

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
 Data File : VW005867.D
 Acq On : 04 Oct 2018 23:13
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 05 01:10:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	284562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116236	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.89	113	97580	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.33	98	403129	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.62	95	151443	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	63336	55.236	ug/l	94
3) Chloromethane	2.21	50	68898	49.864	ug/l	94
4) Vinyl Chloride	2.37	62	100199	49.524	ug/l	100
5) Bromomethane	2.79	94	66256	46.990	ug/l	99
6) Chloroethane	2.93	64	60694	49.048	ug/l	98
7) Trichlorofluoromethane	3.26	101	65692	47.210	ug/l	95
8) Diethyl Ether	3.68	74	51980	49.262	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	98798	51.337	ug/l	99
10) Methyl Iodide	4.27	142	158640	50.802	ug/l	98
11) Tert butyl alcohol	5.21	59	35608	241.756	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	97112	51.499	ug/l	95
13) Acrolein	3.90	56	42607	287.909	ug/l	99
14) Allyl chloride	4.67	41	160095	52.313	ug/l	99
15) Acrylonitrile	5.37	53	120899	270.382	ug/l	99
16) Acetone	4.14	43	119816	294.743	ug/l	99
17) Carbon Disulfide	4.38	76	311737	52.284	ug/l	99
18) Methyl Acetate	4.68	43	61898	53.540	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	153609	51.889	ug/l	98
20) Methylene Chloride	4.92	84	110192	49.274	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	108776	52.849	ug/l	96
22) Diisopropyl ether	6.32	45	299201	49.817	ug/l	99
23) Vinyl Acetate	6.26	43	914305	267.986	ug/l	99
24) 1,1-Dichloroethane	6.21	63	189841	48.713	ug/l	99
25) 2-Butanone	7.18	43	158517	277.208	ug/l	99
26) 2,2-Dichloropropane	7.17	77	118343	48.634	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	115941	50.536	ug/l	99
28) Bromochloromethane	7.51	49	64207	46.646	ug/l	99
29) Tetrahydrofuran	7.53	42	100892	285.805	ug/l	99
30) Chloroform	7.68	83	201856	48.332	ug/l	98
31) Cyclohexane	7.96	56	167446	50.259	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	170754	47.903	ug/l	98
36) 1,1-Dichloropropene	8.09	75	157302	55.612	ug/l	98
37) Ethyl Acetate	7.26	43	64826	55.067	ug/l	99
38) Carbon Tetrachloride	8.07	117	166277	52.757	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178764	56.140	ug/l	97
40) Benzene	8.33	78	419842	51.214	ug/l	94
41) Methacrylonitrile	7.49	41	40035	56.911	ug/l	92
42) 1,2-Dichloroethane	8.40	62	141321	51.254	ug/l	100
43) Isopropyl Acetate	8.43	43	127460	54.777	ug/l	99
44) Trichloroethene	9.10	130	108818	50.224	ug/l	99
45) 1,2-Dichloropropane	9.37	63	96478	49.700	ug/l	98
46) Dibromomethane	9.46	93	53650	50.533	ug/l	99
47) Bromodichloromethane	9.65	83	145546	51.799	ug/l	93
48) Methyl methacrylate	9.44	41	61192	54.318	ug/l	96
49) 1,4-Dioxane	9.47	88	17578	1059.687	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	355132	293.364	ug/l	98
52) Toluene	10.39	92	290684	55.635	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	154722	56.396	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	173834	56.594	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	83637	54.531	ug/l	99
56) Ethyl methacrylate	10.65	69	110506	60.160	ug/l	98
57) 1,3-Dichloropropane	10.94	76	145221	55.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	220468	291.953	ug/l	98
59) 2-Hexanone	10.98	43	252871	312.310	ug/l	100
60) Dibromochloromethane	11.13	129	103798	54.213	ug/l	97
61) 1,2-Dibromoethane	11.24	107	77986	54.739	ug/l	98
64) Tetrachloroethene	10.87	164	114428	50.513	ug/l	98
65) Chlorobenzene	11.66	112	316960	49.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	115456	49.088	ug/l	98
67) Ethyl Benzene	11.74	91	572249	52.666	ug/l	100
68) m/p-Xylenes	11.85	106	441546	105.459	ug/l	99
69) o-Xylene	12.17	106	205404	52.780	ug/l	99
70) Styrene	12.19	104	353604	53.568	ug/l	99
71) Bromoform	12.35	173	67040	51.776	ug/l #	100
73) Isopropylbenzene	12.47	105	586570	53.347	ug/l	100
74) N-amyl acetate	12.28	43	132313	55.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	97024	51.429	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	138421	95.309	ug/l #	100
77) Bromobenzene	12.75	156	137381	50.605	ug/l	100
78) n-propylbenzene	12.81	91	684652	52.351	ug/l	98
79) 2-Chlorotoluene	12.90	91	392724	50.417	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	497795	52.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32621	56.777	ug/l	97
82) 4-Chlorotoluene	12.99	91	419833	51.131	ug/l	100
83) tert-Butylbenzene	13.21	119	424357	53.290	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	502745	51.278	ug/l	97
85) sec-Butylbenzene	13.39	105	616726	53.651	ug/l	98
86) p-Isopropyltoluene	13.51	119	562681	54.533	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	277245	50.624	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	277409	50.769	ug/l	99
89) n-Butylbenzene	13.83	91	519373	54.655	ug/l	99
90) Hexachloroethane	14.10	117	97825	50.424	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	249333	50.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19346	53.041	ug/l	98

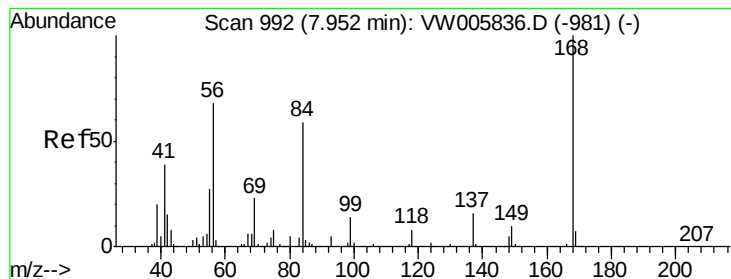
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	183700	53.385	ug/l	100
94) Hexachlorobutadiene	15.24	225	114776	52.749	ug/l	100
95) Naphthalene	15.38	128	339108	51.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165909	53.629	ug/l	100

(#) = 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: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

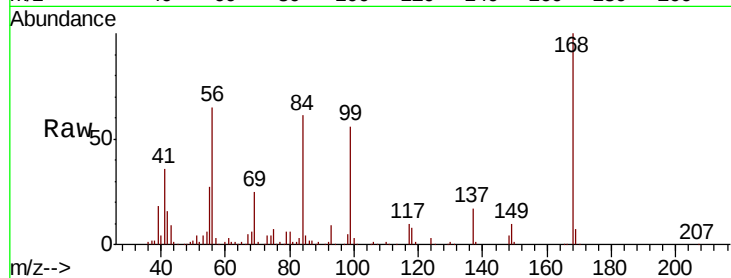
VSTDCCC050

Tgt Ion:168 Resp: 200785

Ion Ratio Lower Upper

168 100

99 55.6 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

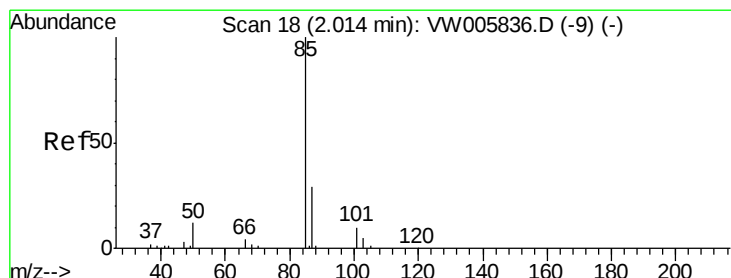
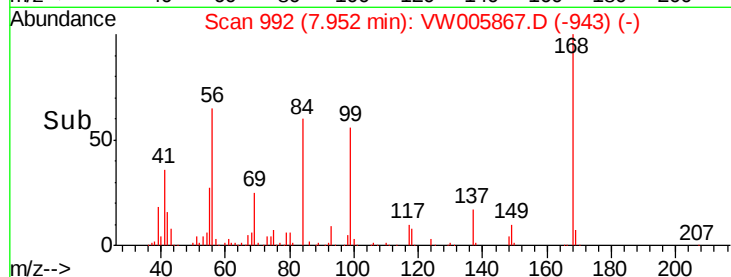
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 55.236 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005867.D

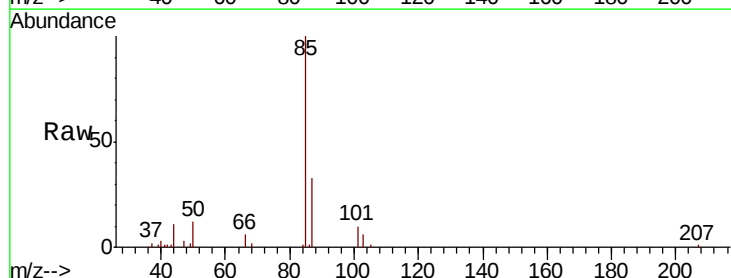
Acq: 04 Oct 2018 23:13

Tgt Ion: 85 Resp: 63336

Ion Ratio Lower Upper

85 100

87 32.9 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

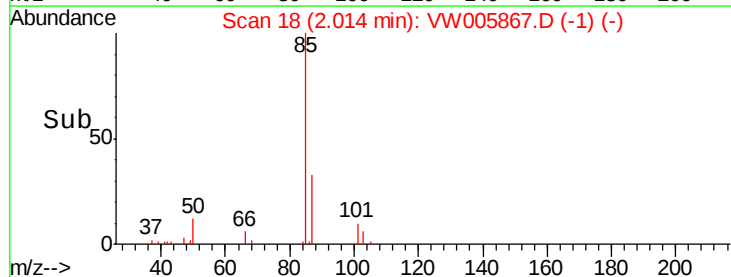
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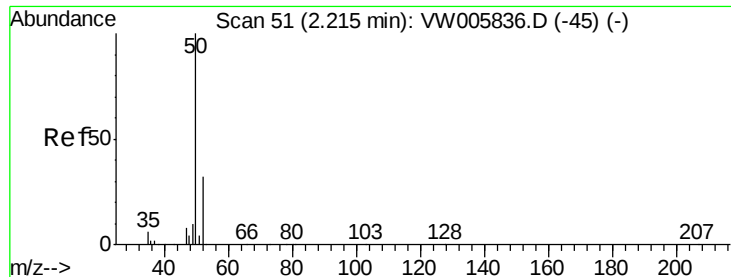
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 49.864 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

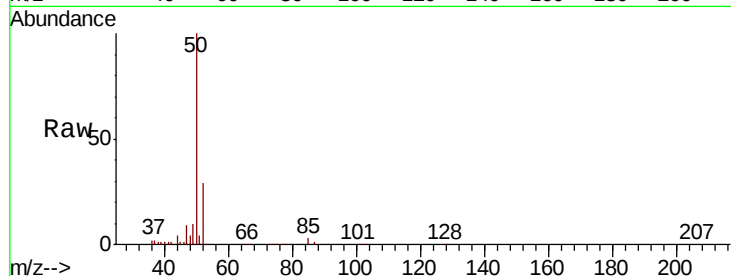
VSTDCCC050

Tgt Ion: 50 Resp: 68898

Ion Ratio Lower Upper

50 100

52 29.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

40000

30000

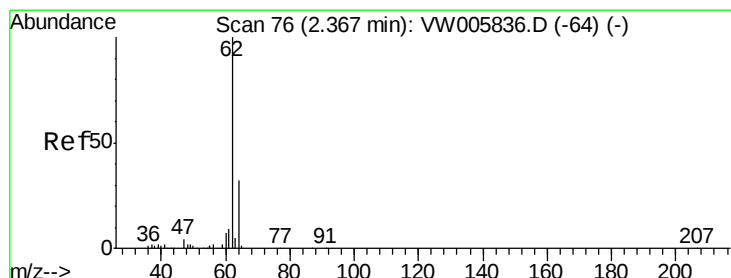
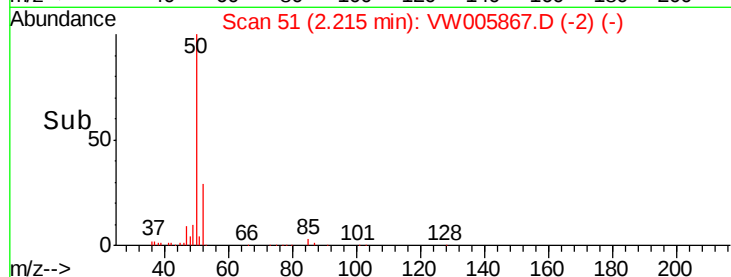
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 49.524 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005867.D

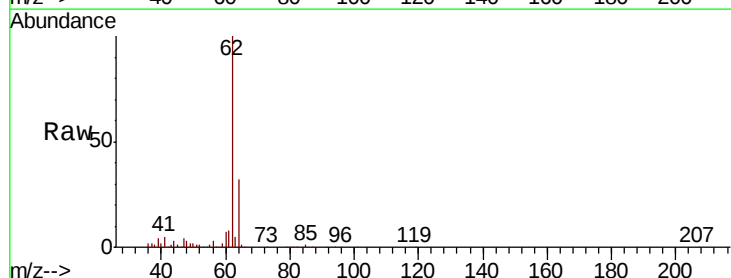
Acq: 04 Oct 2018 23:13

Tgt Ion: 62 Resp: 100199

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

40000

30000

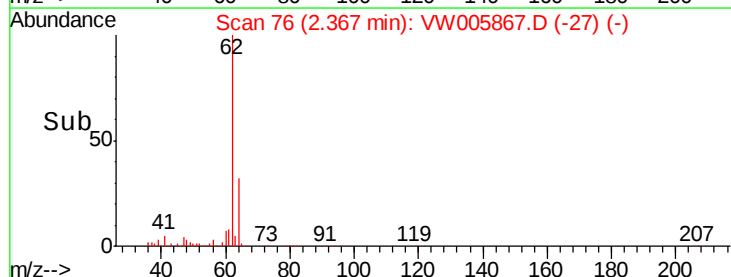
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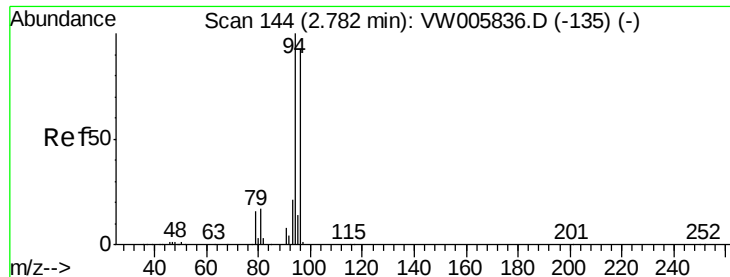
10000

0

Time-->

2.30 2.40 2.50 2.60





#5

Bromomethane

Concen: 46.990 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

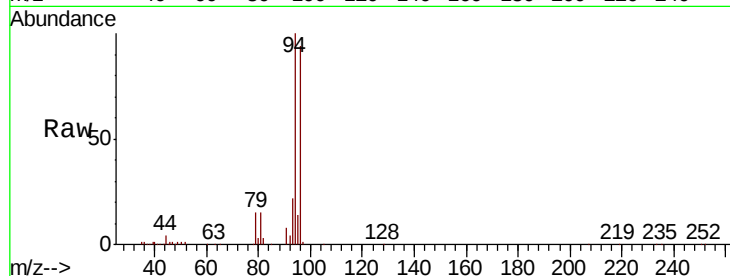
VSTDCCC050

Tgt Ion: 94 Resp: 66256

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

30000

25000

20000

15000

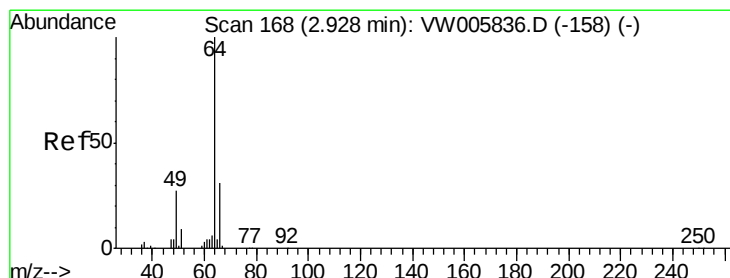
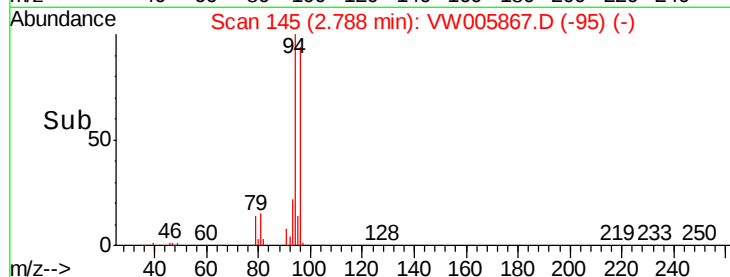
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 49.048 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005867.D

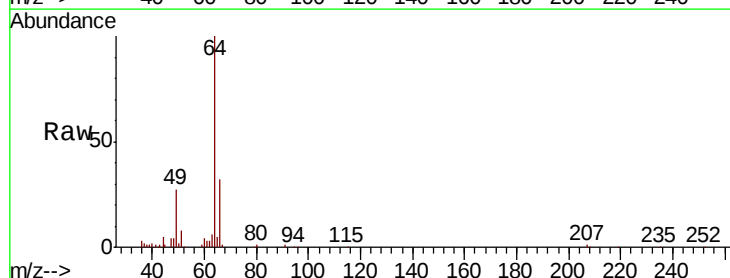
Acq: 04 Oct 2018 23:13

Tgt Ion: 64 Resp: 60694

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

25000

20000

15000

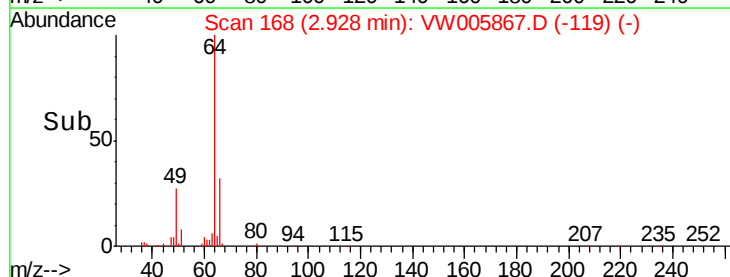
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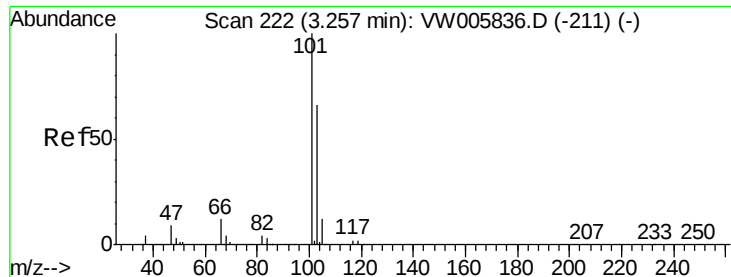
5000

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Time-->

2.80 2.90 3.00



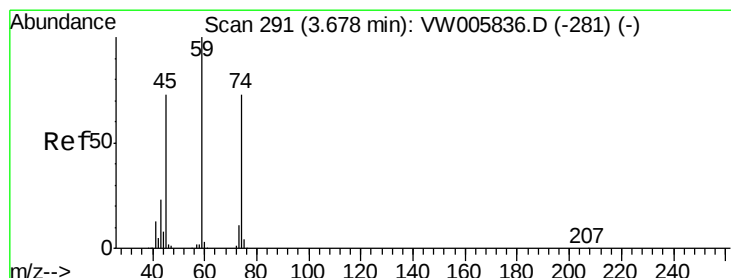
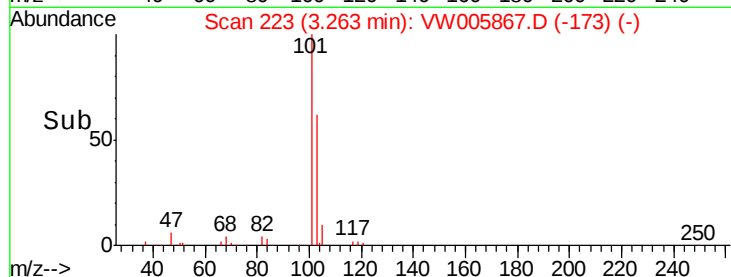
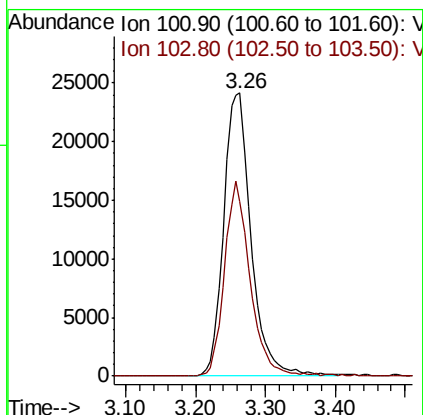
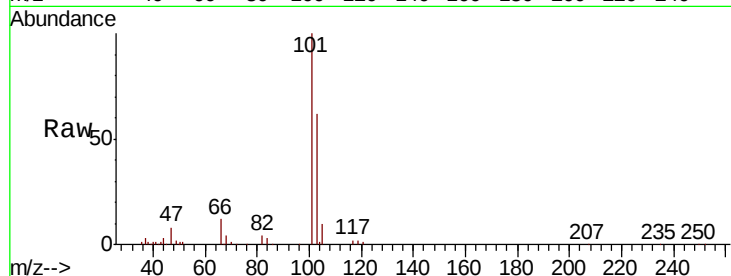


#7

Trichlorofluoromethane
 Concen: 47.210 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

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 VSTDCCC050

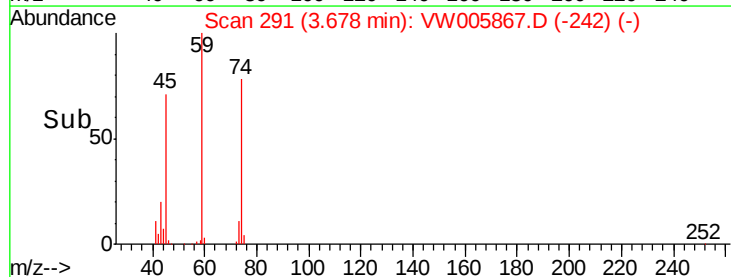
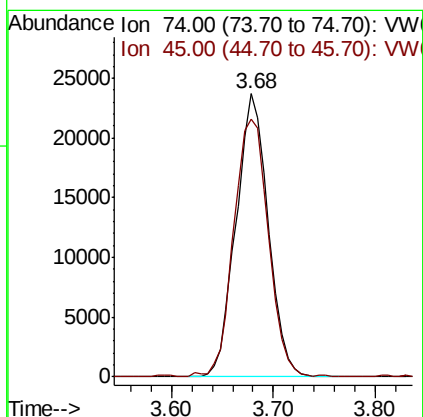
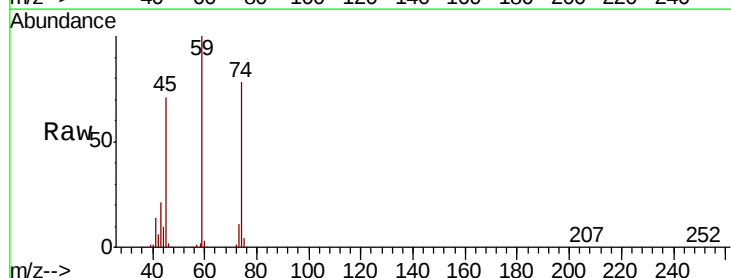
Tgt Ion:101 Resp: 65692
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.5 78.7

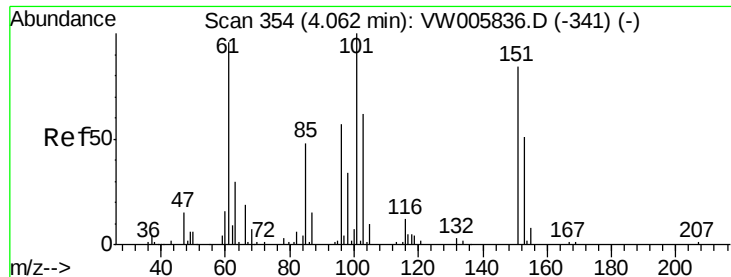


#8

Diethyl Ether
 Concen: 49.262 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 74 Resp: 51980
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.337 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

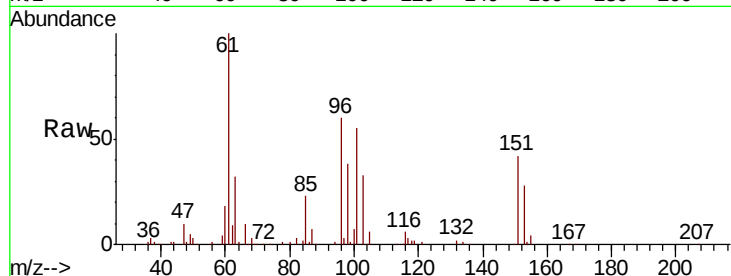
Tgt Ion:101 Resp: 98798

Ion Ratio Lower Upper

101 100

85 44.7 35.5 53.3

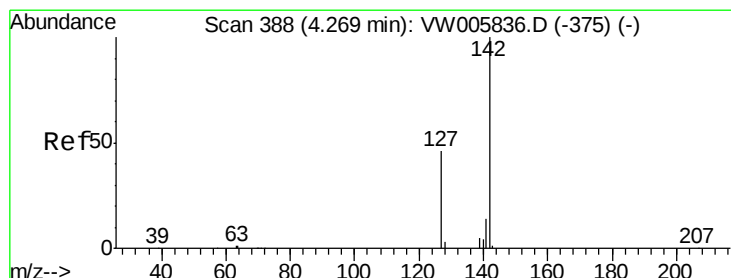
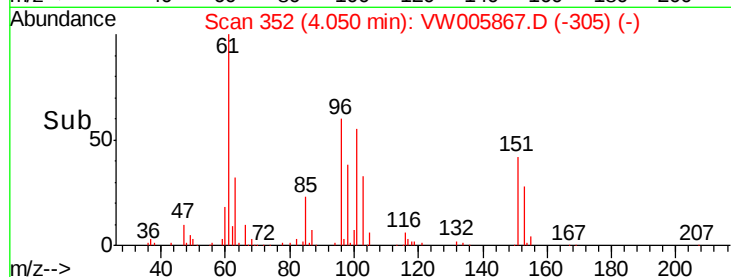
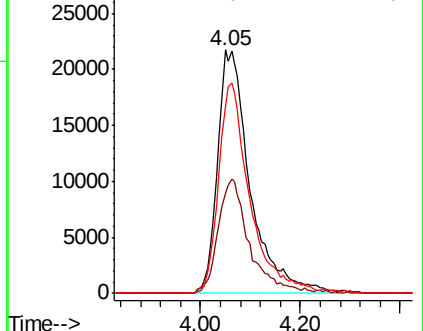
151 82.6 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.802 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

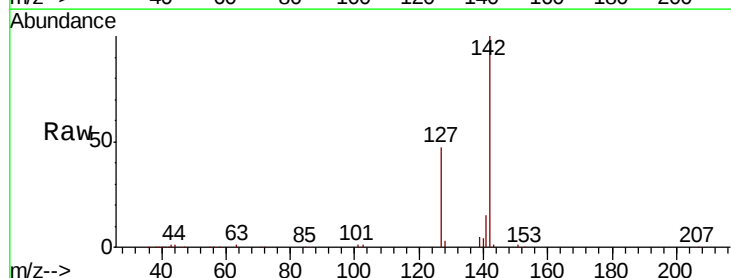
Tgt Ion:142 Resp: 158640

Ion Ratio Lower Upper

142 100

127 44.8 37.4 56.0

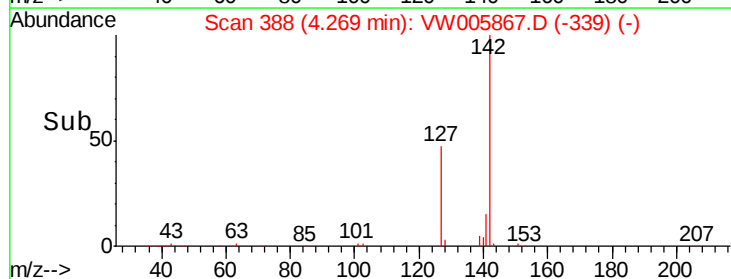
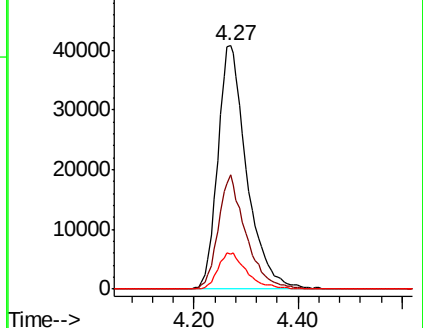
141 15.0 12.2 18.2

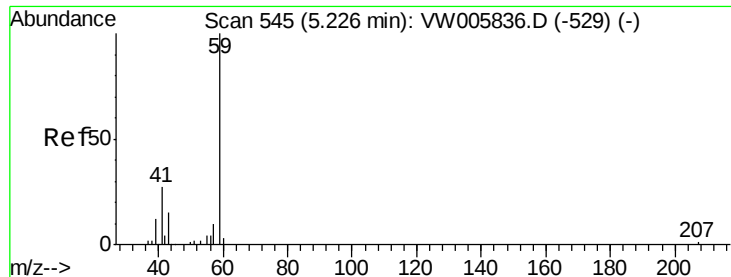


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

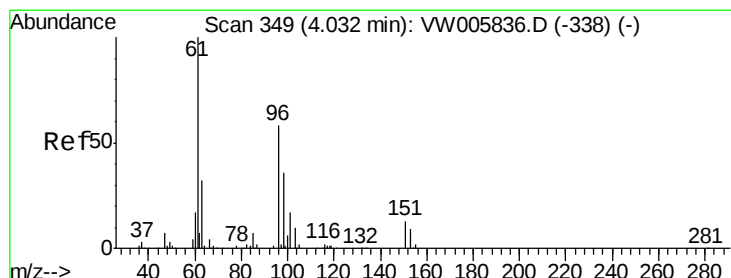
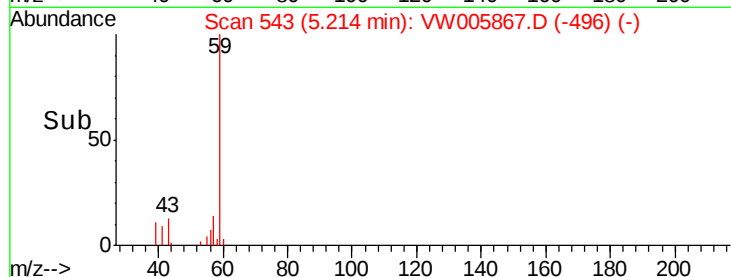
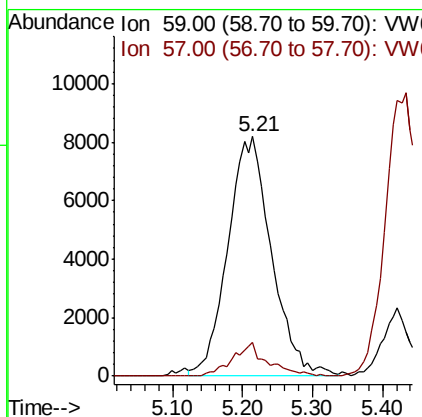
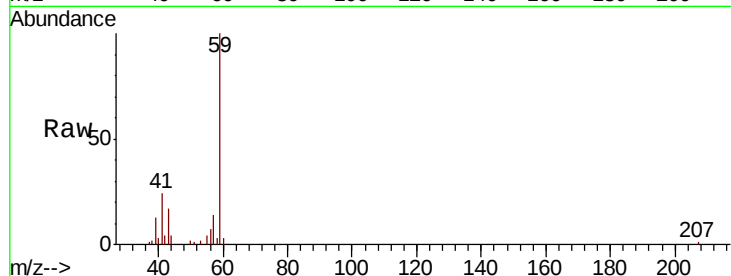




