

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005245.D
 Acq On : 10 Sep 2018 16:39
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 11 02:49:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	510571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	740252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	732989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	402829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	606670	159.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.62%	
35) Dibromofluoromethane	7.89	113	637498	164.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.80%	
50) Toluene-d8	10.33	98	2933041	149.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.38%	
62) 4-Bromofluorobenzene	12.63	95	1095582	152.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	584143	132.629	ug/l	99
3) Chloromethane	2.22	50	847182	143.875	ug/l	98
4) Vinyl Chloride	2.36	62	765983	141.700	ug/l	98
5) Bromomethane	2.74	94	474557	129.026	ug/l	98
6) Chloroethane	2.90	64	425800	142.996	ug/l	99
7) Trichlorofluoromethane	3.25	101	909589	148.745	ug/l	96
8) Diethyl Ether	3.69	74	346224	158.867	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	647639	148.272	ug/l	99
10) Methyl Iodide	4.28	142	856581	178.094	ug/l	100
11) Tert butyl alcohol	5.18	59	243471	779.609	ug/l	100
12) 1,1-Dichloroethene	4.04	96	614009	152.670	ug/l	98
13) Acrolein	3.90	56	239415	793.634	ug/l	99
14) Allyl chloride	4.67	41	997927	161.485	ug/l	100
15) Acrylonitrile	5.37	53	780749	794.069	ug/l	99
16) Acetone	4.13	43	550274	778.483	ug/l	98
17) Carbon Disulfide	4.38	76	2215414	156.933	ug/l	100
18) Methyl Acetate	4.68	43	341877	162.023	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	1525411	159.243	ug/l	99
20) Methylene Chloride	4.92	84	751921	125.504	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	727593	154.945	ug/l	98
22) Diisopropyl ether	6.32	45	1983458	159.428	ug/l	98
23) Vinyl Acetate	6.26	43	5659001	816.204	ug/l	99
24) 1,1-Dichloroethane	6.23	63	1215359	158.699	ug/l	99
25) 2-Butanone	7.18	43	903930	810.729	ug/l	95
26) 2,2-Dichloropropane	7.18	77	967084	145.649	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	803569	159.895	ug/l	100
28) Bromochloromethane	7.52	49	448038	158.585	ug/l #	98
29) Tetrahydrofuran	7.54	42	622861	828.968	ug/l	100
30) Chloroform	7.68	83	1211248	157.602	ug/l	100
31) Cyclohexane	7.96	56	1145929	140.626	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	1013739	146.006	ug/l	100
36) 1,1-Dichloropropene	8.09	75	950184	140.105	ug/l	100
37) Ethyl Acetate	7.26	43	393418	152.511	ug/l	100
38) Carbon Tetrachloride	8.07	117	891418	140.315	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1383338	153.627	ug/l	99
40) Benzene	8.33	78	2893432	144.814	ug/l	100
41) Methacrylonitrile	7.49	41	232635	175.780	ug/l	96
42) 1,2-Dichloroethane	8.41	62	722345	151.119	ug/l	100
43) Isopropyl Acetate	8.43	43	762899	159.259	ug/l	99
44) Trichloroethene	9.10	130	769875	140.453	ug/l	100
45) 1,2-Dichloropropane	9.38	63	689279	143.524	ug/l	100
46) Dibromomethane	9.46	93	356251	151.546	ug/l	99
47) Bromodichloromethane	9.65	83	864494	150.331	ug/l	98
48) Methyl methacrylate	9.45	41	407910	163.997	ug/l	98
49) 1,4-Dioxane	9.45	88	124168	2829.071	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	2089093	774.962	ug/l	100
52) Toluene	10.40	92	2097230	144.422	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	952129	153.205	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1119995	150.490	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	532394	142.039	ug/l	99
56) Ethyl methacrylate	10.65	69	766800	161.369	ug/l	100
57) 1,3-Dichloropropane	10.94	76	900206	144.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1653059	800.379	ug/l	99
59) 2-Hexanone	10.98	43	1513584	778.827	ug/l	100
60) Dibromochloromethane	11.13	129	625348	150.357	ug/l	99
61) 1,2-Dibromoethane	11.24	107	506256	147.286	ug/l	100
64) Tetrachloroethene	10.87	164	777567	142.984	ug/l	100
65) Chlorobenzene	11.66	112	2320368	144.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	716321	149.411	ug/l	99
67) Ethyl Benzene	11.74	91	4172401	149.210	ug/l	100
68) m/p-Xylenes	11.85	106	3356377	297.856	ug/l	97
69) o-Xylene	12.17	106	1595854	152.220	ug/l	100
70) Styrene	12.19	104	2636653	154.128	ug/l	99
71) Bromoform	12.35	173	405666	156.056	ug/l #	98
73) Isopropylbenzene	12.47	105	4259232	149.648	ug/l	100
74) N-amyl acetate	12.28	43	877630	162.067	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	641525	149.979	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	859535	164.279	ug/l #	100
77) Bromobenzene	12.76	156	981102	146.318	ug/l	98
78) n-propylbenzene	12.81	91	5181137	151.570	ug/l	99
79) 2-Chlorotoluene	12.90	91	2904353	148.162	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	3731753	153.976	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	213294	161.447	ug/l	97
82) 4-Chlorotoluene	13.00	91	3060877	148.556	ug/l	99
83) tert-Butylbenzene	13.21	119	3277882	154.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	3796623	155.890	ug/l	99
85) sec-Butylbenzene	13.39	105	4611780	151.390	ug/l	99
86) p-Isopropyltoluene	13.51	119	4167151	154.526	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	2045878	145.308	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	2015598	145.754	ug/l	99
89) n-Butylbenzene	13.83	91	4027832	158.884	ug/l	98
90) Hexachloroethane	14.10	117	667525	154.500	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1775038	143.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	107453	151.064	ug/l	99

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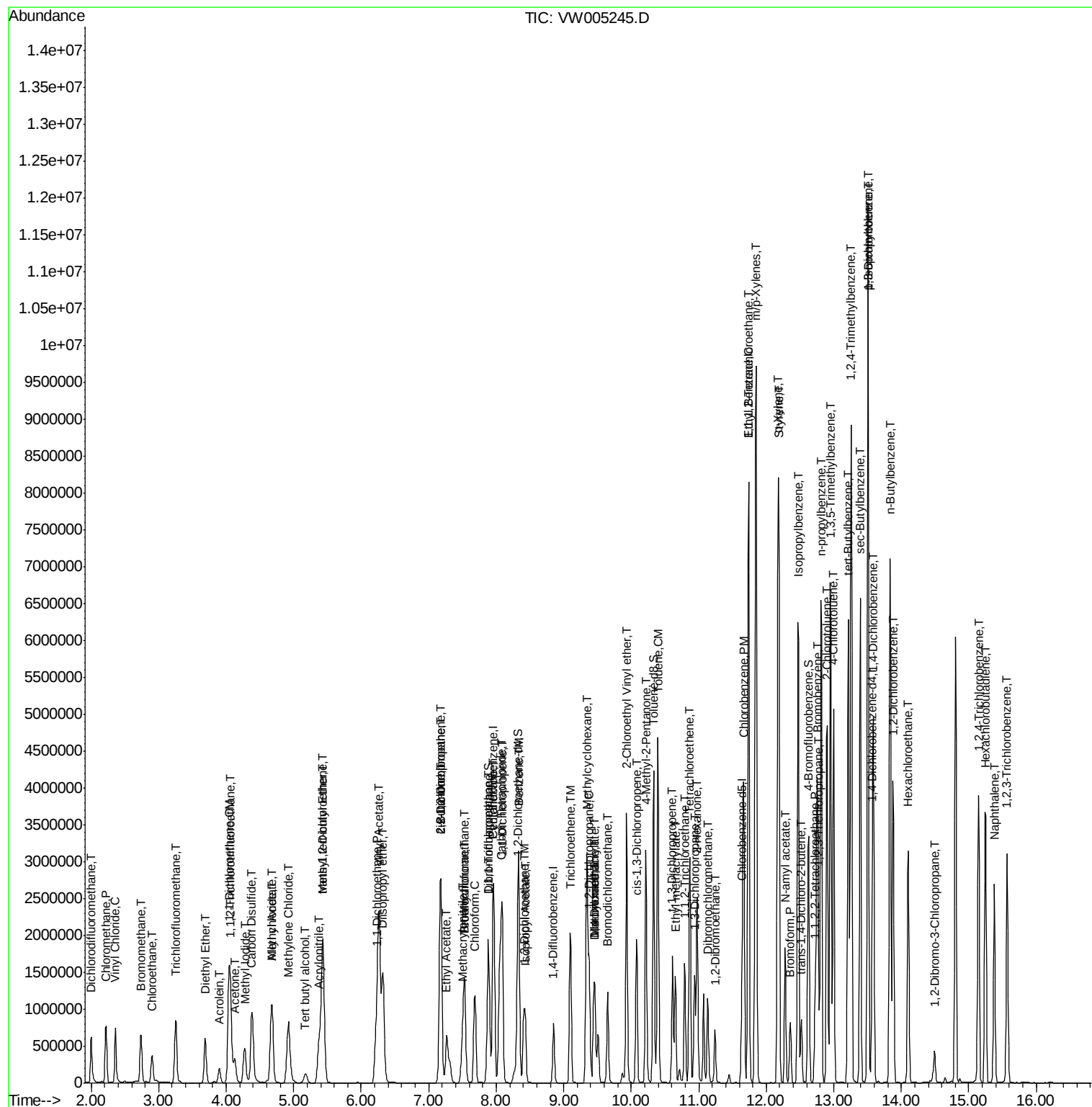
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1383571	158.052	ug/l	99
94) Hexachlorobutadiene	15.25	225	811849	144.826	ug/l	99
95) Naphthalene	15.38	128	2405580	169.489	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1178364	156.437	ug/l	99

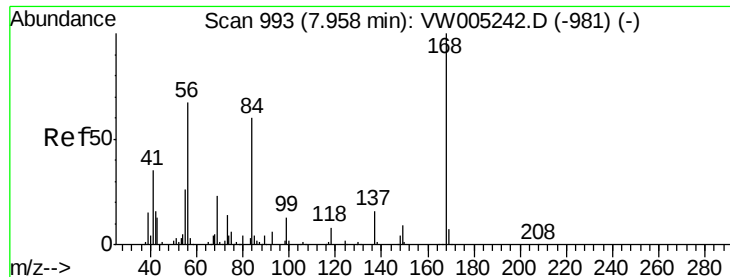
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Acq On : 10 Sep 2018 16:39
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Sample : VSTDIC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

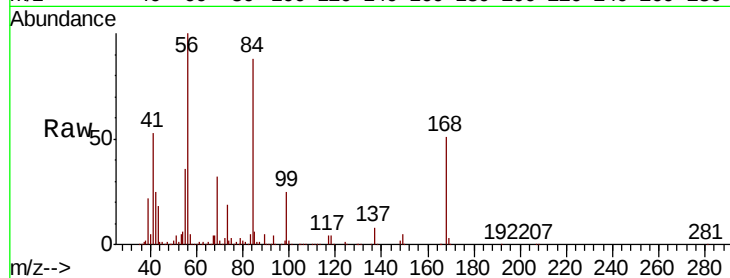
VSTDIC150

Tgt Ion:168 Resp: 510571

Ion Ratio Lower Upper

168 100

99 49.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

300000

250000

200000

150000

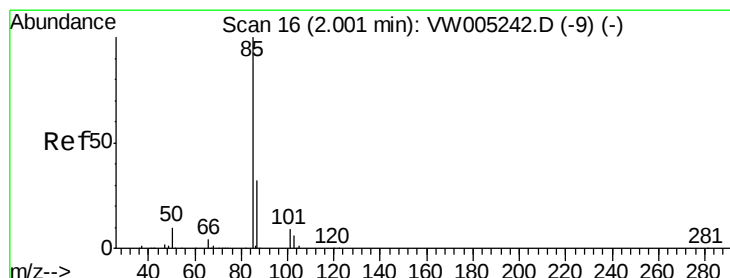
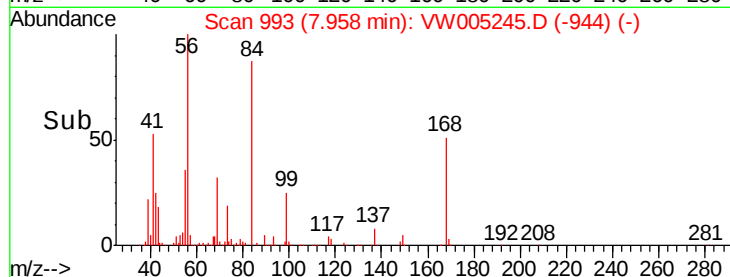
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 132.629 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005245.D

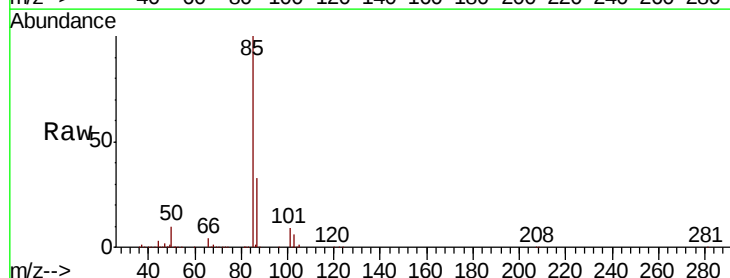
Acq: 10 Sep 2018 16:39

Tgt Ion: 85 Resp: 584143

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

400000

300000

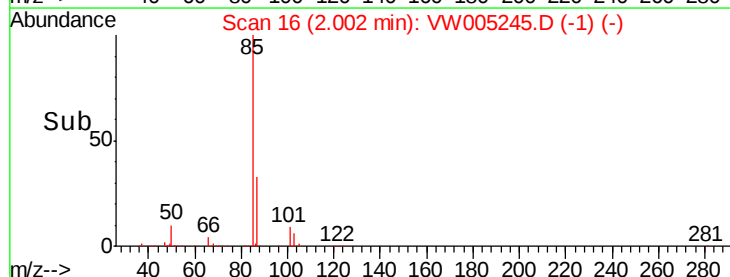
200000

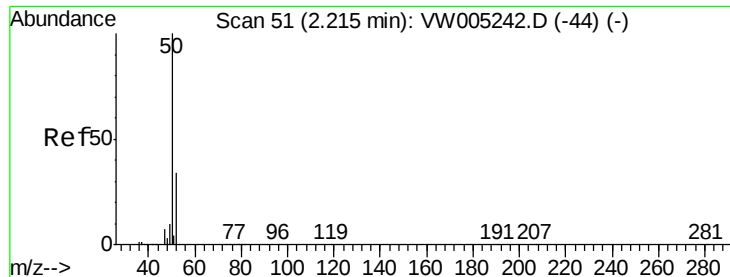
100000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 143.875 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

