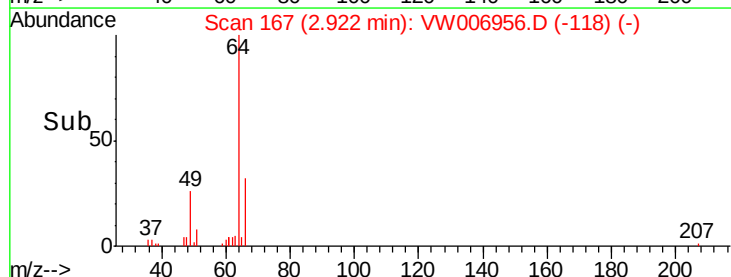
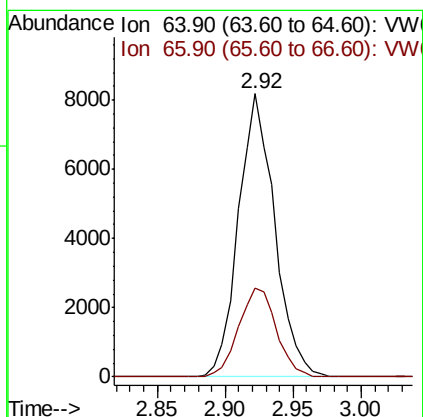
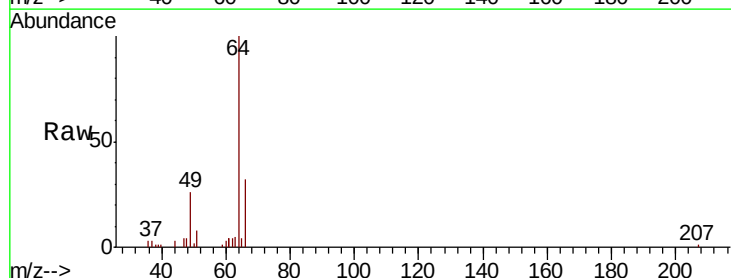
Acq: 19 Nov 2018 21:25

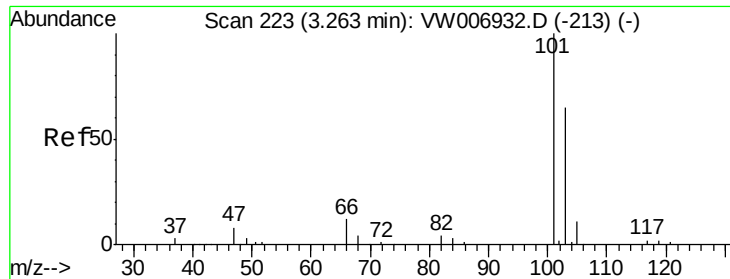
Tgt Ion: 64 Resp: 15236

Ion Ratio Lower Upper

64 100

66 31.5 24.0 36.0





#7

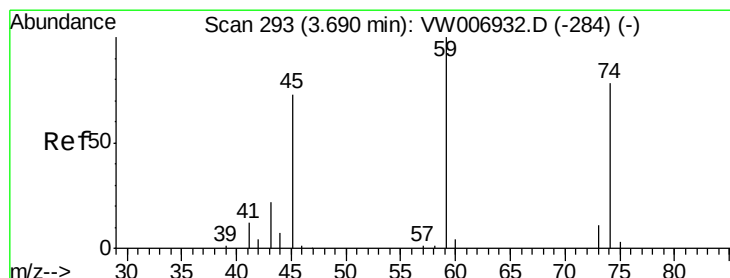
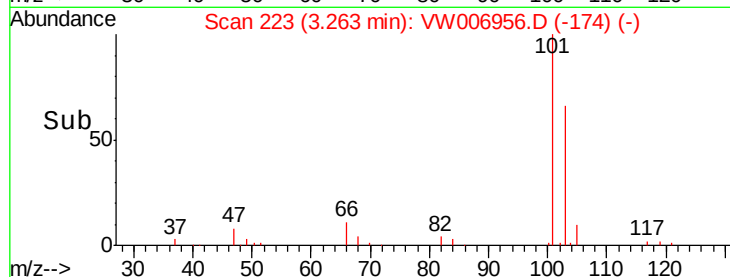
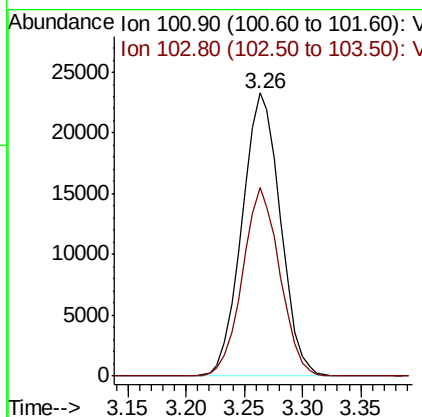
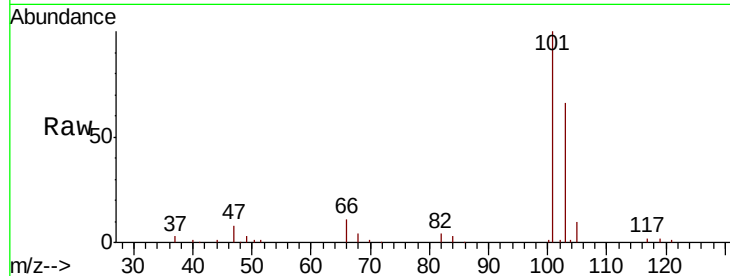
Trichlorofluoromethane
 Concen: 48.183 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006956.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.2	78.2

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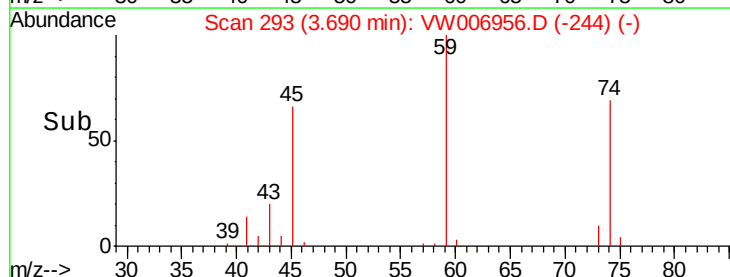
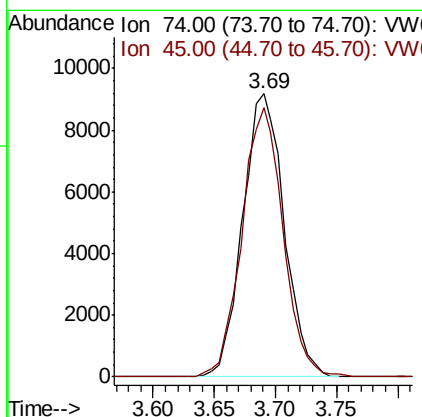
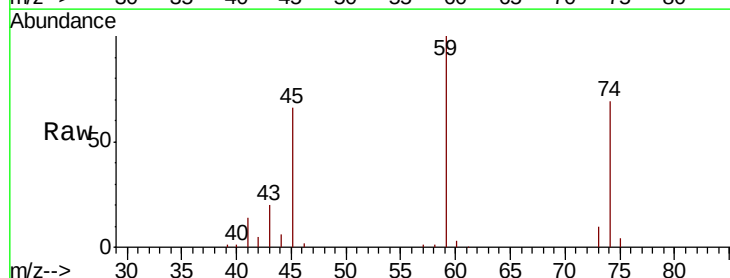
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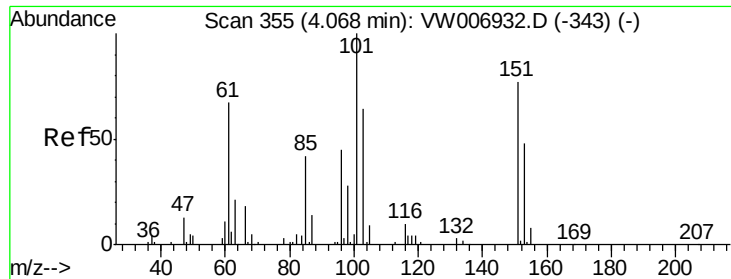


#8

Diethyl Ether
 Concen: 53.824 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.094 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006956.D

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Instrument :

MSVOA_W

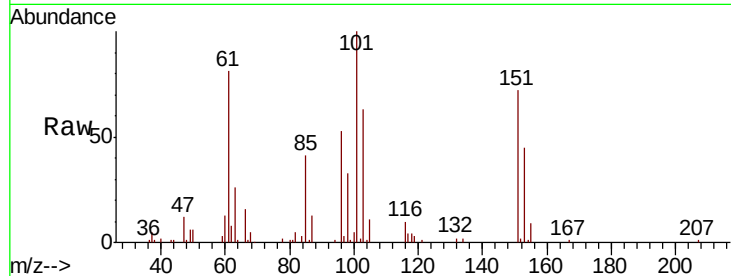
ClientSampleId :

DTW-02(11-13)MS

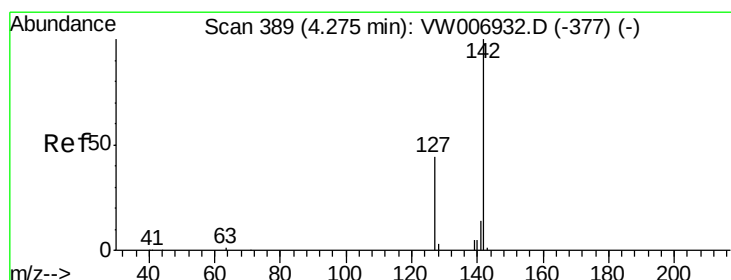
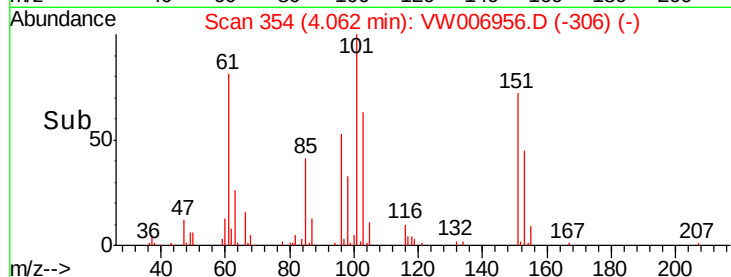
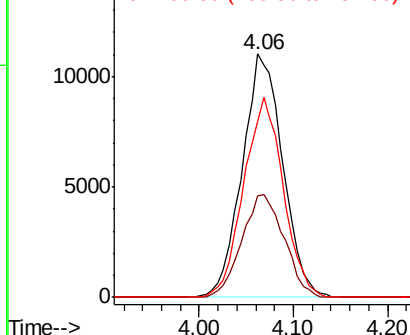
Tot Ion:	101	Resp:	33062
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.5	51.7
151	80.3	61.5	92.3

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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: 39.111 ug/l

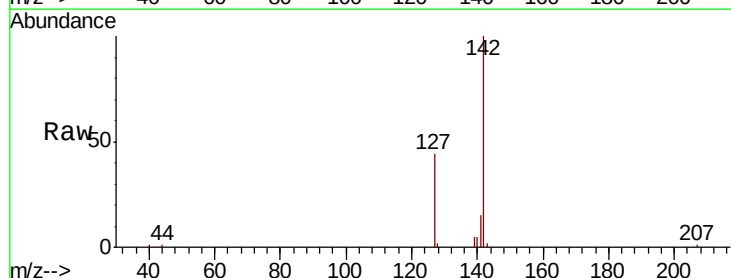
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

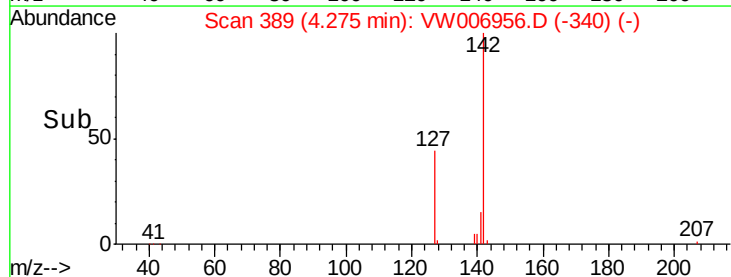
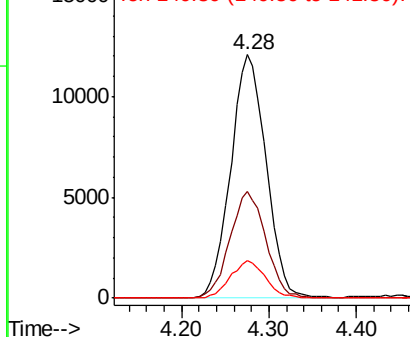
Lab File: VW006956.D

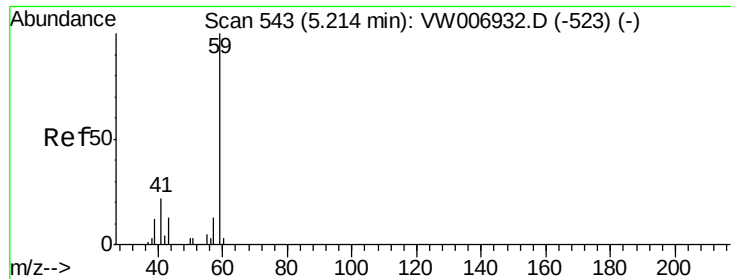
Acq: 19 Nov 2018 21:25

Tgt Ion:	142	Resp:	33996
Ion Ratio	Lower	Upper	
142	100		
127	44.1	34.4	51.6
141	15.0	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

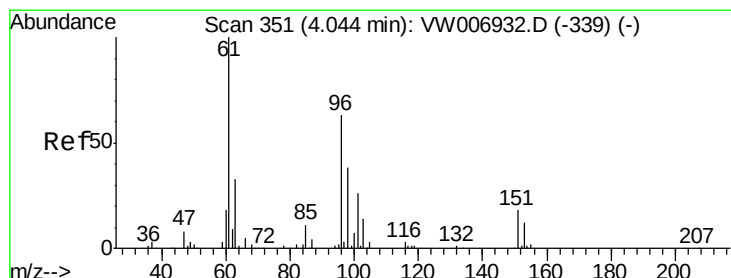
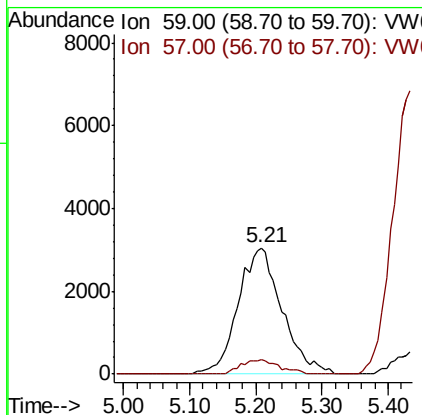
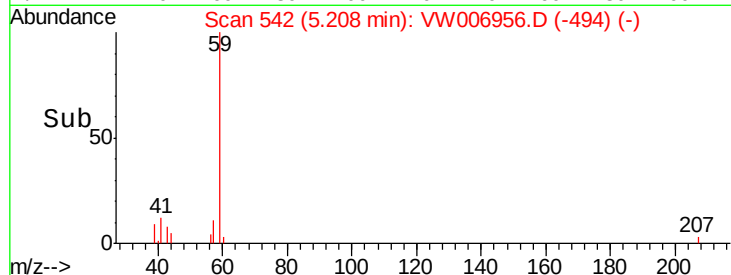
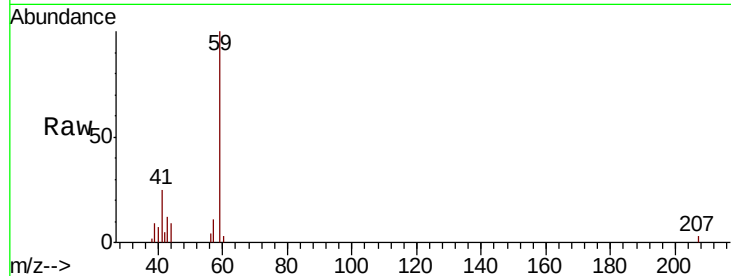
Tert butyl alcohol
Concen: 237.151 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.8	13.2

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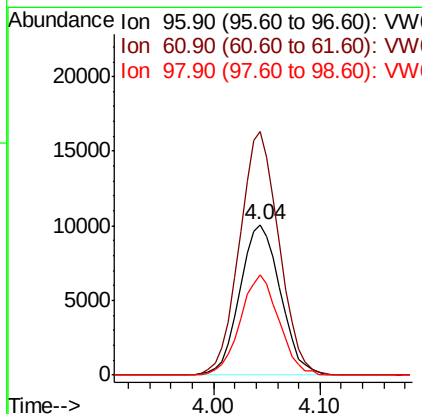
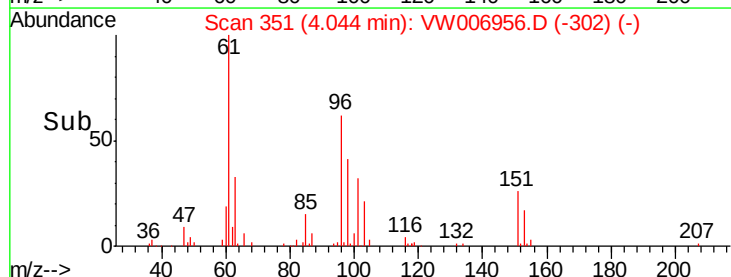
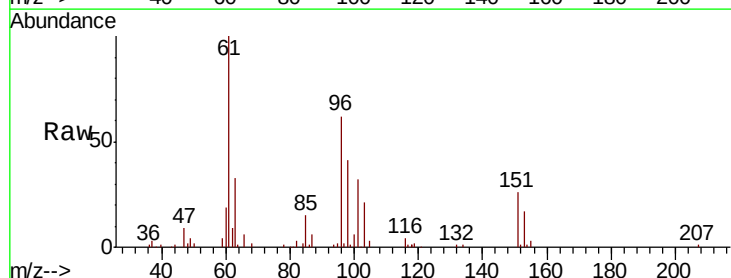
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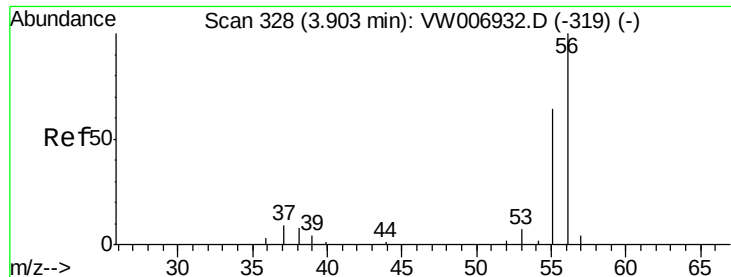


#12

1,1-Dichloroethene
Concen: 41.770 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	127.8	191.8
98	66.3	48.3	72.5





#13

Acrolein

Concen: 244.332 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion: 56 Resp: 13120

Ion Ratio Lower Upper

56 100

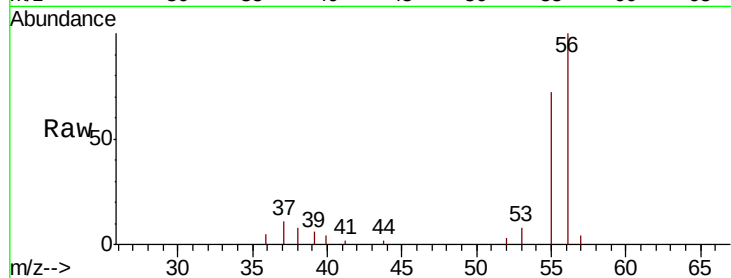
55 71.7 56.5 84.7

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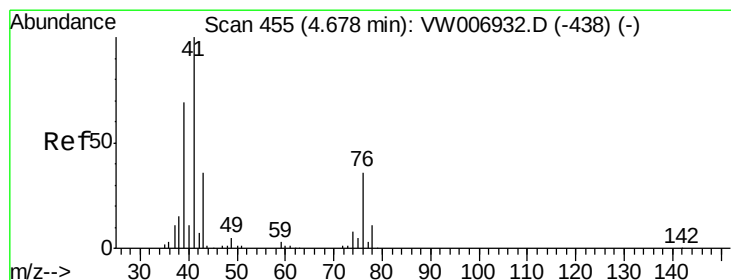
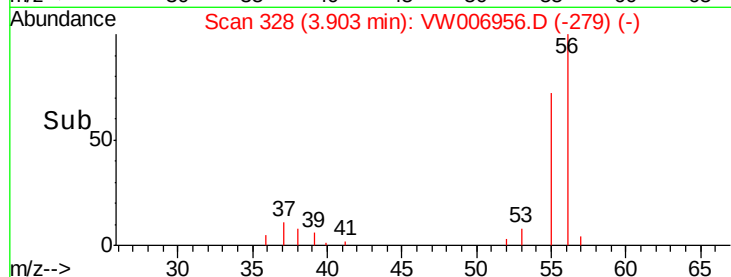
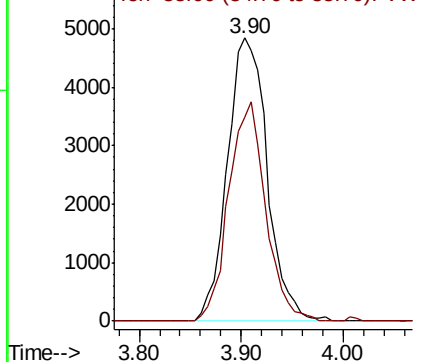
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 39.866 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

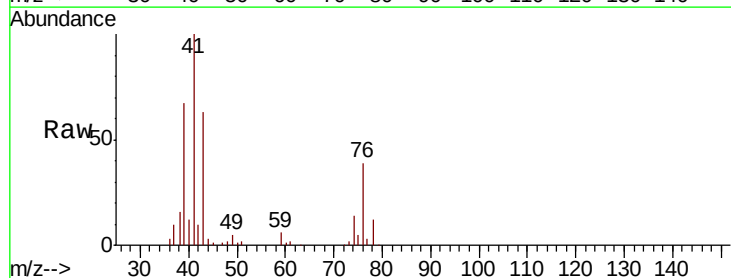
Tgt Ion: 41 Resp: 45131

Ion Ratio Lower Upper

41 100

39 70.1 55.0 82.4

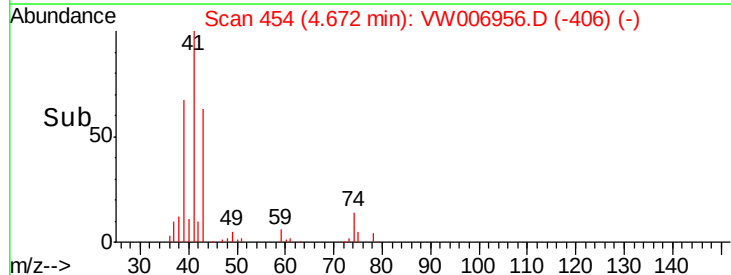
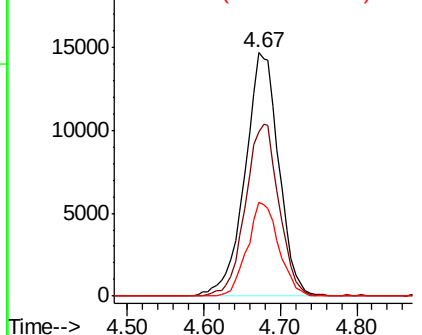
76 35.8 28.0 42.0

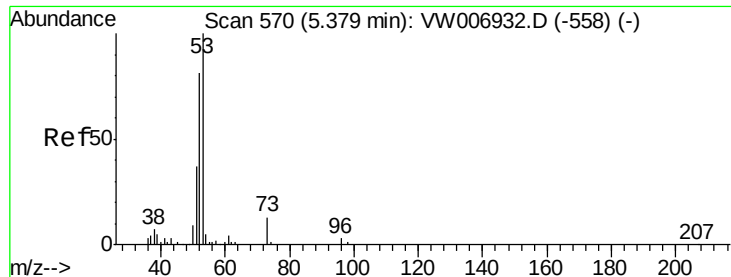


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 266.262 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

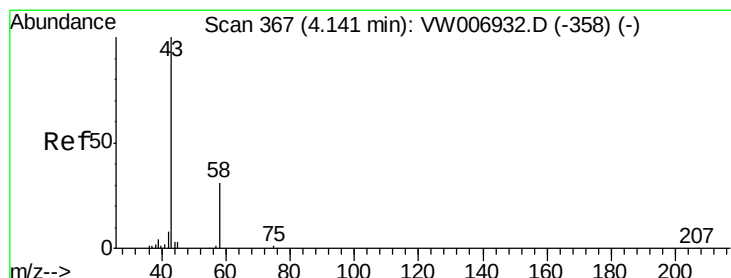
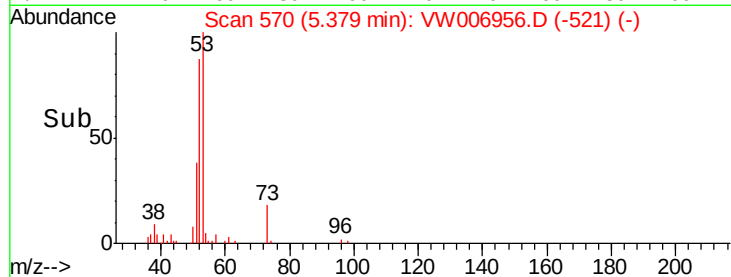
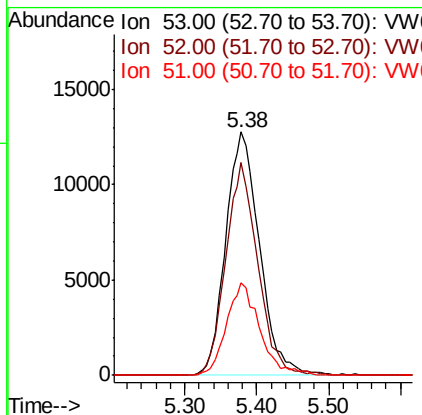
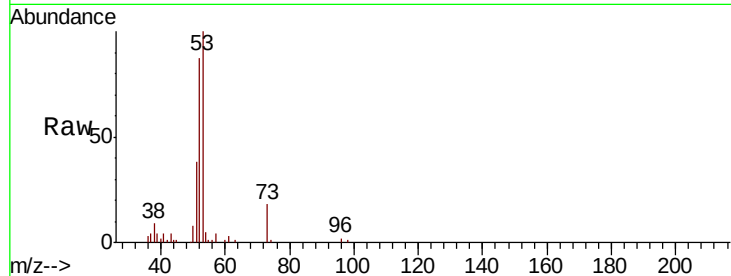
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	53	Resp:	41651
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.6
51	37.4	29.8	44.6

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#16

Acetone

Concen: 304.488 ug/l

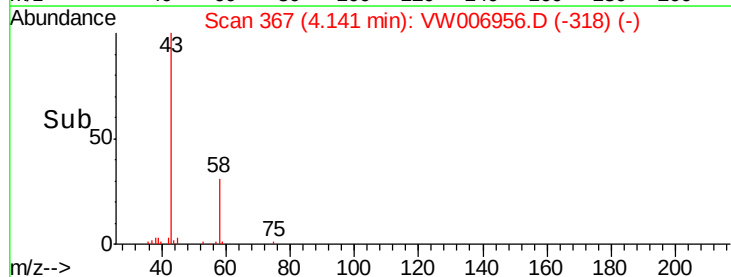
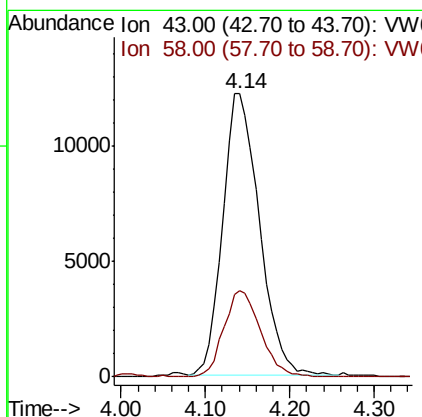
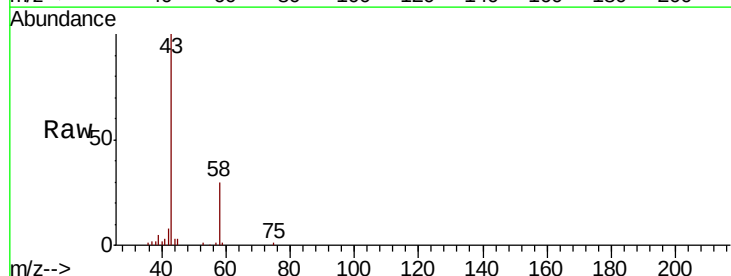
RT: 4.14 min Scan# 367

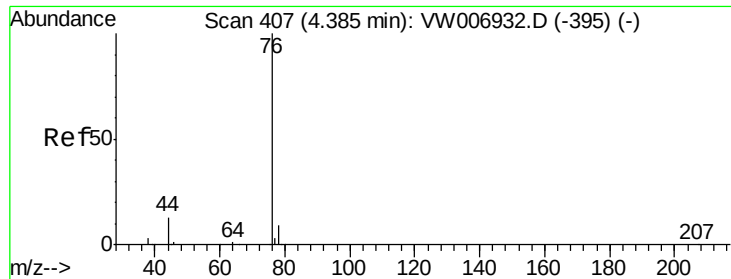
Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion:	43	Resp:	36254
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.2	36.4