#11
Tert butyl alcohol
Concen: 241.756 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

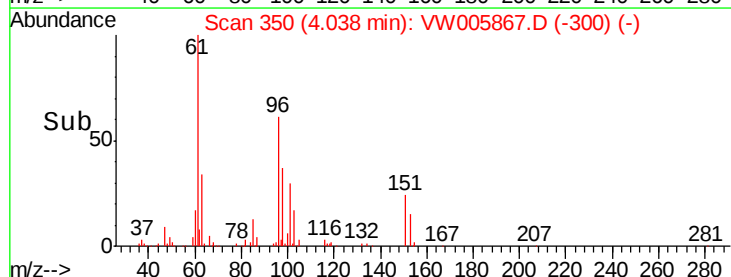
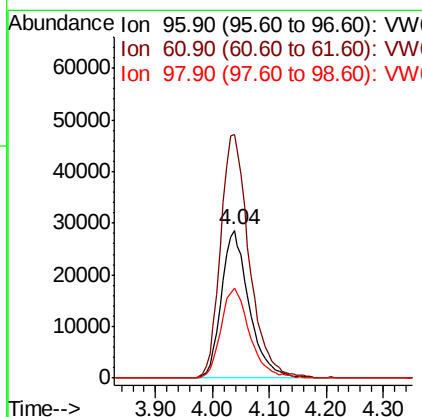
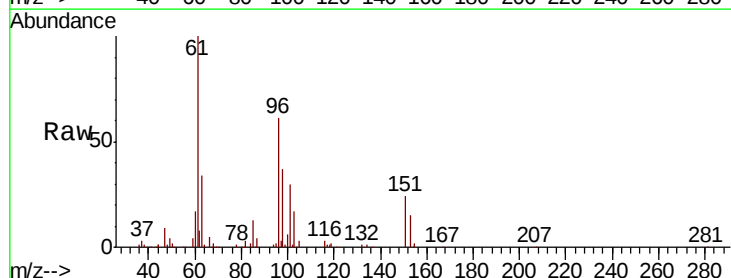
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

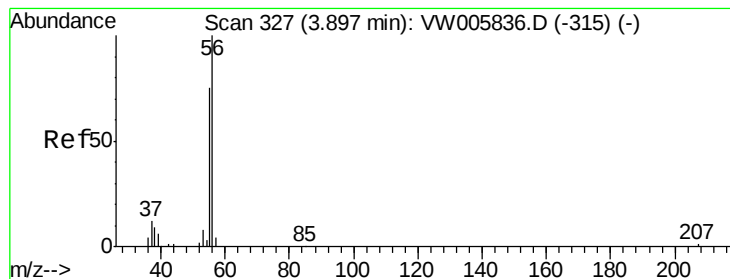
Tgt Ion: 59 Resp: 35608
Ion Ratio Lower Upper
59 100
57 11.0 4.9 7.3#



#12
1,1-Dichloroethene
Concen: 51.499 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 96 Resp: 97112
Ion Ratio Lower Upper
96 100
61 164.8 138.8 208.2
98 60.7 50.6 75.8





#13

Acrolein

Concen: 287.909 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

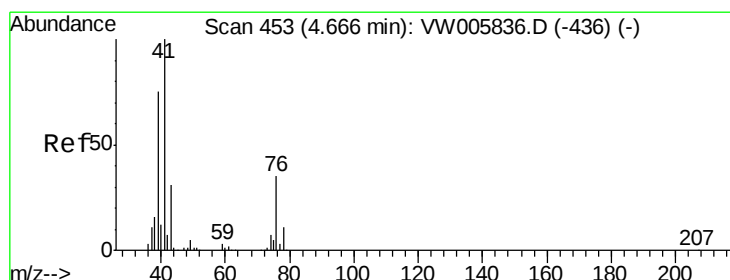
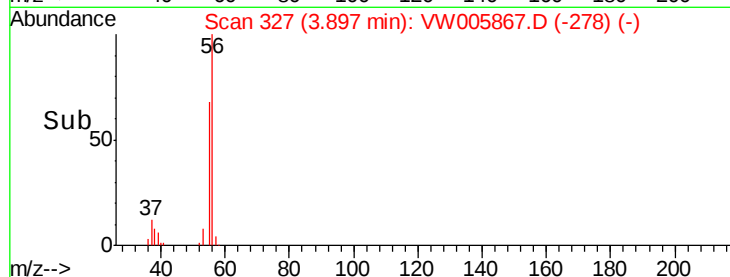
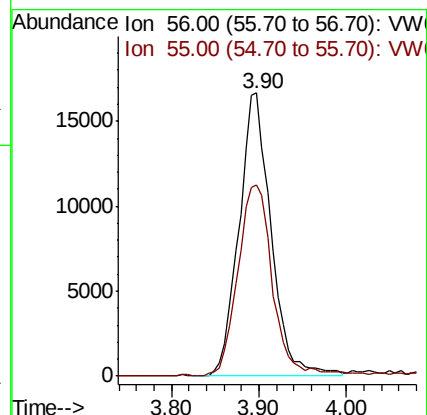
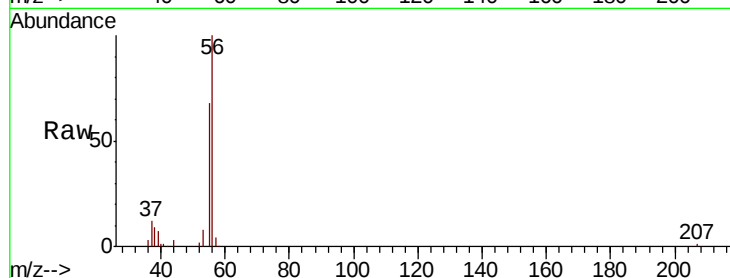
VSTDCCC050

Tgt Ion: 56 Resp: 42607

Ion Ratio Lower Upper

56 100

55 73.4 59.2 88.8



#14

Allyl chloride

Concen: 52.313 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

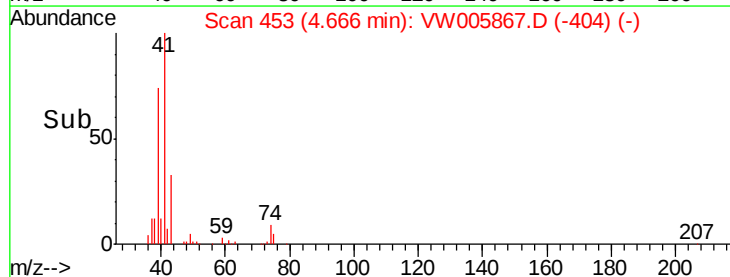
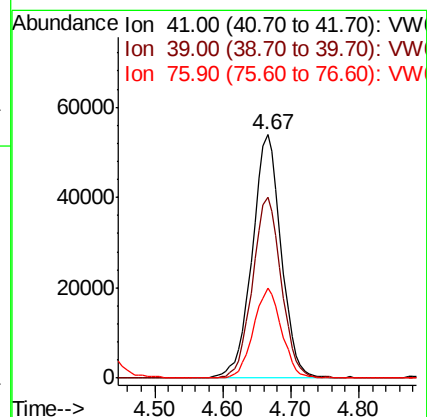
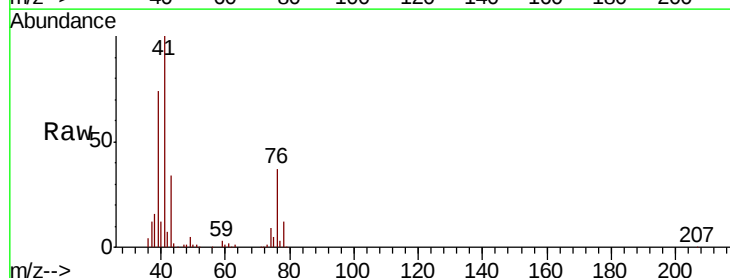
Tgt Ion: 41 Resp: 160095

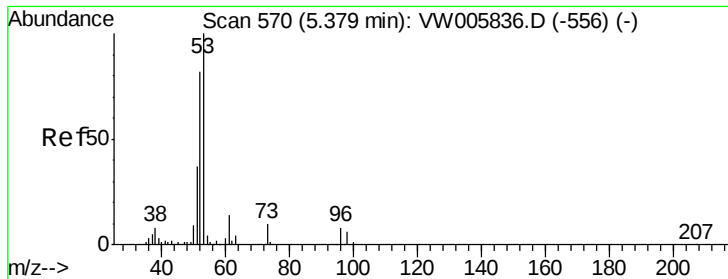
Ion Ratio Lower Upper

41 100

39 74.0 60.3 90.5

76 35.9 28.9 43.3





#15

Acrylonitrile

Concen: 270.382 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

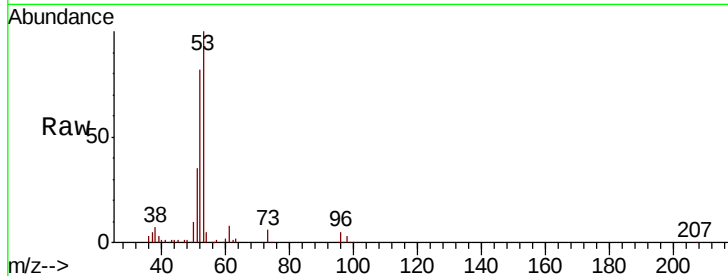
Tgt Ion: 53 Resp: 120899

Ion Ratio Lower Upper

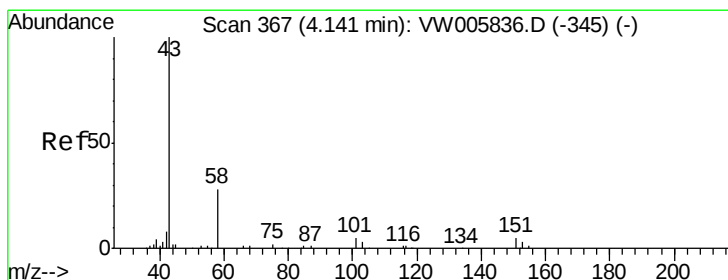
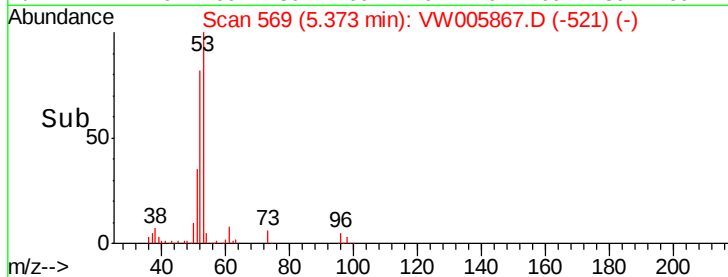
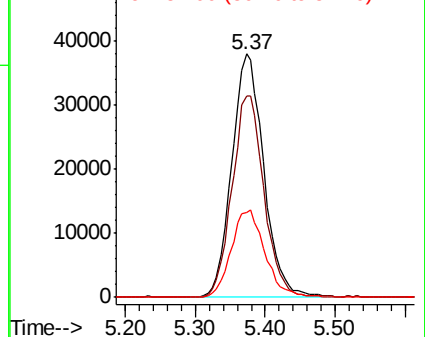
53 100

52 82.6 67.3 100.9

51 38.0 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 294.743 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005867.D

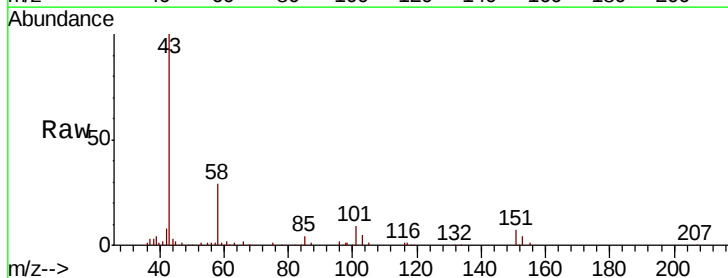
Acq: 04 Oct 2018 23:13

Tgt Ion: 43 Resp: 119816

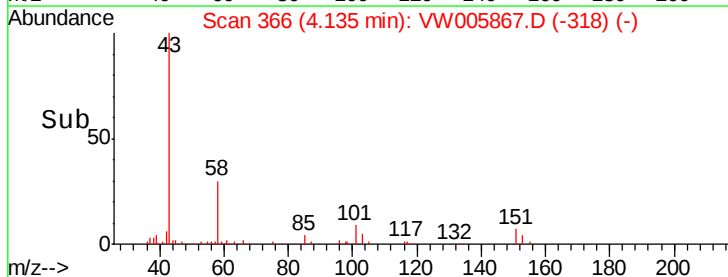
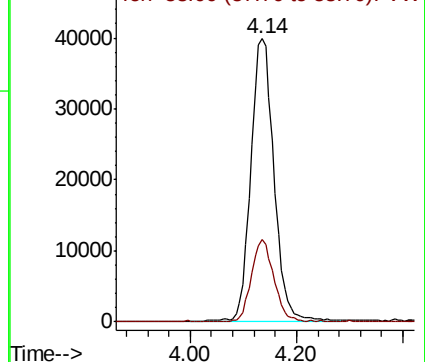
Ion Ratio Lower Upper

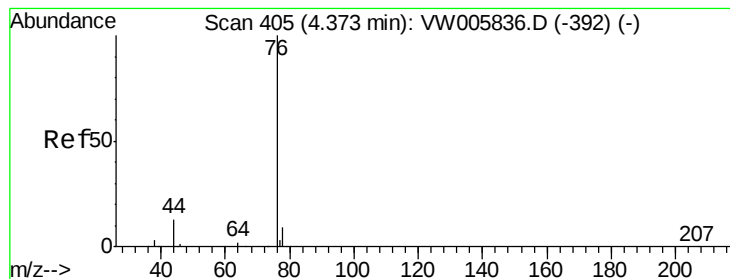
43 100

58 29.1 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 52.284 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

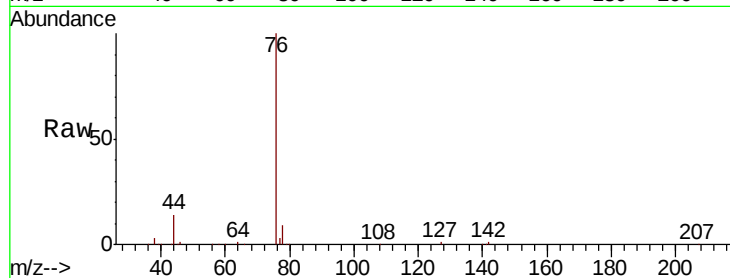
VSTDCCC050

Tgt Ion: 76 Resp: 311737

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

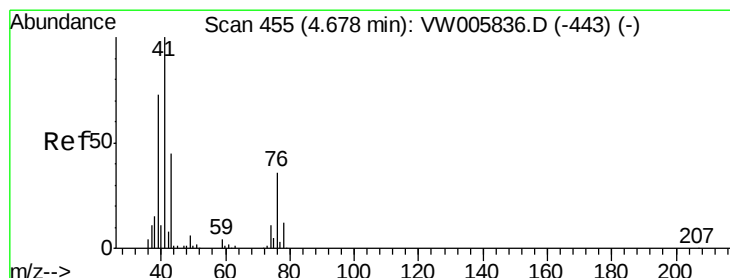
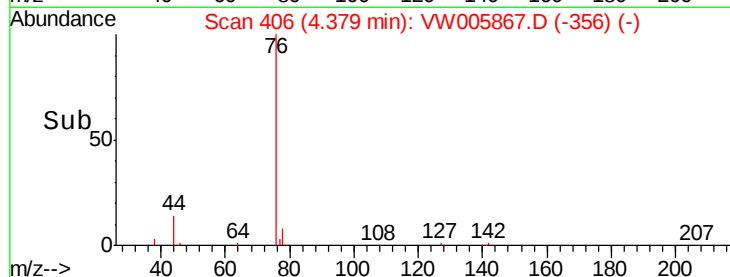
60000

40000

20000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 53.540 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW005867.D

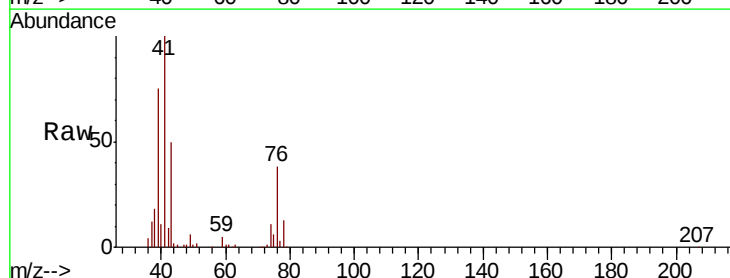
Acq: 04 Oct 2018 23:13

Tgt Ion: 43 Resp: 61898

Ion Ratio Lower Upper

43 100

74 23.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

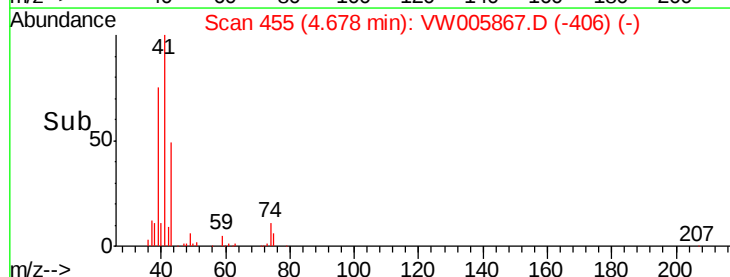
15000

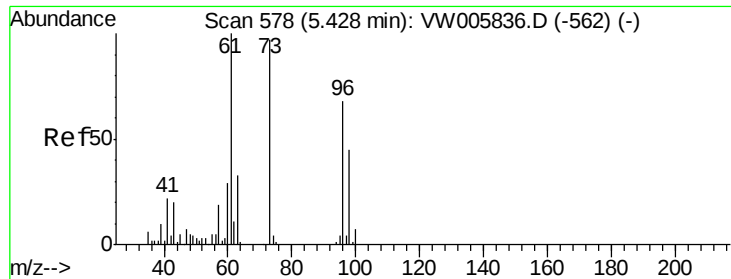
10000

5000

0

Time--> 4.60 4.70 4.80

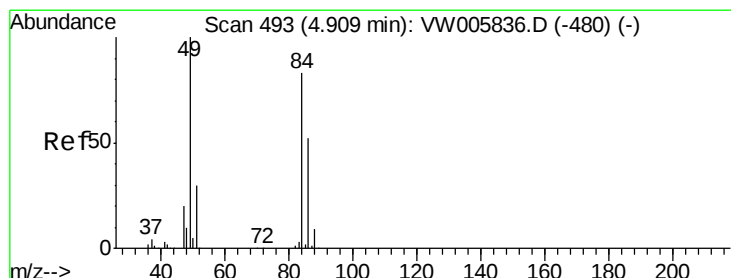
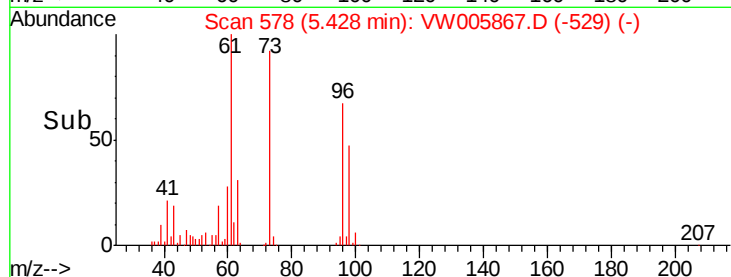
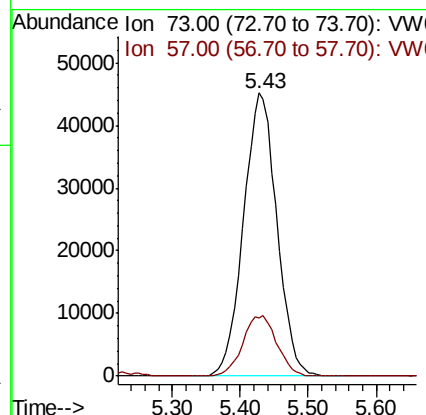
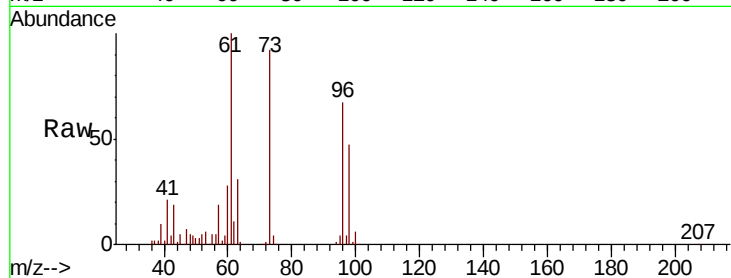




#19
Methyl tert-butyl Ether
Concen: 51.889 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

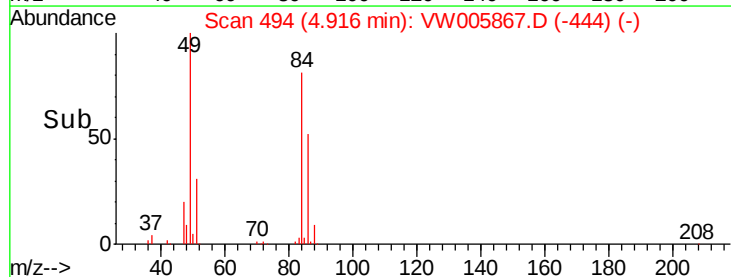
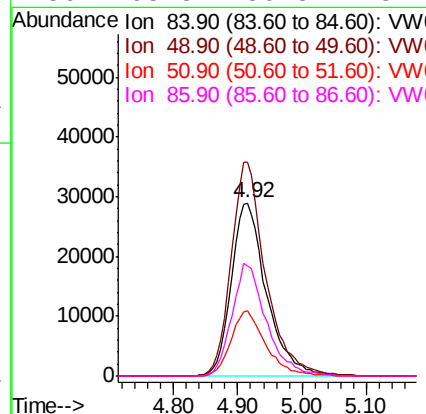
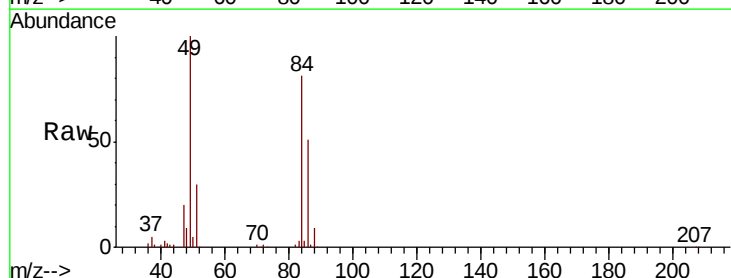
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

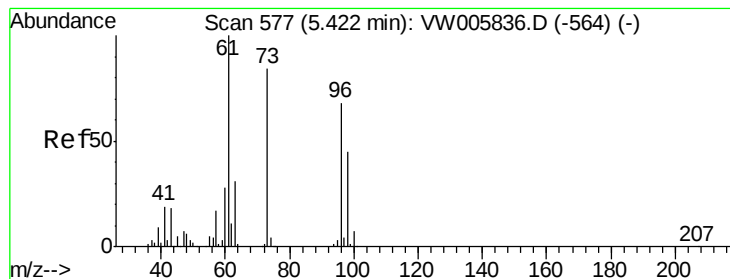
Tgt Ion: 73 Resp: 153609
Ion Ratio Lower Upper
73 100
57 20.6 15.9 23.9



#20
Methylene Chloride
Concen: 49.274 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 84 Resp: 110192
Ion Ratio Lower Upper
84 100
49 123.0 96.8 145.2
51 37.5 28.8 43.2
86 63.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 52.849 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

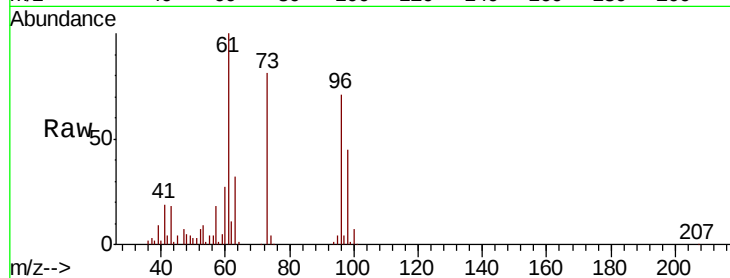
Tgt Ion: 96 Resp: 108776

Ion Ratio Lower Upper

96 100

61 141.0 117.0 175.6

98 63.5 52.2 78.2

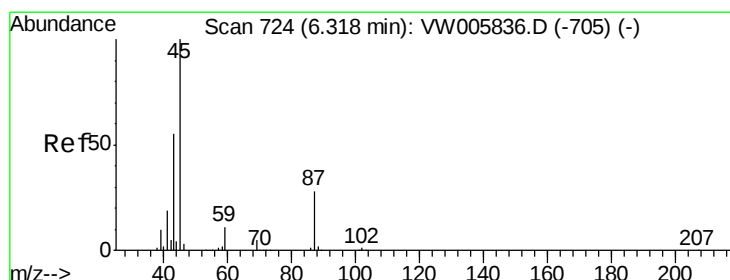
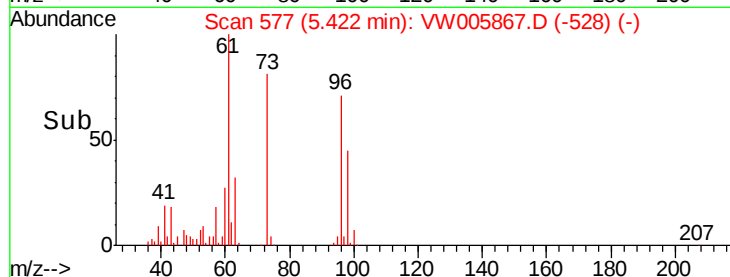
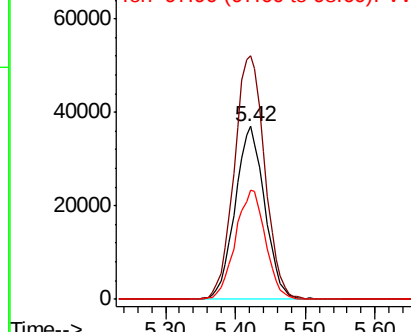


Abundance

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: 49.817 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Tgt Ion: 45 Resp: 299201

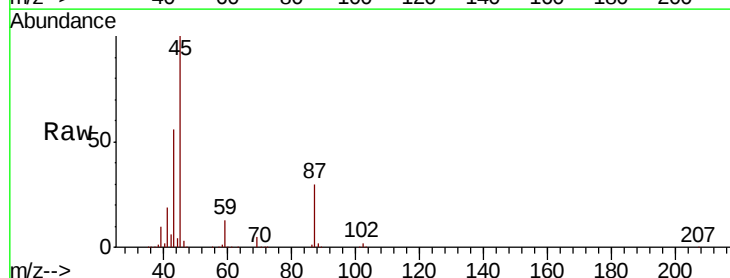
Ion Ratio Lower Upper

45 100

43 55.9 44.6 67.0

87 29.6 23.4 35.2

59 12.6 9.0 13.6



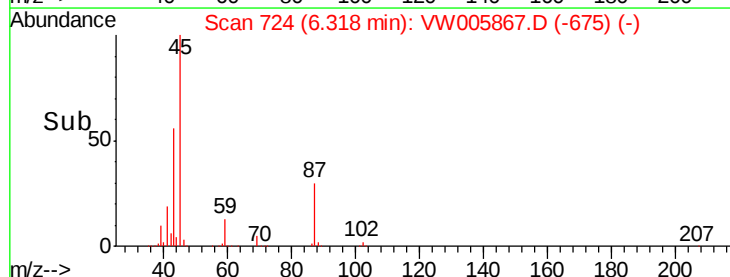
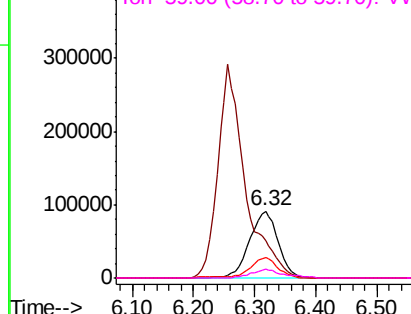
Abundance

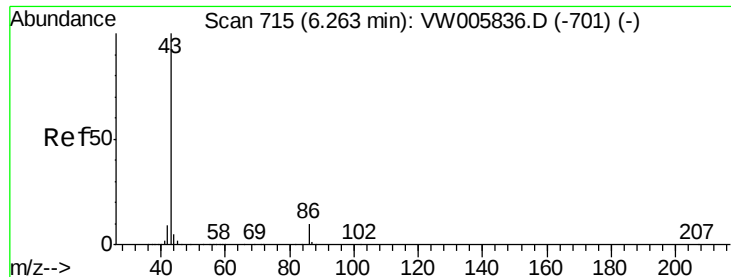
Ion 45.00 (44.70 to 45.70): VW

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: 267.986 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

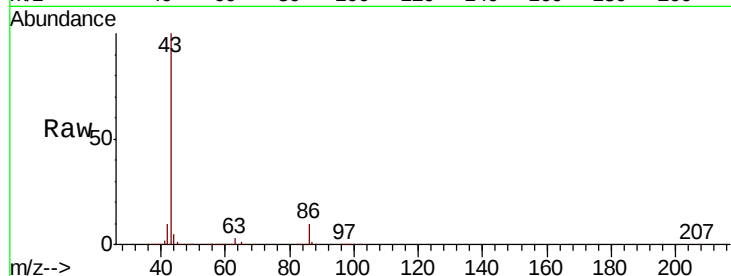
VSTDCCC050

Tgt Ion: 43 Resp: 914305

Ion Ratio Lower Upper

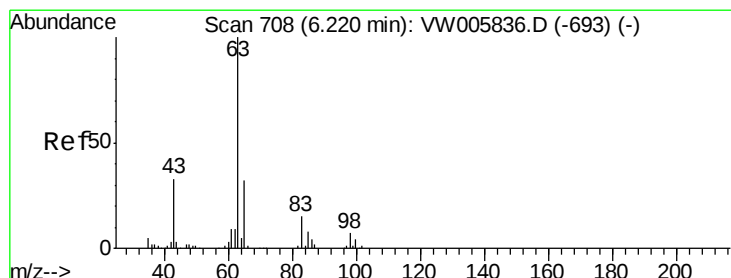
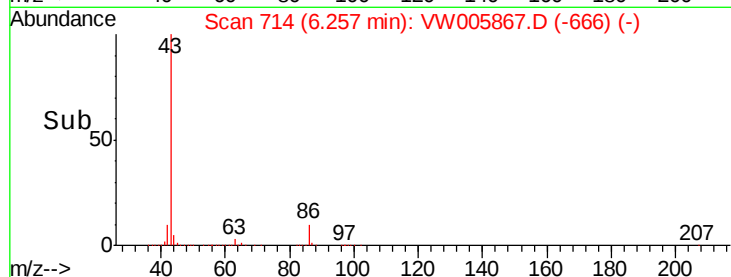
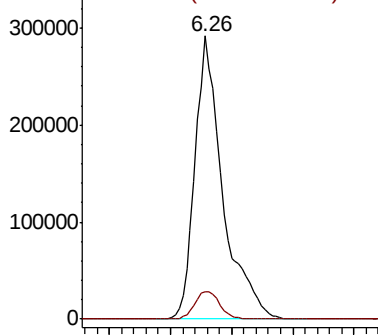
43 100

86 9.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.713 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

