

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005834.D
 Acq On : 04 Oct 2018 03:37
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 10/4/2018 2:47:00 PM

Quant Time: Oct 04 06:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	21457	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	
35) Dibromofluoromethane	7.89	113	18313	10.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.60%	
50) Toluene-d8	10.33	98	70516	9.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.60%	
62) 4-Bromofluorobenzene	12.62	95	26464	9.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.82%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9566	7.985	ug/l 99
3) Chloromethane	2.21	50	12287	8.676	ug/l 100
4) Vinyl Chloride	2.37	62	18477	10.598	ug/l 90
5) Bromomethane	2.78	94	12707	10.740	ug/l 92
6) Chloroethane	2.93	64	10958	9.809	ug/l 91
7) Trichlorofluoromethane	3.26	101	11904	8.879	ug/l 94
8) Diethyl Ether	3.68	74	9276	10.287	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17746	10.338	ug/l 97
10) Methyl Iodide	4.26	142	27448	10.275	ug/l 99
11) Tert butyl alcohol	5.20	59	6778m	55.132	ug/l
12) 1,1-Dichloroethene	4.04	96	17233	10.416	ug/l 86
13) Acrolein	3.90	56	7199	75.518	ug/l 98
14) Allyl chloride	4.67	41	26225	9.204	ug/l 98
15) Acrylonitrile	5.38	53	19006	47.600	ug/l 98
16) Acetone	4.14	43	18994	49.978	ug/l 97
17) Carbon Disulfide	4.38	76	50383	9.665	ug/l 100
18) Methyl Acetate	4.68	43	9581	9.356	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	24602	9.522	ug/l 96
20) Methylene Chloride	4.92	84	31174	14.504	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	17752	9.798	ug/l 95
22) Diisopropyl ether	6.31	45	50337	9.069	ug/l 91
23) Vinyl Acetate	6.26	43	135141	42.374	ug/l 99
24) 1,1-Dichloroethane	6.22	63	35127	10.192	ug/l 99
25) 2-Butanone	7.18	43	24598	47.167	ug/l 90
26) 2,2-Dichloropropane	7.17	77	23473	9.949	ug/l 96
27) cis-1,2-Dichloroethene	7.17	96	20654	10.359	ug/l 99
28) Bromochloromethane	7.52	49	12713	9.487	ug/l 97
29) Tetrahydrofuran	7.54	42	14635	44.825	ug/l 99
30) Chloroform	7.68	83	37983	10.627	ug/l 98
31) Cyclohexane	7.96	56	29514	9.027	ug/l # 85
32) 1,1,1-Trichloroethane	7.87	97	32088	10.217	ug/l 99
36) 1,1-Dichloropropene	8.09	75	26292	9.244	ug/l 98
37) Ethyl Acetate	7.26	43	10599	8.793	ug/l 98
38) Carbon Tetrachloride	8.07	117	30530	10.005	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28651	8.567	ug/l	98
40) Benzene	8.33	78	78631	9.723	ug/l	93
41) Methacrylonitrile	7.49	41	6460	9.265	ug/l	98
42) 1,2-Dichloroethane	8.41	62	26655	10.174	ug/l	99
43) Isopropyl Acetate	8.43	43	20008	8.396	ug/l	97
44) Trichloroethene	9.09	130	21090	10.154	ug/l	98
45) 1,2-Dichloropropane	9.37	63	19032	9.662	ug/l	94
46) Dibromomethane	9.46	93	10072	10.026	ug/l	100
47) Bromodichloromethane	9.65	83	27825	10.393	ug/l	100
48) Methyl methacrylate	9.44	41	9439	8.329	ug/l	95
49) 1,4-Dioxane	9.47	88	3165	197.379	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	53108	44.100	ug/l	98
52) Toluene	10.39	92	48753	9.640	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	24505	9.138	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	28326	9.439	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14363	10.048	ug/l	95
56) Ethyl methacrylate	10.65	69	15389	8.727	ug/l	98
57) 1,3-Dichloropropane	10.94	76	24942	9.896	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	33175	42.337	ug/l	98
59) 2-Hexanone	10.98	43	33878	41.509	ug/l	98
60) Dibromochloromethane	11.13	129	18035	10.359	ug/l	96
61) 1,2-Dibromoethane	11.24	107	13120	9.823	ug/l	98
64) Tetrachloroethene	10.87	164	20629	10.602	ug/l	99
65) Chlorobenzene	11.66	112	57611	10.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	21125	10.138	ug/l	98
67) Ethyl Benzene	11.74	91	93047	9.143	ug/l	99
68) m/p-Xylenes	11.85	106	72410	18.768	ug/l	100
69) o-Xylene	12.17	106	33299	9.224	ug/l	99
70) Styrene	12.19	104	56790	9.349	ug/l	99
71) Bromoform	12.35	173	11546	10.325	ug/l #	97
73) Isopropylbenzene	12.47	105	92444	8.866	ug/l	100
74) N-amyl acetate	12.28	43	18435	7.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16038	9.142	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	12055m	9.258	ug/l	
77) Bromobenzene	12.75	156	23888	9.672	ug/l	98
78) n-propylbenzene	12.81	91	111382	8.847	ug/l	99
79) 2-Chlorotoluene	12.90	91	68660	9.384	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	82071	9.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4906	8.578	ug/l	95
82) 4-Chlorotoluene	12.99	91	75259	9.751	ug/l	99
83) tert-Butylbenzene	13.21	119	67618	8.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86127	9.388	ug/l	99
85) sec-Butylbenzene	13.39	105	100104	9.085	ug/l	100
86) p-Isopropyltoluene	13.51	119	89483	9.033	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	49430	9.812	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	50989	10.190	ug/l	97
89) n-Butylbenzene	13.83	91	82642	8.897	ug/l	98
90) Hexachloroethane	14.10	117	17752	9.881	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	45430	10.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3136	9.283	ug/l	93

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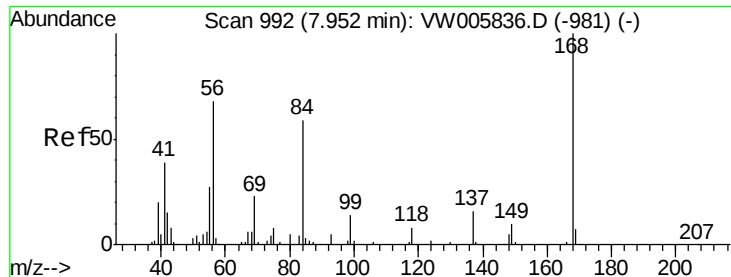
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30299	9.561	ug/l	99
94) Hexachlorobutadiene	15.24	225	20047	9.817	ug/l	98
95) Naphthalene	15.38	128	45581	8.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	26730	9.519	ug/l	98

(#) = 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. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 179222

Ion Ratio Lower Upper

168 100

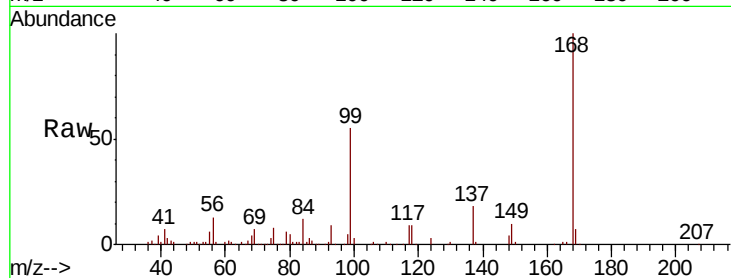
99 55.1 45.4 68.2

Manual Integrations

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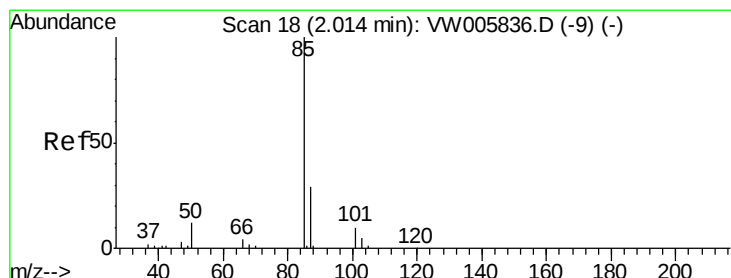
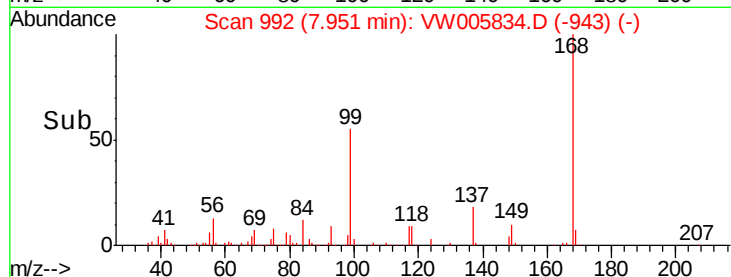
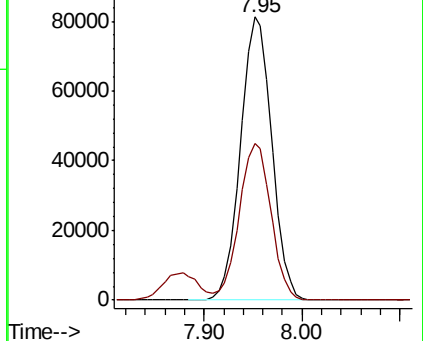
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 7.985 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005834.D

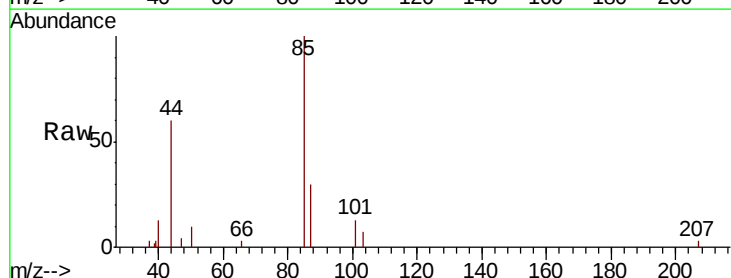
Acq: 04 Oct 2018 03:37

Tgt Ion: 85 Resp: 9566

Ion Ratio Lower Upper

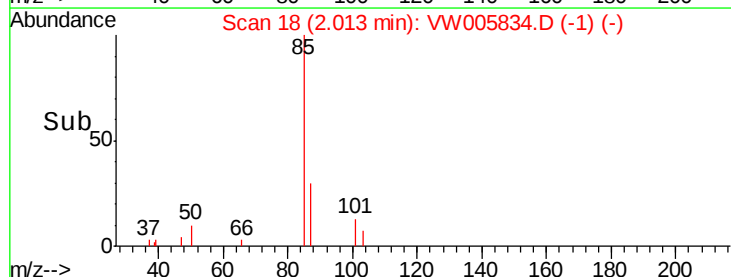
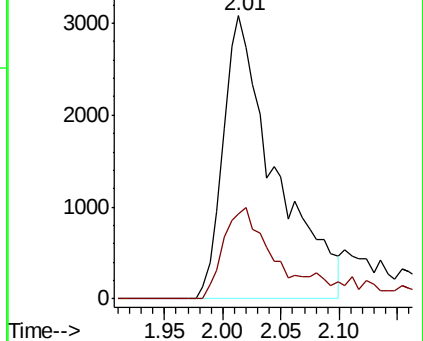
85 100

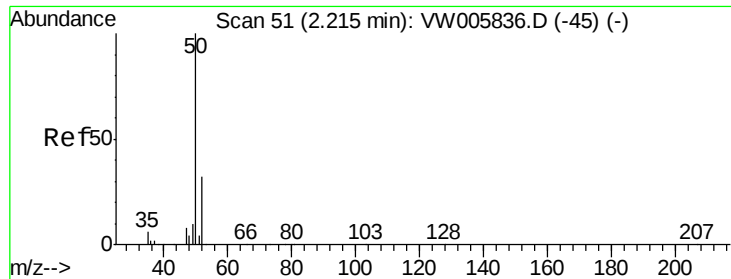
87 30.0 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 8.676 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 12287

Ion Ratio Lower Upper

50 100

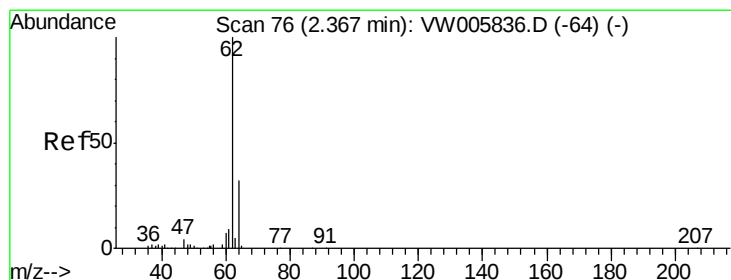
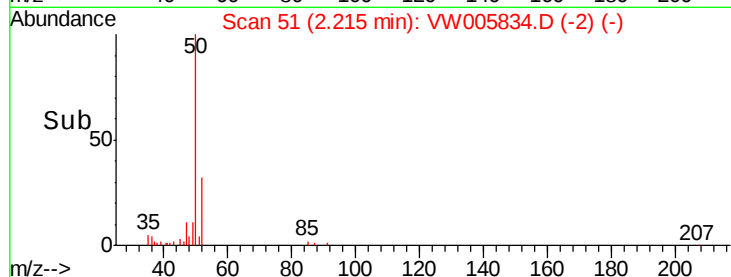
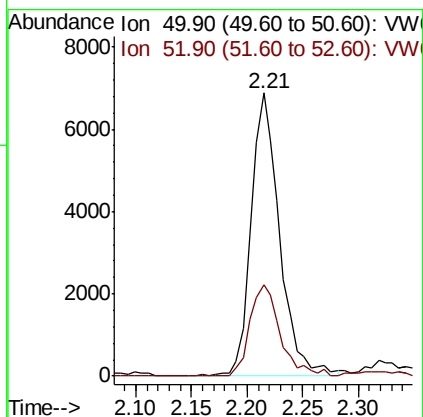
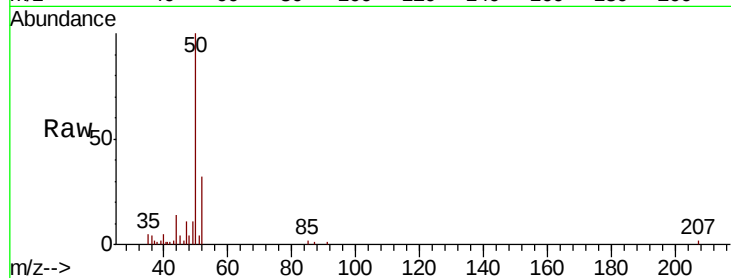
52 32.4 26.0 39.0

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#4

Vinyl Chloride

Concen: 10.598 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005834.D

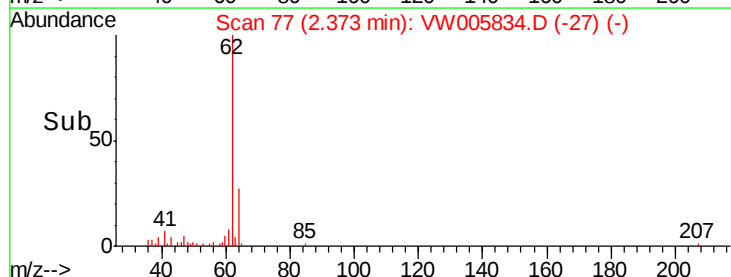
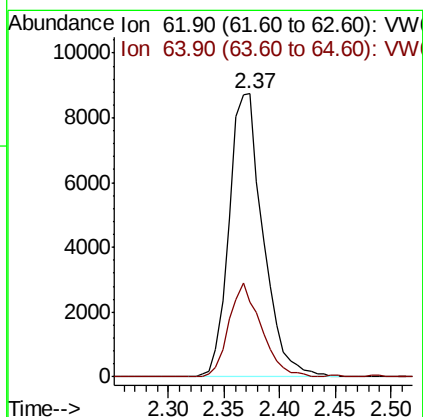
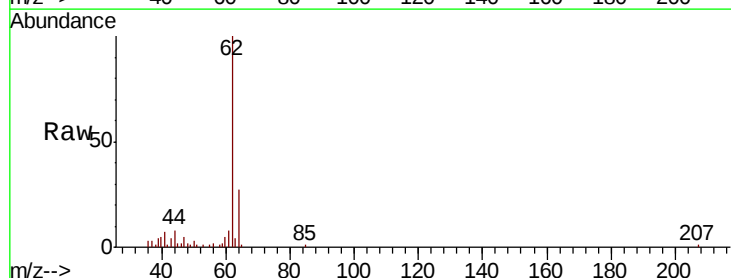
Acq: 04 Oct 2018 03:37

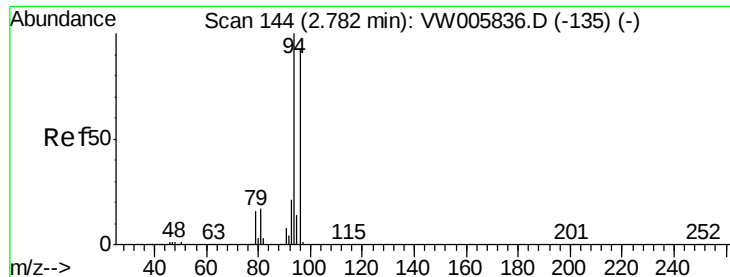
Tgt Ion: 62 Resp: 18477

Ion Ratio Lower Upper

62 100

64 26.6 25.7 38.5





#5

Bromomethane

Concen: 10.740 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 12707

Ion Ratio Lower Upper

94 100

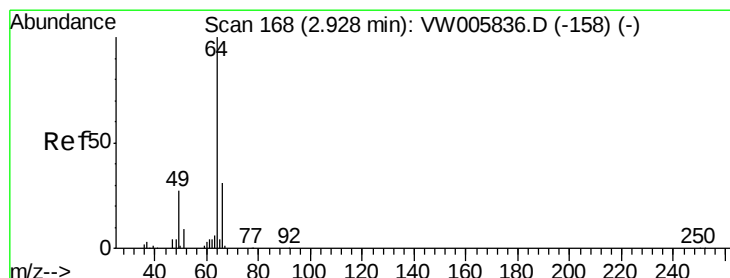
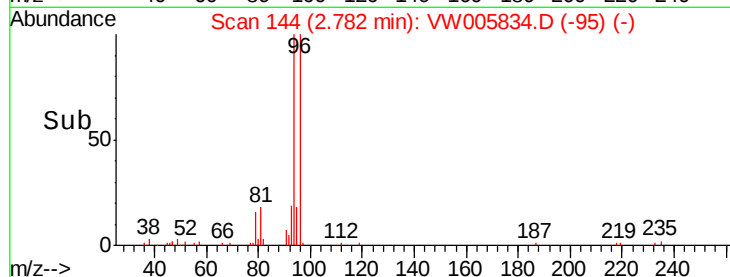
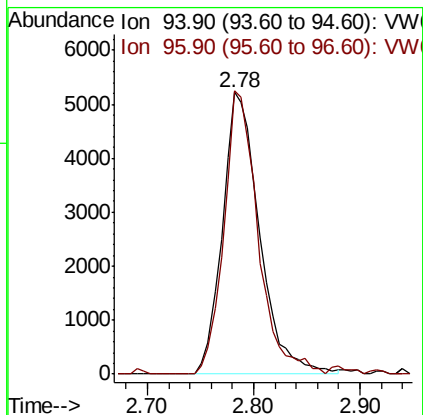
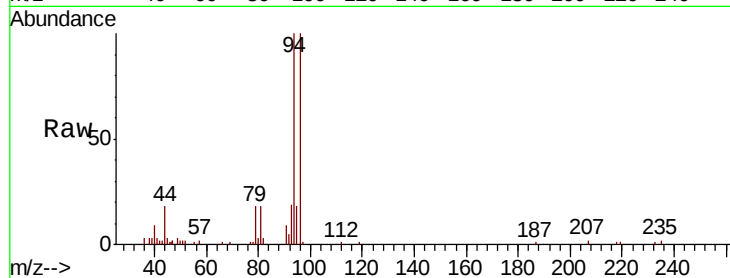
96 100.4 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 9.809 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW005834.D

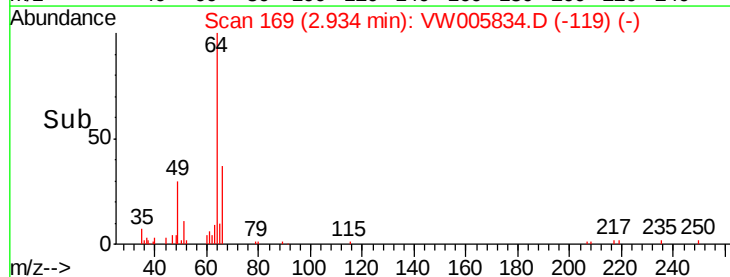
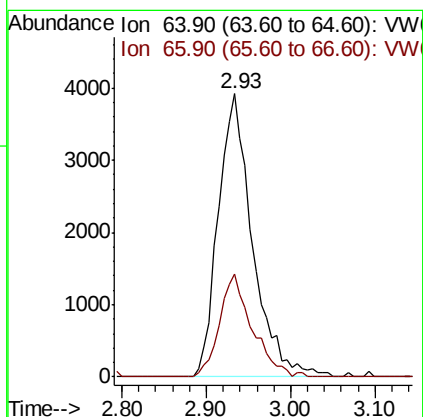
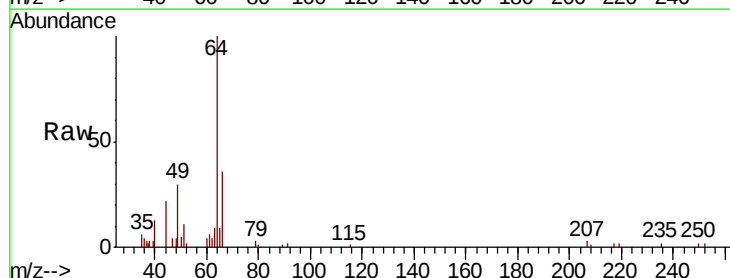
Acq: 04 Oct 2018 03:37

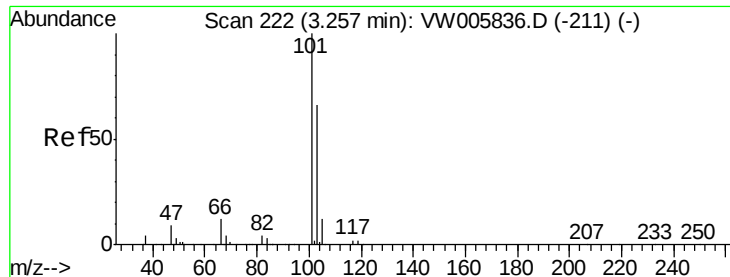
Tgt Ion: 64 Resp: 10958

Ion Ratio Lower Upper

64 100

66 36.1 25.0 37.6





#7

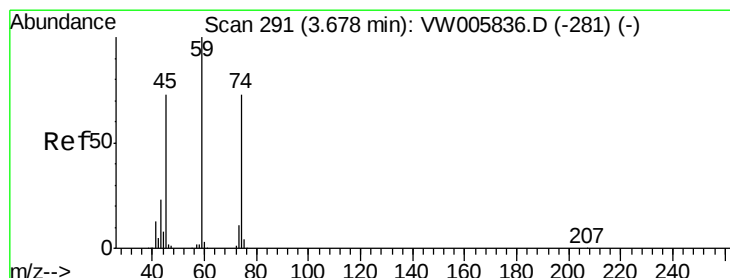
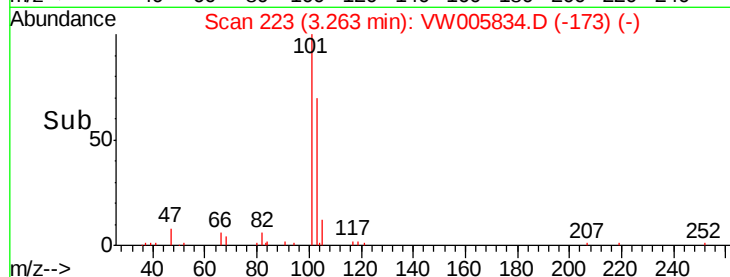
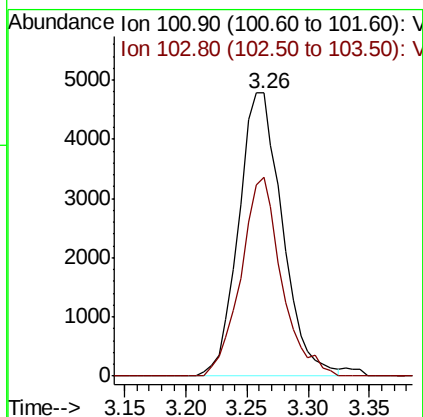
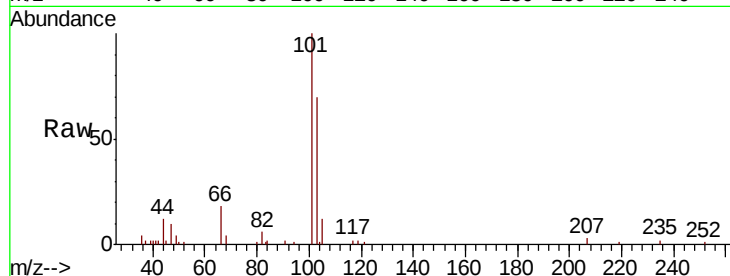
Trichlorofluoromethane
Concen: 8.879 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	70.1	52.5	78.7

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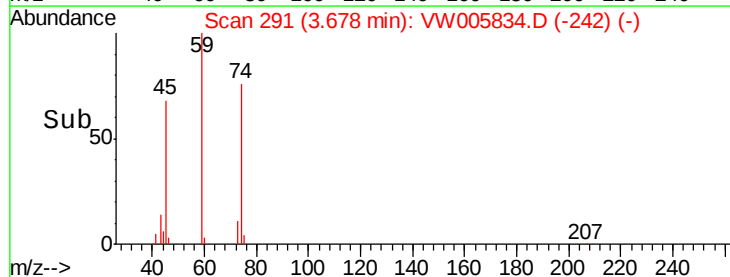
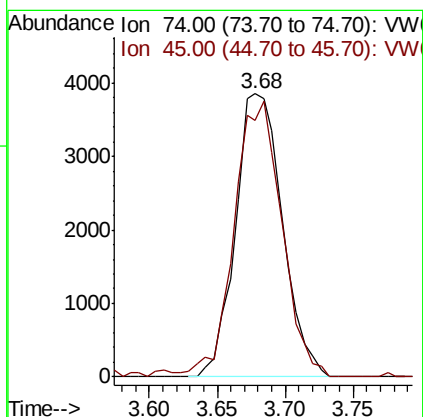
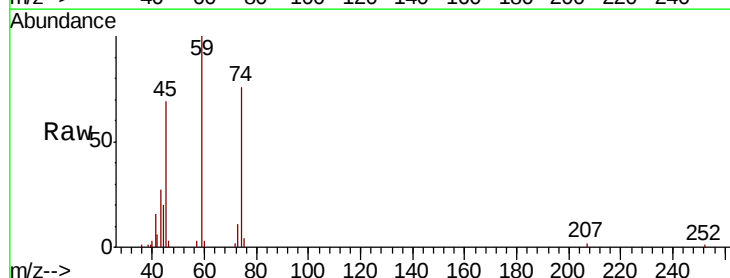
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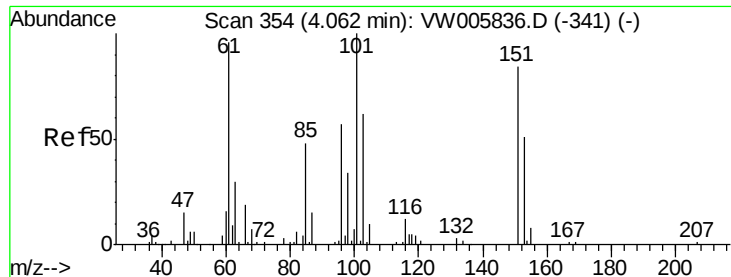


#8

Diethyl Ether
Concen: 10.287 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.338 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

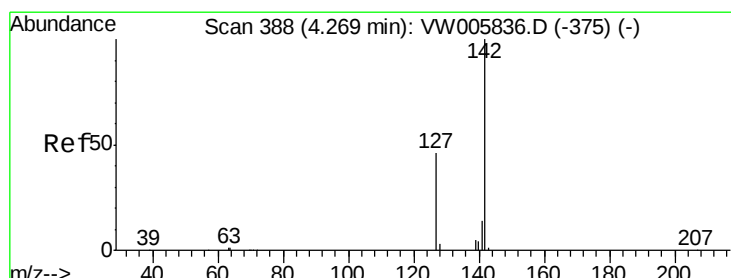
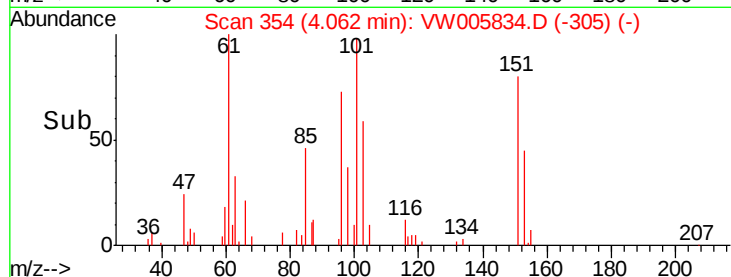
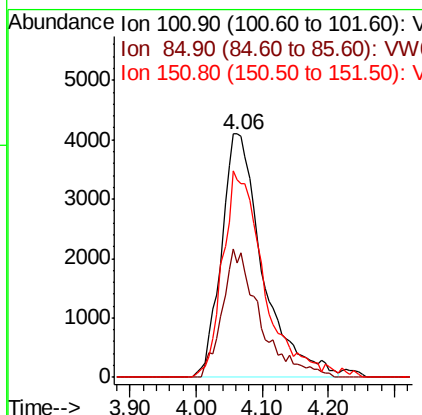
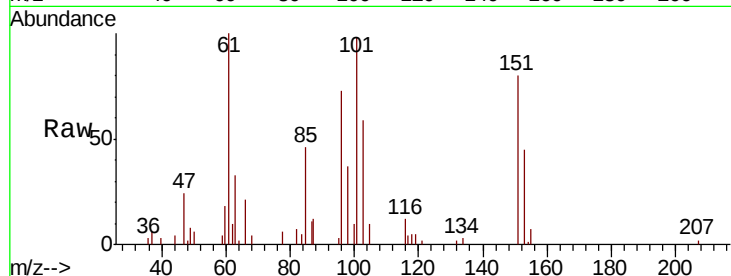
ClientSampled :

VSTDIC010

Tot Ion:	101	Resp:	17746
Ion Ratio	Lower	Upper	
101	100		
85	48.5	35.5	53.3
151	83.4	67.4	101.2

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#10

Methyl Iodide

Concen: 10.275 ug/l

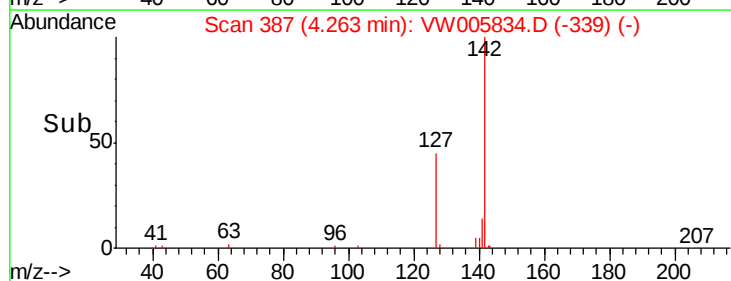
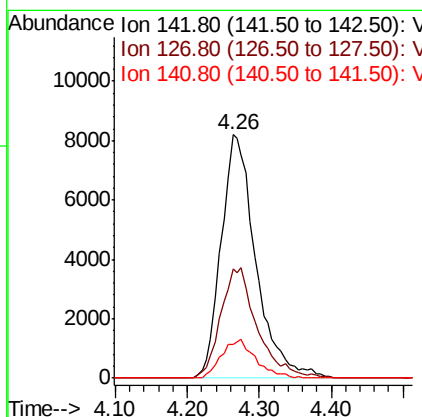
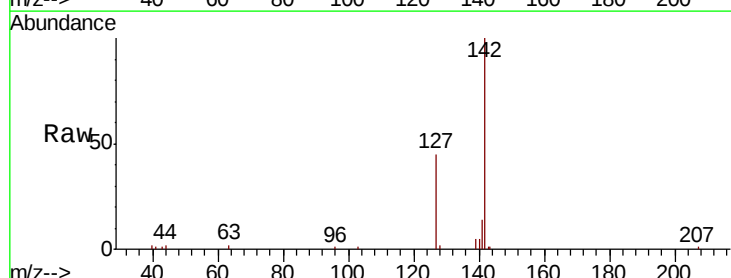
RT: 4.26 min Scan# 387