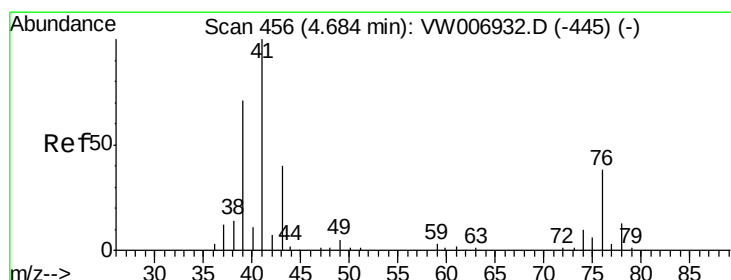
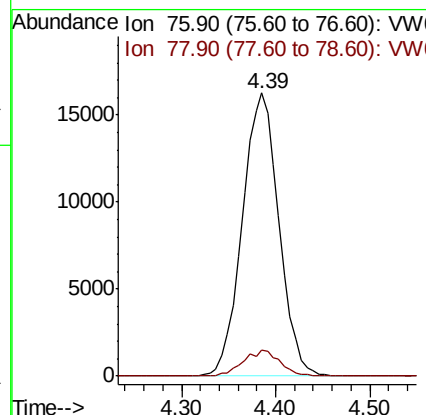
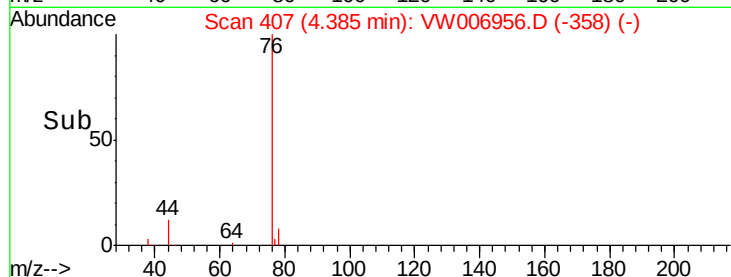
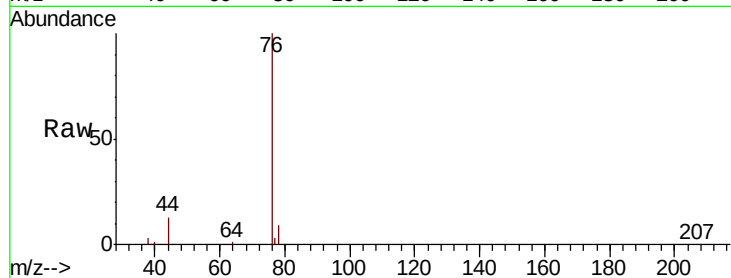
#17
Carbon Disulfide
Concen: 21.653 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

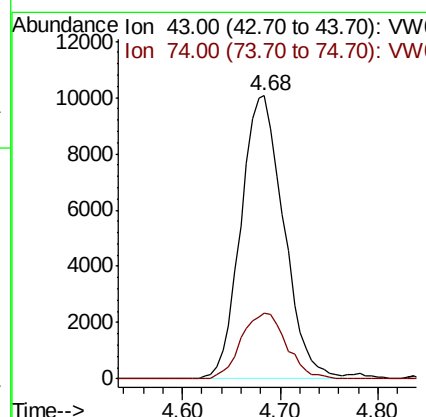
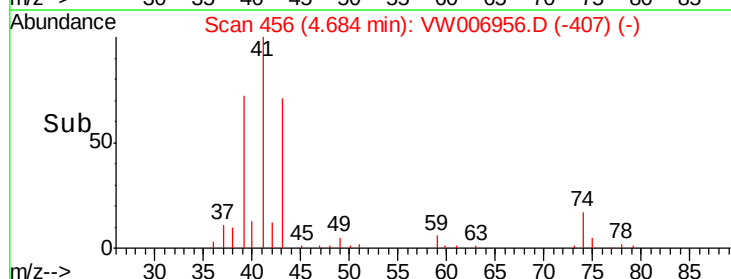
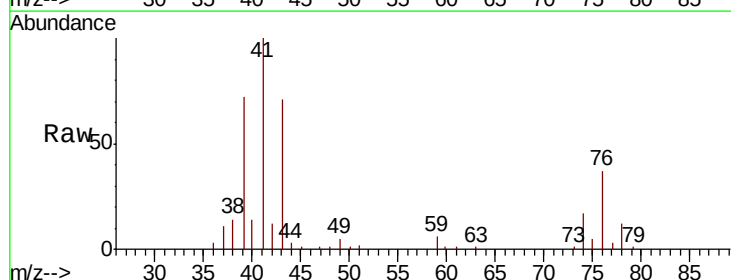
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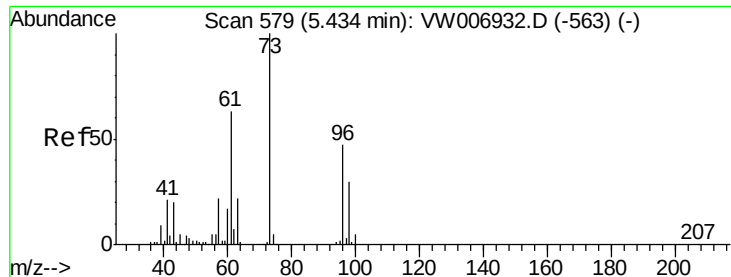
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#18
Methyl Acetate
Concen: 70.159 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	20.3	30.5





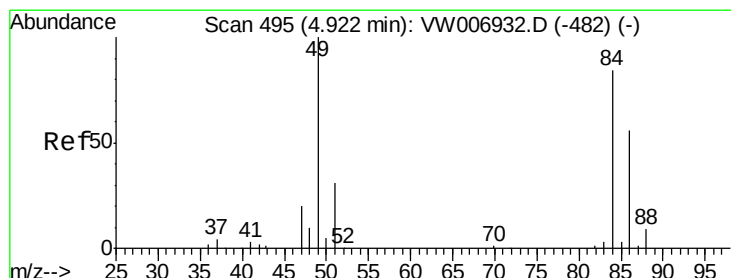
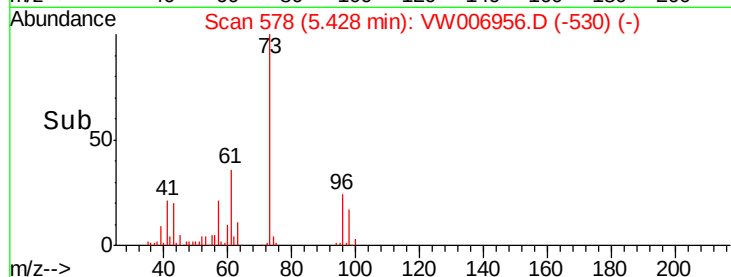
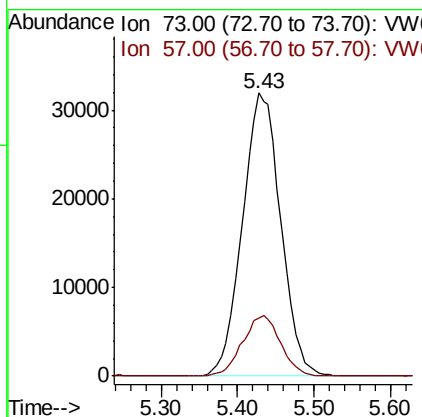
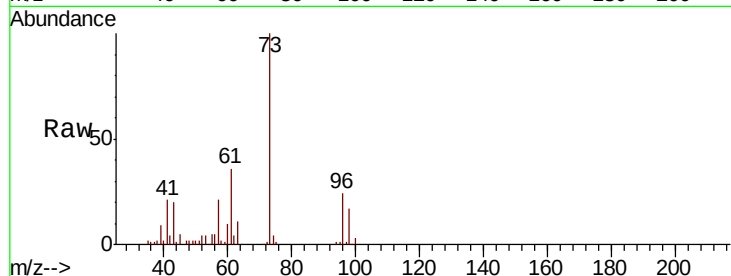
#19
Methyl tert-butyl Ether
Concen: 58.924 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion: 73 Resp: 111159
Ion Ratio Lower Upper
73 100
57 20.7 17.5 26.3

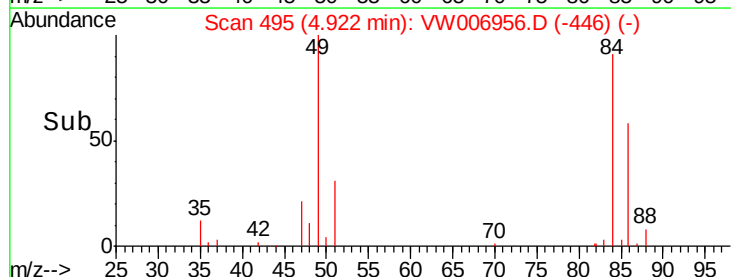
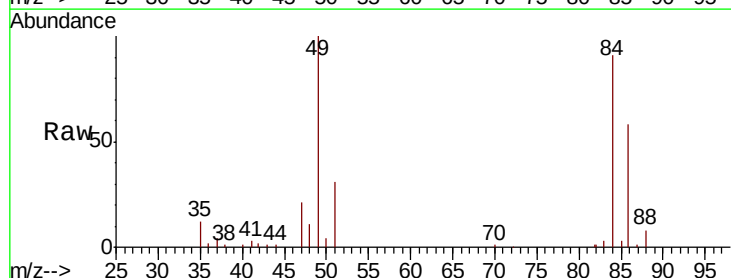
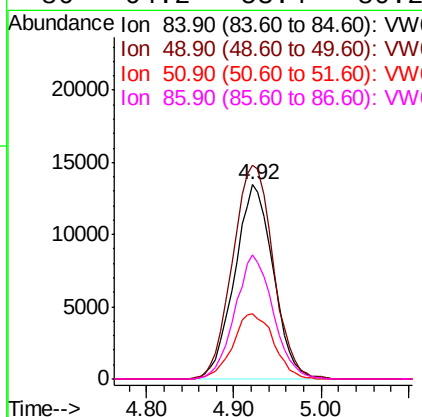
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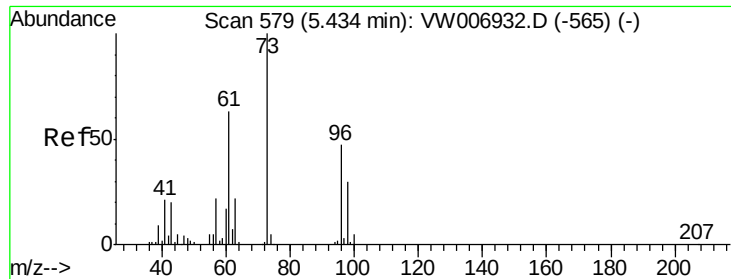
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#20
Methylene Chloride
Concen: 50.533 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion: 84 Resp: 41408
Ion Ratio Lower Upper
84 100
49 110.0 95.4 143.2
51 33.6 29.5 44.3
86 64.2 53.4 80.2





#21

trans-1,2-Dichloroethene

Concen: 32.026 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

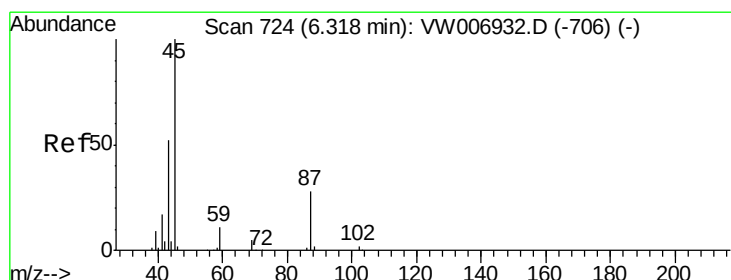
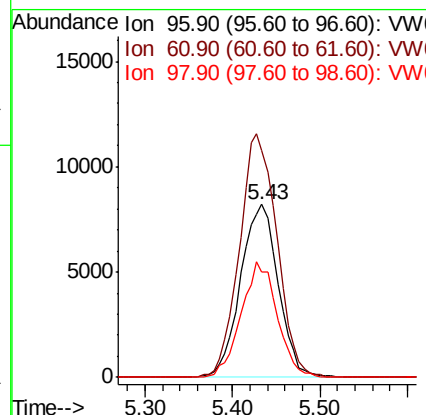
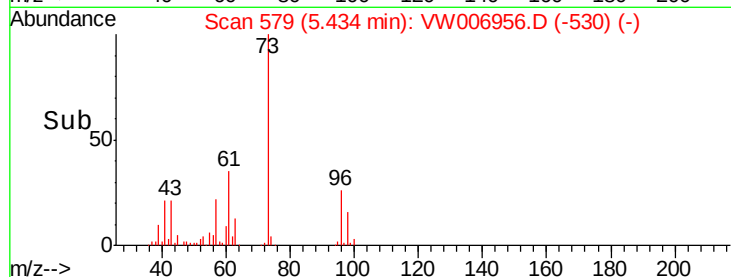
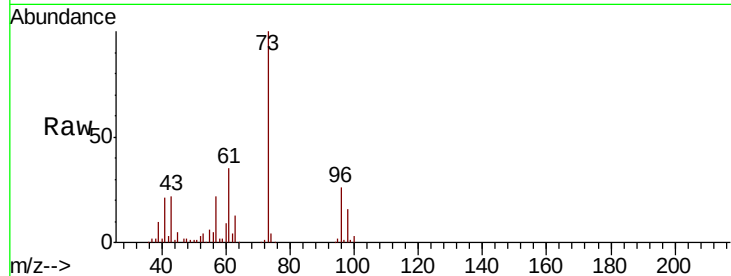
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	96	Resp:	24585
Ion	Ratio	Lower	Upper
96	100		
61	131.2	108.2	162.4
98	61.3	50.6	76.0

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#22

Diisopropyl ether

Concen: 54.341 ug/l

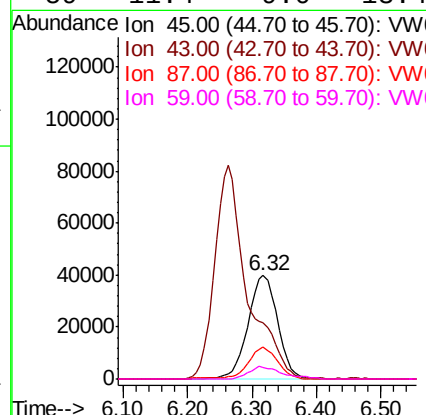
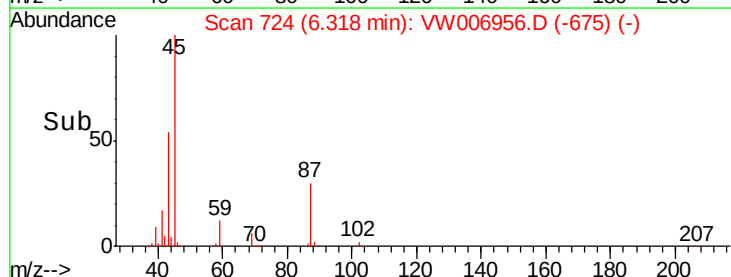
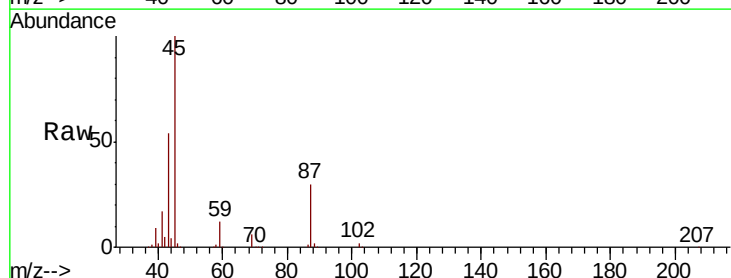
RT: 6.32 min Scan# 724

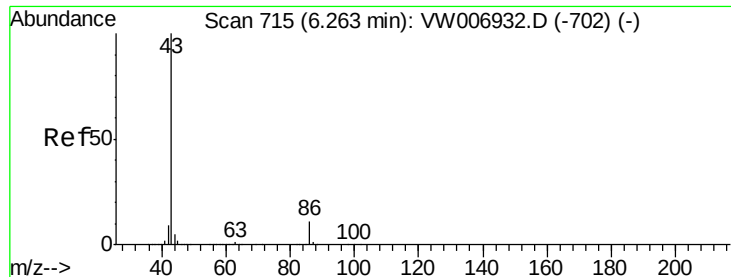
Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion:	45	Resp:	125567
Ion	Ratio	Lower	Upper
45	100		
43	53.9	43.1	64.7
87	30.4	22.7	34.1
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 226.970 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion: 43 Resp: 290426

Ion Ratio Lower Upper

43 100

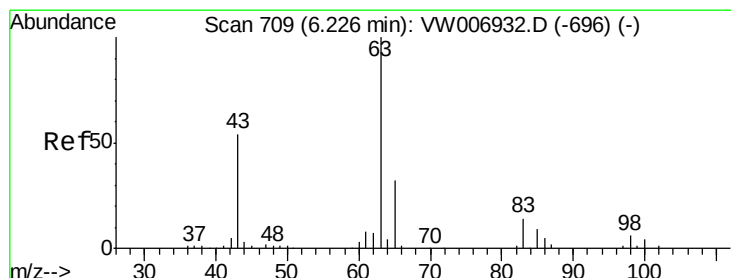
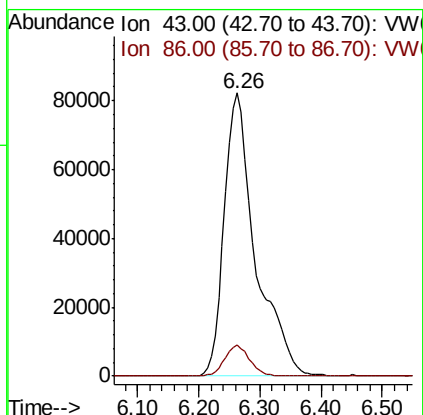
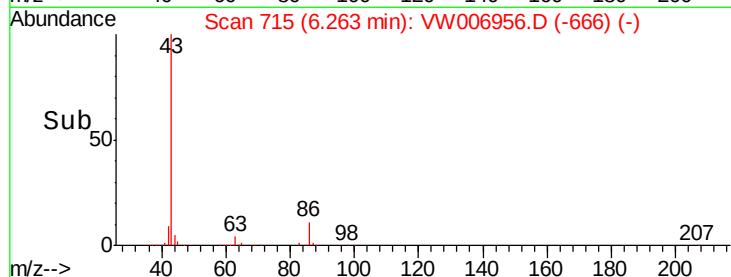
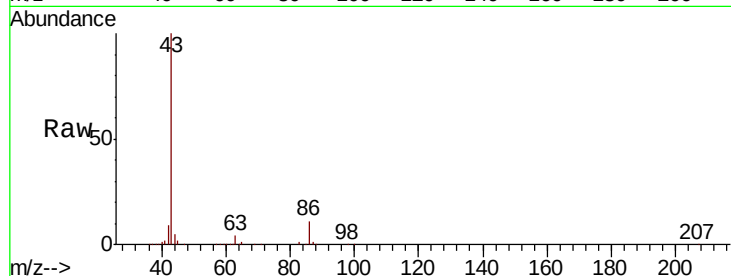
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.374 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

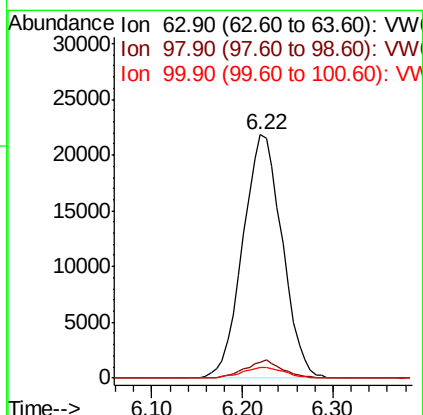
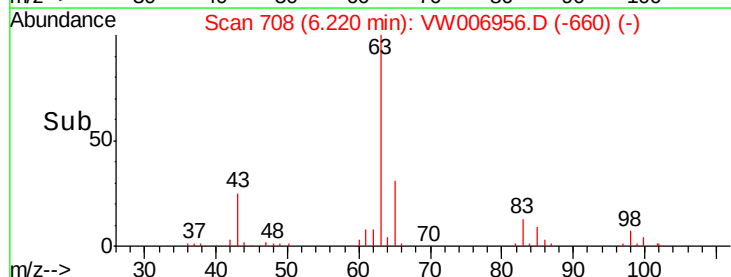
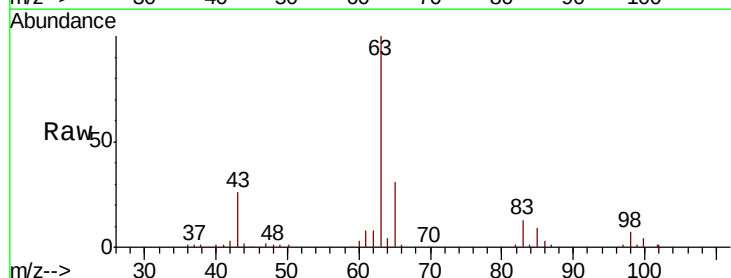
Tgt Ion: 63 Resp: 65695

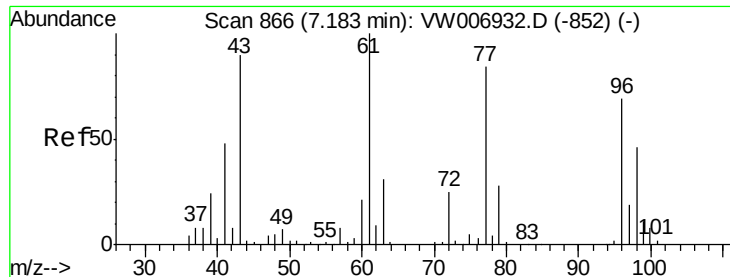
Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 299.979 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion: 43 Resp: 59318

Ion Ratio Lower Upper

43 100

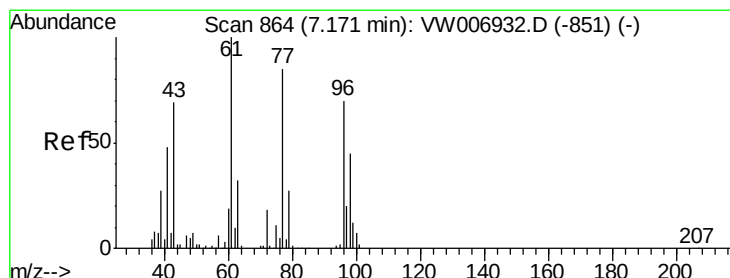
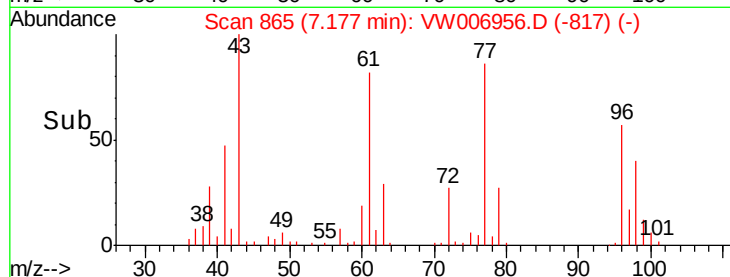
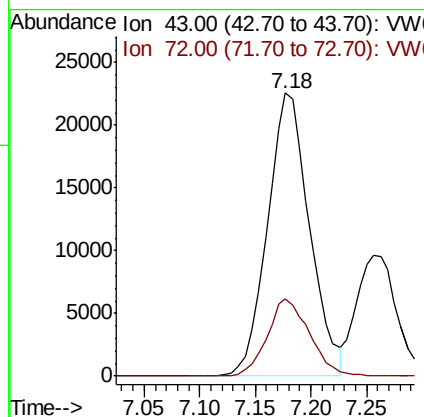
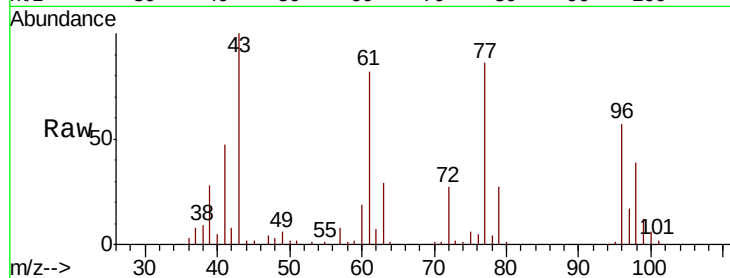
72 27.4 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 49.648 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006956.D

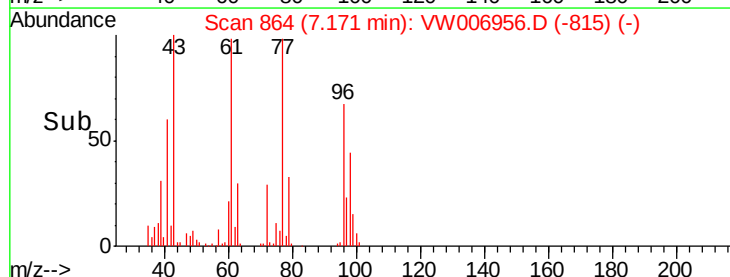
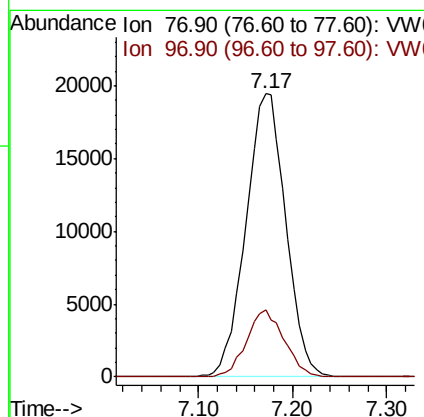
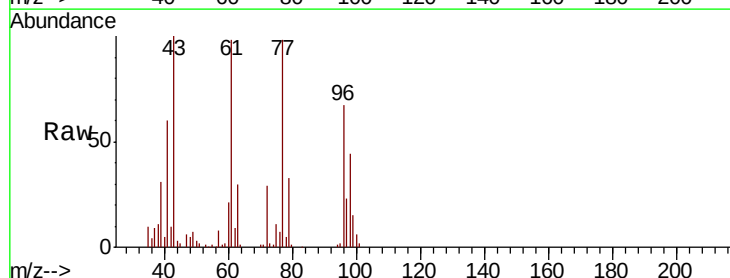
Acq: 19 Nov 2018 21:25

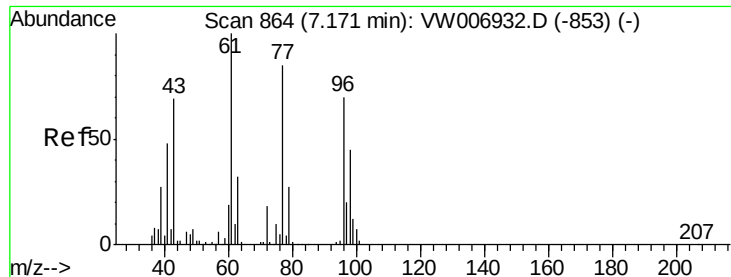
Tgt Ion: 77 Resp: 57639

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9





#27

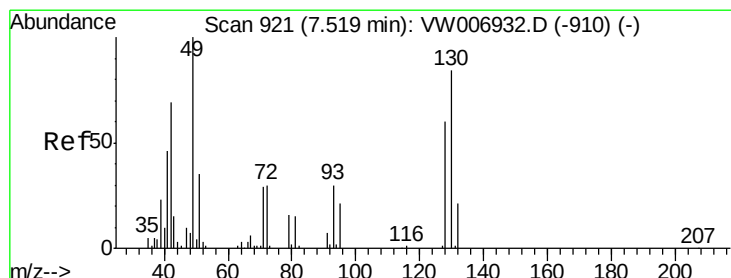
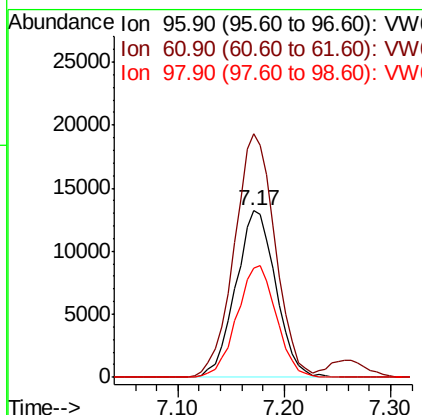
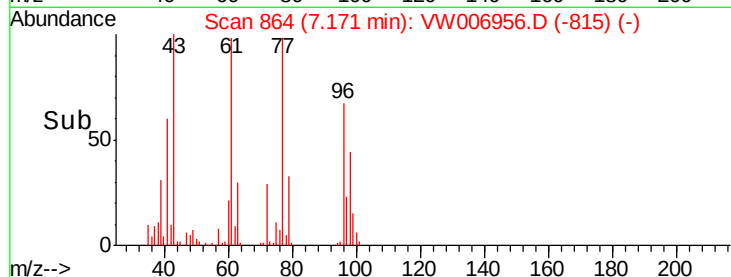
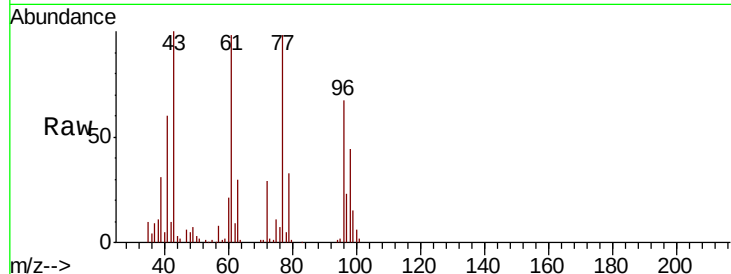
cis-1,2-Dichloroethene
Concen: 40.860 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	148.4	0.0	293.8		
98	65.8	0.0	131.0		

Manual Integrations
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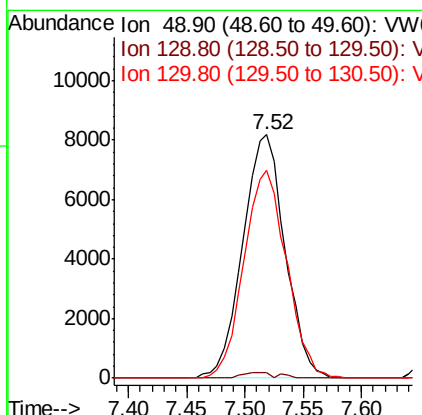
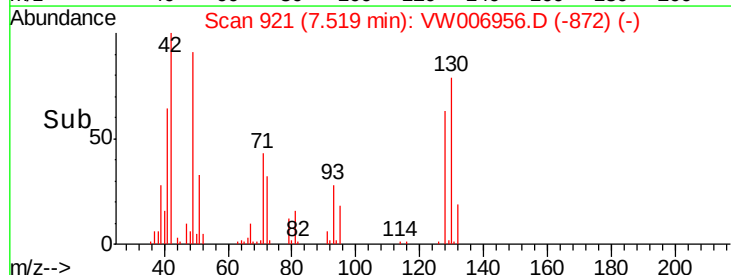
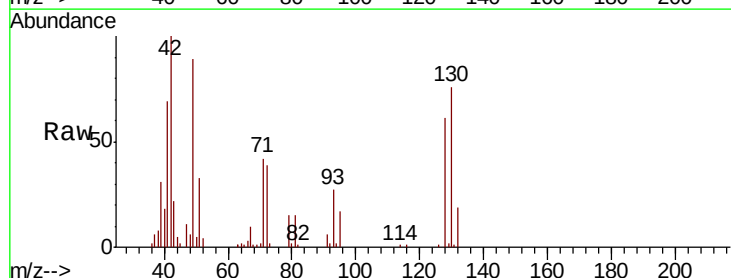
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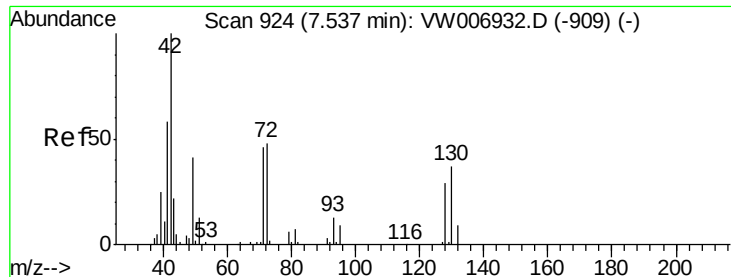