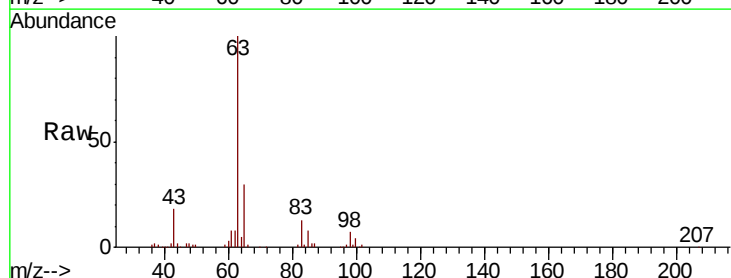
Tgt Ion: 63 Resp: 189841

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

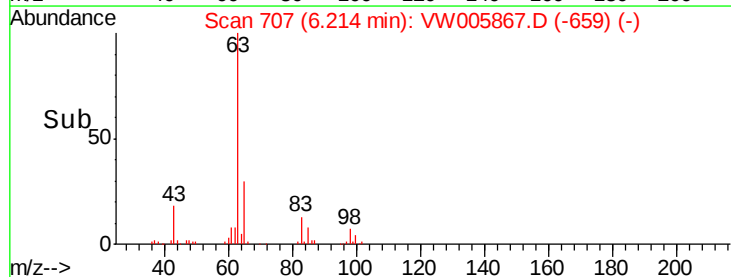
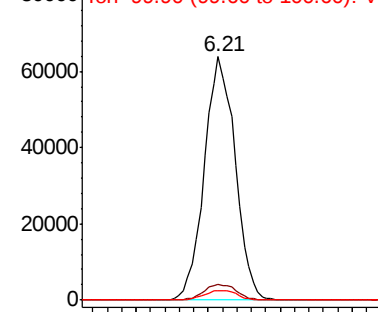
100 4.0 2.0 6.0

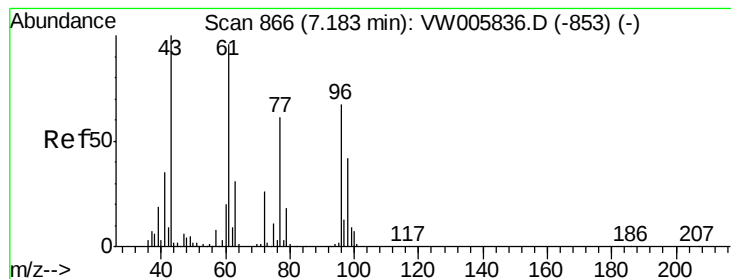


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 277.208 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

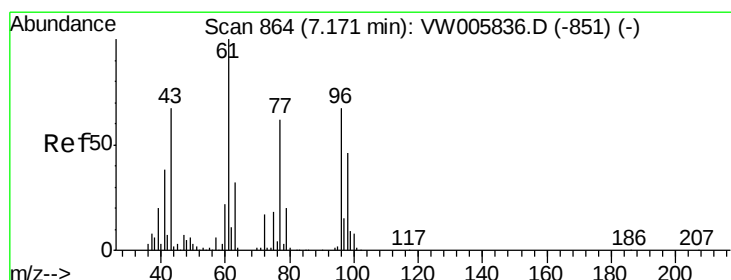
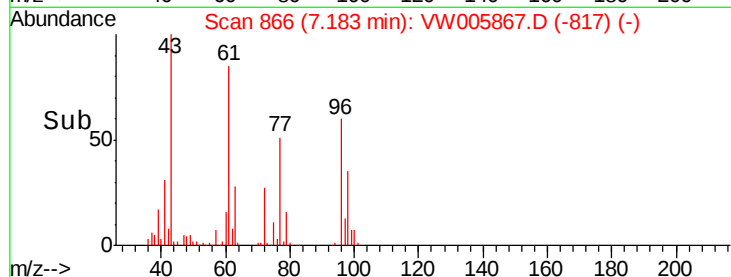
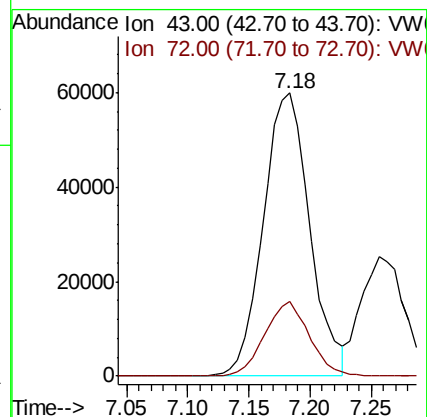
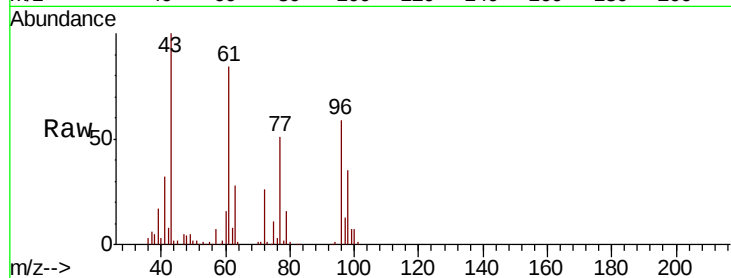
VSTDCCC050

Tgt Ion: 43 Resp: 158517

Ion Ratio Lower Upper

43 100

72 26.5 20.9 31.3



#26

2,2-Dichloropropane

Concen: 48.634 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005867.D

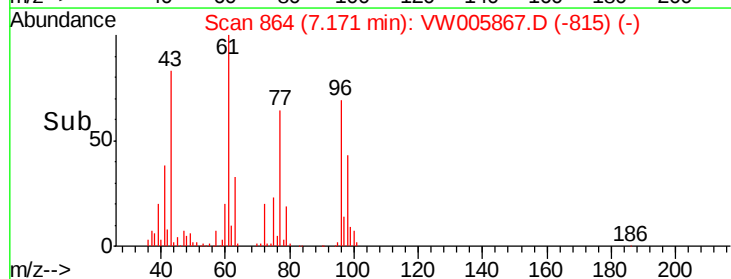
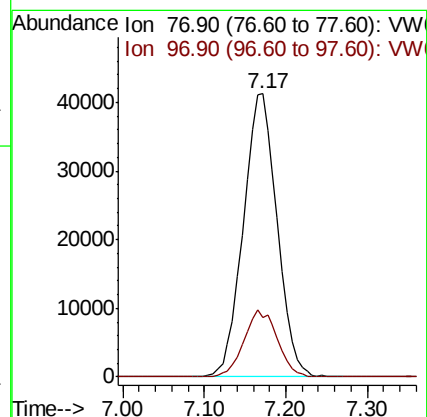
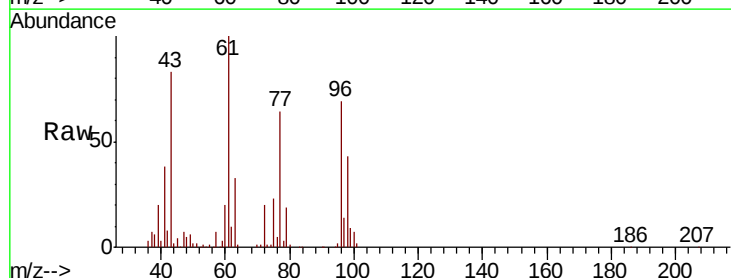
Acq: 04 Oct 2018 23:13

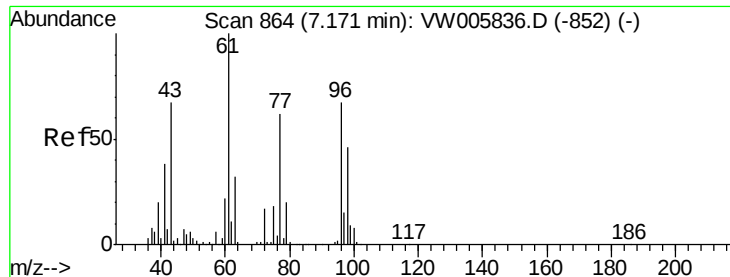
Tgt Ion: 77 Resp: 118343

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0



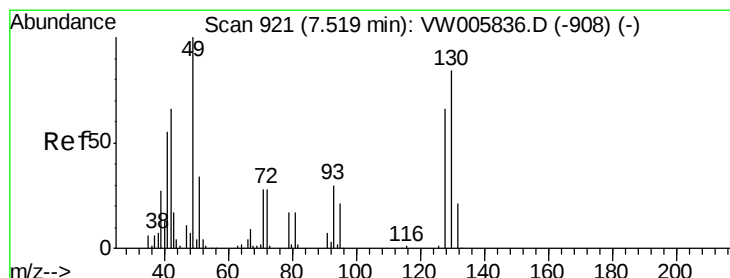
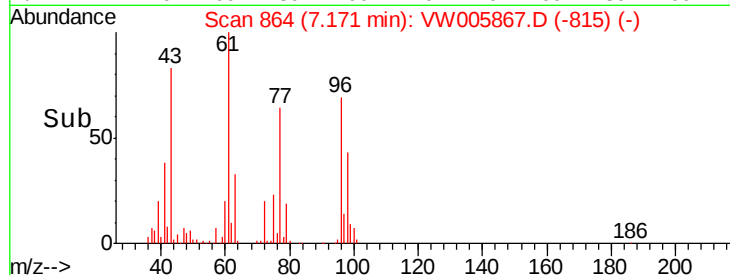
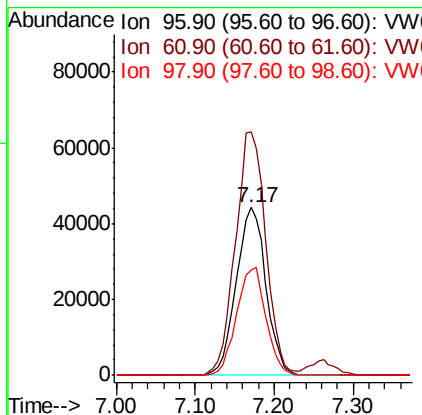
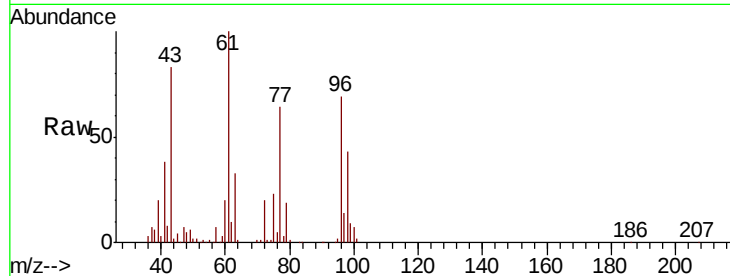


#27

cis-1,2-Dichloroethene
 Concen: 50.536 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

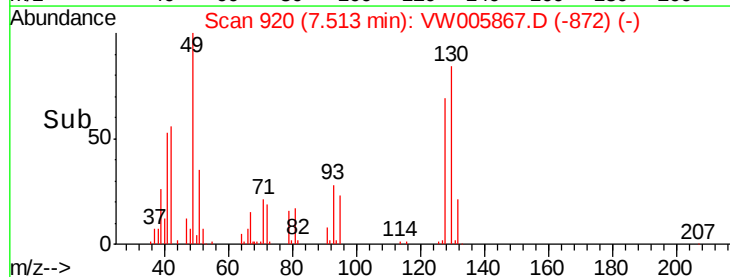
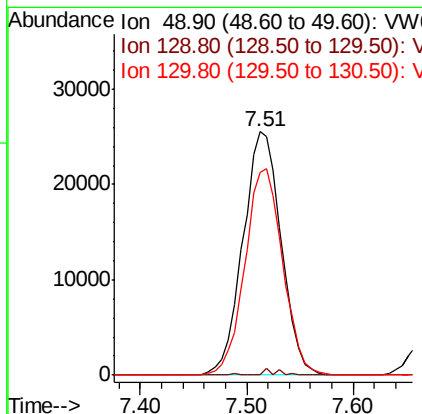
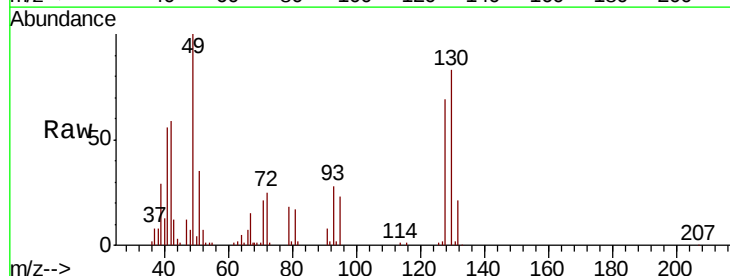
Tgt Ion: 96 Resp: 115941
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 296.4
 98 63.8 0.0 131.4

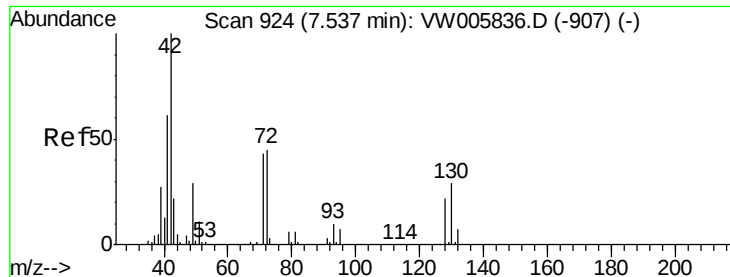


#28

Bromochloromethane
 Concen: 46.646 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 49 Resp: 64207
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 83.9 66.4 99.6





#29

Tetrahydrofuran

Concen: 285.805 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

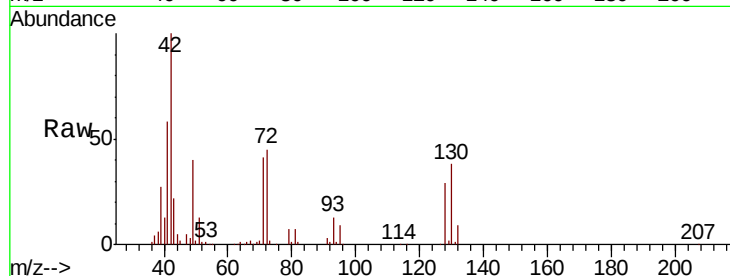
Tgt Ion: 42 Resp: 100892

Ion Ratio Lower Upper

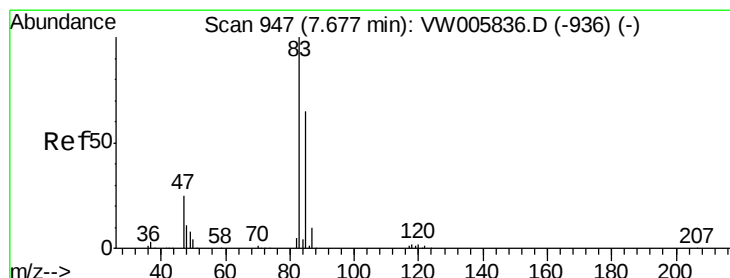
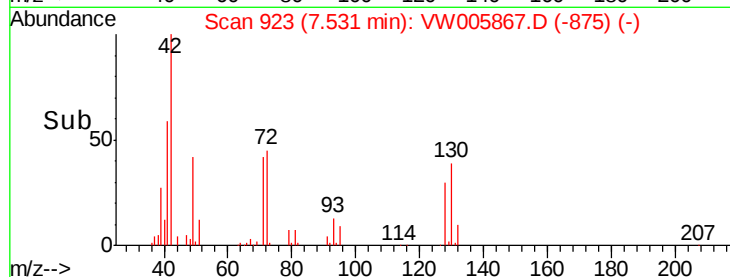
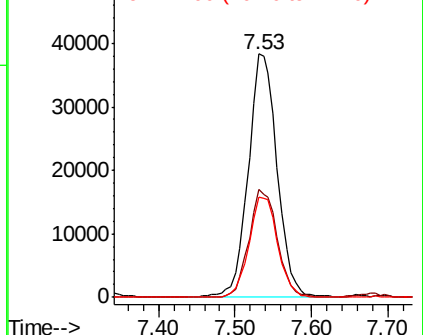
42 100

72 43.6 34.6 51.8

71 41.1 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 48.332 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW005867.D

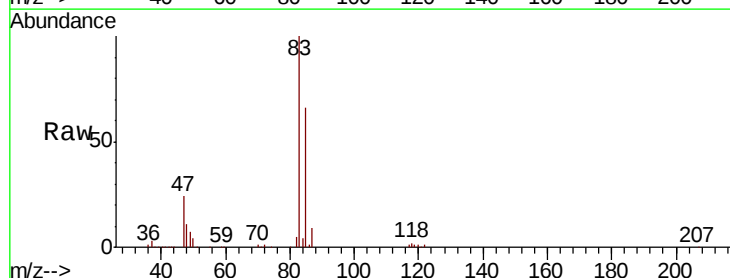
Acq: 04 Oct 2018 23:13

Tgt Ion: 83 Resp: 201856

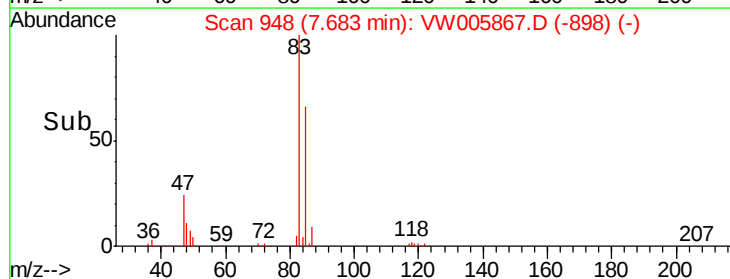
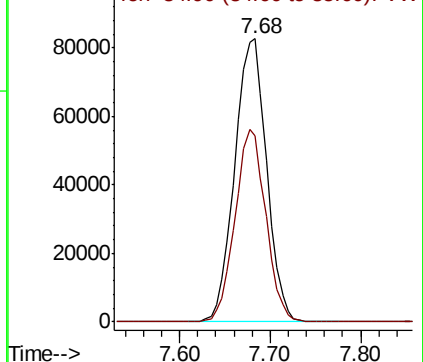
Ion Ratio Lower Upper

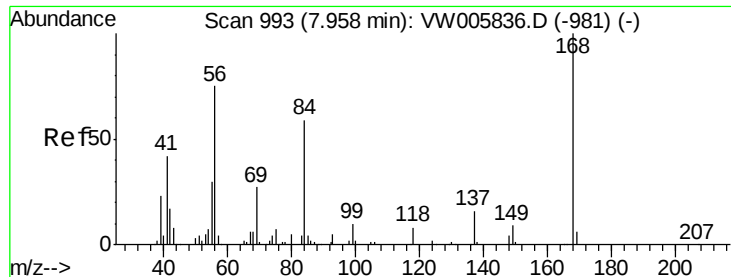
83 100

85 65.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

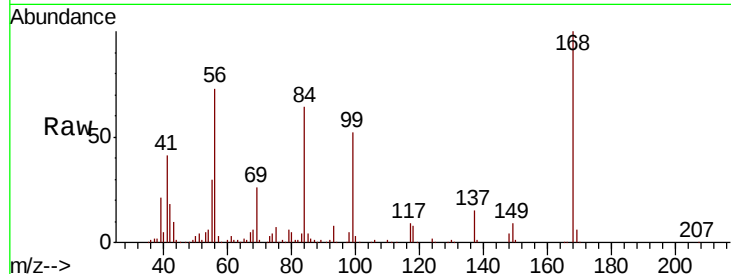




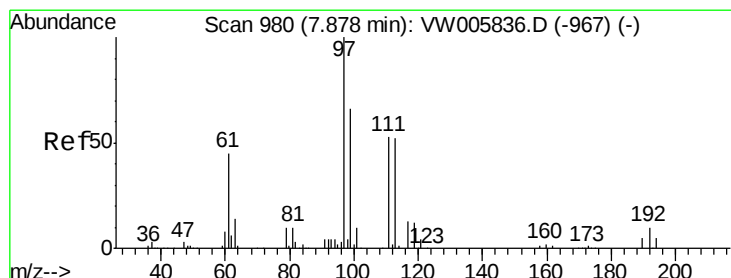
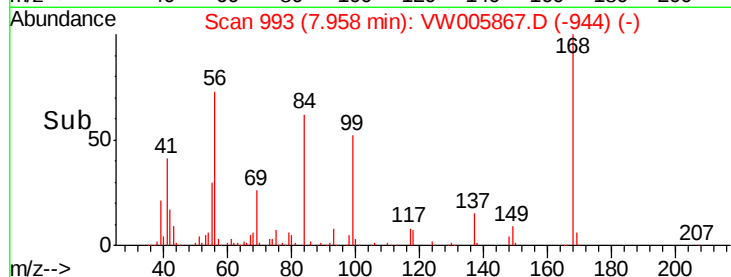
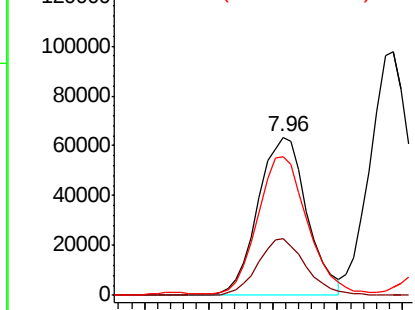
#31
Cyclohexane
Concen: 50.259 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 167446
Ion Ratio Lower Upper
56 100
69 36.0 29.0 43.4
84 86.3 63.5 95.3

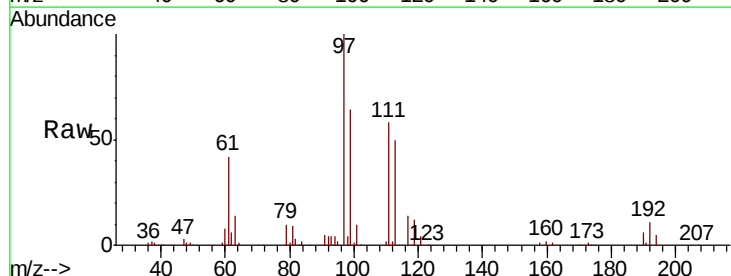


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

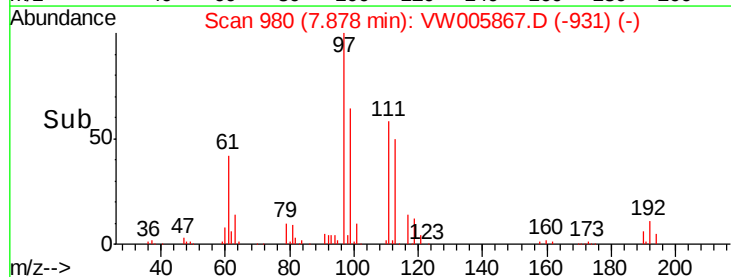
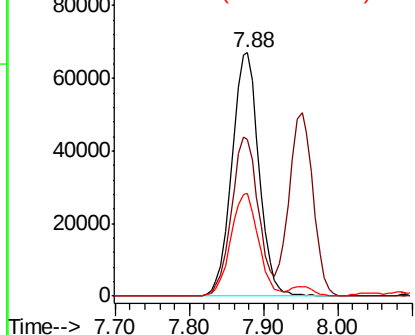


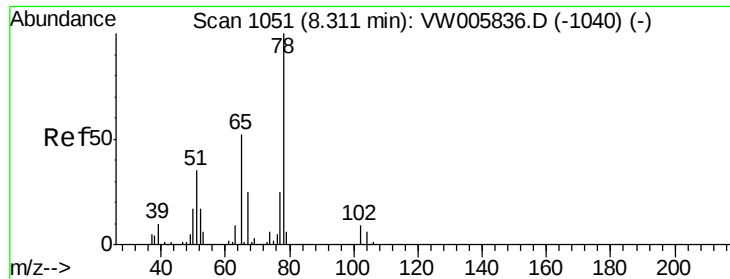
#32
1,1,1-Trichloroethane
Concen: 47.903 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 97 Resp: 170754
Ion Ratio Lower Upper
97 100
99 65.4 51.2 76.8
61 43.2 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

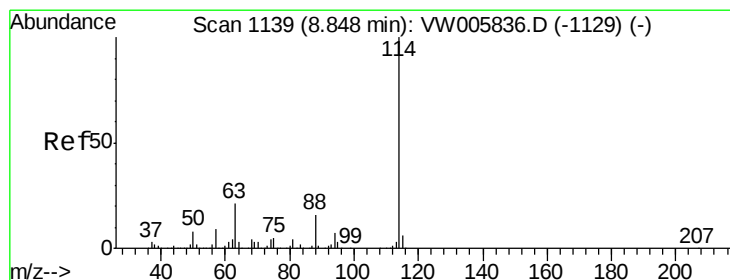
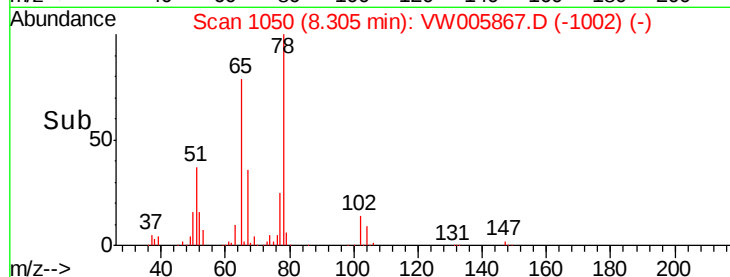
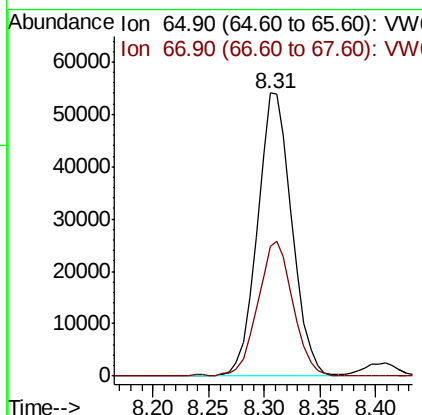
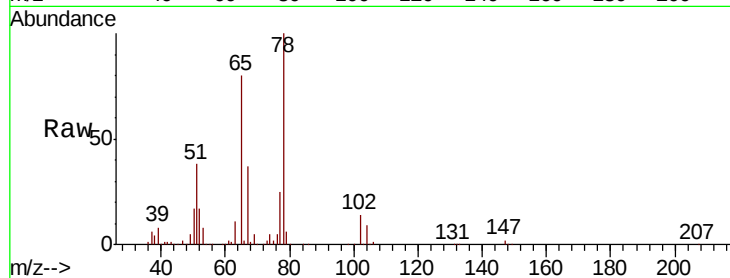




#33
 1,2-Dichloroethane-d4
 Concen: 47.719 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

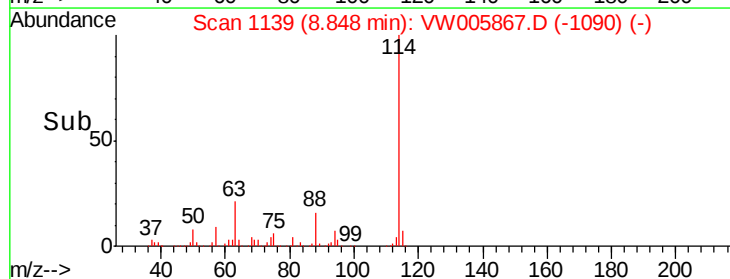
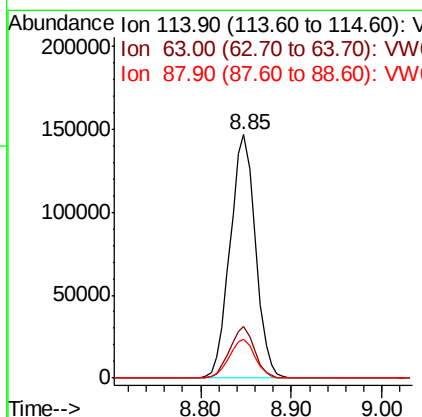
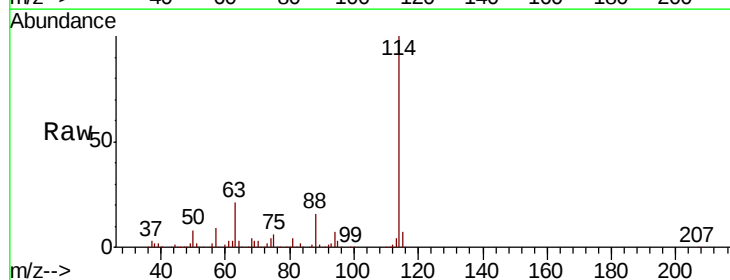
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

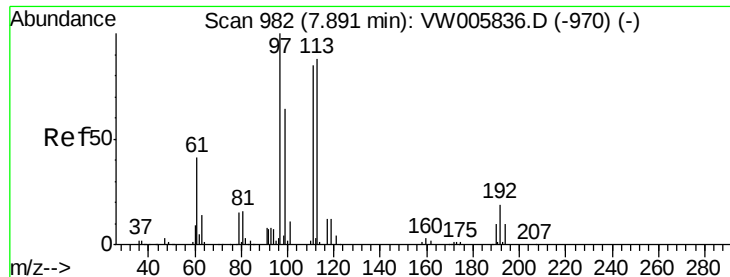
Tgt Ion: 65 Resp: 116236
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 114 Resp: 284562
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.0
 88 15.9 0.0 31.2

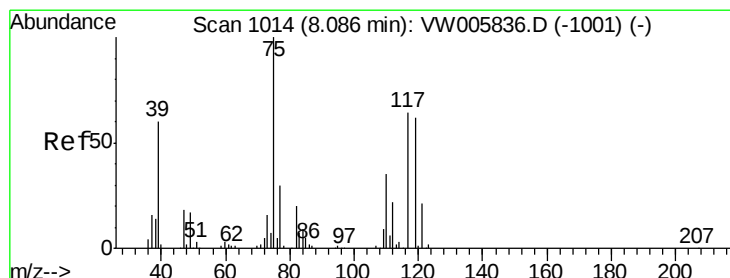
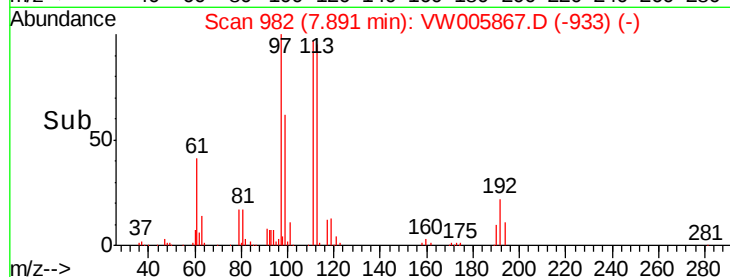
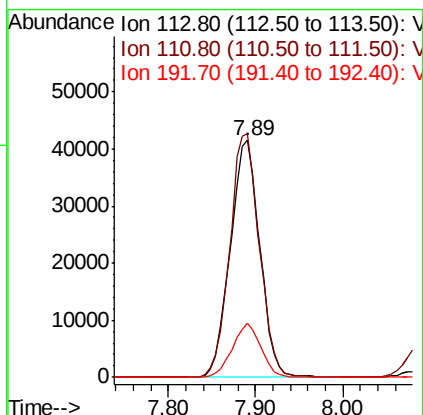
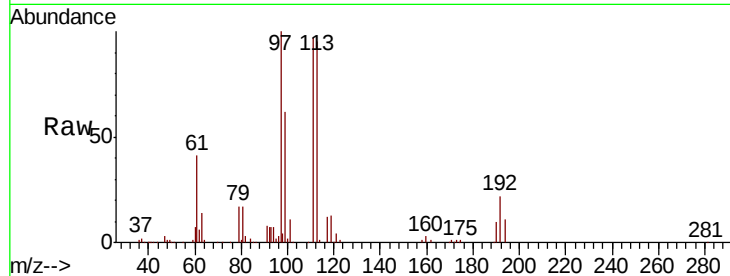




#35
 Dibromofluoromethane
 Concen: 52.318 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