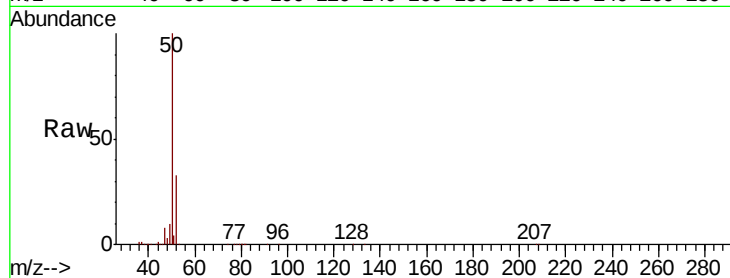
VSTDIC150

Tgt Ion: 50 Resp: 847182

Ion Ratio Lower Upper

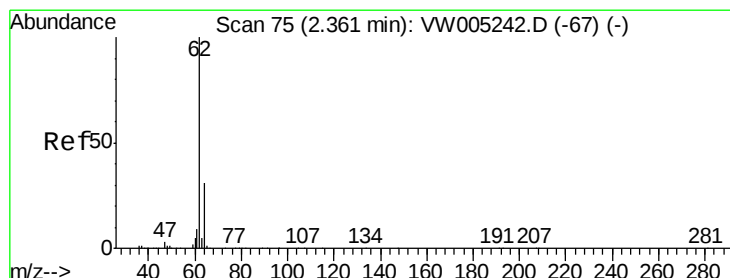
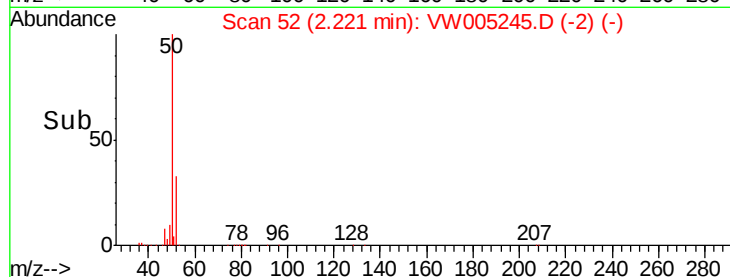
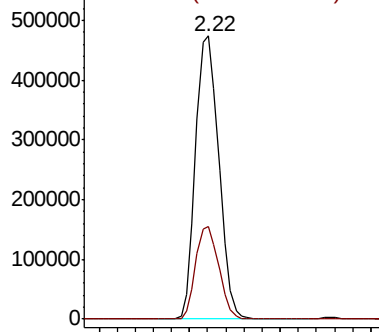
50 100

52 32.8 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 141.700 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005245.D

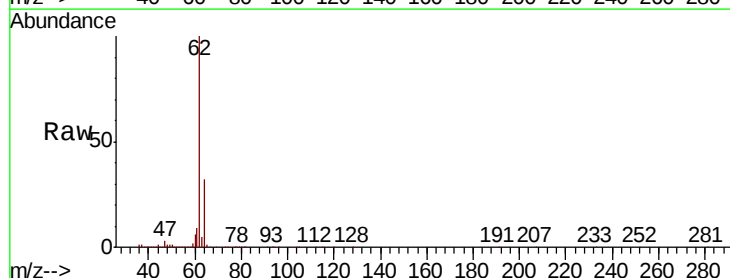
Acq: 10 Sep 2018 16:39

Tgt Ion: 62 Resp: 765983

Ion Ratio Lower Upper

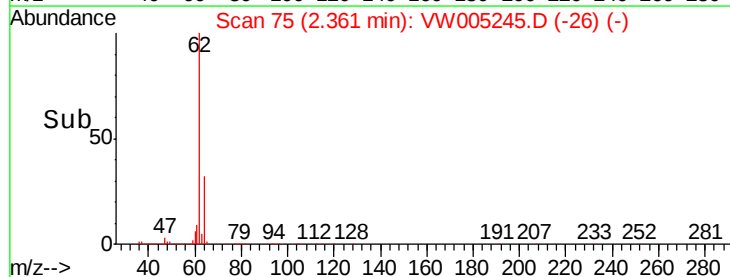
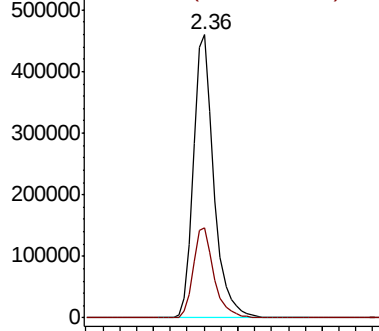
62 100

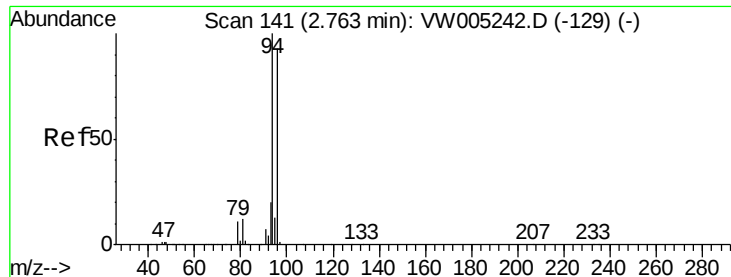
64 31.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 129.026 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

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ClientSampleId :

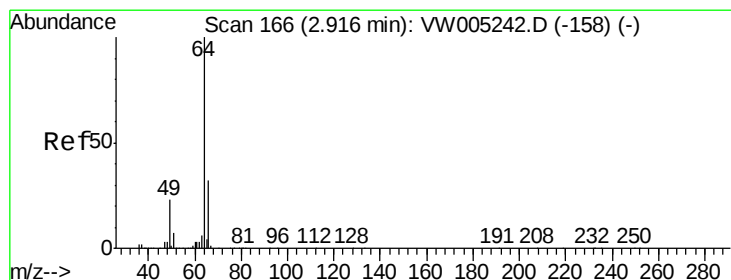
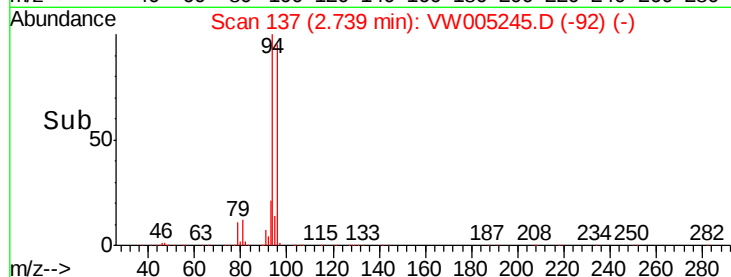
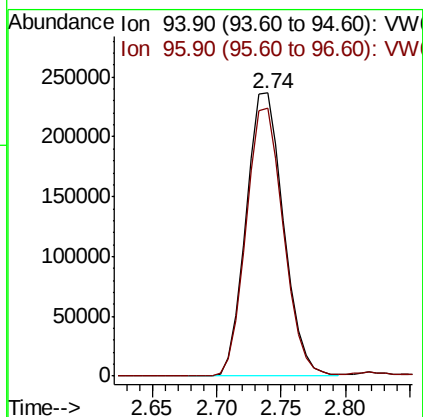
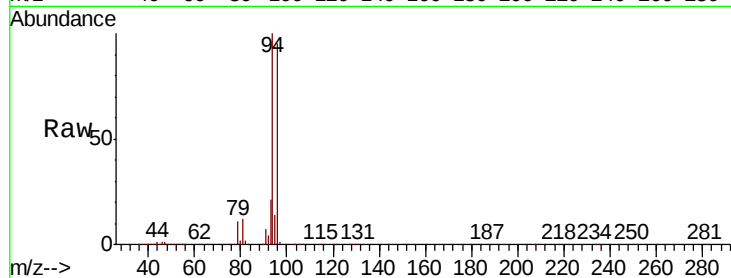
VSTDIC150

Tgt Ion: 94 Resp: 474557

Ion Ratio Lower Upper

94 100

96 94.8 74.1 111.1



#6

Chloroethane

Concen: 142.996 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW005245.D

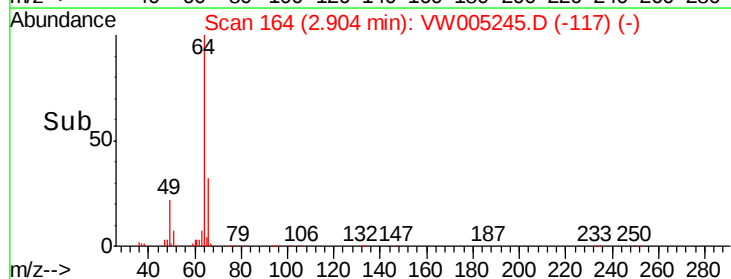
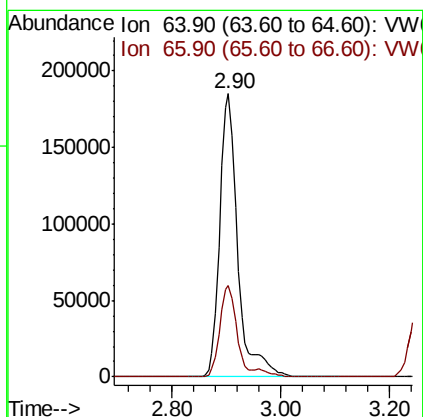
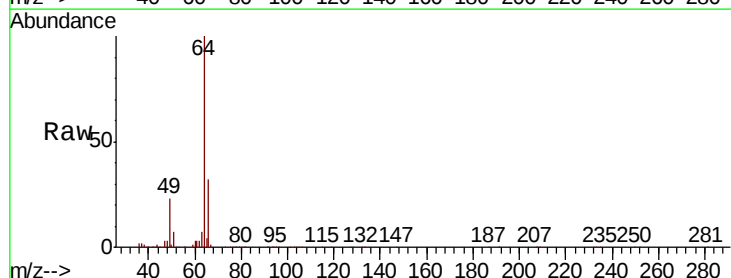
Acq: 10 Sep 2018 16:39

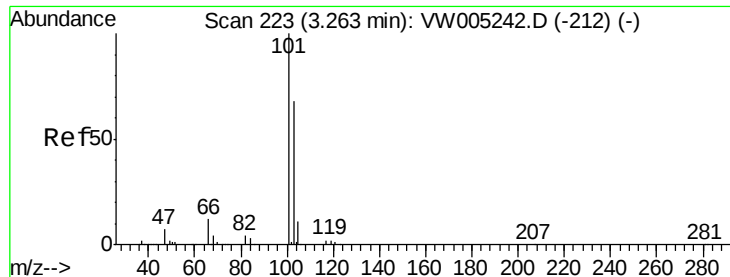
Tgt Ion: 64 Resp: 425800

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9



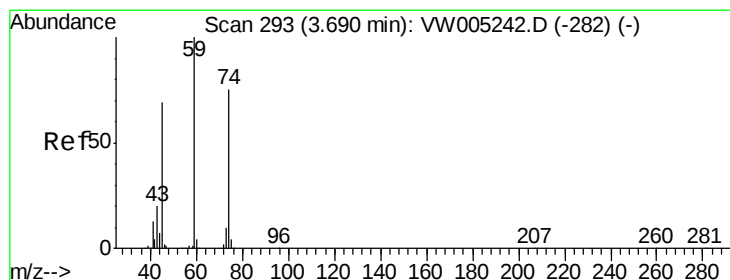
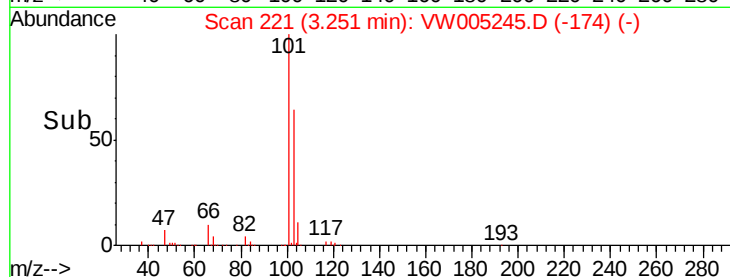
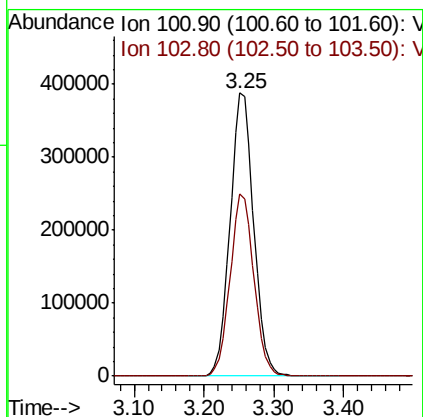
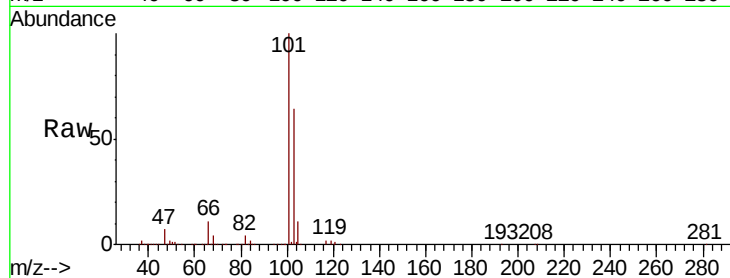


#7

Trichlorofluoromethane
Concen: 148.745 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

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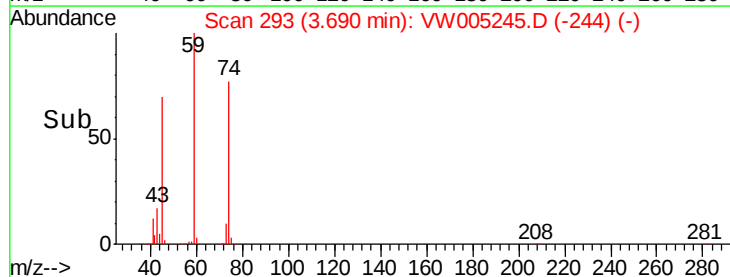
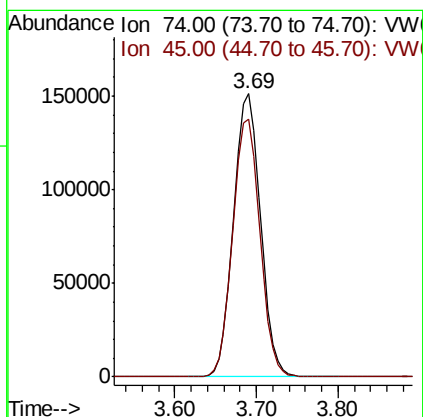
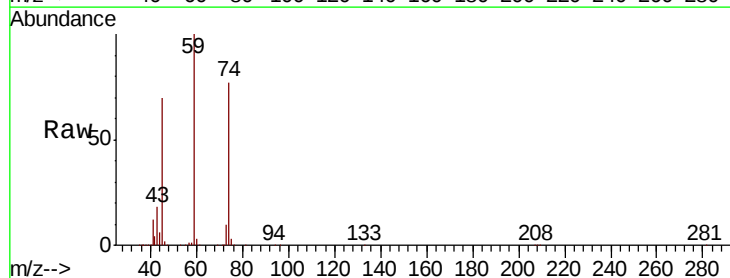
Tgt Ion: 101 Resp: 909589
Ion Ratio Lower Upper
101 100
103 64.4 54.1 81.1

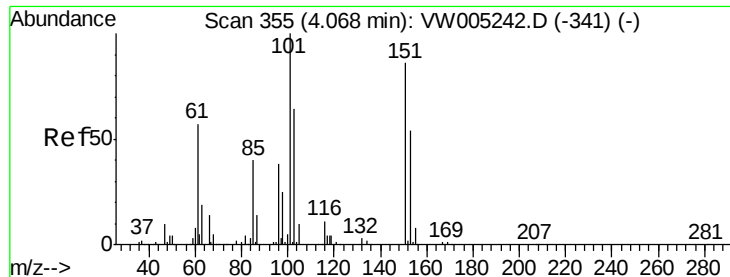


#8

Diethyl Ether
Concen: 158.867 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 74 Resp: 346224
Ion Ratio Lower Upper
74 100
45 91.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.272 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