#28

Bromochloromethane
Concen: 42.200 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	1.4	0.0	1.6		
130	86.1	66.1	99.1		





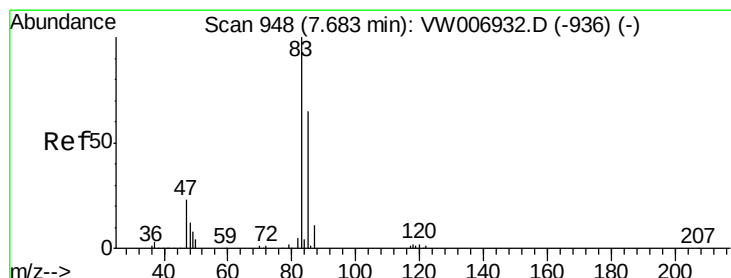
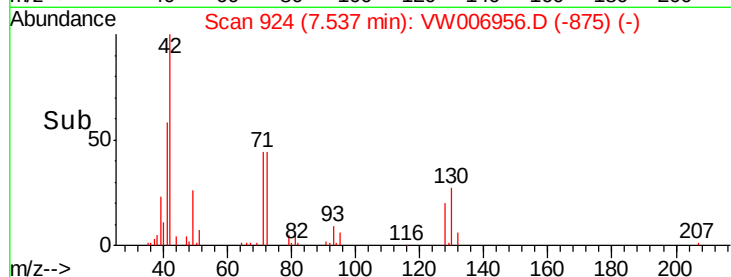
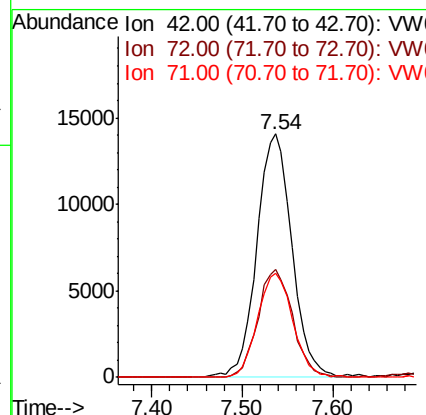
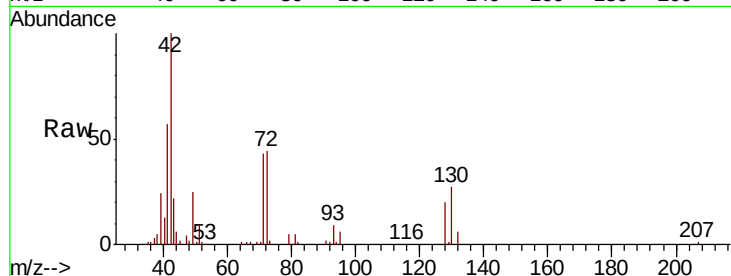
#29
Tetrahydrofuran
Concen: 293.073 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.7	53.5
71	42.7	33.7	50.5

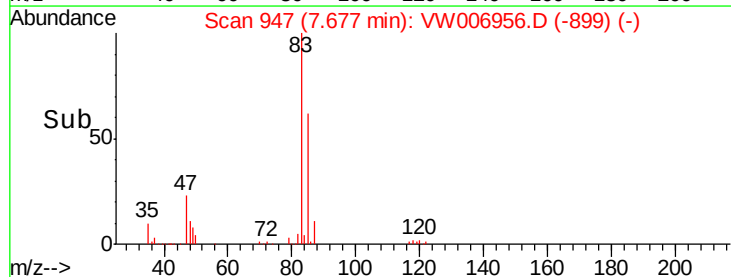
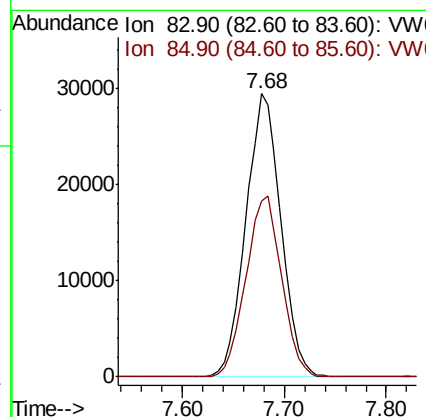
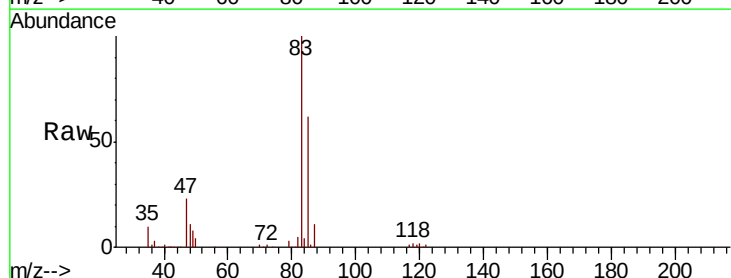
Manual Integrations
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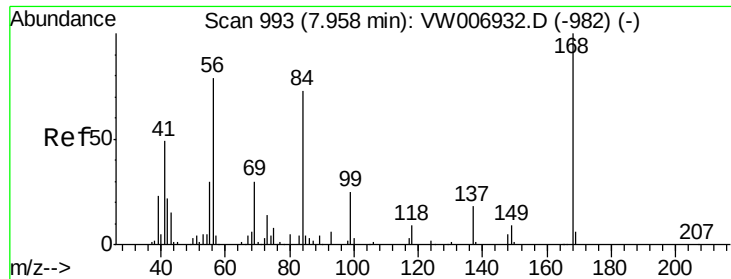
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#30
Chloroform
Concen: 48.282 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.2	78.4





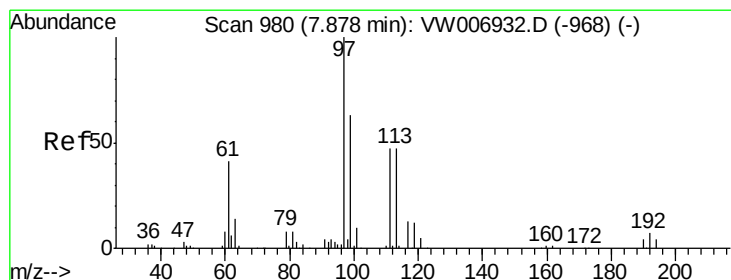
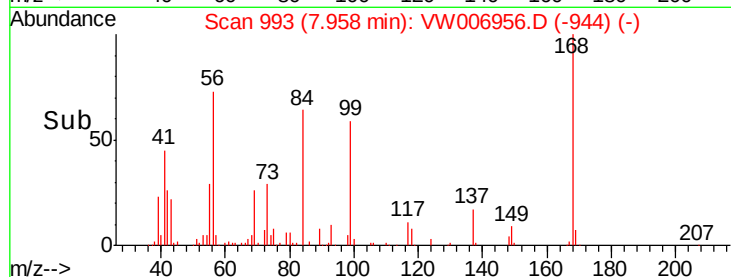
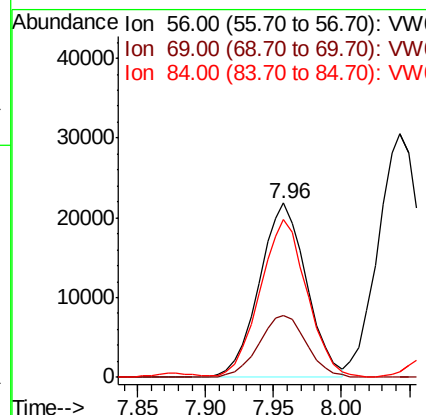
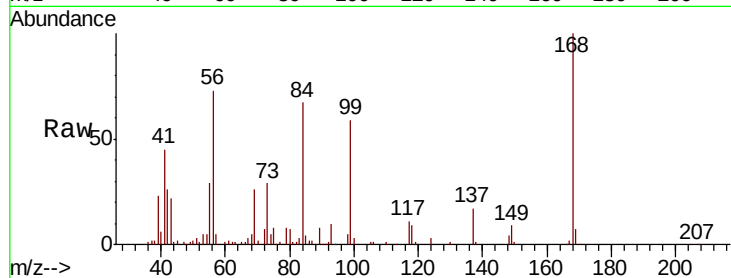
#31
Cyclohexane
Concen: 39.637 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	30.2	45.2
84	89.1	73.6	110.4

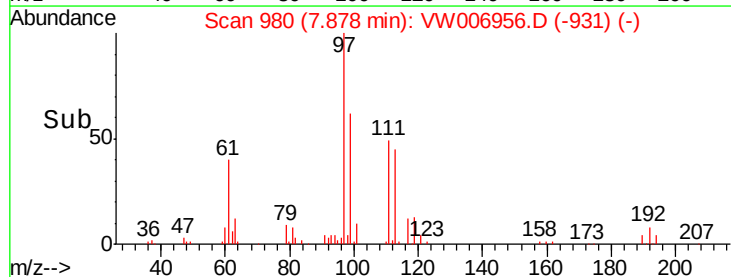
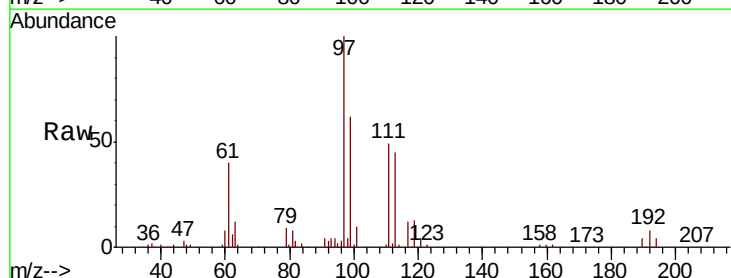
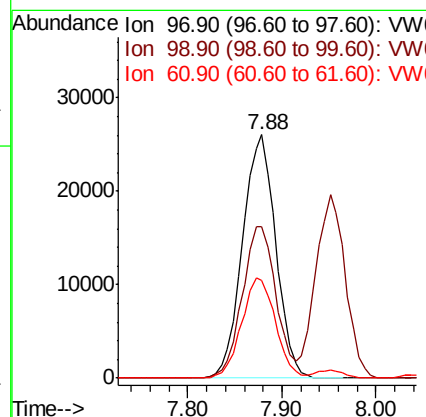
Manual Integrations
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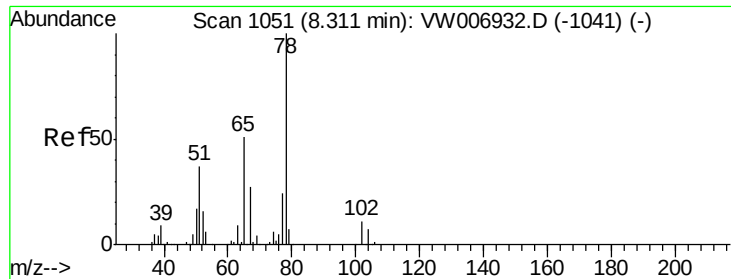
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#32
1,1,1-Trichloroethane
Concen: 51.140 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.6
61	41.9	34.2	51.2





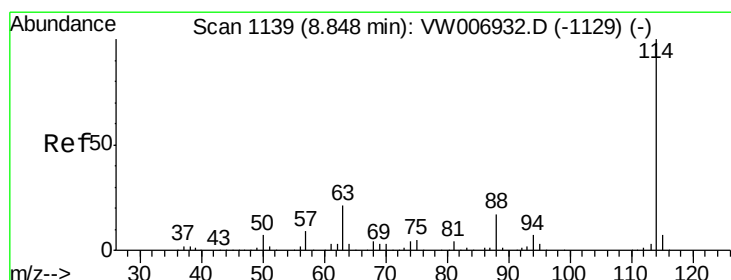
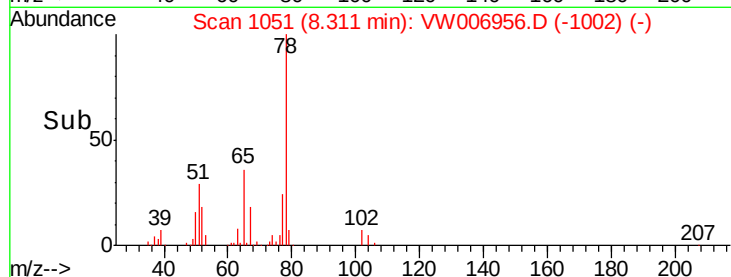
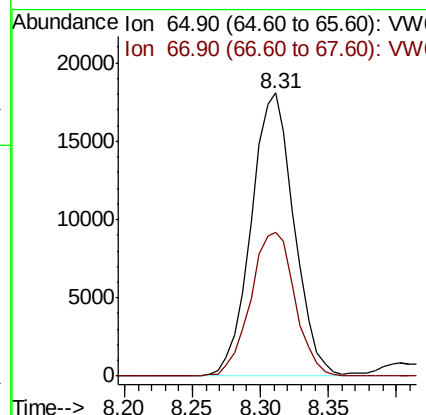
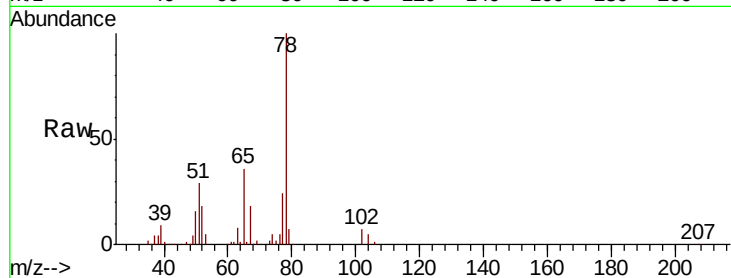
#33
 1,2-Dichloroethane-d4
 Concen: 51.186 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.0

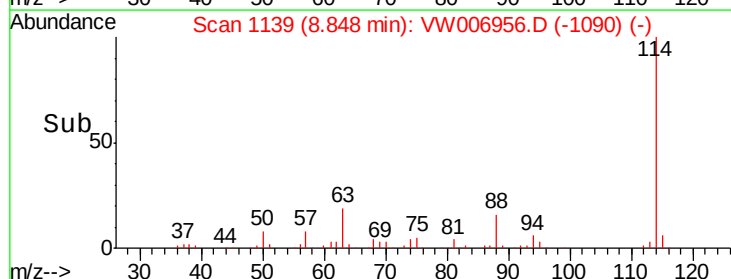
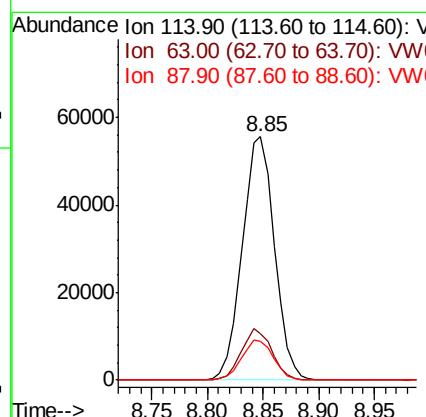
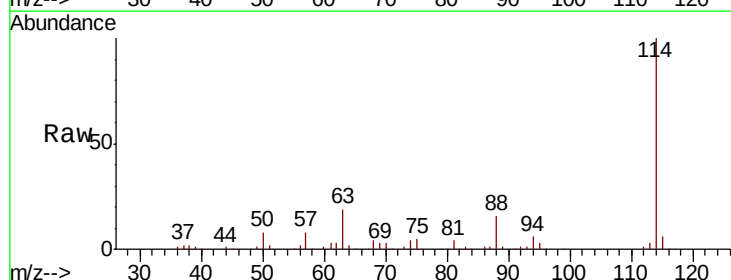
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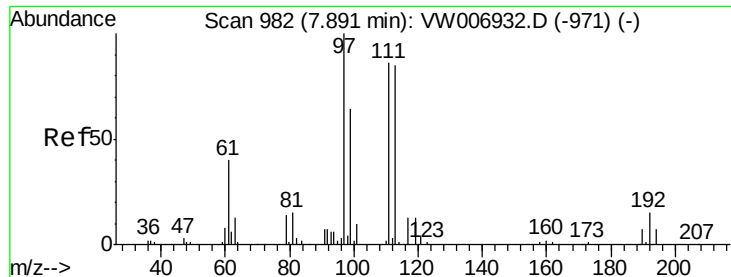
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.2
88	15.7	0.0	33.4





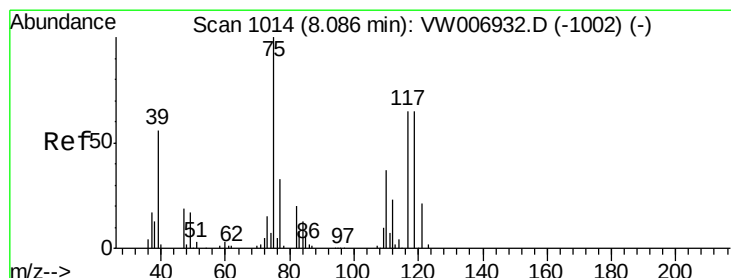
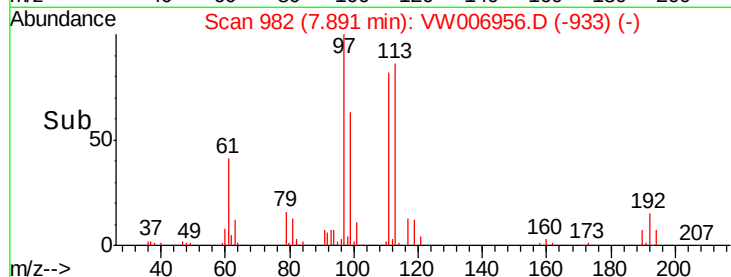
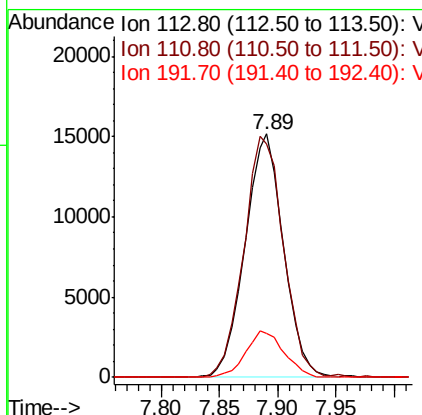
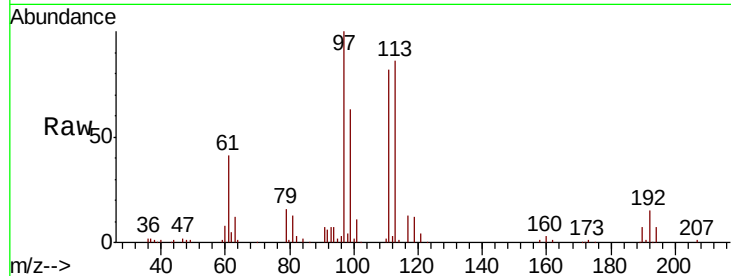
#35
 Dibromofluoromethane
 Concen: 53.163 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	19.1	13.9	20.9

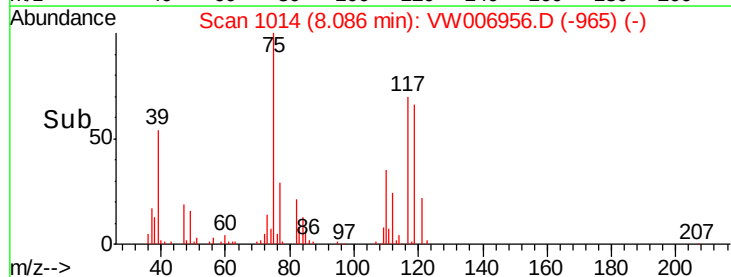
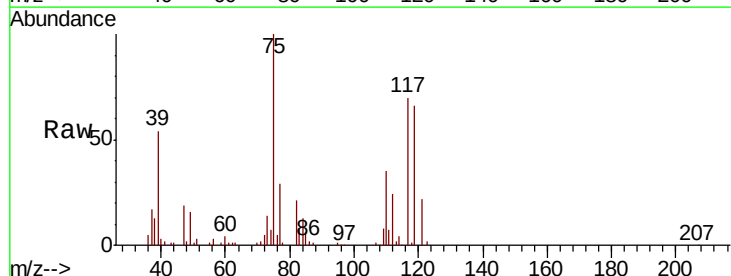
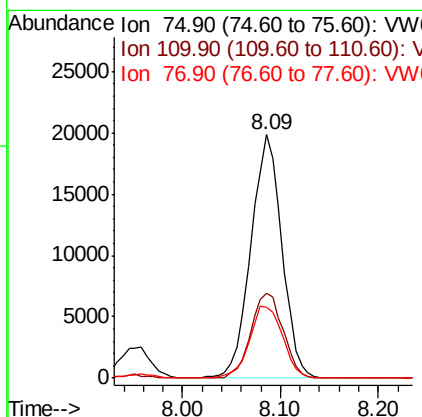
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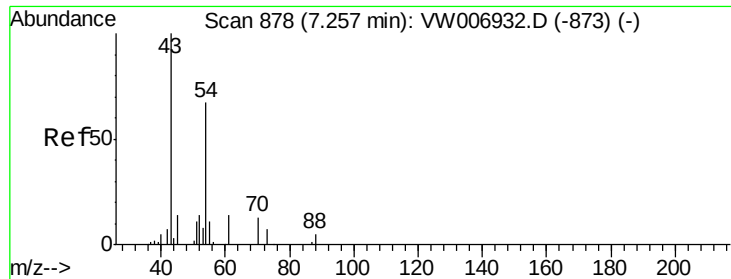
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#36
 1,1-Dichloropropene
 Concen: 41.151 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	31.5	25.4	38.0





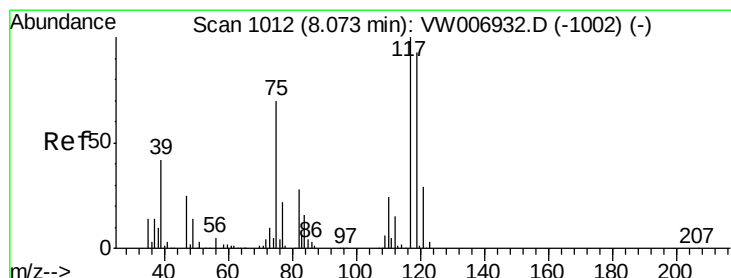
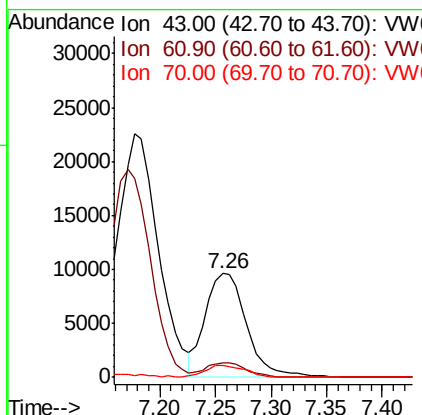
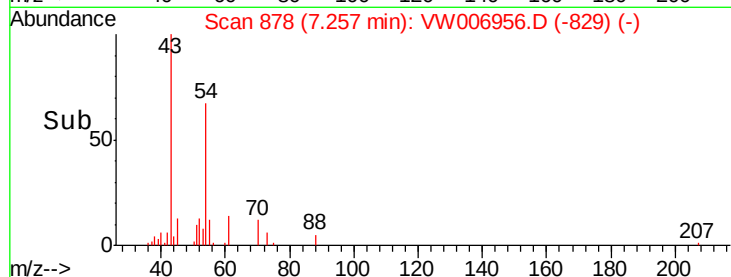
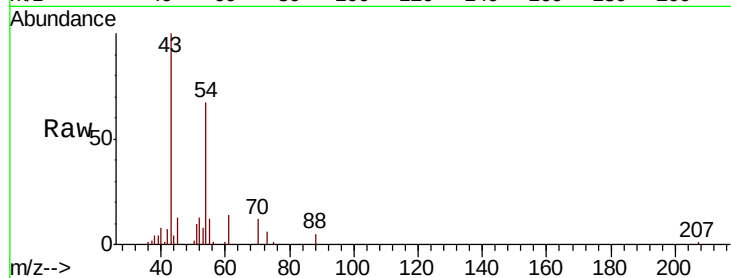
#37
Ethyl Acetate
Concen: 55.672 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.6
70	11.4	8.8	13.2

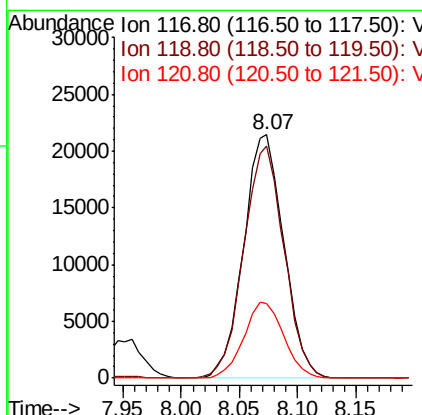
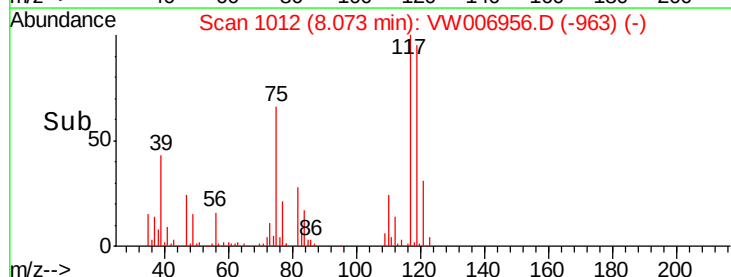
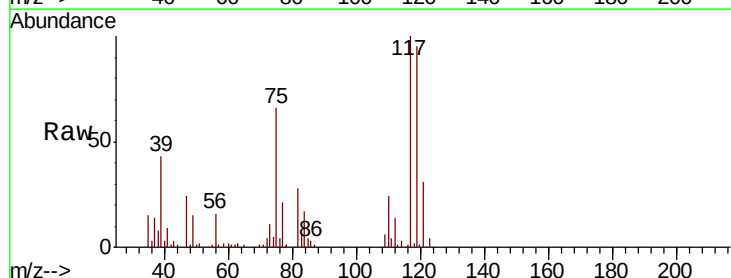
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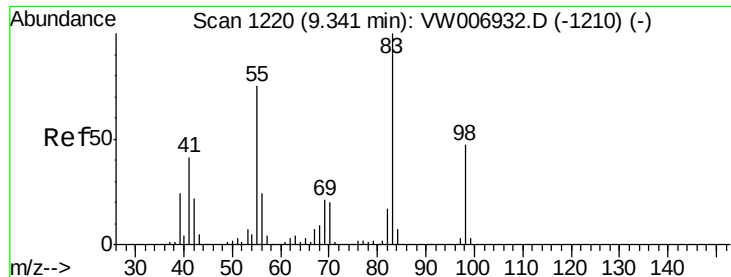
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#38
Carbon Tetrachloride
Concen: 49.480 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.2	111.4
121	30.9	23.5	35.3





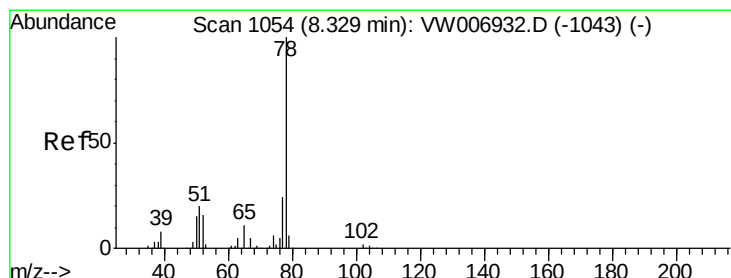
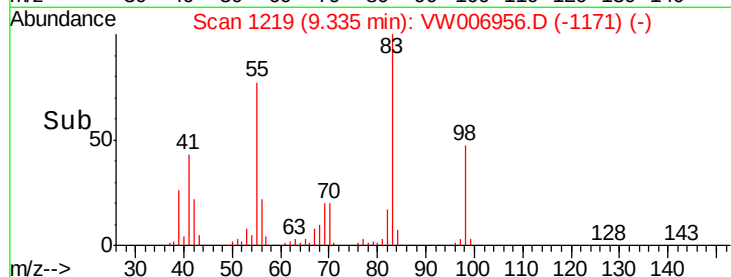
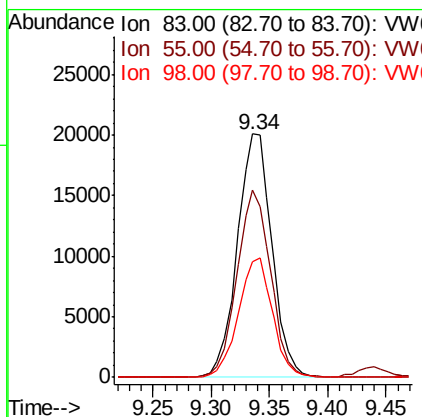
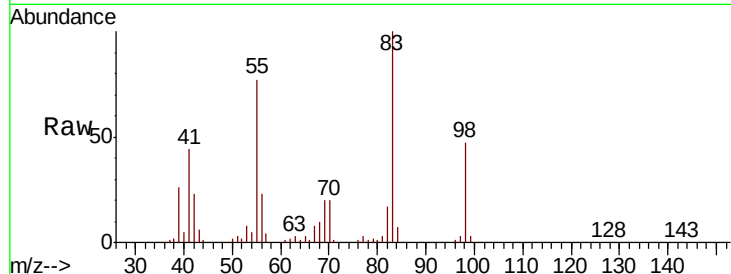
#39
Methylvlcyclohexane
Concen: 31.444 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.2	90.4
98	47.4	37.3	55.9