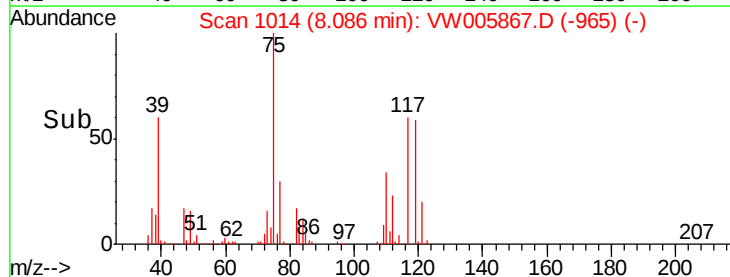
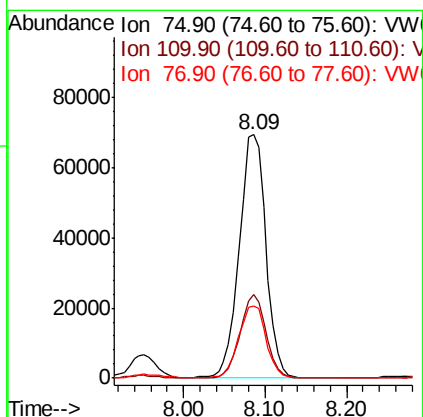
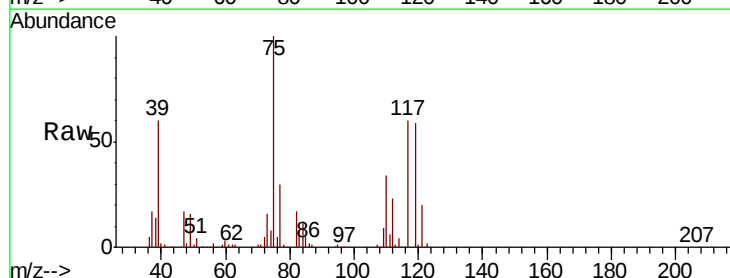
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

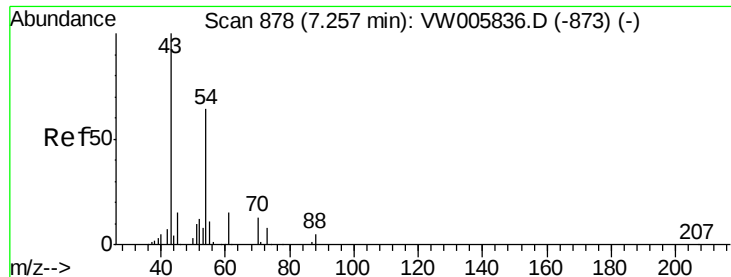
Tgt Ion: 113 Resp: 97580
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.2
 192 21.9 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 55.612 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 75 Resp: 157302
 Ion Ratio Lower Upper
 75 100
 110 33.1 17.5 52.6
 77 30.5 24.8 37.2

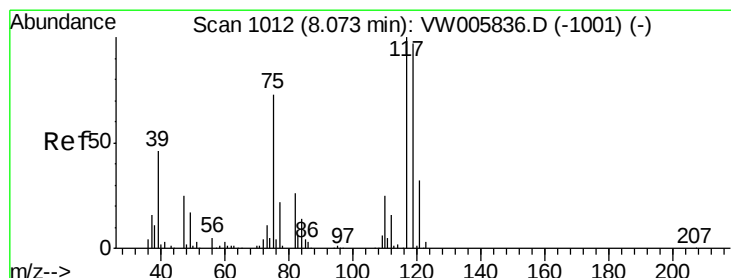
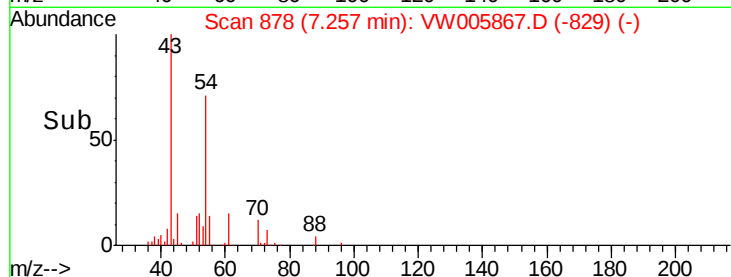
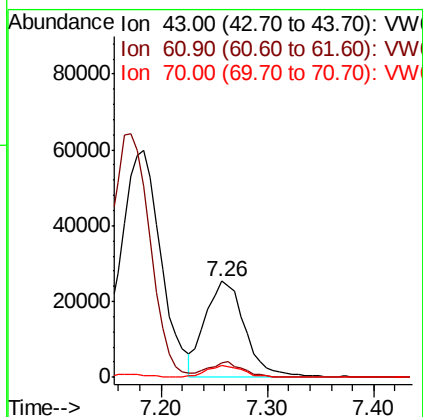
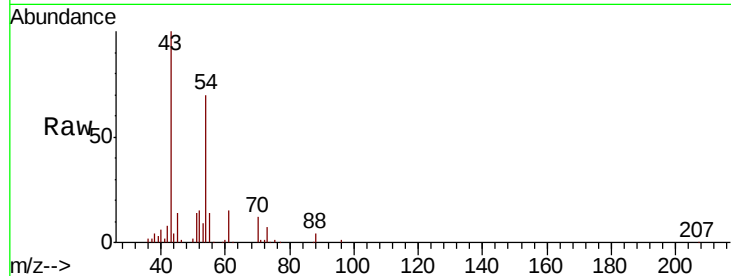




#37
Ethyl Acetate
Concen: 55.067 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

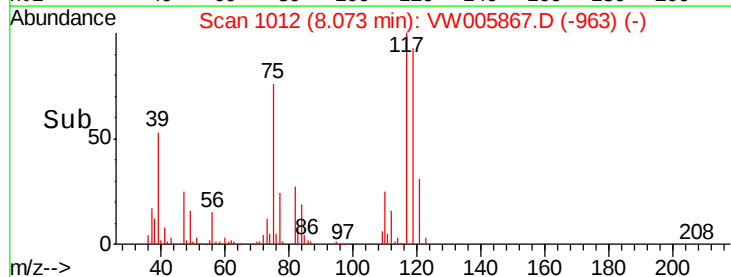
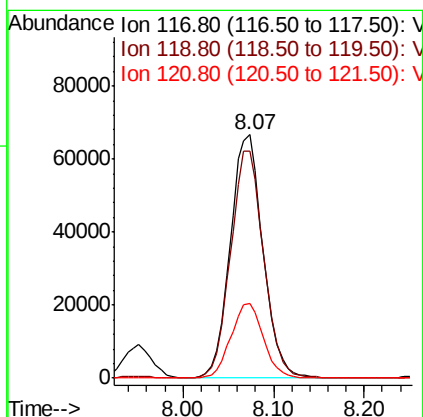
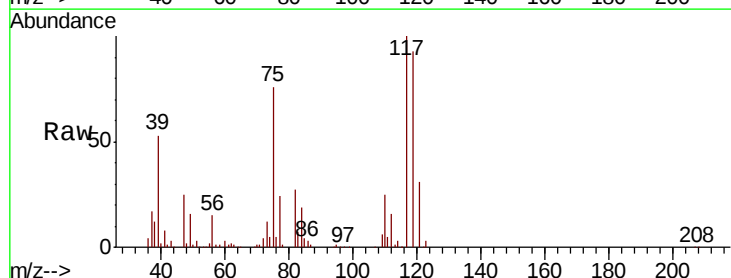
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

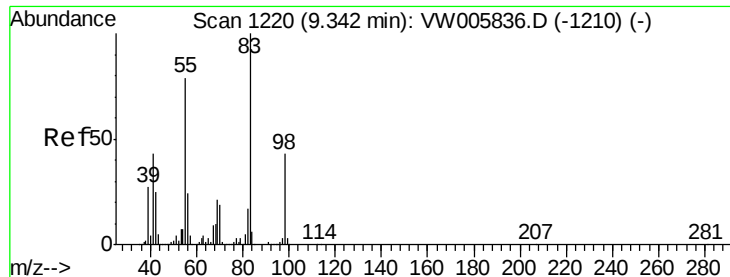
Tgt Ion: 43 Resp: 64826
Ion Ratio Lower Upper
43 100
61 14.3 11.2 16.8
70 11.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 52.757 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 117 Resp: 166277
Ion Ratio Lower Upper
117 100
119 93.0 77.9 116.9
121 30.8 25.2 37.8

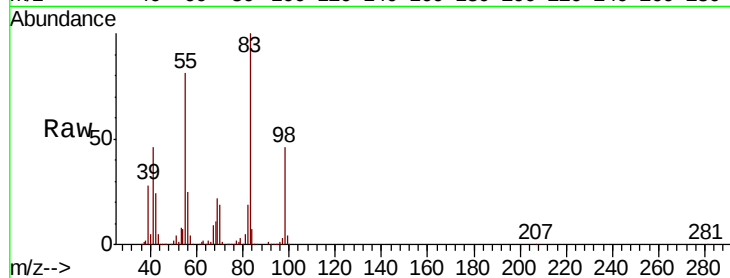




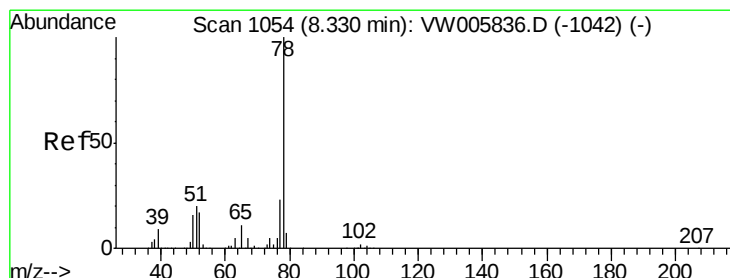
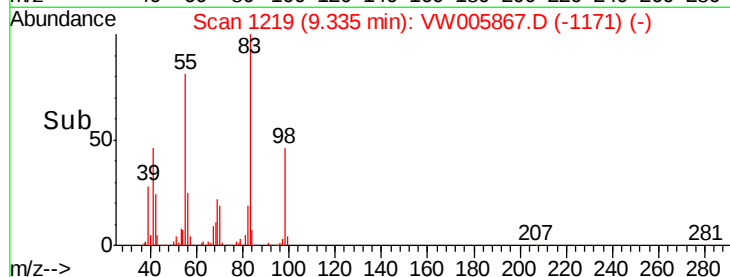
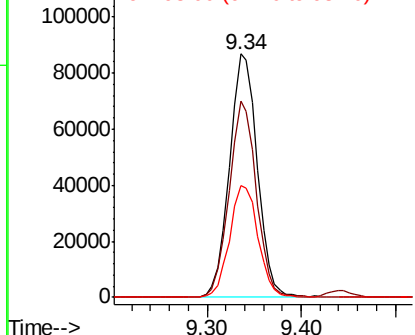
#39
Methylcyclohexane
Concen: 56.140 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 178764
Ion Ratio Lower Upper
83 100
55 80.8 63.0 94.4
98 46.0 34.5 51.7

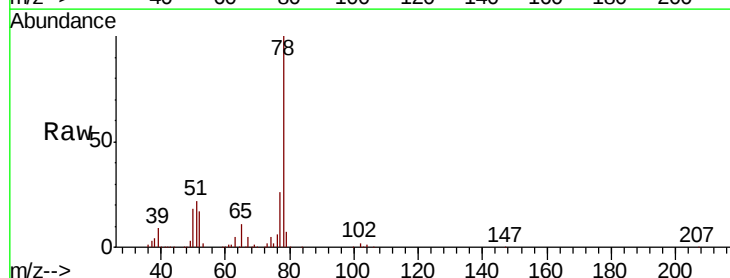


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

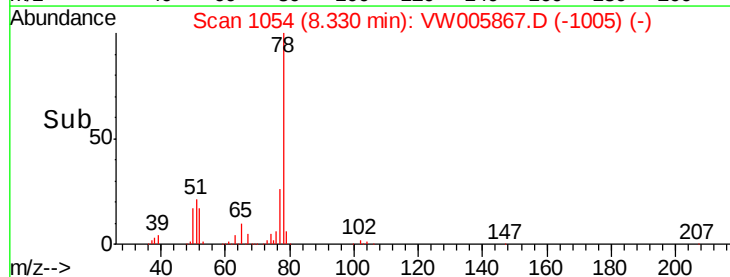
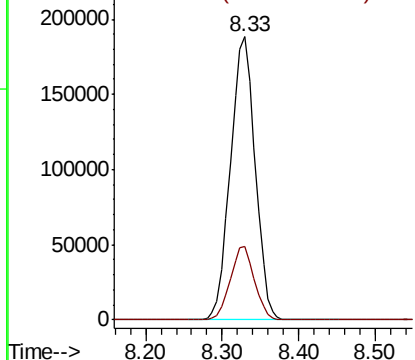


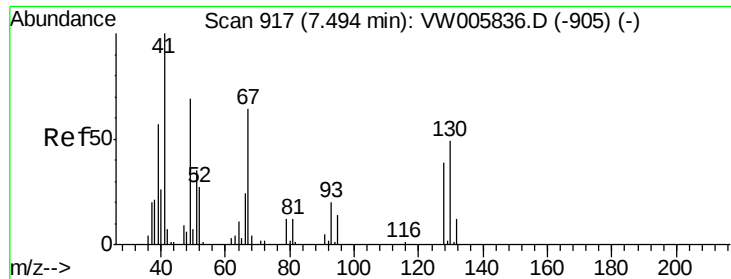
#40
Benzene
Concen: 51.214 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 78 Resp: 419842
Ion Ratio Lower Upper
78 100
77 26.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

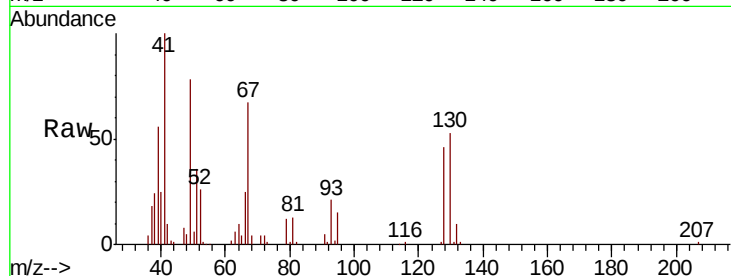




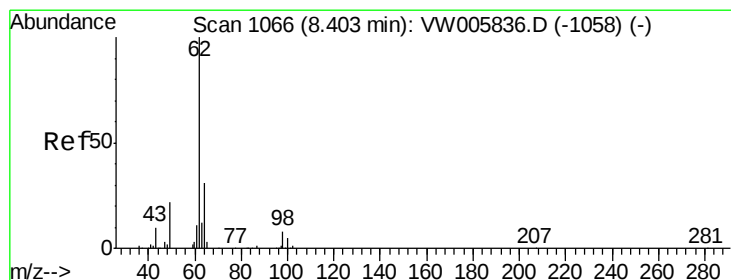
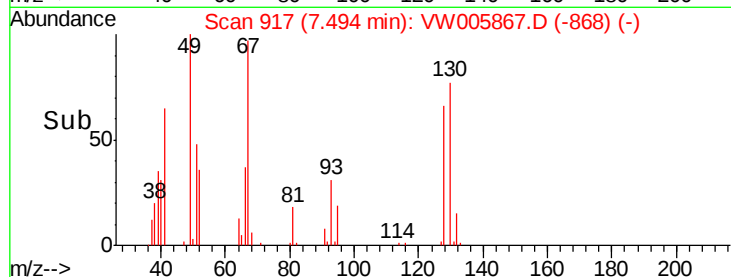
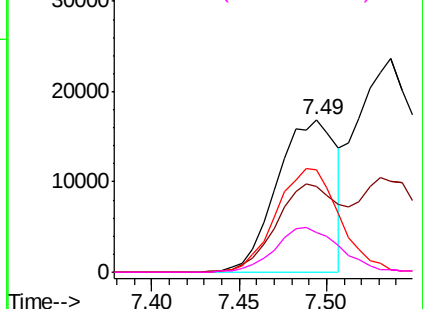
#41
Methacrylonitrile
Concen: 56.911 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	40035
Ion	Ratio	Lower	Upper
41	100		
39	63.8	45.6	68.4
67	73.0	53.6	80.4
52	32.9	23.9	35.9

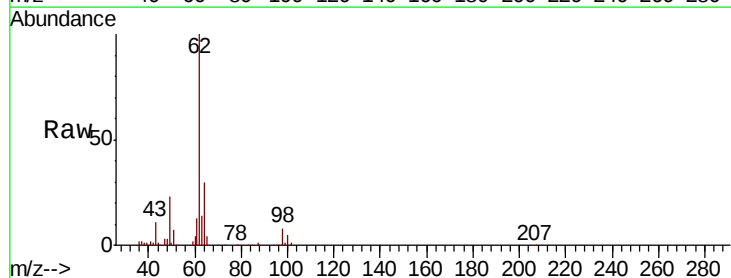


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

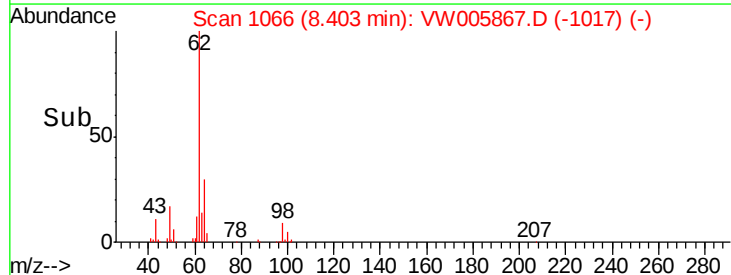
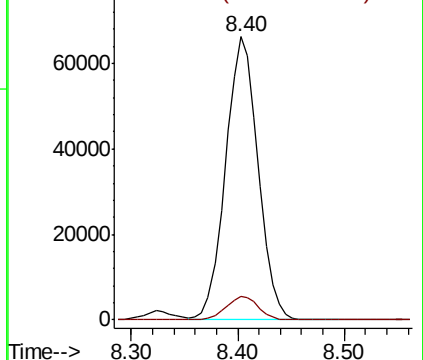


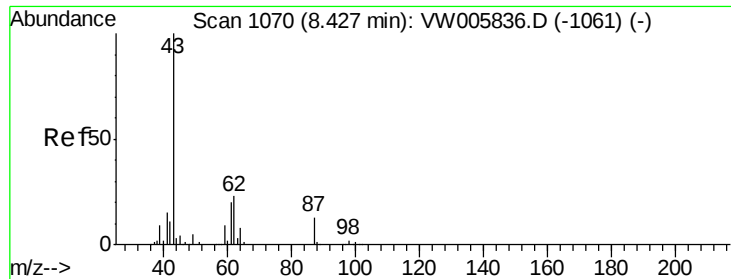
#42
1,2-Dichloroethane
Concen: 51.254 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion:	62	Resp:	141321
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

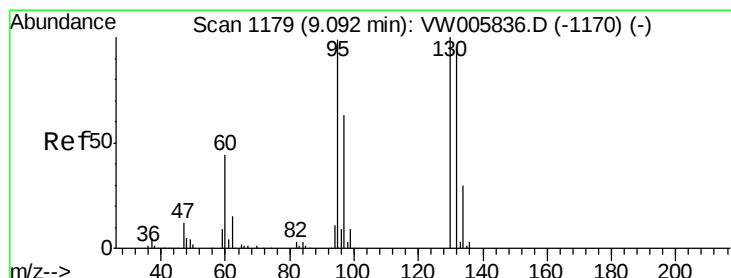
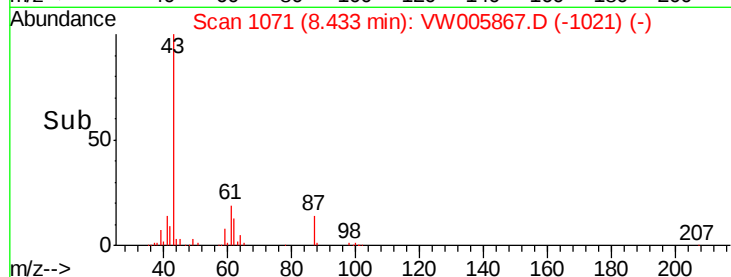
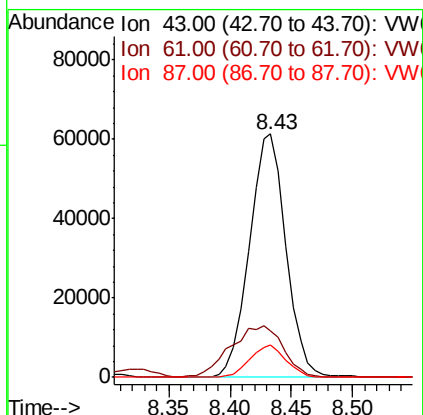
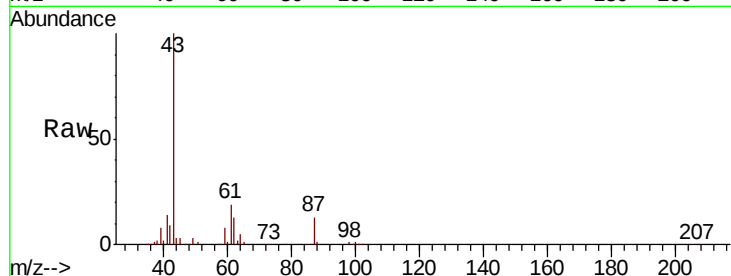




#43
Isopropyl Acetate
Concen: 54.777 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

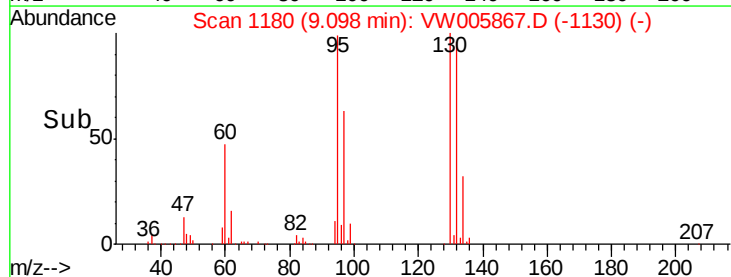
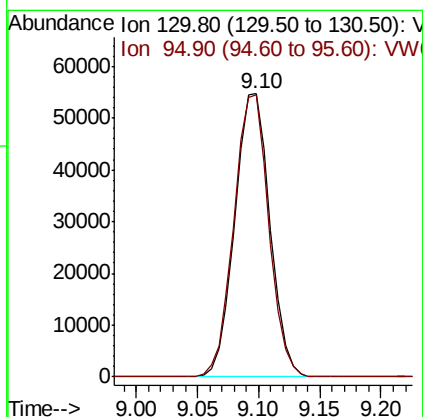
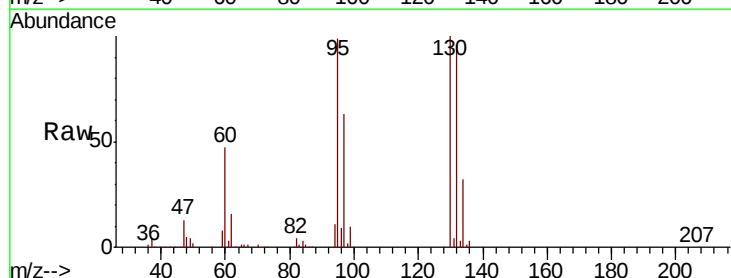
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

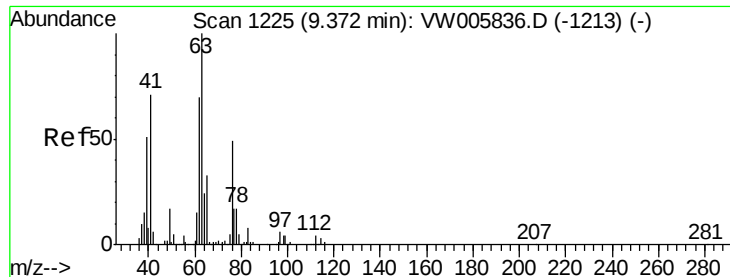
Tgt Ion: 43 Resp: 127460
Ion Ratio Lower Upper
43 100
61 30.6 24.1 36.1
87 13.2 10.6 16.0



#44
Trichloroethene
Concen: 50.224 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 130 Resp: 108818
Ion Ratio Lower Upper
130 100
95 99.4 0.0 197.6

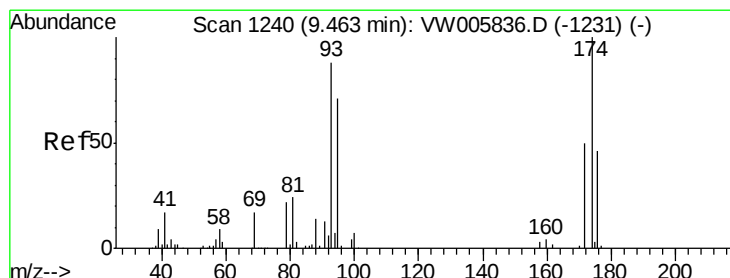
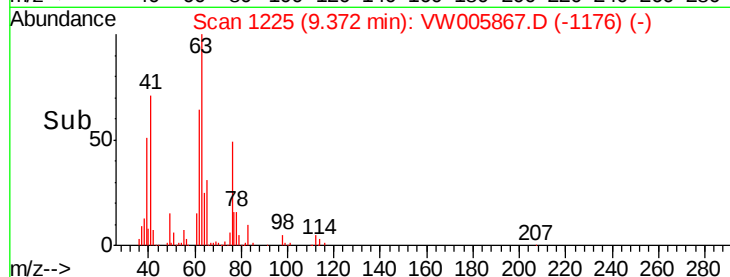
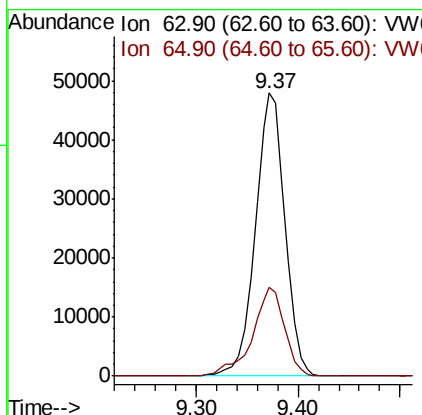
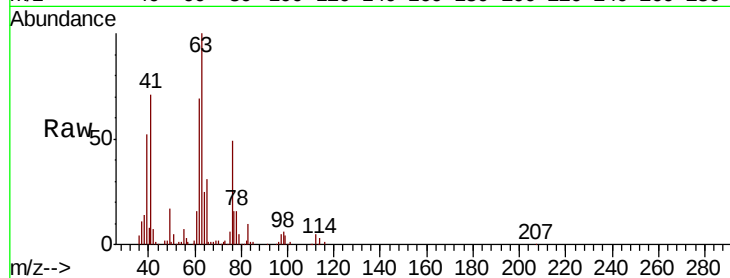




#45
 1,2-Dichloropropane
 Concen: 49.700 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

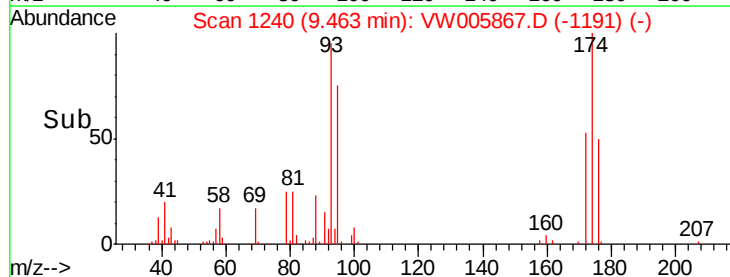
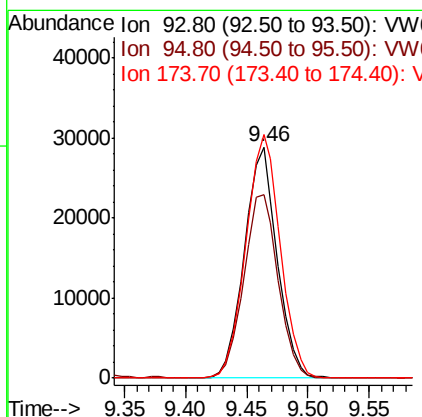
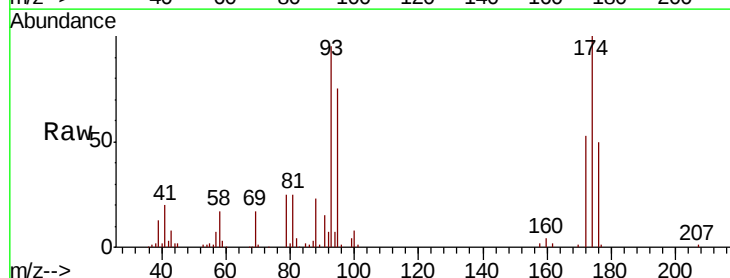
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

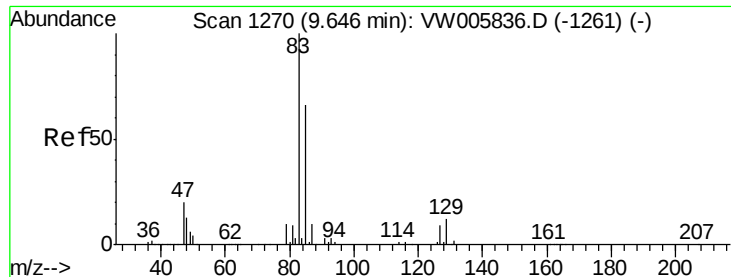
Tgt Ion: 63 Resp: 96478
 Ion Ratio Lower Upper
 63 100
 65 31.4 26.1 39.1



#46
 Dibromomethane
 Concen: 50.533 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 93 Resp: 53650
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 110.8 88.4 132.6





#47

Bromodichloromethane

Concen: 51.799 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

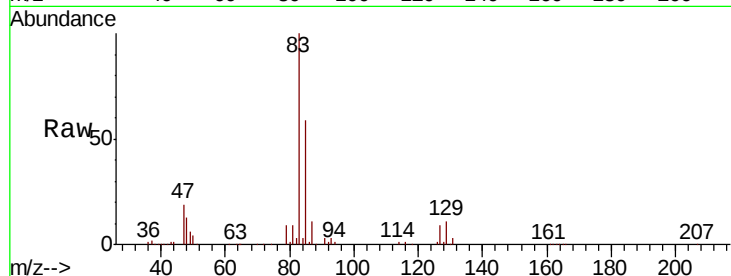
Tgt Ion: 83 Resp: 145546

Ion Ratio Lower Upper

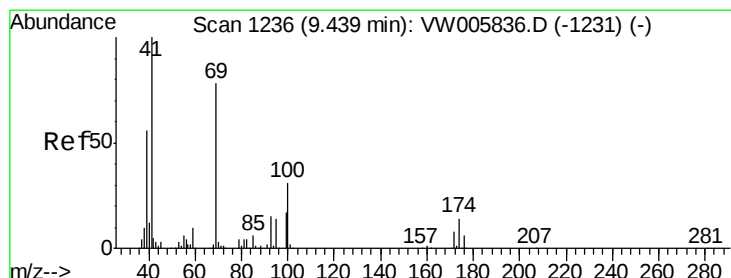
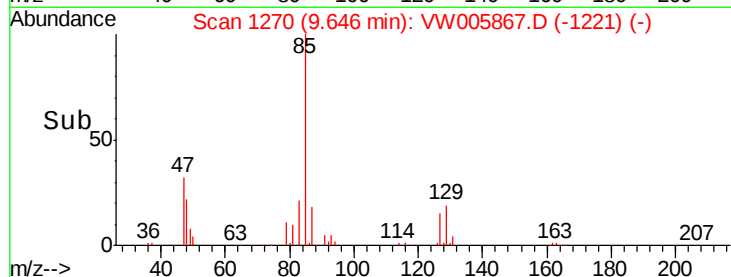
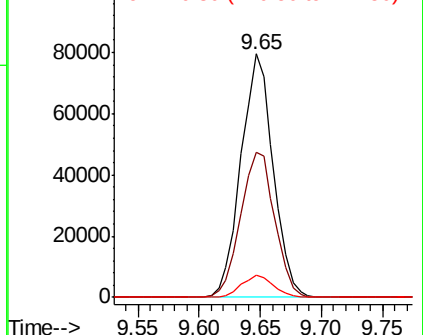
83 100

85 59.5 52.6 78.8

127 9.0 7.4 11.0



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: 54.318 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