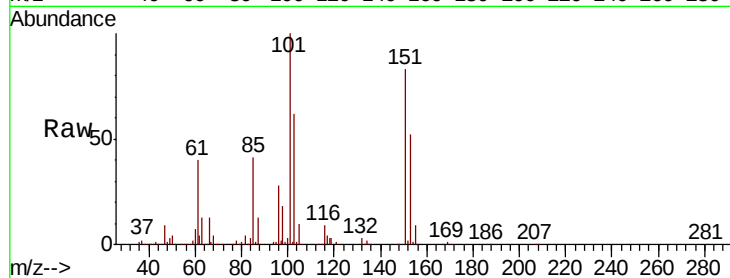
Tgt Ion:101 Resp: 647639

Ion Ratio Lower Upper

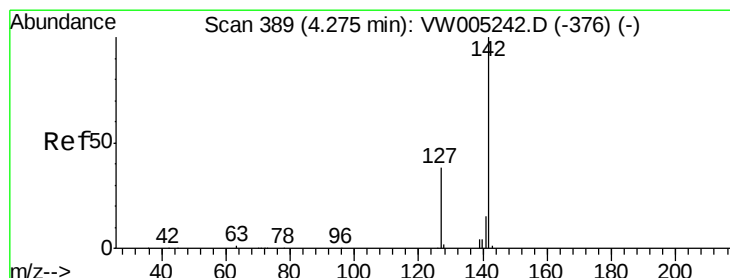
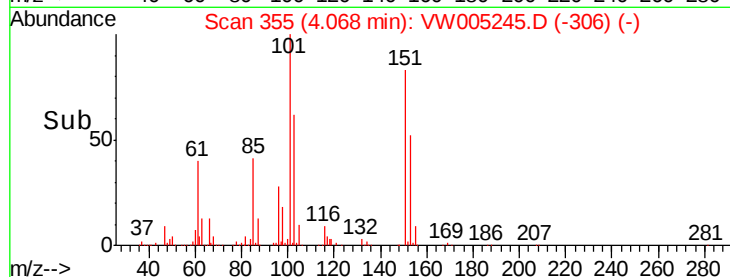
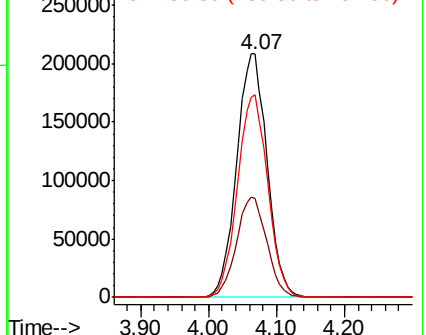
101 100

85 40.9 32.7 49.1

151 83.0 67.6 101.4



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: 178.094 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

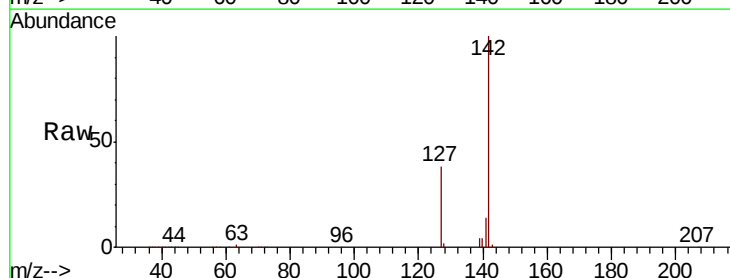
Tgt Ion:142 Resp: 856581

Ion Ratio Lower Upper

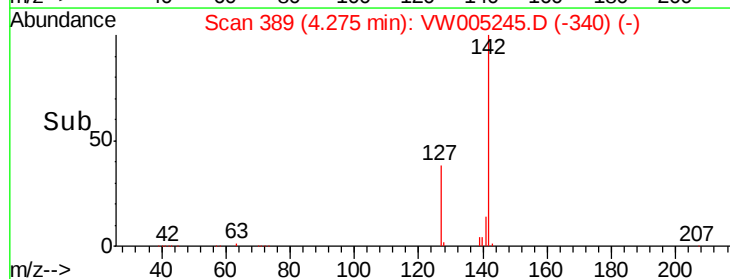
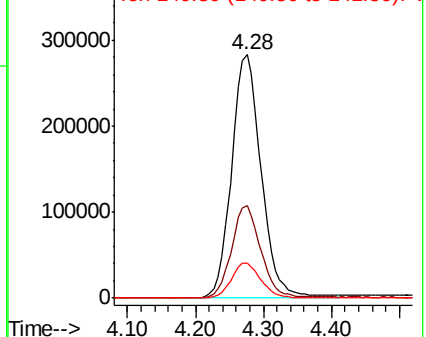
142 100

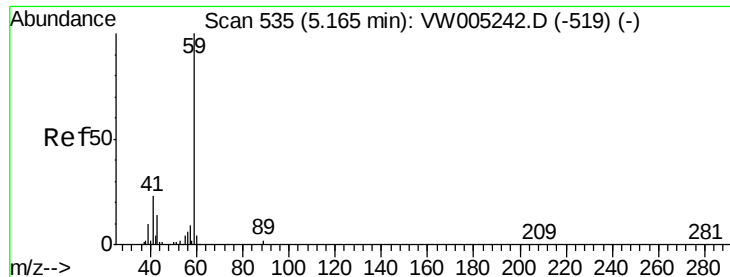
127 37.6 30.3 45.5

141 14.2 11.4 17.0



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



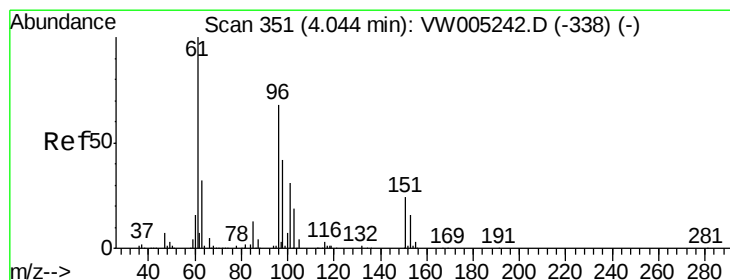
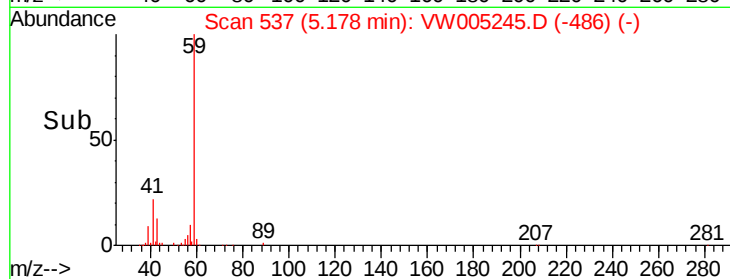
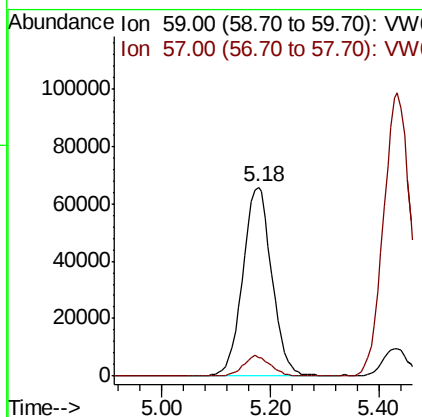
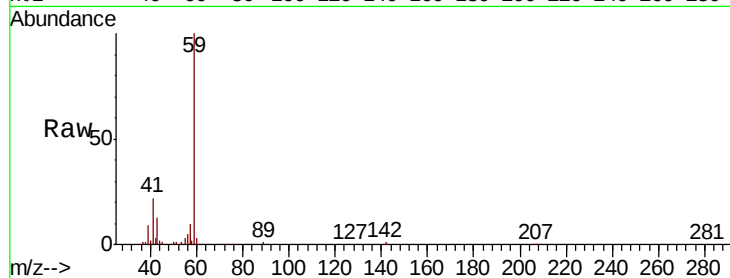


#11

Tert butyl alcohol
Concen: 779.609 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

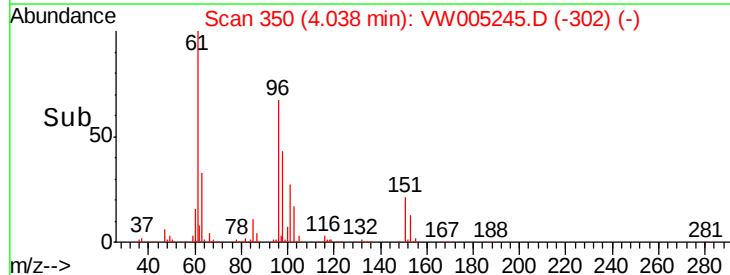
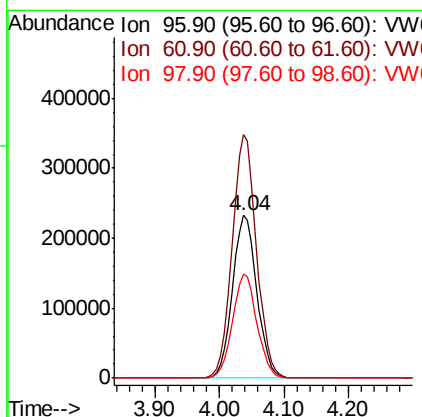
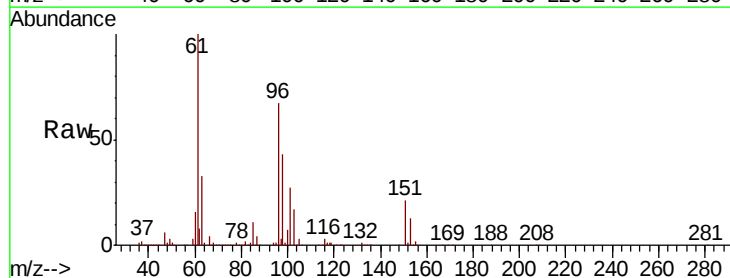
Tgt Ion: 59 Resp: 243471
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

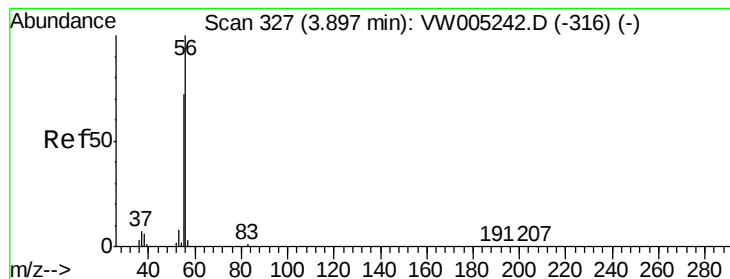


#12

1,1-Dichloroethene
Concen: 152.670 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 96 Resp: 614009
Ion Ratio Lower Upper
96 100
61 149.6 118.2 177.2
98 63.6 49.9 74.9





#13

Acrolein

Concen: 793.634 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

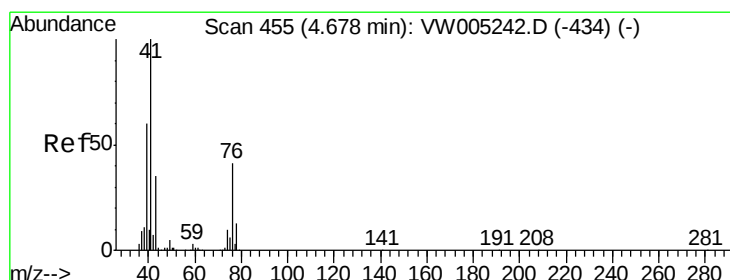
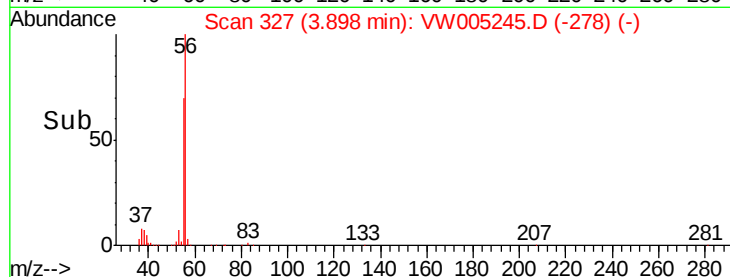
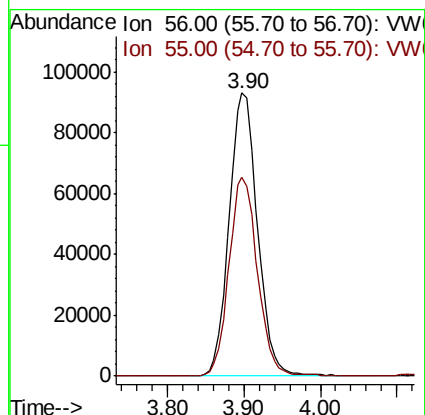
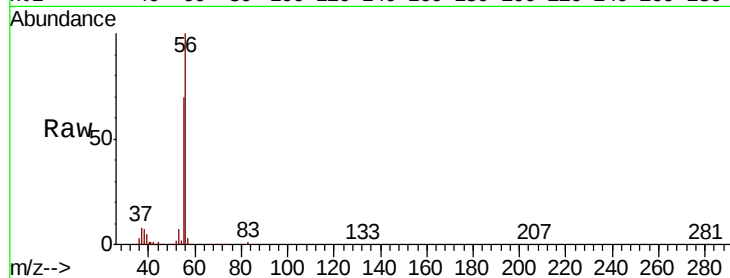
VSTDIC150

Tgt Ion: 56 Resp: 239415

Ion Ratio Lower Upper

56 100

55 70.2 56.8 85.2



#14

Allyl chloride

Concen: 161.485 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

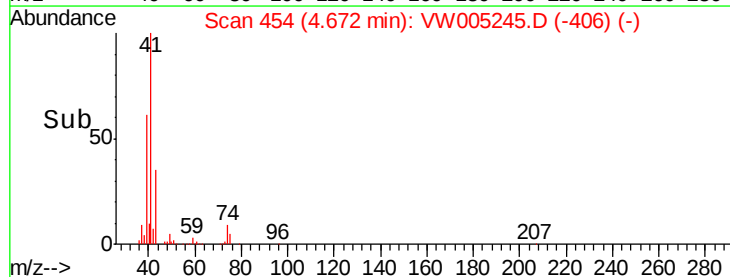
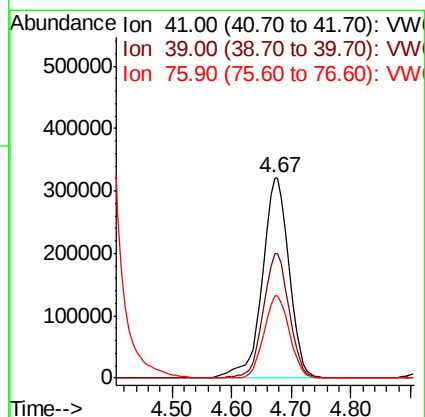
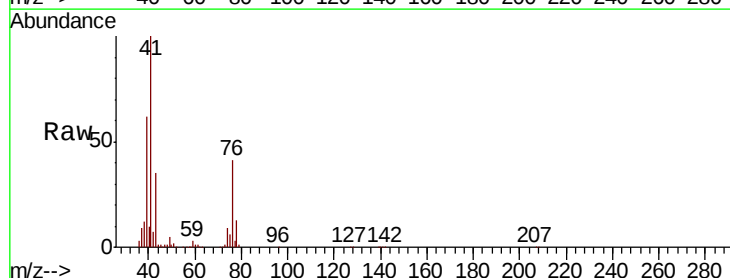
Tgt Ion: 41 Resp: 997927