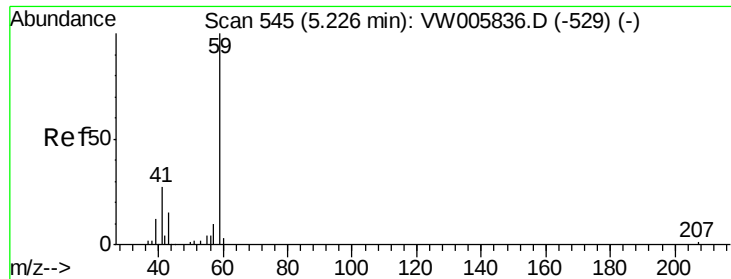
Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	142	Resp:	27448
Ion Ratio	Lower	Upper	
142	100		
127	47.6	37.4	56.0
141	15.5	12.2	18.2





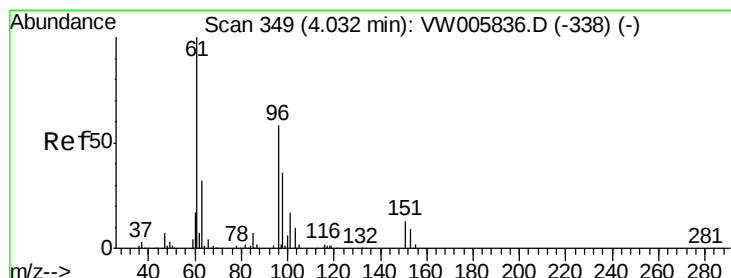
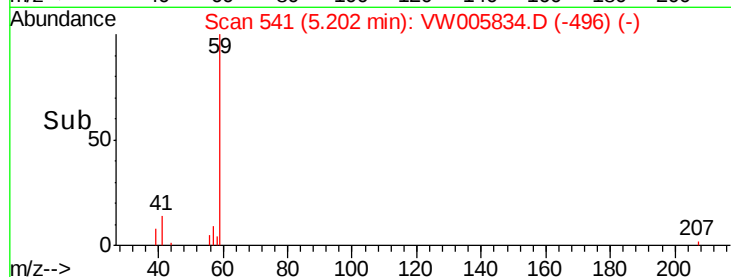
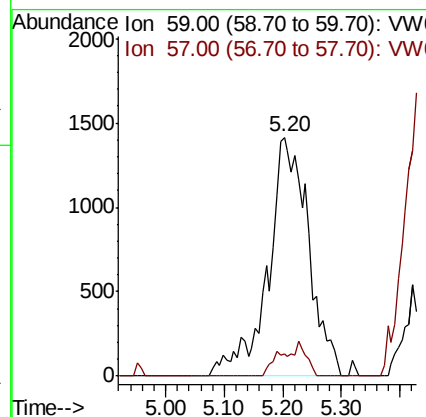
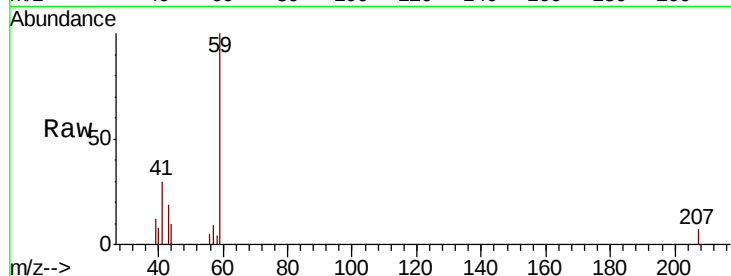
#11
Tert butyl alcohol
Concen: 55.132 ug/l m
RT: 5.20 min Scan# 541
Delta R.T. -0.02 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.0	4.9	7.3#

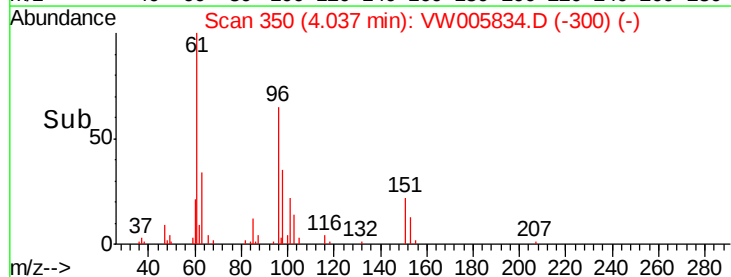
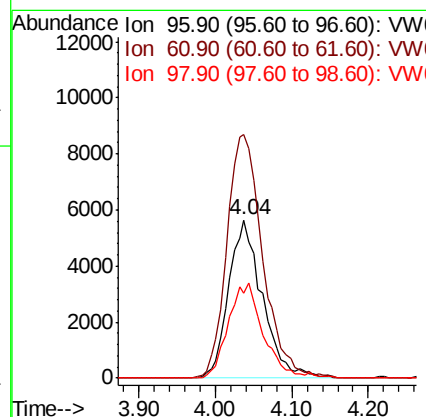
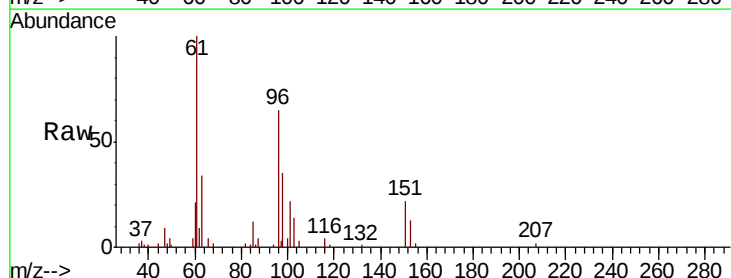
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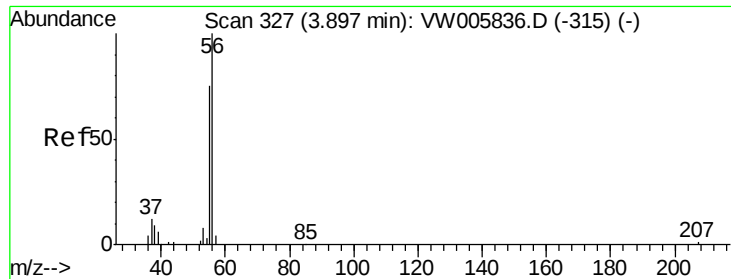
apatel
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#12
1,1-Dichloroethene
Concen: 10.416 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	138.8	208.2
98	53.5	50.6	75.8





#13

Acrolein

Concen: 75.518 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 7199

Ion Ratio Lower Upper

56 100

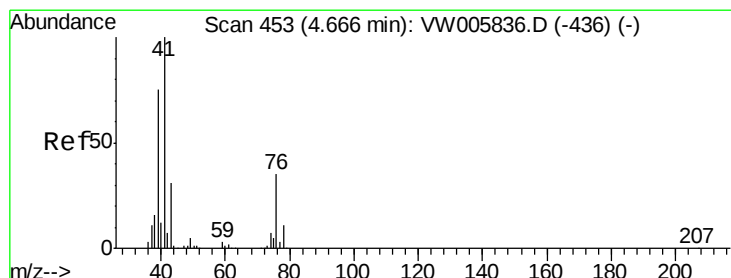
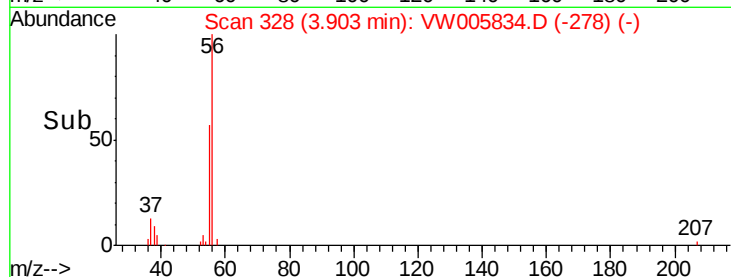
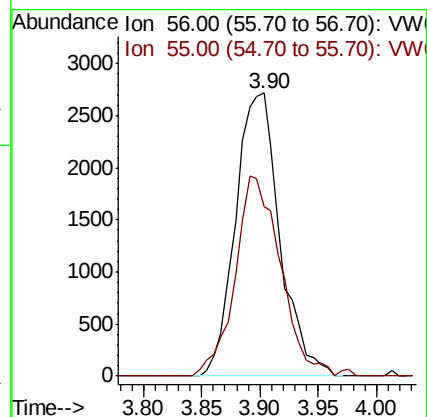
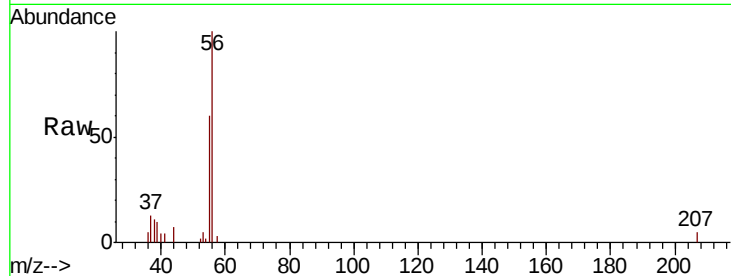
55 72.6 59.2 88.8

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#14

Allyl chloride

Concen: 9.204 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

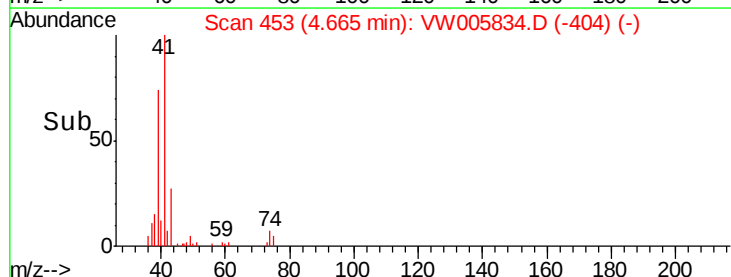
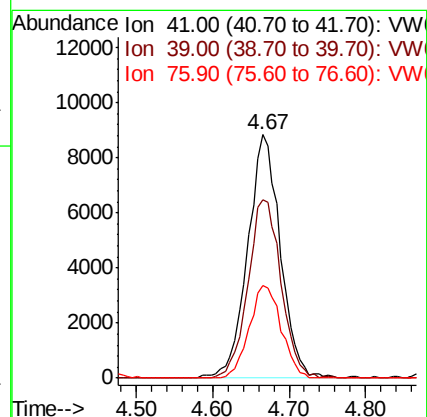
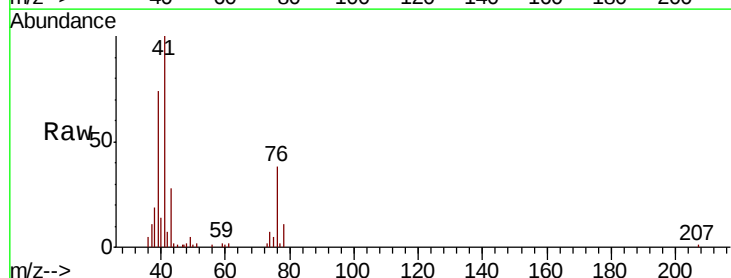
Tgt Ion: 41 Resp: 26225

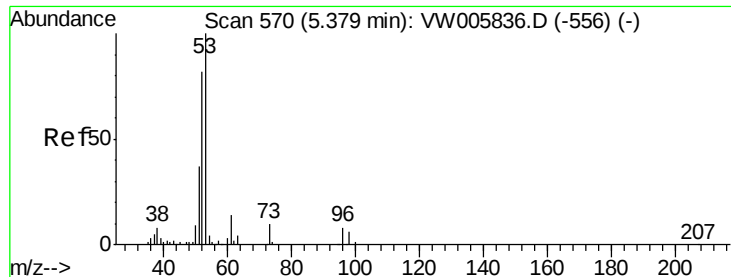
Ion Ratio Lower Upper

41 100

39 74.1 60.3 90.5

76 37.2 28.9 43.3





#15

Acrylonitrile

Concen: 47.600 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

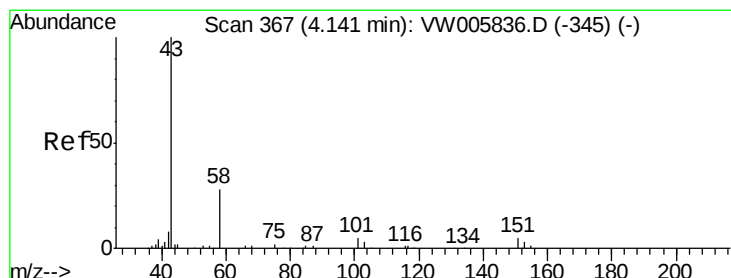
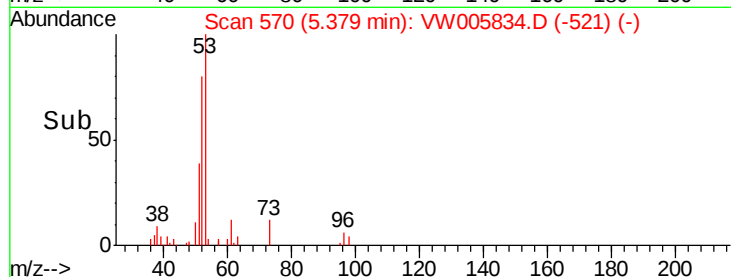
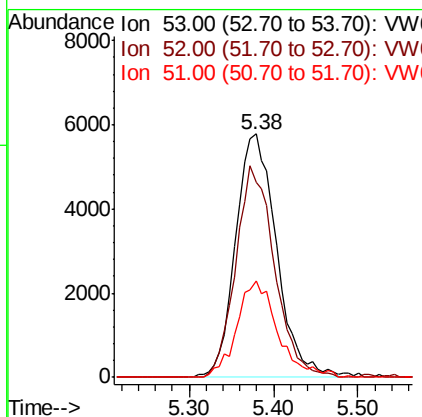
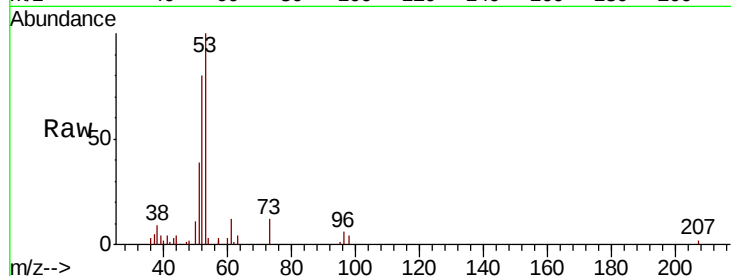
ClientSampled :

VSTDIC010

Tot Ion:	53	Resp:	19006
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.3	100.9
51	39.7	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 49.978 ug/l

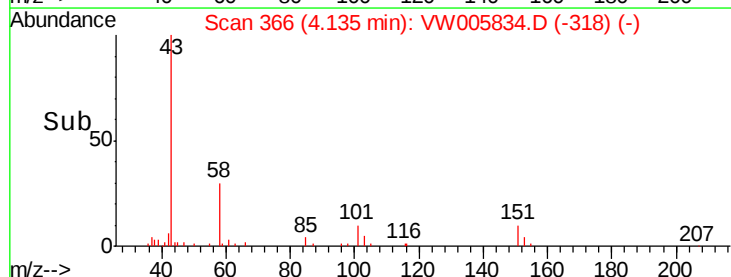
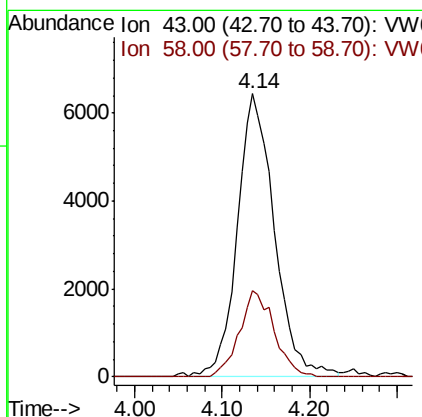
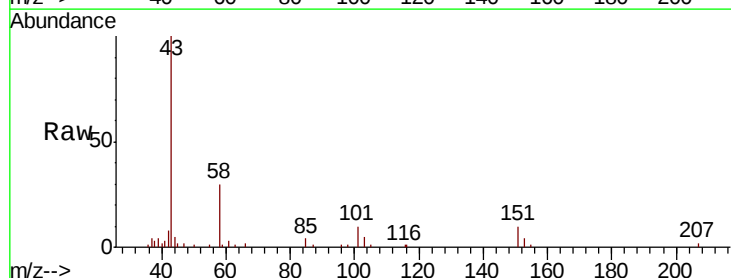
RT: 4.14 min Scan# 366

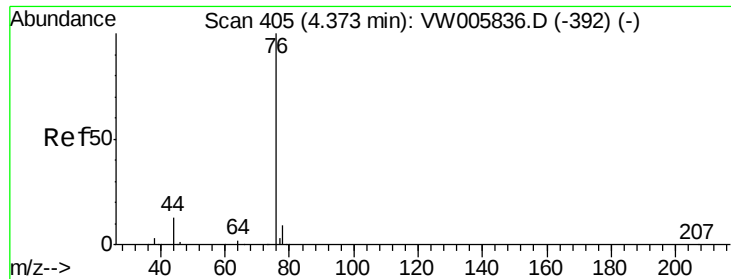
Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	43	Resp:	18994
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.0	34.4





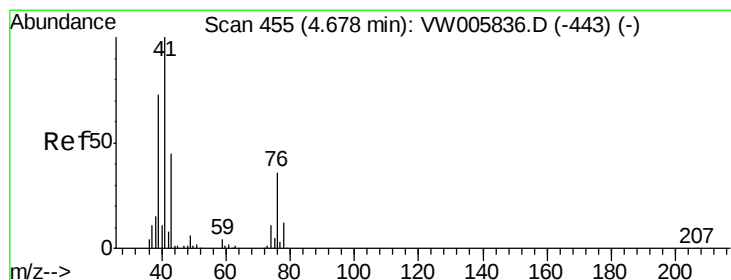
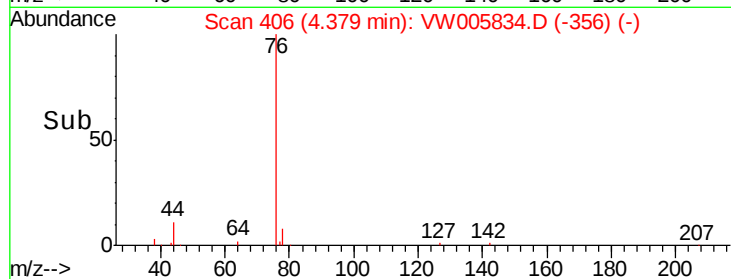
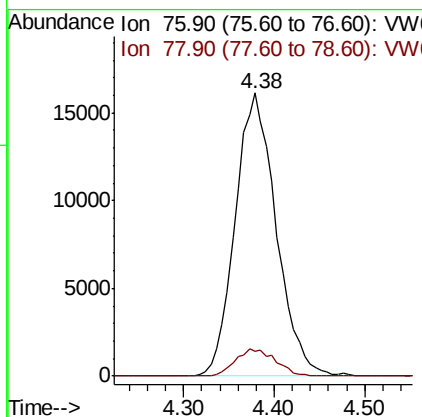
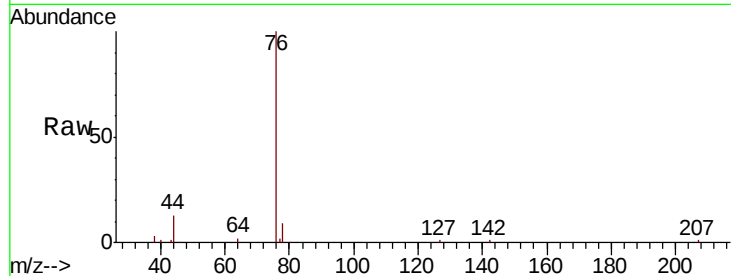
#17
Carbon Disulfide
Concen: 9.665 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6

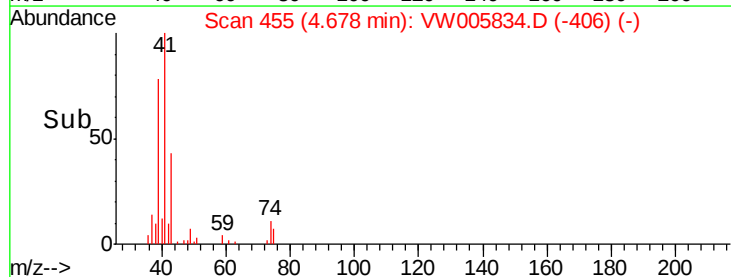
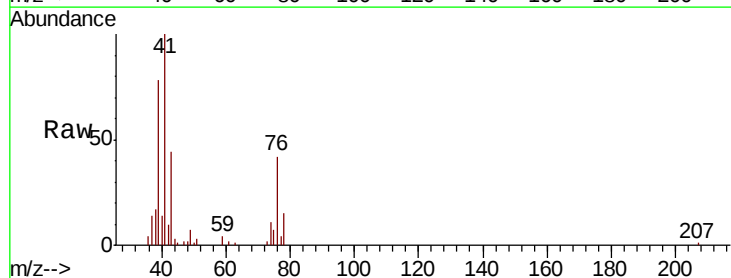
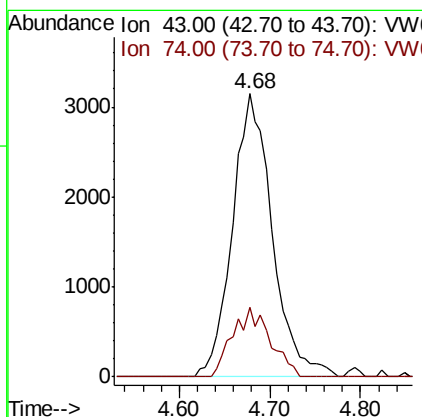
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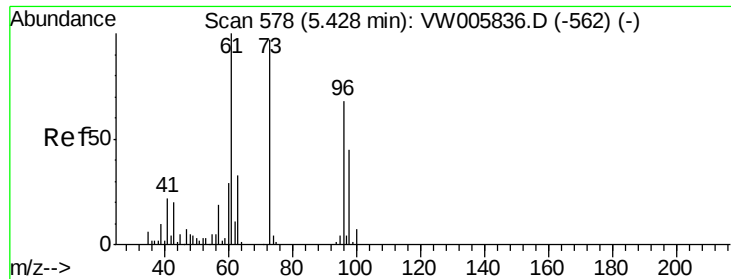
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#18
Methyl Acetate
Concen: 9.356 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.5	29.3





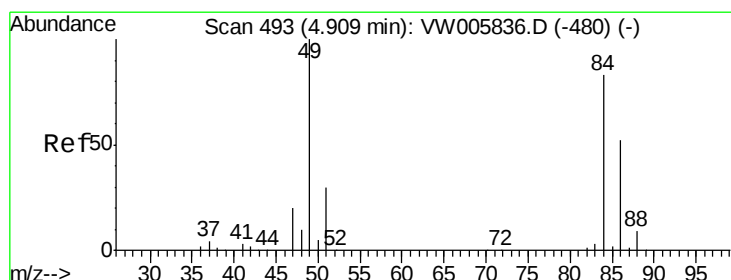
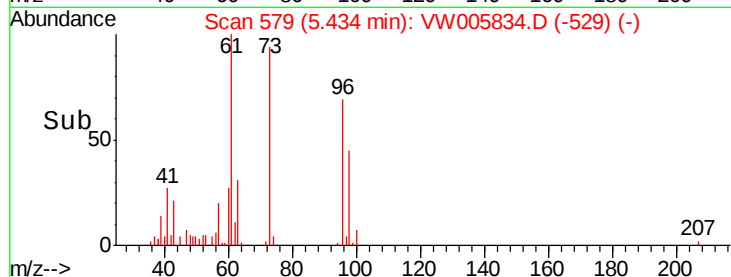
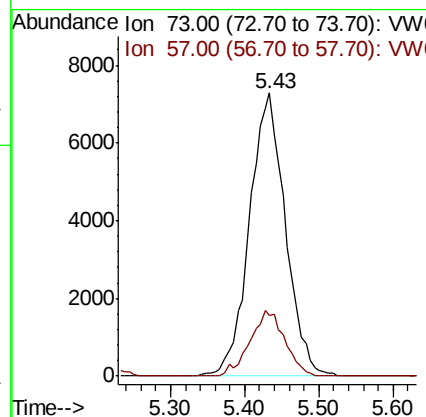
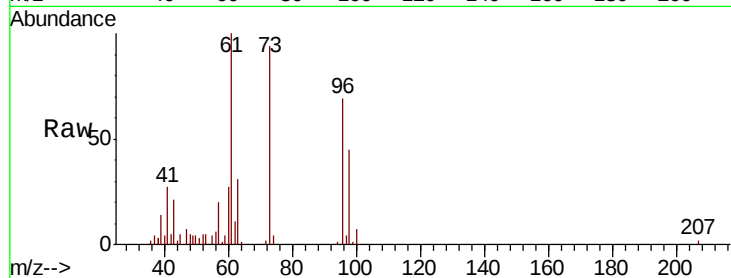
#19
Methyl tert-butyl Ether
Concen: 9.522 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 24602
Ion Ratio Lower Upper
73 100
57 21.6 15.9 23.9

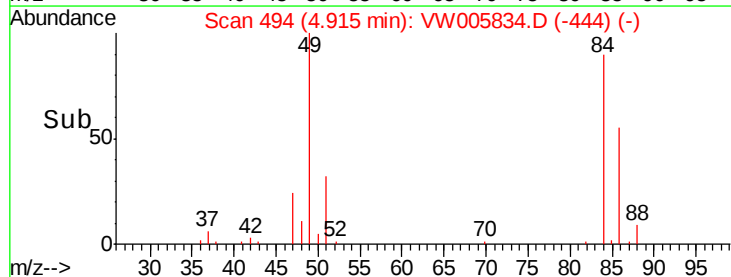
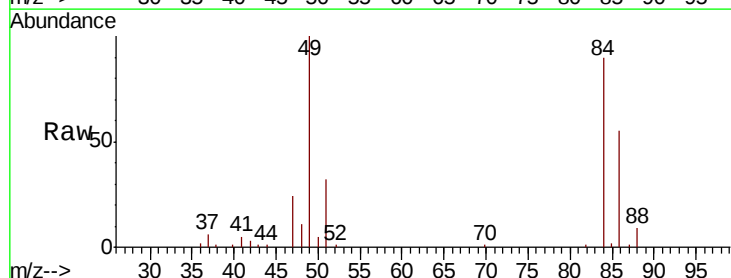
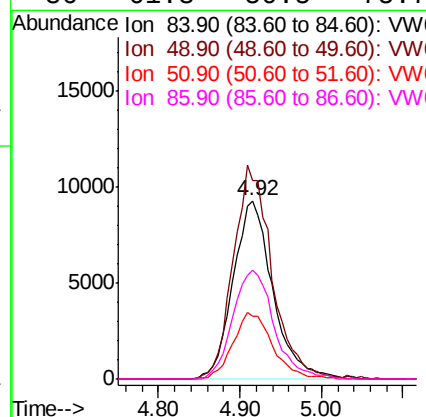
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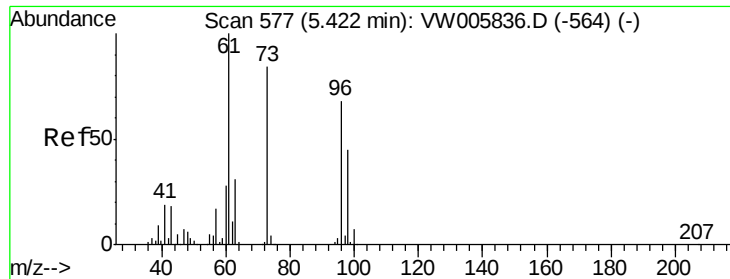
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#20
Methylene Chloride
Concen: 14.504 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 84 Resp: 31174
Ion Ratio Lower Upper
84 100
49 111.7 96.8 145.2
51 35.4 28.8 43.2
86 61.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 9.798 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 96 Resp: 17752

Ion Ratio Lower Upper

96 100

61 139.2 117.0 175.6

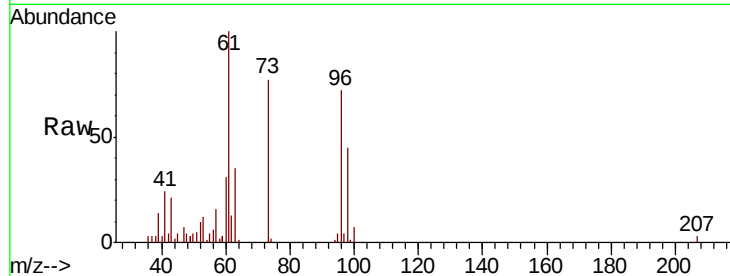
98 62.6 52.2 78.2

Manual Integrations

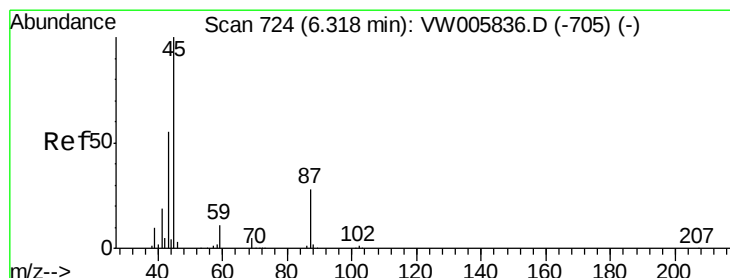
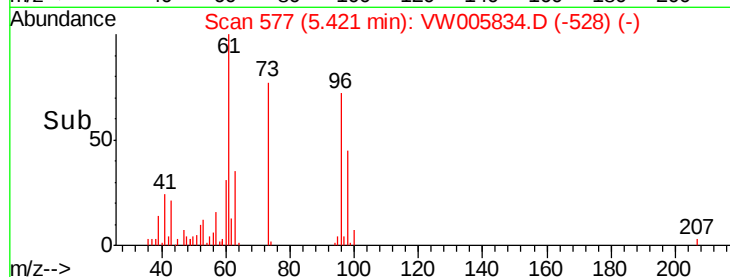
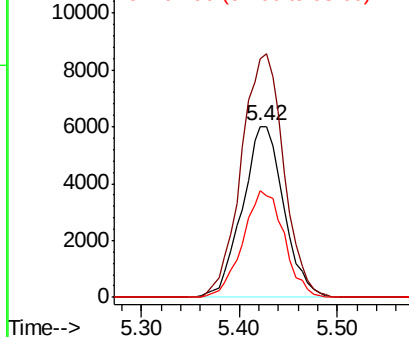
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 9.069 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion: 45 Resp: 50337

Ion Ratio Lower Upper

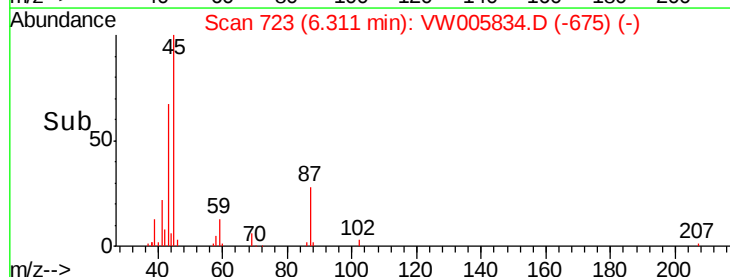
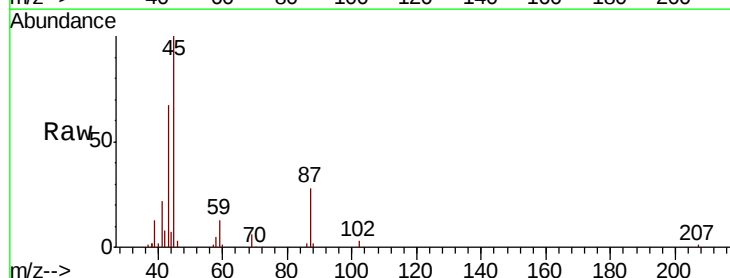
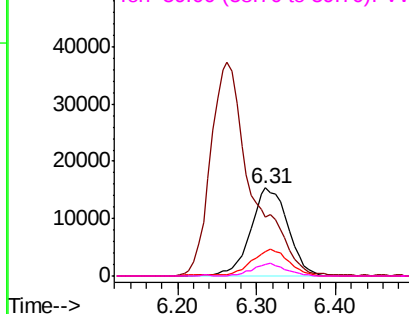
45 100