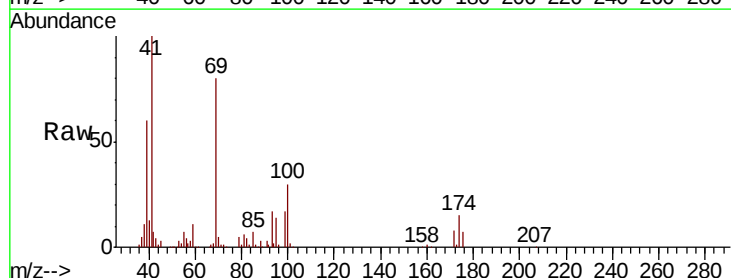
Tgt Ion: 41 Resp: 61192

Ion Ratio Lower Upper

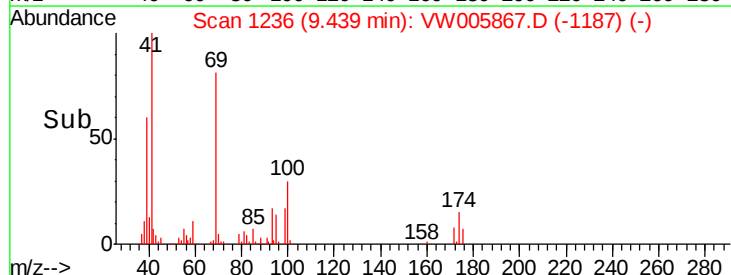
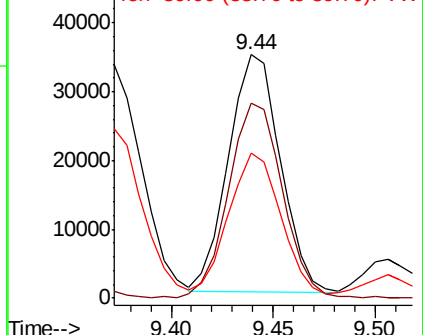
41 100

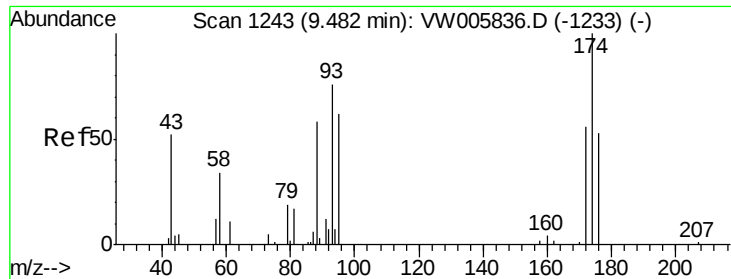
69 85.7 66.4 99.6

39 58.1 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

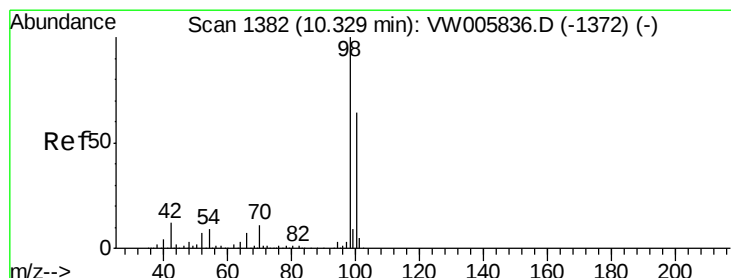
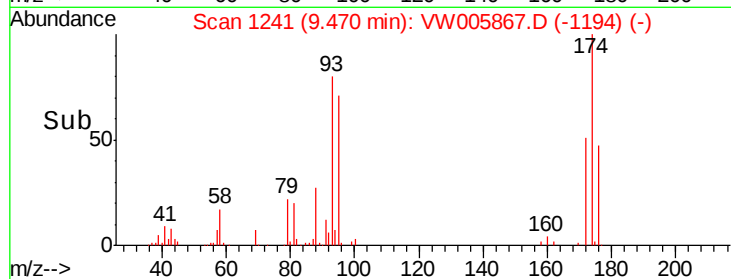
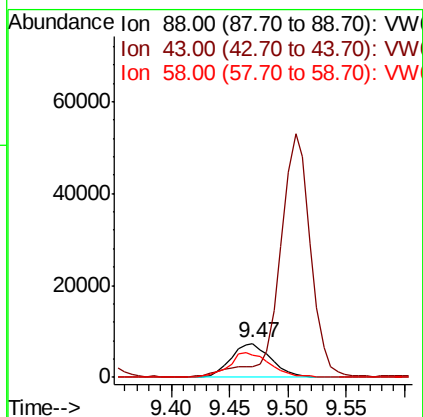
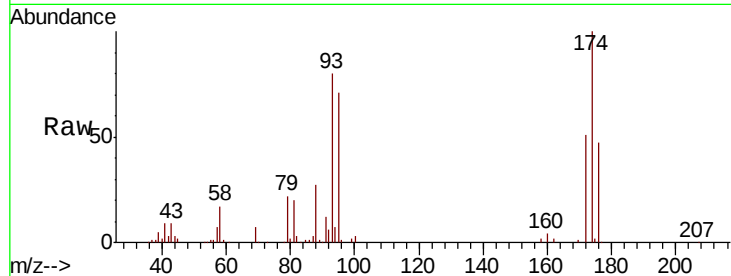




#49
1,4-Dioxane
Concen: 1059.687 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

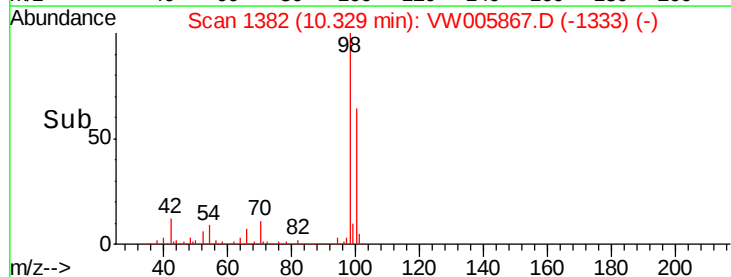
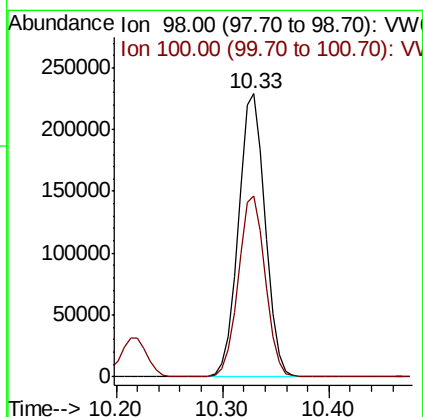
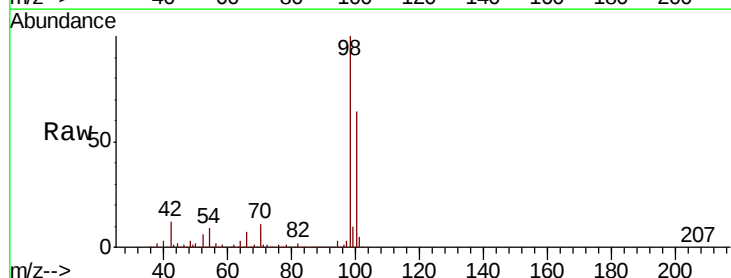
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

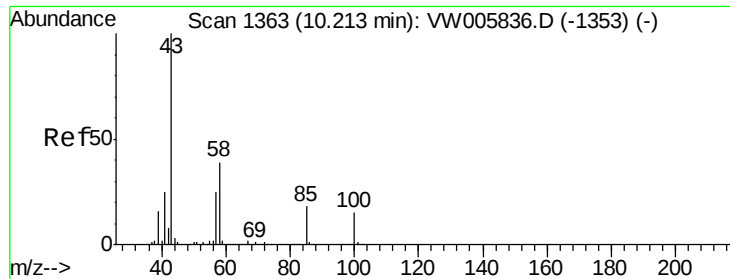
Tgt Ion: 88 Resp: 17578
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.9 58.1 87.1



#50
Toluene-d8
Concen: 54.433 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 98 Resp: 403129
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

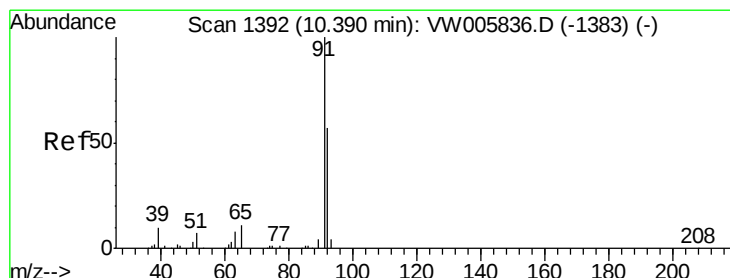
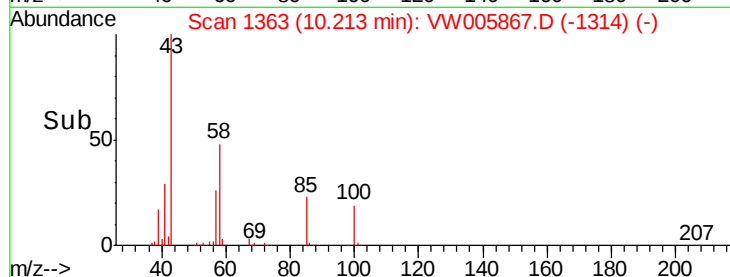
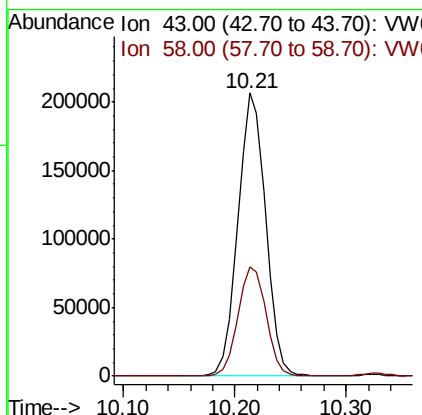
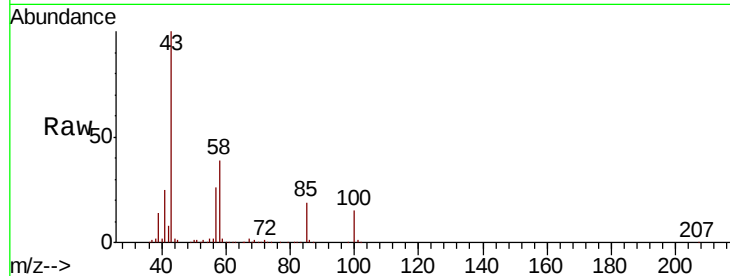




#51
 4-Methyl-2-Pentanone
 Concen: 293.364 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

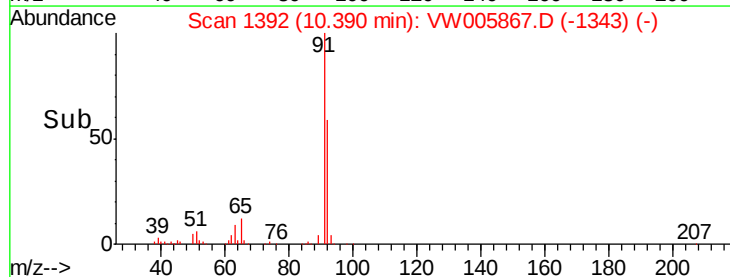
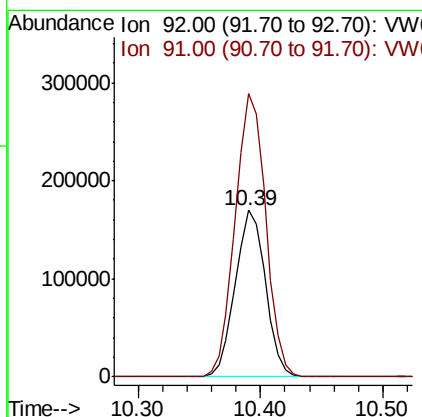
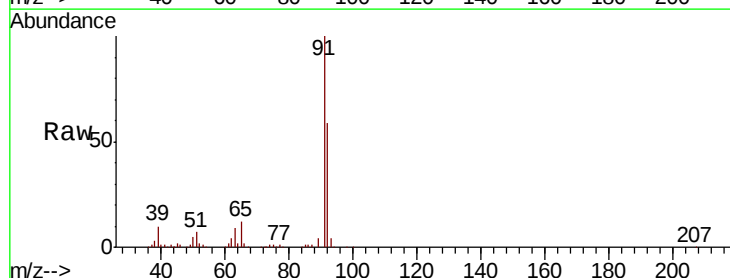
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

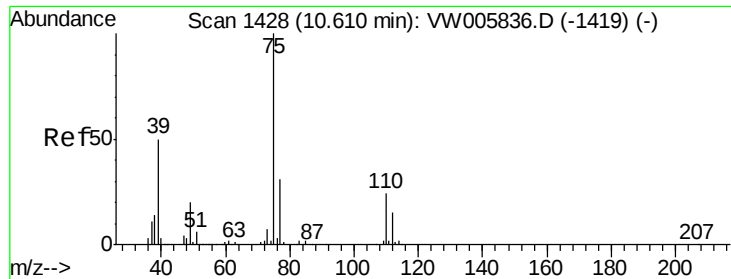
Tgt Ion: 43 Resp: 355132
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.6 45.8



#52
 Toluene
 Concen: 55.635 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 92 Resp: 290684
 Ion Ratio Lower Upper
 92 100
 91 172.5 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 56.396 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

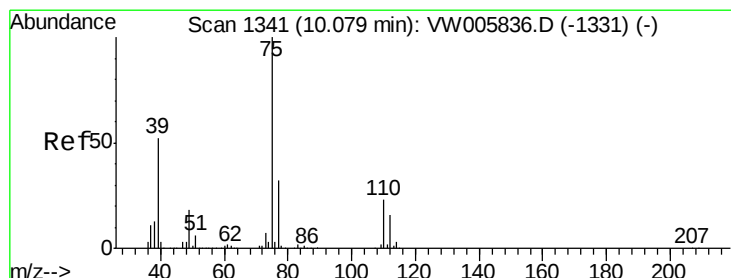
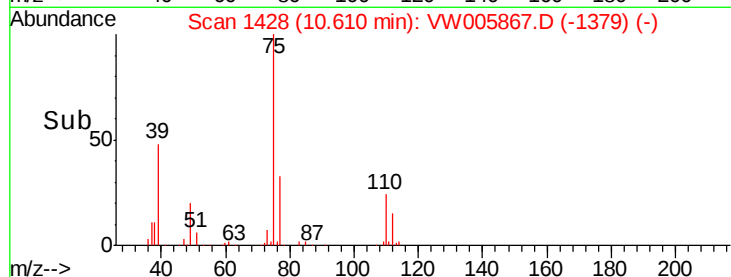
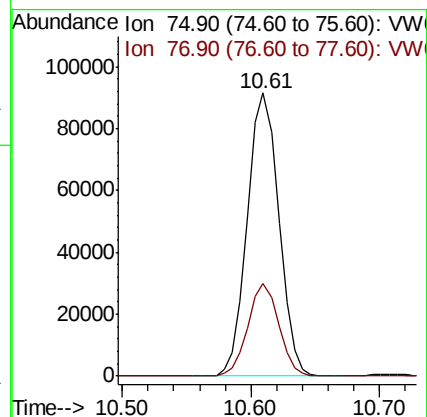
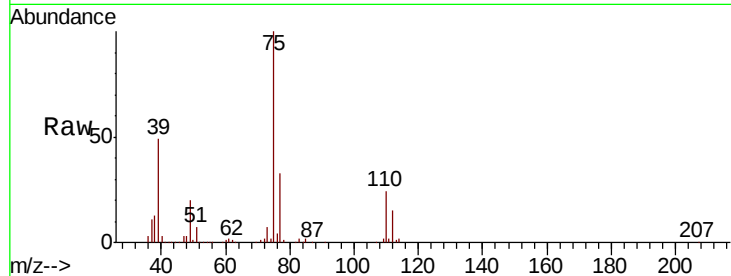
VSTDCCC050

Tgt Ion: 75 Resp: 154722

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 56.594 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

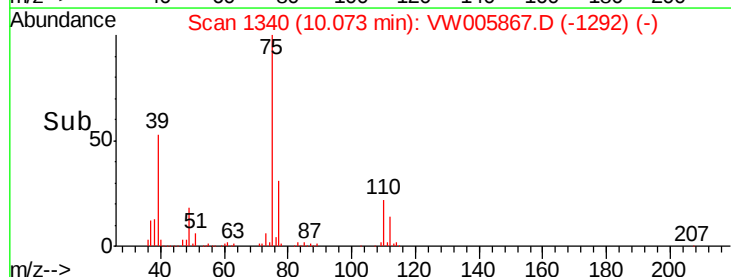
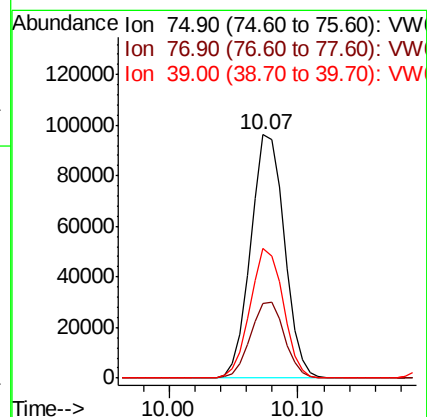
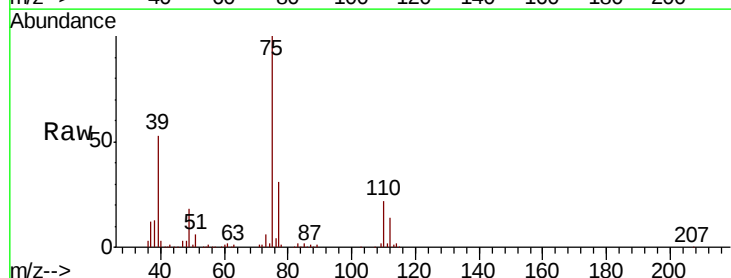
Tgt Ion: 75 Resp: 173834

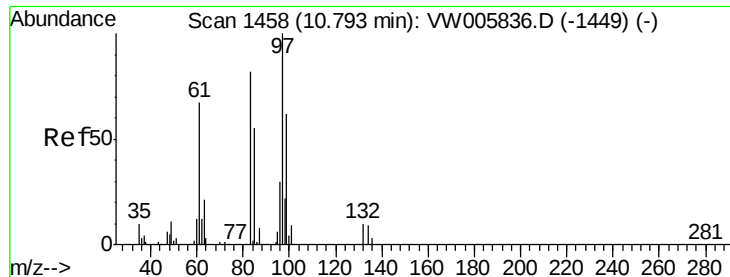
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2

39 53.1 41.9 62.9

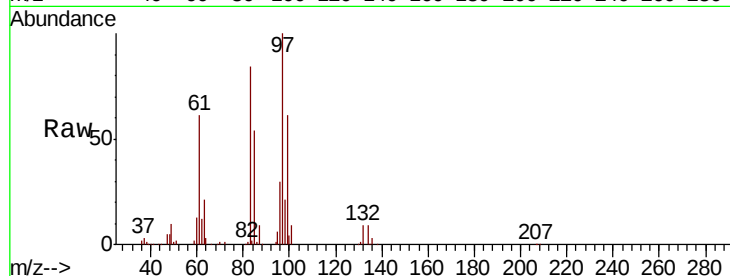




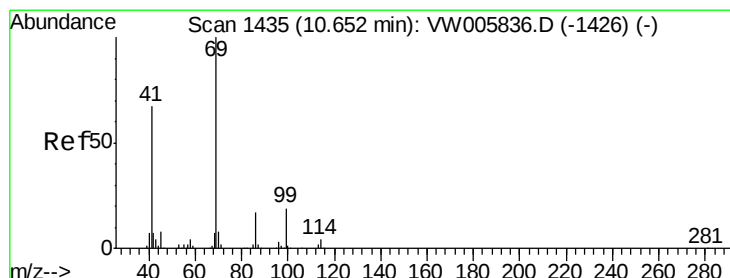
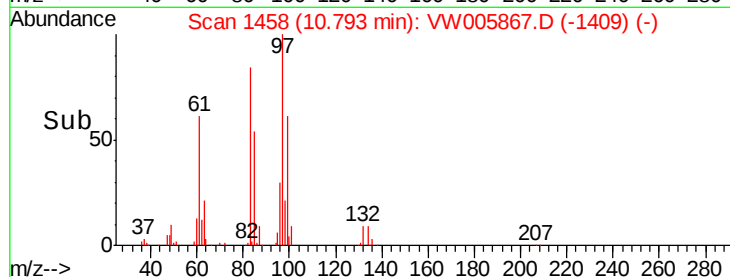
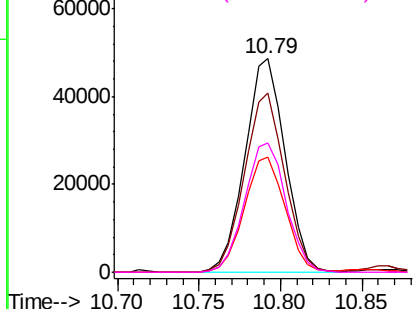
#55
 1,1,2-Trichloroethane
 Concen: 54.531 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	83637
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.9	98.9
85	54.2	44.2	66.2
99	60.6	49.2	73.8

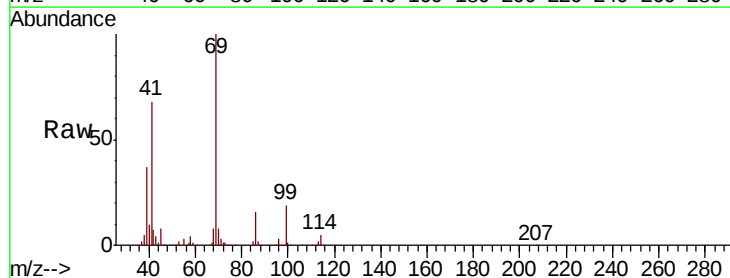


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

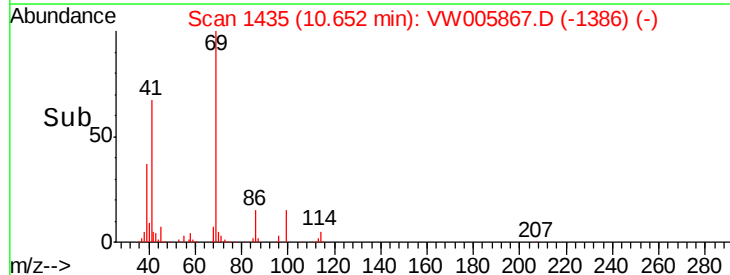
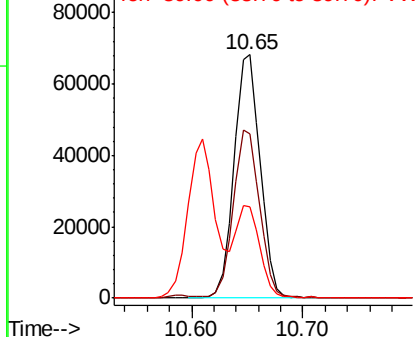


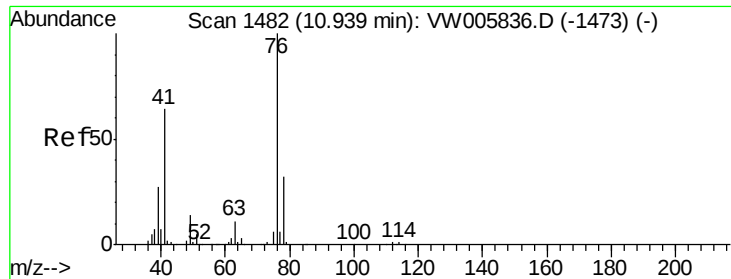
#56
 Ethyl methacrylate
 Concen: 60.160 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion:	69	Resp:	110506
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.8	83.6
39	34.0	29.3	43.9



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

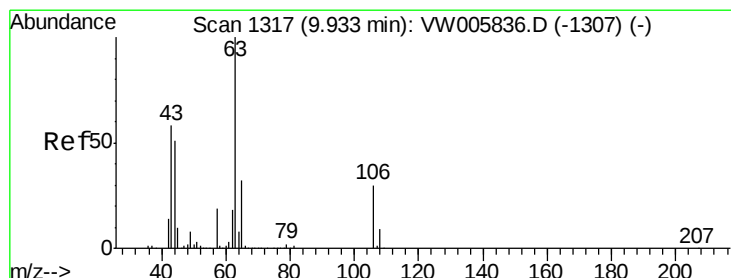
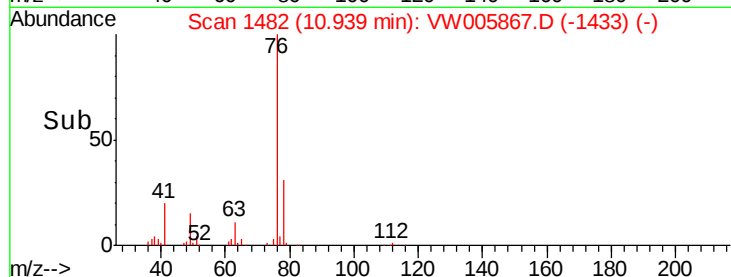
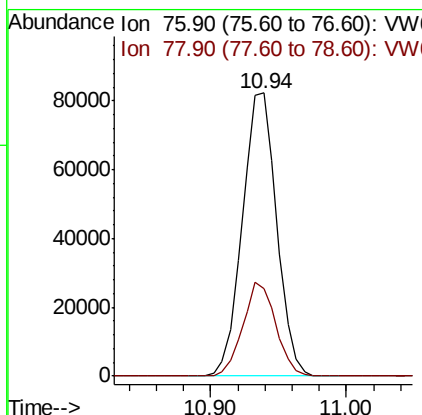
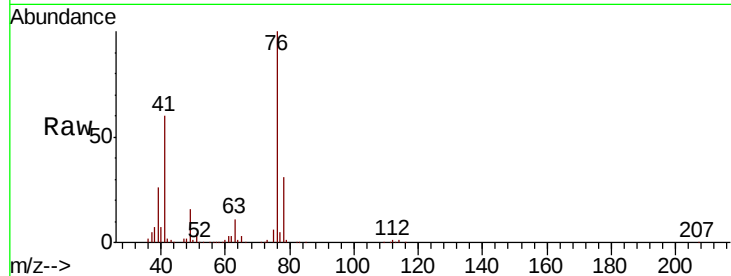




#57
 1,3-Dichloropropane
 Concen: 55.617 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

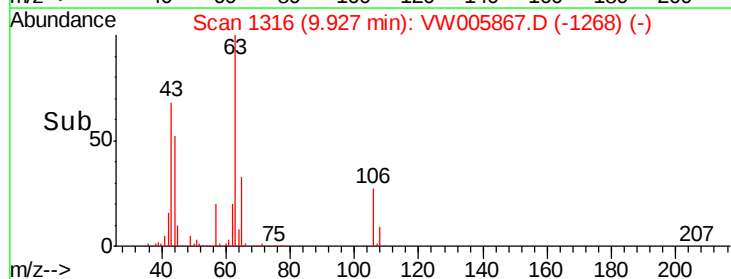
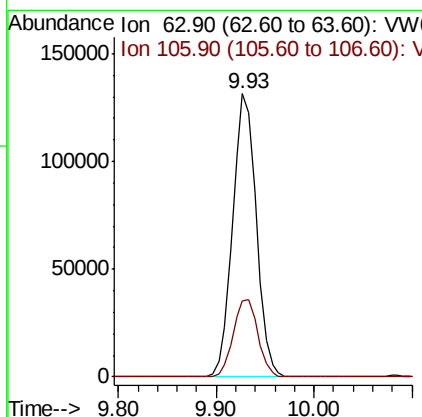
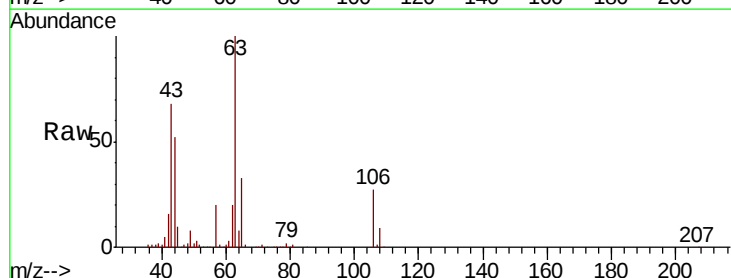
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

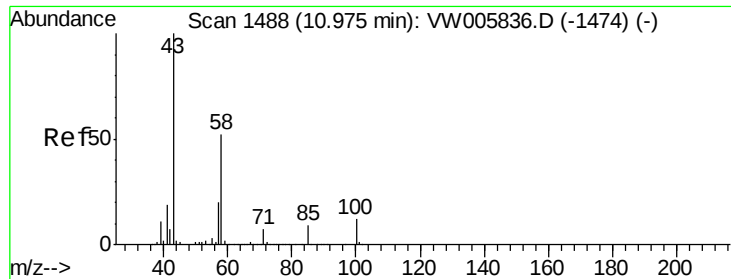
Tgt Ion: 76 Resp: 145221
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 291.953 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 63 Resp: 220468
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.7 35.5

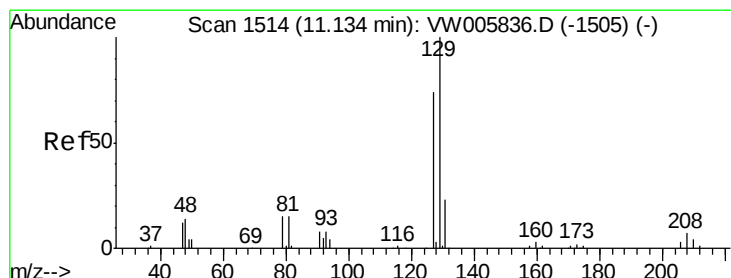
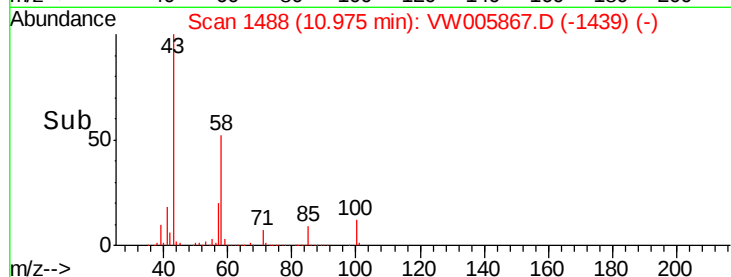
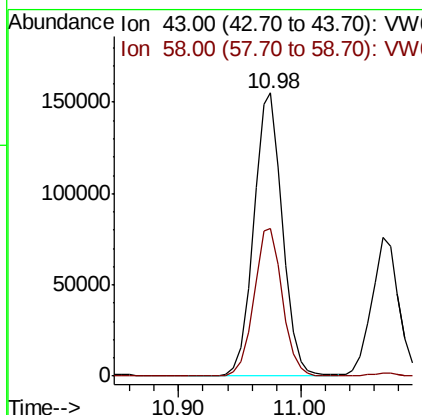
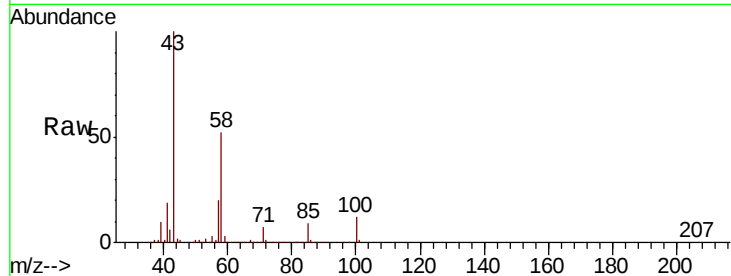




#59
2-Hexanone
Concen: 312.310 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