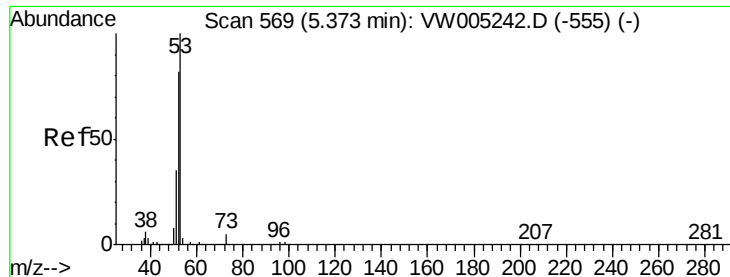
Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

76 39.0 31.7 47.5





#15

Acrylonitrile

Concen: 794.069 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

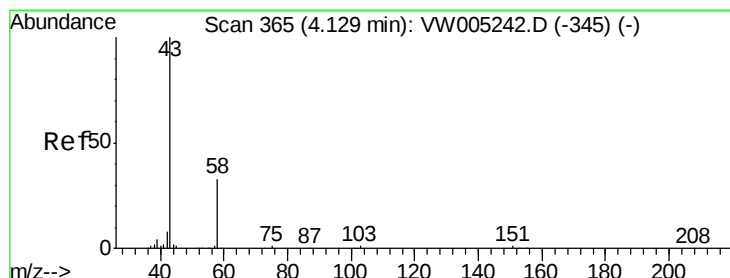
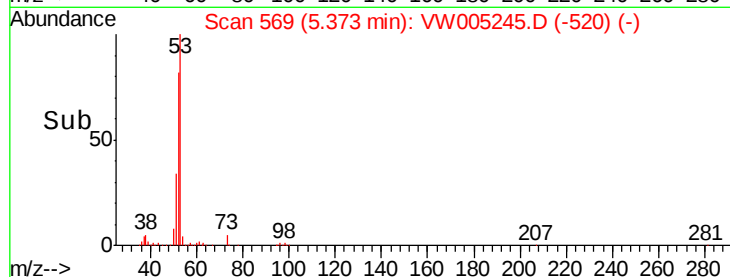
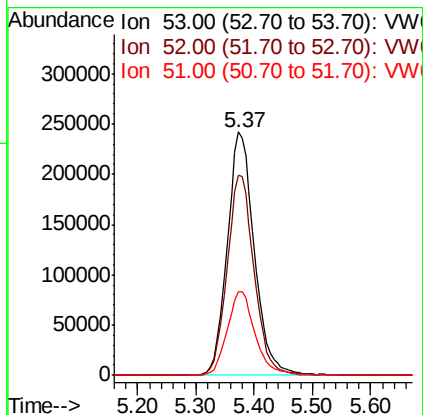
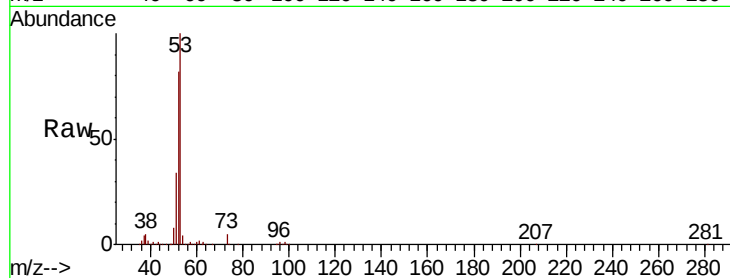
Tgt Ion: 53 Resp: 780749

Ion Ratio Lower Upper

53 100

52 81.9 66.0 99.0

51 35.5 28.6 43.0



#16

Acetone

Concen: 778.483 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005245.D

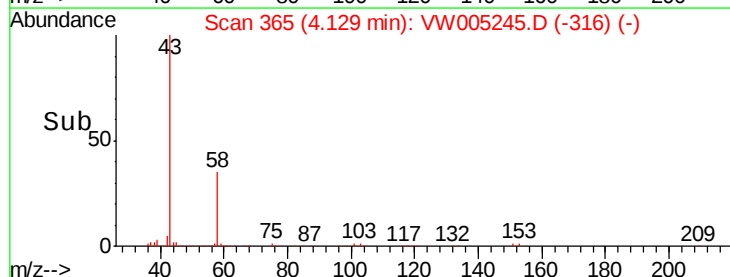
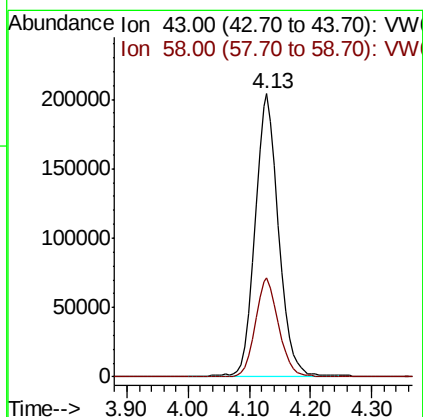
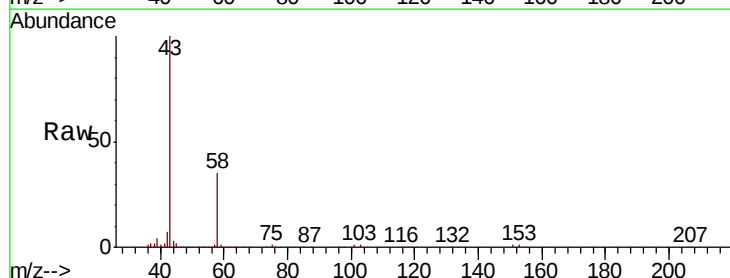
Acq: 10 Sep 2018 16:39

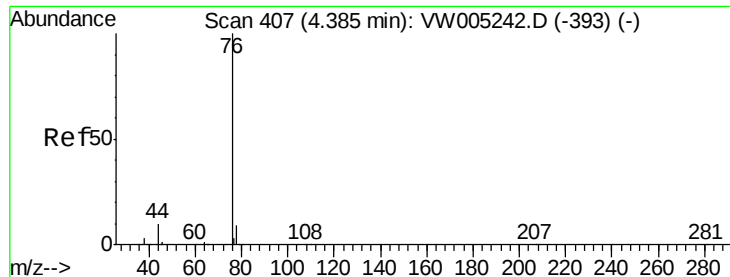
Tgt Ion: 43 Resp: 550274

Ion Ratio Lower Upper

43 100

58 34.8 26.7 40.1

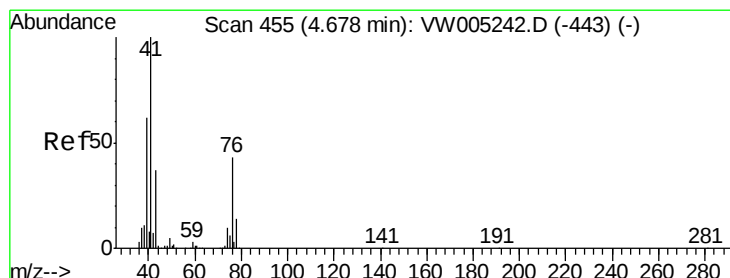
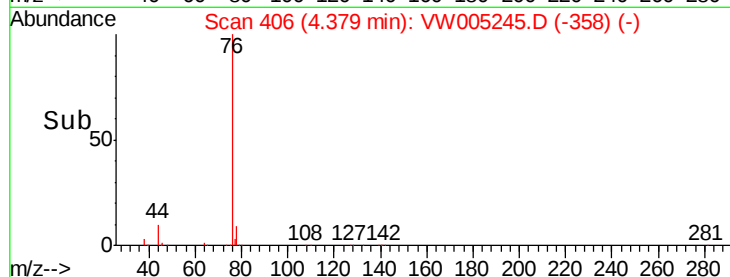
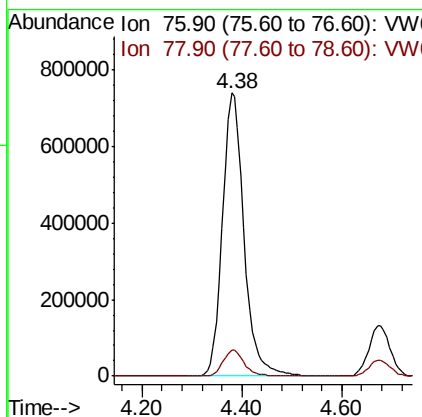
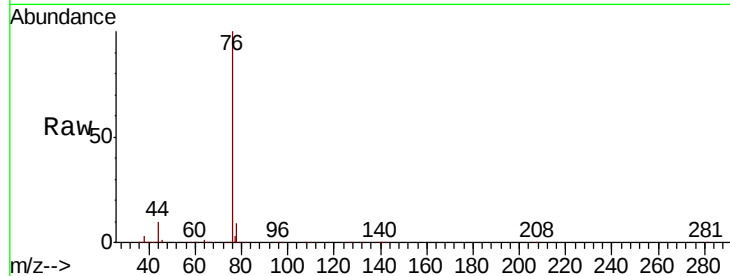




#17
Carbon Disulfide
Concen: 156.933 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

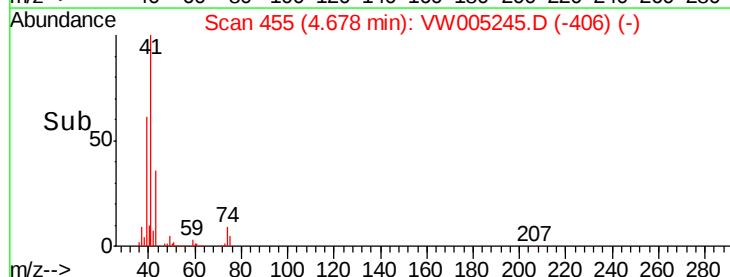
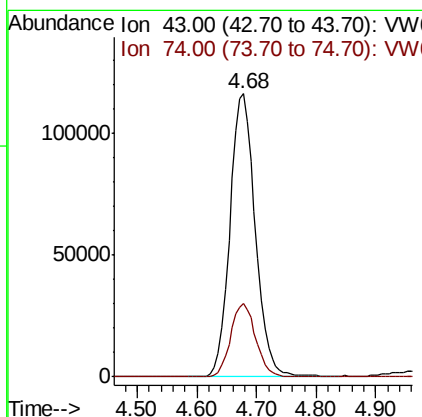
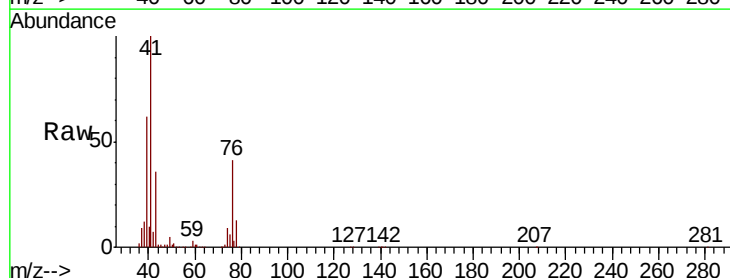
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

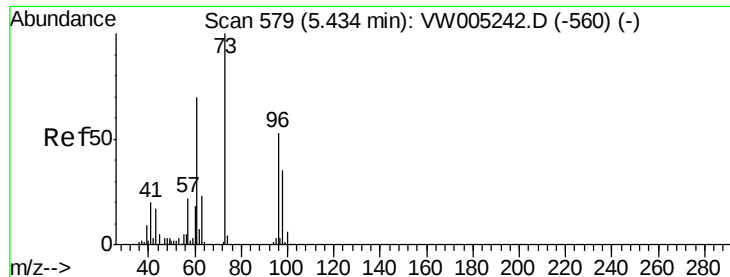
Tgt Ion: 76 Resp: 2215414
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 162.023 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 43 Resp: 341877
Ion Ratio Lower Upper
43 100
74 25.8 21.4 32.2



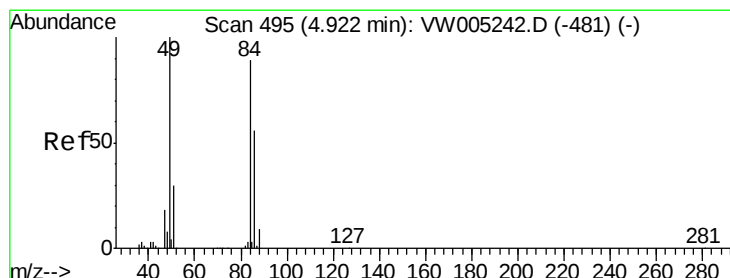
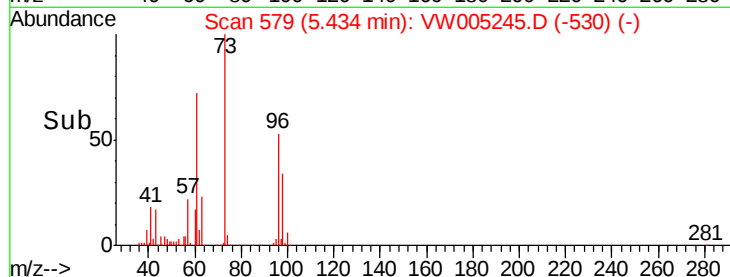
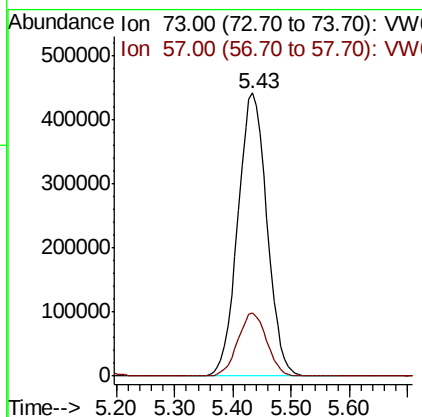
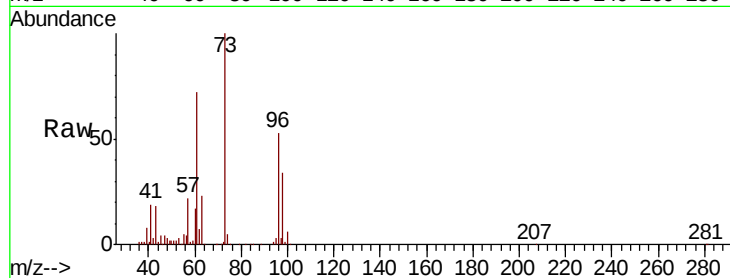


#19

Methyl tert-butyl Ether
 Concen: 159.243 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

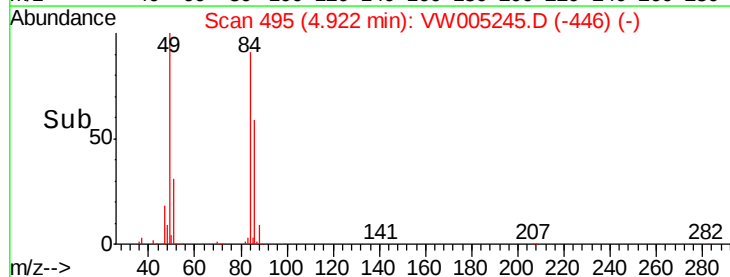
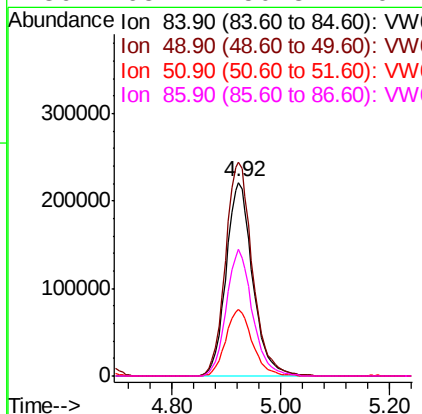
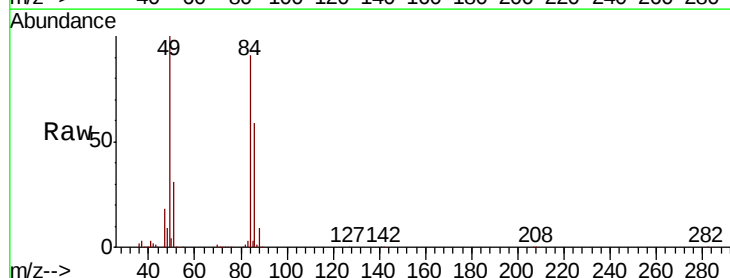
Tgt Ion: 73 Resp: 1525411
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.4 26.2