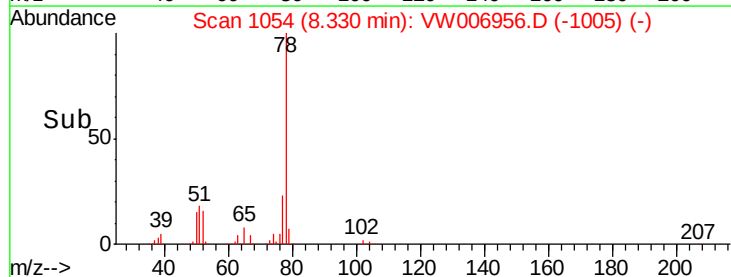
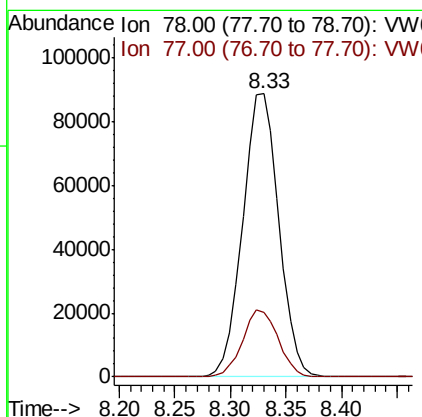
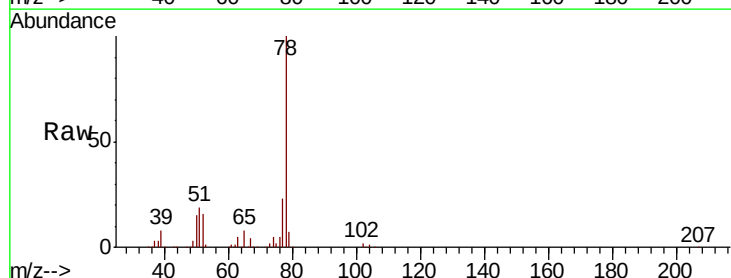
Manual Integrations
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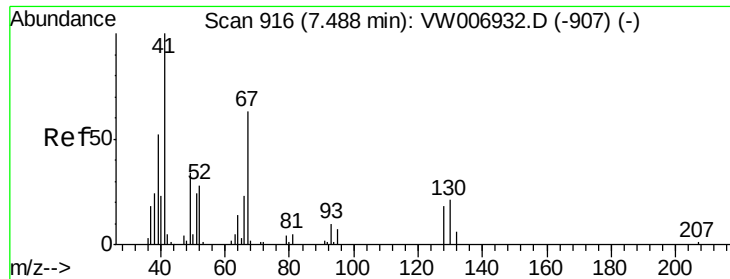
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#40
Benzene
Concen: 66.783 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





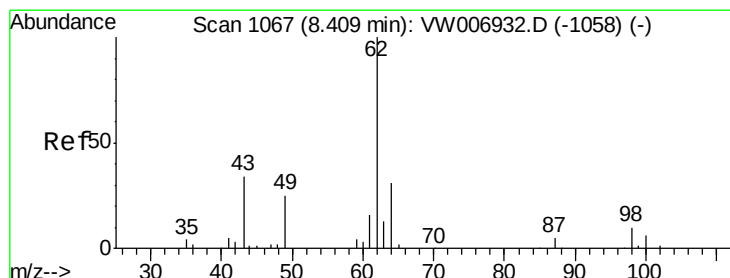
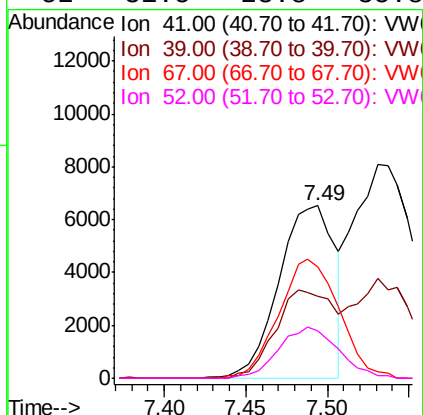
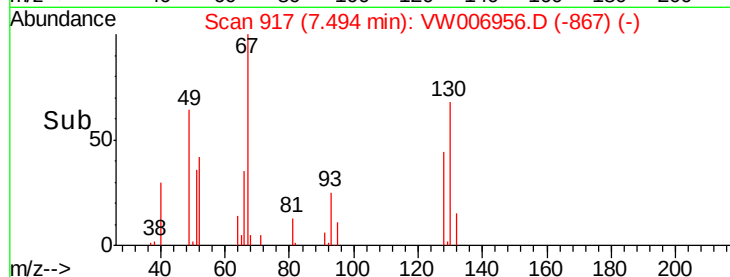
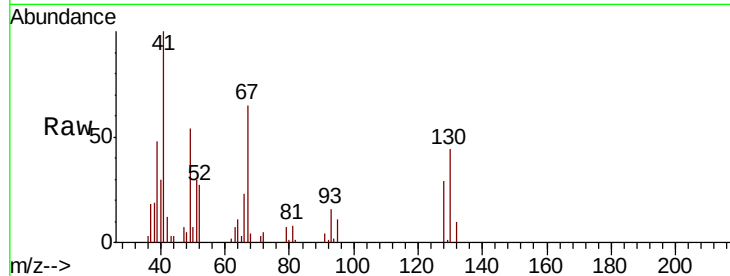
#41
Methacrylonitrile
Concen: 56.295 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	41.8	62.6
67	73.8	54.7	82.1
52	31.5	23.8	35.8

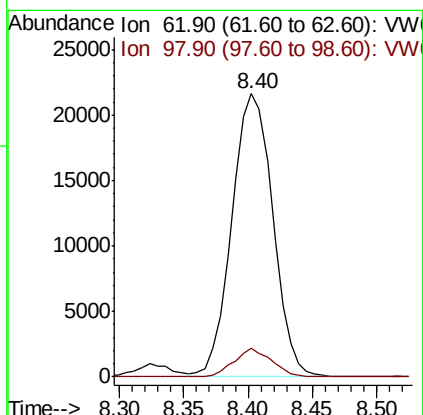
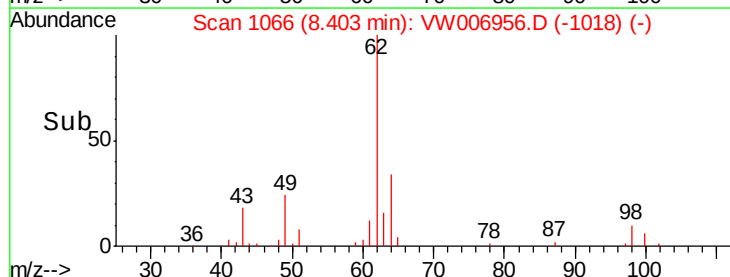
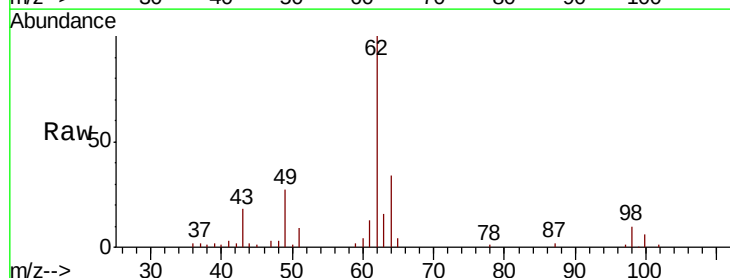
Manual Integrations
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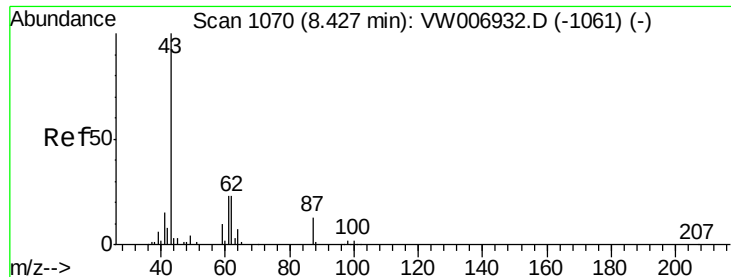
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#42
1,2-Dichloroethane
Concen: 53.235 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 54.689 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

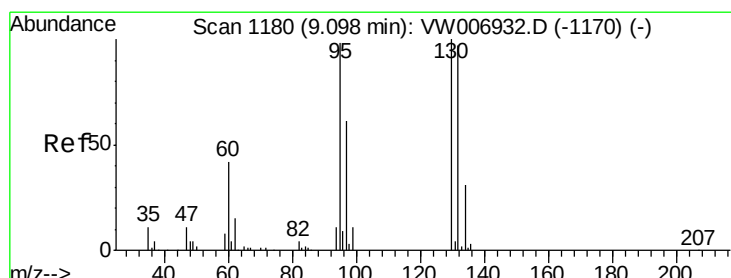
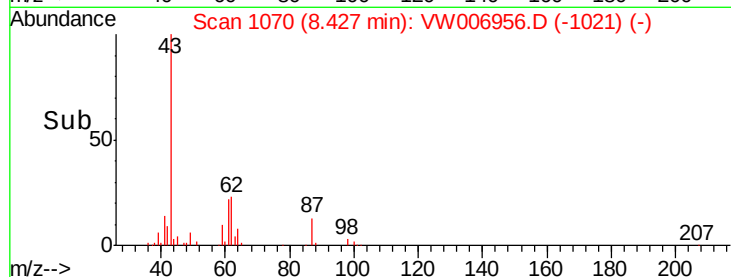
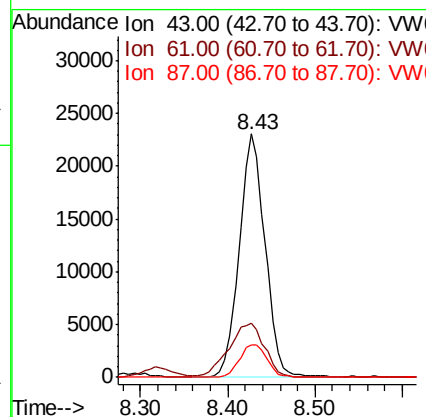
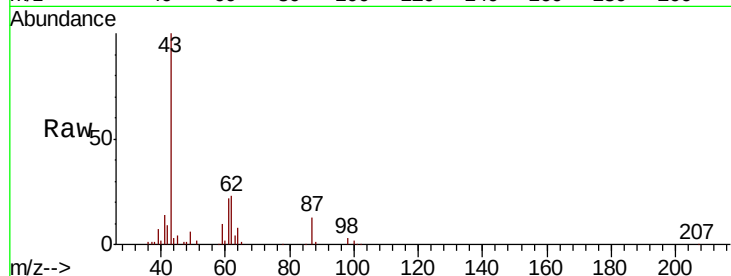
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	43	Resp:	47388
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.6	37.0
87	14.3	11.0	16.6

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#44

Trichloroethene

Concen: 43.419 ug/l

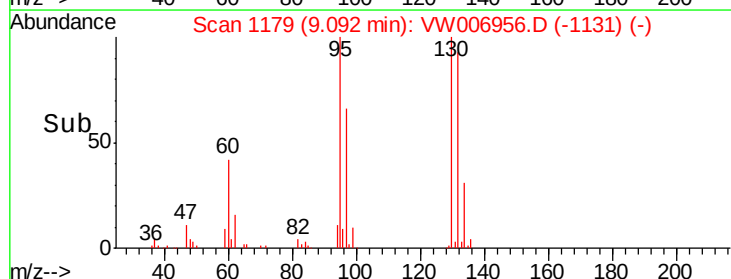
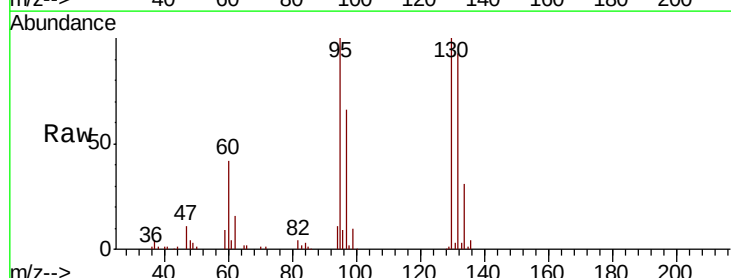
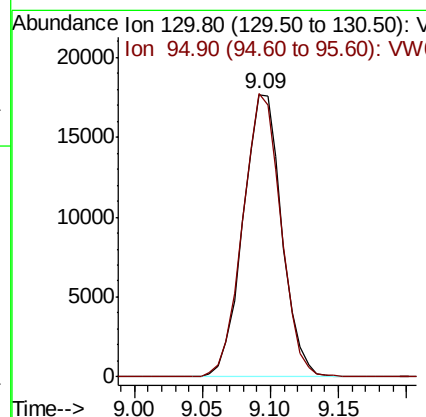
RT: 9.09 min Scan# 1179

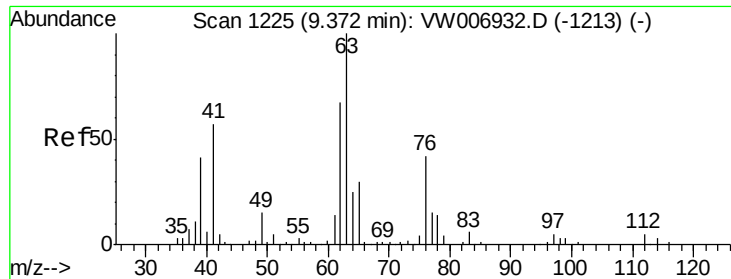
Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion:	130	Resp:	35044
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	196.4





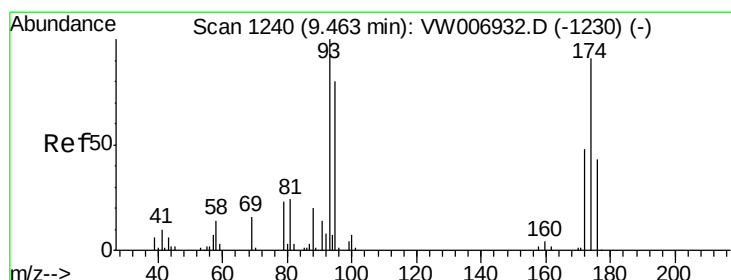
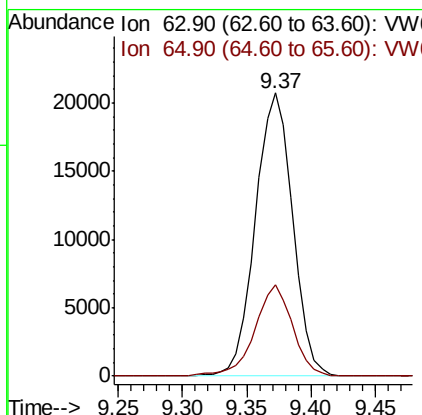
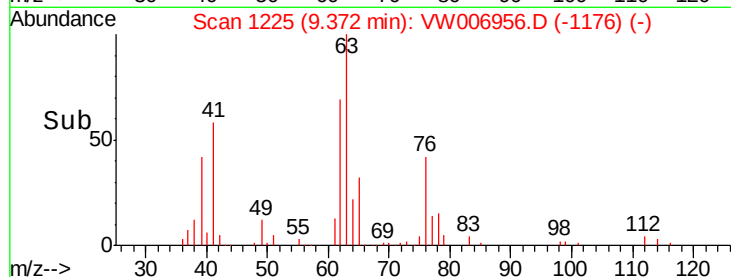
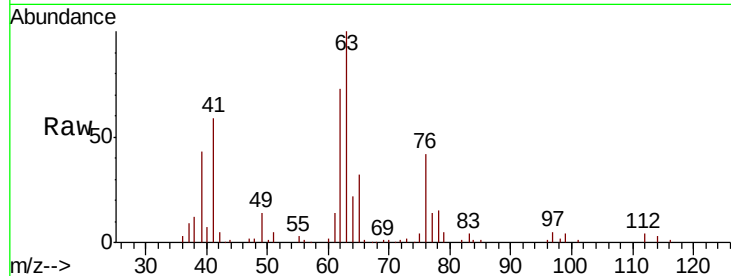
#45
 1,2-Dichloropropane
 Concen: 54.612 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.9	35.9

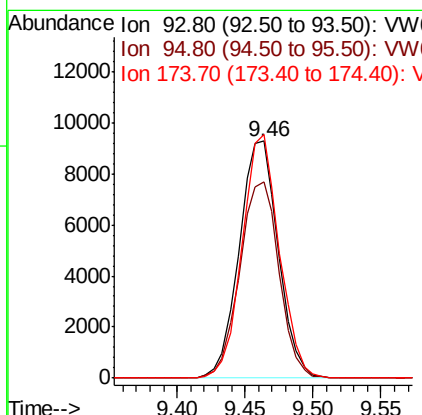
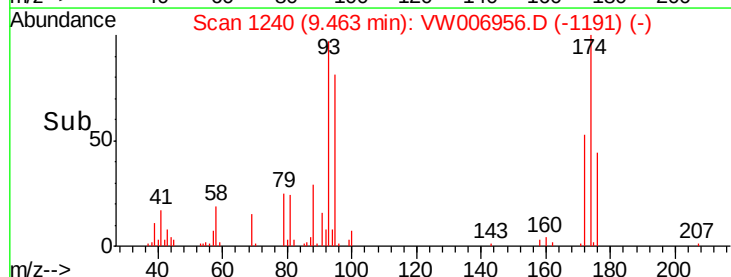
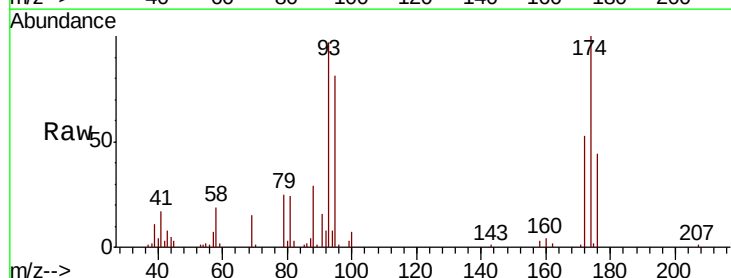
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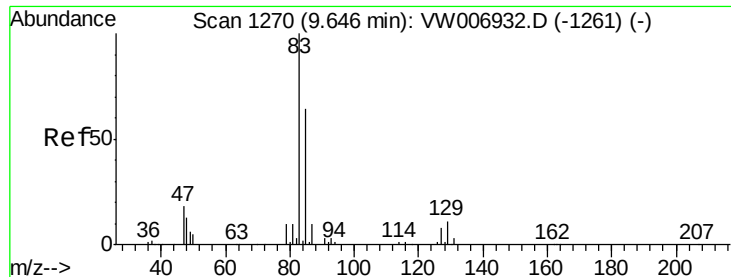
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#46
 Dibromomethane
 Concen: 48.535 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.7	98.5
174	97.4	75.0	112.4





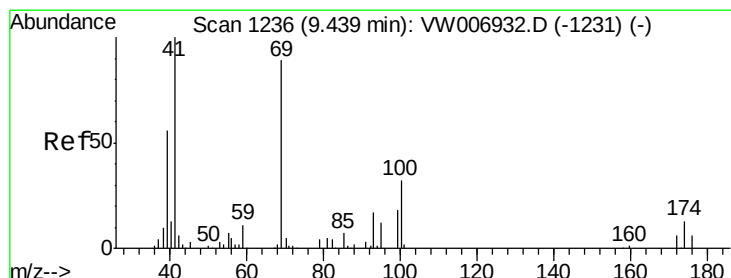
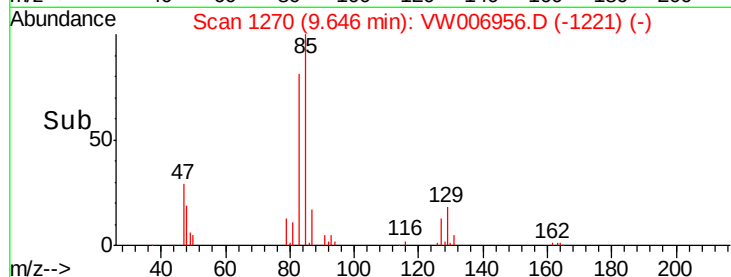
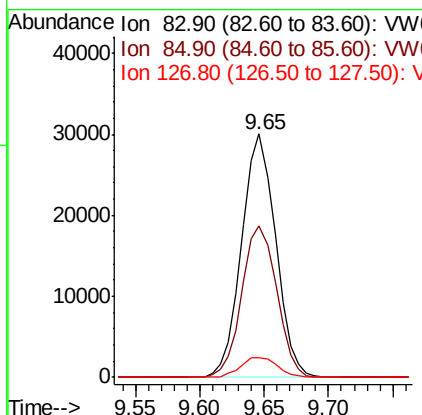
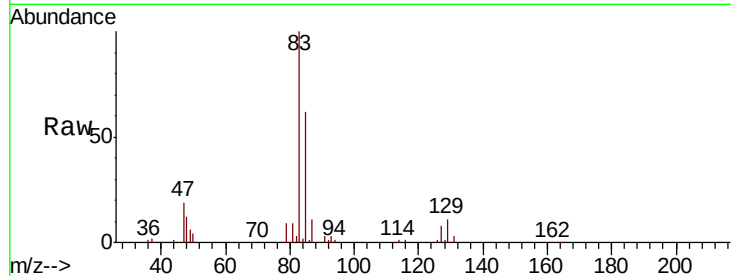
#47
Bromodichloromethane
Concen: 54.386 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.8	76.2
127	8.0	6.6	10.0

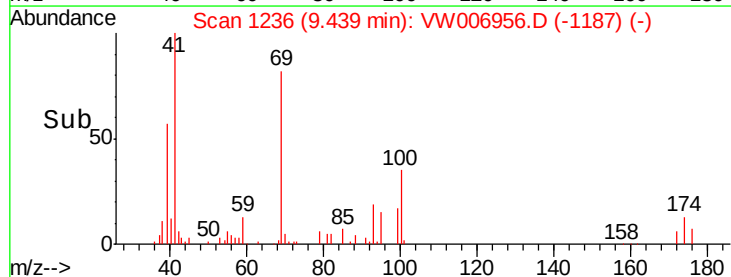
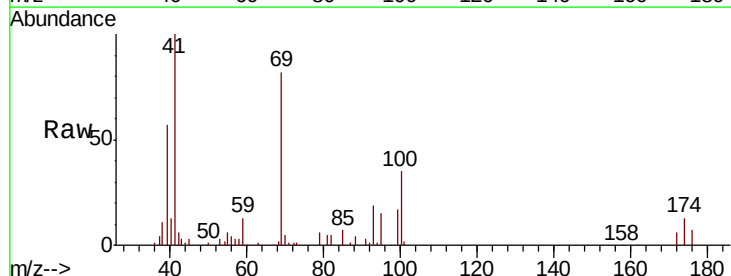
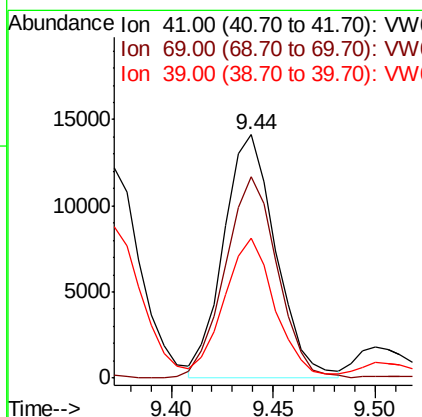
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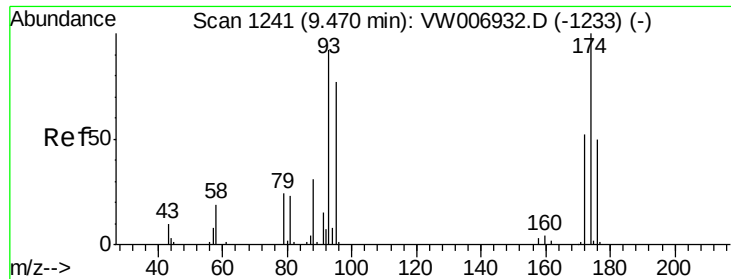
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#48
Methyl methacrylate
Concen: 59.556 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.3	73.4	110.0
39	56.1	46.1	69.1





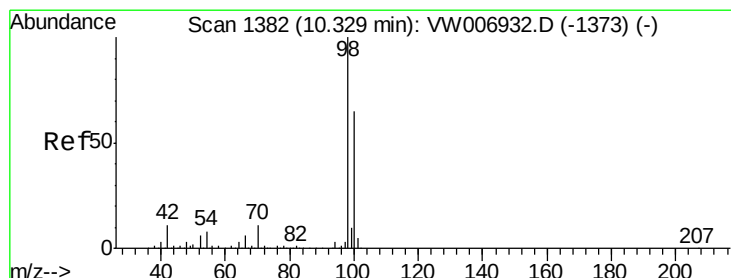
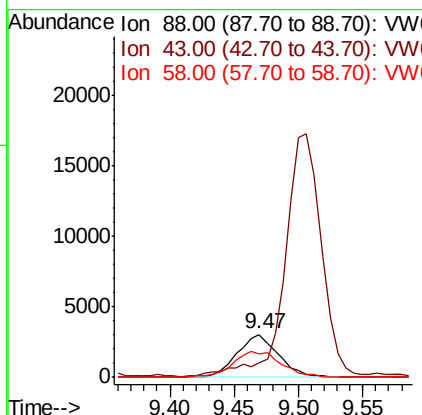
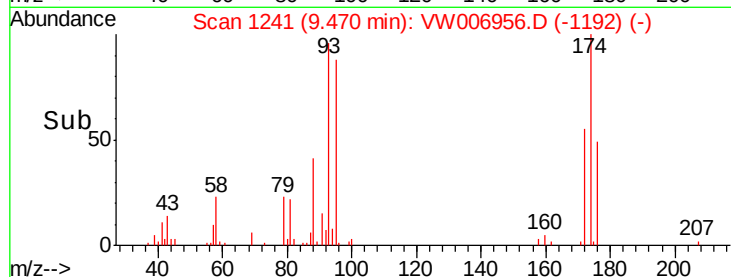
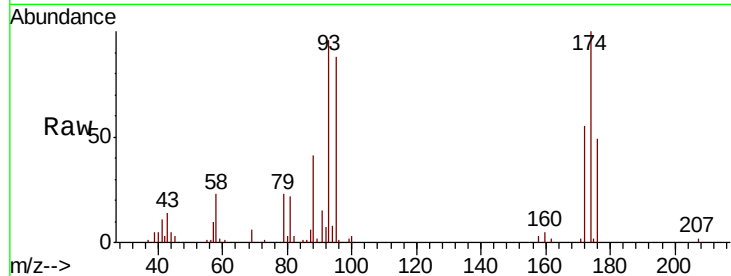
#49
1,4-Dioxane
Concen: 1162.770 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.0	57.4	86.2

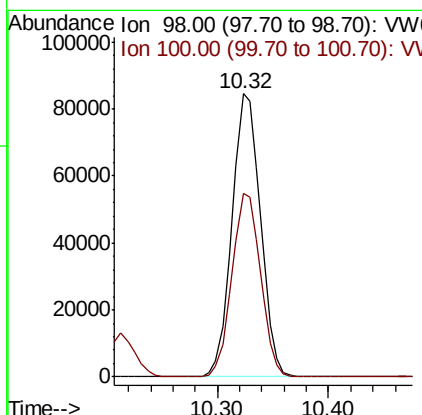
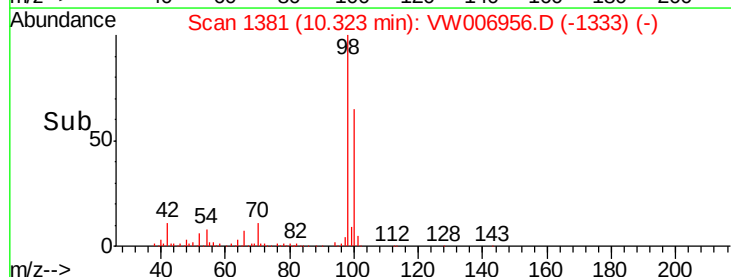
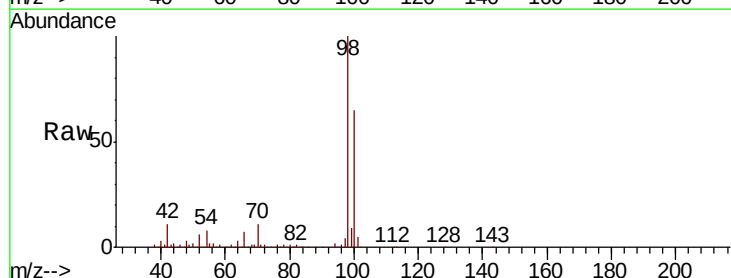
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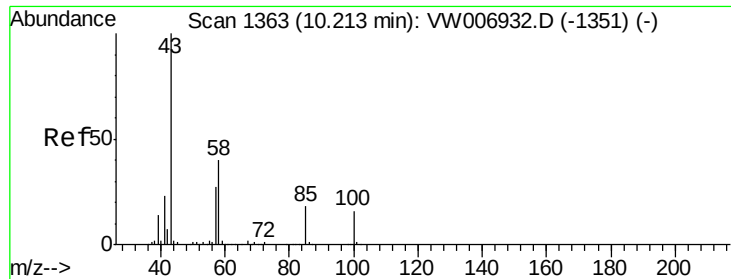
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#50
Toluene-d8
Concen: 53.410 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