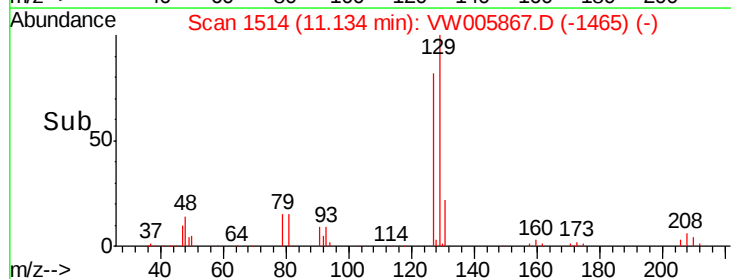
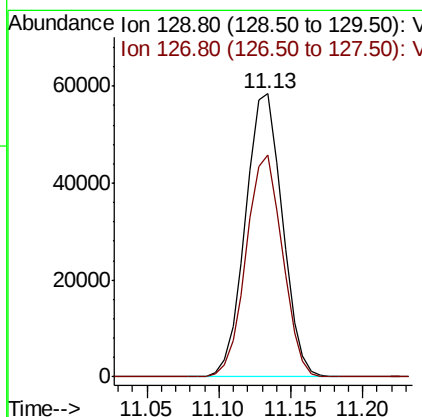
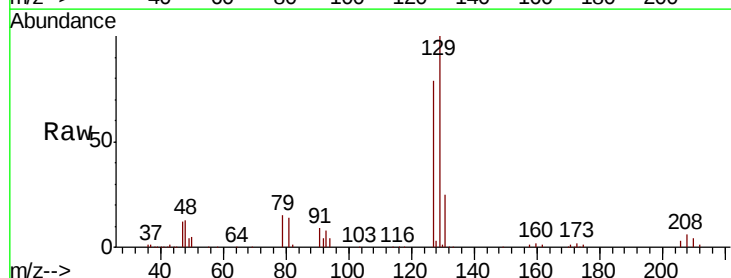
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

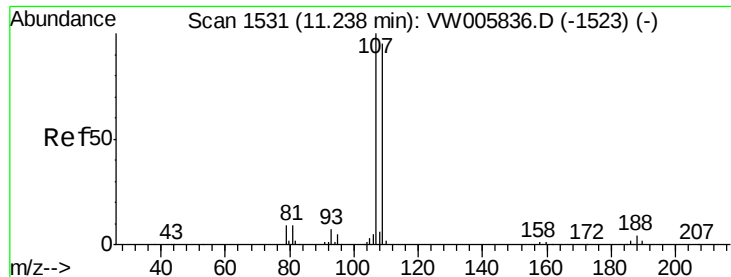
Tgt Ion: 43 Resp: 252871
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7



#60
Dibromochloromethane
Concen: 54.213 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 129 Resp: 103798
Ion Ratio Lower Upper
129 100
127 76.8 37.2 111.6





#61

1,2-Dibromoethane

Concen: 54.739 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

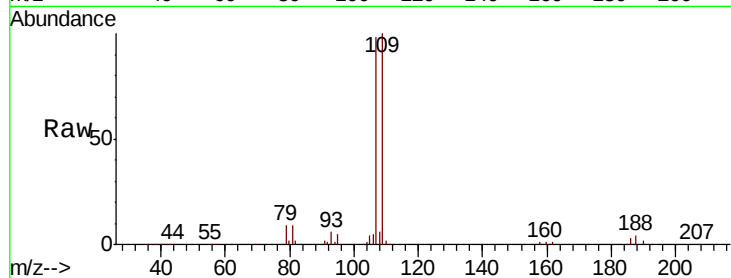
VSTDCCC050

Tgt Ion: 107 Resp: 77986

Ion Ratio Lower Upper

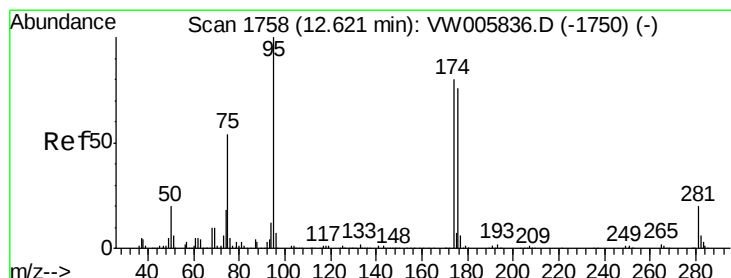
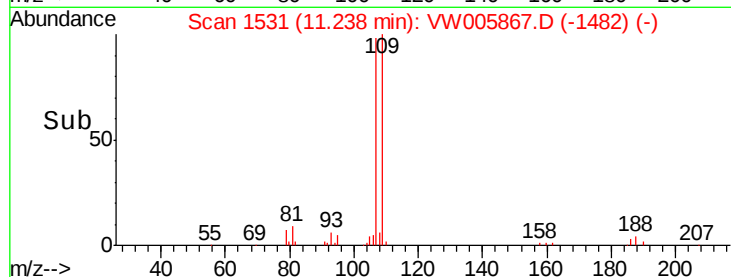
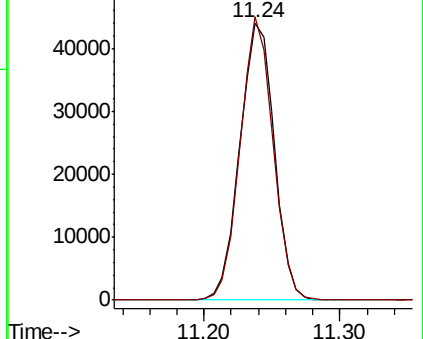
107 100

109 97.6 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

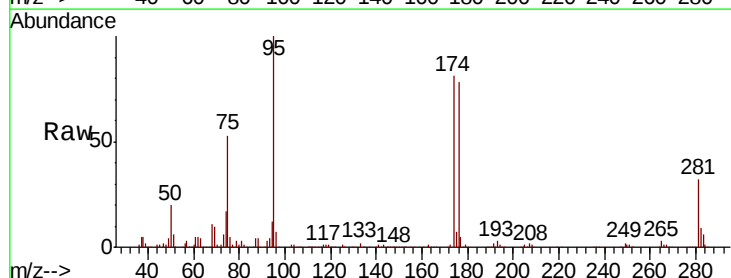
Tgt Ion: 95 Resp: 151443

Ion Ratio Lower Upper

95 100

174 82.7 0.0 169.0

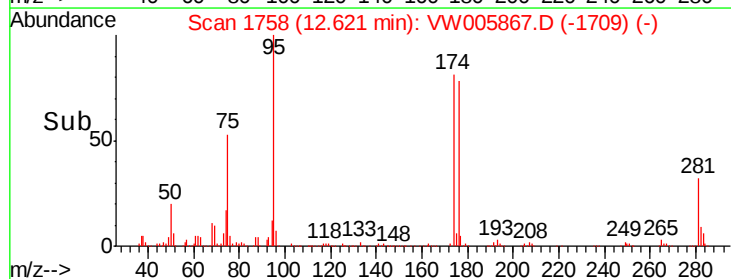
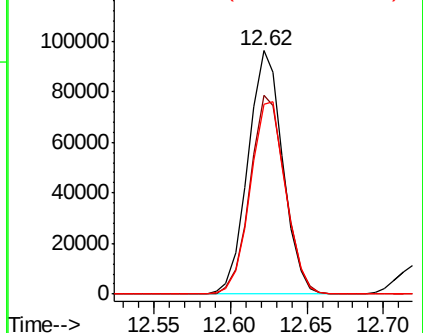
176 80.9 0.0 164.2

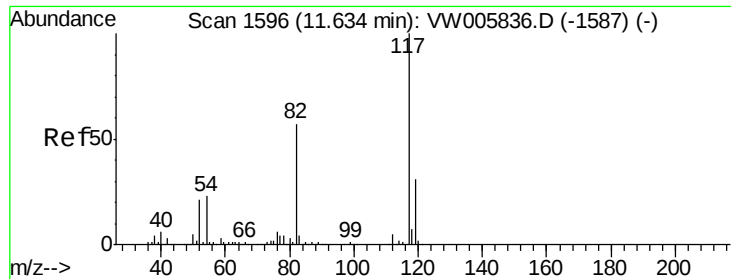


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

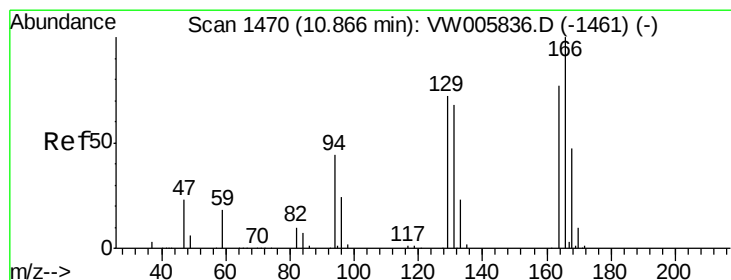
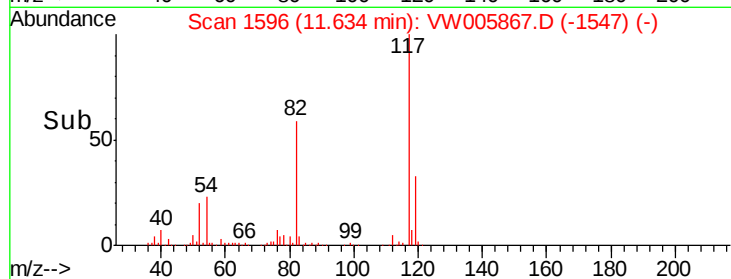
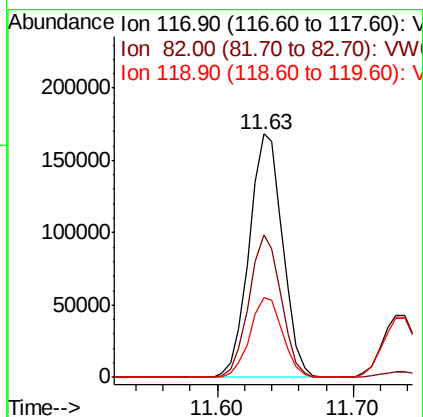
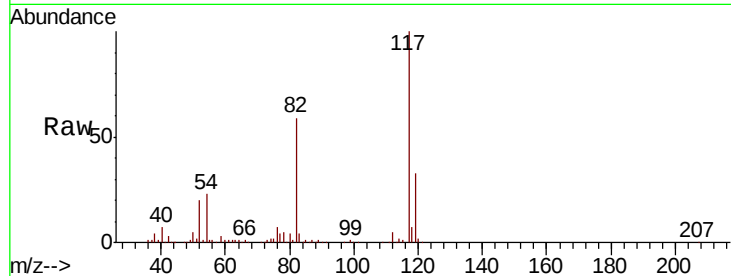




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

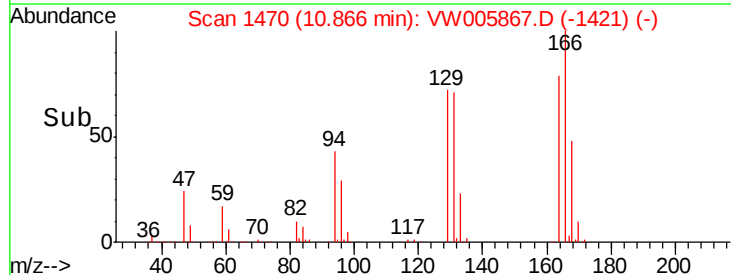
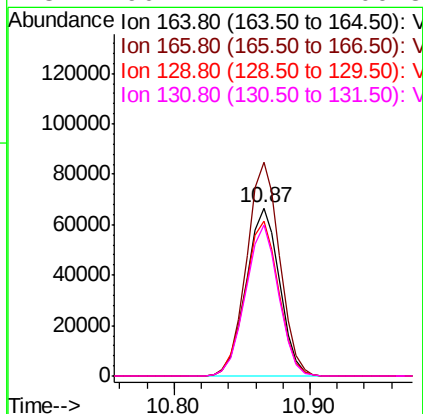
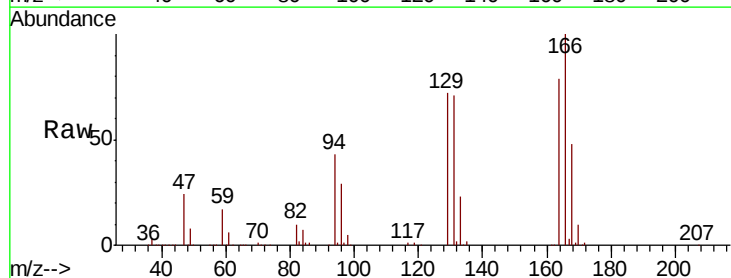
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

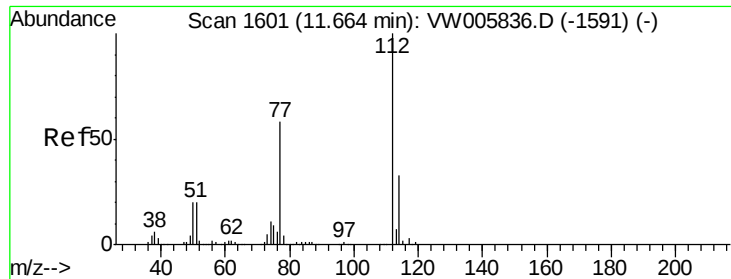
Tgt Ion:117 Resp: 290211
Ion Ratio Lower Upper
117 100
82 58.5 45.6 68.4
119 32.8 25.0 37.6



#64
Tetrachloroethene
Concen: 50.513 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion:164 Resp: 114428
Ion Ratio Lower Upper
164 100
166 127.3 104.0 156.0
129 92.0 74.8 112.2
131 90.1 71.2 106.8

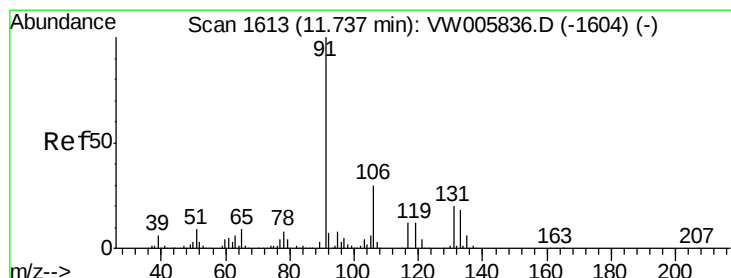
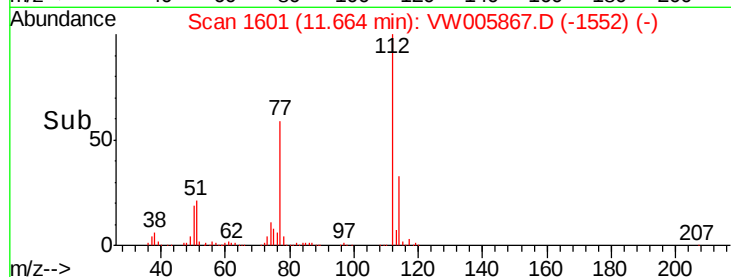
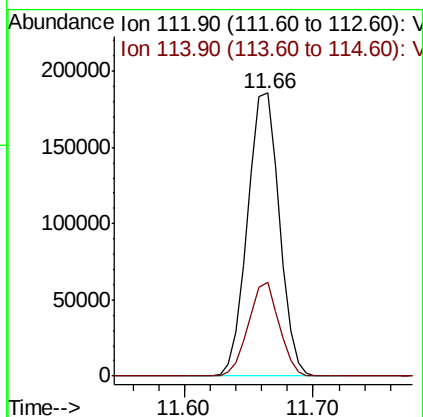
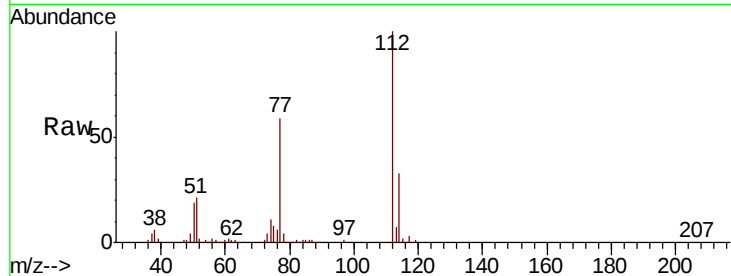




#65
Chlorobenzene
Concen: 49.950 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

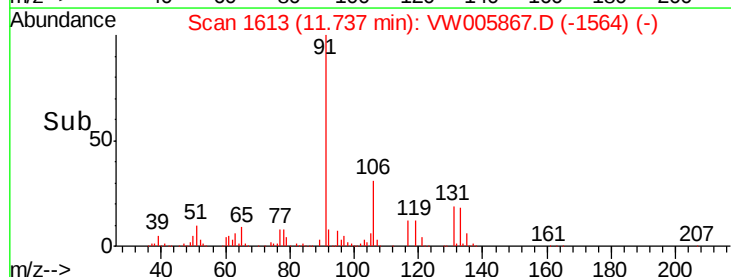
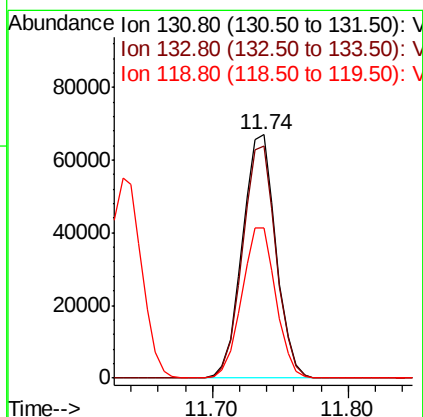
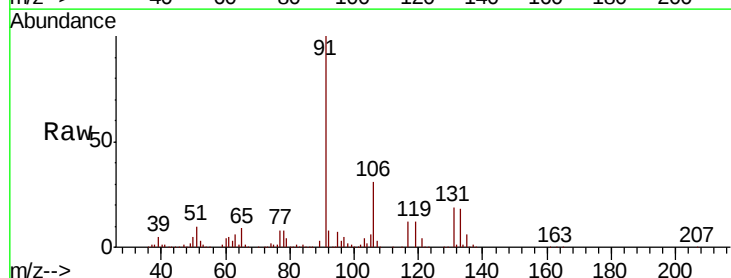
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

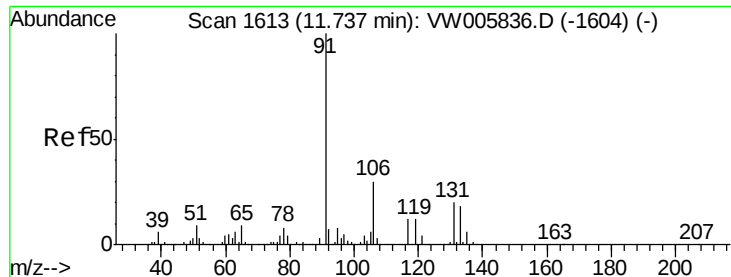
Tgt Ion:112 Resp: 316960
Ion Ratio Lower Upper
112 100
114 33.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.088 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion:131 Resp: 115456
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 62.5 30.4 91.2

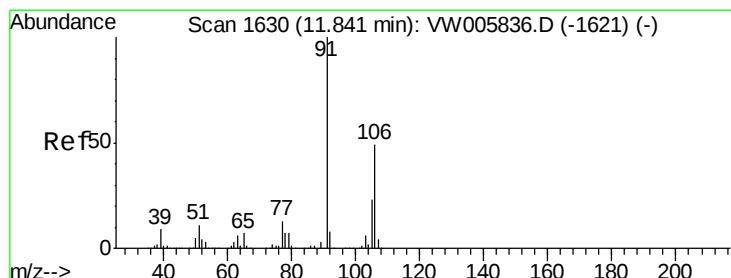
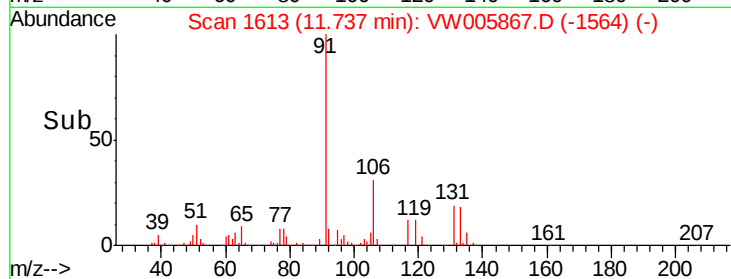
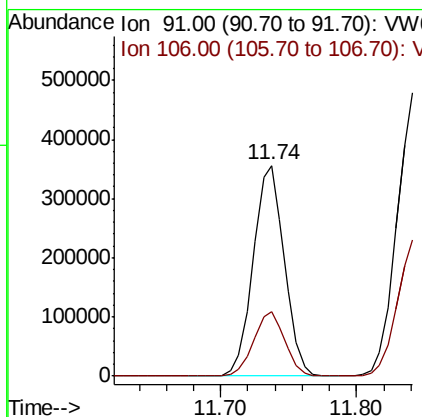
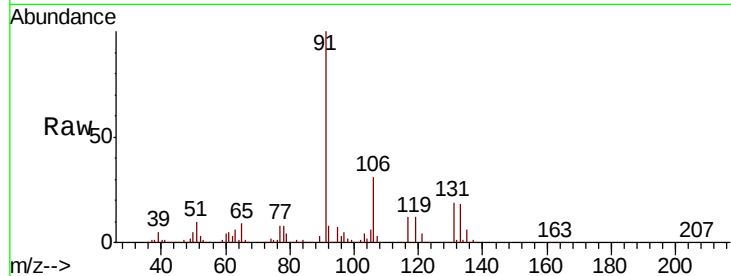




#67
Ethyl Benzene
Concen: 52.666 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

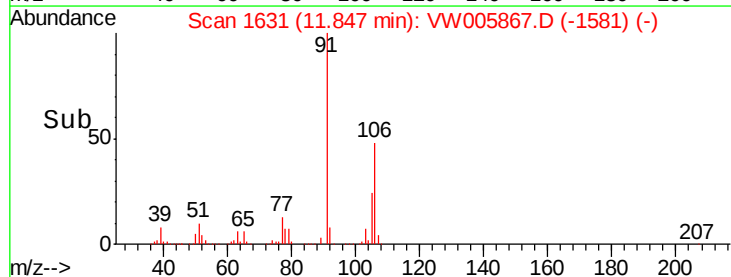
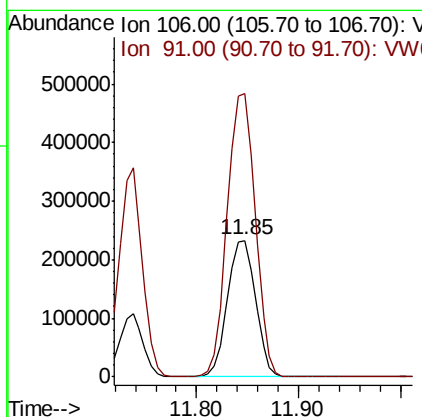
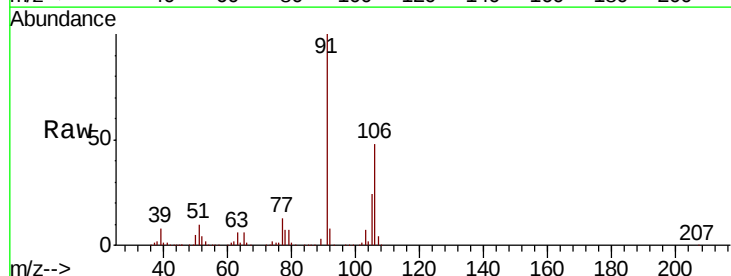
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

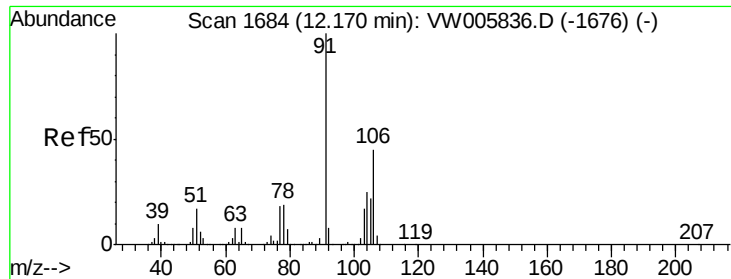
Tgt Ion: 91 Resp: 572249
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 105.459 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 106 Resp: 441546
Ion Ratio Lower Upper
106 100
91 208.8 165.4 248.0

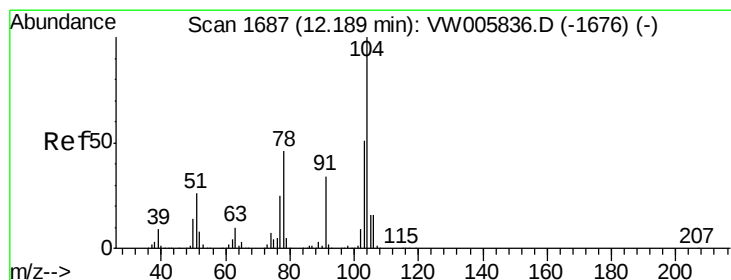
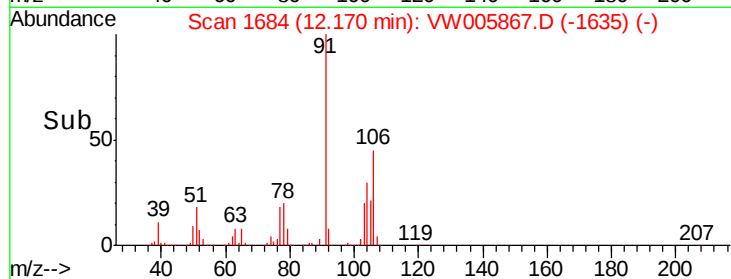
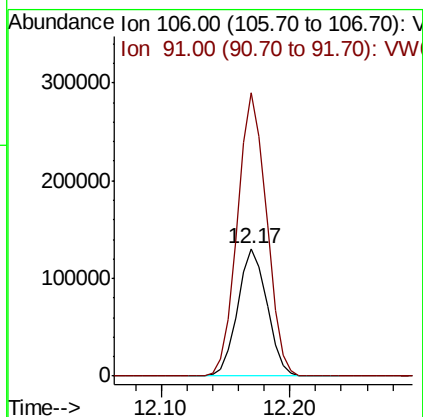
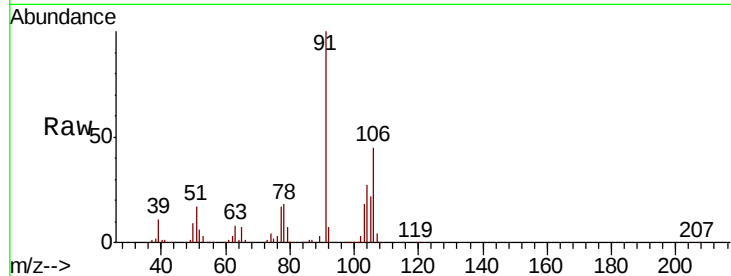




#69
o-Xylene
Concen: 52.780 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

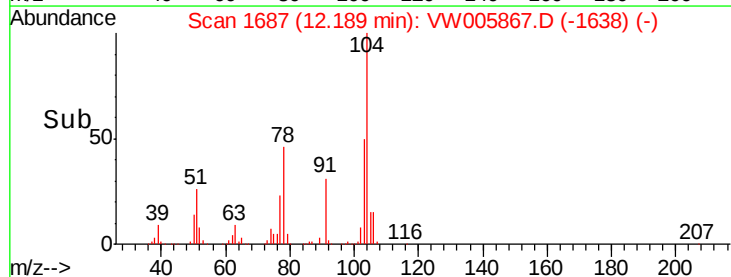
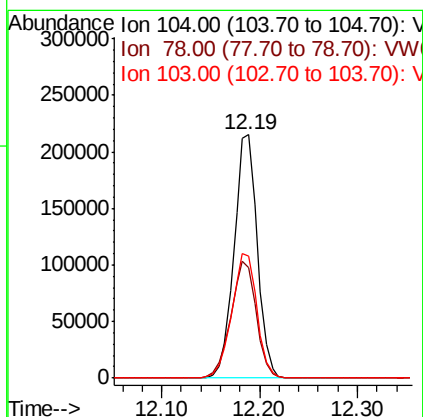
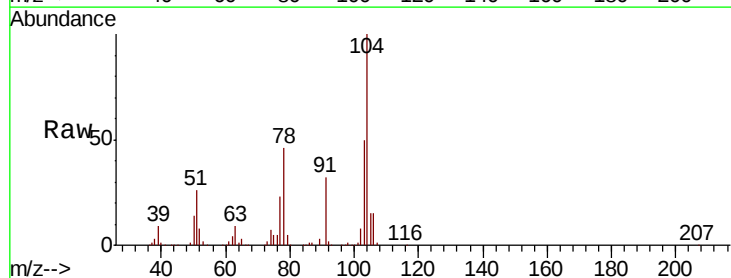
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

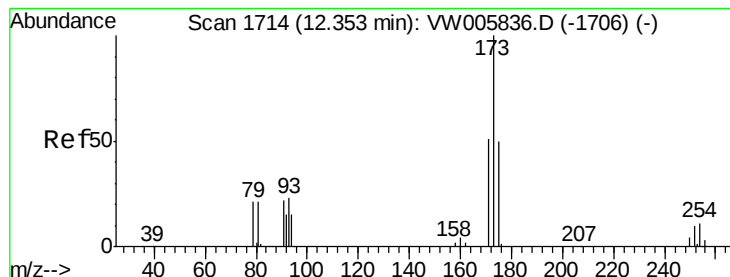
Tgt Ion:106 Resp: 205404
Ion Ratio Lower Upper
106 100
91 221.6 109.7 329.1



#70
Styrene
Concen: 53.568 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion:104 Resp: 353604
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.2 44.9 67.3





#71

Bromoform

Concen: 51.776 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

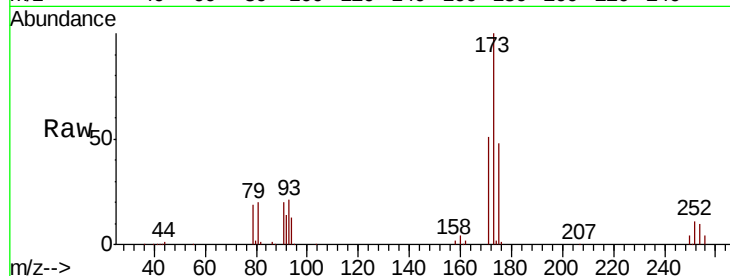
Tgt Ion:173 Resp: 67040

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

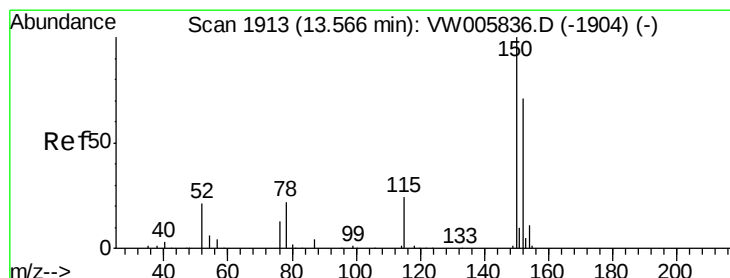
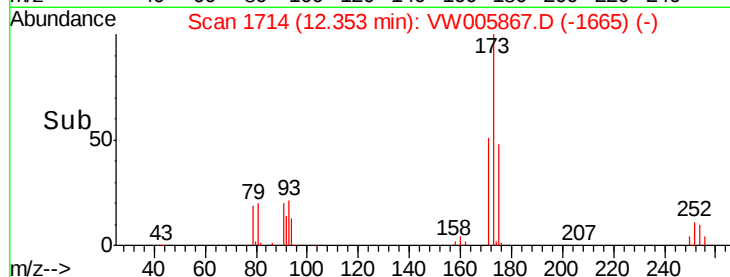
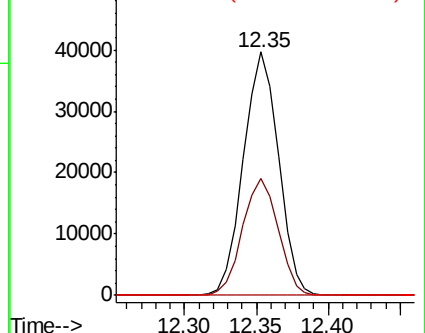
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