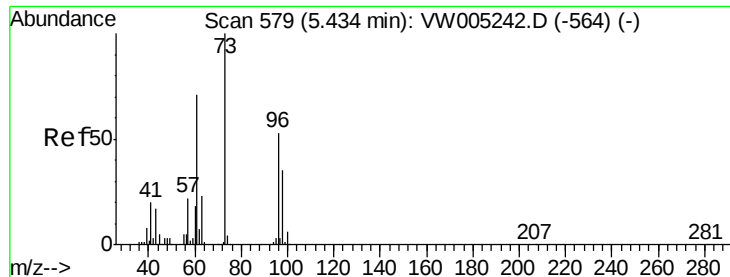


#20

Methylene Chloride
 Concen: 125.504 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 84 Resp: 751921
 Ion Ratio Lower Upper
 84 100
 49 110.4 90.3 135.5
 51 34.7 26.9 40.3
 86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 154.945 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

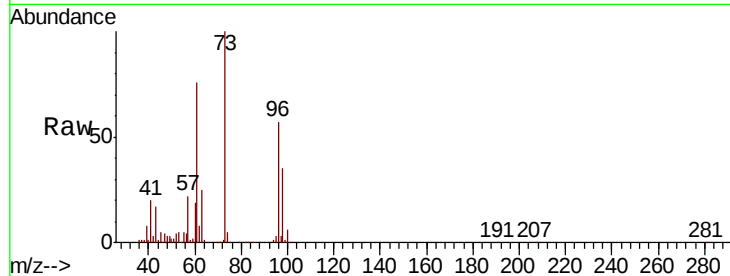
Tgt Ion: 96 Resp: 727593

Ion Ratio Lower Upper

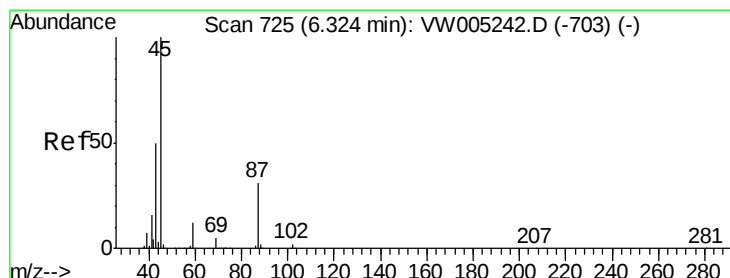
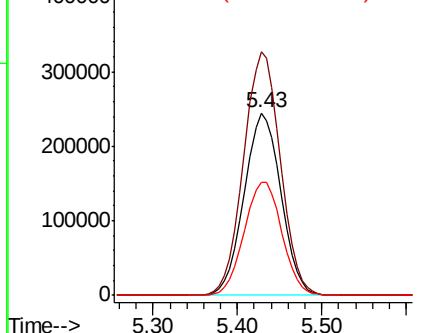
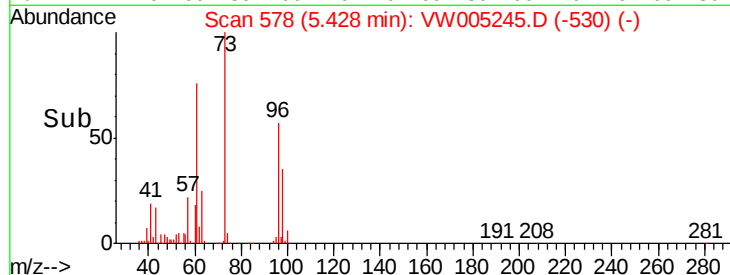
96 100

61 133.3 105.7 158.5

98 62.0 52.8 79.2



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: 159.428 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Tgt Ion: 45 Resp: 1983458

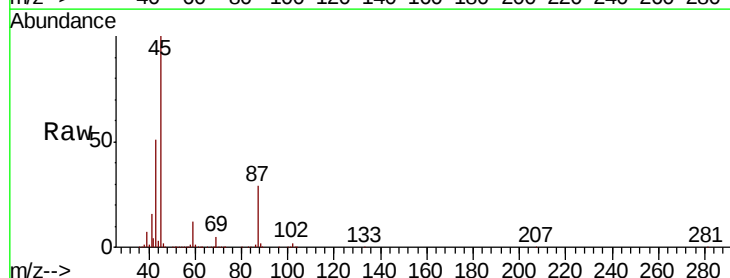
Ion Ratio Lower Upper

45 100

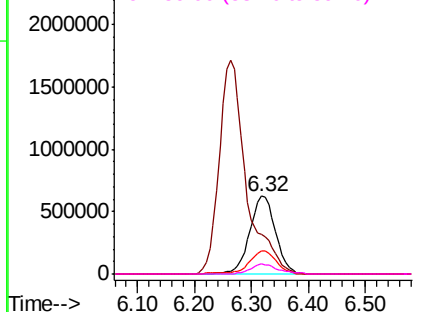
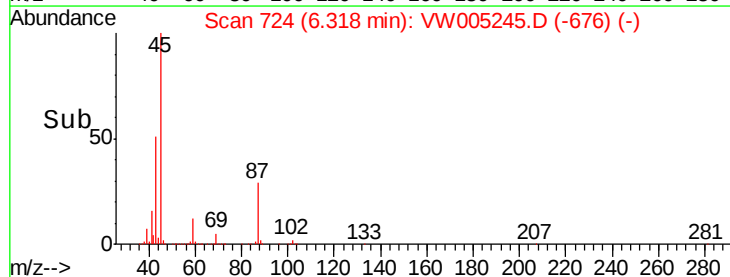
43 51.0 39.6 59.4

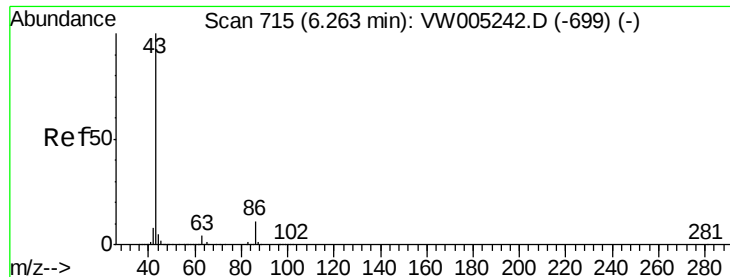
87 29.4 24.7 37.1

59 12.4 9.7 14.5



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

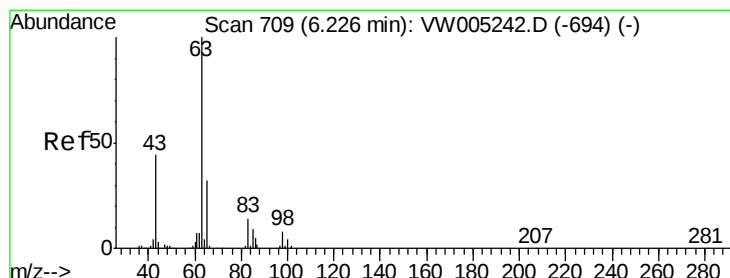
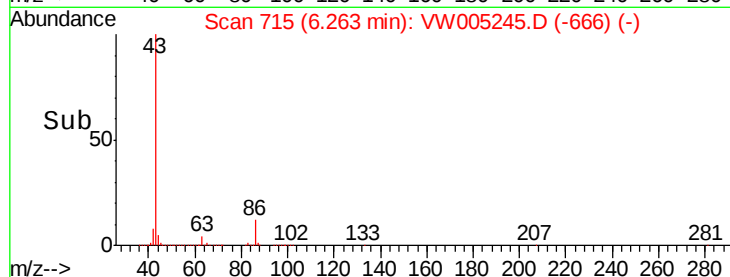
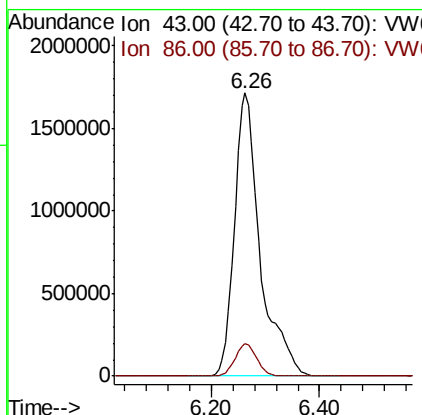
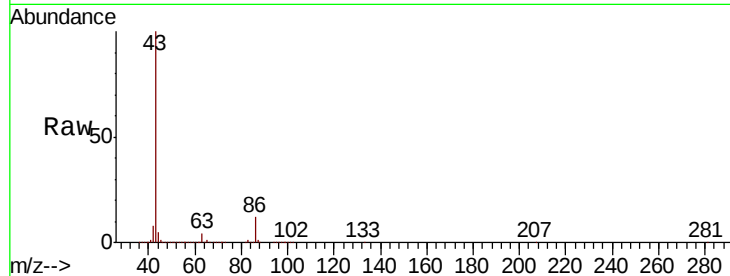




#23
 Vinyl Acetate
 Concen: 816.204 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

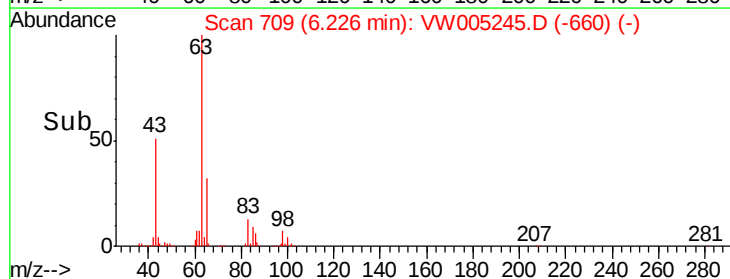
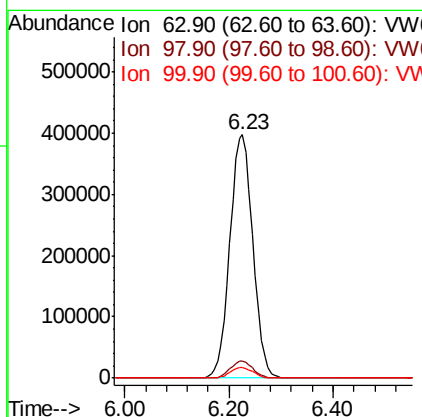
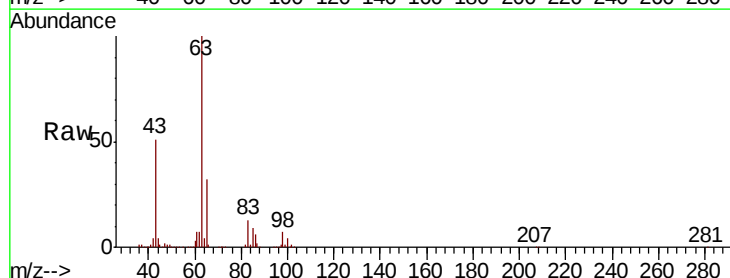
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

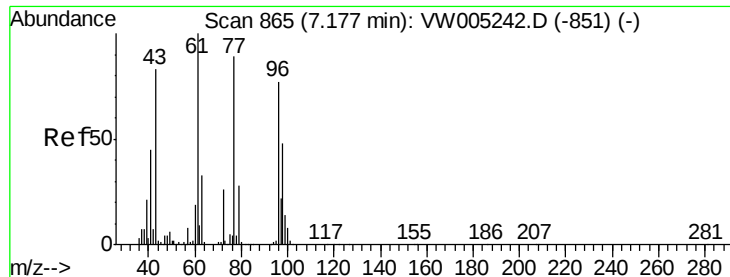
Tgt Ion: 43 Resp: 5659001
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 158.699 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 63 Resp: 1215359
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 810.729 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

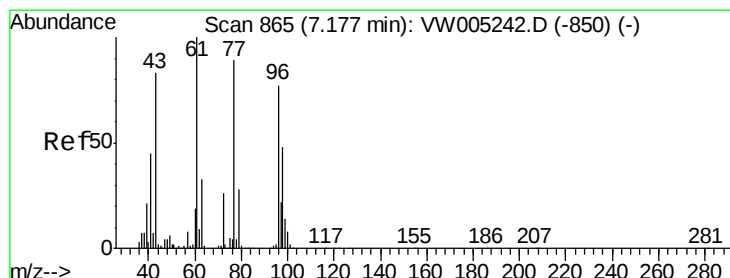
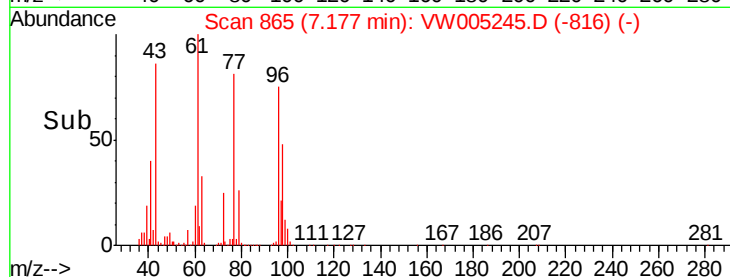
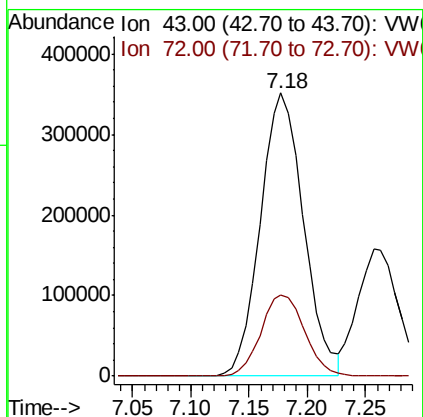
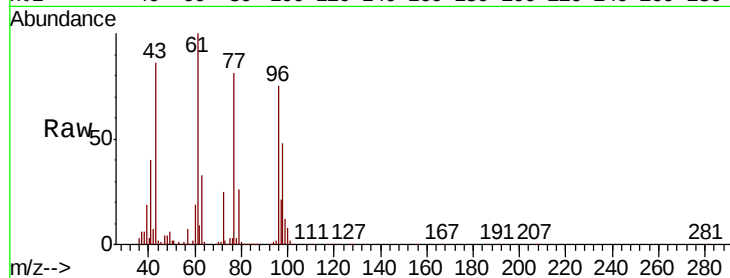
VSTDIC150