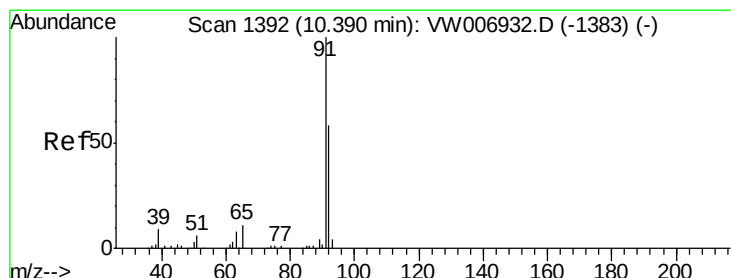
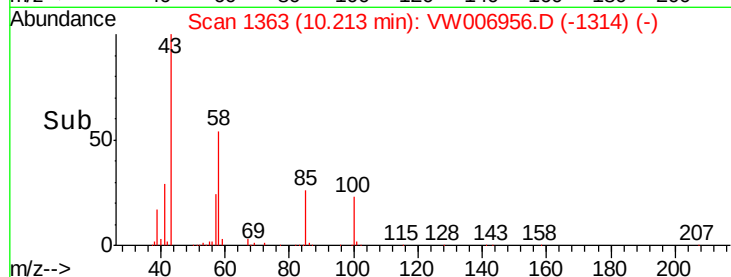
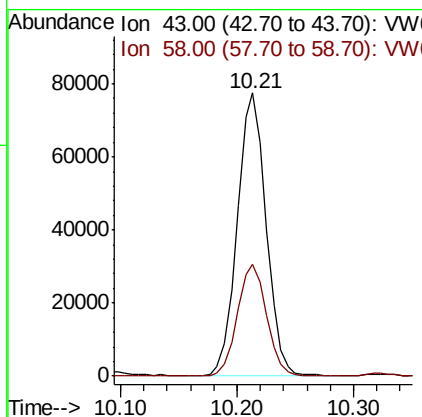
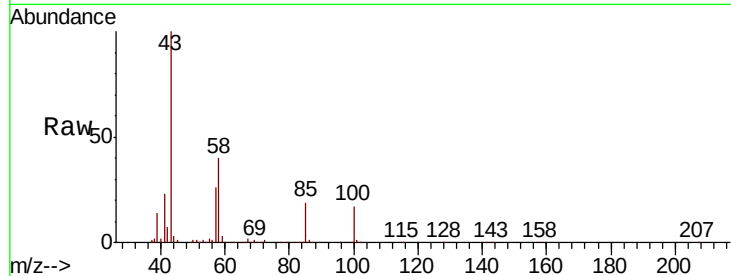
#51
4-Methyl-2-Pentanone
Concen: 313.640 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion: 43 Resp: 133944
Ion Ratio Lower Upper
43 100
58 40.0 31.0 46.4

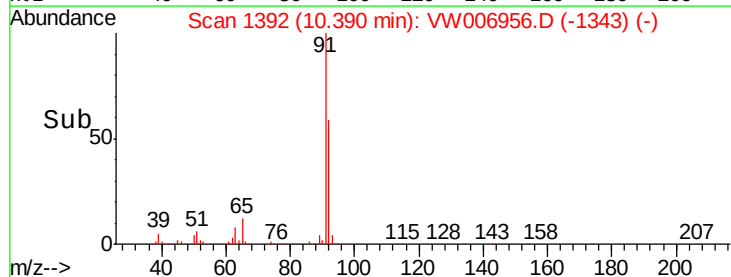
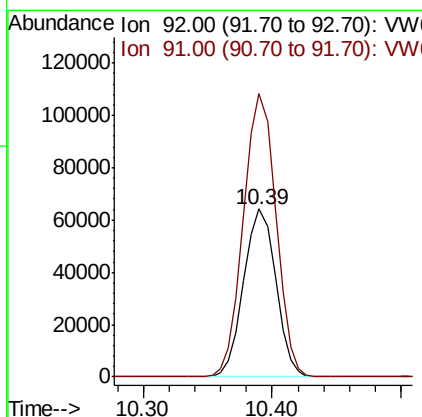
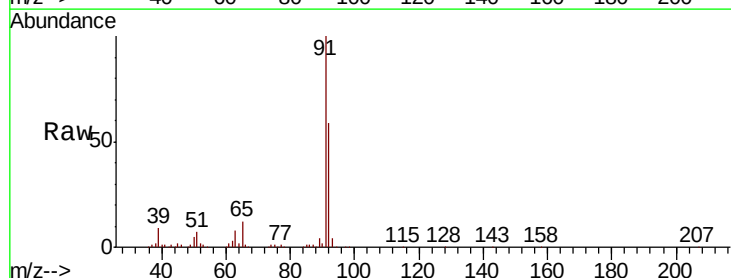
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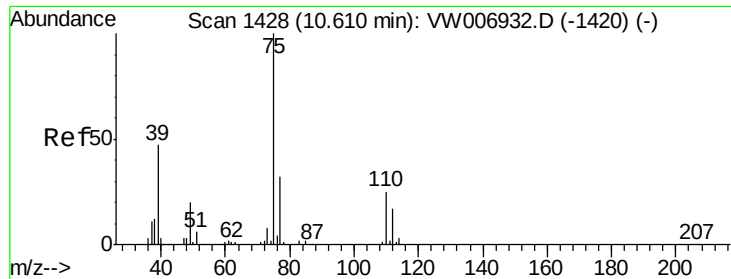
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#52
Toluene
Concen: 55.392 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion: 92 Resp: 111239
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9





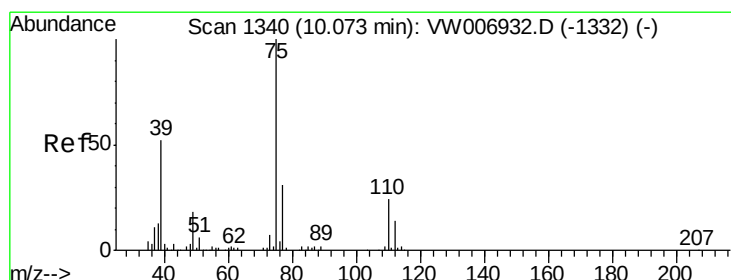
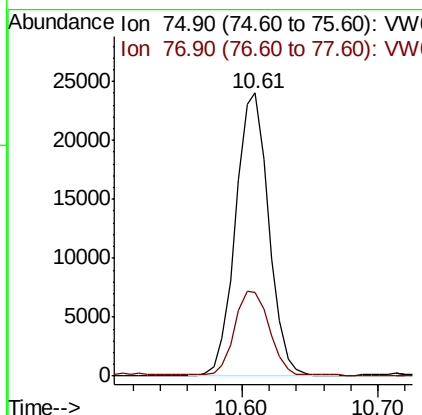
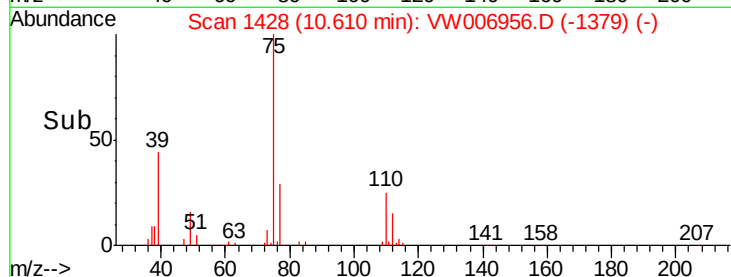
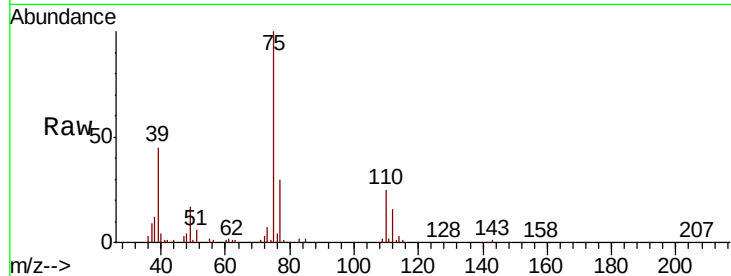
#53
t-1,3-Dichloropropene
Concen: 41.318 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion: 75 Resp: 40828
Ion Ratio Lower Upper
75 100
77 29.3 25.2 37.8

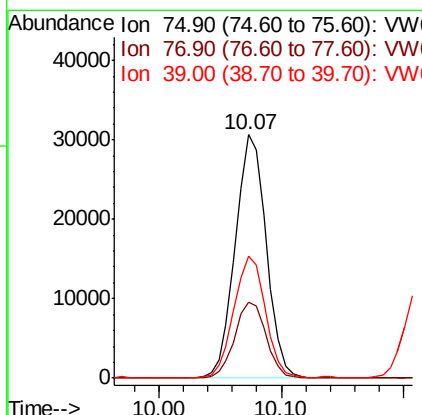
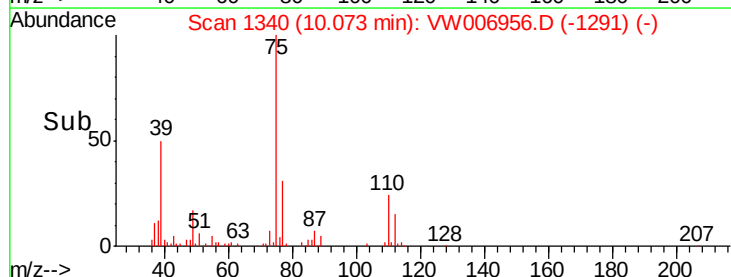
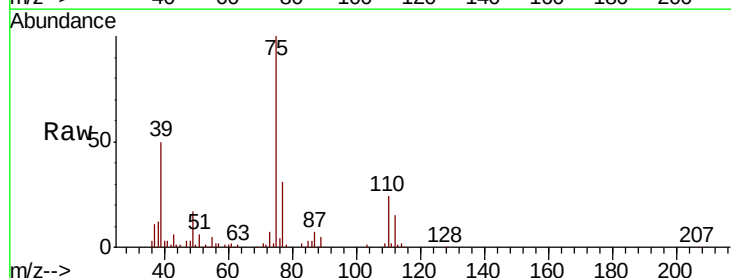
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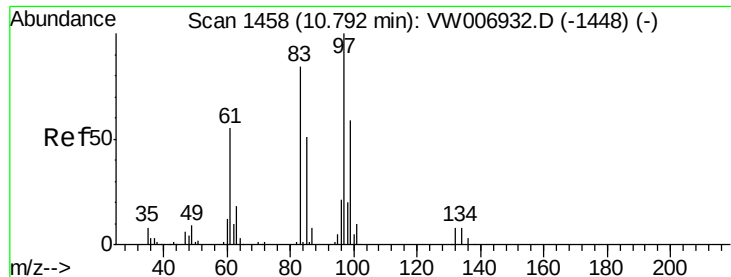
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#54
cis-1,3-Dichloropropene
Concen: 45.419 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion: 75 Resp: 53709
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 50.3 41.4 62.2





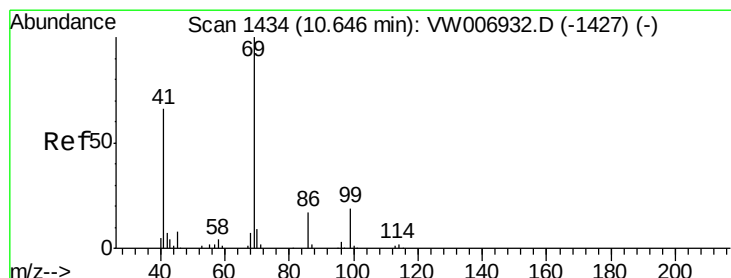
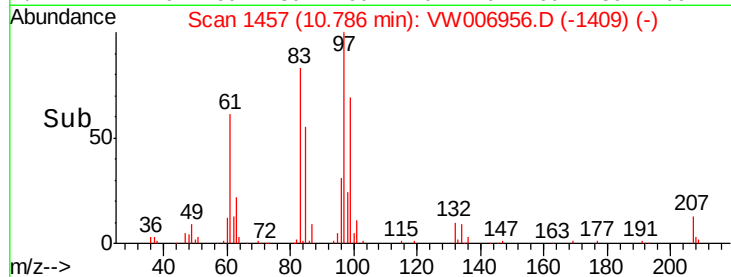
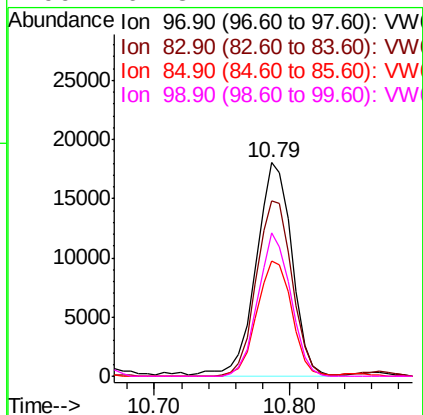
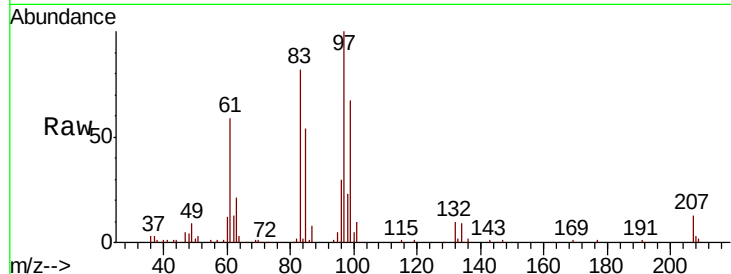
#55
 1,1,2-Trichloroethane
 Concen: 59.024 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion:	97	Resp:	33419
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.5	101.3
85	54.3	41.0	61.6
99	67.3	47.4	71.2

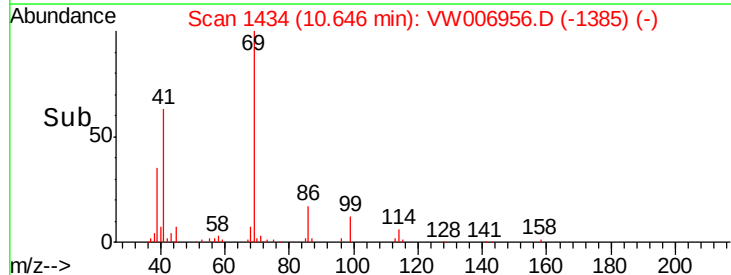
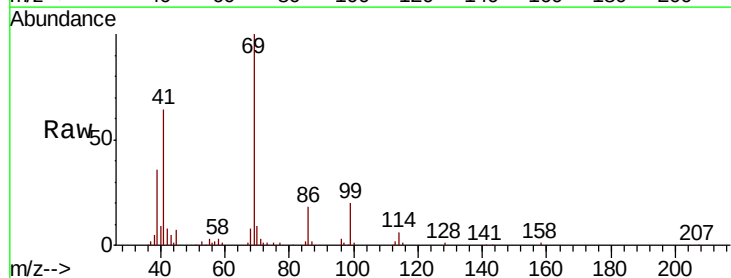
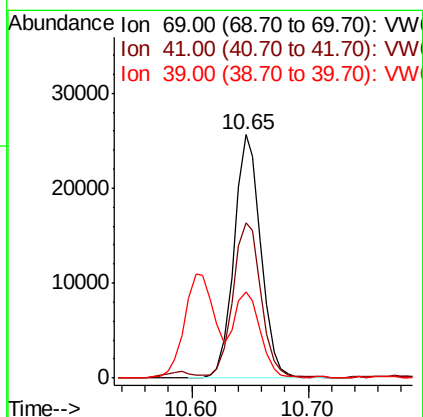
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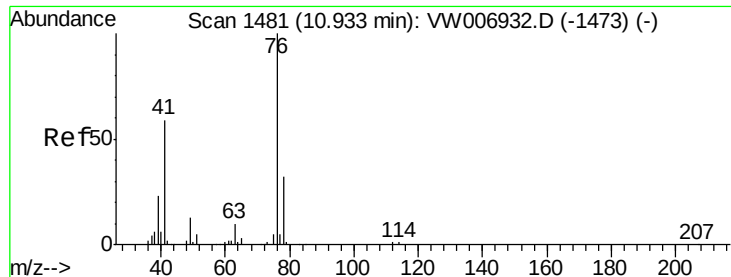
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#56
 Ethyl methacrylate
 Concen: 58.435 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion:	69	Resp:	41134
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.8	80.6
39	34.5	29.0	43.6





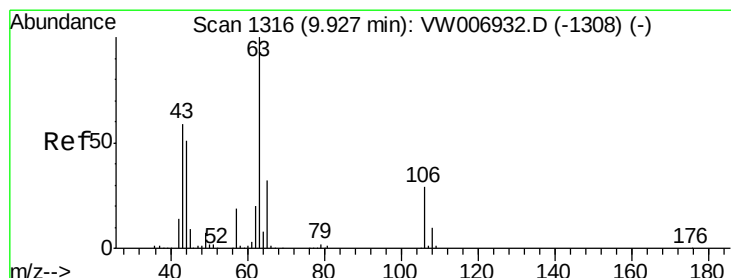
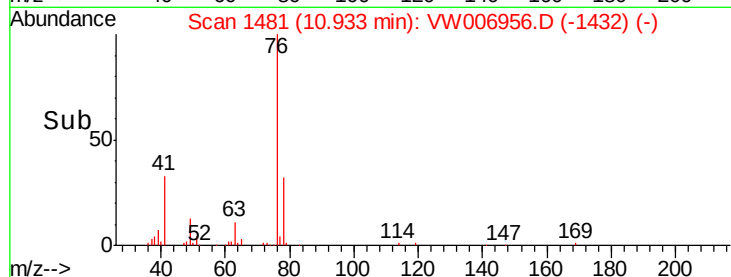
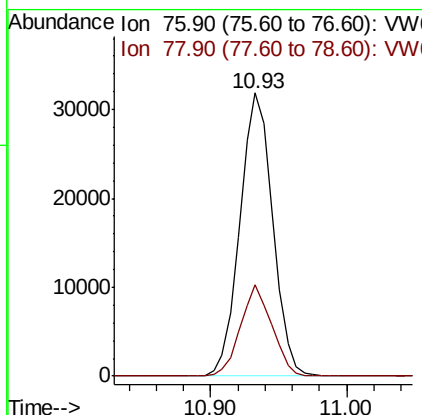
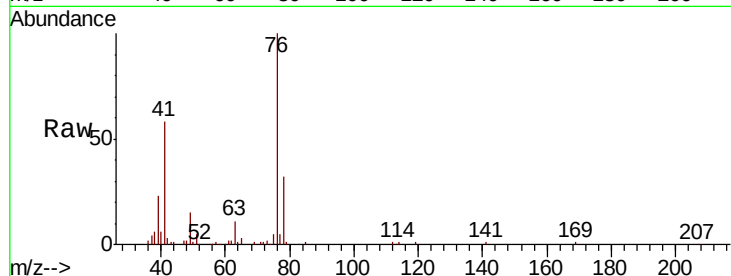
#57
 1,3-Dichloropropane
 Concen: 55.667 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.9	26.0	39.0

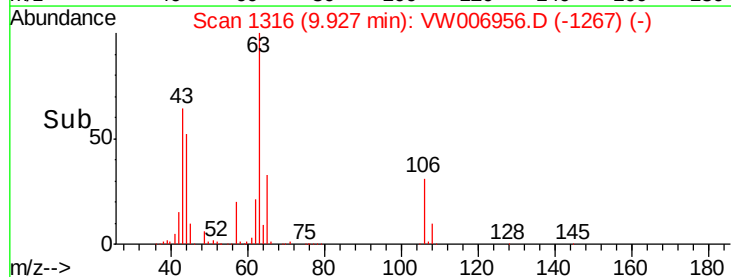
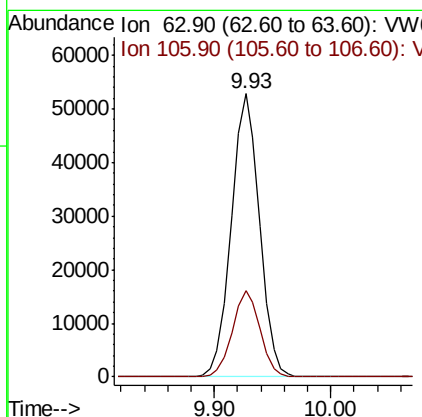
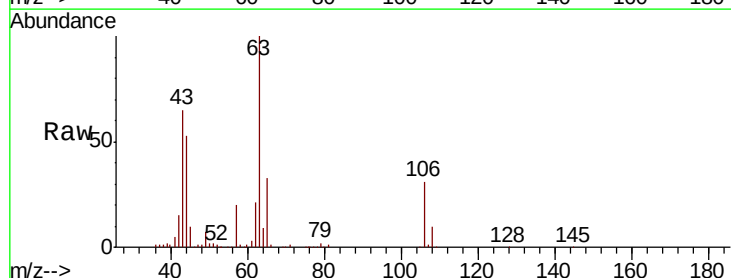
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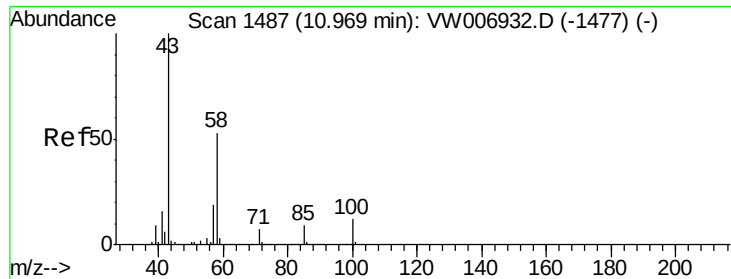
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.117 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	22.6	33.8





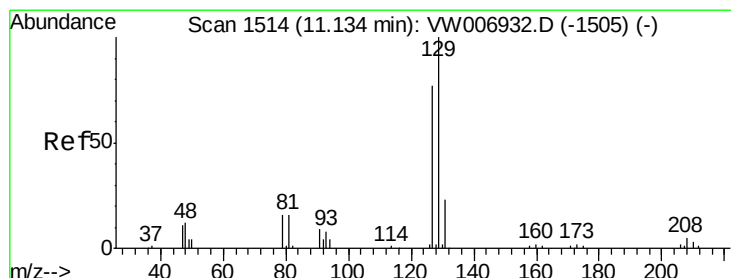
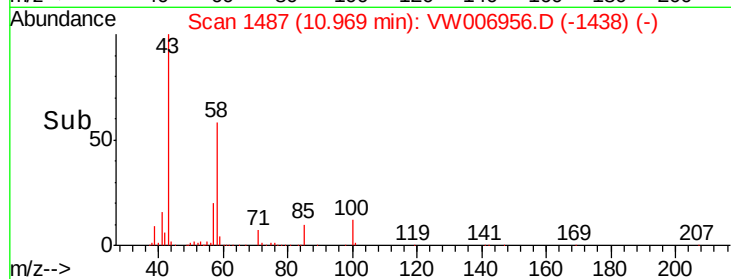
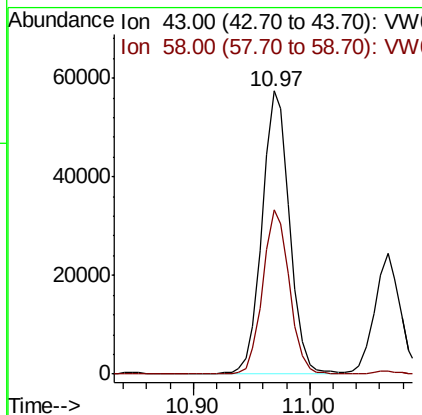
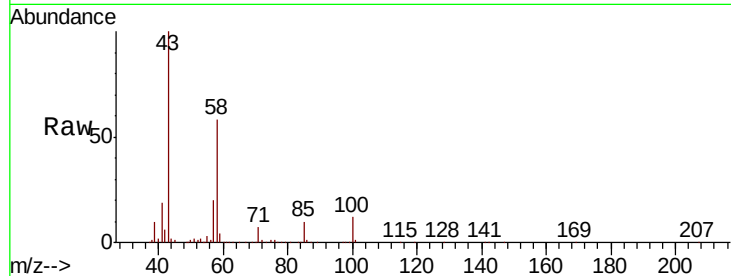
#59
2-Hexanone
Concen: 330.911 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion: 43 Resp: 94581
Ion Ratio Lower Upper
43 100
58 56.4 26.8 80.4

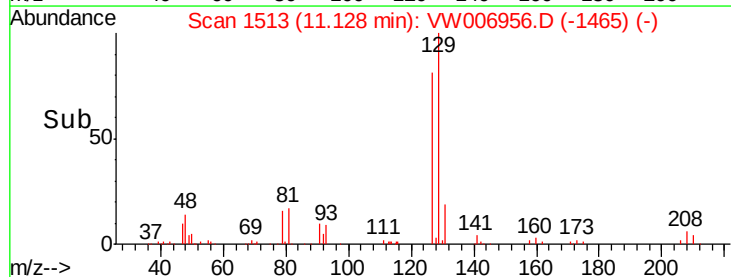
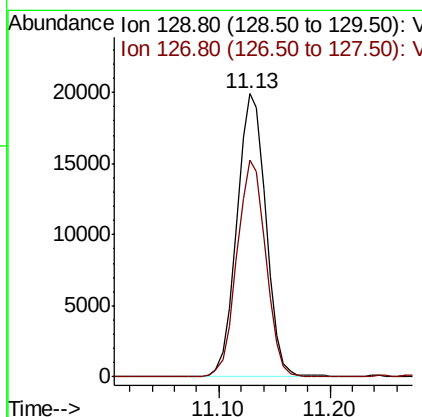
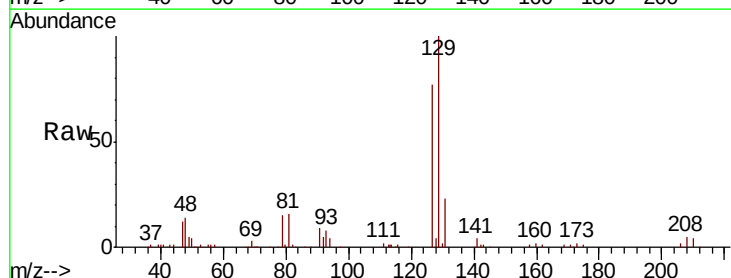
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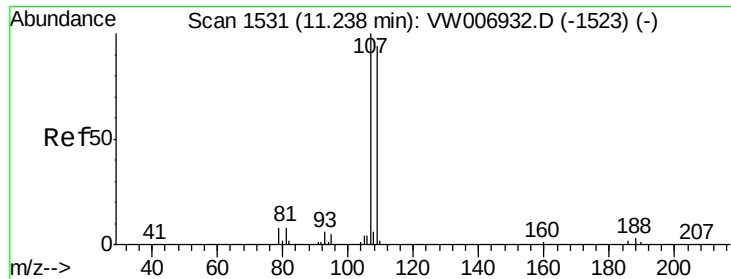
apatel
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#60
Dibromochloromethane
Concen: 55.637 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion: 129 Resp: 35922
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.493 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:107 Resp: 26570

Ion Ratio Lower Upper

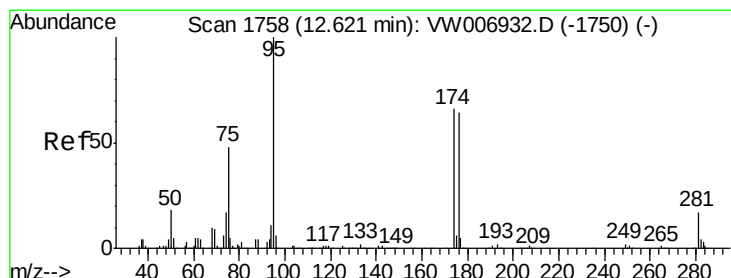
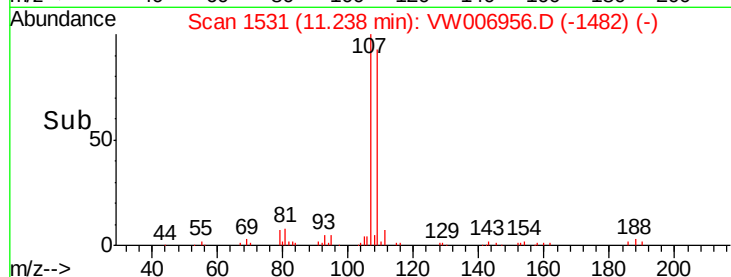
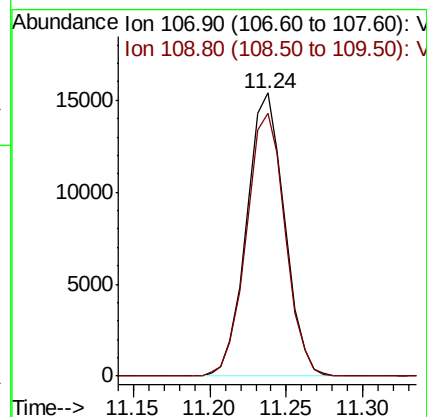
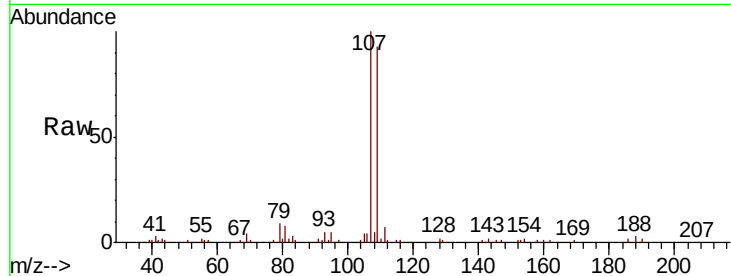
107 100

109 94.8 75.5 113.3

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#62

4-Bromofluorobenzene

Concen: 45.738 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

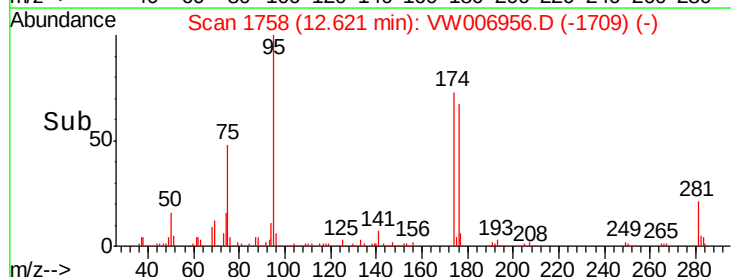
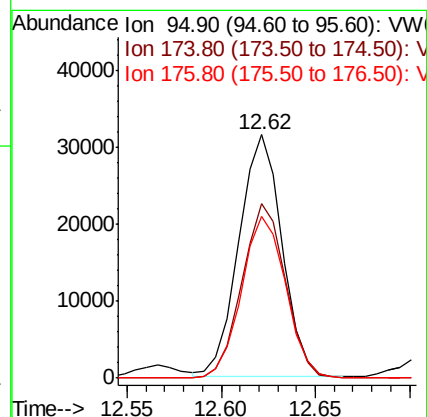
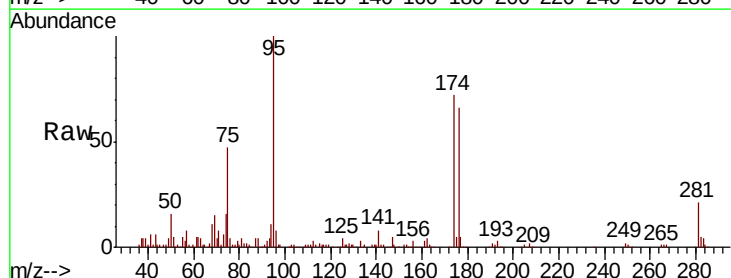
Tgt Ion: 95 Resp: 50032