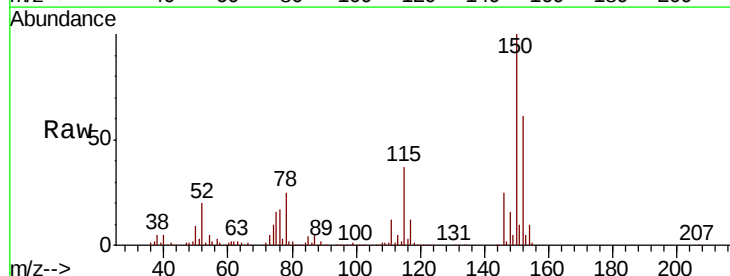
Tgt Ion:152 Resp: 159806

Ion Ratio Lower Upper

152 100

115 59.2 29.8 89.4

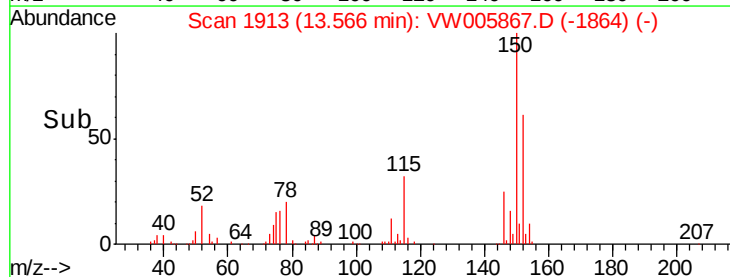
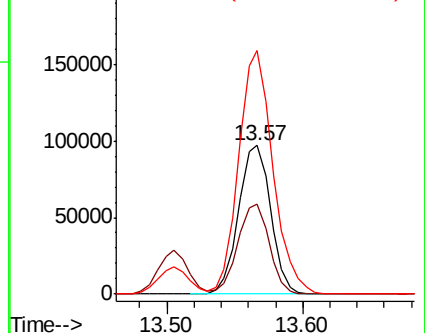
150 174.1 0.0 349.4

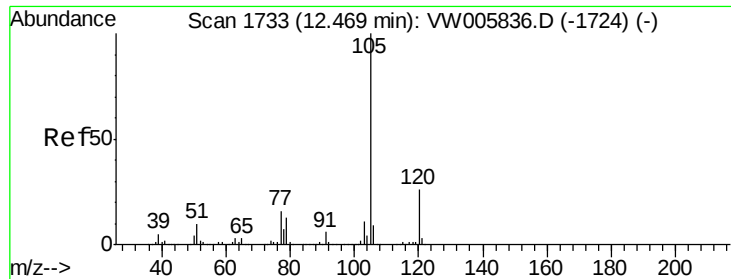


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.347 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

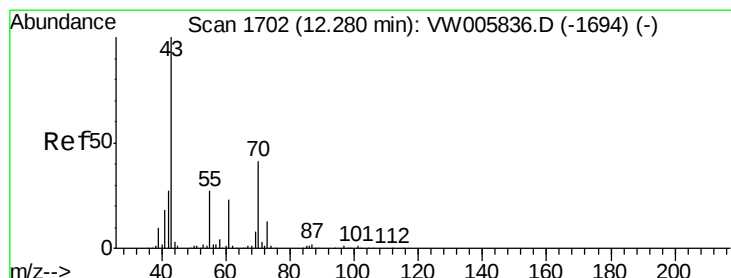
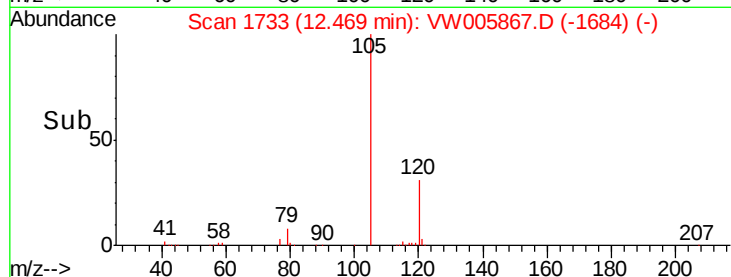
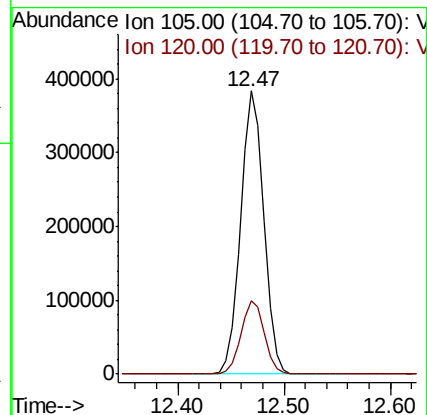
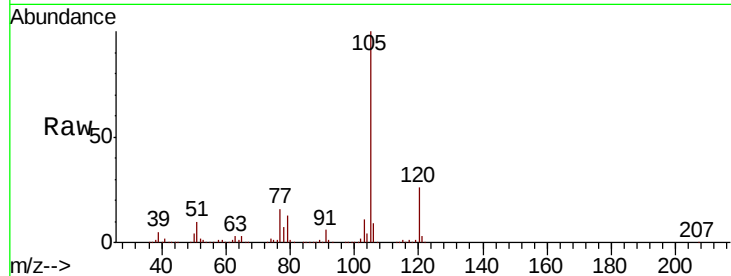
VSTDCCC050

Tgt Ion: 105 Resp: 586570

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#74

N-ethyl acetate

Concen: 55.294 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Tgt Ion: 43 Resp: 132313

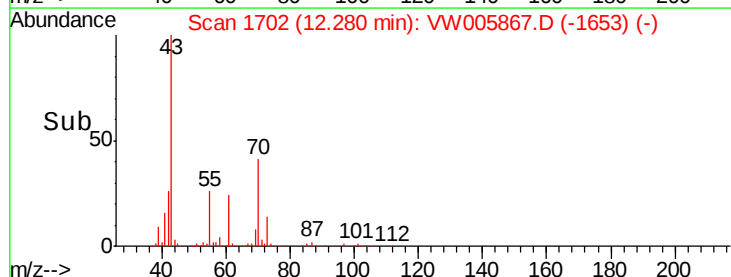
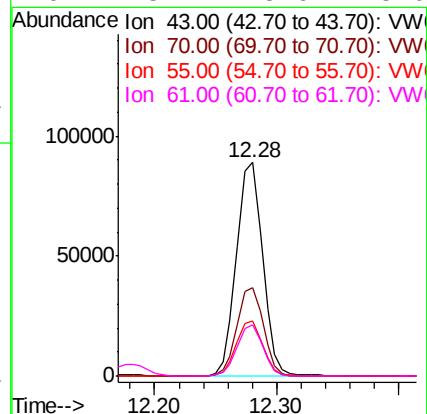
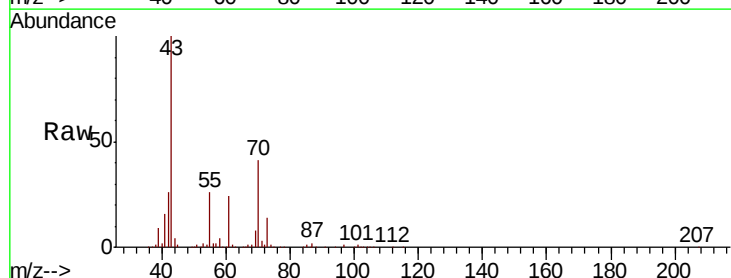
Ion Ratio Lower Upper

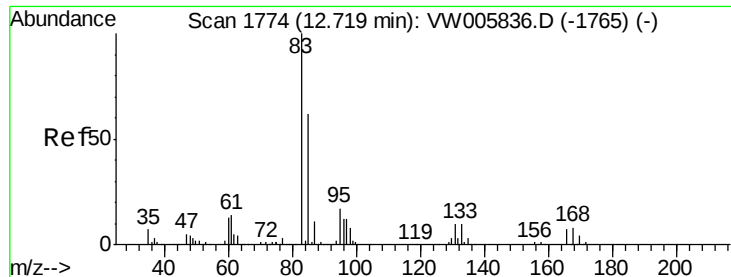
43 100

70 41.5 33.6 50.4

55 26.1 21.8 32.6

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.429 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

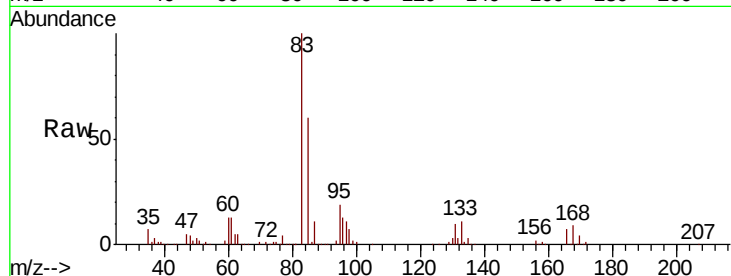
Tgt Ion: 83 Resp: 97024

Ion Ratio Lower Upper

83 100

131 11.3 5.9 17.6

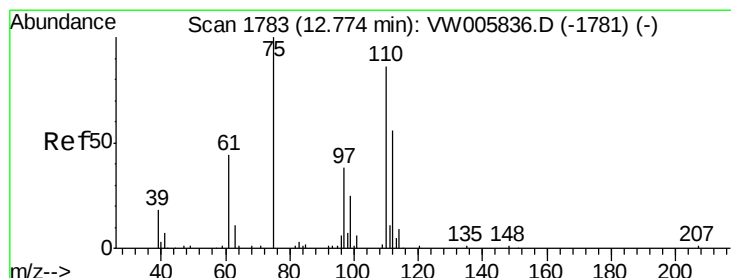
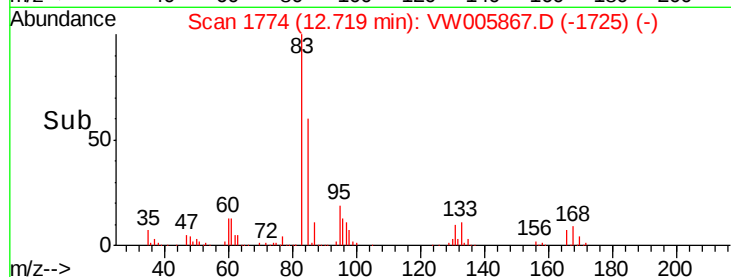
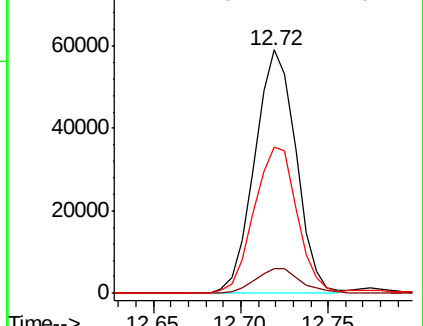
85 62.6 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 95.309 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005867.D

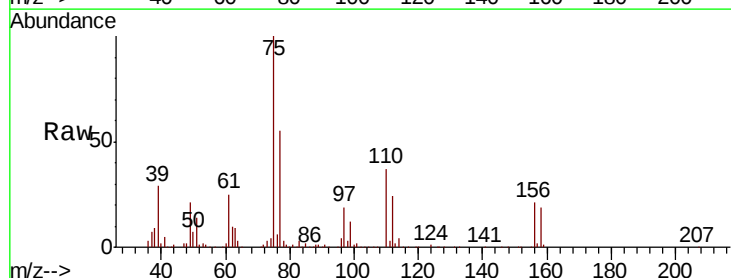
Acq: 04 Oct 2018 23:13

Tgt Ion: 75 Resp: 138421

Ion Ratio Lower Upper

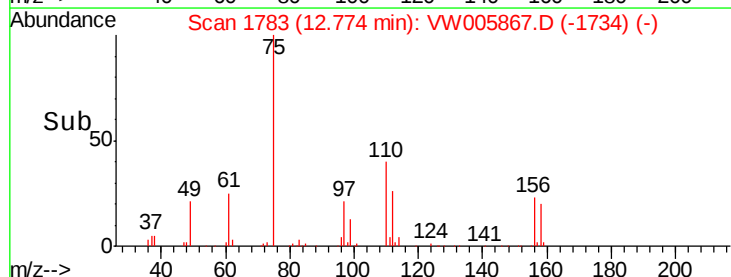
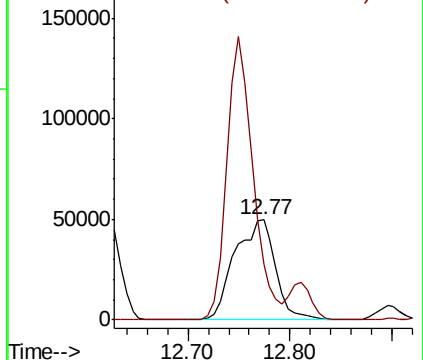
75 100

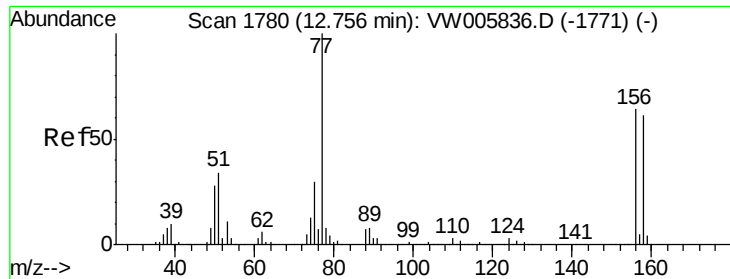
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.605 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

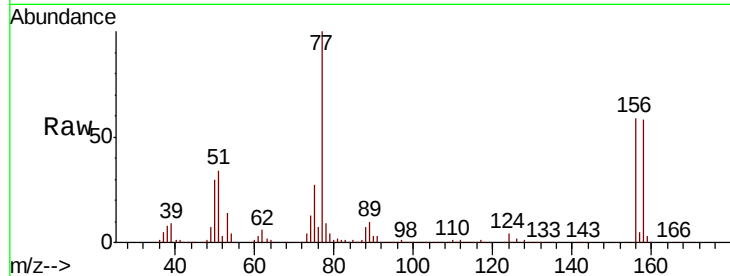
Tgt Ion:156 Resp: 137381

Ion Ratio Lower Upper

156 100

77 182.6 91.0 273.1

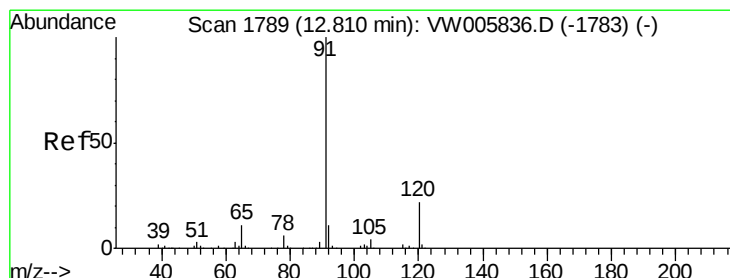
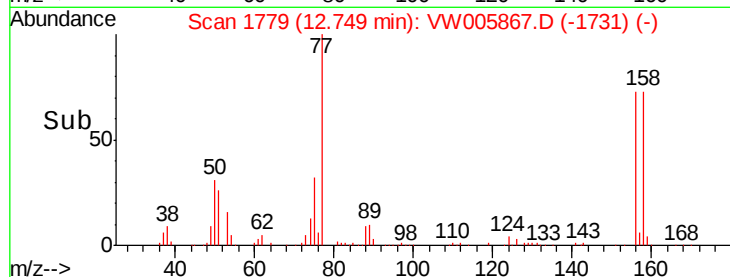
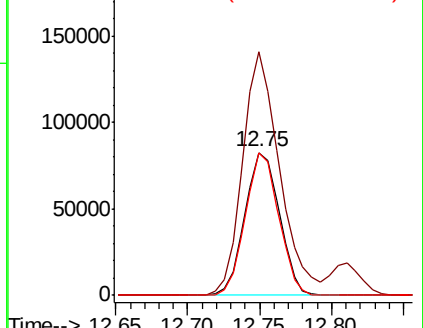
158 96.1 48.4 145.2



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: 52.351 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005867.D

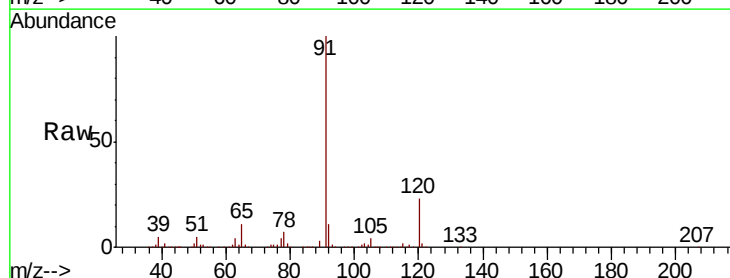
Acq: 04 Oct 2018 23:13

Tgt Ion: 91 Resp: 684652

Ion Ratio Lower Upper

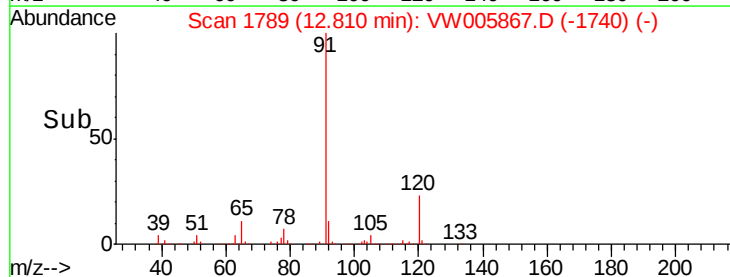
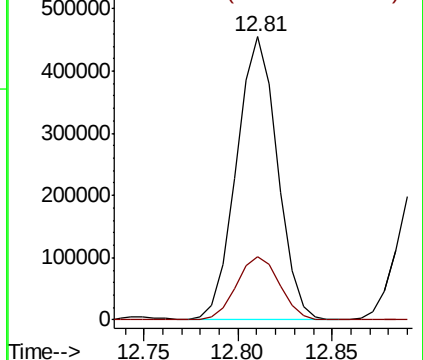
91 100

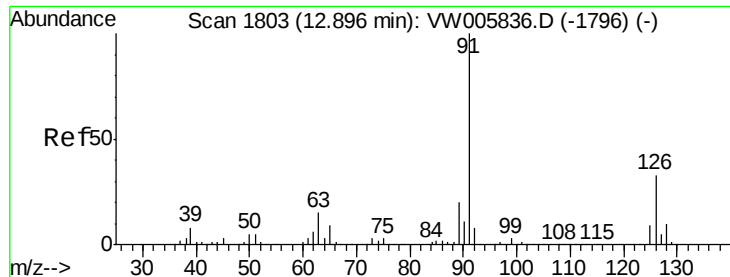
120 23.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

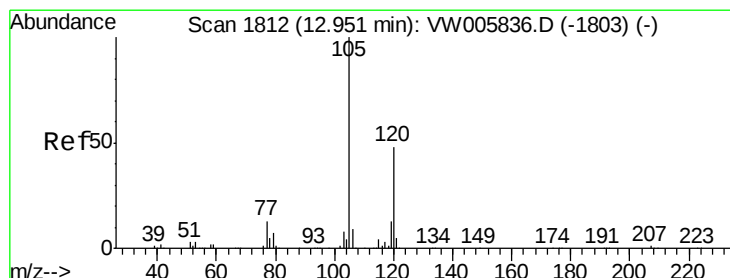
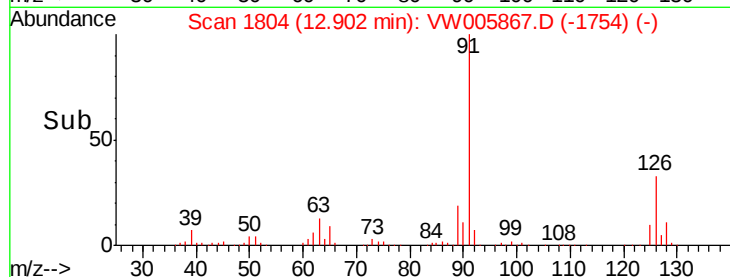
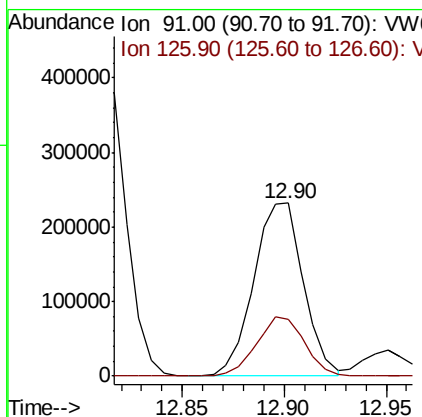
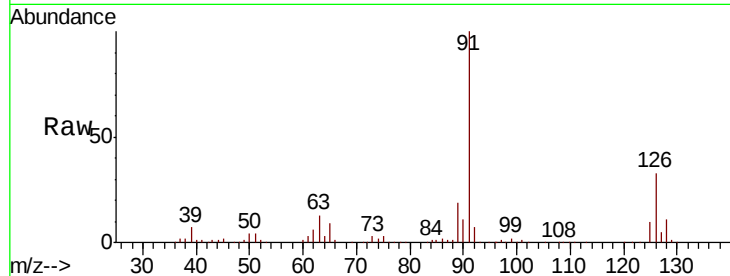




#79
 2-Chlorotoluene
 Concen: 50.417 ug/l
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

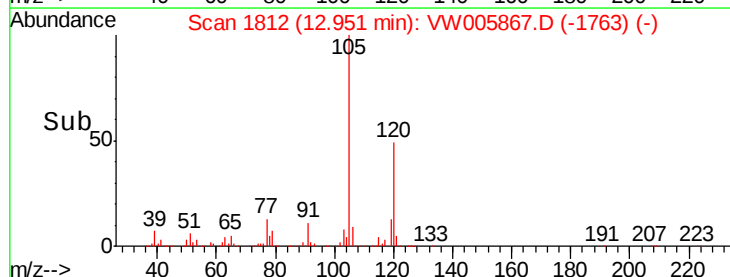
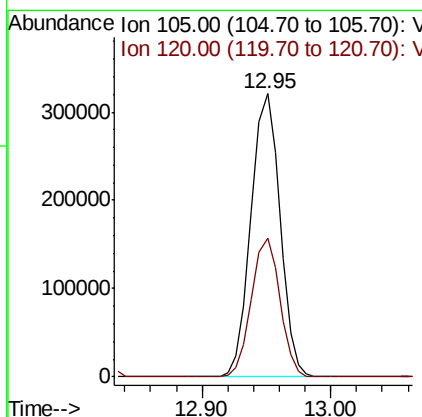
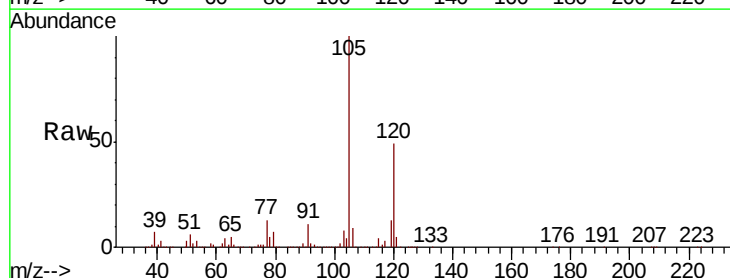
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

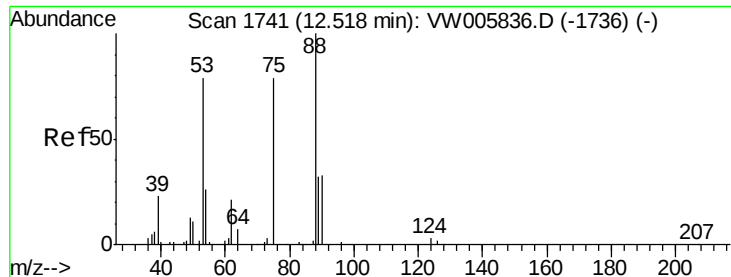
Tgt Ion: 91 Resp: 392724
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 52.133 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion: 105 Resp: 497795
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.2

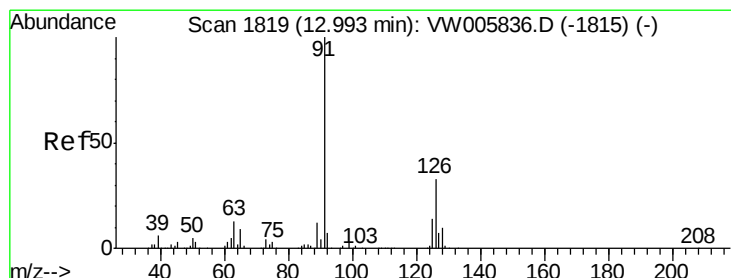
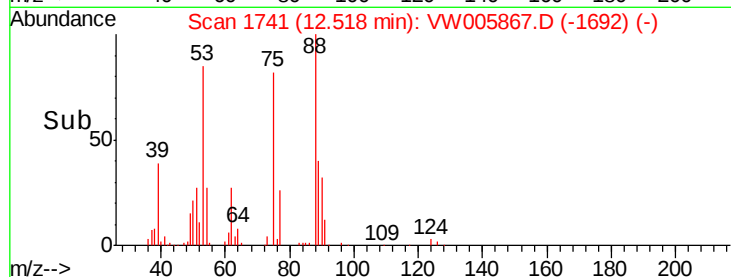
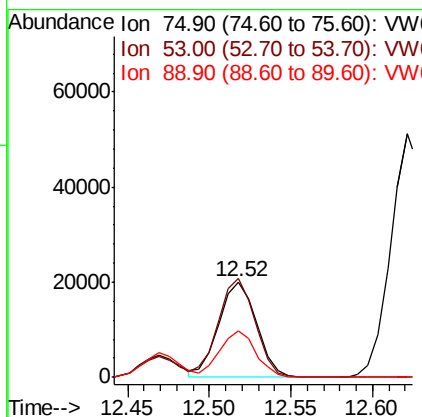
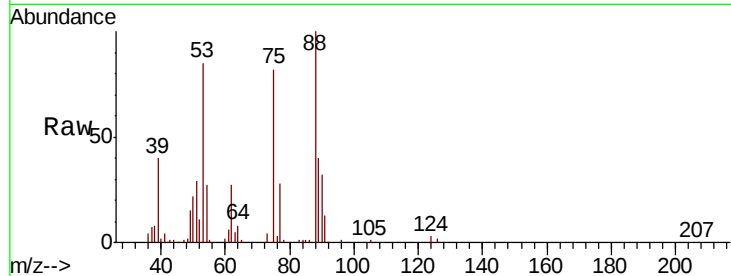




#81
trans-1,4-Dichloro-2-butene
Concen: 56.777 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

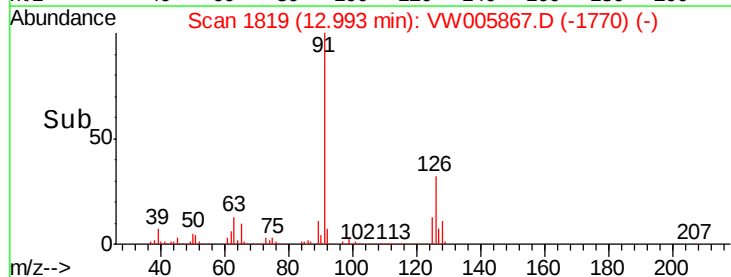
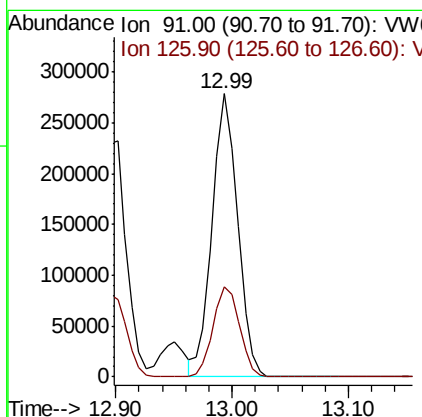
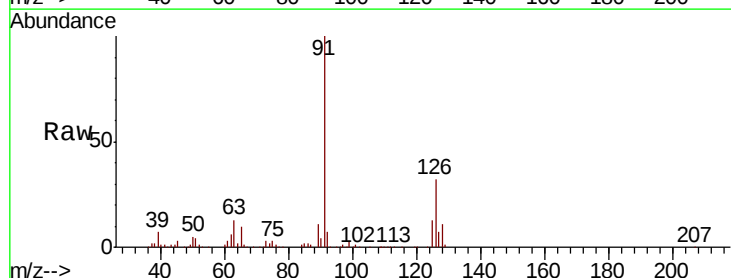
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

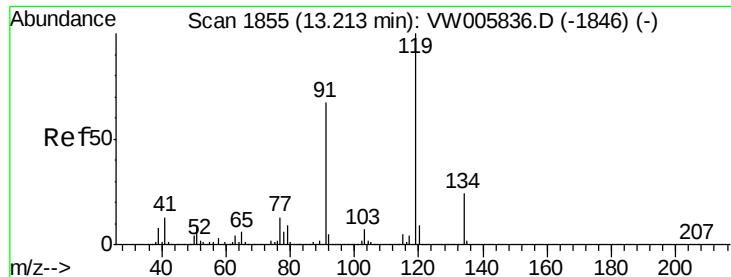
Tgt Ion: 75 Resp: 32621
Ion Ratio Lower Upper
75 100
53 101.0 83.7 125.5
89 46.1 37.5 56.3



#82
4-Chlorotoluene
Concen: 51.131 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion: 91 Resp: 419833
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

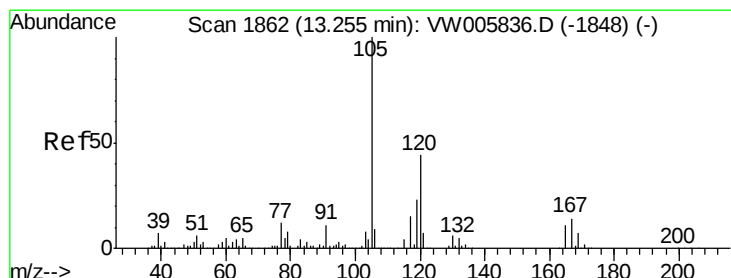
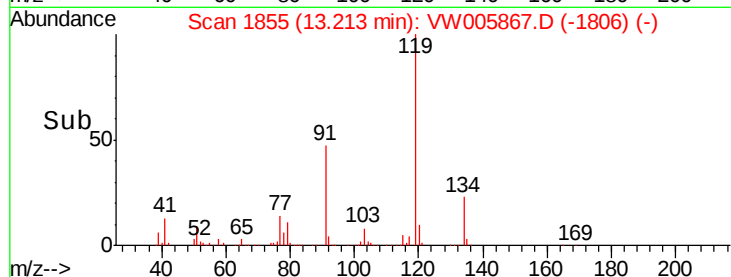
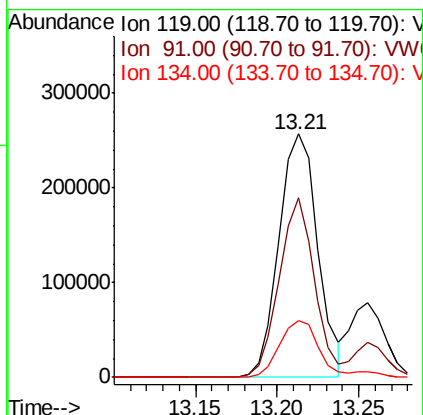
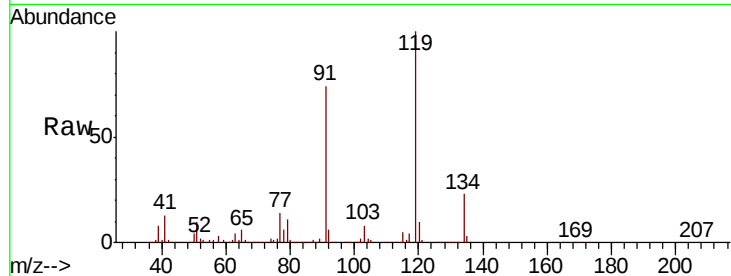




#83
 tert-Butylbenzene
 Concen: 53.290 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