Tgt Ion: 43 Resp: 903930

Ion Ratio Lower Upper

43 100

72 28.6 25.0 37.6



#26

2,2-Dichloropropane

Concen: 145.649 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005245.D

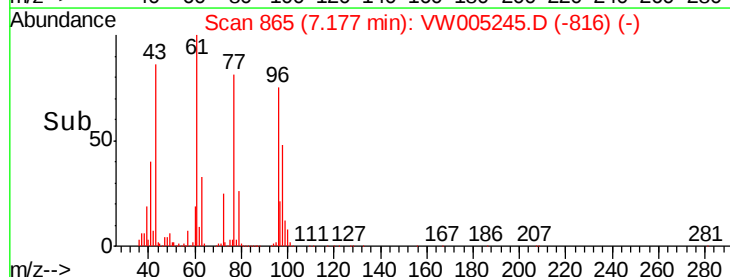
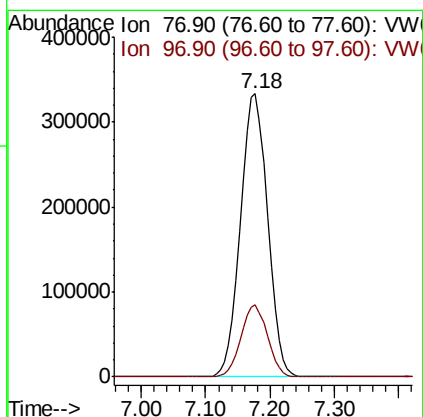
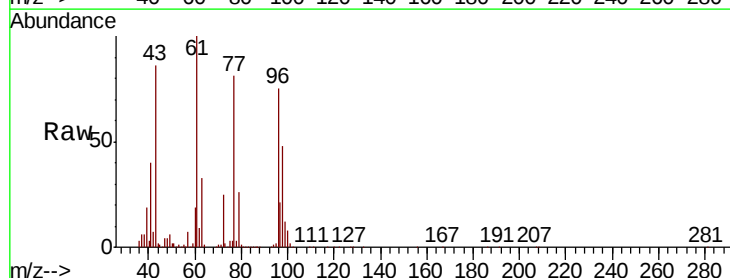
Acq: 10 Sep 2018 16:39

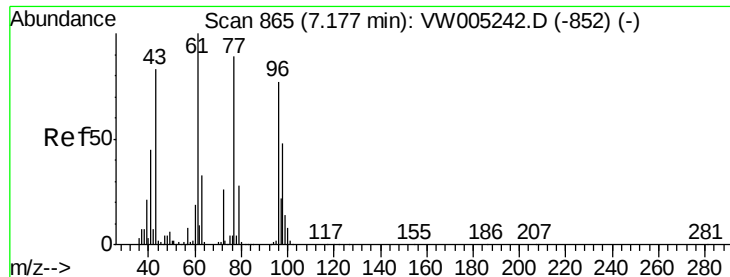
Tgt Ion: 77 Resp: 967084

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6



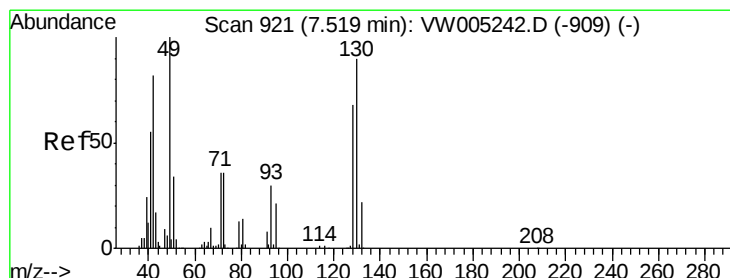
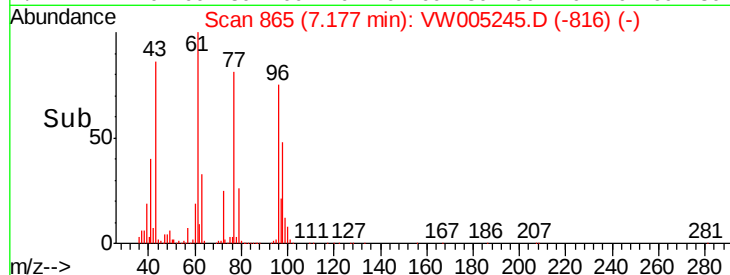
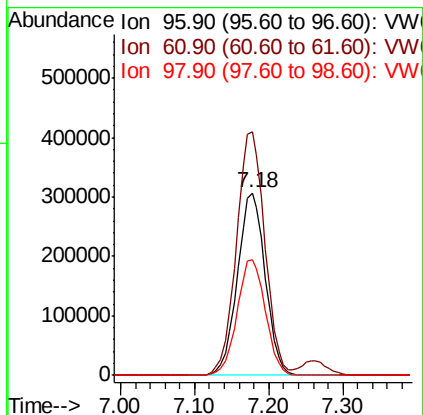
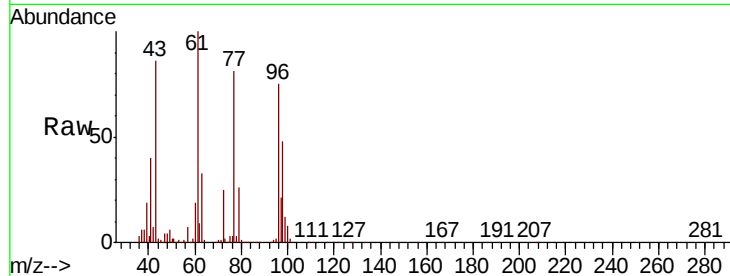


#27

cis-1,2-Dichloroethene
Concen: 159.895 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

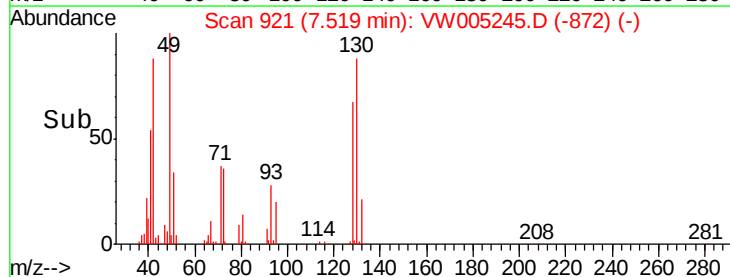
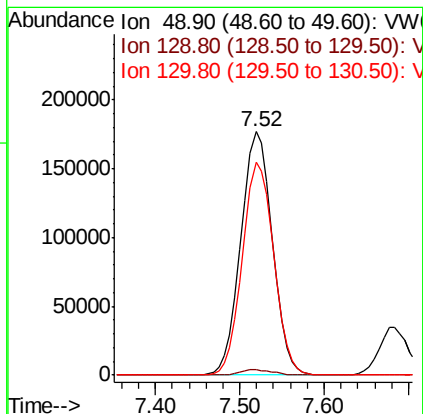
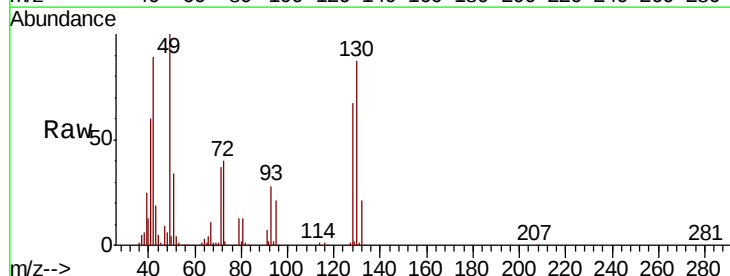
Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	273.4
98	64.5	0.0	127.8

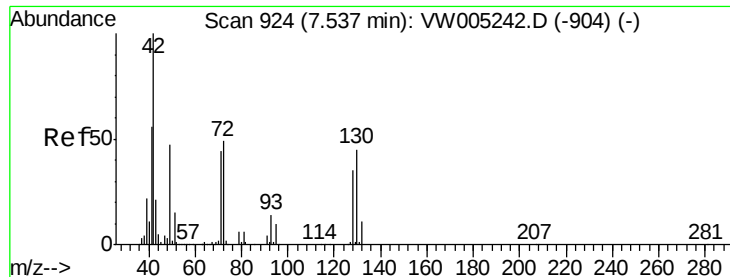


#28

Bromochloromethane
Concen: 158.585 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.0#
130	87.2	71.2	106.8





#29

Tetrahydrofuran

Concen: 828.968 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

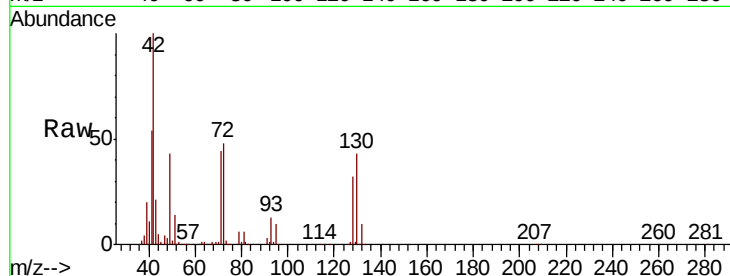
Tgt Ion: 42 Resp: 622861

Ion Ratio Lower Upper

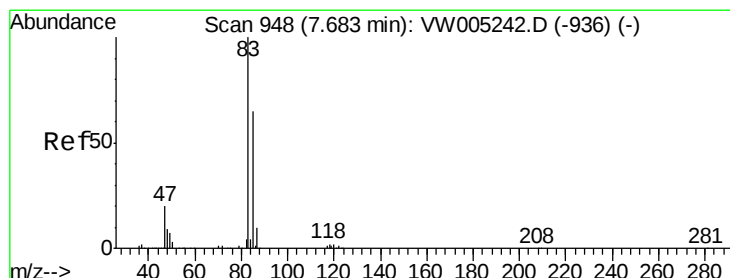
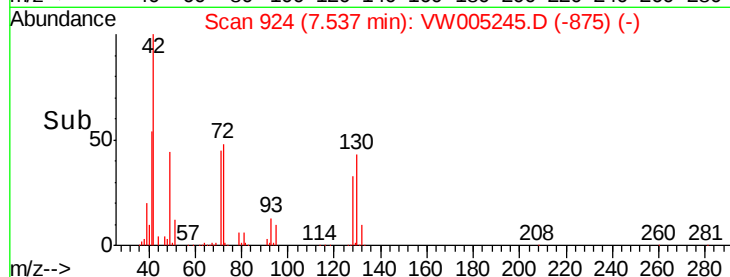
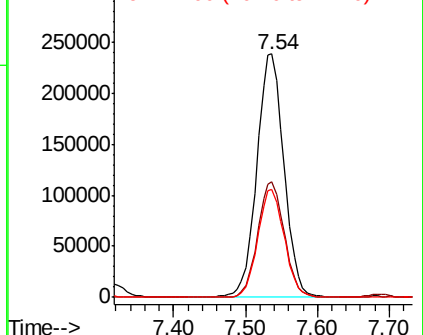
42 100

72 46.6 37.5 56.3

71 43.5 34.8 52.2



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: 157.602 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW005245.D

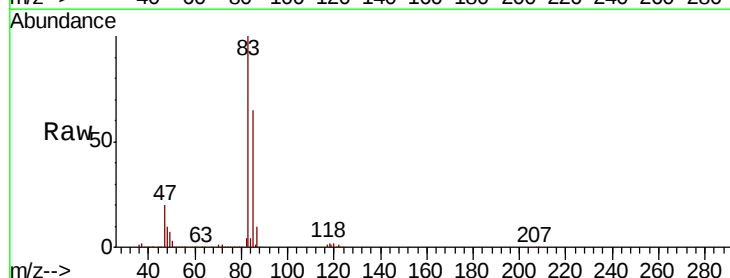
Acq: 10 Sep 2018 16:39

Tgt Ion: 83 Resp: 1211248

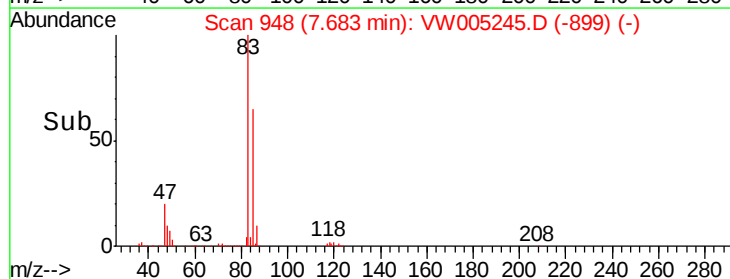
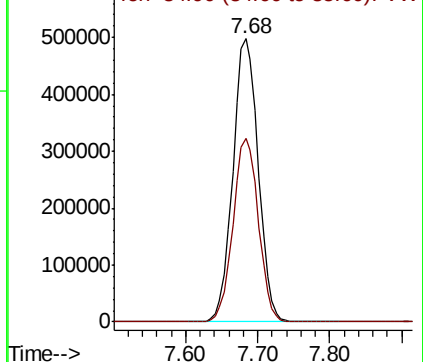
Ion Ratio Lower Upper

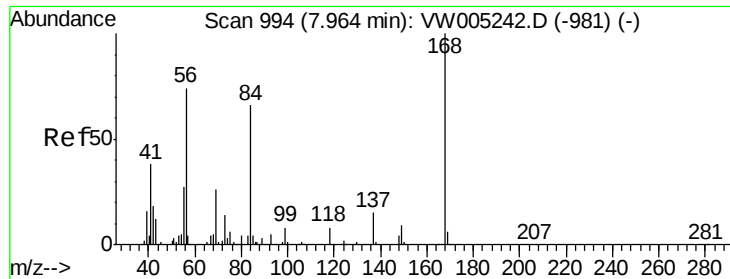
83 100

85 64.9 51.7 77.5



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

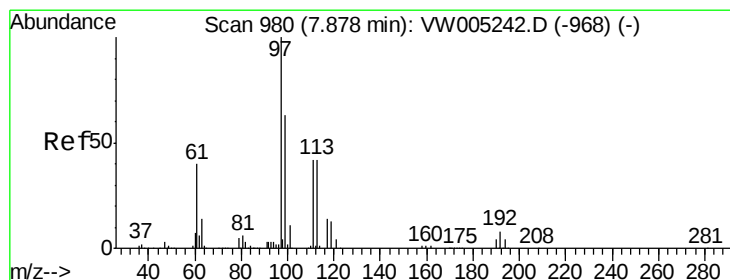
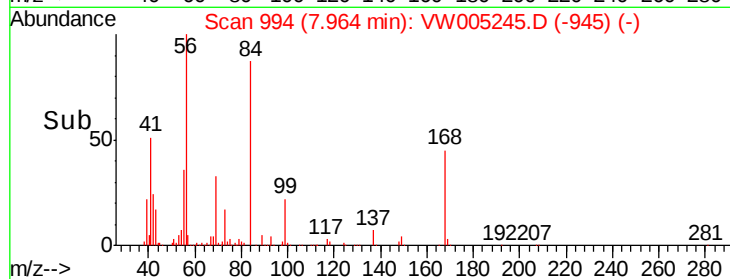
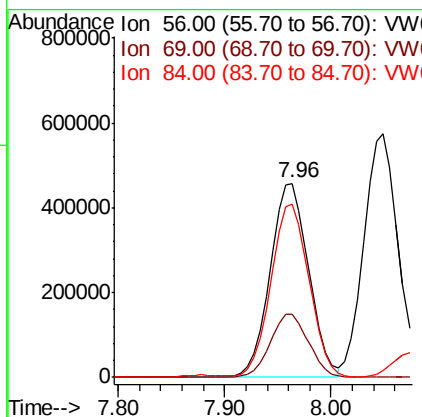
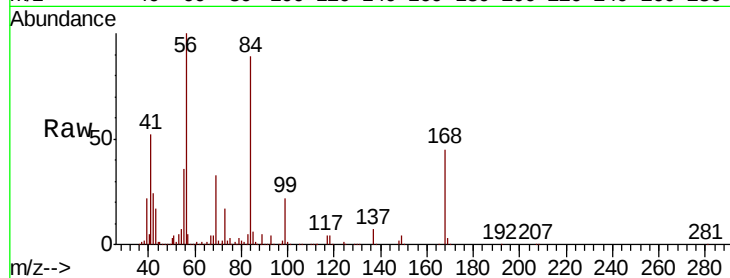