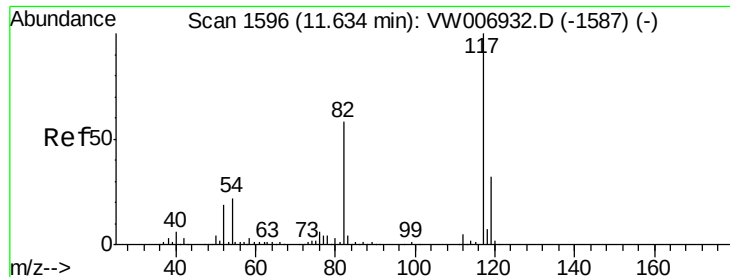
Ion Ratio Lower Upper

95 100

174 72.6 0.0 138.4

176 68.1 0.0 133.4





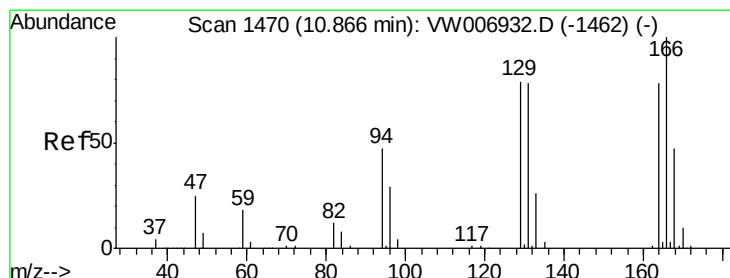
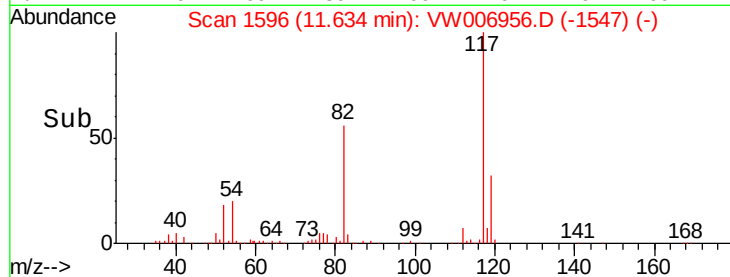
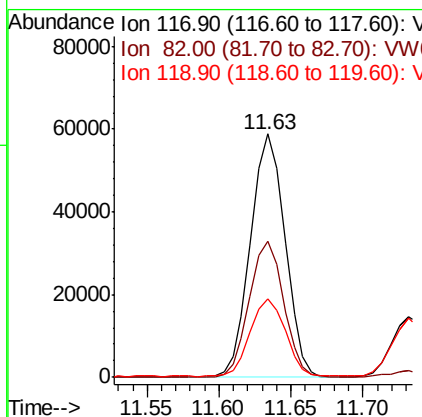
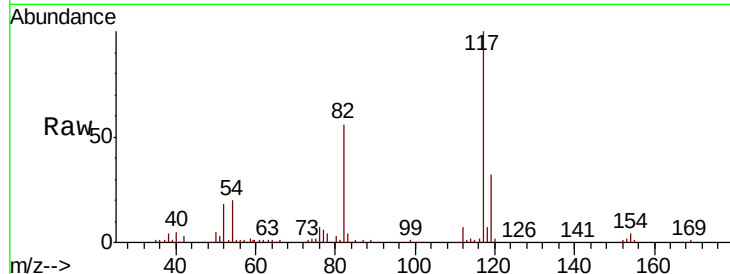
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.2	69.2
119	31.8	25.5	38.3

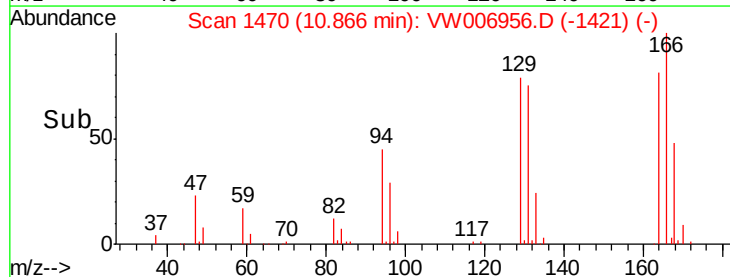
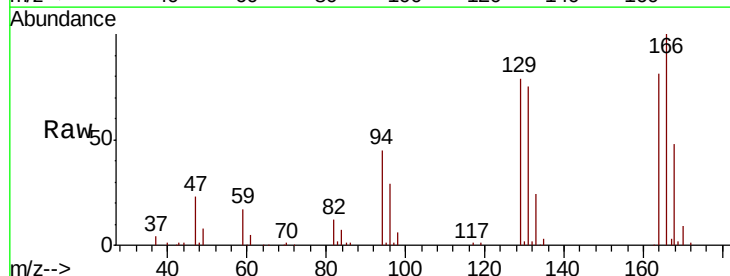
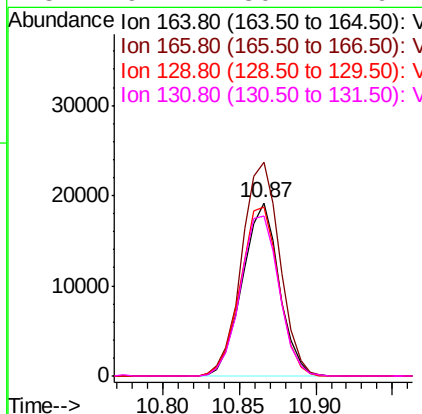
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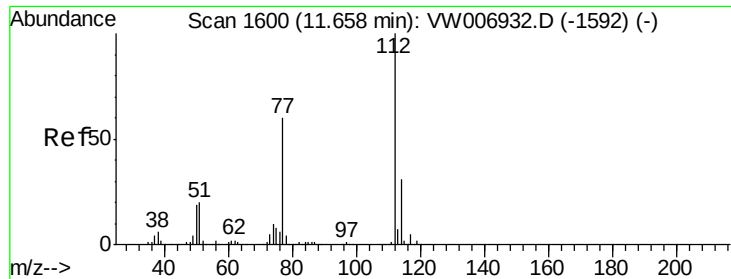
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#64
Tetrachloroethene
Concen: 50.871 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	102.6	154.0
129	98.0	81.0	121.4
131	92.7	80.2	120.2





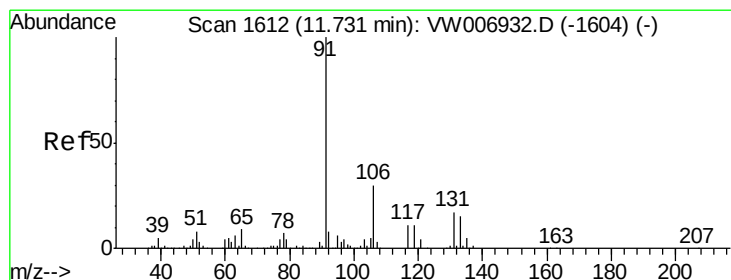
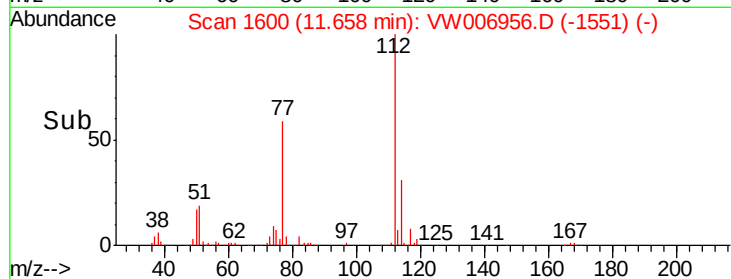
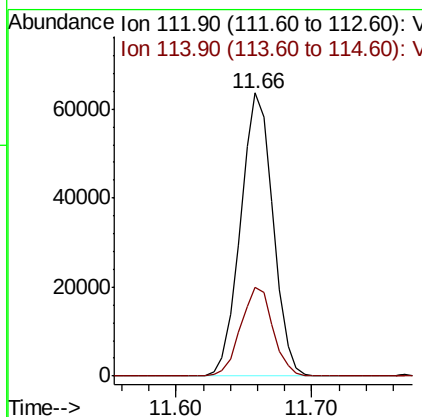
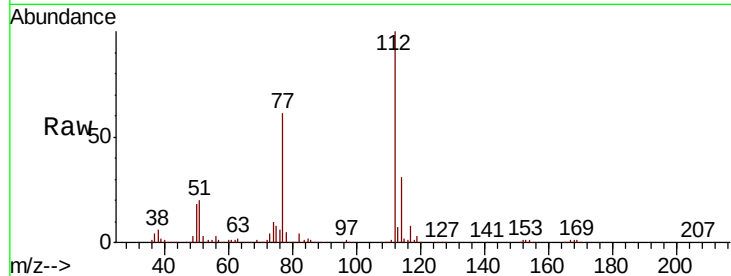
#65
Chlorobenzene
Concen: 51.365 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	24.6	37.0

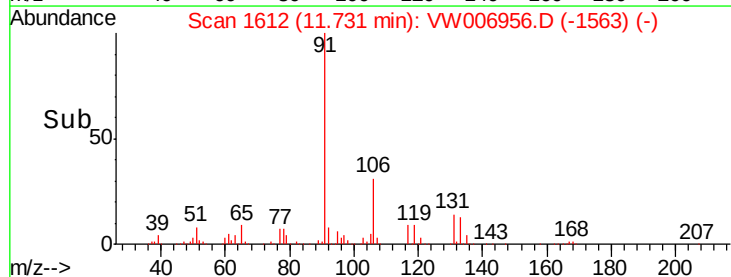
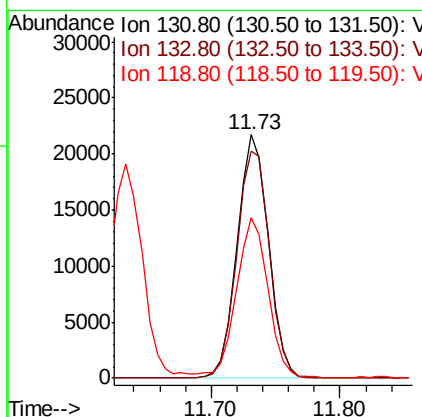
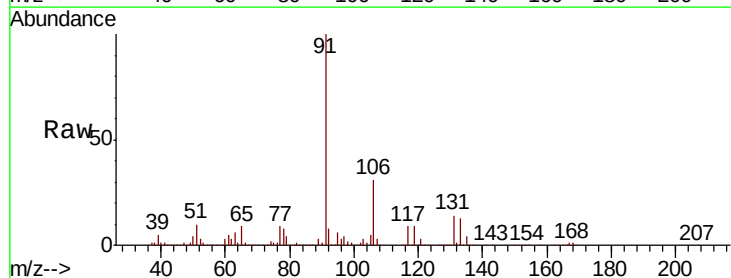
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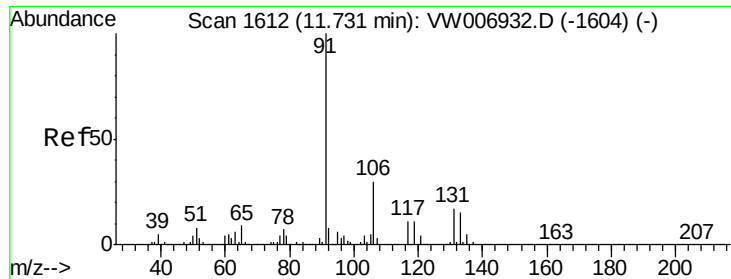
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.369 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.2	141.6
119	66.1	32.5	97.4





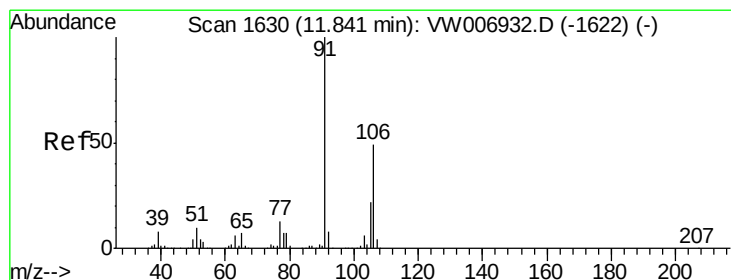
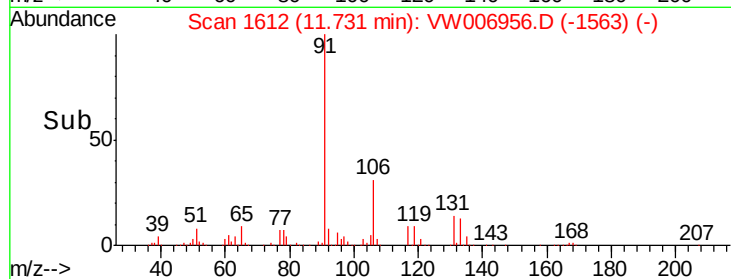
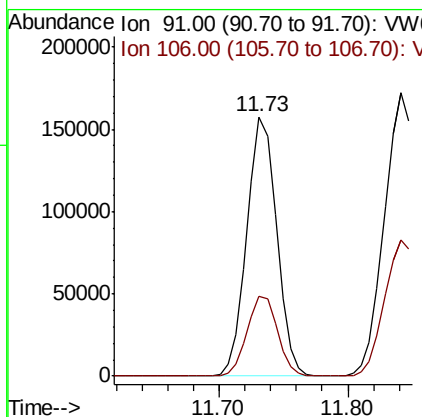
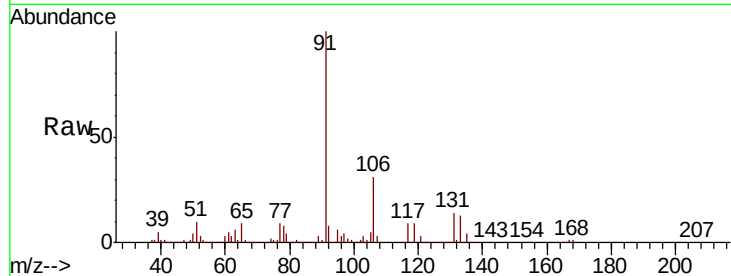
#67
Ethyl Benzene
Concen: 67.825 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.9	24.0	36.0	

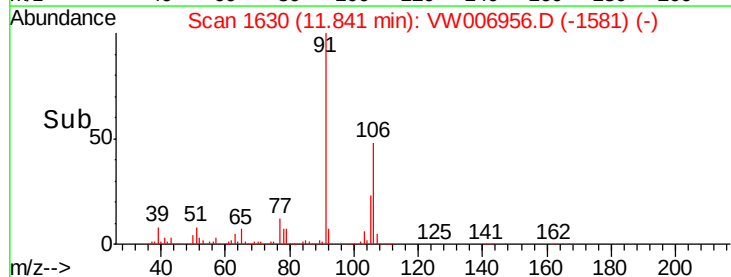
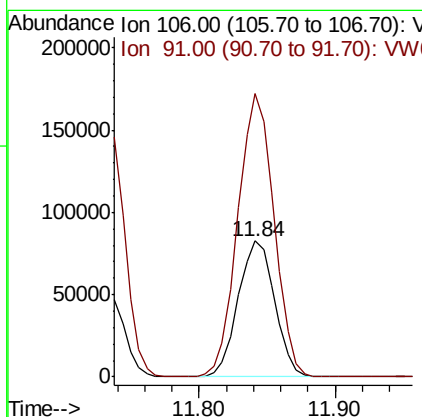
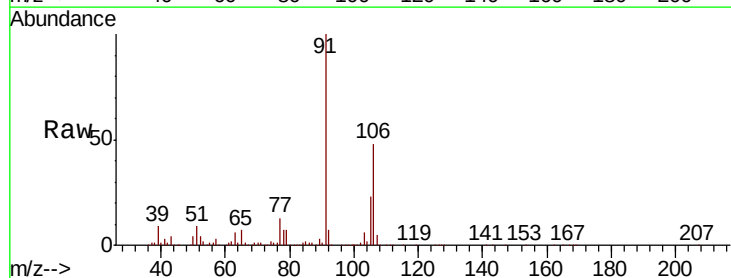
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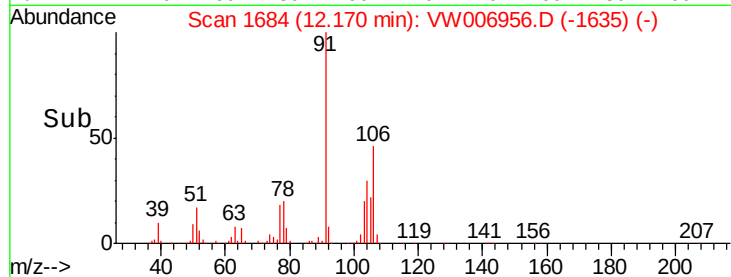
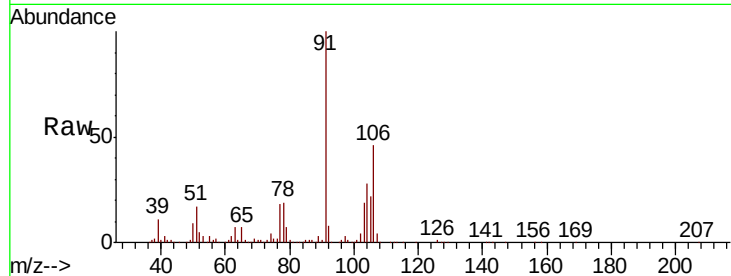
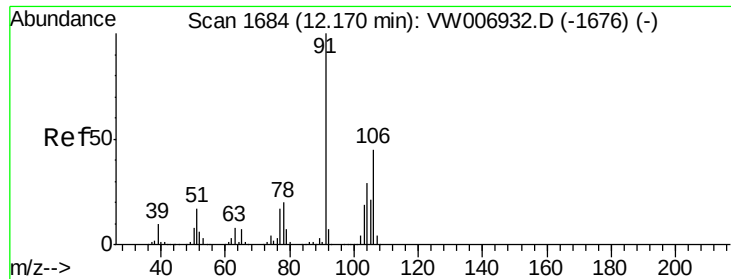
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#68
m/p-Xylenes
Concen: 106.834 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.5	165.0	247.4	





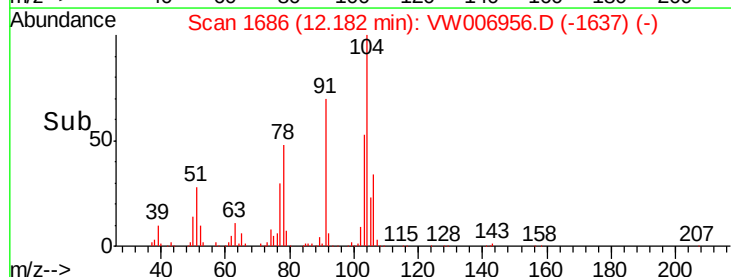
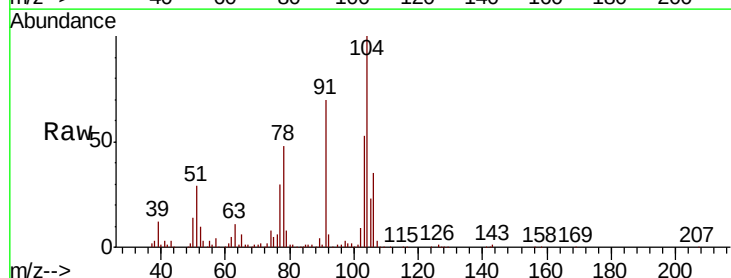
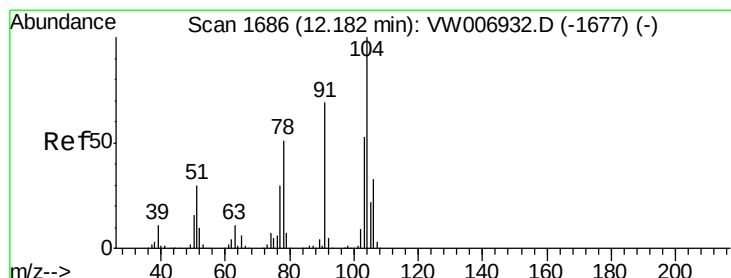
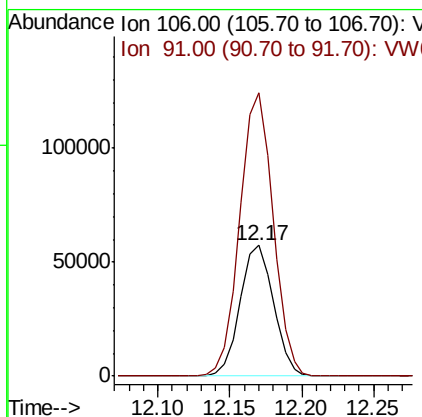
#69
o-Xylene
Concen: 67.382 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion:106 Resp: 92705
Ion Ratio Lower Upper
106 100
91 215.6 109.2 327.6

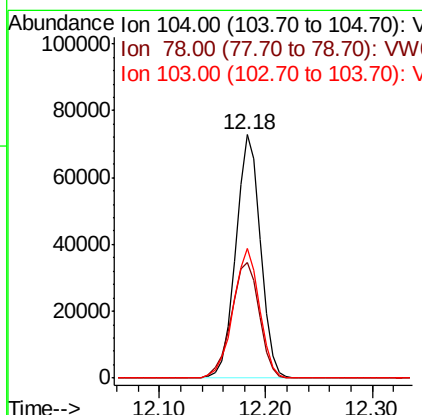
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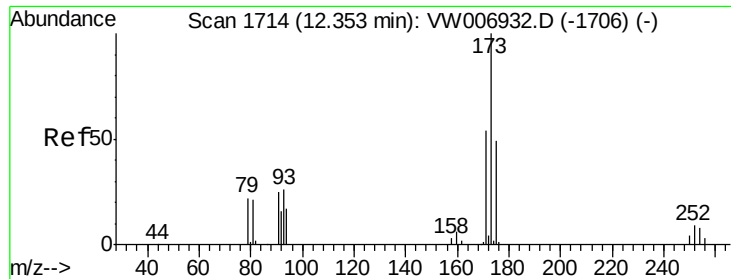
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#70
Styrene
Concen: 53.549 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion:104 Resp: 118475
Ion Ratio Lower Upper
104 100
78 54.1 42.5 63.7
103 56.8 44.3 66.5





#71

Bromoform

Concen: 59.789 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

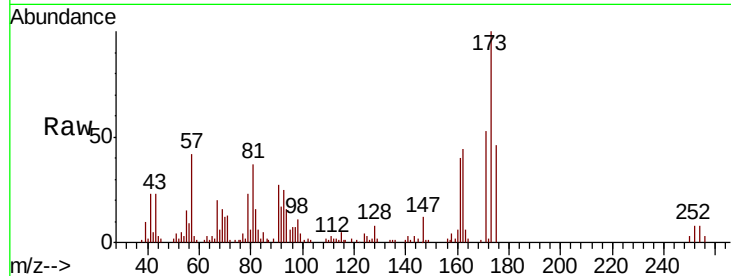
ClientSampleId :

DTW-02(11-13)MS

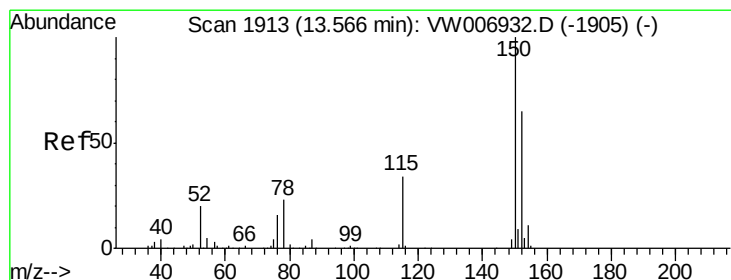
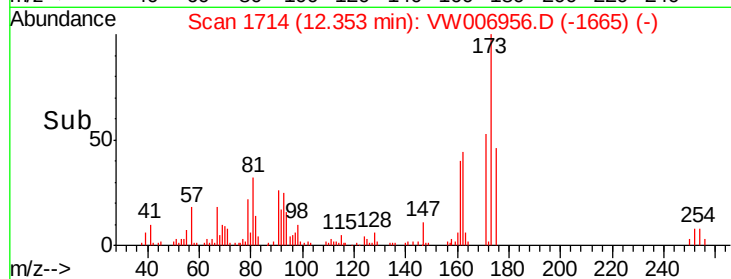
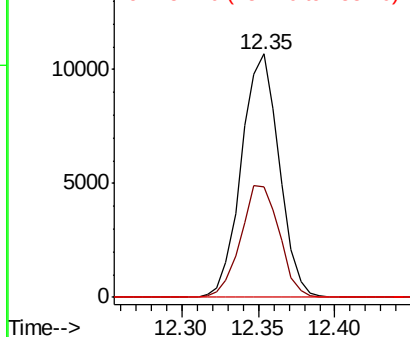
Tot Ion:	173	Resp:	18340
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.0	72.0
254	0.0	0.0	0.0

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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

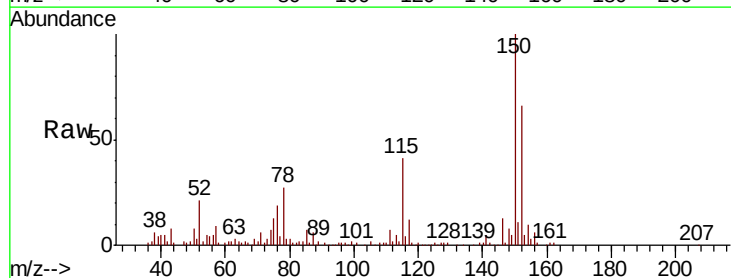
RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

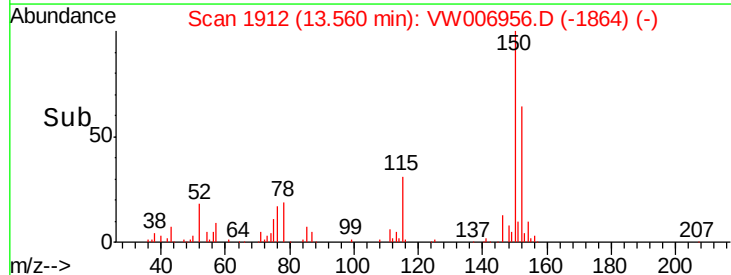
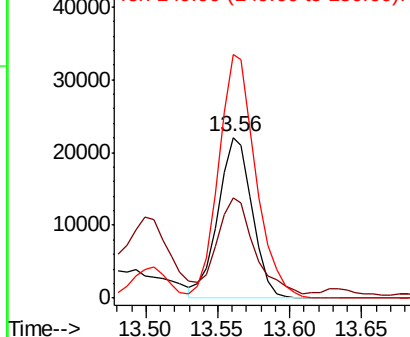
Lab File: VW006956.D

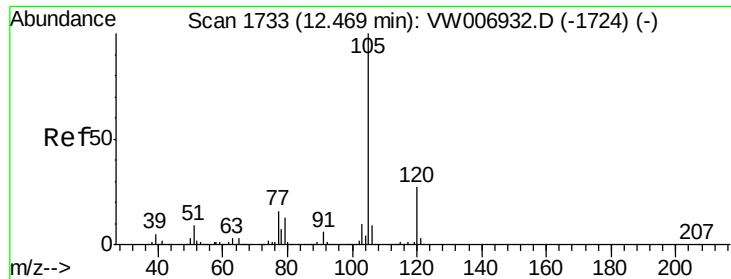
Acq: 19 Nov 2018 21:25

Tgt Ion:	152	Resp:	36746
Ion Ratio	Lower	Upper	
152	100		
115	62.6	31.6	94.7
150	163.6	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: 63.350 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:105 Resp: 184354

Ion Ratio Lower Upper

105 100

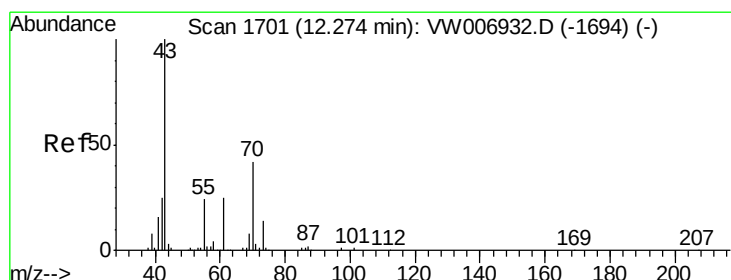
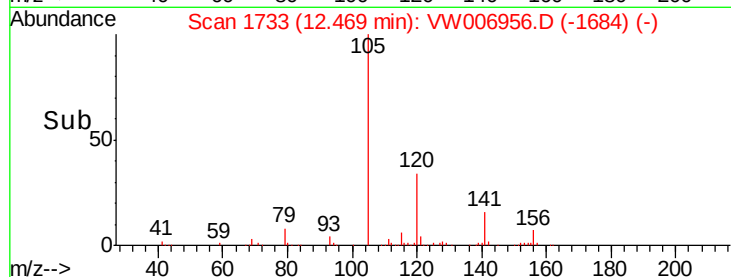
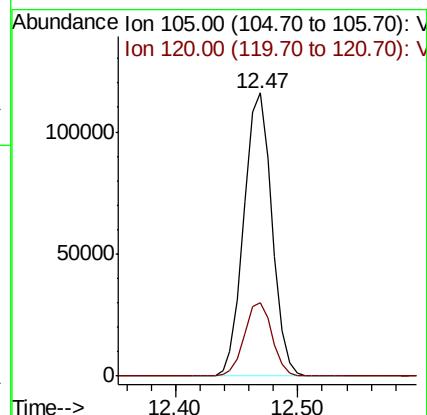
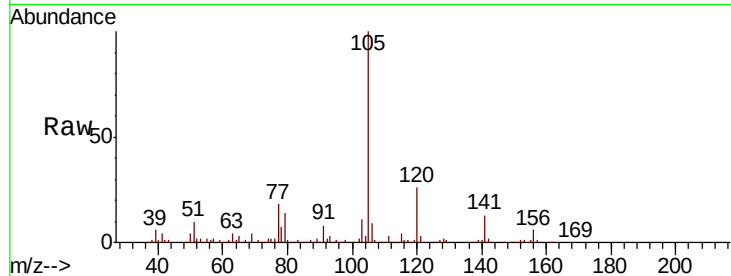
120 25.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 80.913 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion: 43 Resp: 47125