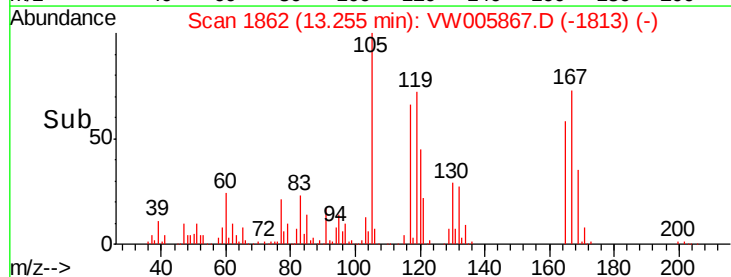
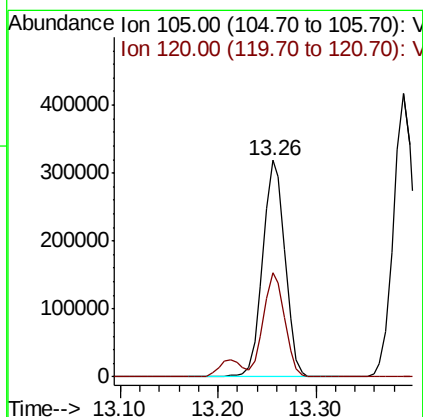
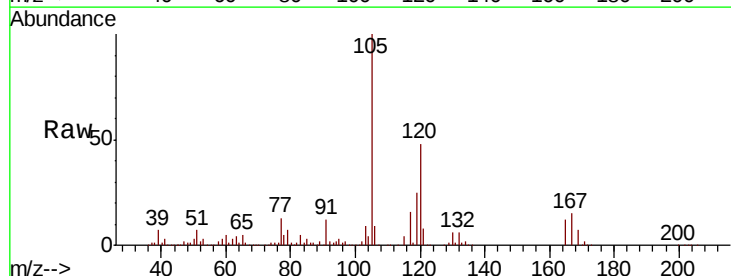
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

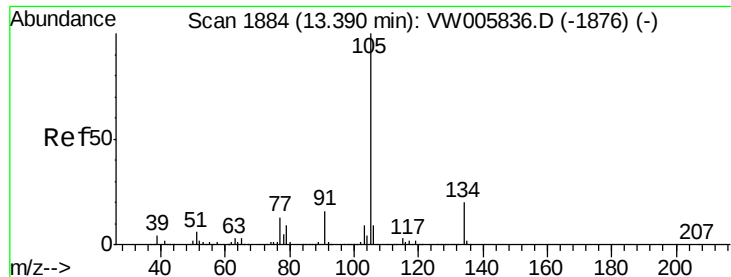
Tgt Ion:119 Resp: 424357
 Ion Ratio Lower Upper
 119 100
 91 66.8 33.4 100.2
 134 23.5 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.278 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion:105 Resp: 502745
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.9 65.7

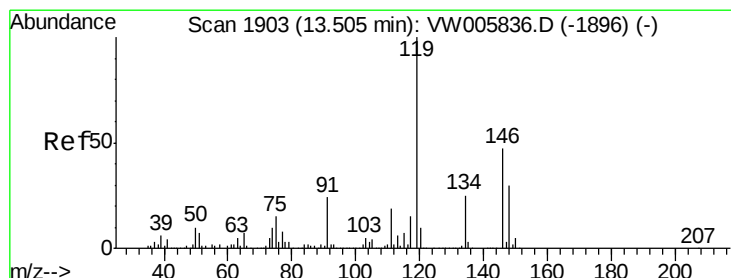
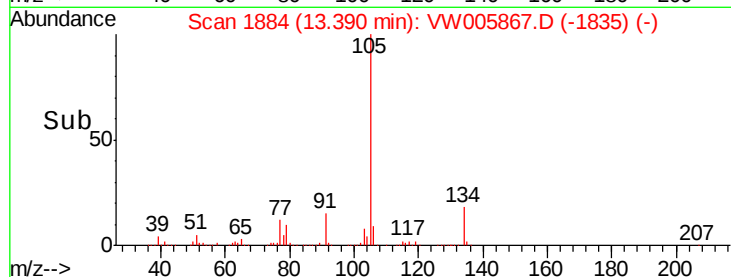
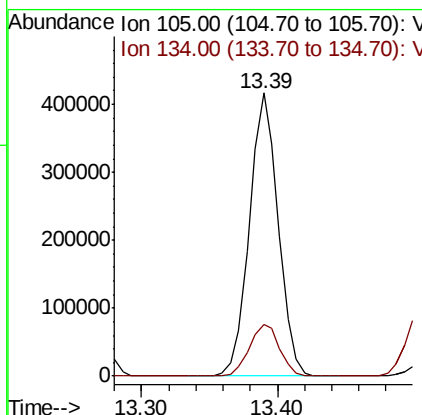
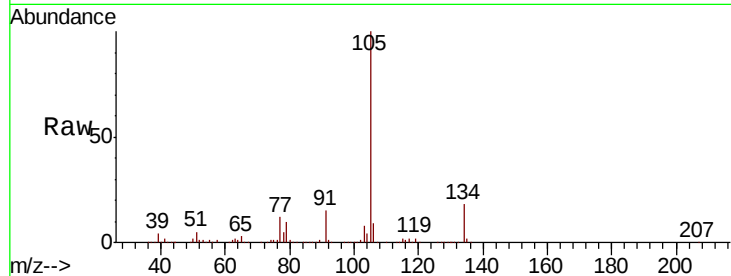




#85
 sec-Butylbenzene
 Concen: 53.651 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

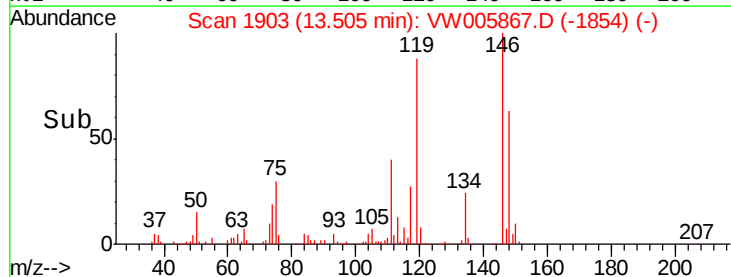
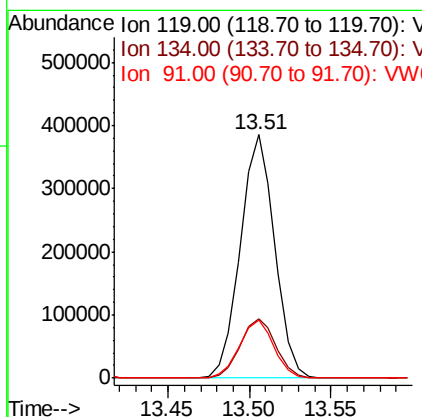
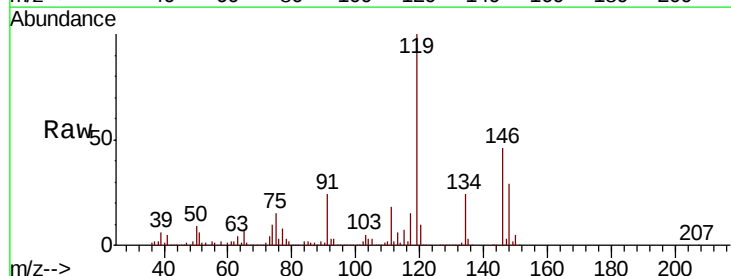
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

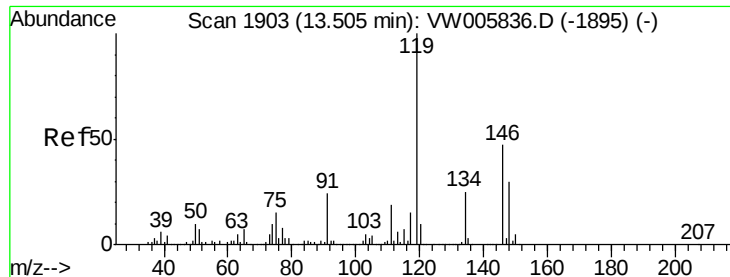
Tgt Ion:105 Resp: 616726
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 54.533 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion:119 Resp: 562681
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 23.8 11.9 35.9

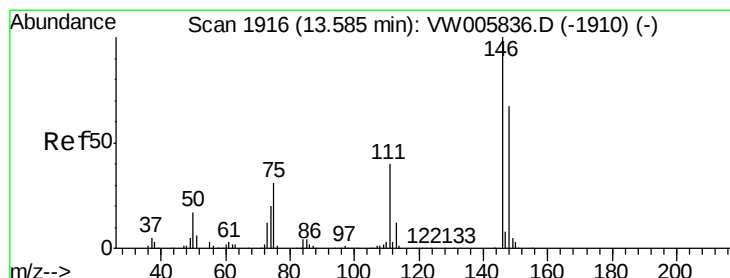
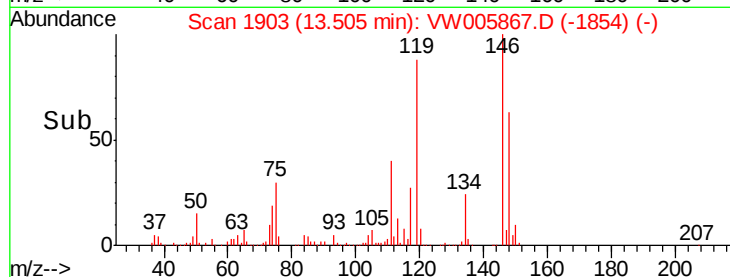
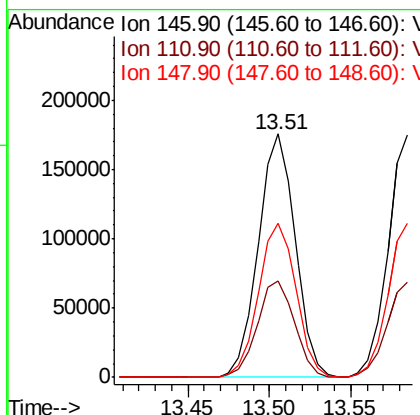
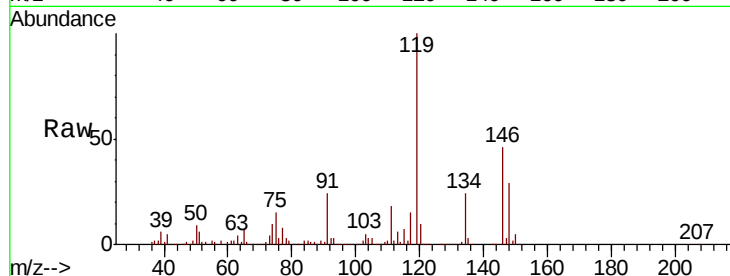




#87
 1,3-Dichlorobenzene
 Concen: 50.624 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

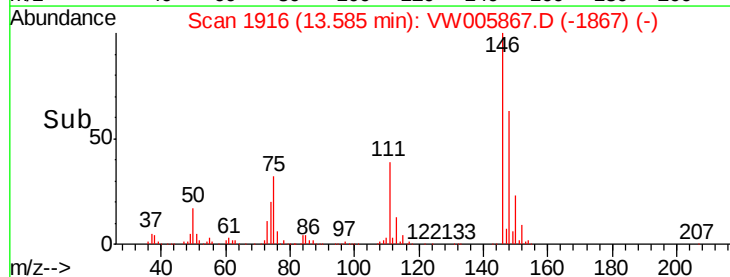
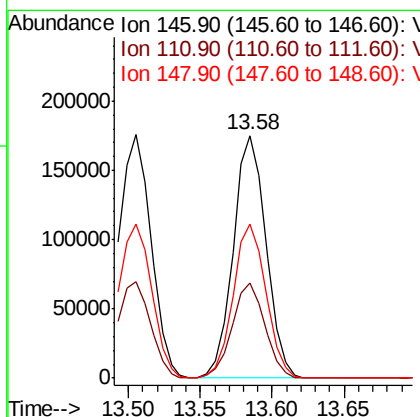
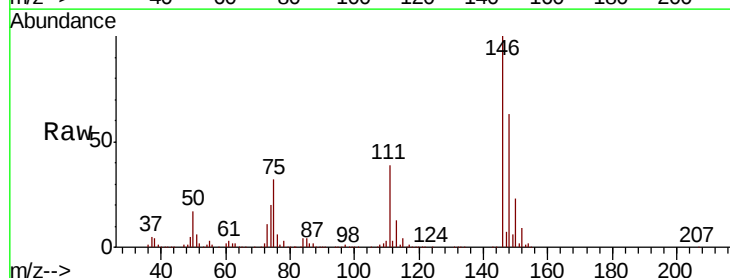
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

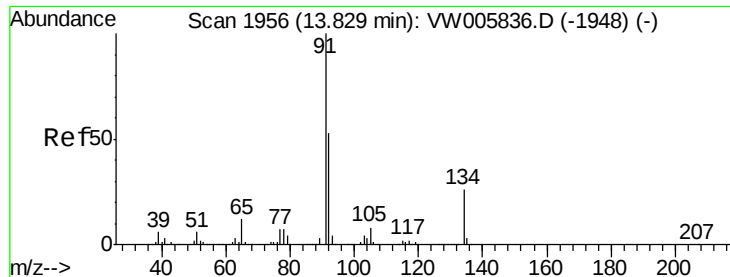
Tgt Ion:146 Resp: 277245
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.7
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.769 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion:146 Resp: 277409
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 54.655 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

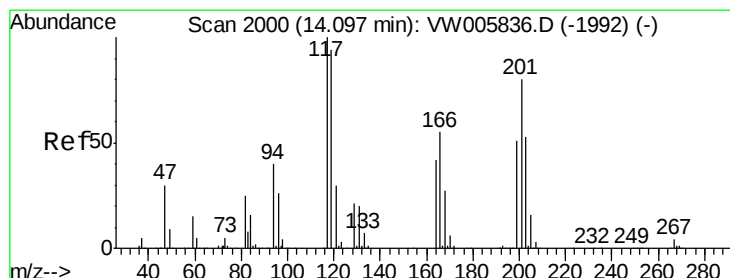
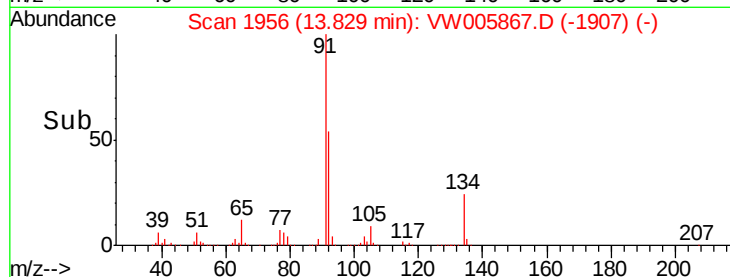
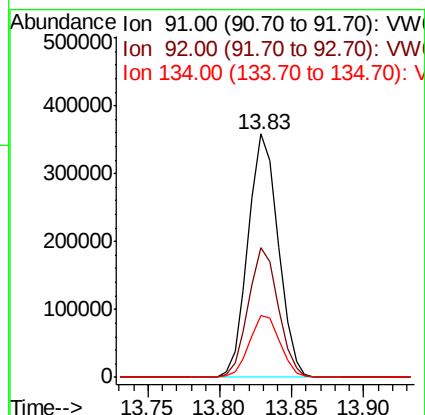
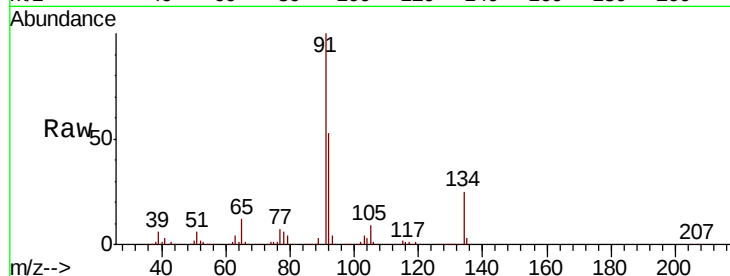
Tgt Ion: 91 Resp: 519373

Ion Ratio Lower Upper

91 100

92 53.0 26.2 78.5

134 26.0 13.1 39.1



#90

Hexachloroethane

Concen: 50.424 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005867.D

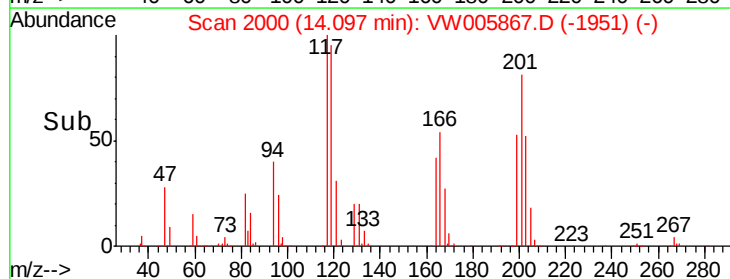
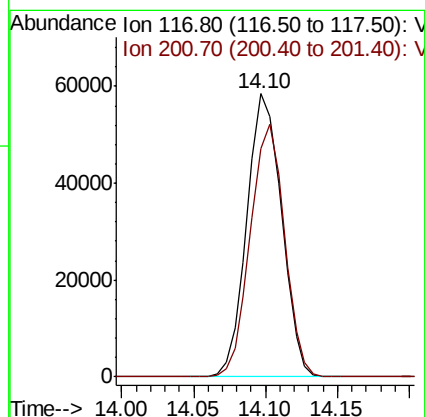
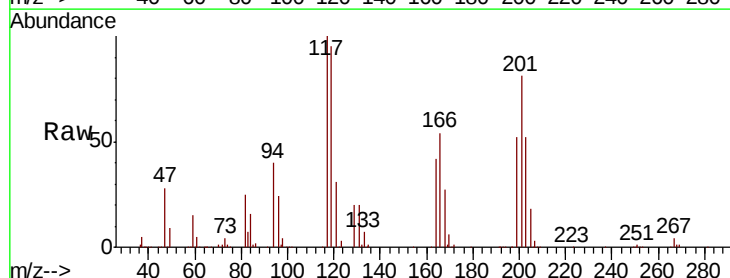
Acq: 04 Oct 2018 23:13

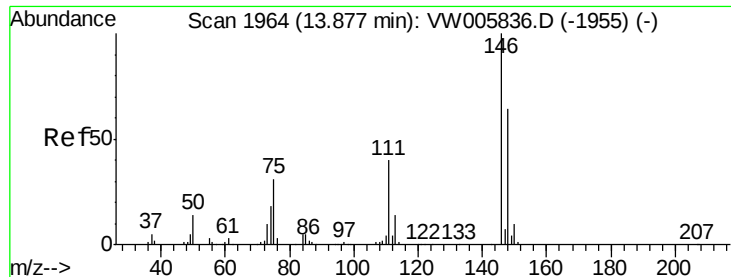
Tgt Ion: 117 Resp: 97825

Ion Ratio Lower Upper

117 100

201 87.5 43.7 131.1





#91

1,2-Dichlorobenzene

Concen: 50.638 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

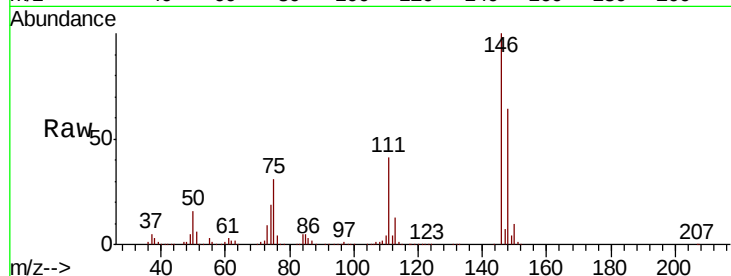
Tgt Ion:146 Resp: 249333

Ion Ratio Lower Upper

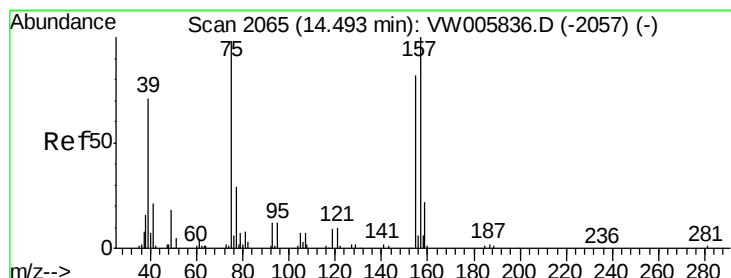
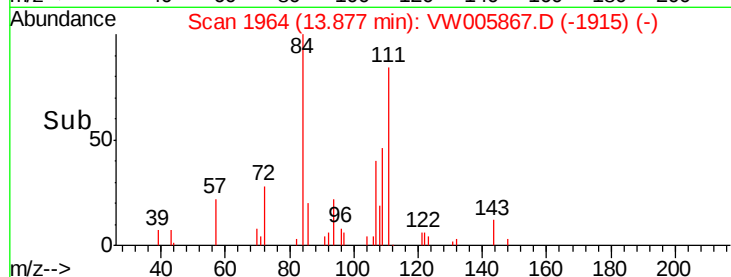
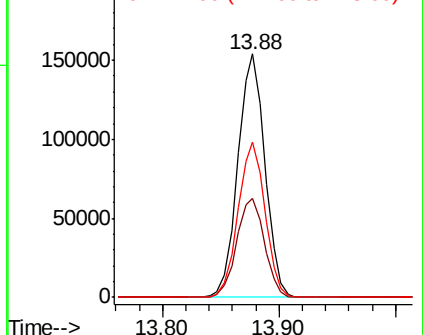
146 100

111 41.7 20.4 61.3

148 63.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.041 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW005867.D

Acq: 04 Oct 2018 23:13

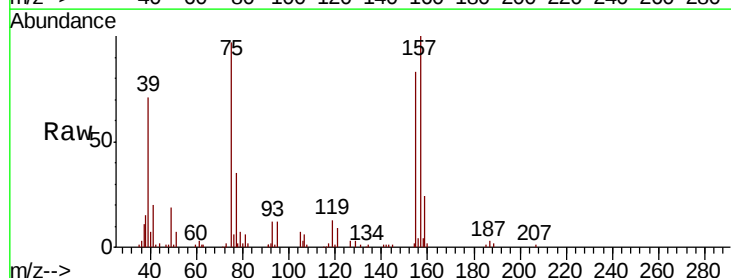
Tgt Ion: 75 Resp: 19346

Ion Ratio Lower Upper

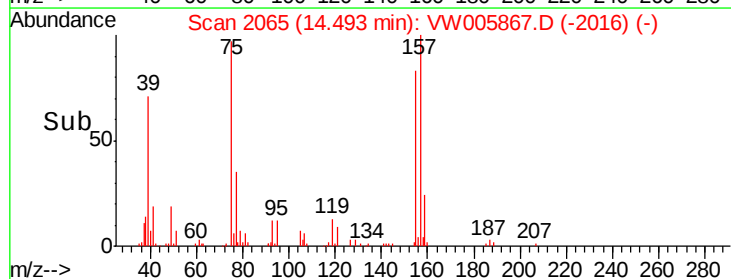
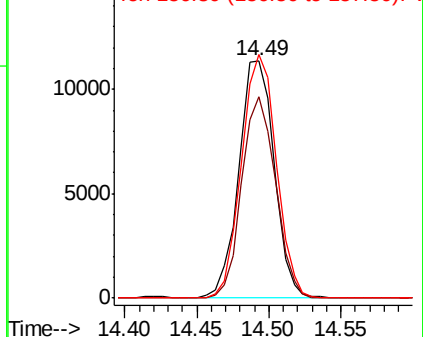
75 100

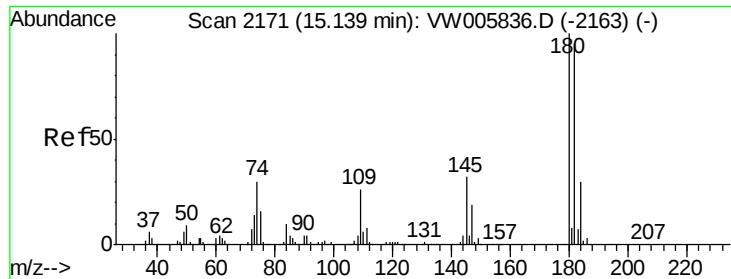
155 81.0 41.3 123.9

157 100.9 51.9 155.7



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

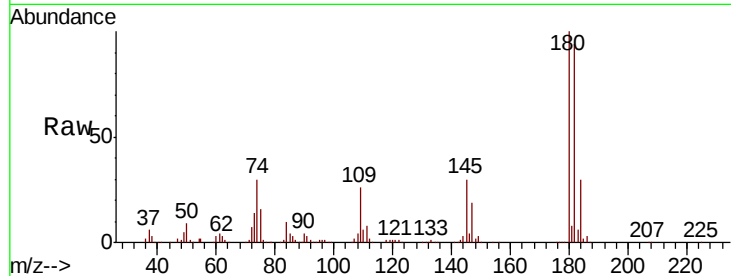




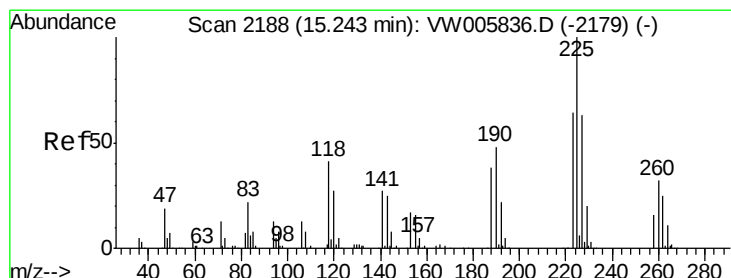
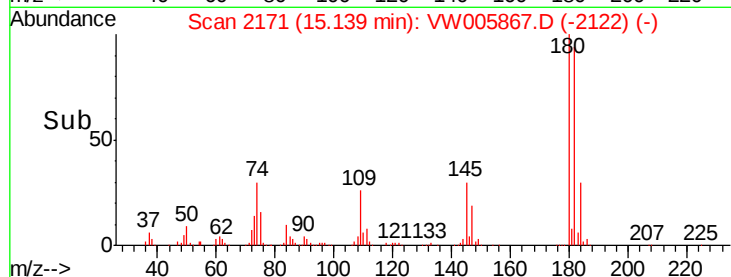
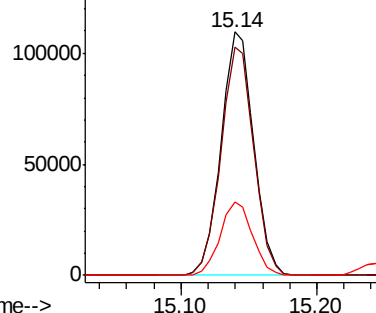
#93
 1,2,4-Trichlorobenzene
 Concen: 53.385 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 183700
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.8
 145 30.1 15.0 45.0

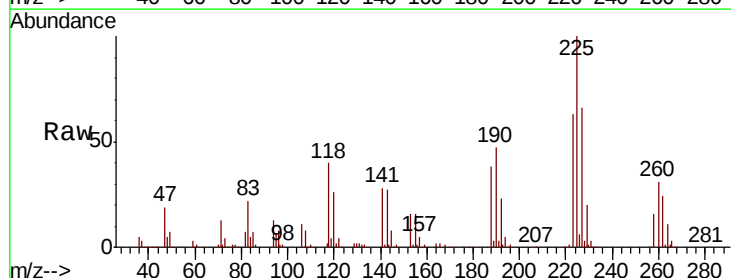


Abundance Ion 179.80 (179.50 to 180.50): V
 150000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

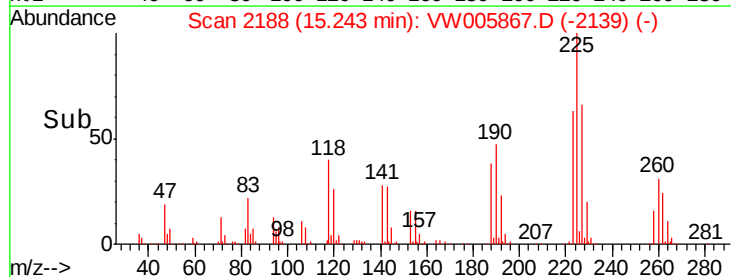
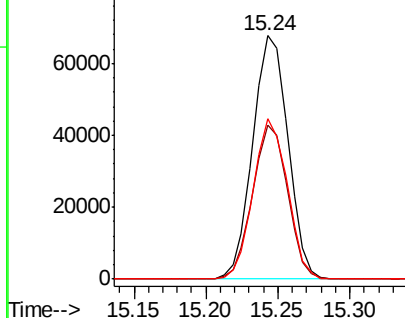


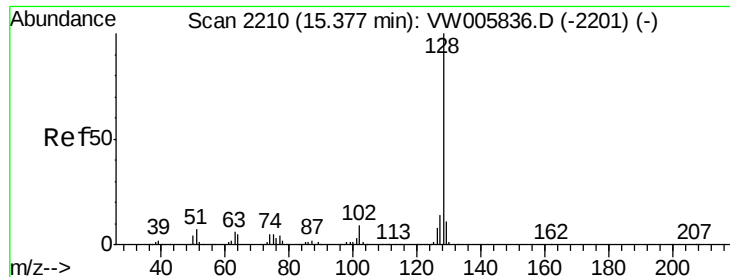
#94
 Hexachlorobutadiene
 Concen: 52.749 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005867.D
 Acq: 04 Oct 2018 23:13

Tgt Ion:225 Resp: 114776
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 63.9 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 80000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

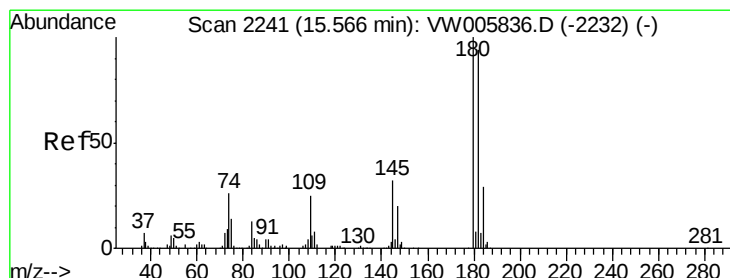
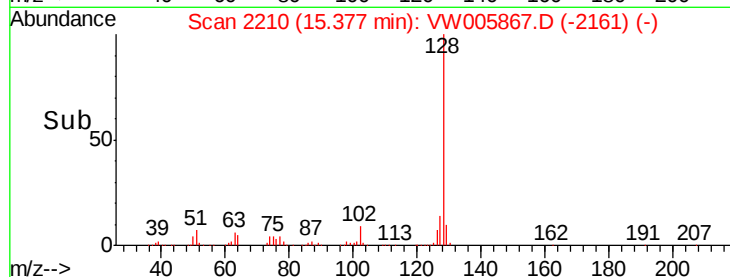
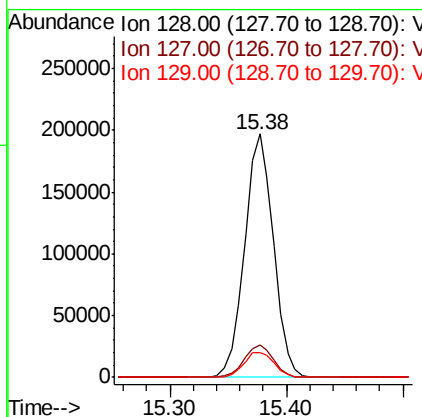
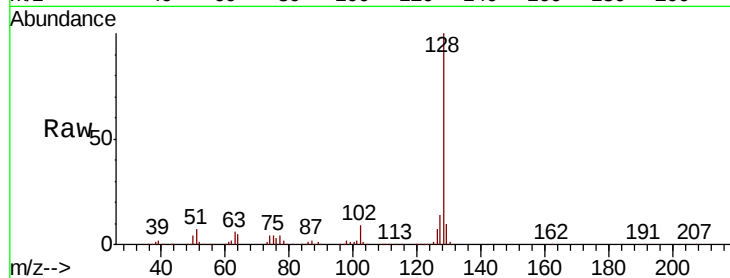




#95
Naphthalene
Concen: 51.854 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 53.629 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005867.D
Acq: 04 Oct 2018 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	31.8	16.1	48.2