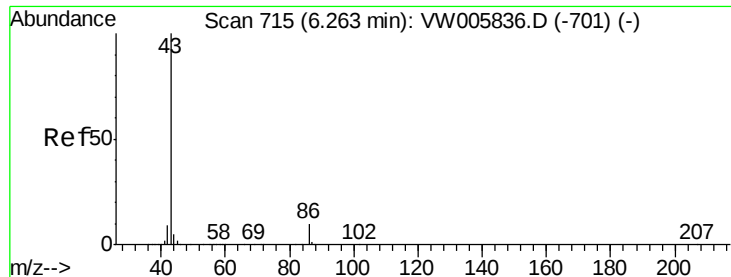
43 65.4 44.6 67.0

87 28.3 23.4 35.2

59 12.5 9.0 13.6

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





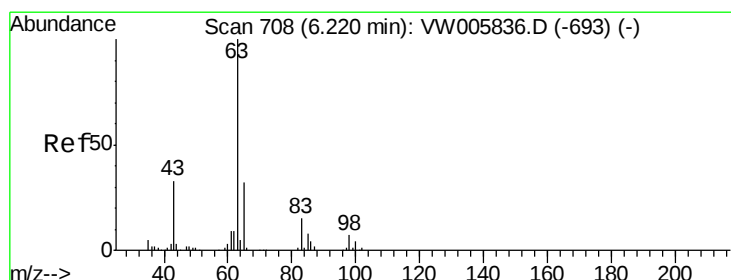
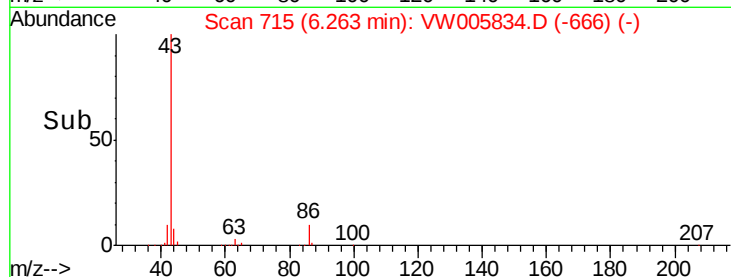
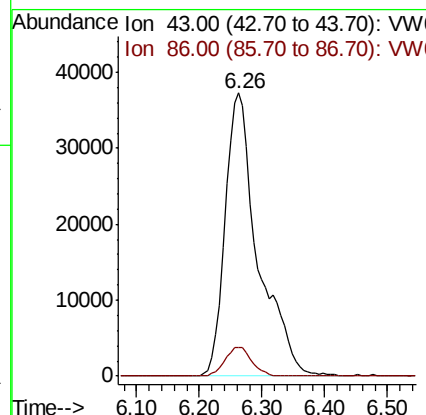
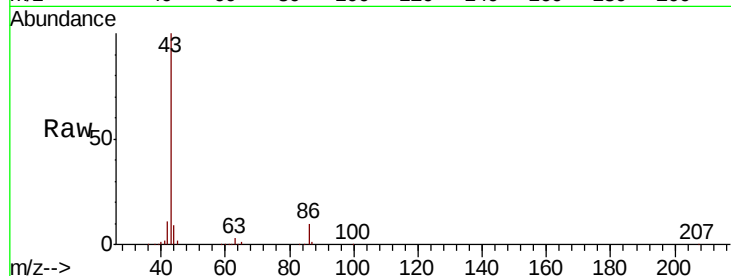
#23
 Vinyl Acetate
 Concen: 42.374 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	43	Resp	135141
Ion Ratio	Lower	Upper	
43	100		
86	10.3	8.1	12.1

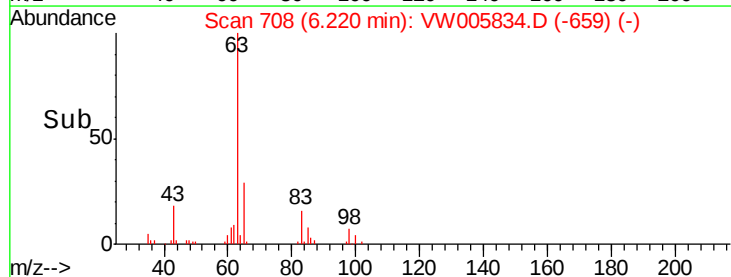
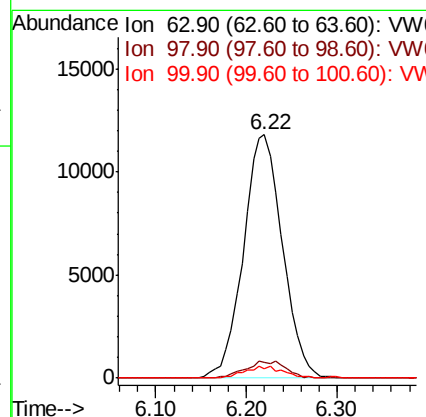
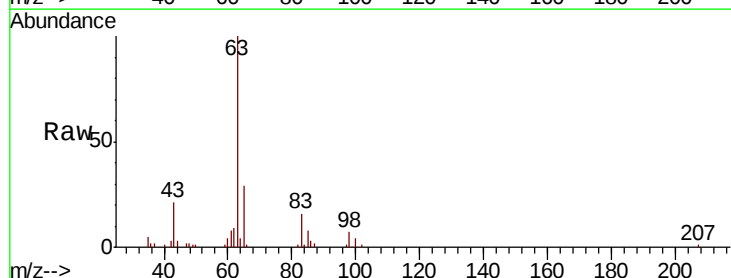
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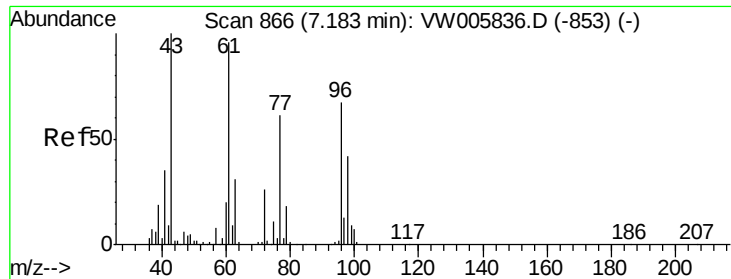
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#24
 1,1-Dichloroethane
 Concen: 10.192 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion	63	Resp	35127
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.5	10.5
100	4.0	2.0	6.0





#25

2-Butanone

Concen: 47.167 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 24598

Ion Ratio Lower Upper

43 100

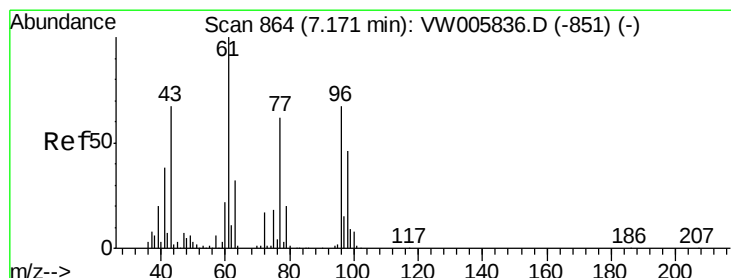
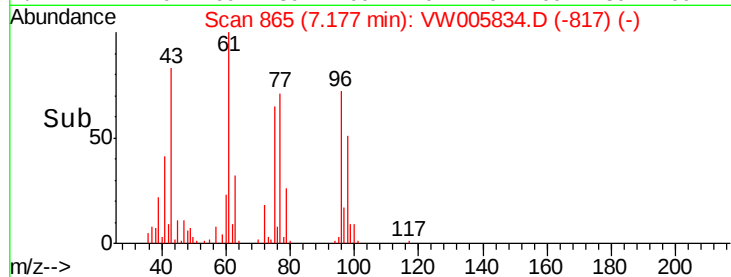
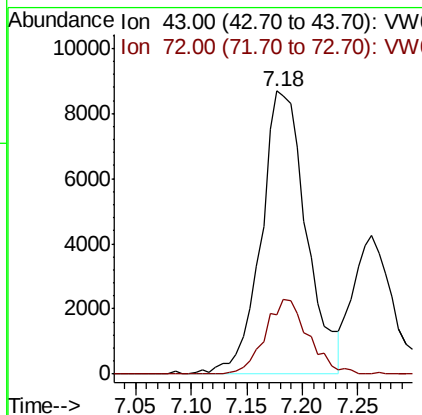
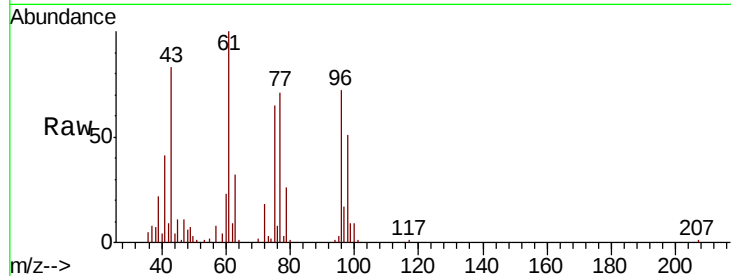
72 21.2 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 9.949 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005834.D

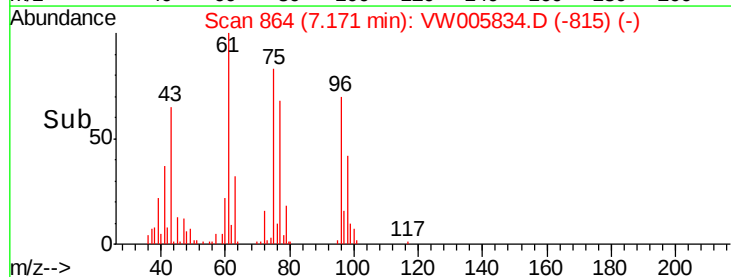
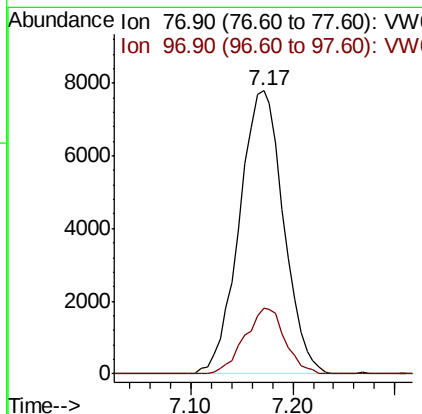
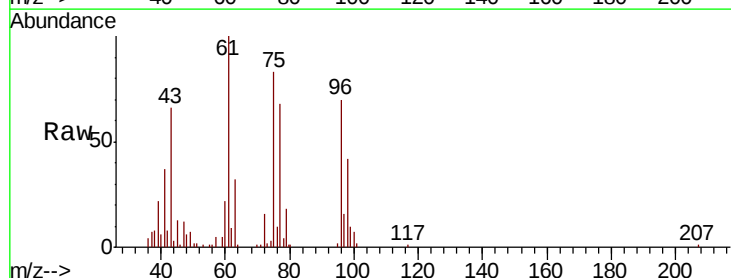
Acq: 04 Oct 2018 03:37

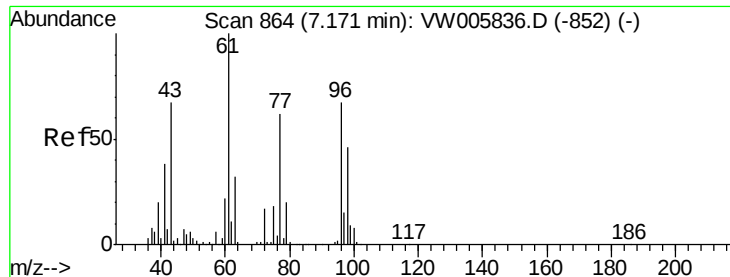
Tgt Ion: 77 Resp: 23473

Ion Ratio Lower Upper

77 100

97 21.1 11.7 35.0





#27

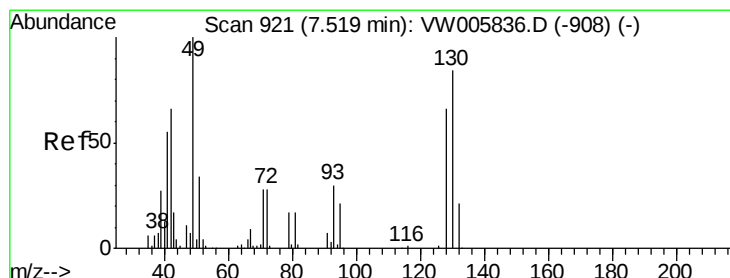
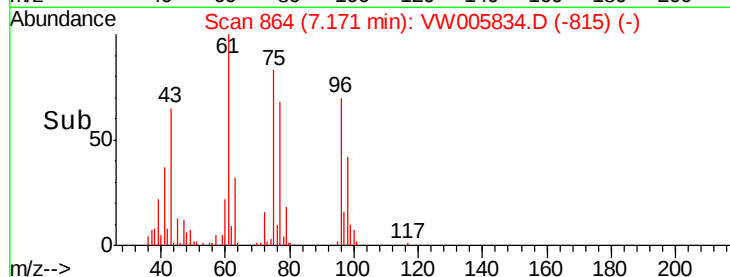
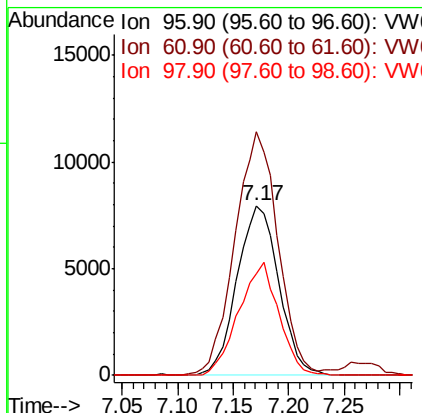
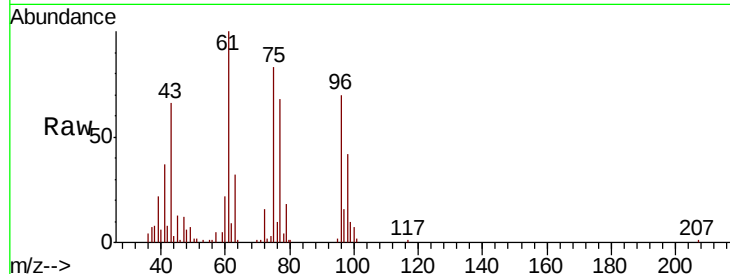
cis-1,2-Dichloroethene
Concen: 10.359 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	296.4
98	63.9	0.0	131.4

Manual Integrations
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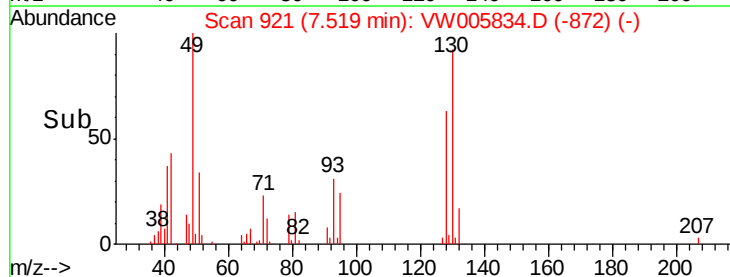
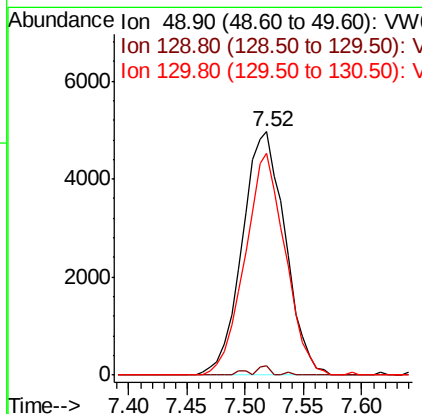
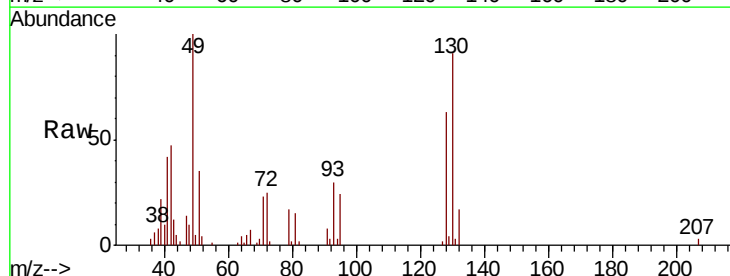
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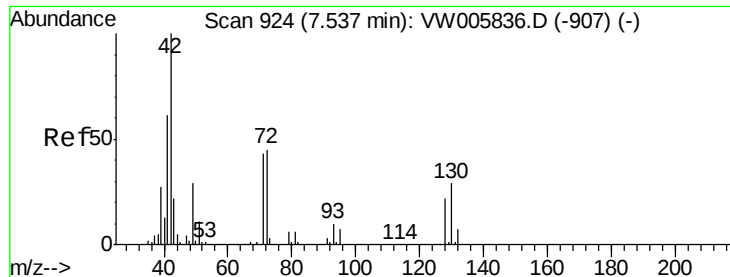


#28

Bromochloromethane
Concen: 9.487 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.2
130	85.4	66.4	99.6





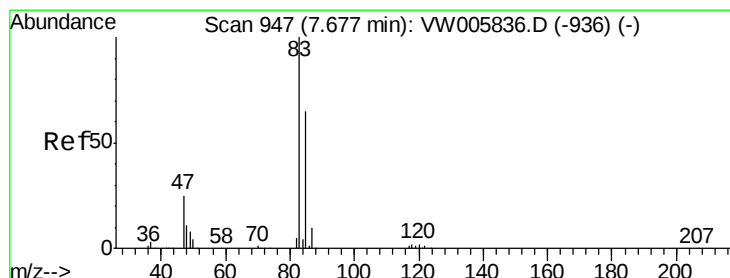
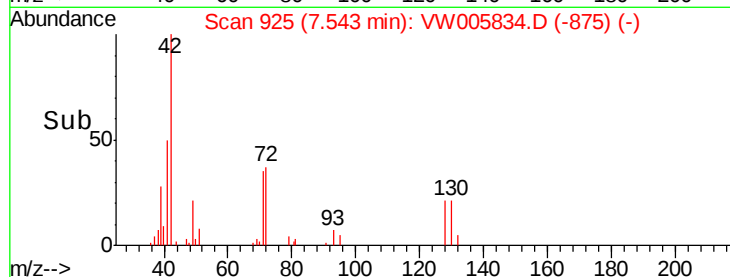
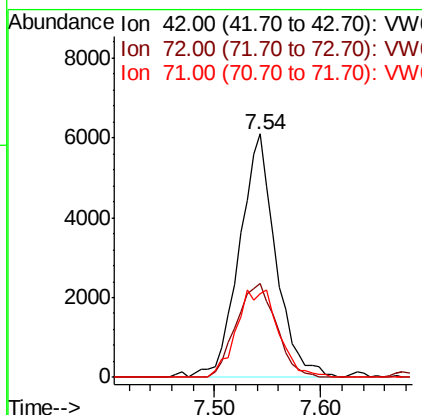
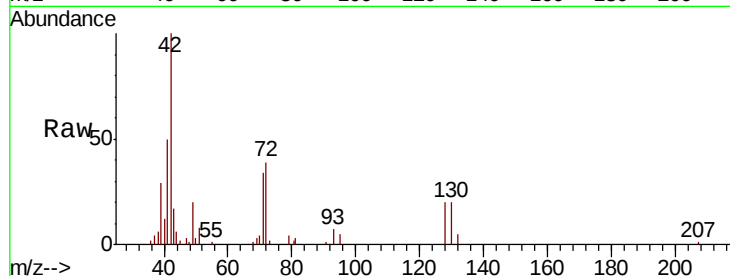
#29
Tetrahydrofuran
Concen: 44.825 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.6	51.8
71	41.4	33.6	50.4

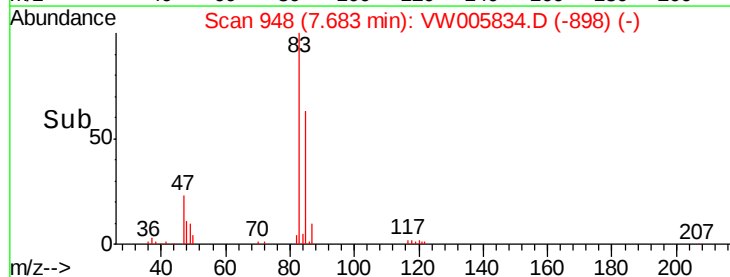
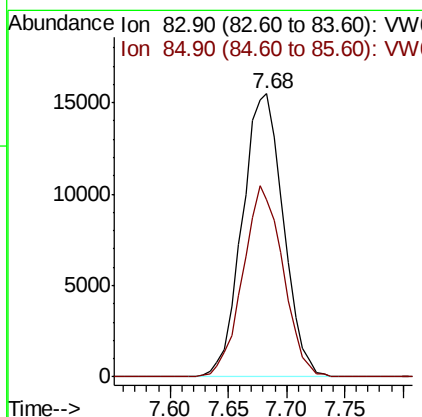
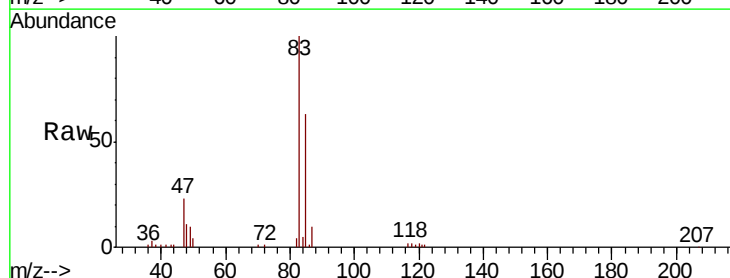
Manual Integrations
APPROVED

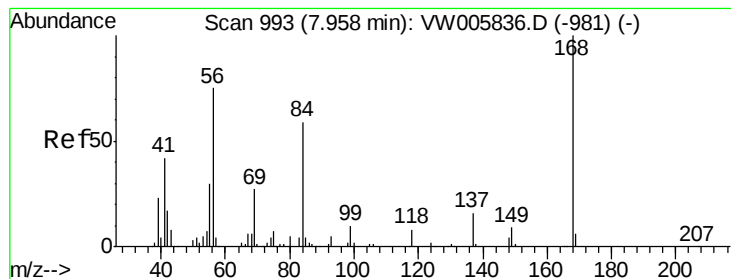
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#30
Chloroform
Concen: 10.627 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.6	77.4





#31

Cyclohexane

Concen: 9.027 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

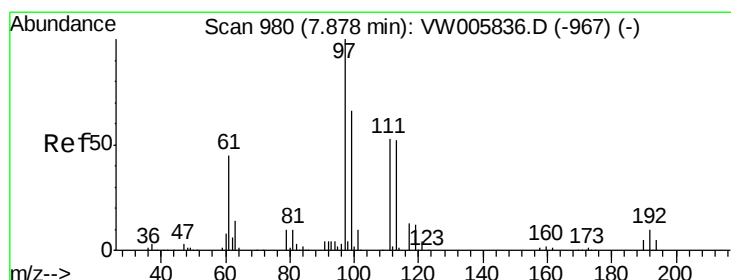
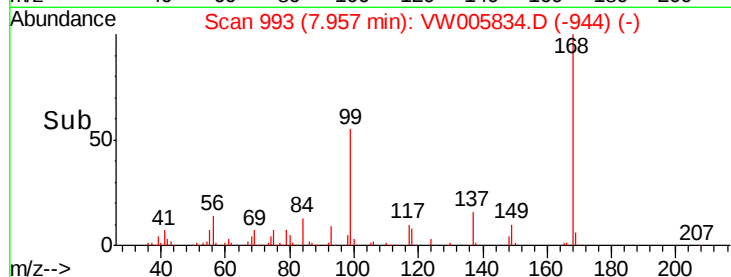
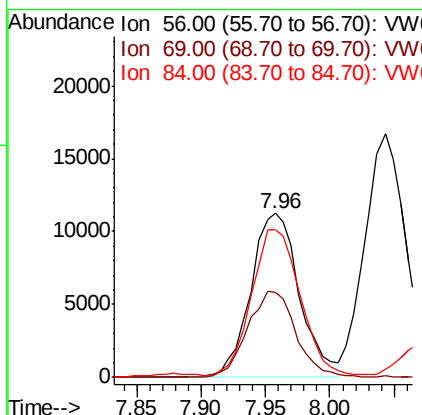
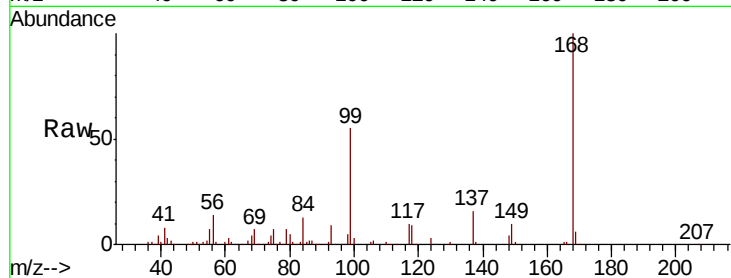
ClientSampled :

VSTDIC010

Tot Ion:	56	Resp:	29514
Ion Ratio	Lower	Upper	
56	100		
69	51.5	29.0	43.4#
84	88.7	63.5	95.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 10.217 ug/l

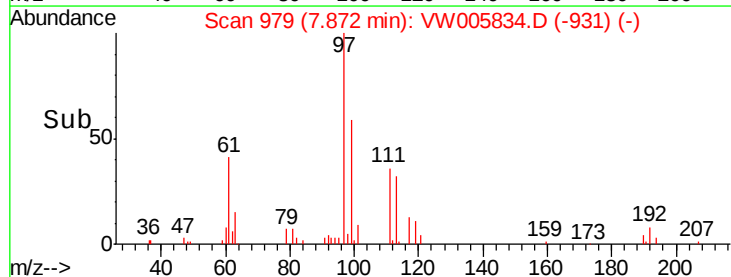
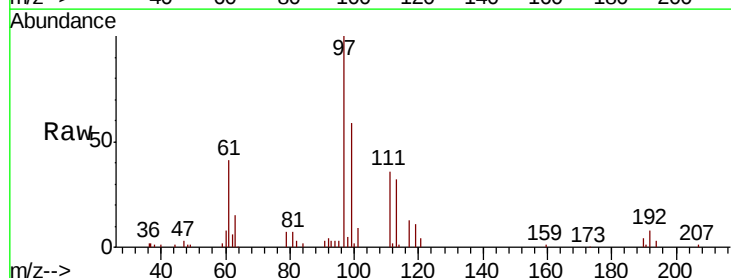
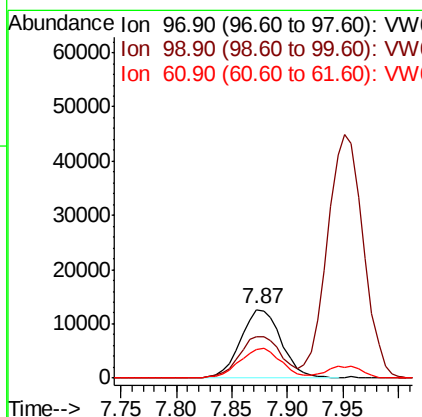
RT: 7.87 min Scan# 979

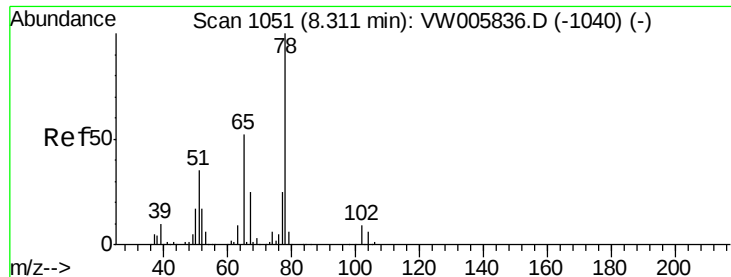
Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	97	Resp:	32088
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.2	76.8
61	43.8	35.5	53.3





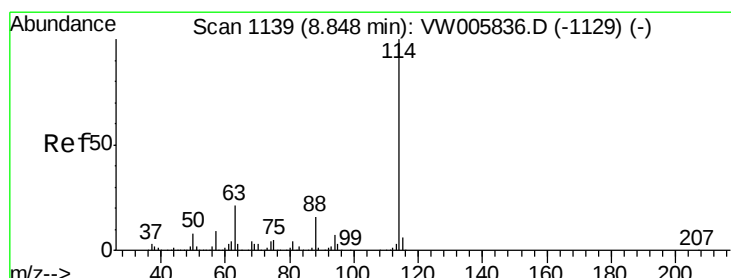
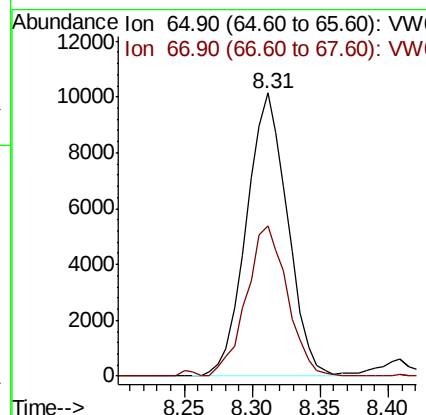
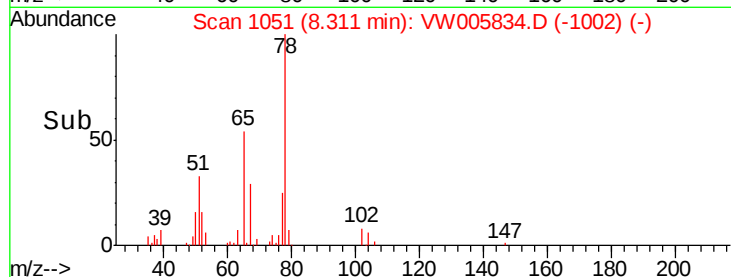
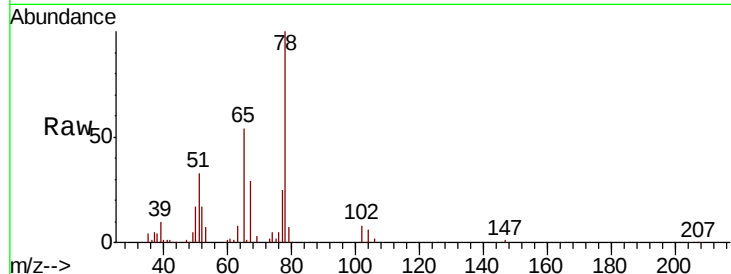
#33
 1,2-Dichloroethane-d4
 Concen: 10.093 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	98.0

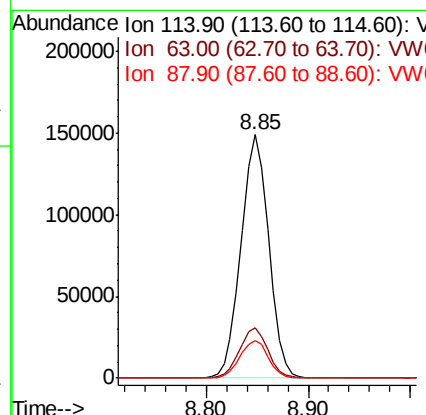
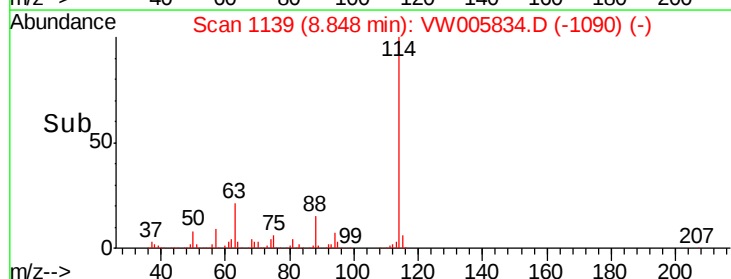
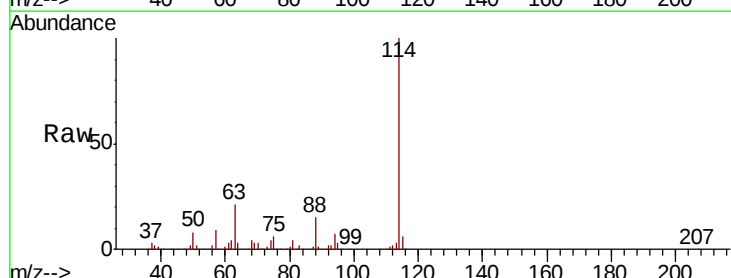
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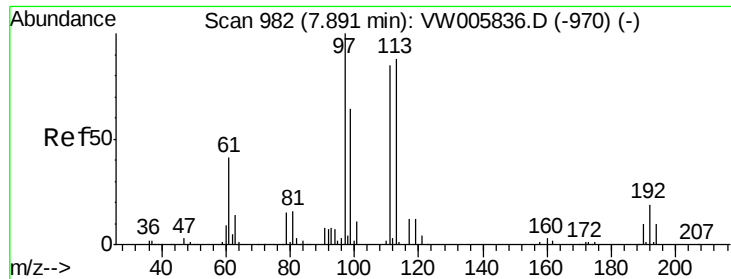
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.0
88	15.4	0.0	31.2