#31
Cyclohexane
Concen: 140.626 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

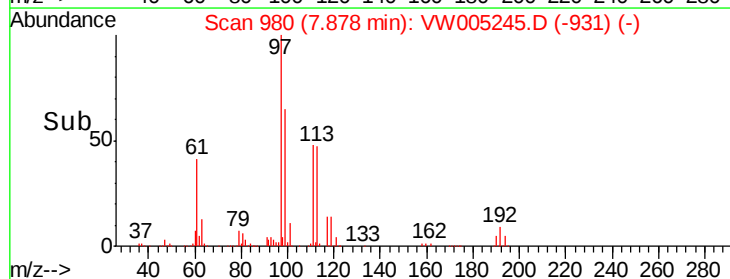
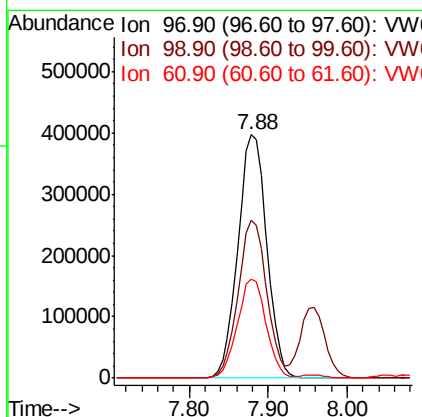
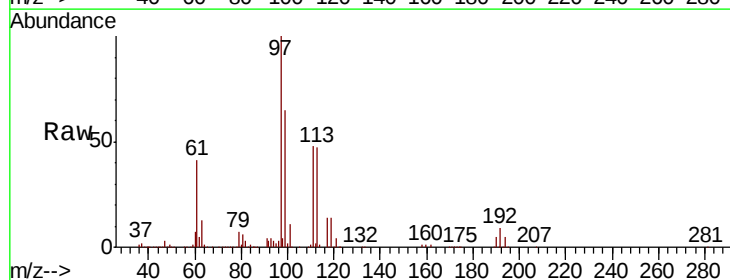
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

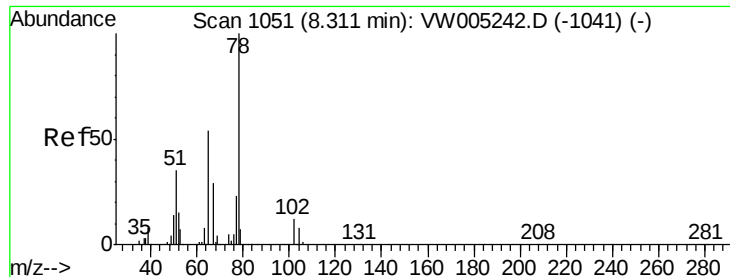
Tgt Ion: 56 Resp: 1145929
Ion Ratio Lower Upper
56 100
69 32.5 27.8 41.8
84 88.1 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 146.006 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 97 Resp: 1013739
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 40.4 32.5 48.7

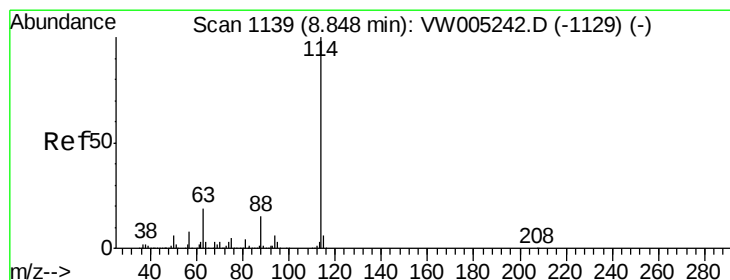
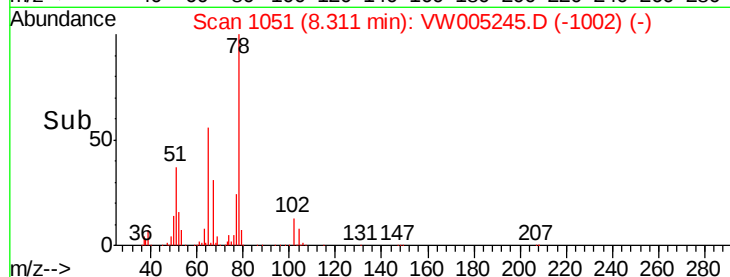
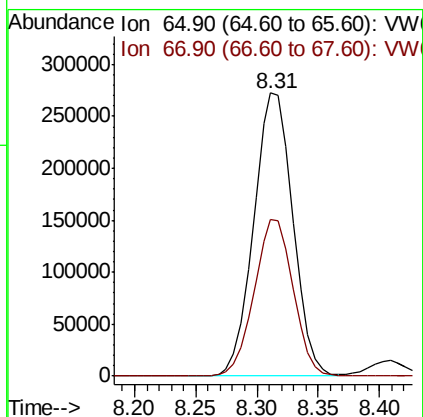
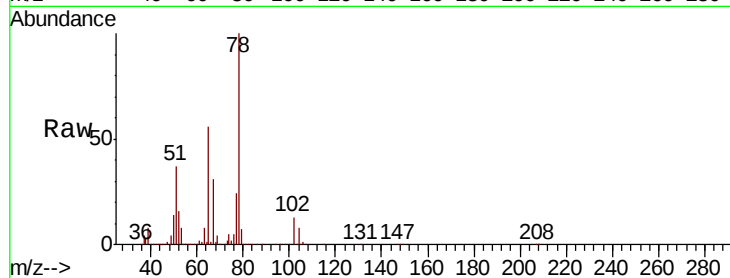




#33
 1,2-Dichloroethane-d4
 Concen: 159.308 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

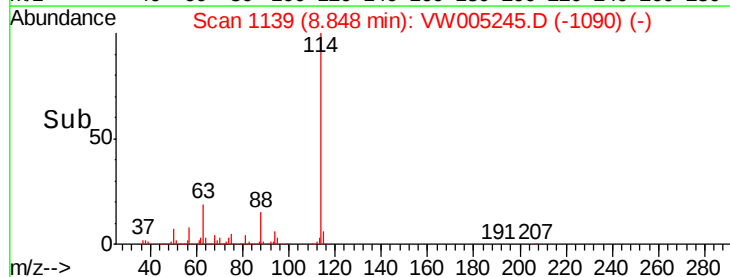
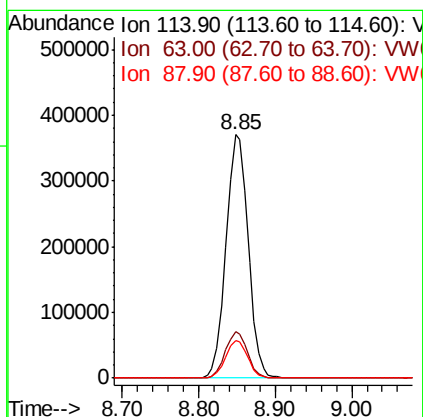
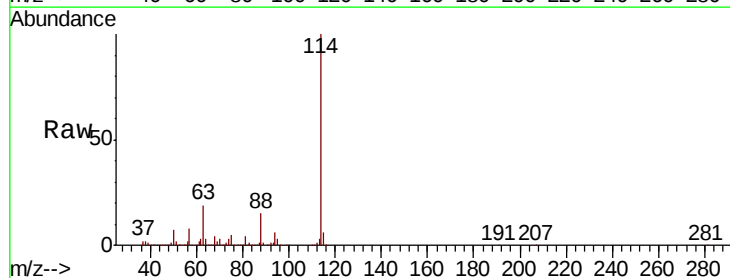
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

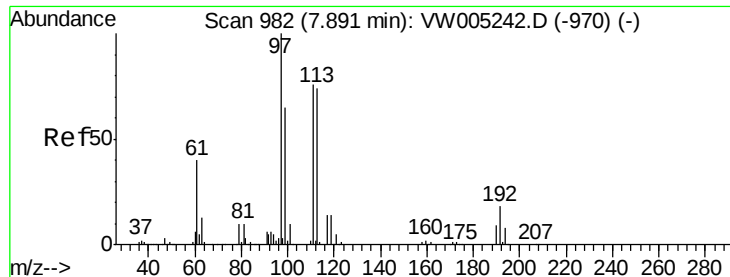
Tgt Ion: 65 Resp: 606670
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 114 Resp: 740252
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 15.4 0.0 30.4

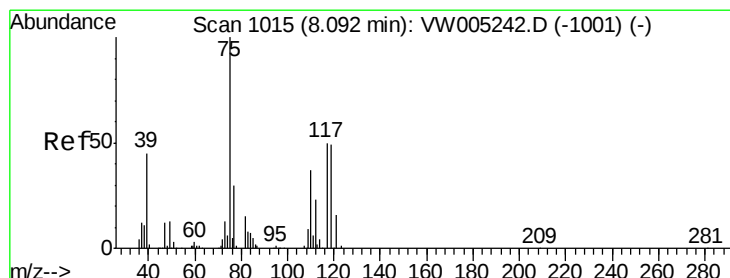
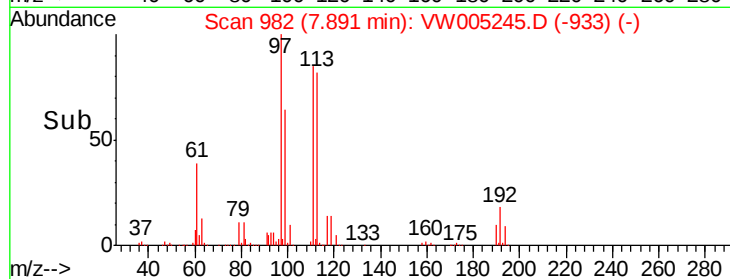
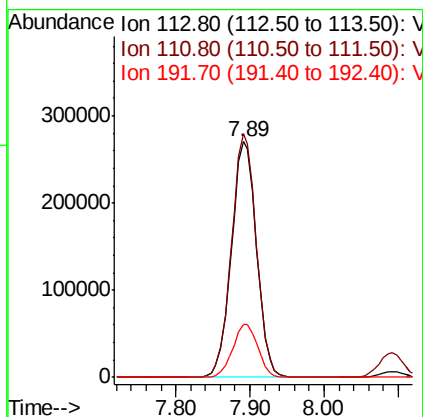
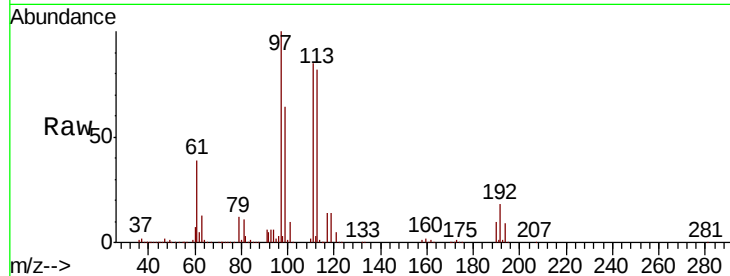




#35
 Dibromofluoromethane
 Concen: 164.401 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

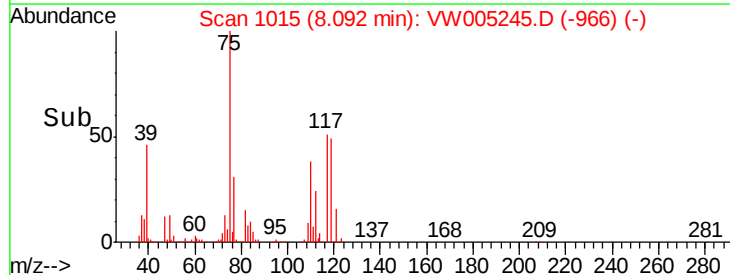
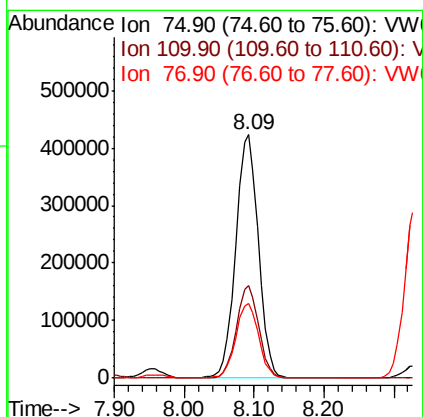
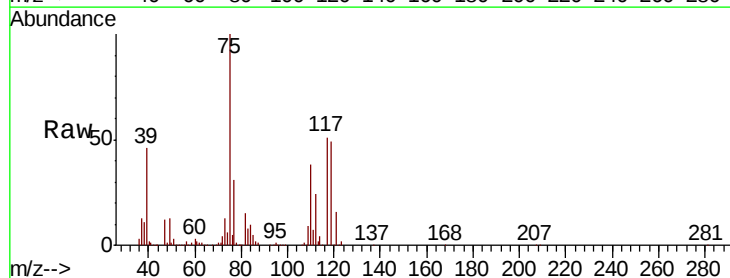
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

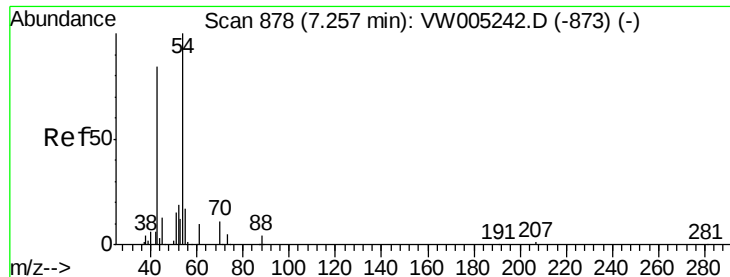
Tgt Ion: 113 Resp: 637498
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.6 121.0
 192 22.6 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 140.105 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 75 Resp: 950184
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.8 56.4
 77 31.2 24.9 37.3

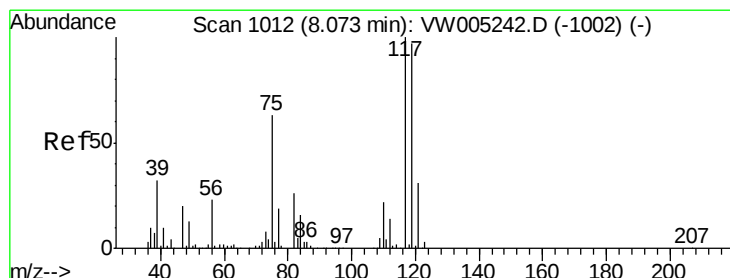
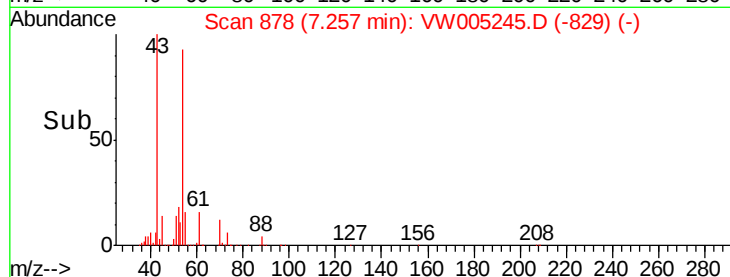
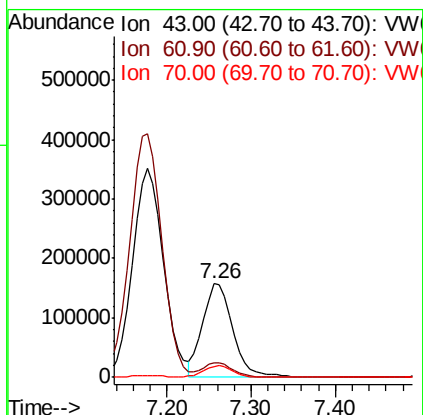
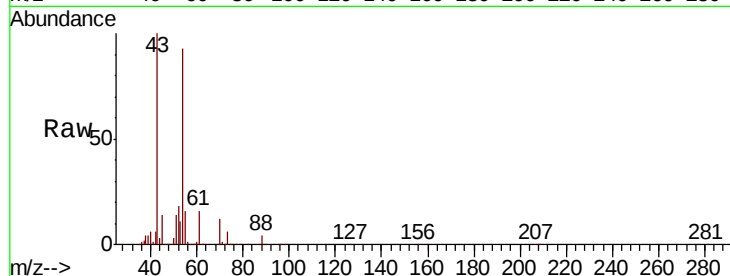