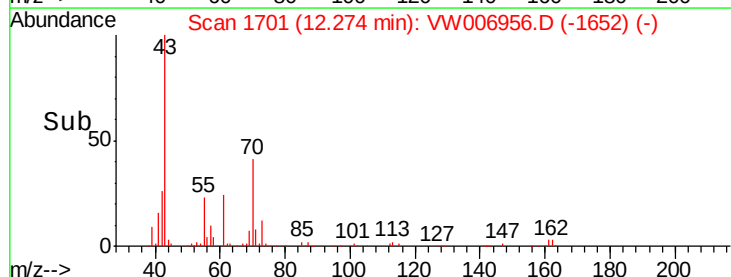
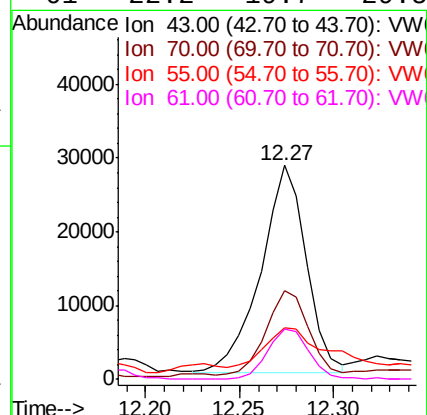
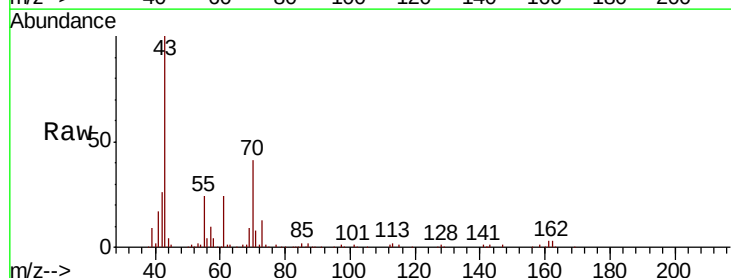
Ion Ratio Lower Upper

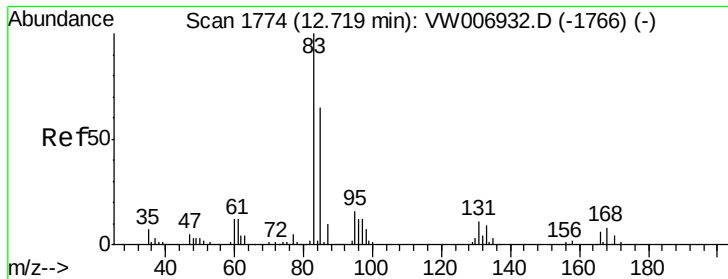
43 100

70 38.2 34.2 51.4

55 26.9 19.5 29.3

61 22.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 77.981 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

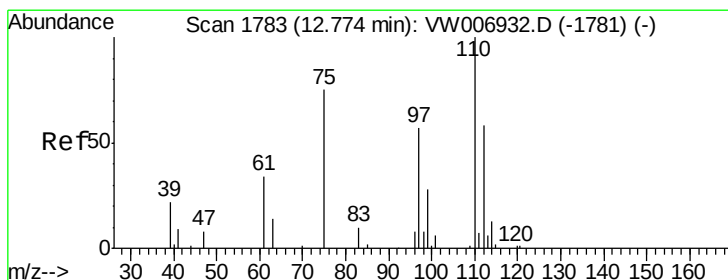
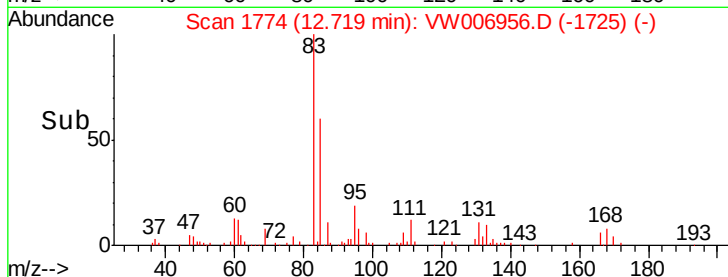
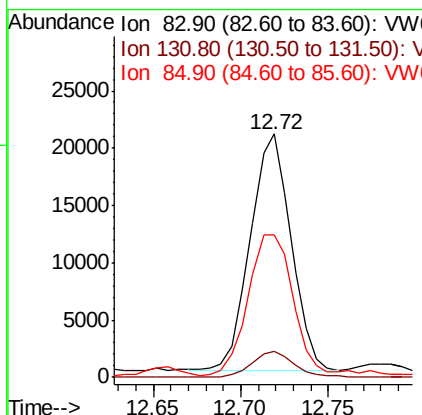
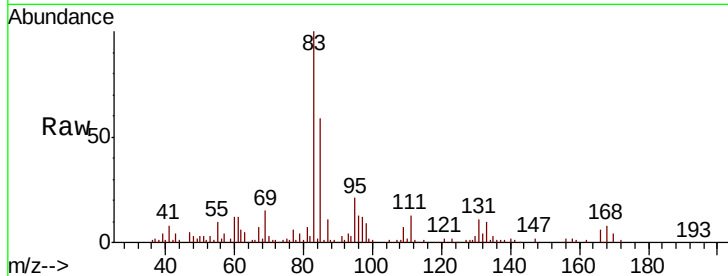
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	83	Resp:	33381
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.6	16.8
85	65.4	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 87.914 ug/l m

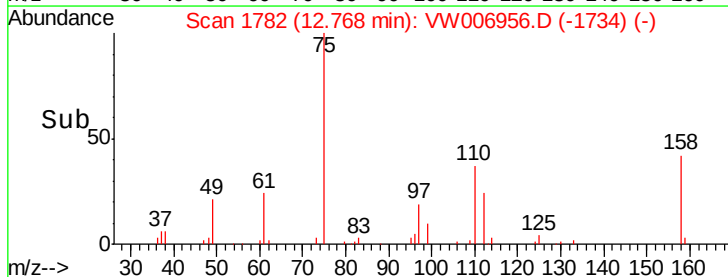
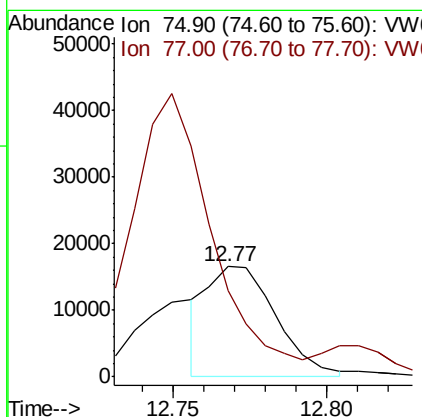
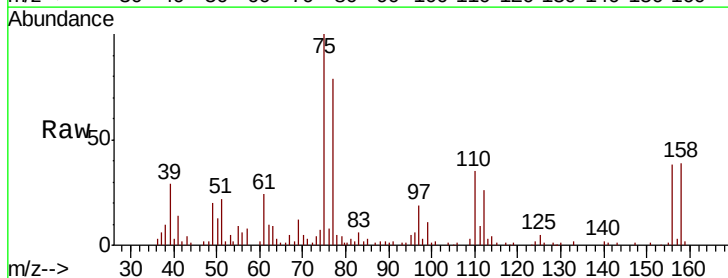
RT: 12.77 min Scan# 1782

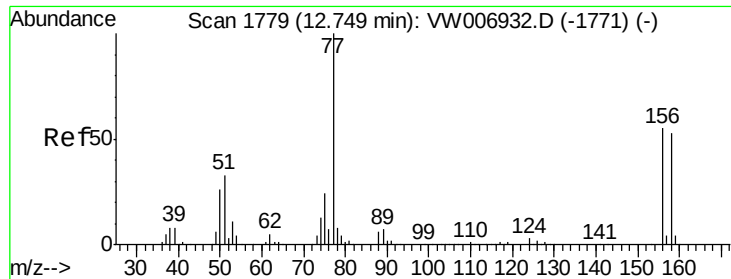
Delta R.T. -0.01 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion:	75	Resp:	25961
Ion Ratio	Lower	Upper	
75	100		
77	300.8	0.0	0.0#





#77

Bromobenzene

Concen: 65.111 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

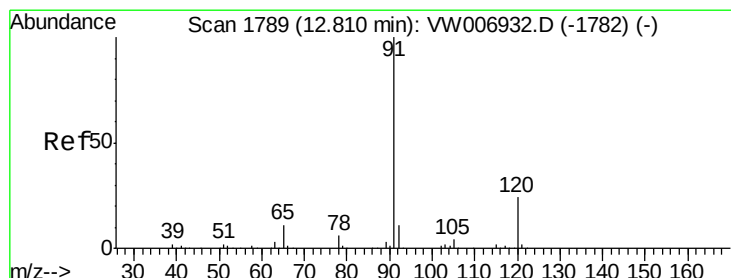
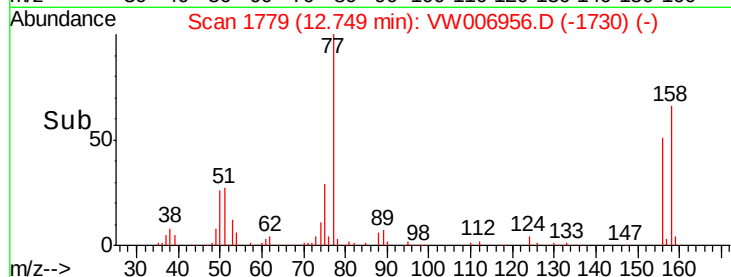
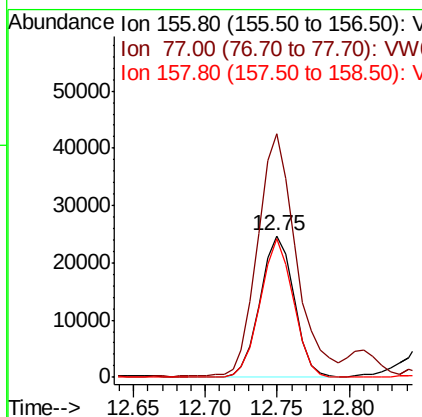
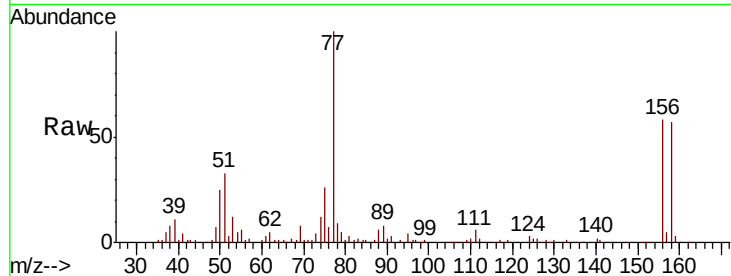
ClientSampleId :

DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	194.5	97.8	293.3
158	96.2	47.9	143.7

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#78

n-propylbenzene

Concen: 53.298 ug/l

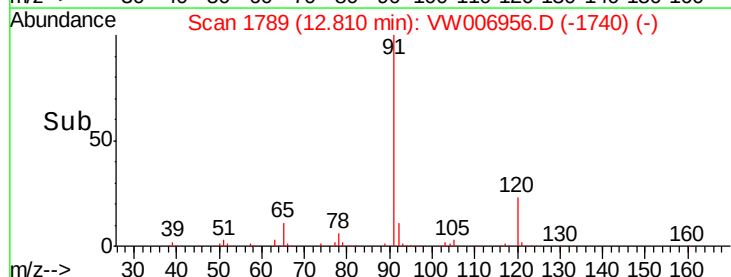
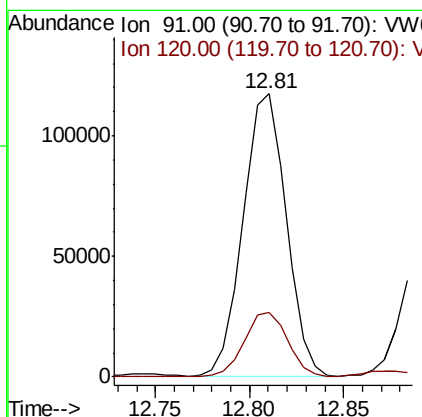
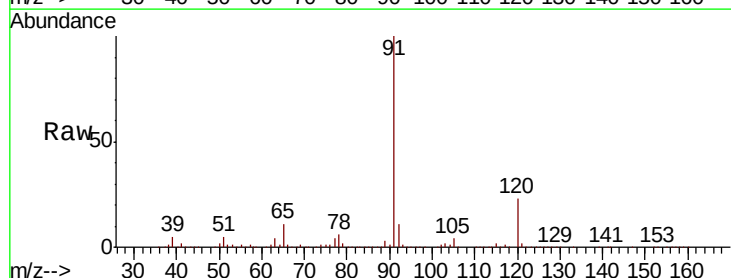
RT: 12.81 min Scan# 1789

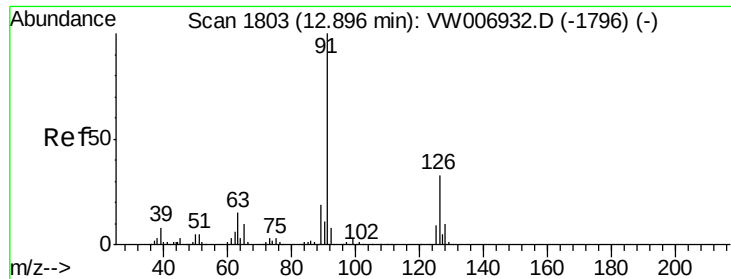
Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 59.053 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion: 91 Resp: 121017

Ion Ratio Lower Upper

91 100

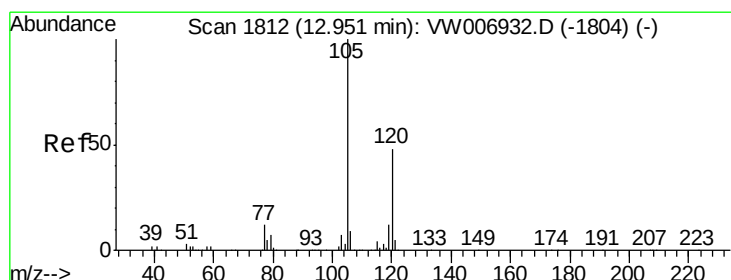
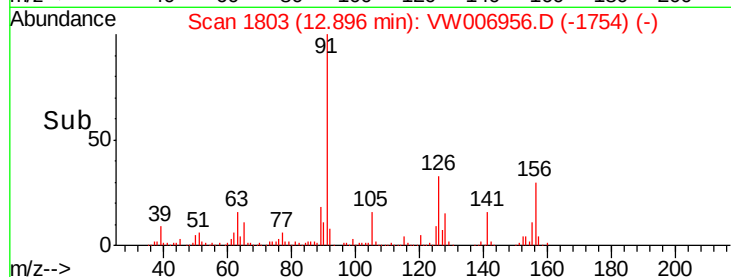
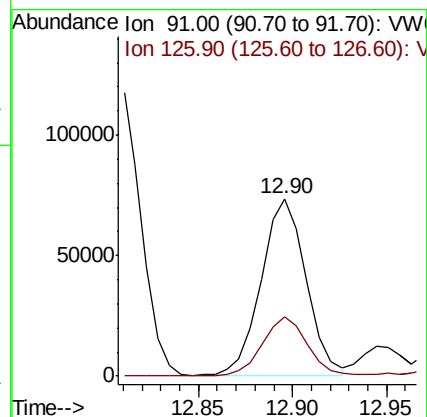
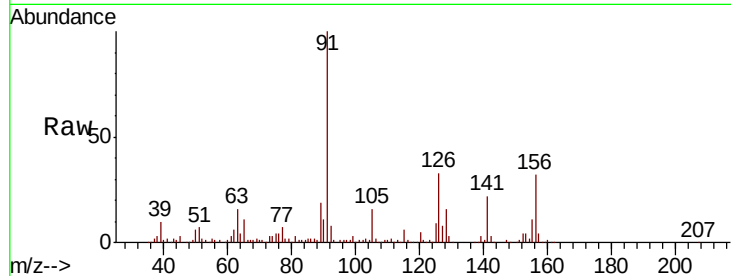
126 34.2 16.6 49.7

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#80

1,3,5-Trimethylbenzene

Concen: 66.679 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006956.D

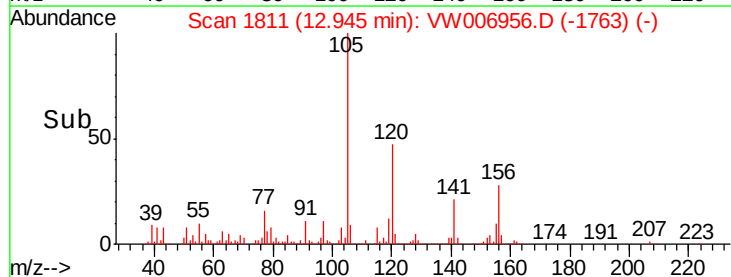
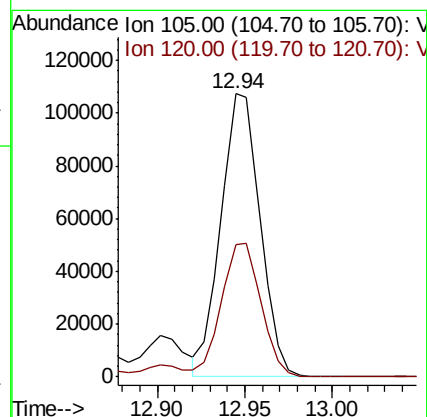
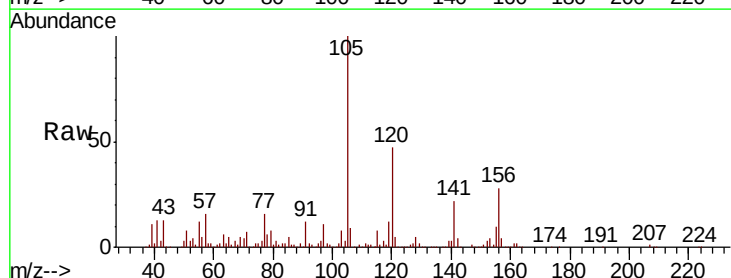
Acq: 19 Nov 2018 21:25

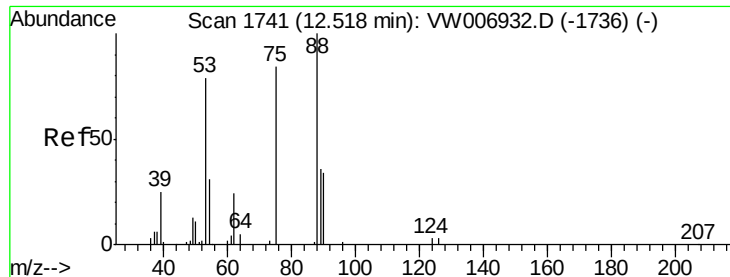
Tgt Ion:105 Resp: 167085

Ion Ratio Lower Upper

105 100

120 48.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 68.908 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

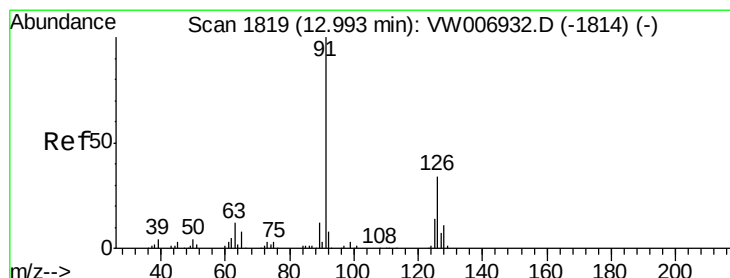
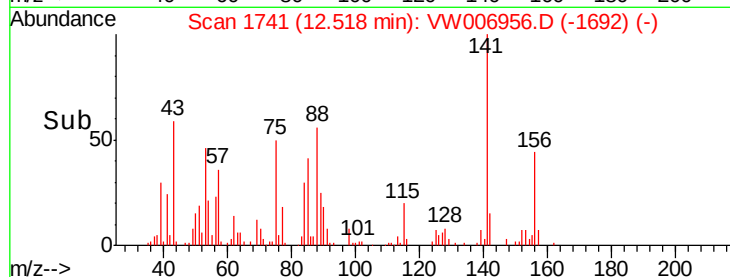
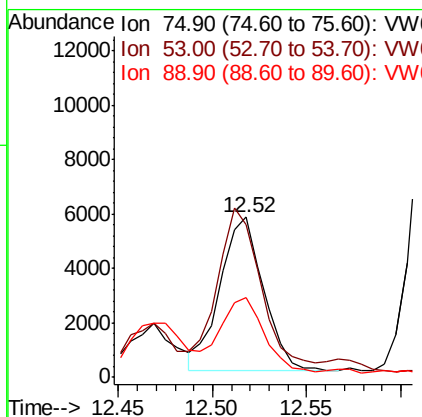
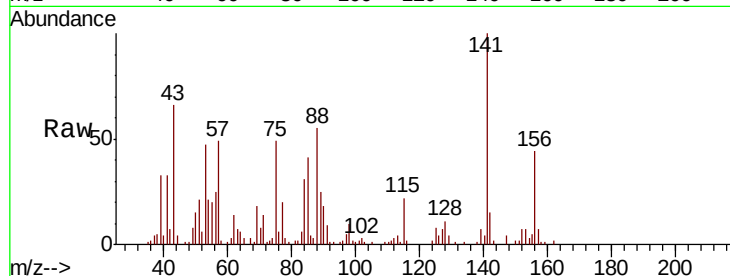
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	75	Resp:	8939
Ion	Ratio	Lower	Upper
75	100		
53	98.7	79.3	118.9
89	48.1	39.5	59.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.564 ug/l

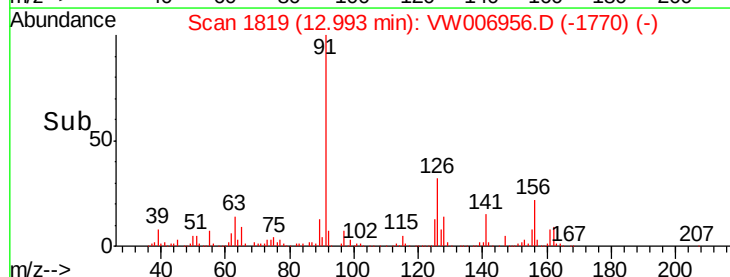
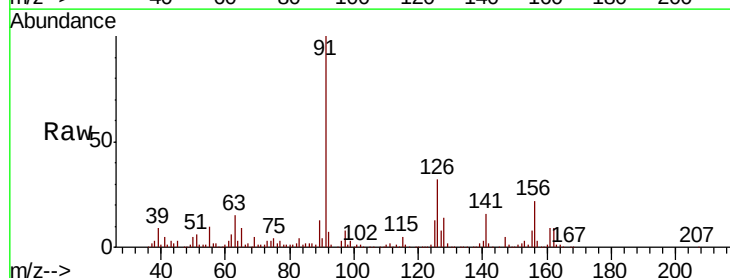
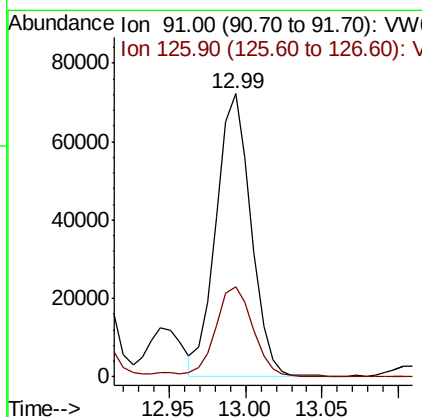
RT: 12.99 min Scan# 1819

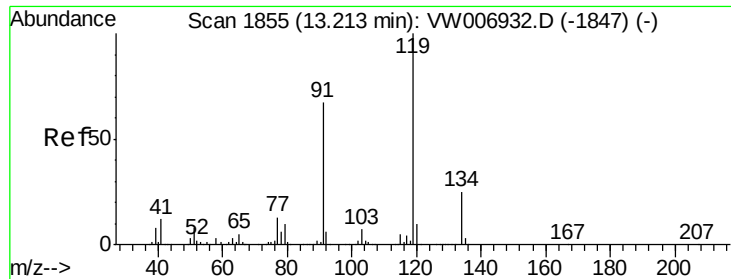
Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Tgt Ion:	91	Resp:	113570
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.2	48.6





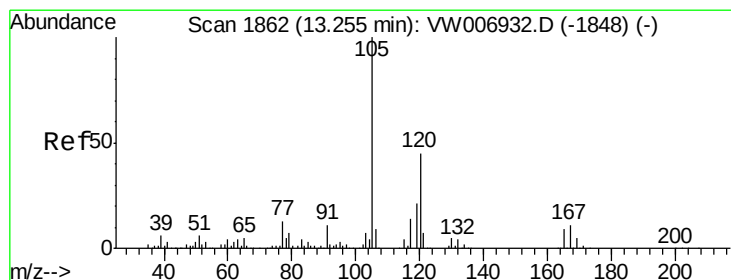
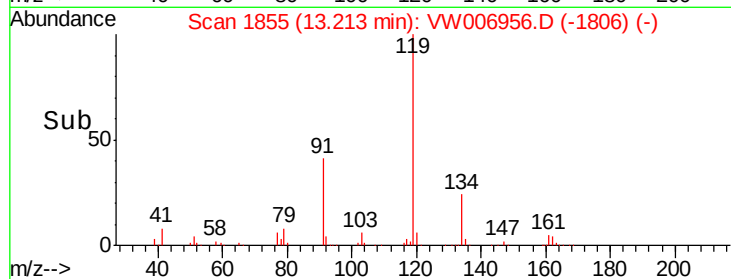
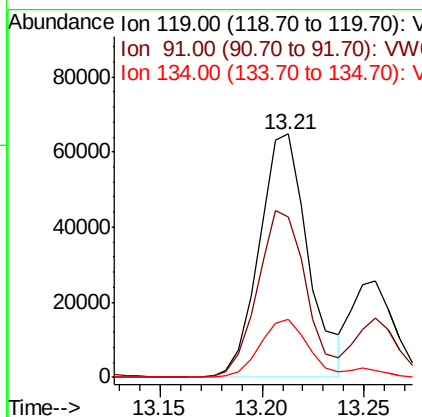
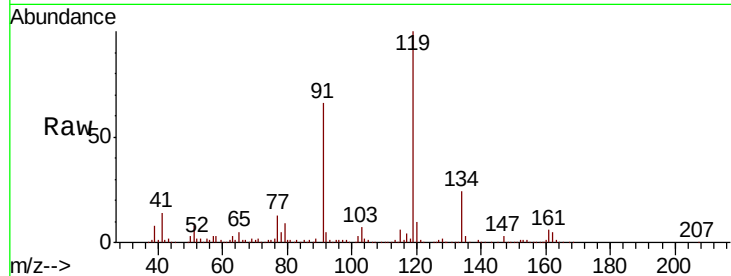
#83
 tert-Butylbenzene
 Concen: 50.795 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	108089		
91	68.0		33.8	101.4
134	23.6		12.6	37.8

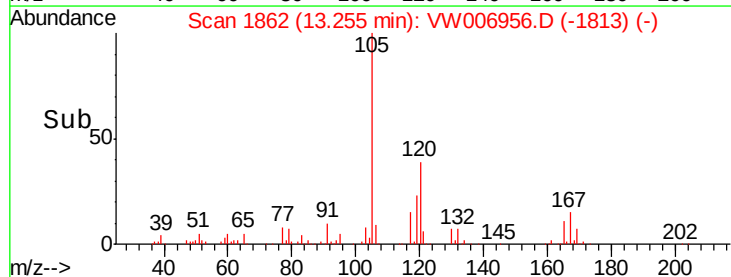
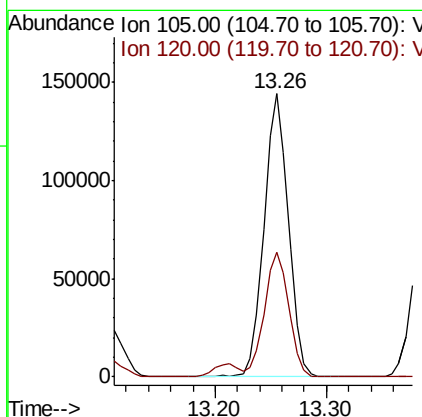
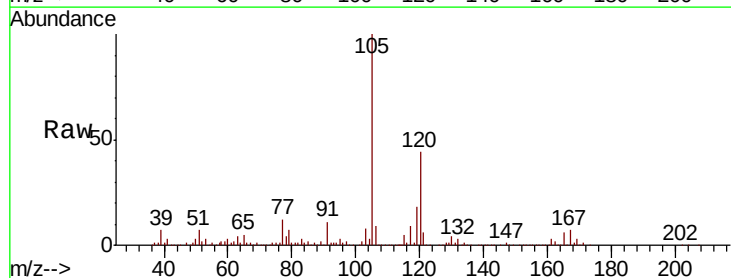
Manual Integrations
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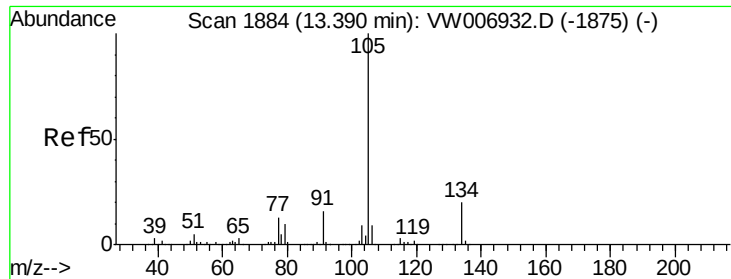
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#84
 1,2,4-Trimethylbenzene
 Concen: 87.437 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220110		
120	44.4		21.9	65.8