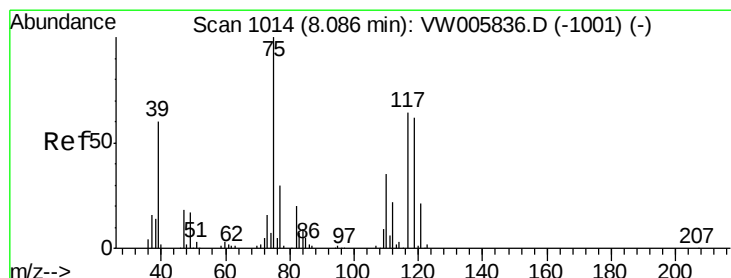
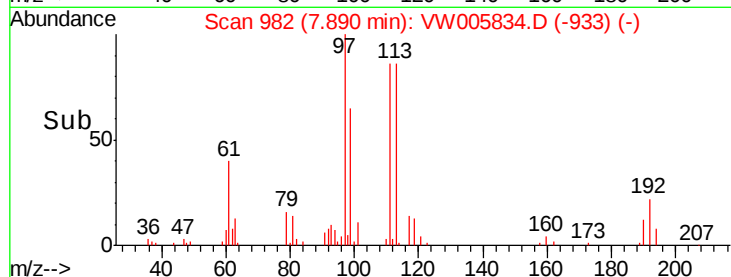
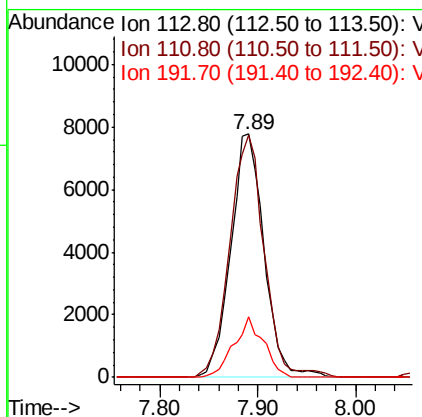
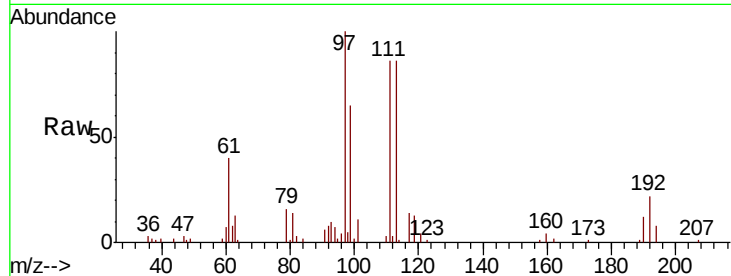
#35
 Dibromofluoromethane
 Concen: 10.304 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.2
192	22.0	17.3	25.9

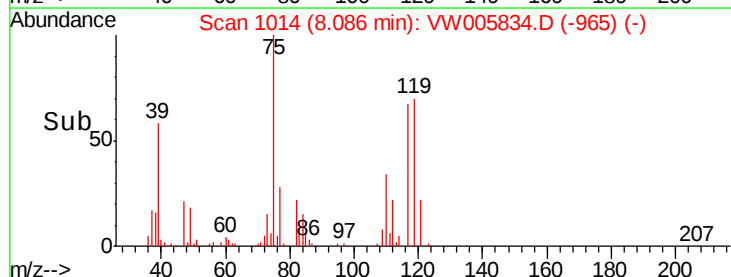
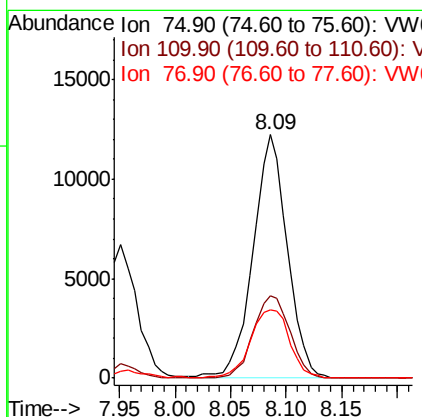
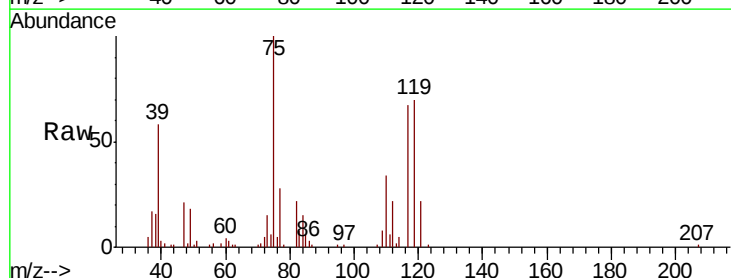
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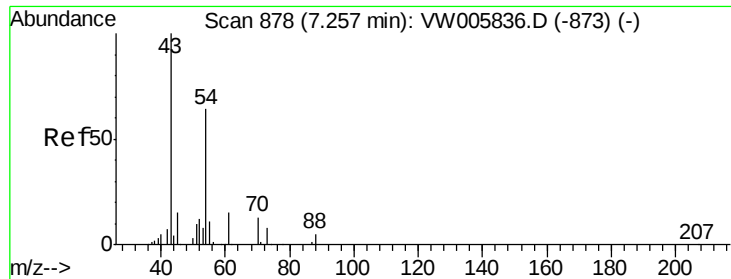
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#36
 1,1-Dichloropropene
 Concen: 9.244 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.5	52.6
77	31.8	24.8	37.2





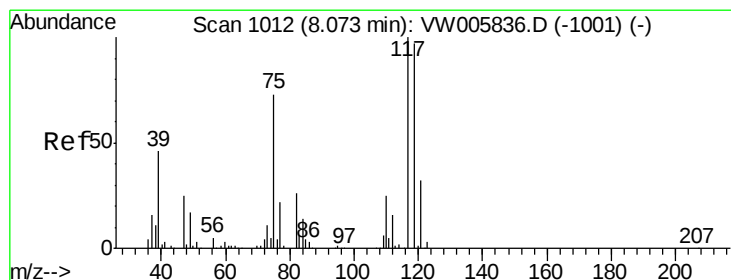
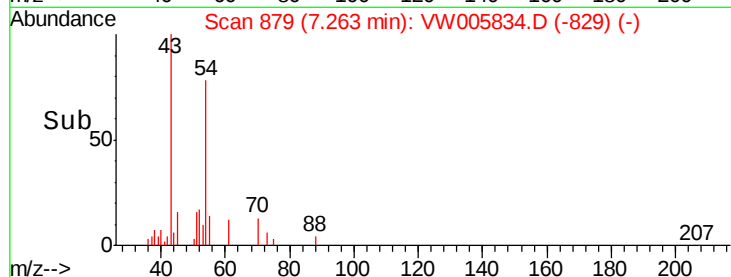
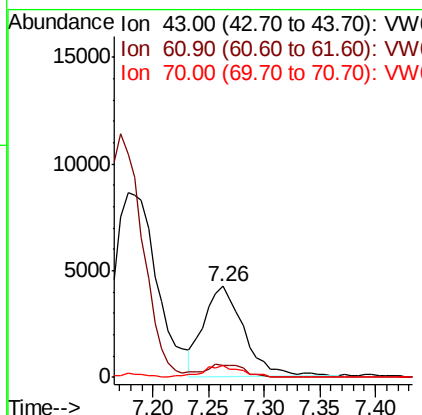
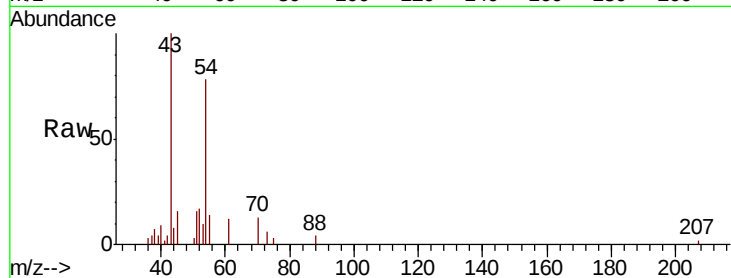
#37
Ethyl Acetate
Concen: 8.793 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.2	16.8
70	12.1	8.6	13.0

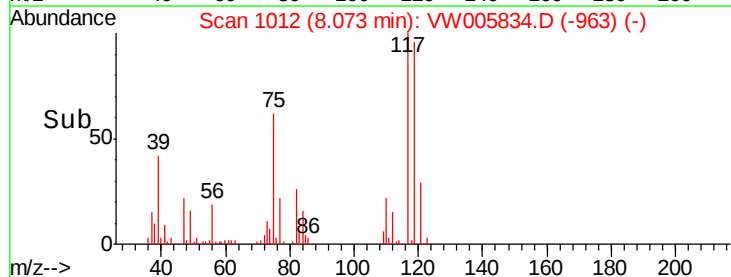
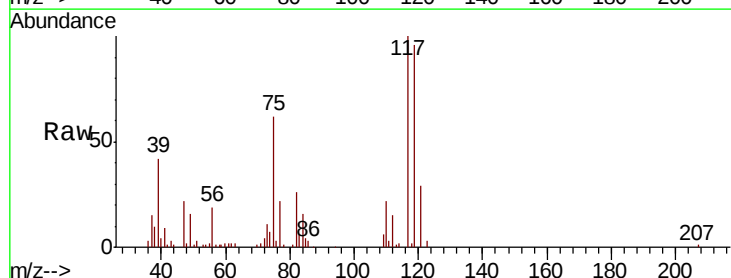
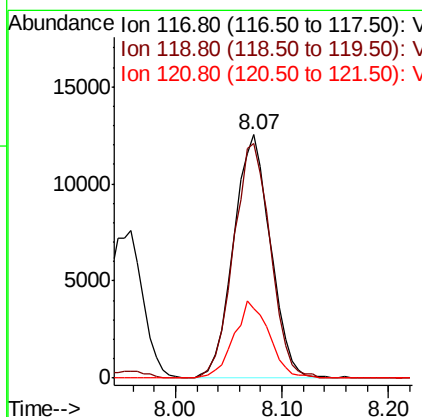
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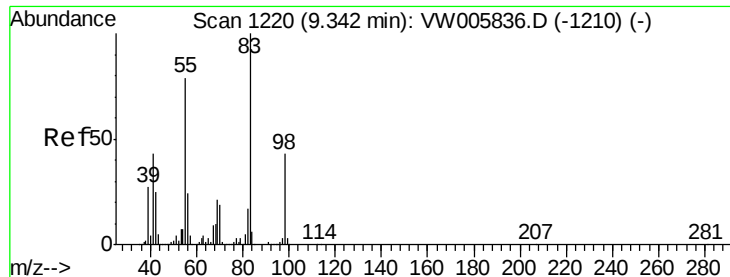
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#38
Carbon Tetrachloride
Concen: 10.005 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.9	116.9
121	28.7	25.2	37.8





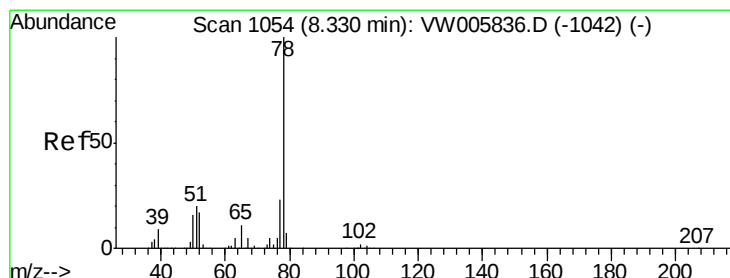
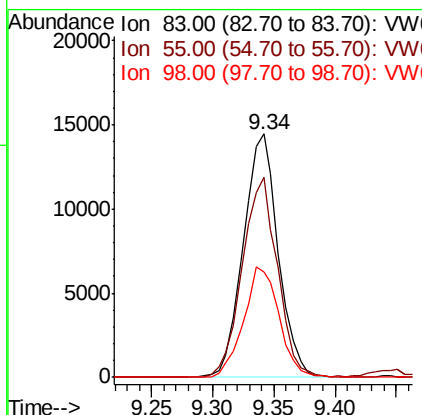
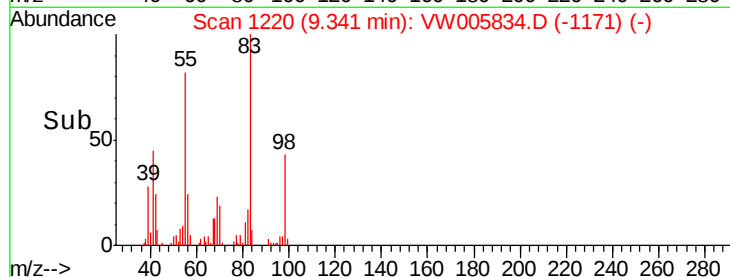
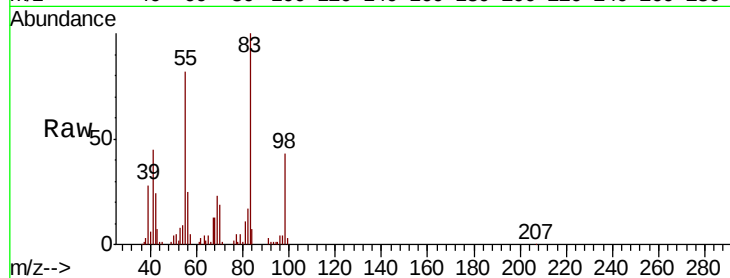
#39
Methvlcvclohexane
Concen: 8.567 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	63.0	94.4
98	43.2	34.5	51.7

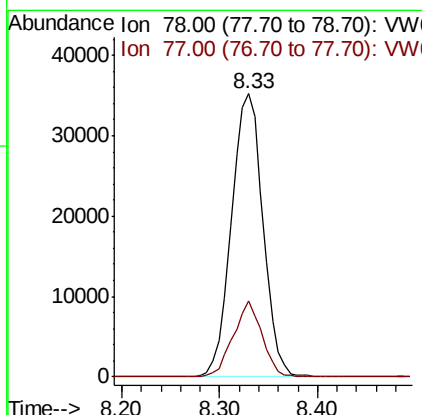
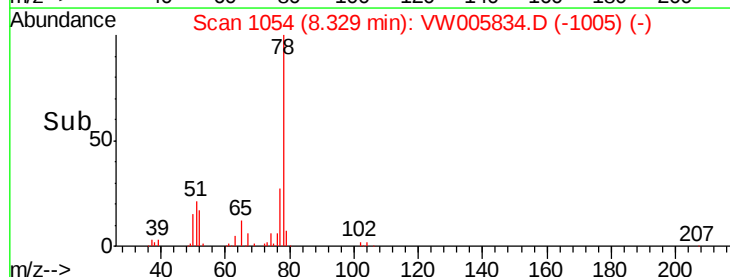
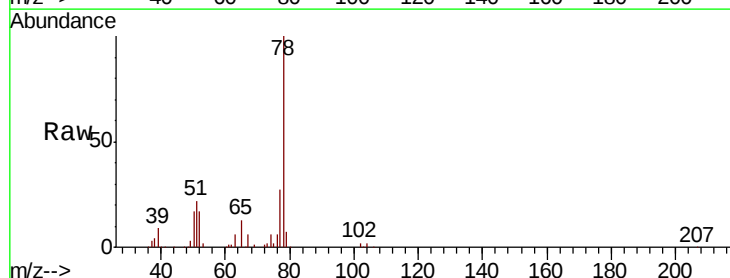
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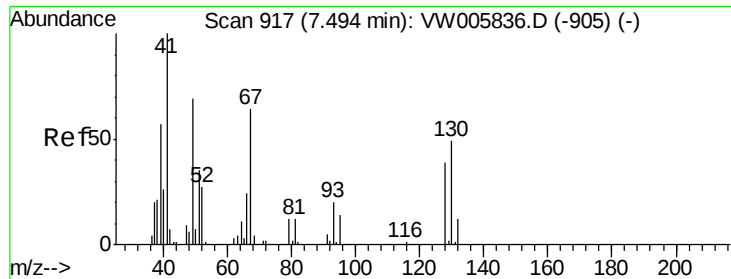
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#40
Benzene
Concen: 9.723 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.7	18.6	28.0





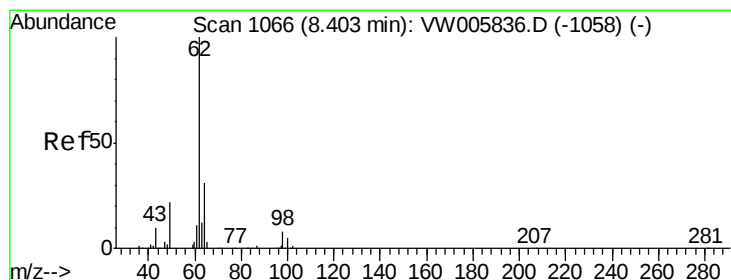
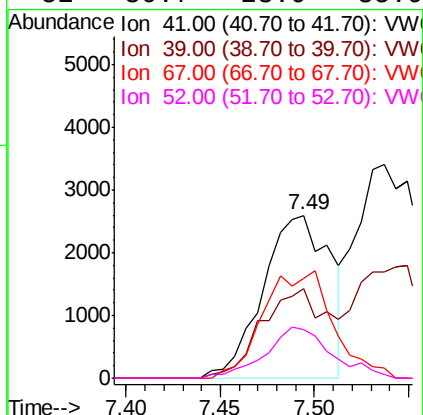
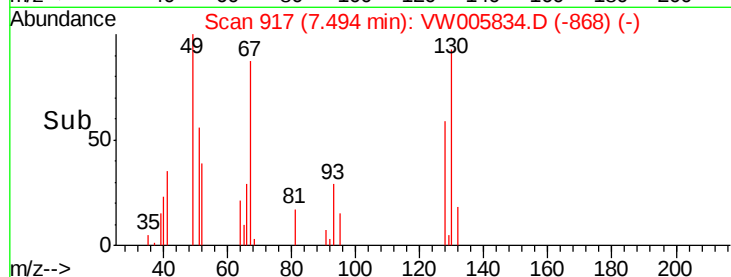
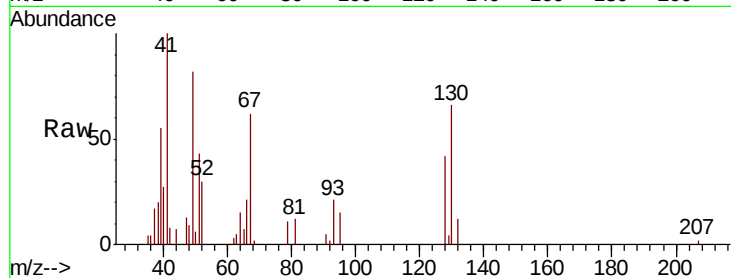
#41
Methacrylonitrile
Concen: 9.265 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:	41	Resp:	6460
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.6	68.4
67	67.5	53.6	80.4
52	30.7	23.9	35.9

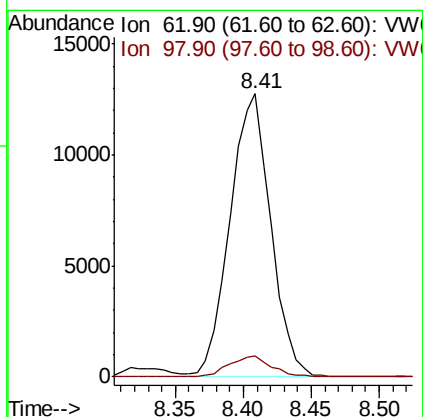
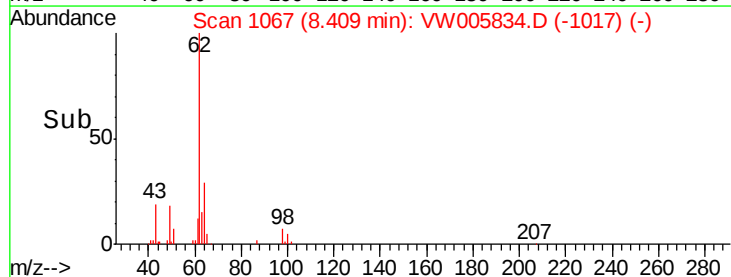
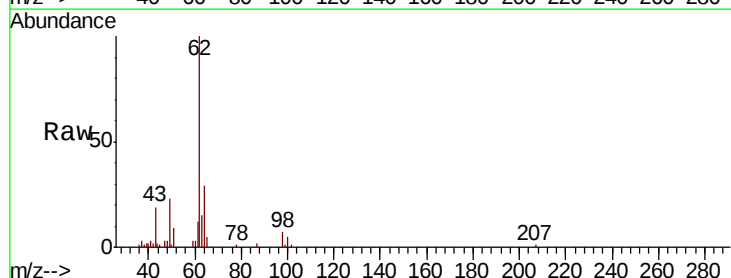
Manual Integrations
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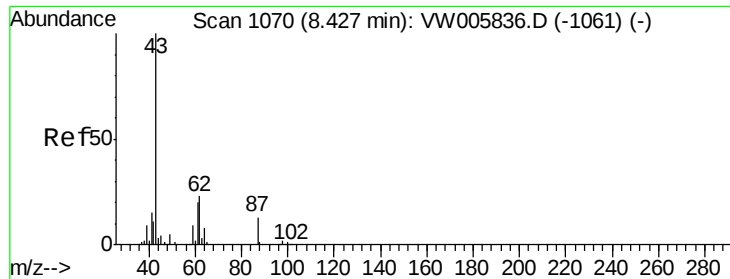
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#42
1,2-Dichloroethane
Concen: 10.174 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:	62	Resp:	26655
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 8.396 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

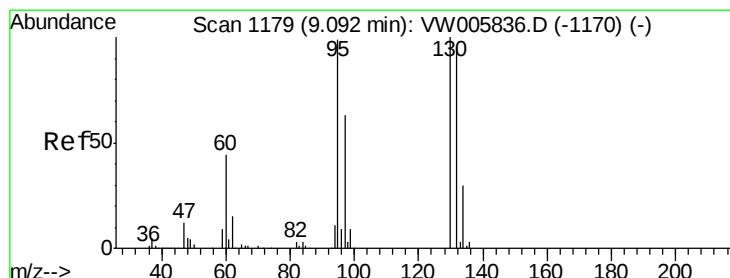
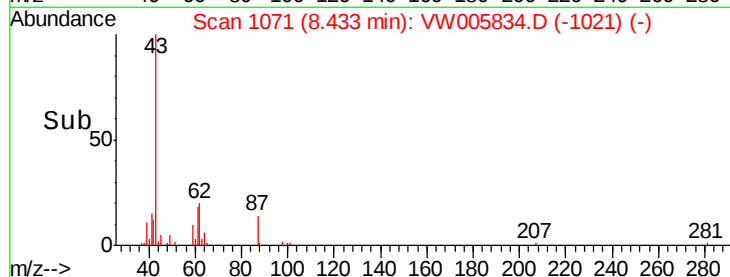
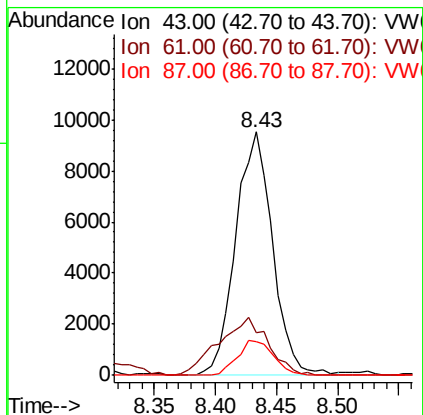
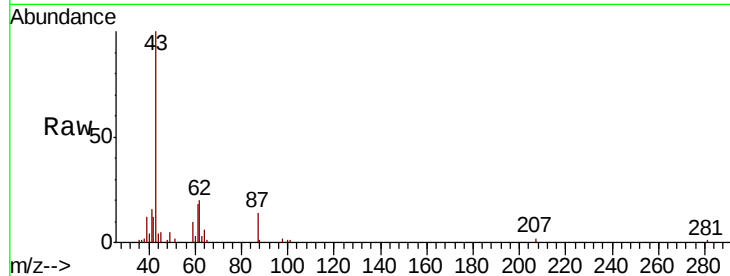
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	20008
Ion	Ratio	Lower	Upper
43	100		
61	31.8	24.1	36.1
87	14.0	10.6	16.0

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#44

Trichloroethene

Concen: 10.154 ug/l

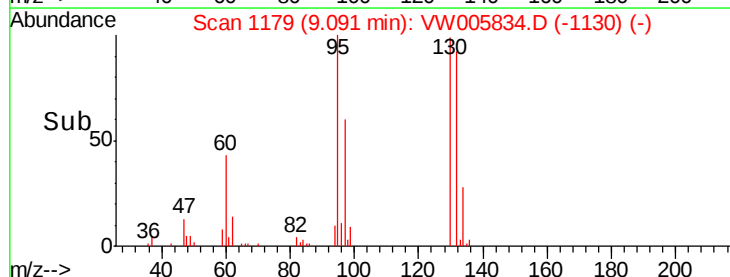
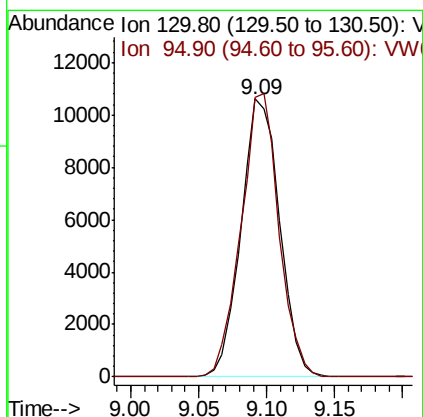
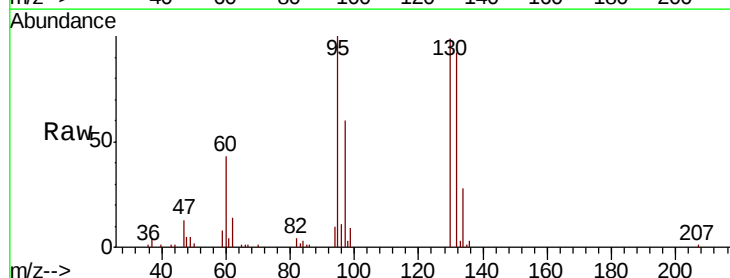
RT: 9.09 min Scan# 1179

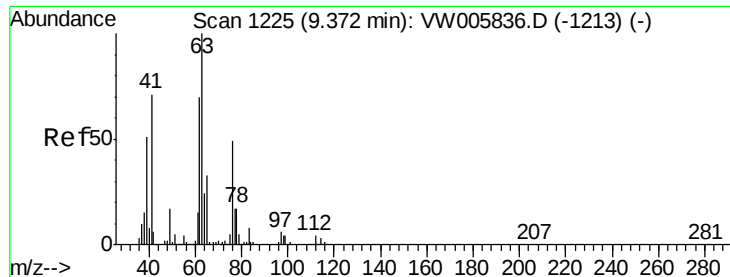
Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	130	Resp:	21090
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	197.6





#45

1,2-Dichloropropane

Concen: 9.662 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 63 Resp: 19032

Ion Ratio Lower Upper

63 100

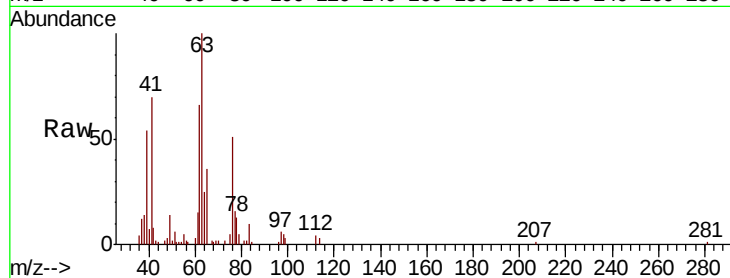
65 35.7 26.1 39.1

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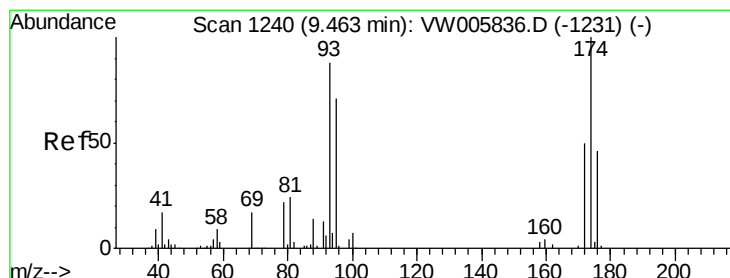
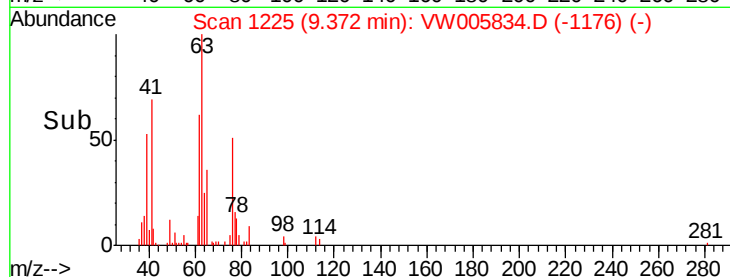
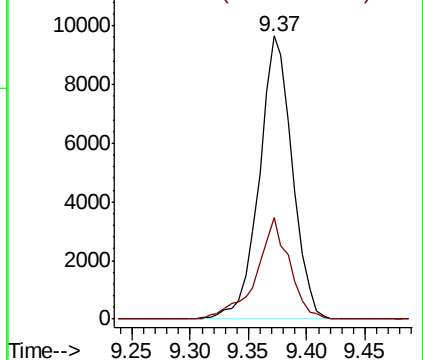
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 10.026 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

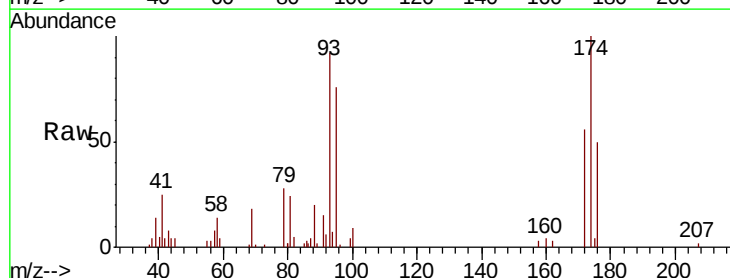
Tgt Ion: 93 Resp: 10072

Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

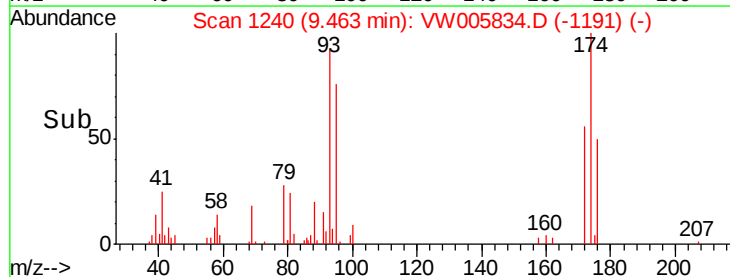
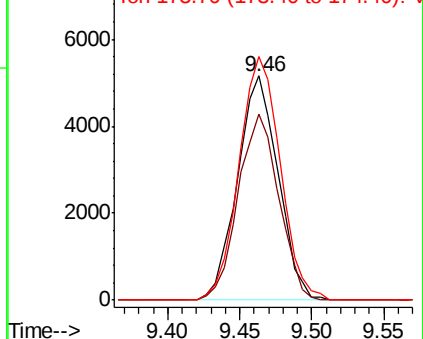
174 110.4 88.4 132.6

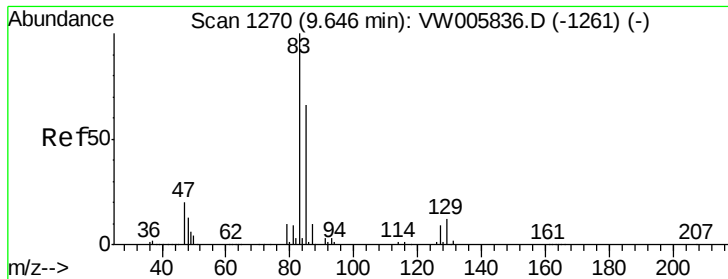


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





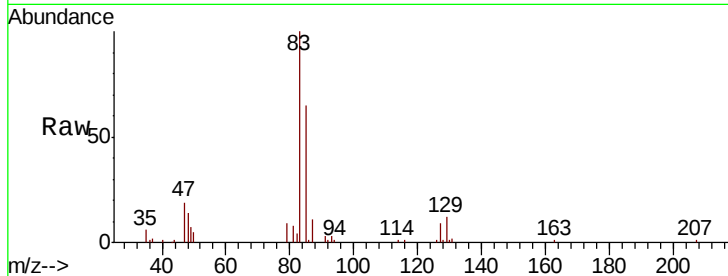
#47
Bromodichloromethane
Concen: 10.393 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

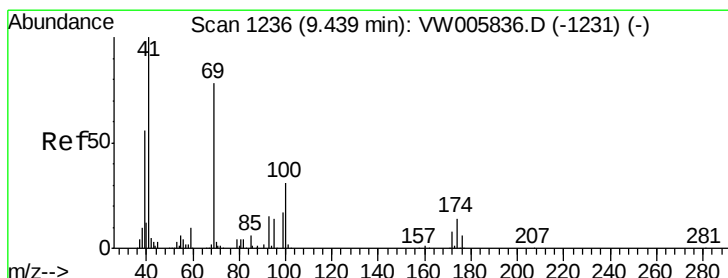
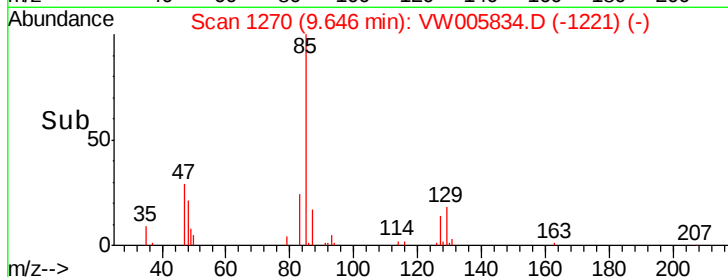
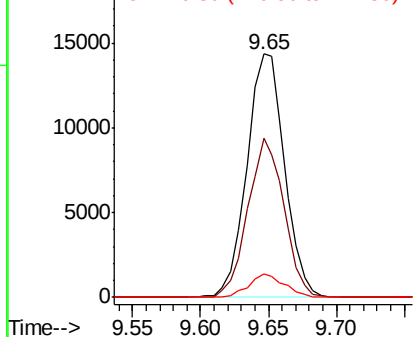
Tot Ion	83	Resp	27825
Ion Ratio	100	Lower	Upper
83	100		
85	65.5	52.6	78.8
127	9.5	7.4	11.0

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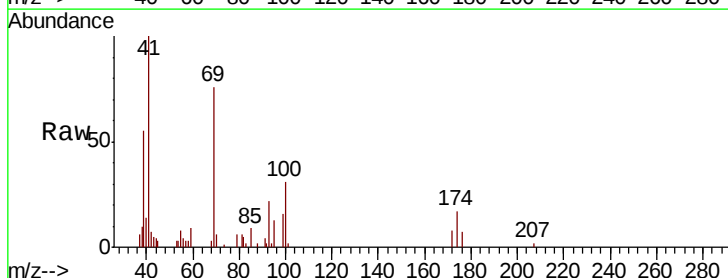


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

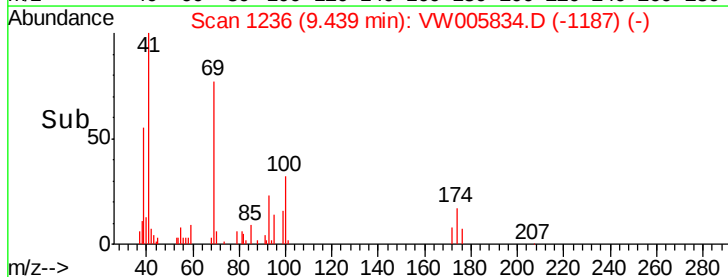
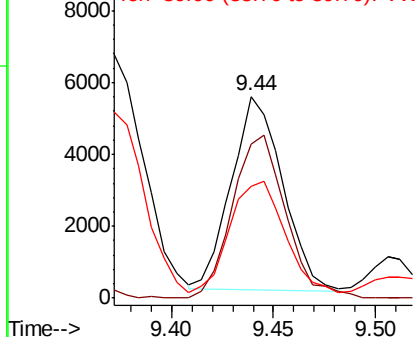


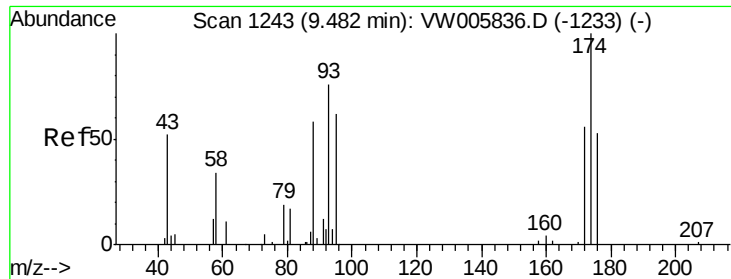
#48
Methyl methacrylate
Concen: 8.329 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	41	Resp	9439
Ion Ratio	100	Lower	Upper
41	100		
69	86.9	66.4	99.6
39	68.0	50.1	75.1



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





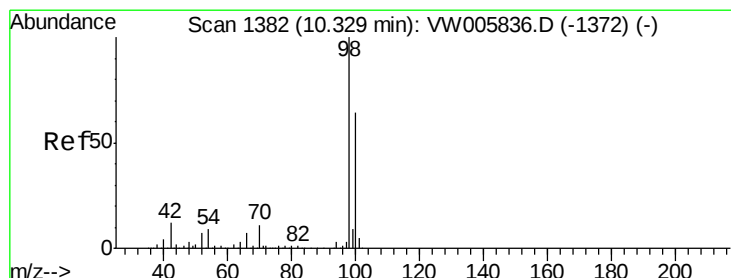
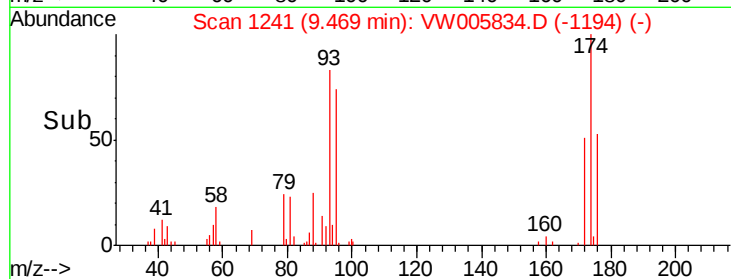
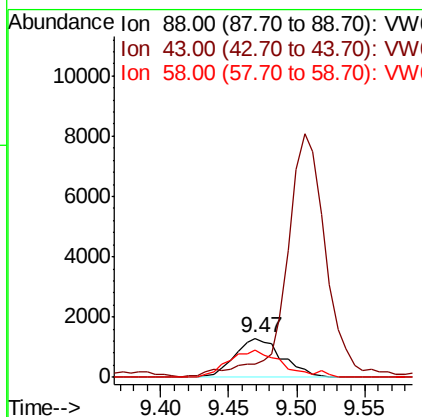
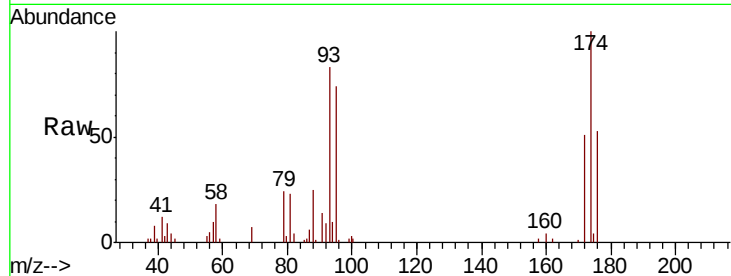
#49
1,4-Dioxane
Concen: 197.379 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	3165
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.9	58.1	87.1

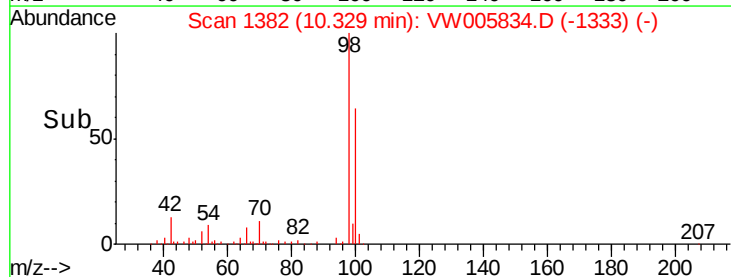
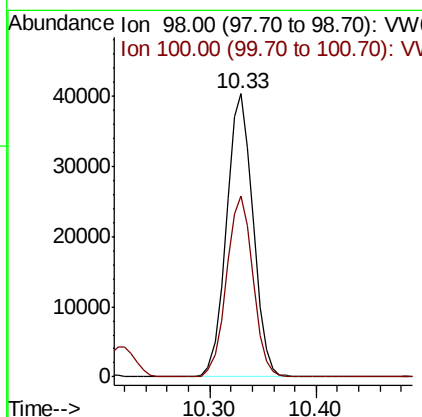
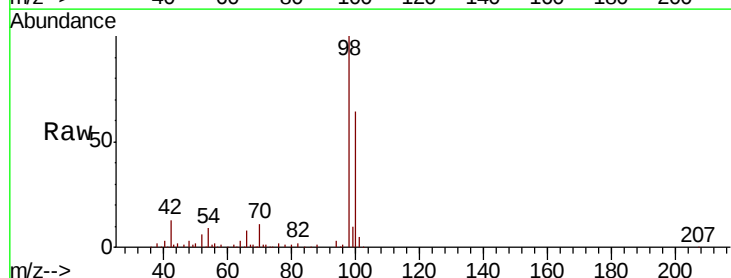
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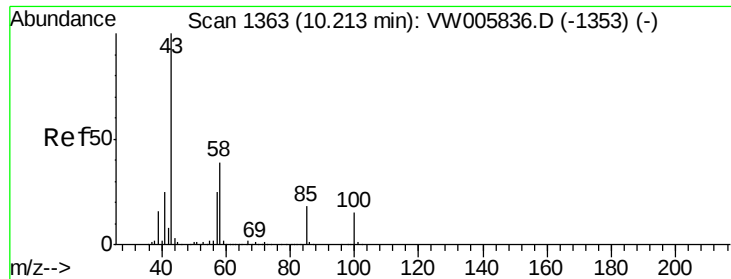
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#50
Toluene-d8
Concen: 9.800 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	98	Resp	70516
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 44.100 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 53108

Ion Ratio Lower Upper

43 100

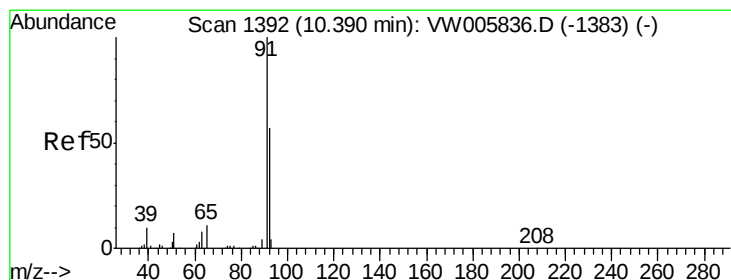
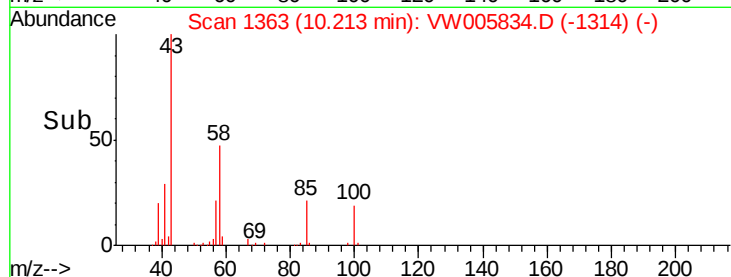
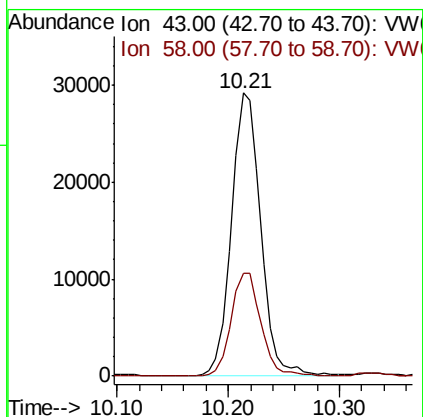
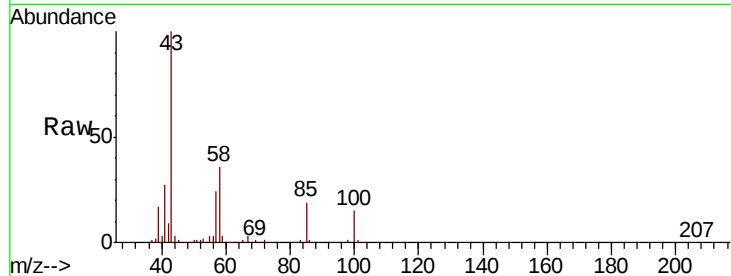
58 37.0 30.6 45.8

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#52

Toluene

Concen: 9.640 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005834.D

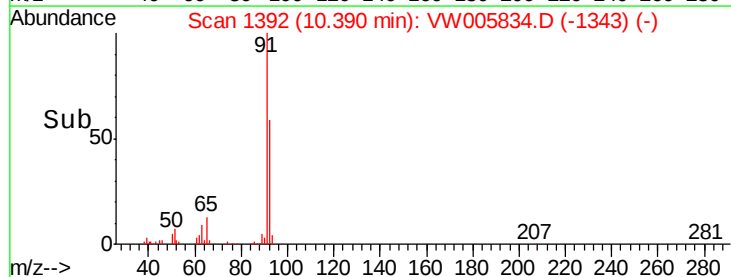
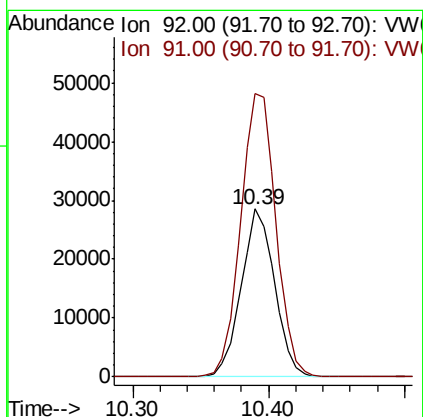
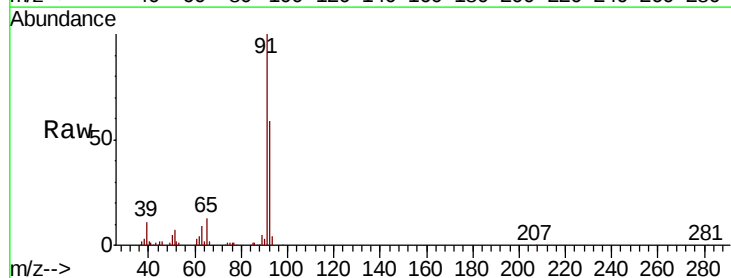
Acq: 04 Oct 2018 03:37

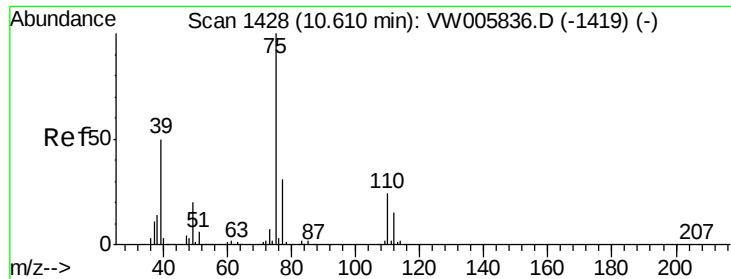
Tgt Ion: 92 Resp: 48753

Ion Ratio Lower Upper

92 100

91 178.8 139.0 208.4





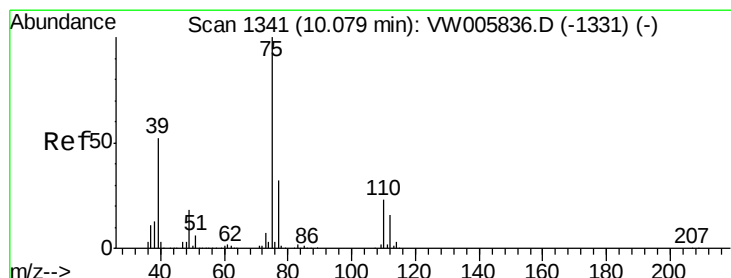
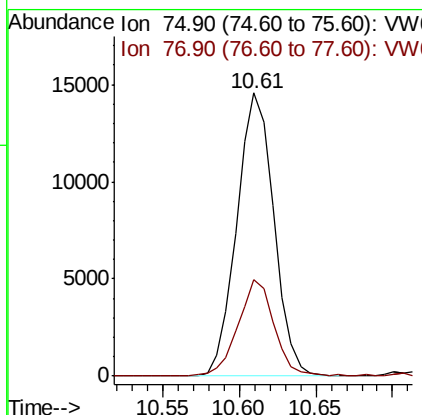
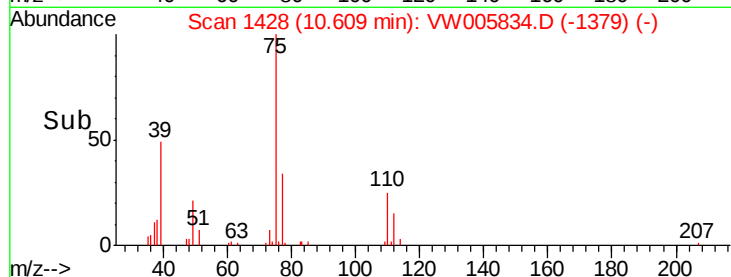
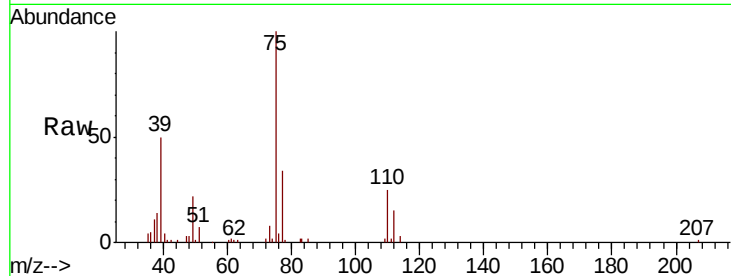
#53
 t-1,3-Dichloropropene
 Concen: 9.138 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 75 Resp: 24505
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.0 37.4

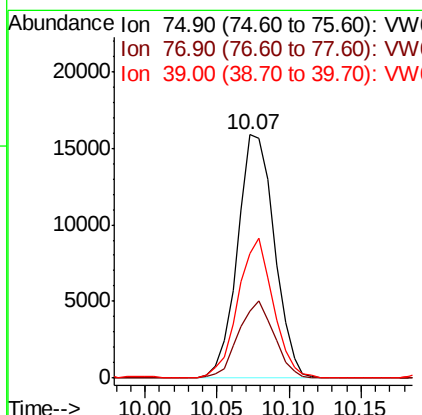
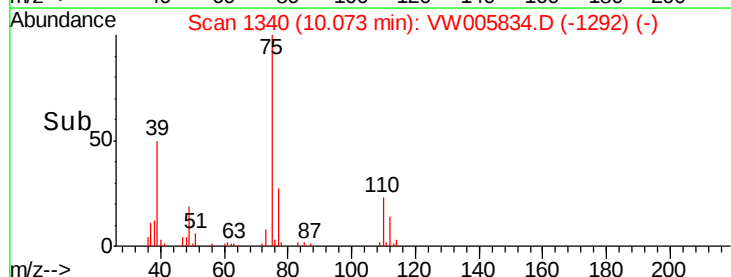
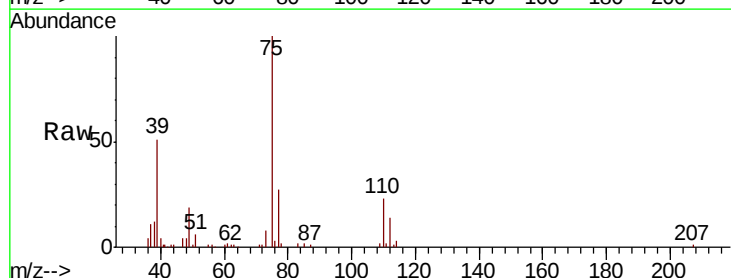
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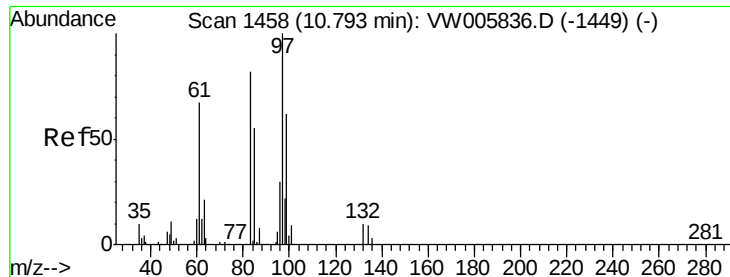
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#54
 cis-1,3-Dichloropropene
 Concen: 9.439 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 75 Resp: 28326
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.4 38.2
 39 50.8 41.9 62.9





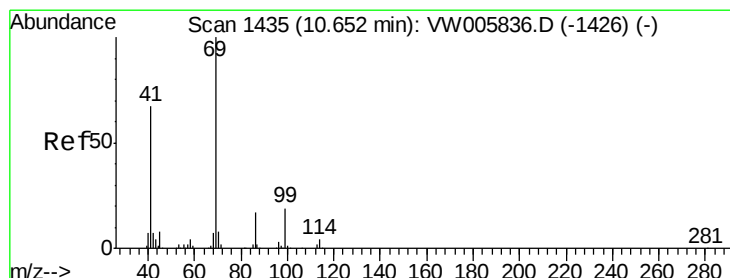
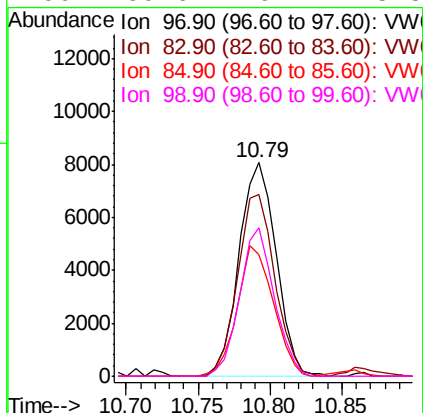
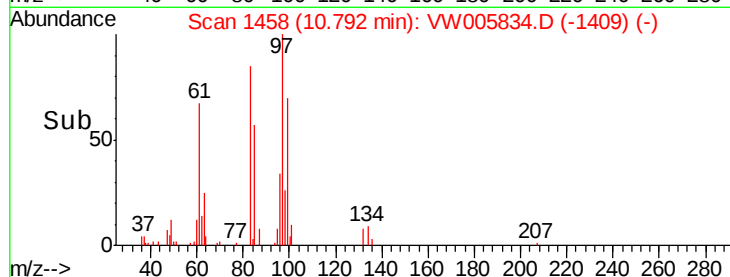
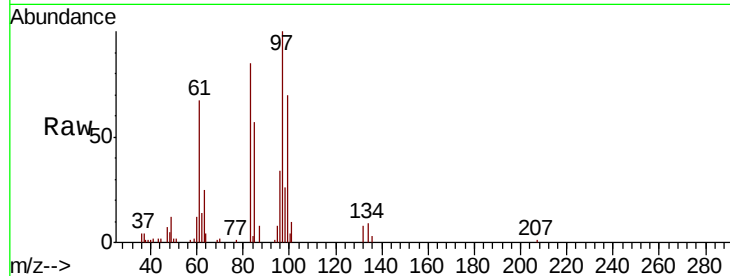
#55
 1,1,2-Trichloroethane
 Concen: 10.048 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	14363
Ion	Ratio	Lower	Upper
97	100		
83	85.2	65.9	98.9
85	56.8	44.2	66.2
99	69.6	49.2	73.8

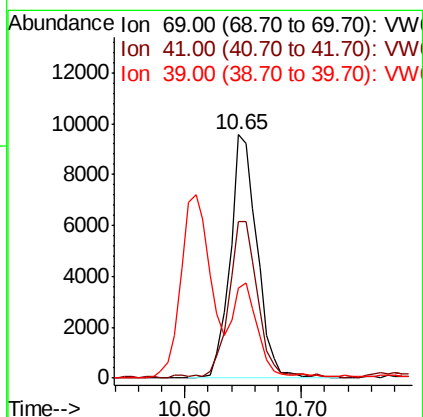
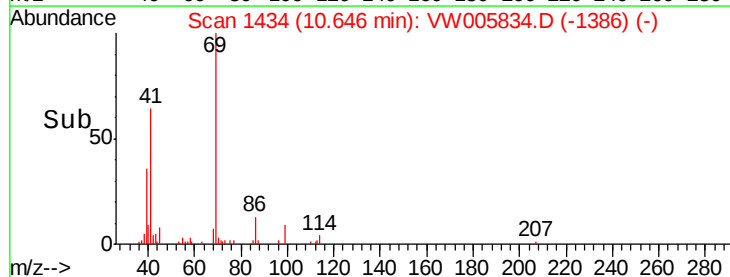
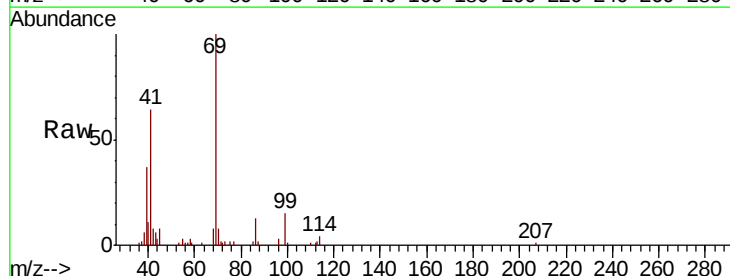
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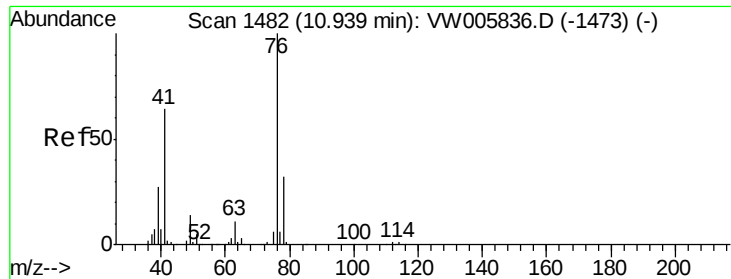
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#56
 Ethyl methacrylate
 Concen: 8.727 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion:	69	Resp:	15389
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.6
39	34.1	29.3	43.9





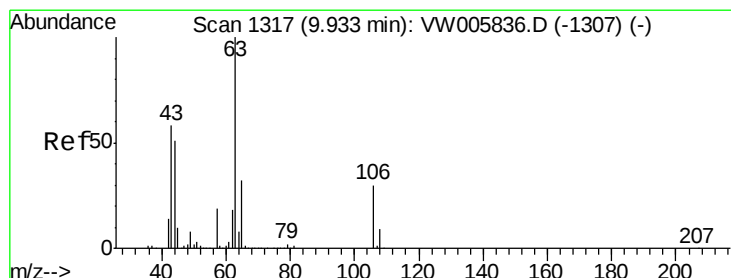
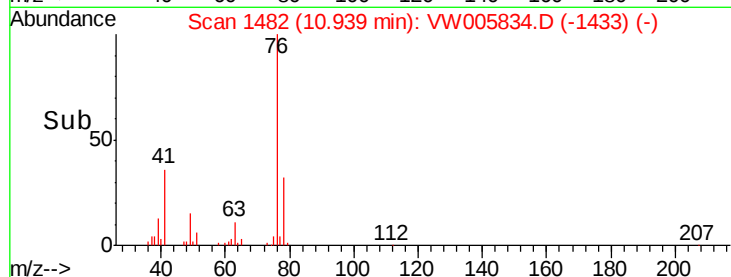
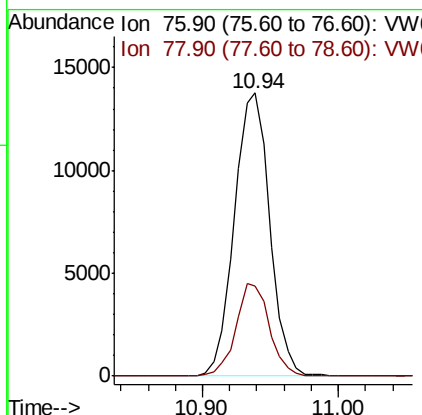
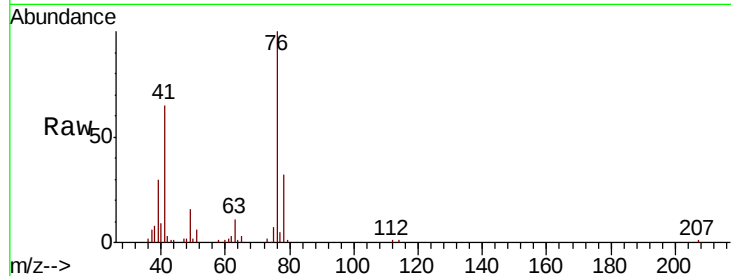
#57
 1,3-Dichloropropane
 Concen: 9.896 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 24942
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.4 38.0

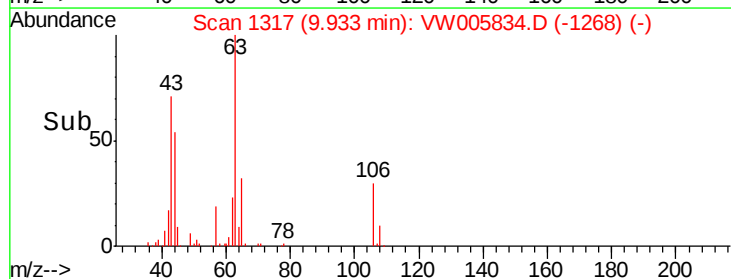
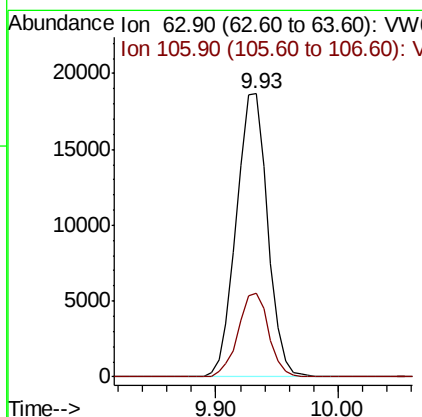
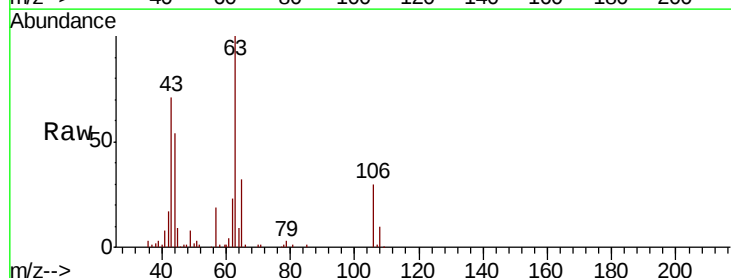
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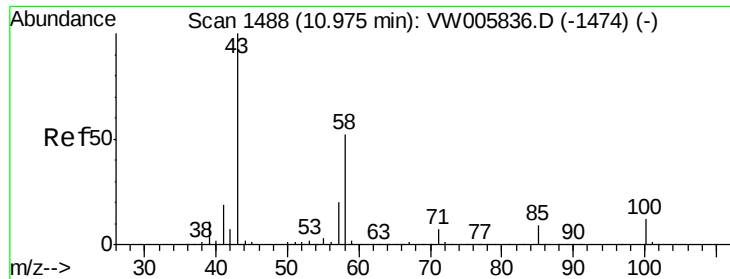
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#58
 2-Chloroethyl Vinyl ether
 Concen: 42.337 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 63 Resp: 33175
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.7 35.5