#85

sec-Butylbenzene

Concen: 39.517 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:105 Resp: 119987

Ion Ratio Lower Upper

105 100

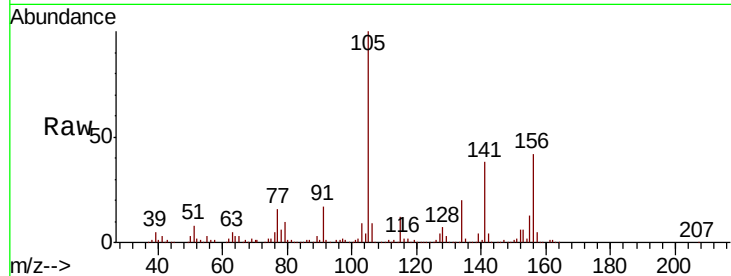
134 20.8 9.8 29.4

Manual Integrations

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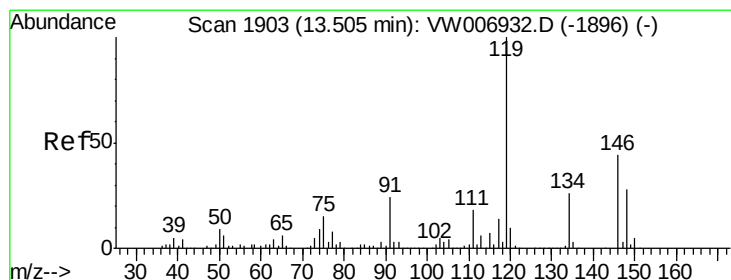
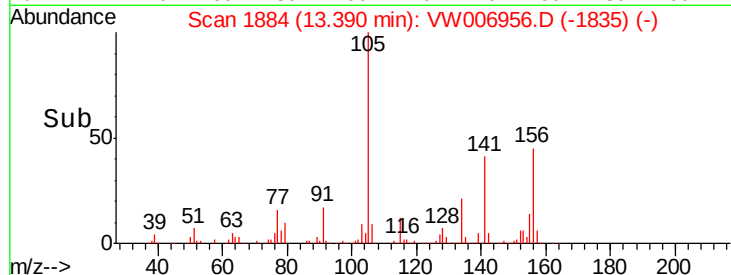
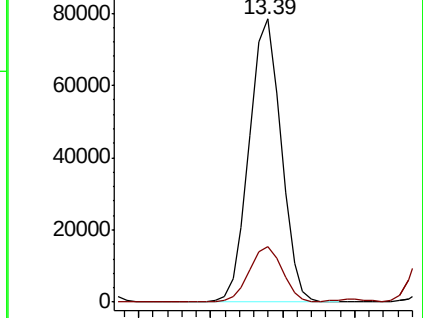
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.368 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006956.D

Acq: 19 Nov 2018 21:25

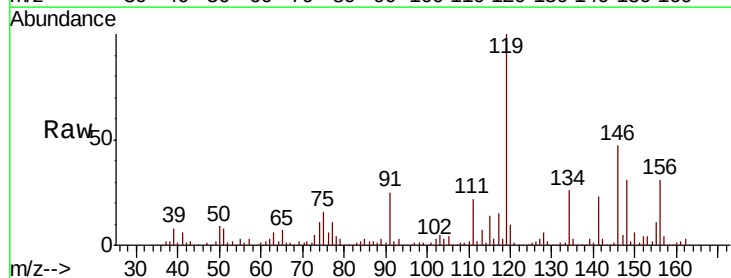
Tgt Ion:119 Resp: 117739

Ion Ratio Lower Upper

119 100

134 26.5 12.7 38.1

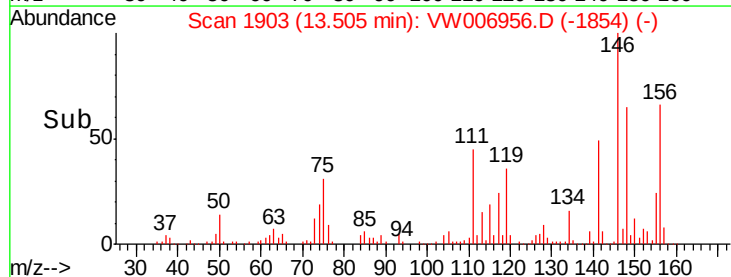
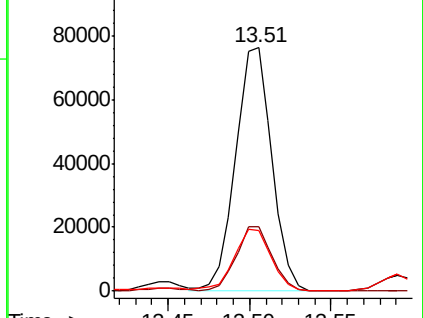
91 25.8 12.4 37.2

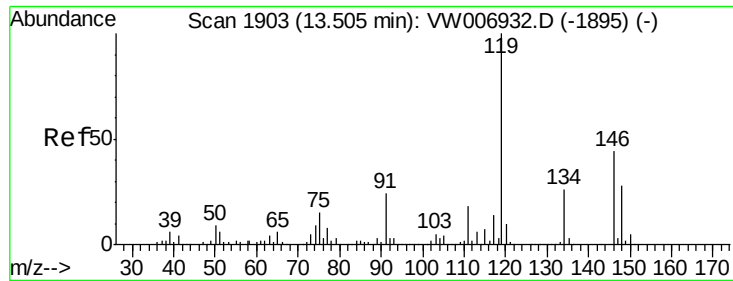


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





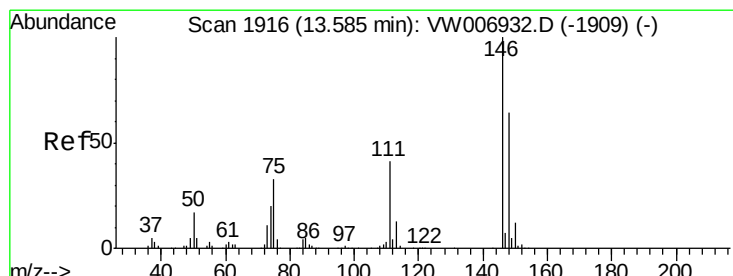
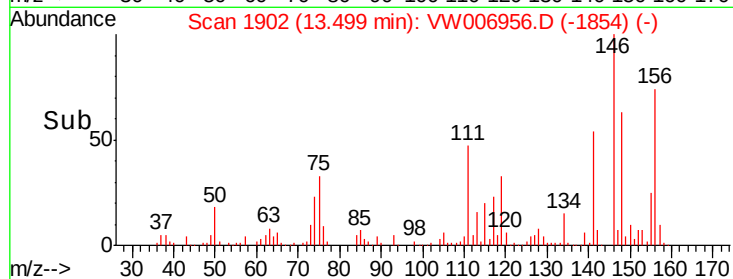
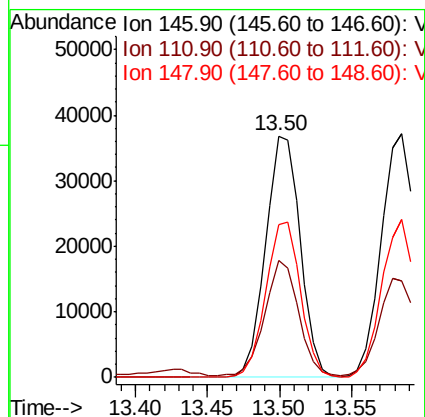
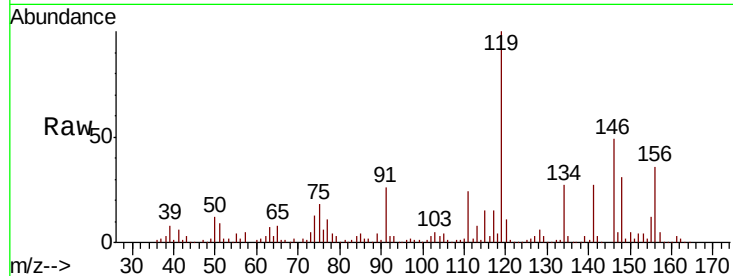
#87
 1,3-Dichlorobenzene
 Concen: 48.598 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.1	21.3	63.9
148	64.6	31.9	95.9

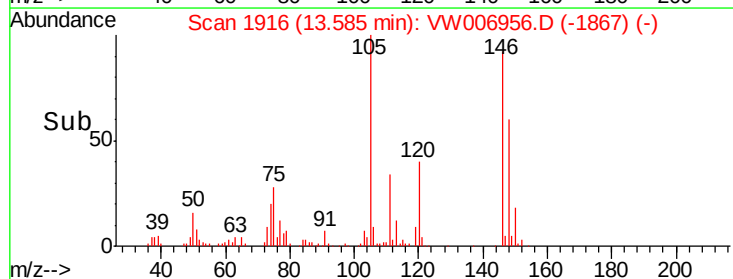
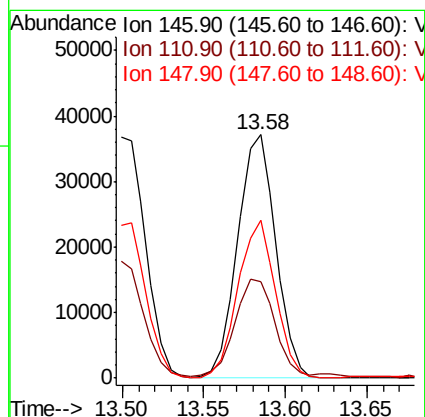
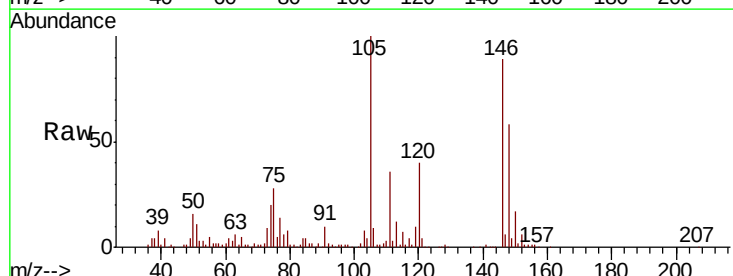
Manual Integrations
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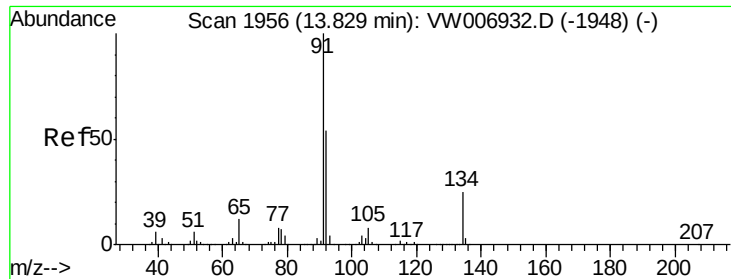
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#88
 1,4-Dichlorobenzene
 Concen: 48.251 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.7	62.1
148	63.0	31.9	95.9





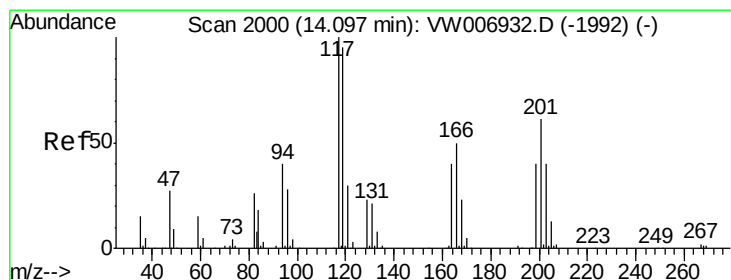
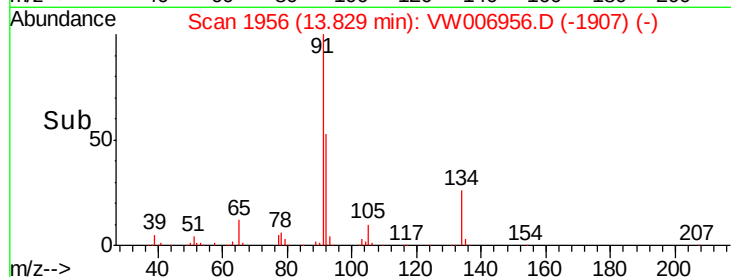
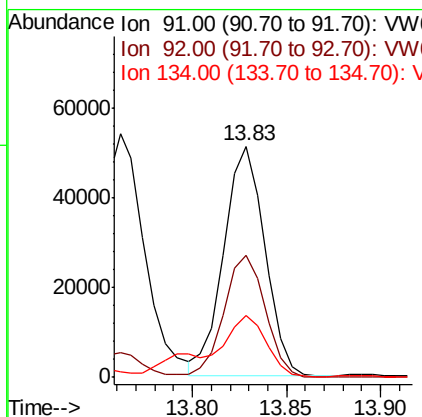
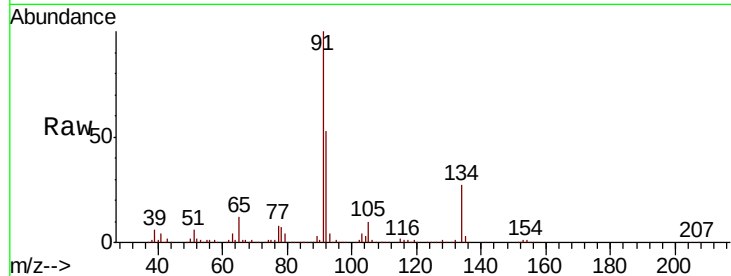
#89
n-Butylbenzene
Concen: 30.767 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	37.9	12.9	38.6

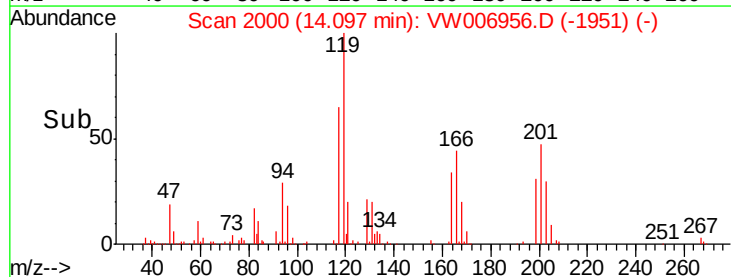
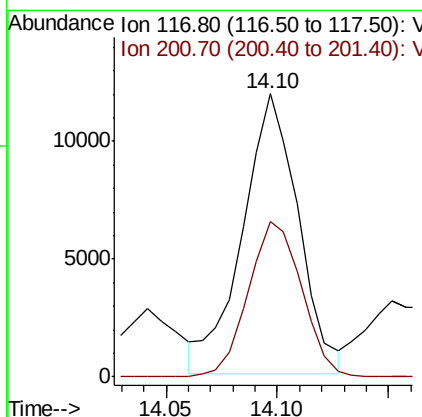
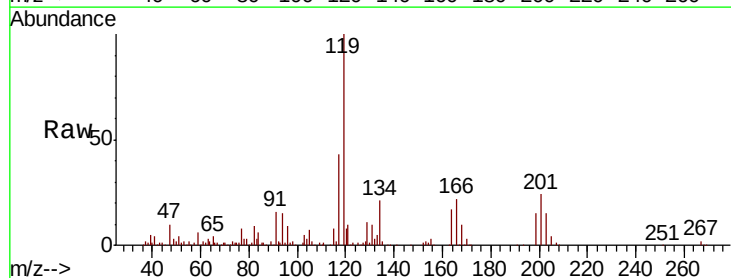
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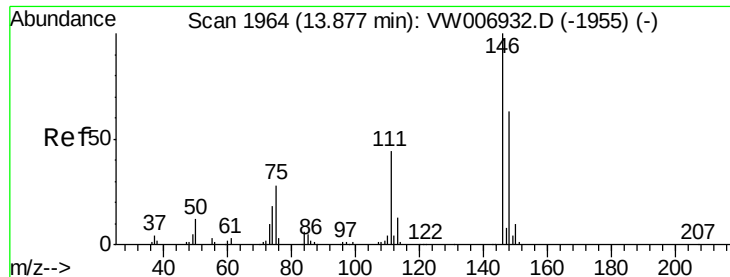
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#90
Hexachloroethane
Concen: 47.925 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	52.9	33.8	101.4





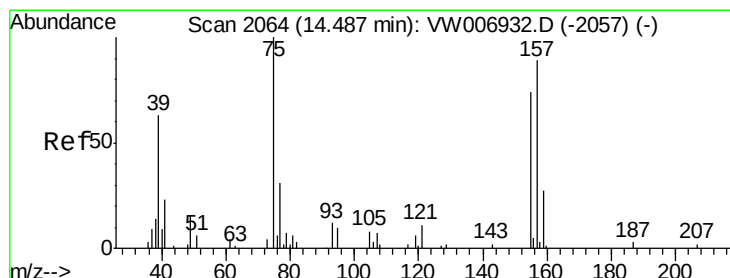
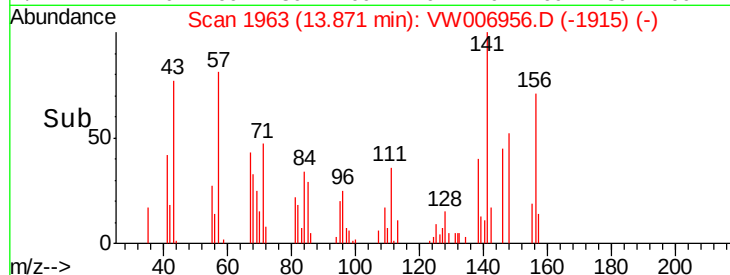
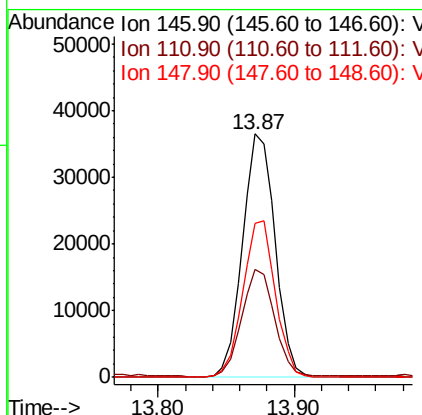
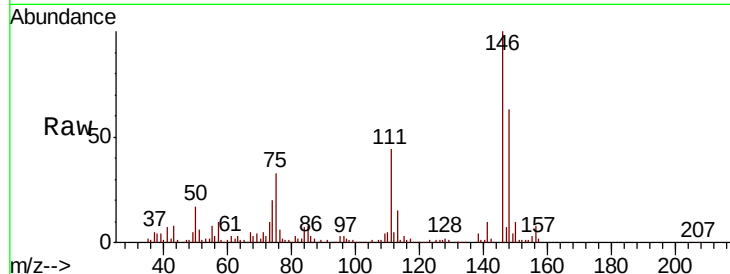
#91
 1,2-Dichlorobenzene
 Concen: 54.193 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.6	67.7
148	64.0	31.7	95.1

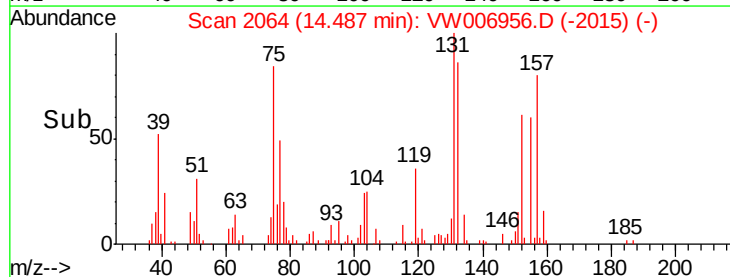
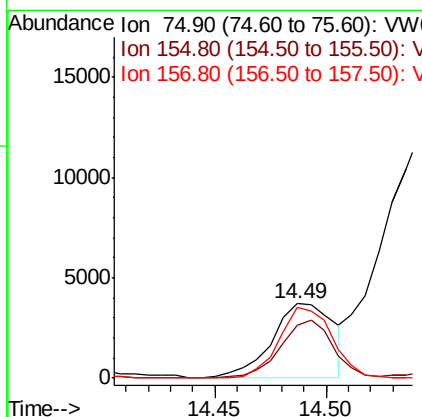
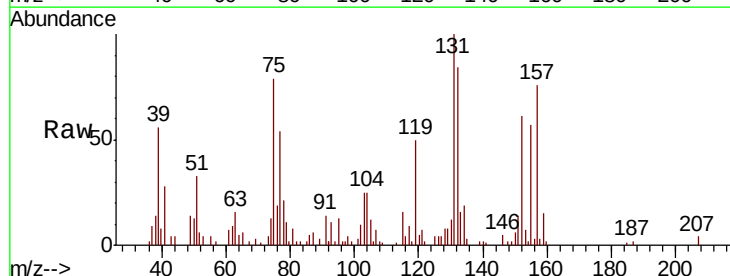
Manual Integrations
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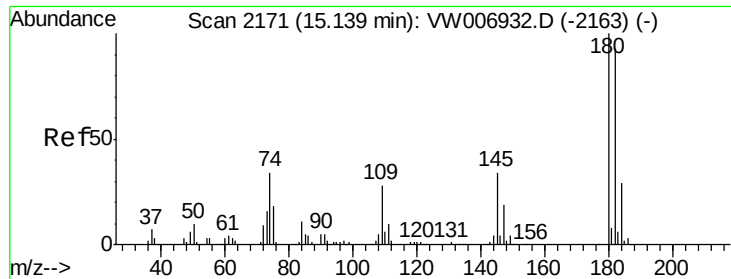
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.049 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW006956.D
 Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.4	38.6	115.7
157	82.0	49.7	149.1





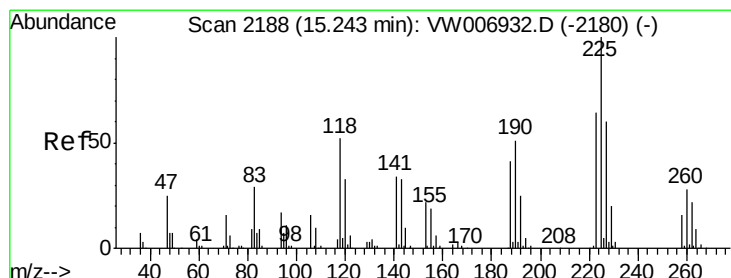
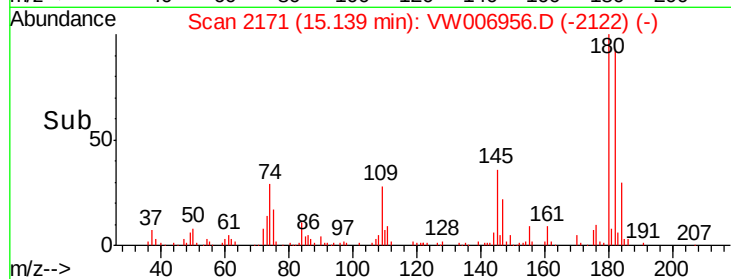
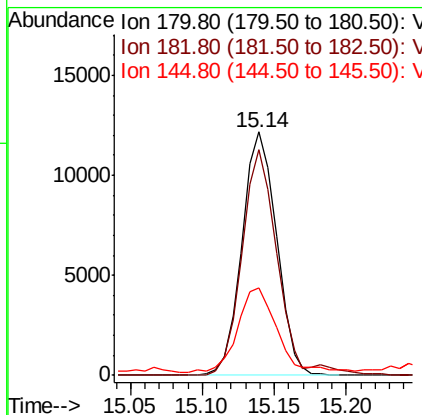
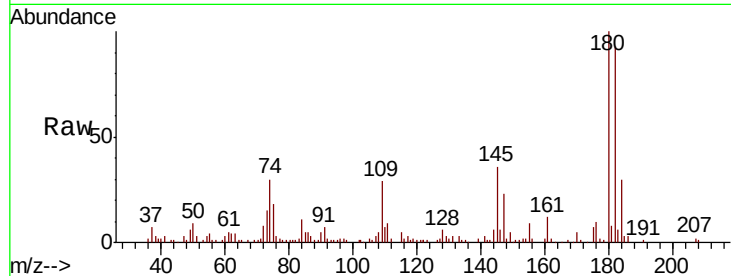
#93
1,2,4-Trichlorobenzene
Concen: 28.526 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.3	141.9
145	39.6	16.8	50.4

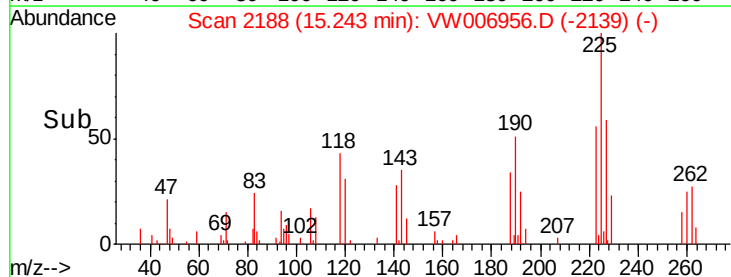
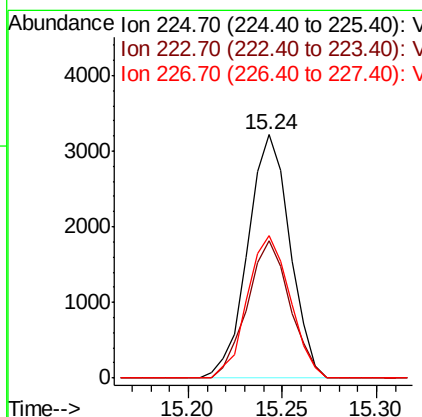
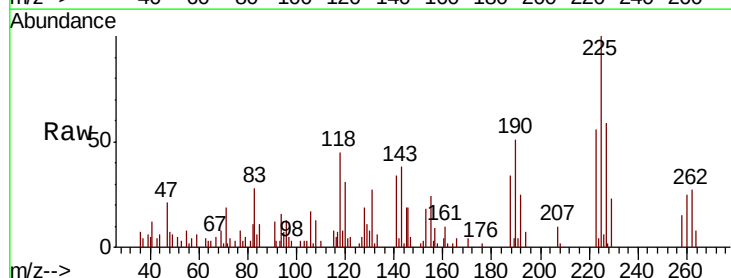
Manual Integrations
APPROVED

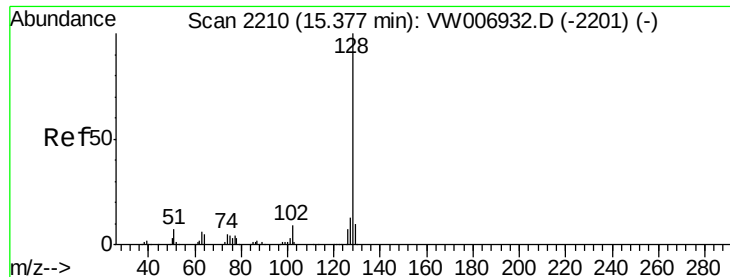
apatel
11/20/2018 4:50:05 PM



#94
Hexachlorobutadiene
Concen: 13.265 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.2	32.1	96.3
227	59.6	31.6	95.0





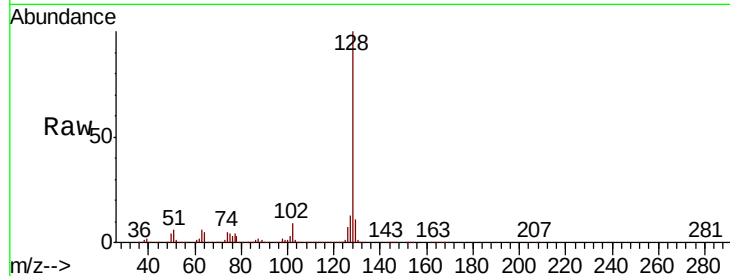
#95
Naphthalene
Concen: 1969.951 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.5	12.7

Manual Integrations
APPROVED

apatel
11/20/2018 4:50:05 PM

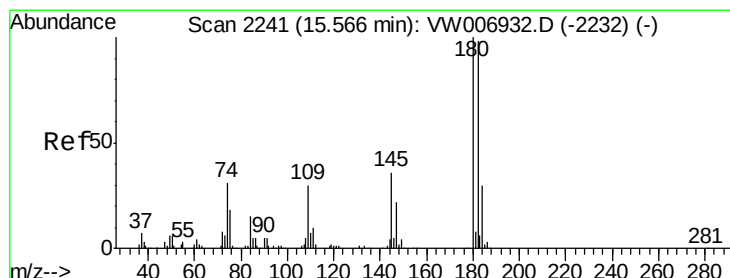
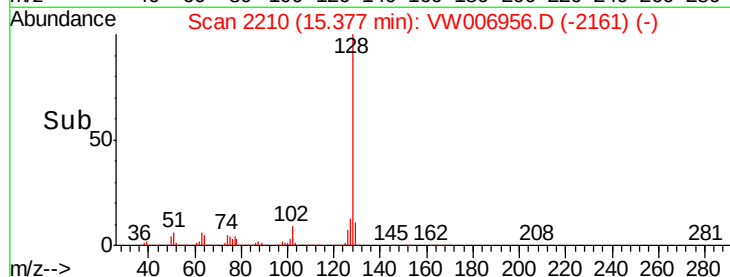
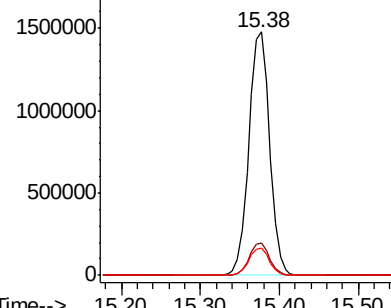


Abundance

Ion 128.00 (127.70 to 128.70): V

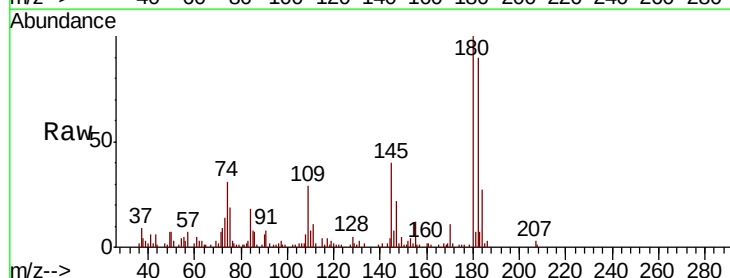
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 28.888 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW006956.D
Acq: 19 Nov 2018 21:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.2
145	44.1	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