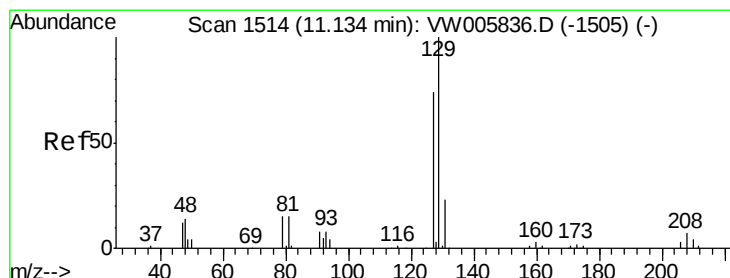
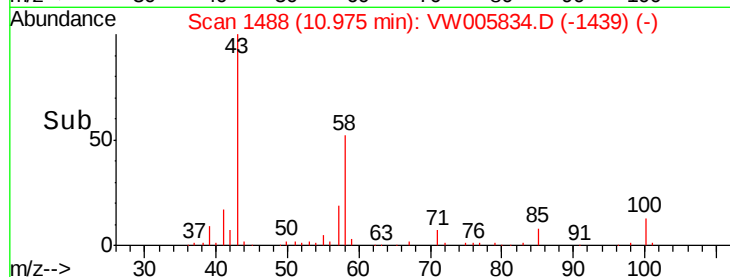
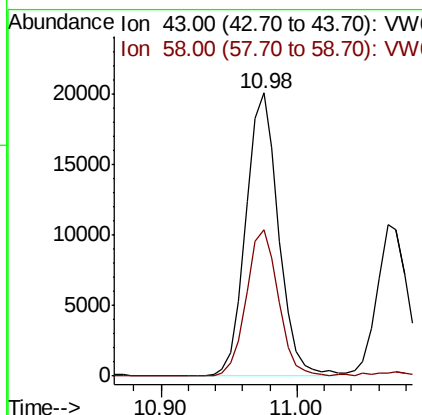
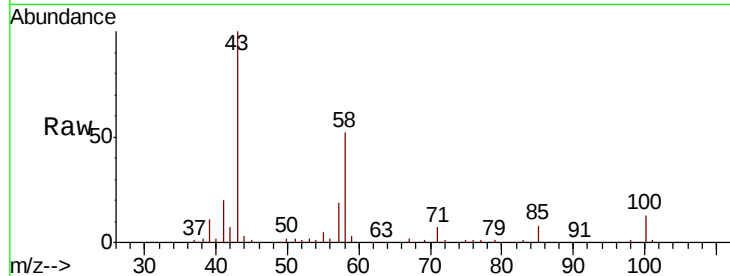
#59
2-Hexanone
Concen: 41.509 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 33878
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7

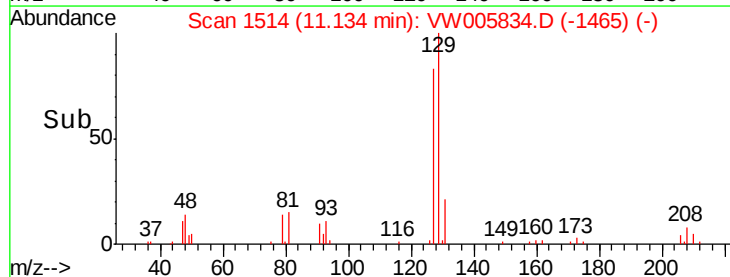
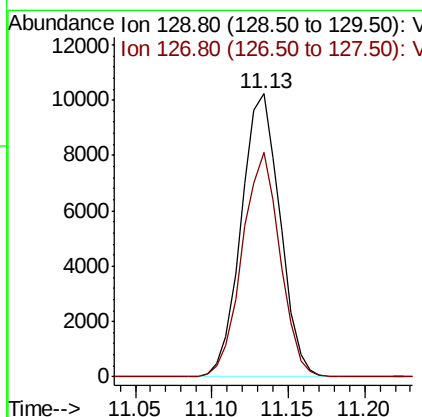
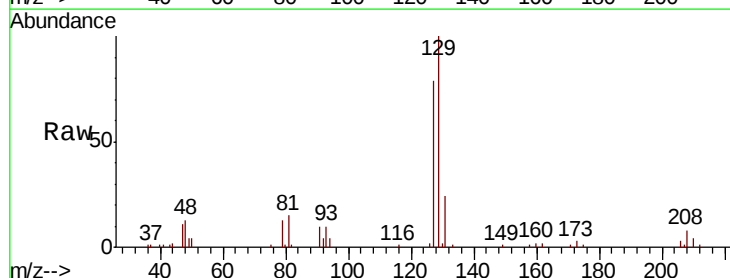
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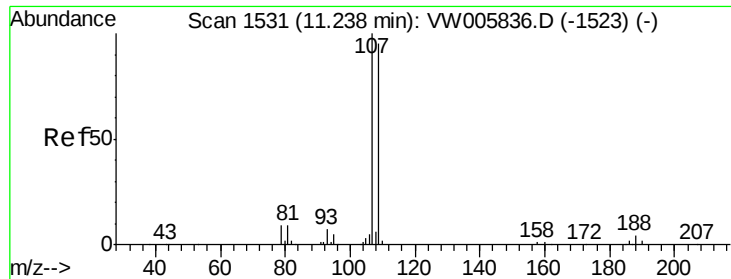
apatel
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#60
Dibromochloromethane
Concen: 10.359 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 129 Resp: 18035
Ion Ratio Lower Upper
129 100
127 77.4 37.2 111.6





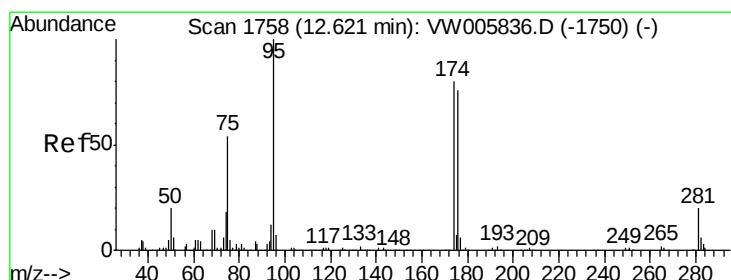
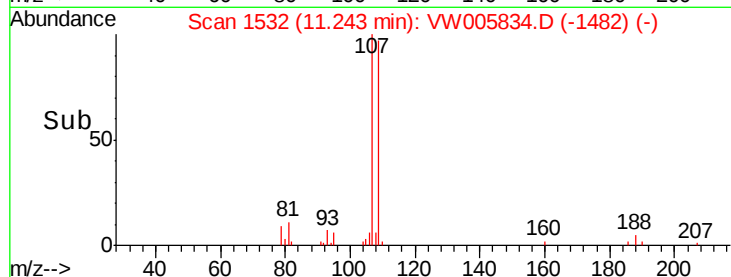
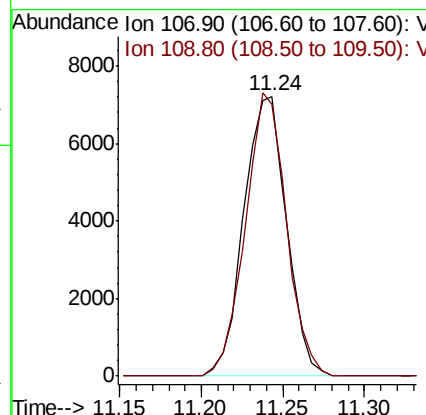
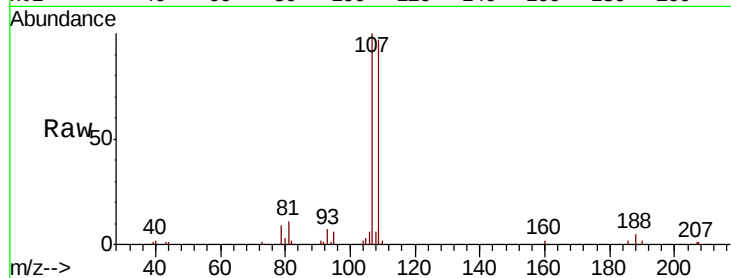
#61
 1,2-Dibromoethane
 Concen: 9.823 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	76.6	114.8

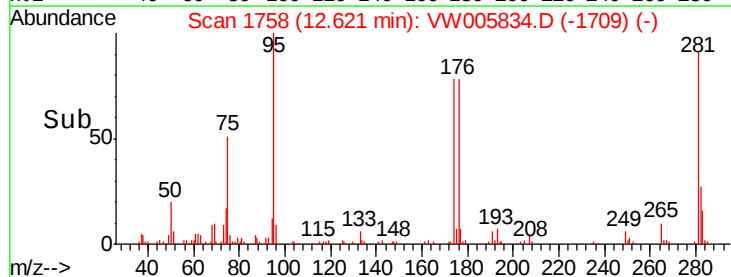
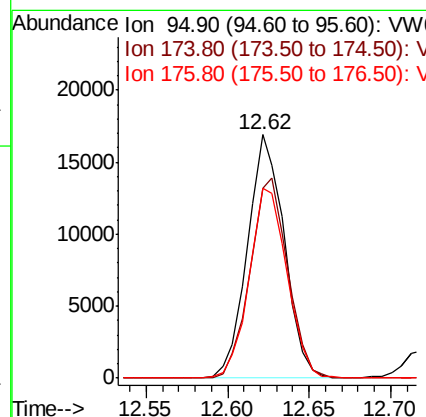
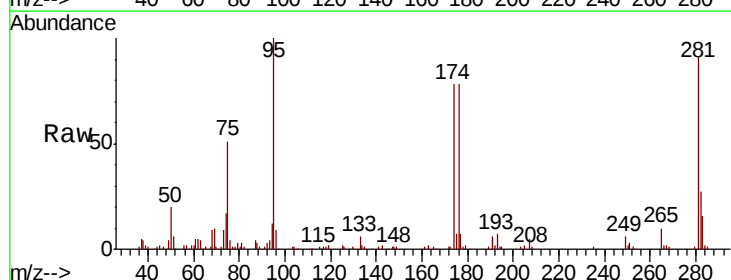
Manual Integrations
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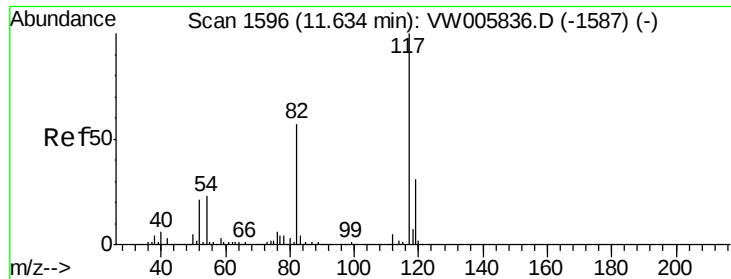
apatel
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#62
 4-Bromofluorobenzene
 Concen: 9.914 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	169.0
176	80.7	0.0	164.2





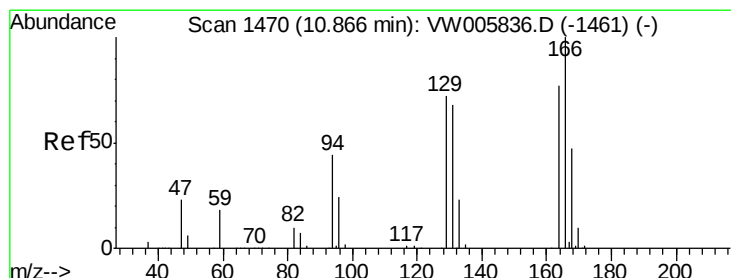
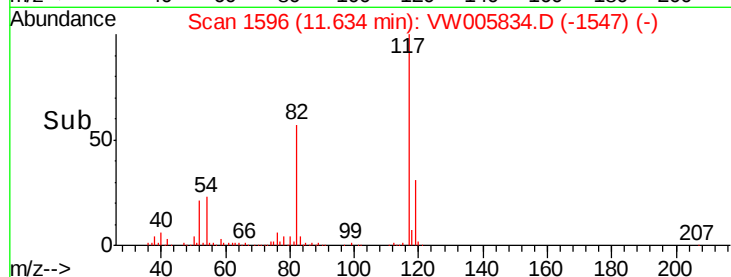
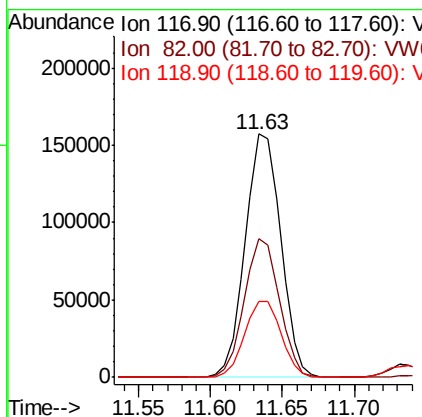
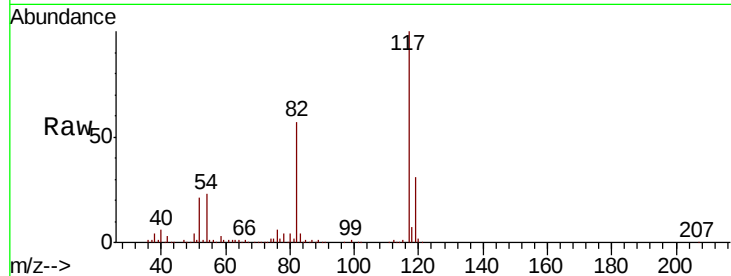
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.6	68.4
119	31.2	25.0	37.6

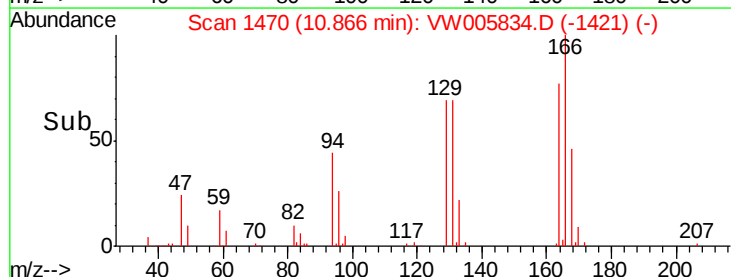
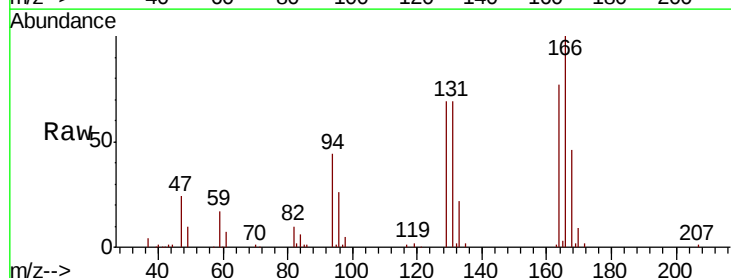
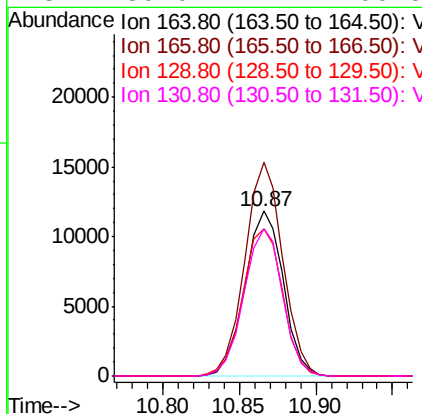
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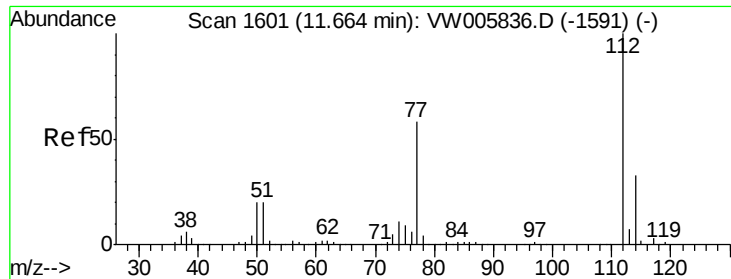
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#64
Tetrachloroethene
Concen: 10.602 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	104.0	156.0
129	89.1	74.8	112.2
131	89.0	71.2	106.8





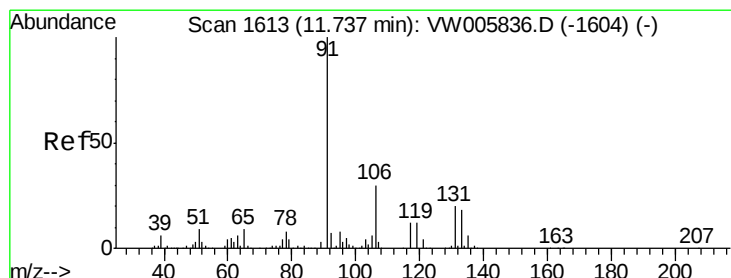
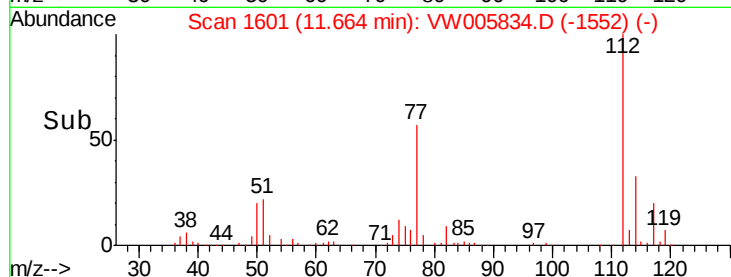
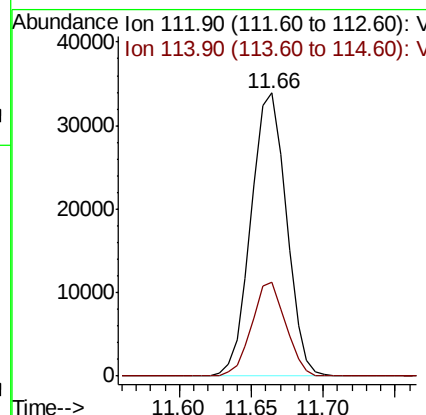
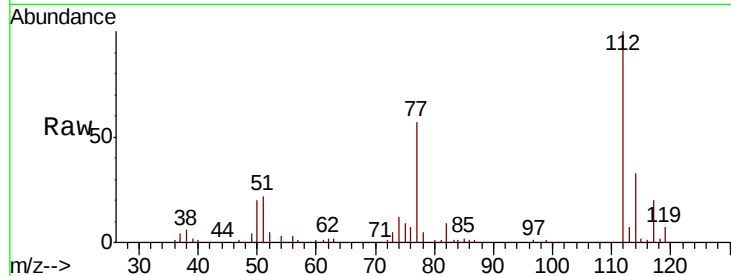
#65
Chlorobenzene
Concen: 10.019 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:112 Resp: 57611
Ion Ratio Lower Upper
112 100
114 33.1 26.1 39.1

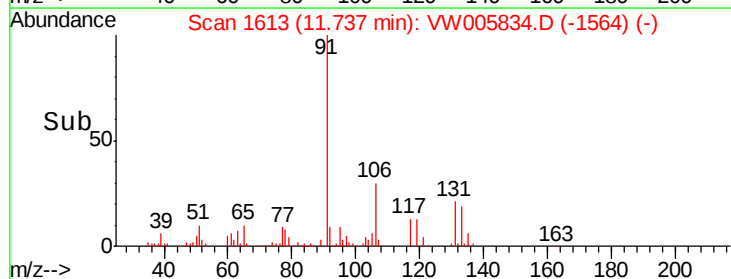
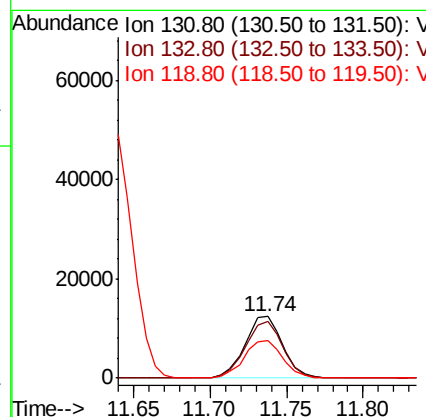
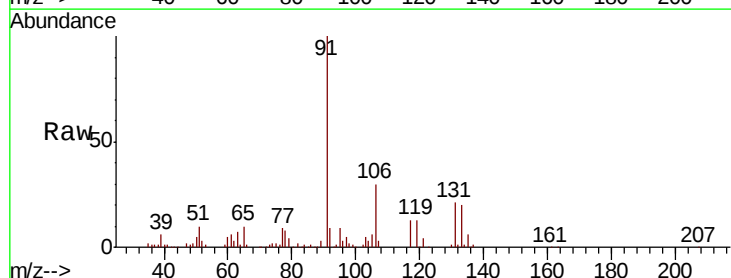
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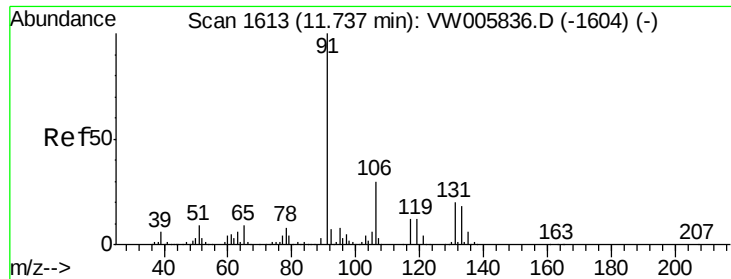
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.138 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:131 Resp: 21125
Ion Ratio Lower Upper
131 100
133 92.1 47.0 141.0
119 62.1 30.4 91.2





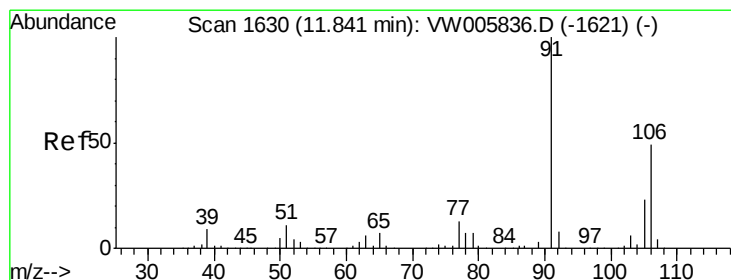
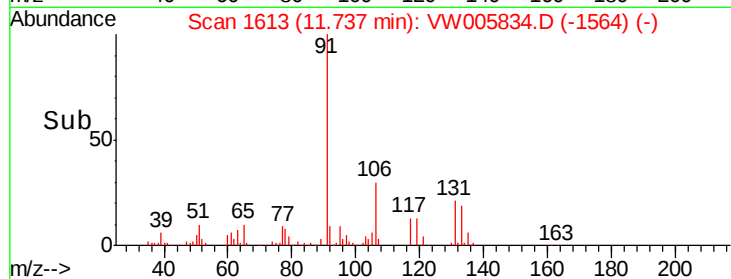
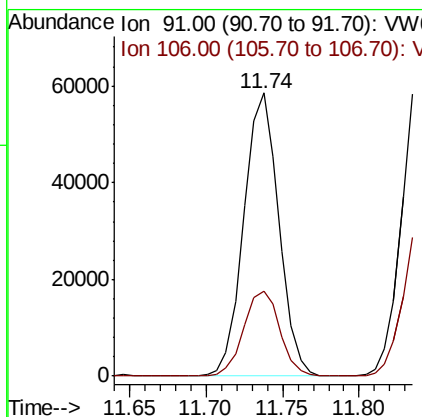
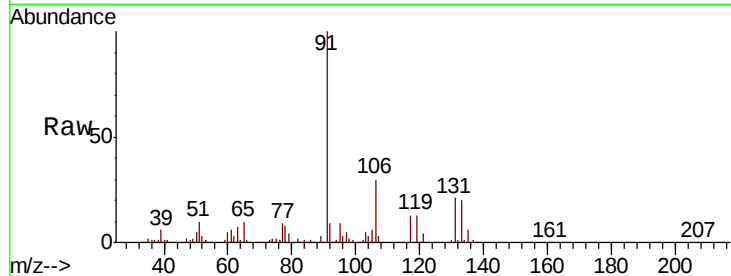
#67
Ethyl Benzene
Concen: 9.143 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 93047
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

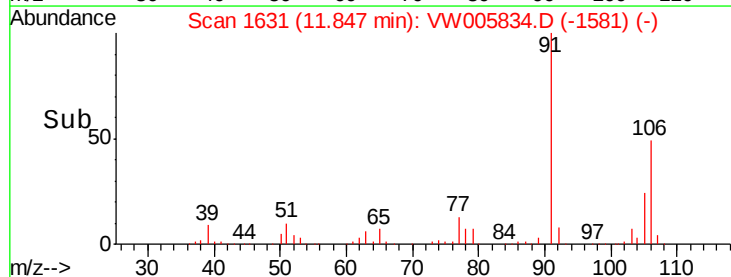
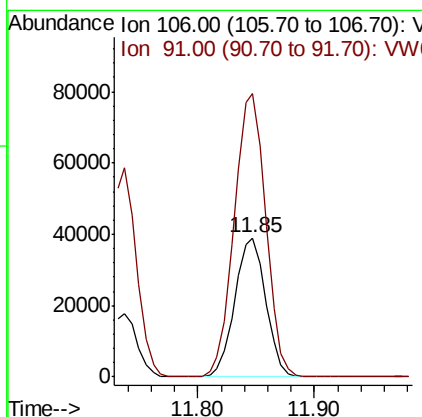
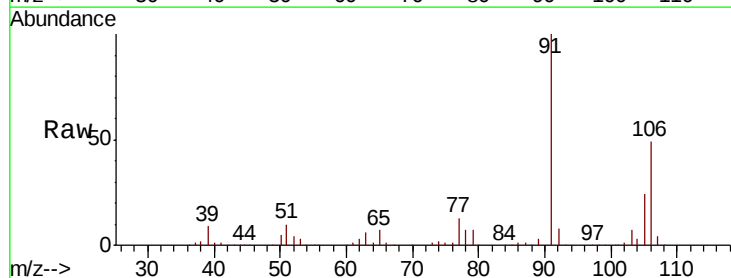
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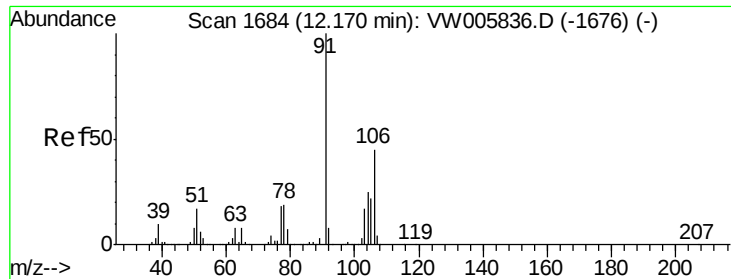
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#68
m/p-Xylenes
Concen: 18.768 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion: 106 Resp: 72410
Ion Ratio Lower Upper
106 100
91 207.4 165.4 248.0





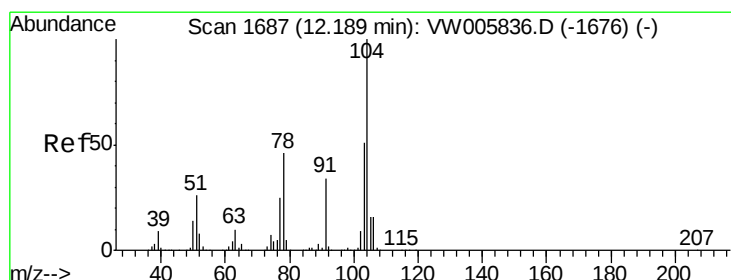
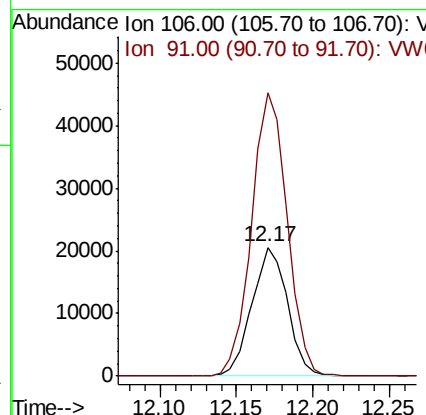
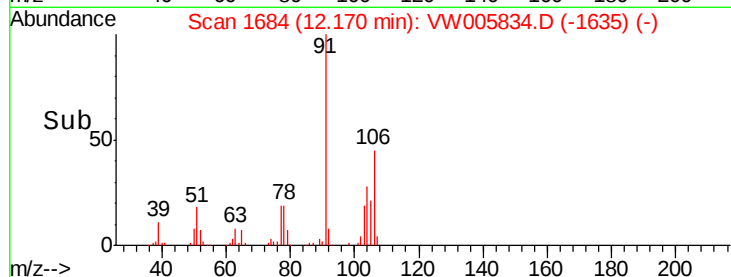
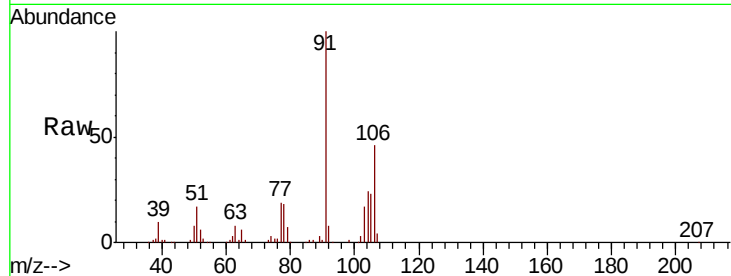
#69
o-Xylene
Concen: 9.224 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 33299
Ion Ratio Lower Upper
106 100
91 220.5 109.7 329.1

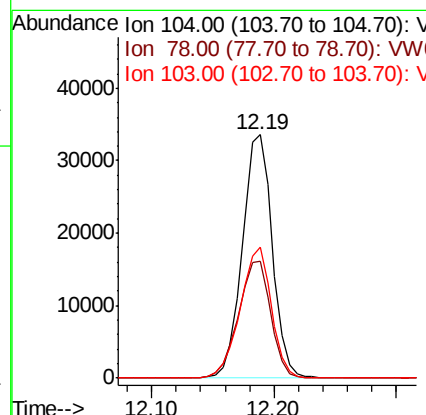
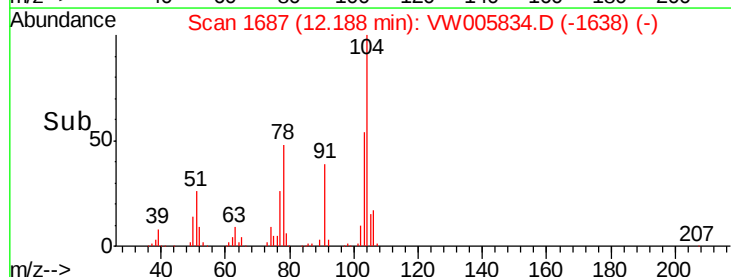
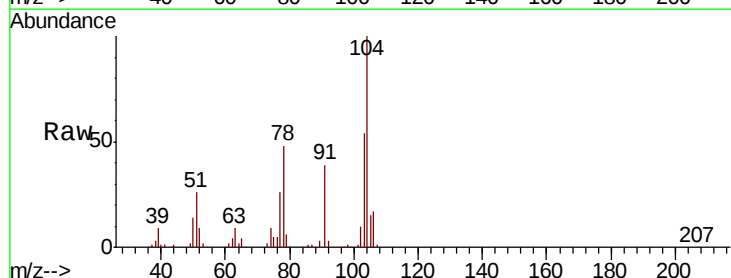
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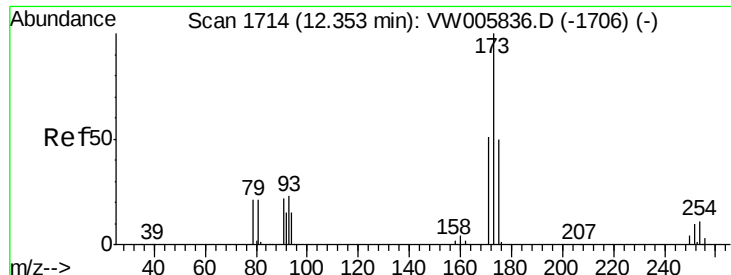
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#70
Styrene
Concen: 9.349 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion:104 Resp: 56790
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 55.9 44.9 67.3





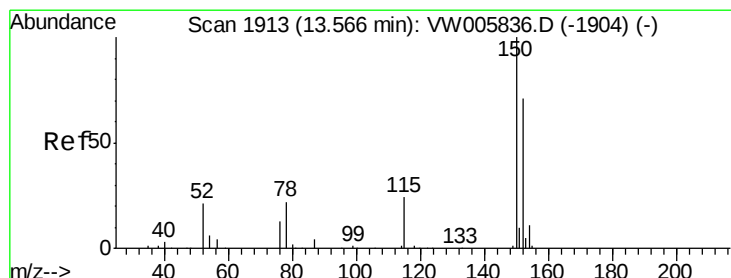
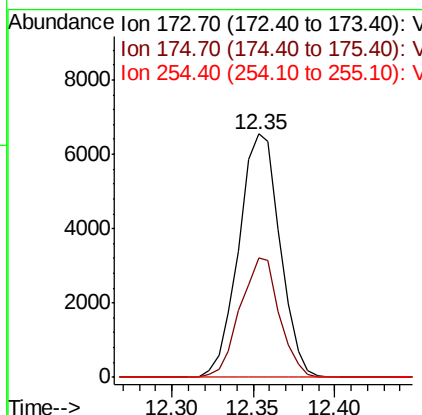
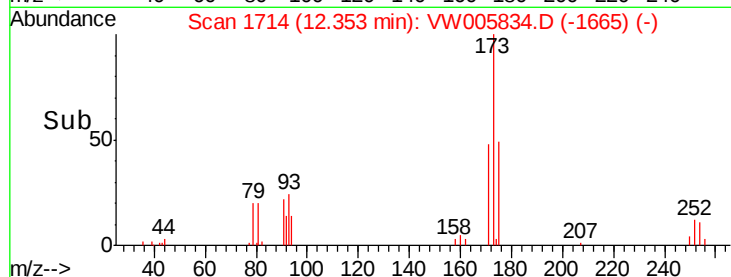
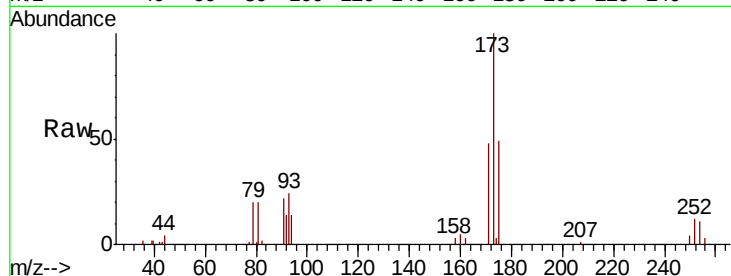
#71
Bromoform
Concen: 10.325 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.3	72.9
254	0.0	0.1	0.1#

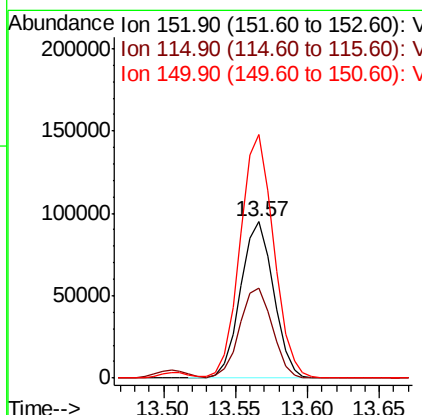
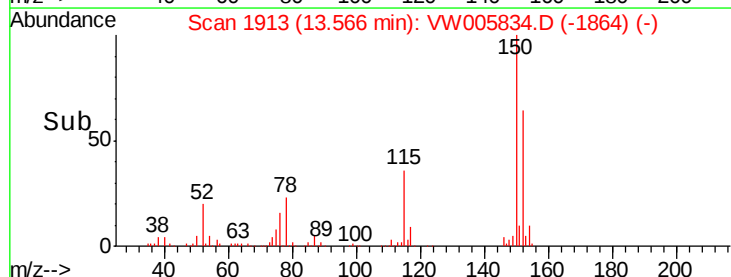
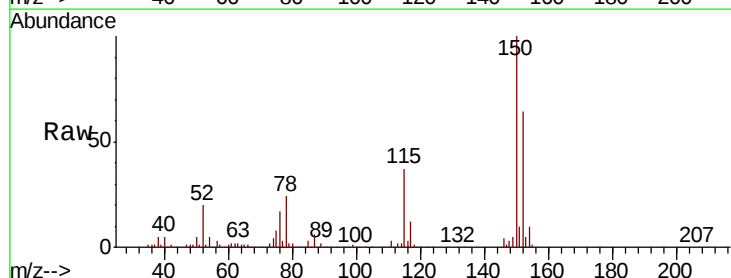
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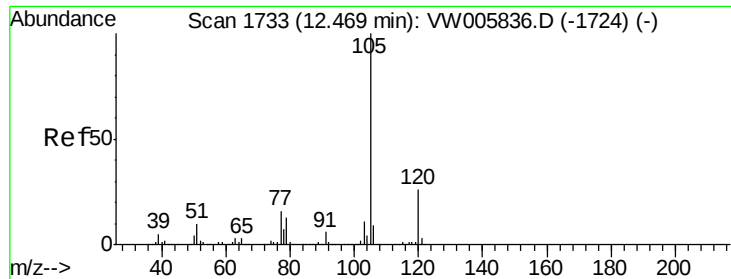
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.8	89.4
150	158.8	0.0	349.4





#73

Isopropylbenzene

Concen: 8.866 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 92444

Ion Ratio Lower Upper

105 100

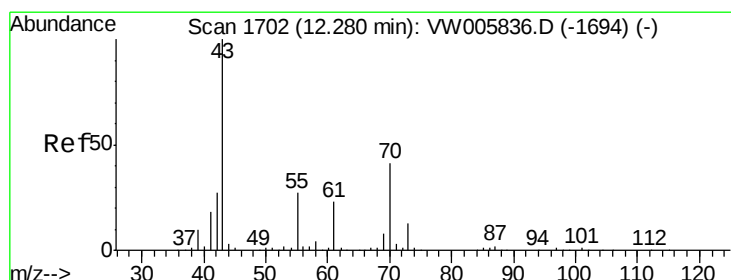
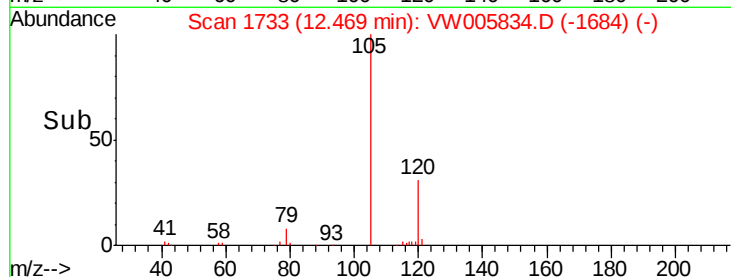
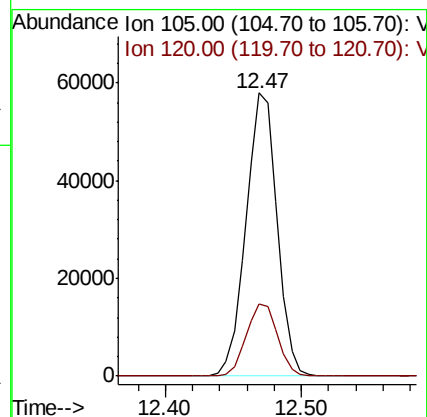
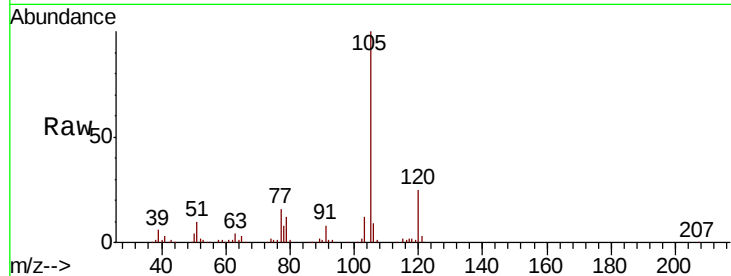
120 25.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 7.786 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion: 43 Resp: 18435

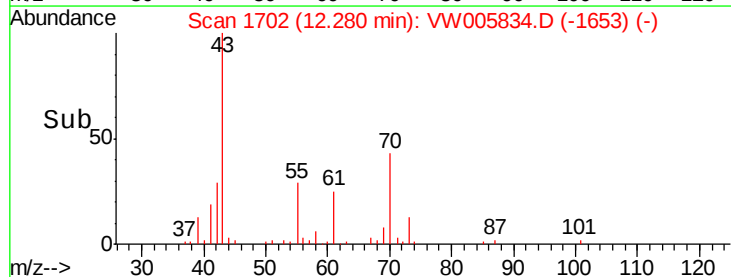
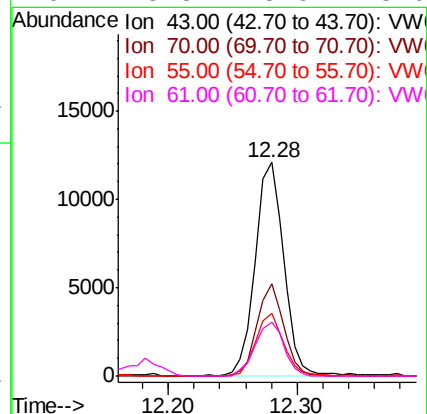
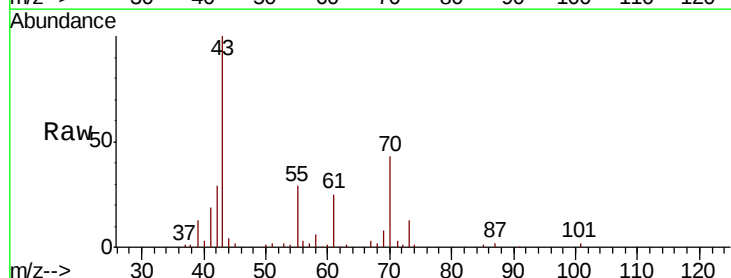
Ion Ratio Lower Upper

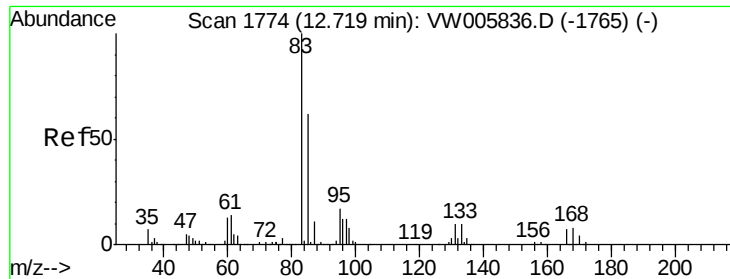
43 100

70 40.2 33.6 50.4

55 28.5 21.8 32.6

61 25.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 9.142 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

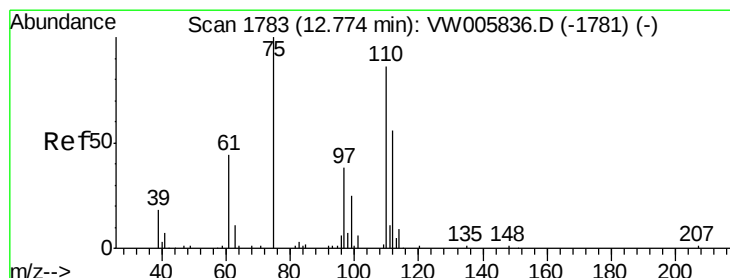
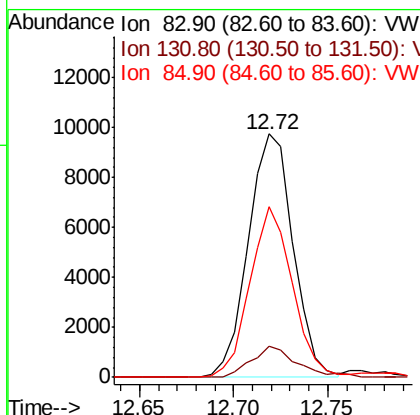
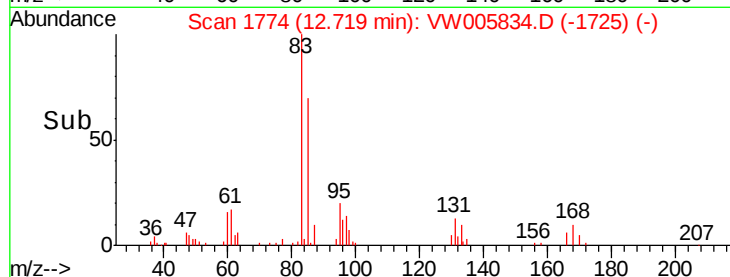
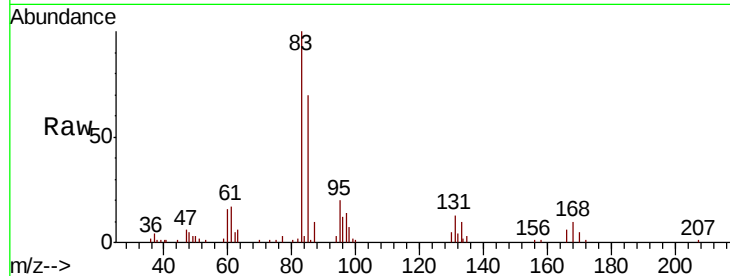
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	16038
Ion Ratio	Lower	Upper	
83	100		
131	13.0	5.9	17.6
85	66.5	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 9.258 ug/l m

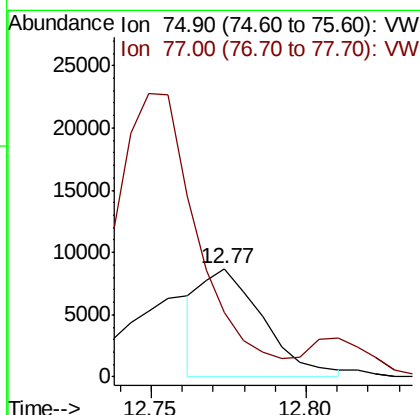
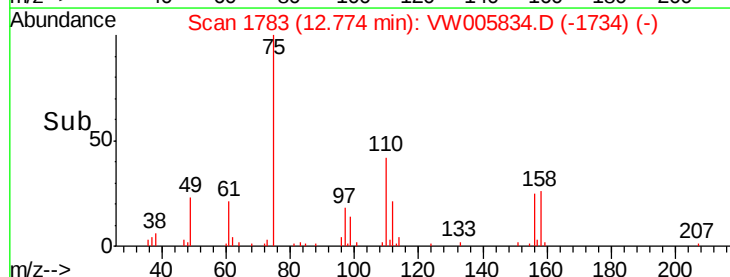
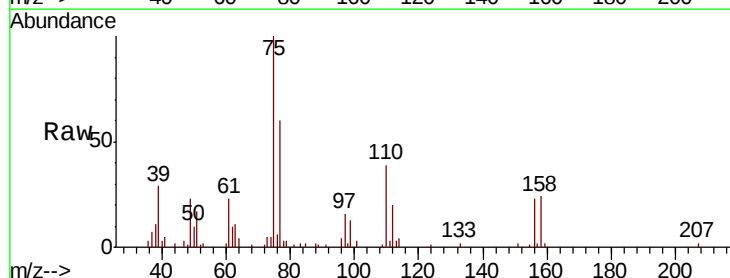
RT: 12.77 min Scan# 1783

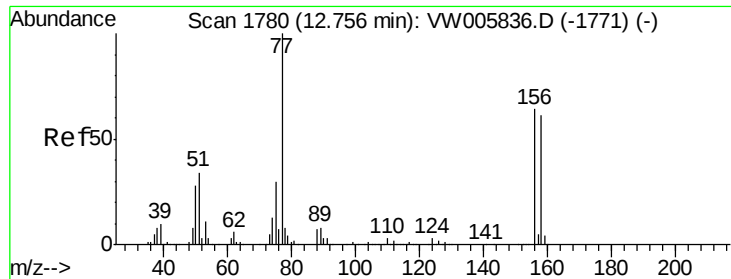
Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	75	Resp:	12055
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.672 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 23888

Ion Ratio Lower Upper

156 100

77 179.9 91.0 273.1

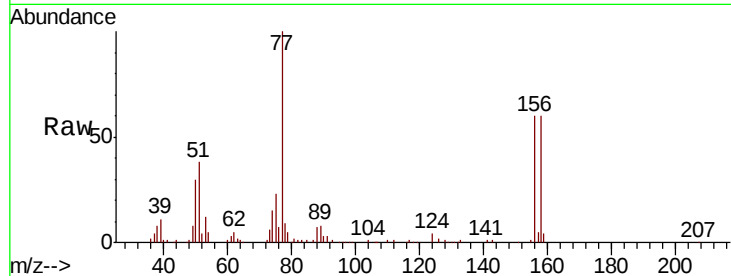
158 98.9 48.4 145.2

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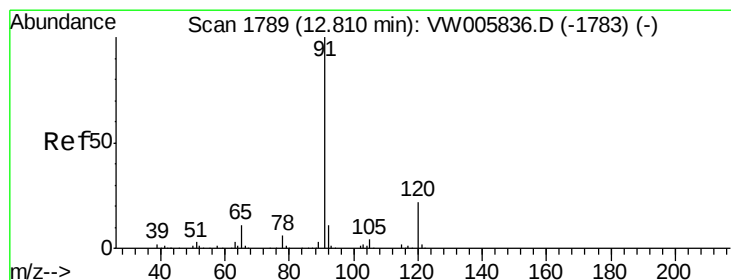
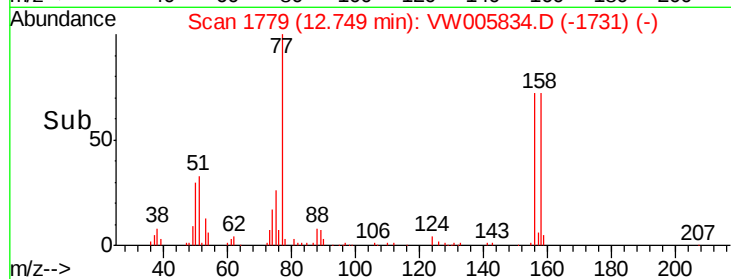
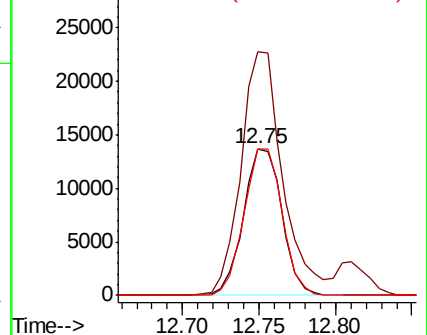
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 8.847 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005834.D

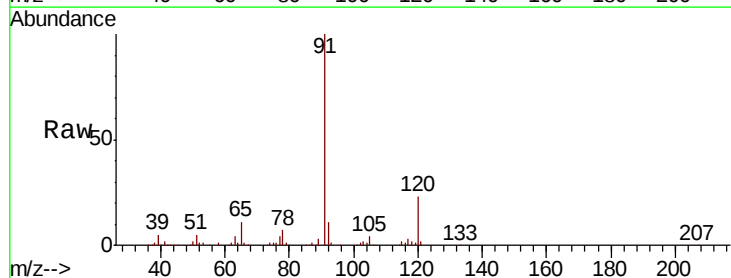
Acq: 04 Oct 2018 03:37

Tgt Ion: 91 Resp: 111382

Ion Ratio Lower Upper

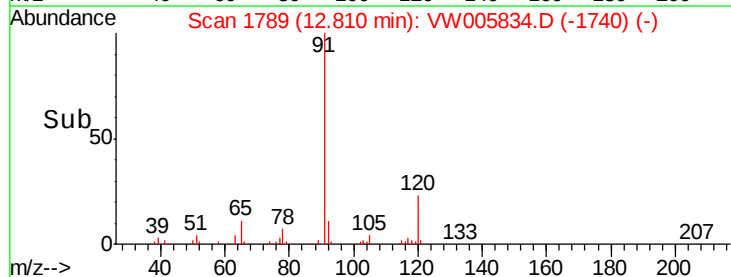
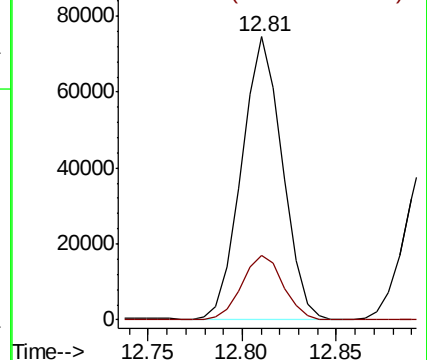
91 100

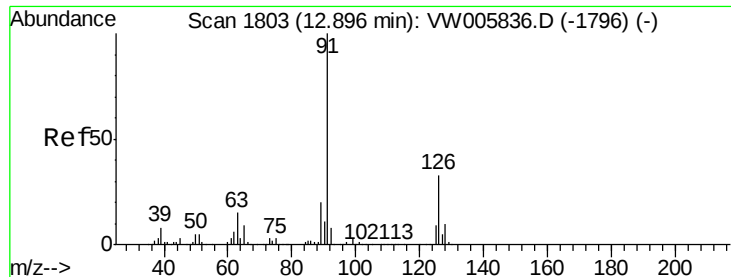
120 23.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





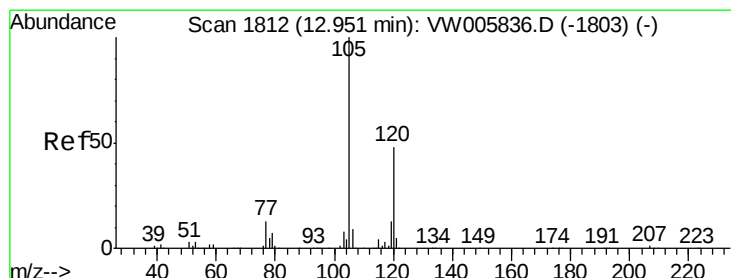
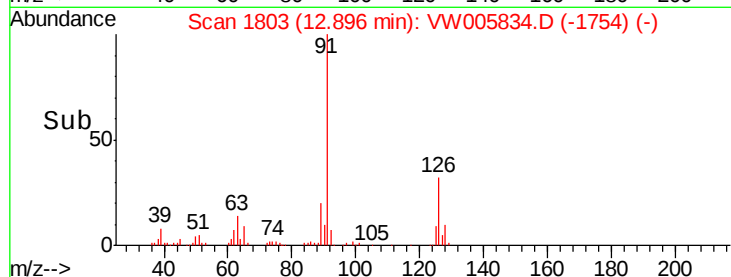
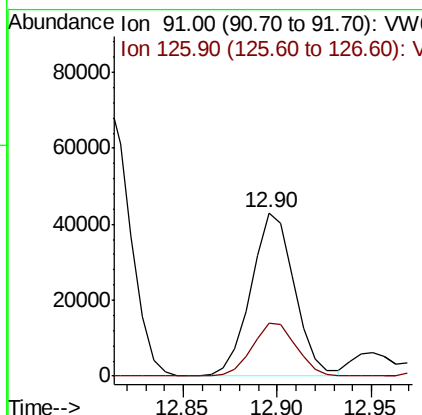
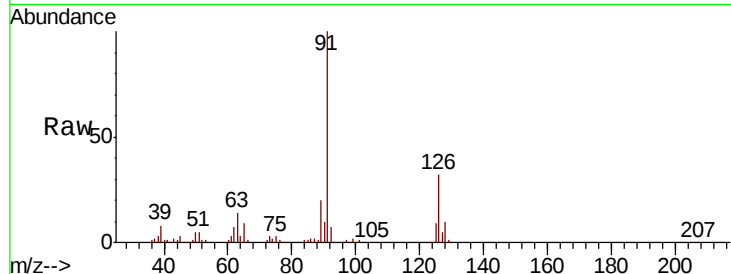
#79
 2-Chlorotoluene
 Concen: 9.384 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 91 Resp: 68660
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8

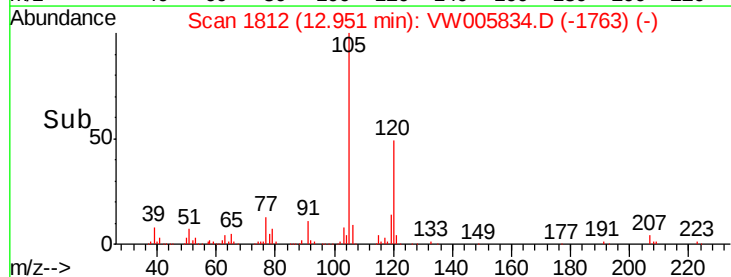
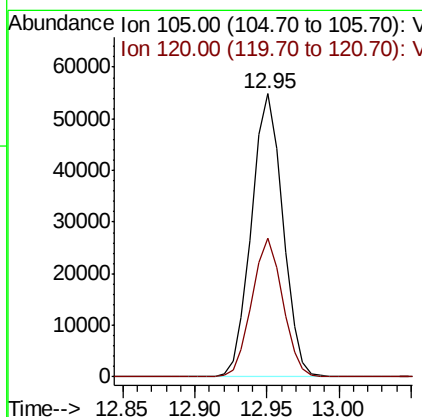
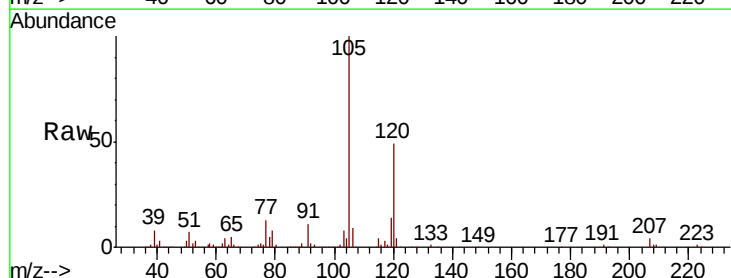
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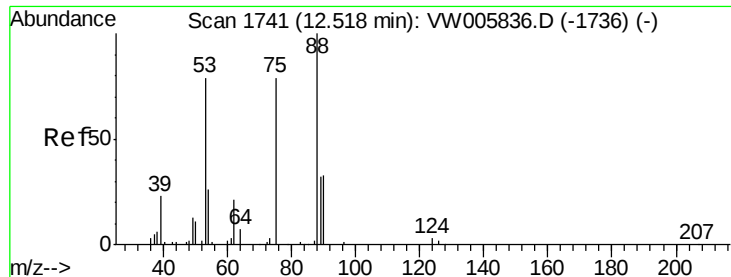
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 9.045 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion: 105 Resp: 82071
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.8 71.2





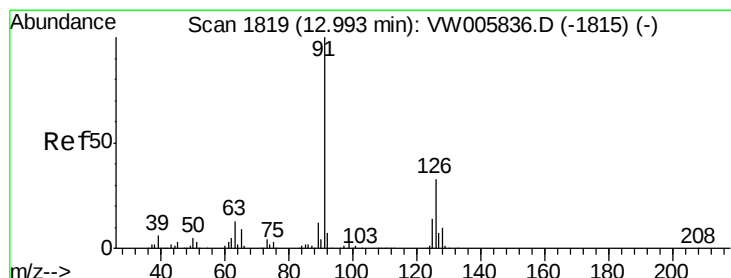
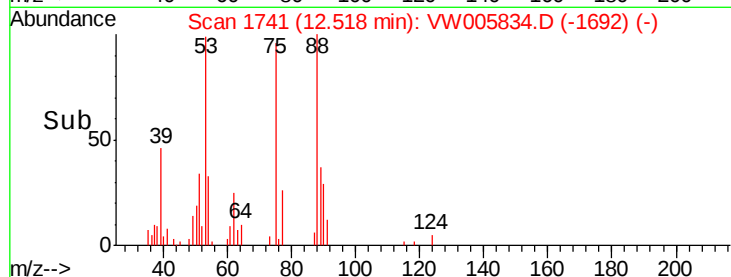
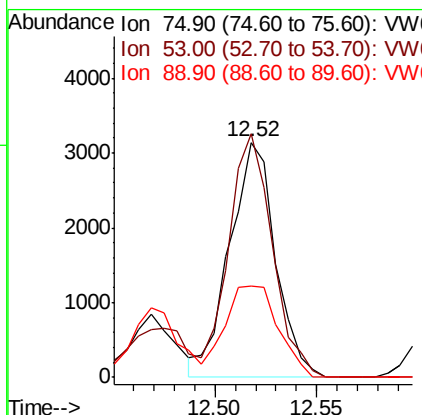
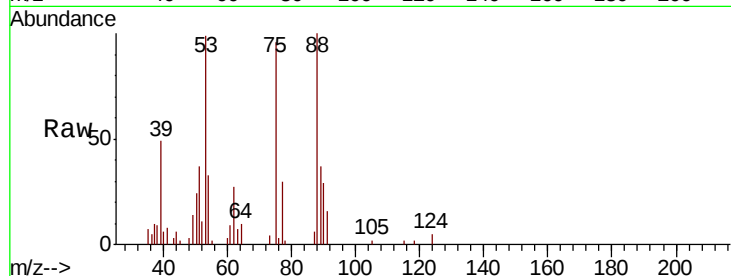
#81
trans-1,4-Dichloro-2-butene
Concen: 8.578 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	83.7	125.5
89	45.3	37.5	56.3

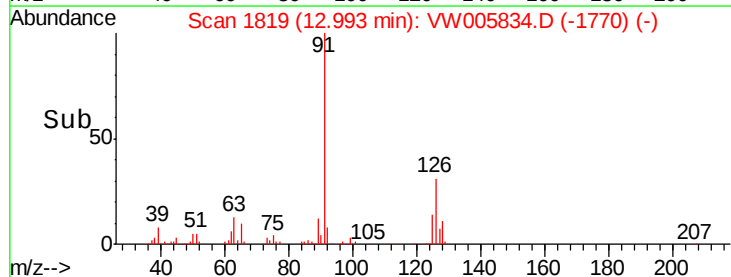
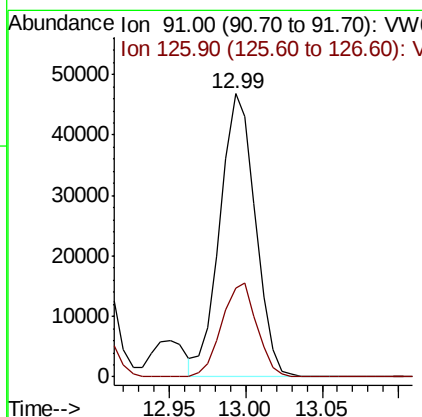
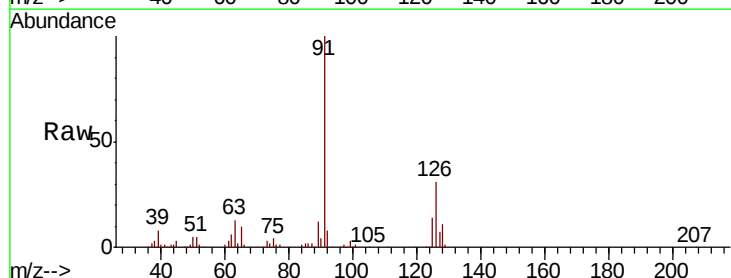
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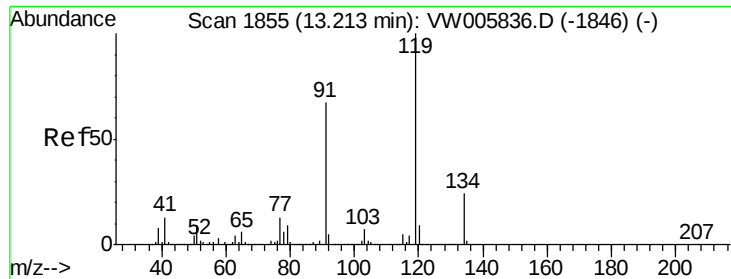
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#82
4-Chlorotoluene
Concen: 9.751 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.7	50.0





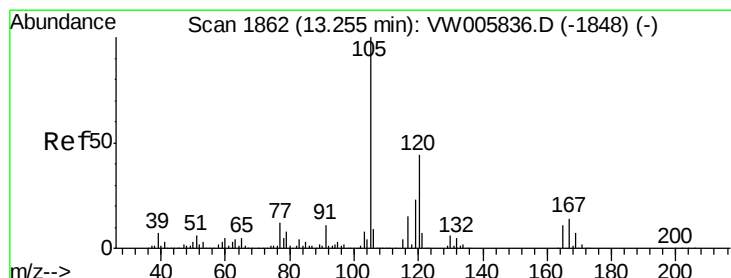
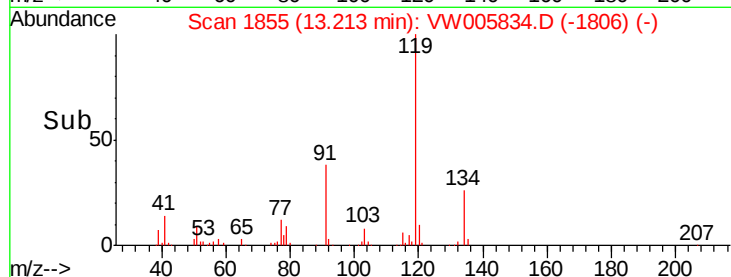
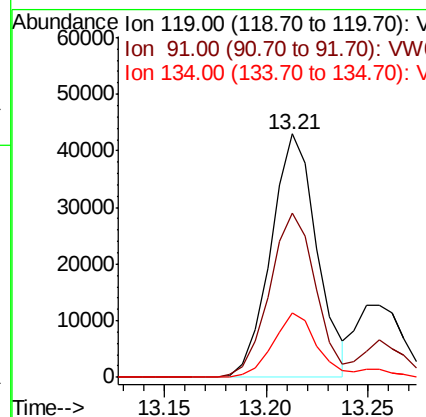
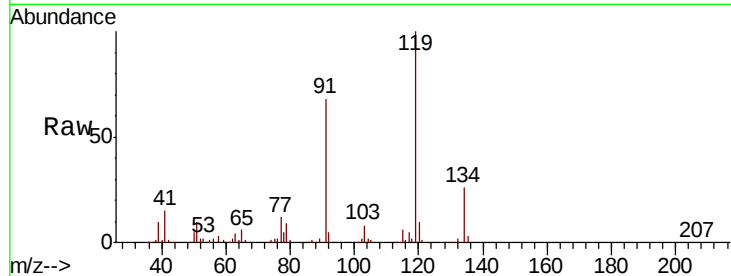
#83
tert-Butylbenzene
Concen: 8.877 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.4	100.2
134	25.3	12.8	38.3

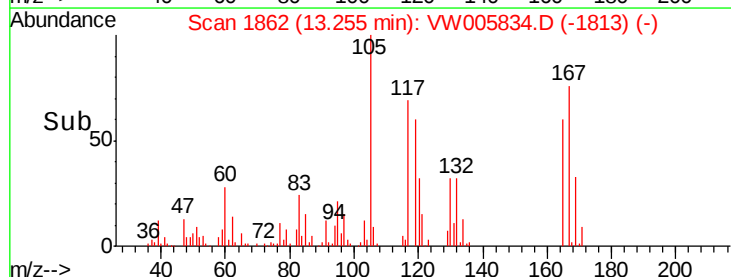
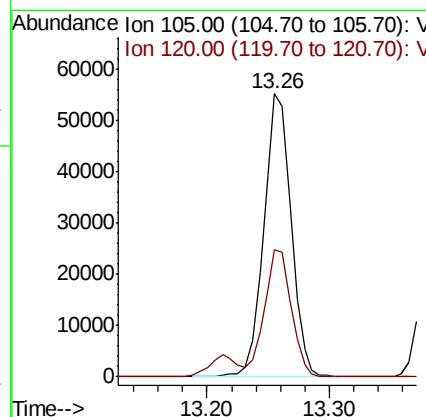
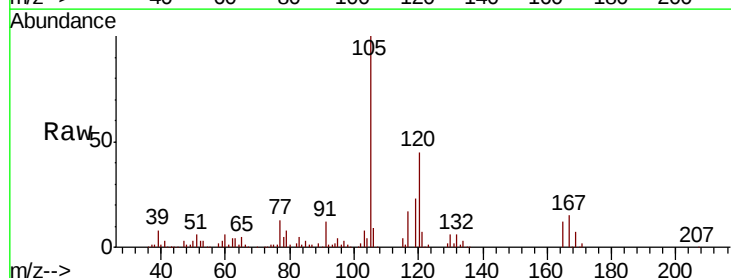
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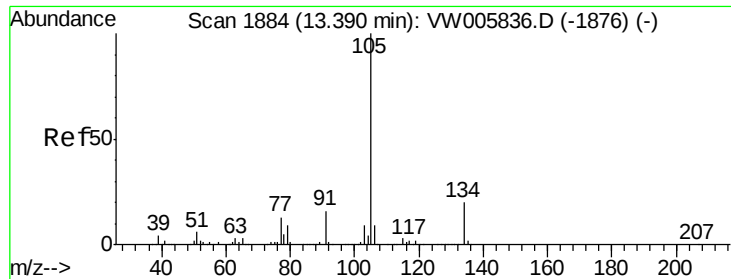
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#84
1,2,4-Trimethylbenzene
Concen: 9.388 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.9	65.7





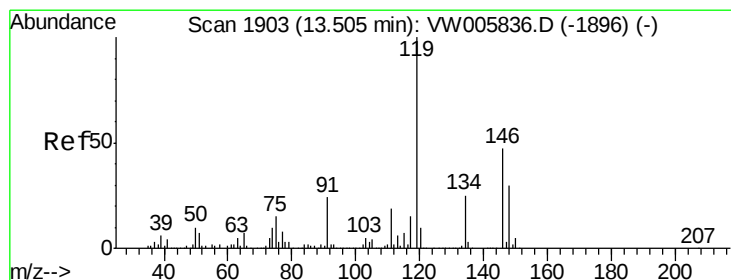
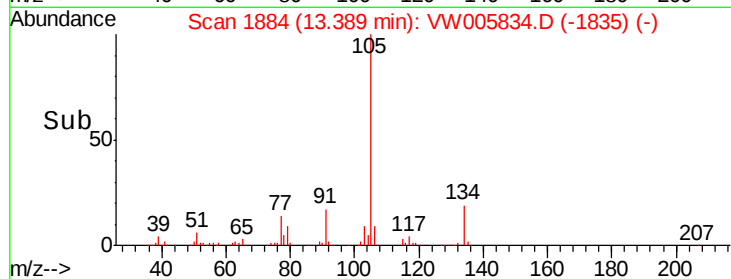
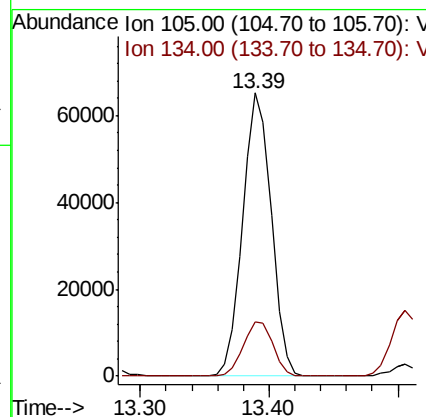
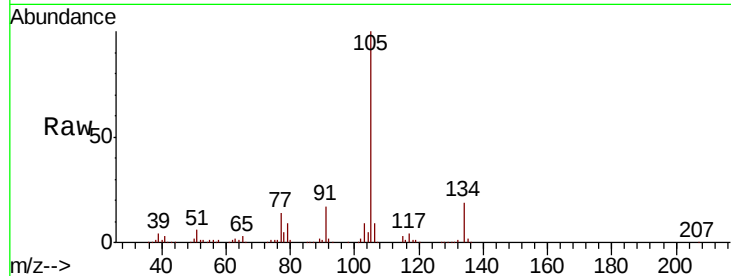
#85
 sec-Butylbenzene
 Concen: 9.085 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.0	30.0

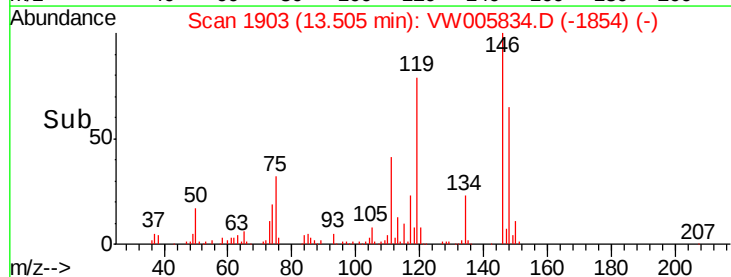
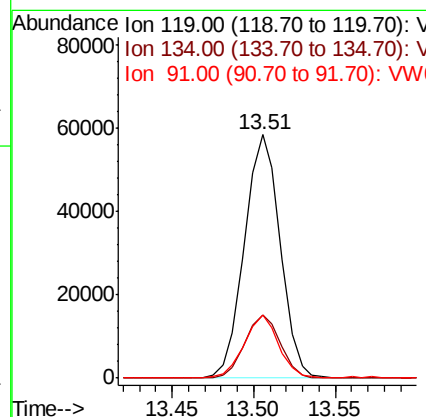
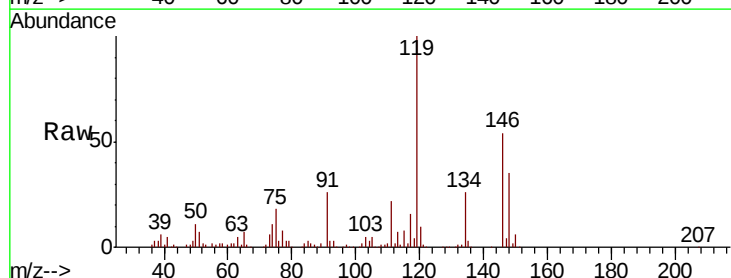
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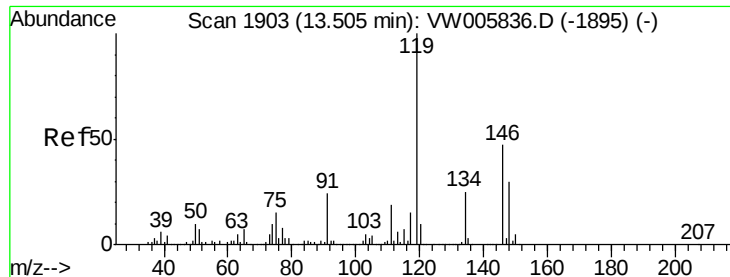
apatel
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#86
 p-Isopropyltoluene
 Concen: 9.033 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.0
91	25.3	11.9	35.9





#87

1,3-Dichlorobenzene

Concen: 9.812 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

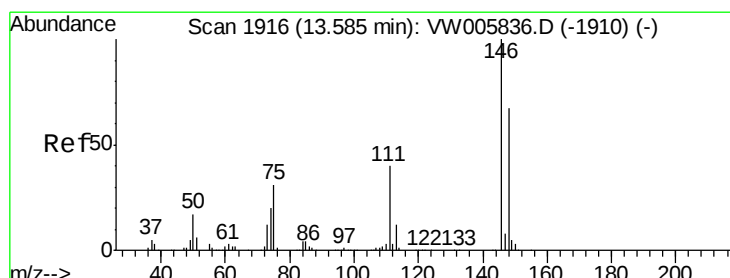
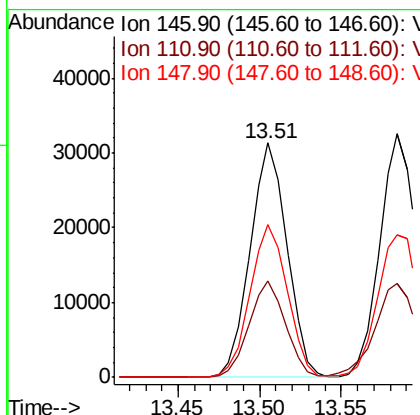
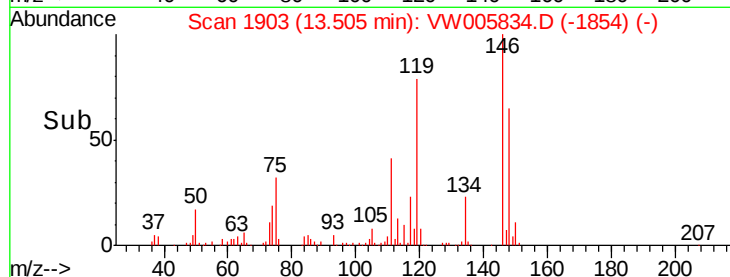
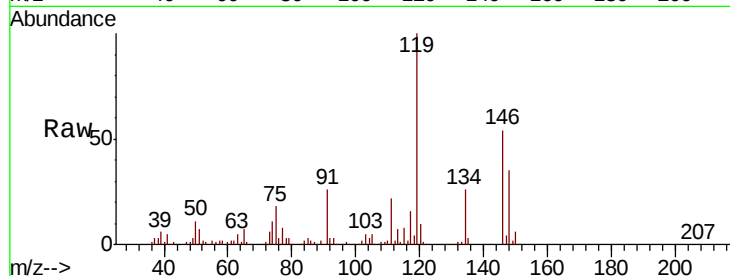
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	65.9	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 10.190 ug/l

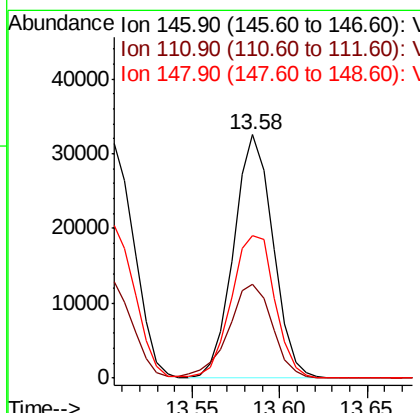
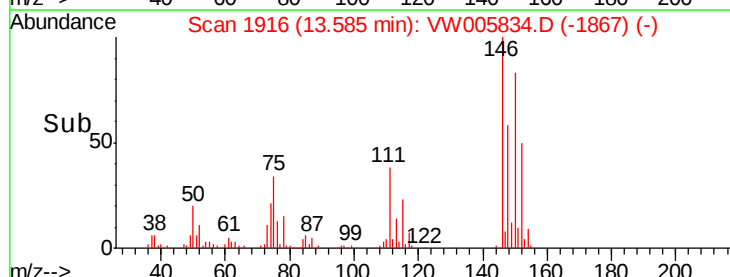
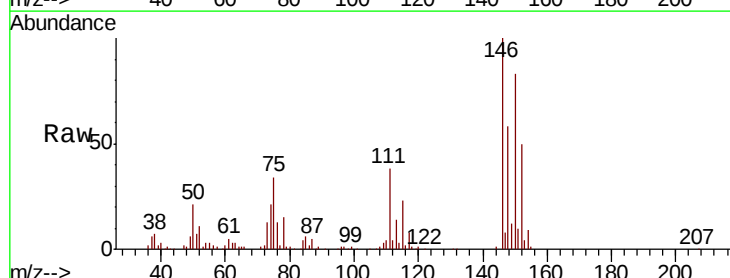
RT: 13.58 min Scan# 1916

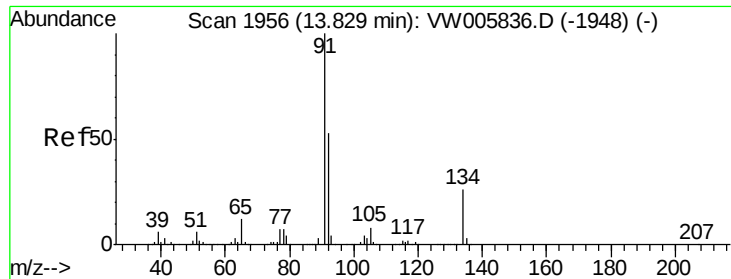
Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.7	59.1
148	64.8	32.1	96.5





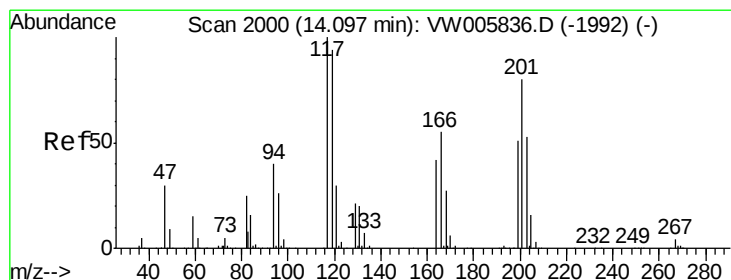
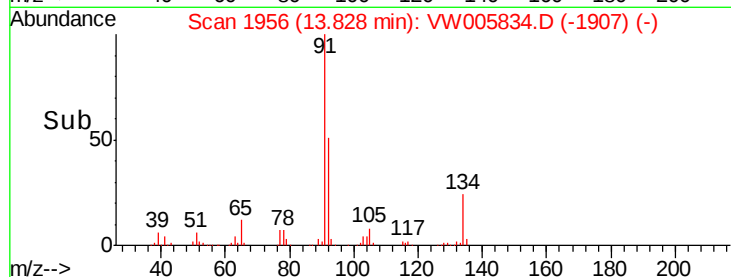
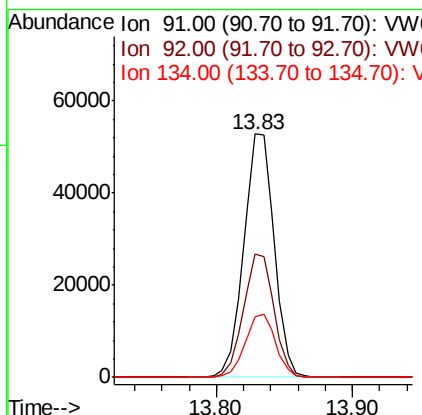
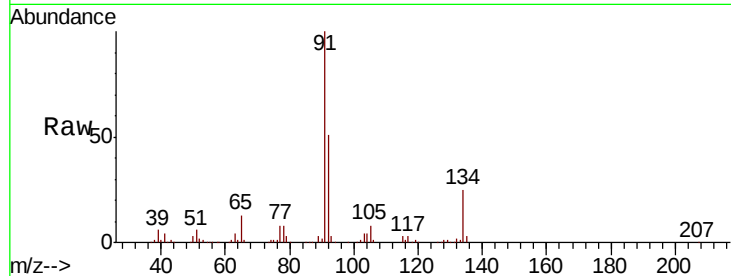
#89
n-Butylbenzene
Concen: 8.897 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.2	78.5
134	25.7	13.1	39.1

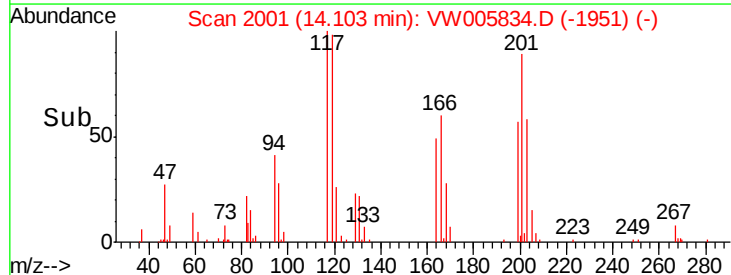
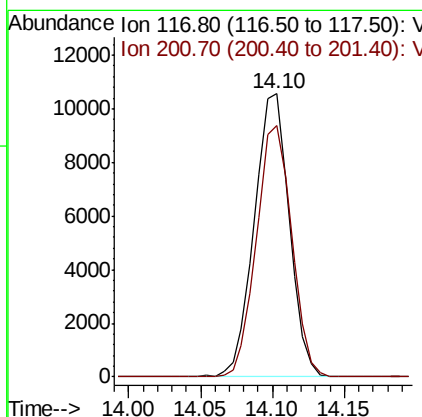
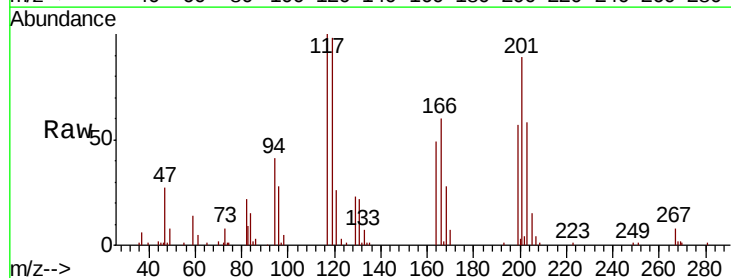
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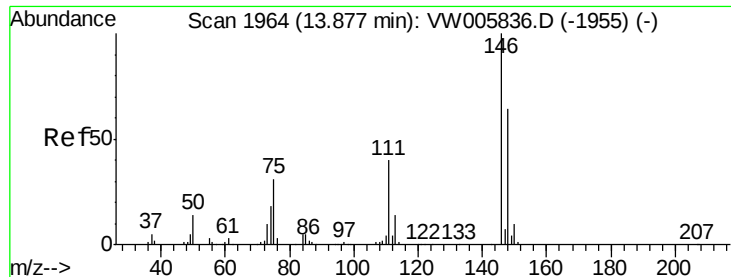
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#90
Hexachloroethane
Concen: 9.881 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005834.D
Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	43.7	131.1





#91

1,2-Dichlorobenzene

Concen: 10.176 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

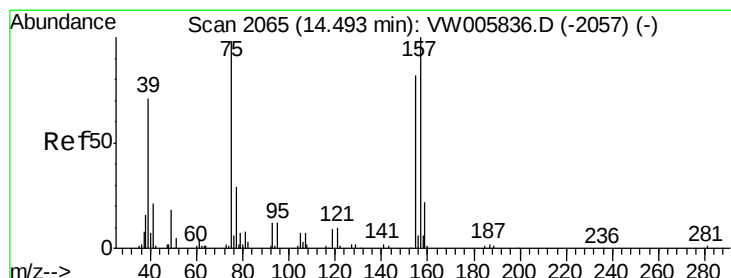
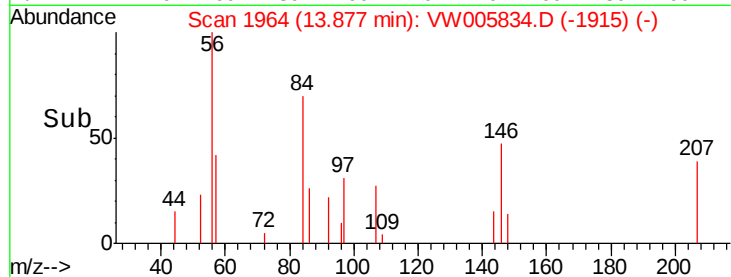
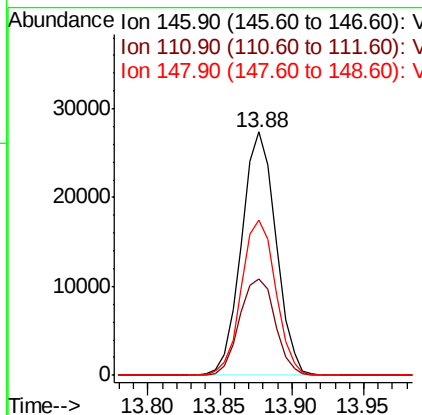
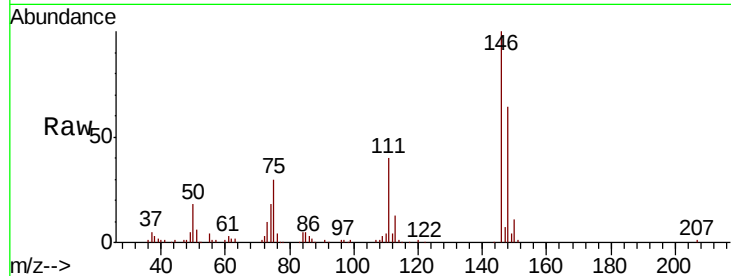
ClientSampled :

VSTDIC010

Tot Ion:	146	Resp:	45430
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.4	61.3
148	63.5	32.1	96.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 9.283 ug/l

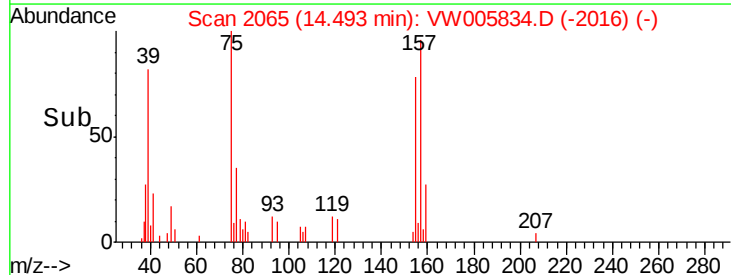
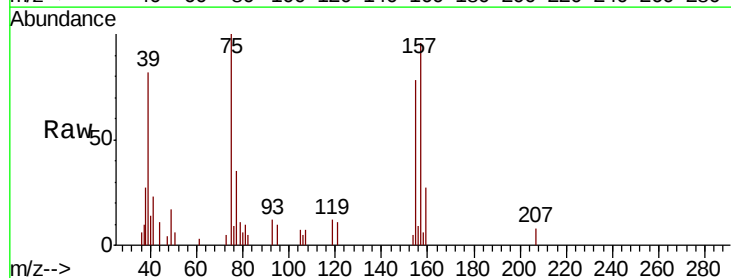
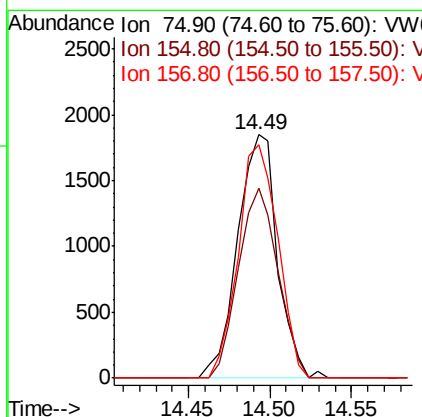
RT: 14.49 min Scan# 2065

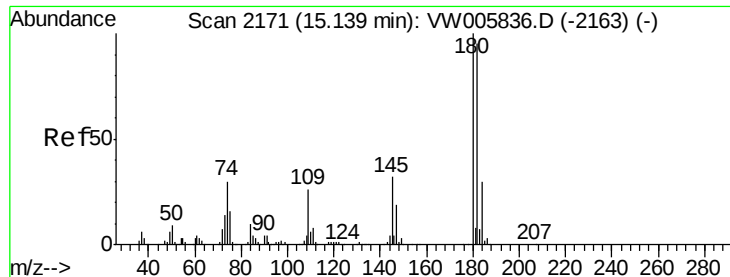
Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	75	Resp:	3136
Ion Ratio	Lower	Upper	
75	100		
155	77.7	41.3	123.9
157	95.6	51.9	155.7





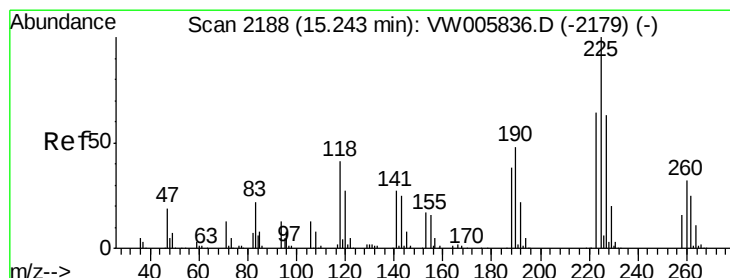
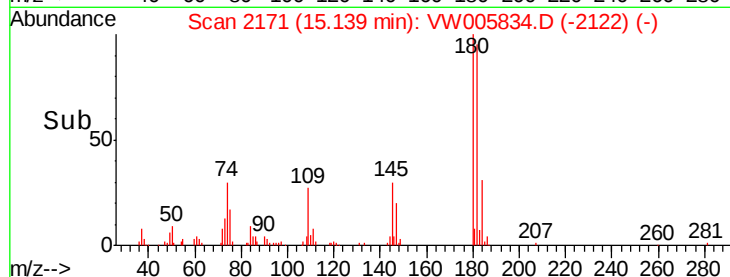
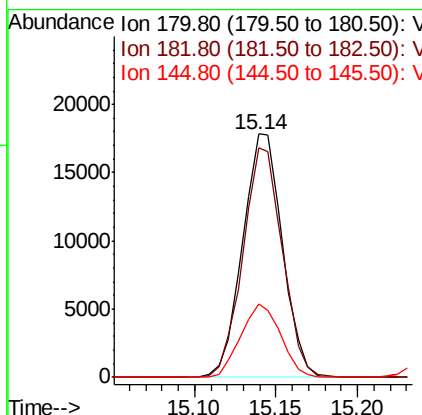
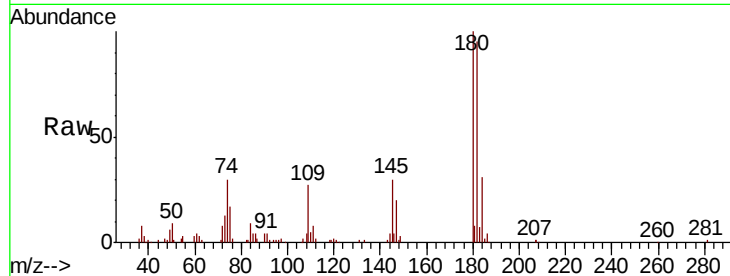
#93
 1,2,4-Trichlorobenzene
 Concen: 9.561 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.6	142.8
145	30.0	15.0	45.0

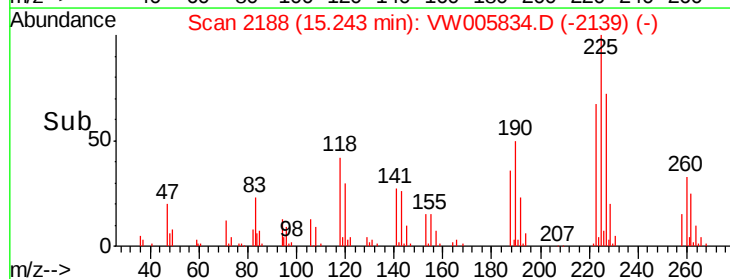
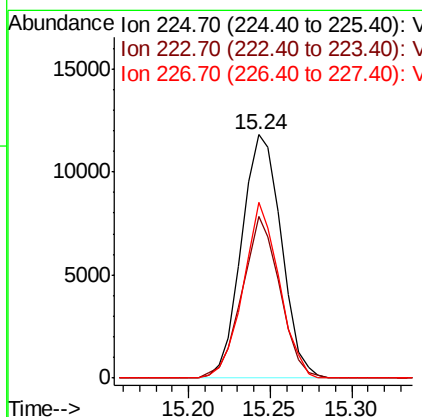
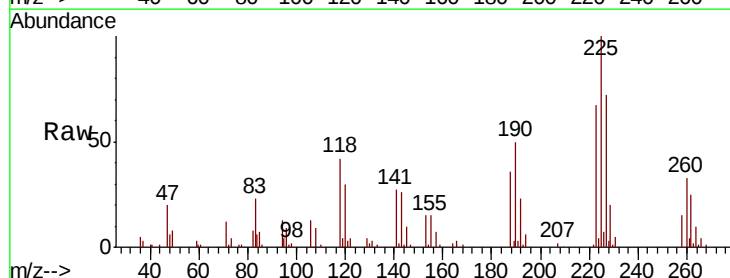
Manual Integrations
 APPROVED

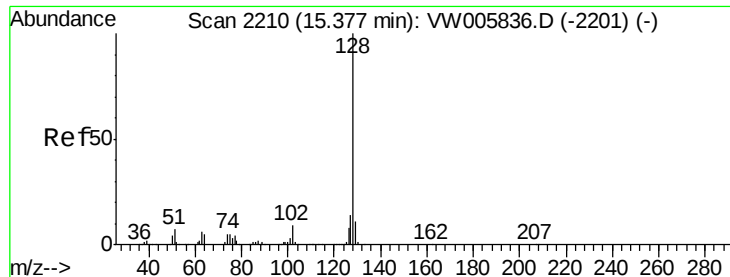
apatel
 10/4/2018 2:47:00 PM



#94
 Hexachlorobutadiene
 Concen: 9.817 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005834.D
 Acq: 04 Oct 2018 03:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.2	93.6
227	65.4	31.7	95.1





#95

Naphthalene

Concen: 8.449 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Instrument :

MSVOA_W

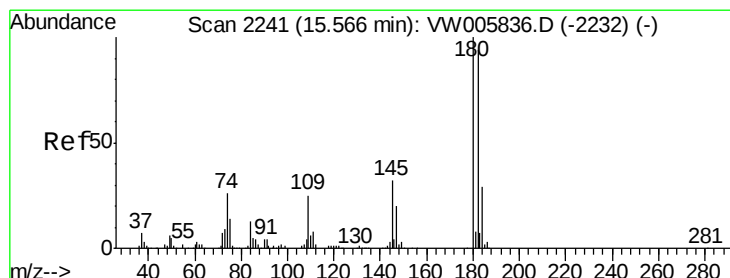
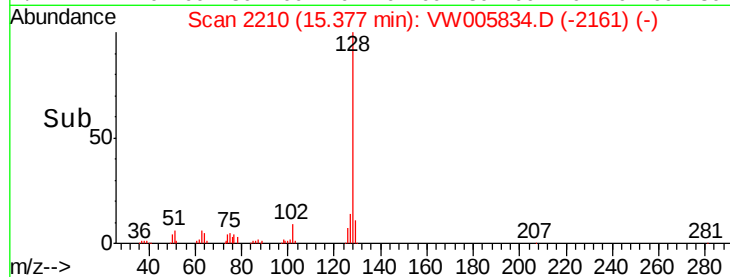
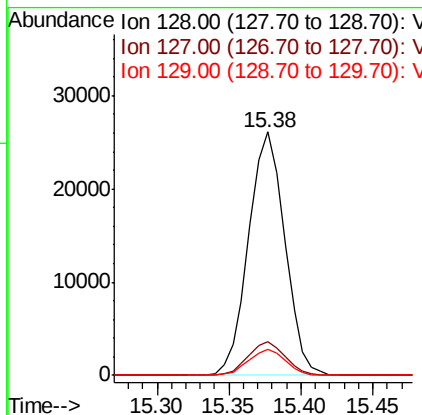
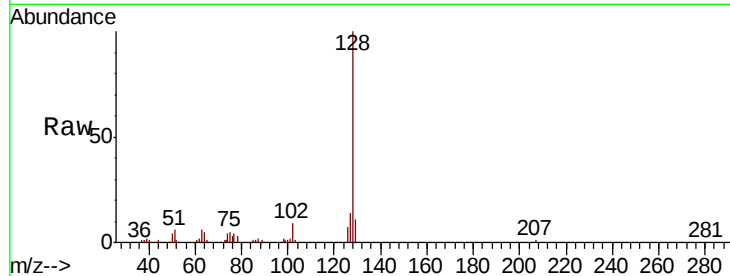
ClientSampled :

VSTDIC010

Tot Ion:	128	Resp:	45581
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.9	16.3
129	10.9	8.9	13.3

Manual Integrations
APPROVED

apatel
10/4/2018 2:47:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 9.519 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005834.D

Acq: 04 Oct 2018 03:37

Tgt Ion:	180	Resp:	26730
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	142.0
145	31.9	16.1	48.2