#37
Ethyl Acetate
Concen: 152.511 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

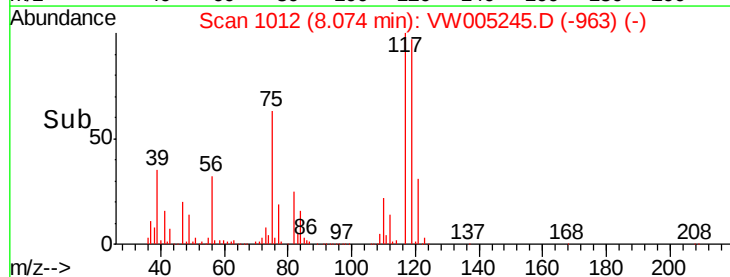
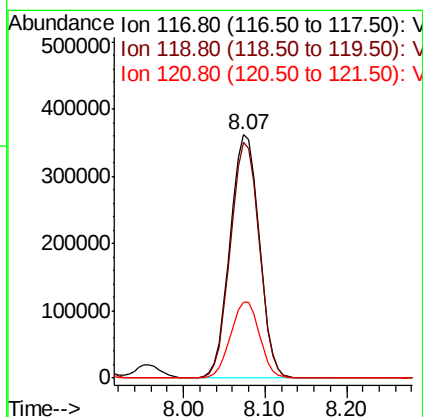
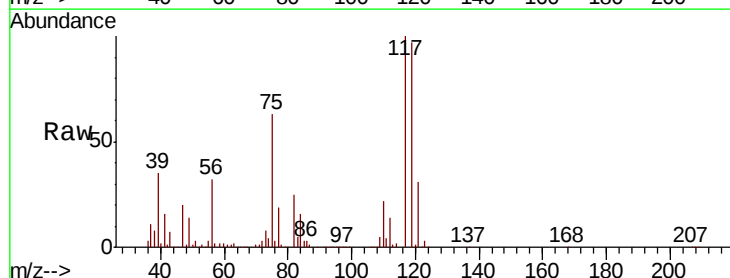
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

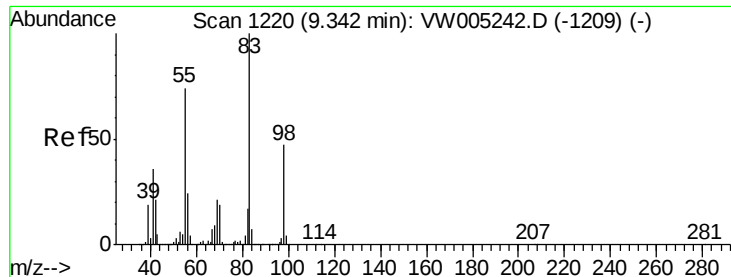
Tgt Ion: 43 Resp: 393418
Ion Ratio Lower Upper
43 100
61 15.2 12.3 18.5
70 12.0 9.5 14.3



#38
Carbon Tetrachloride
Concen: 140.315 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 117 Resp: 891418
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 31.2 24.7 37.1

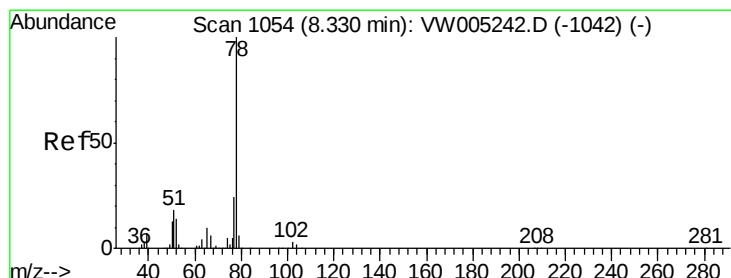
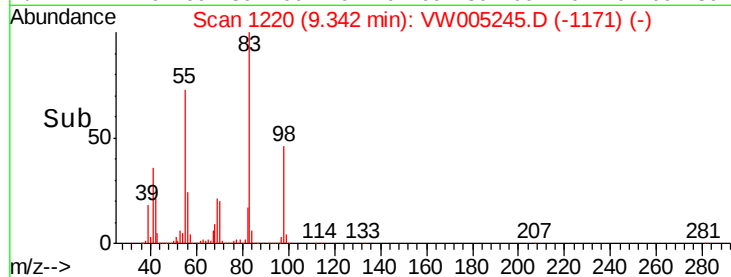
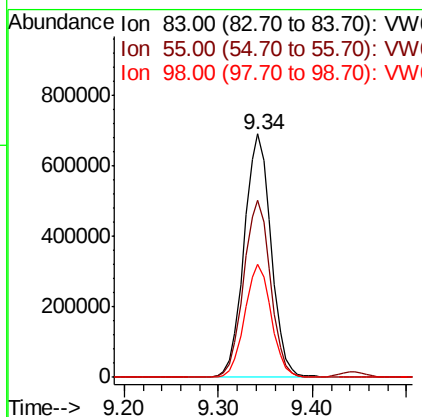
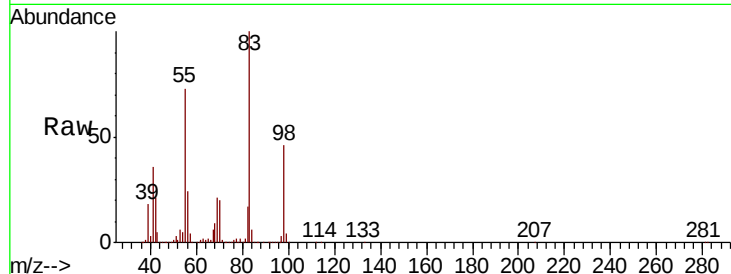




#39
Methylcyclohexane
Concen: 153.627 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

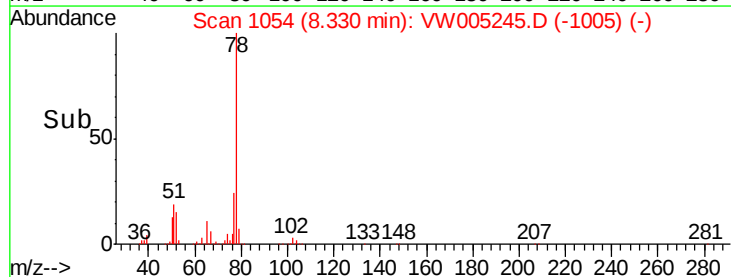
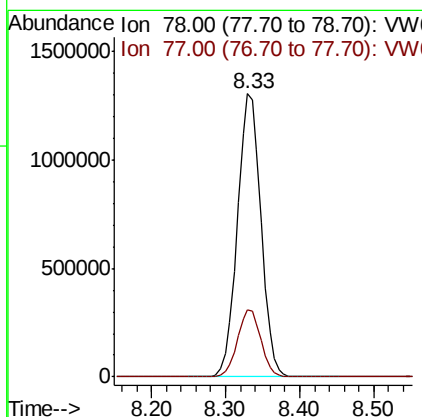
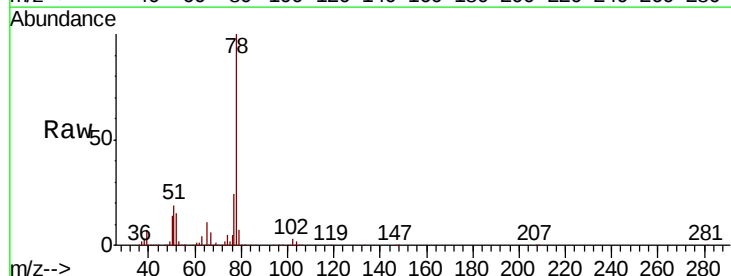
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

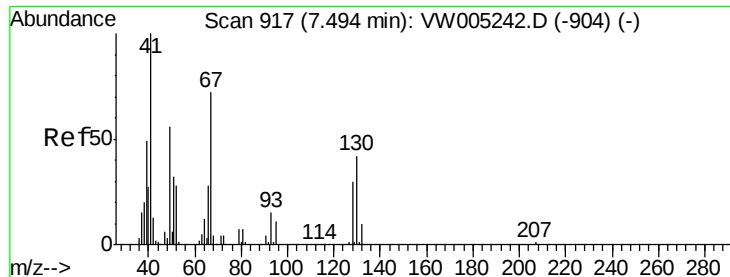
Tgt Ion: 83 Resp: 1383338
Ion Ratio Lower Upper
83 100
55 72.9 58.9 88.3
98 46.5 37.6 56.4



#40
Benzene
Concen: 144.814 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 78 Resp: 2893432
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

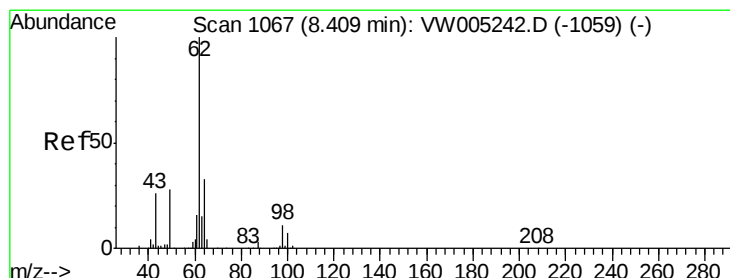
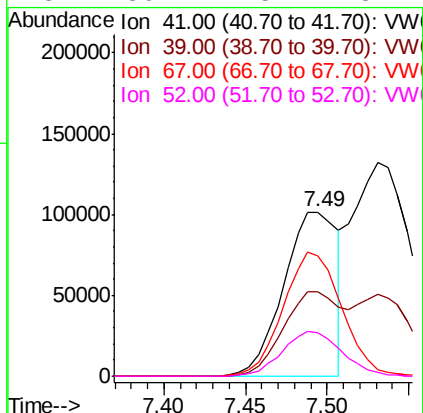
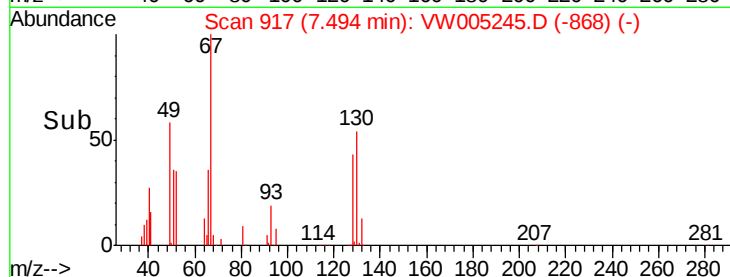
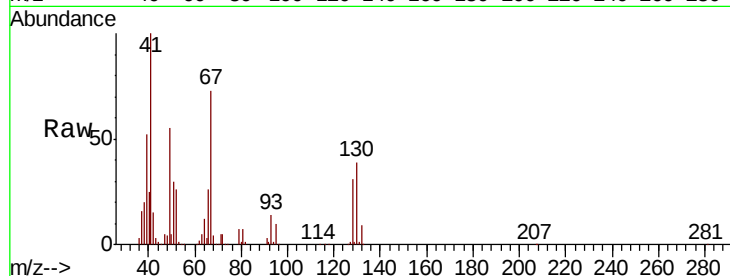




#41
Methacrylonitrile
Concen: 175.780 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

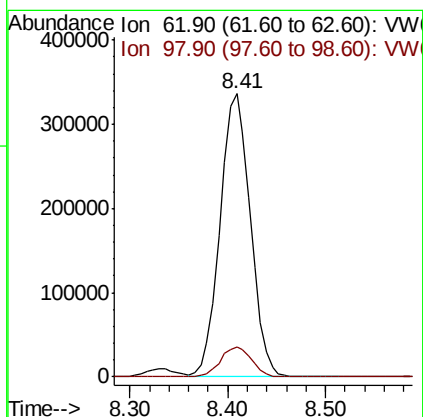
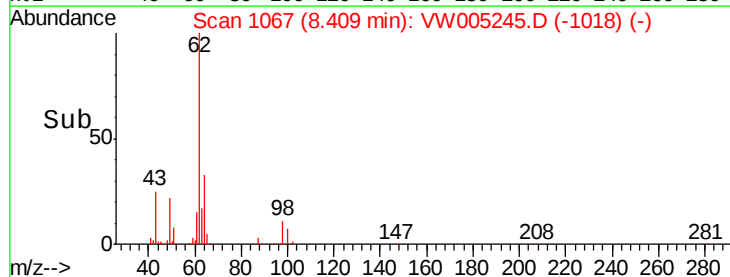
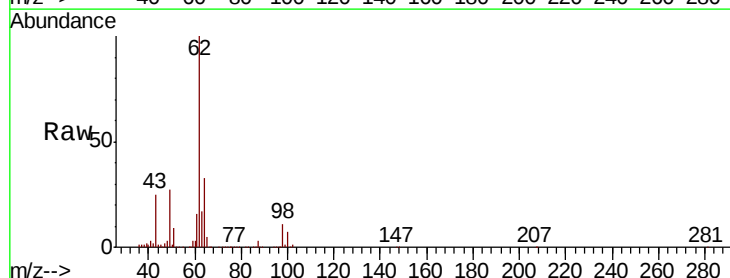
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

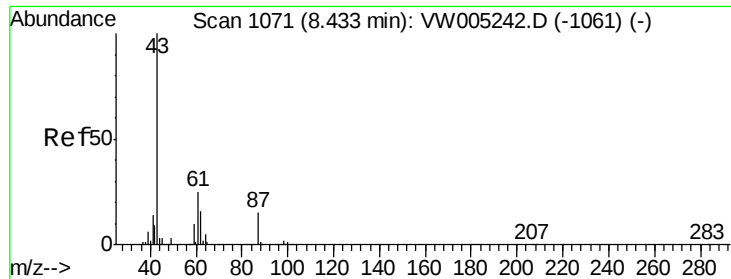
Tgt Ion:	41	Resp:	232635
Ion	Ratio	Lower	Upper
41	100		
39	57.4	39.9	59.9
67	82.0	65.7	98.5
52	30.1	25.1	37.7



#42
1,2-Dichloroethane
Concen: 151.119 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion:	62	Resp:	722345
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

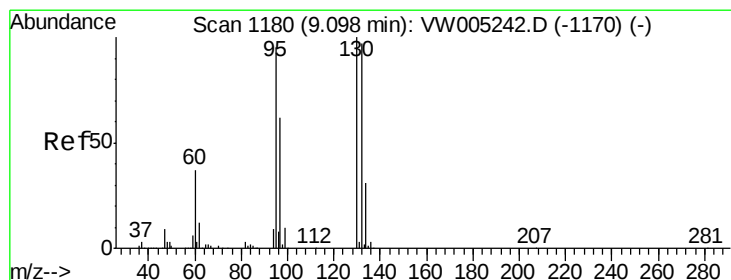
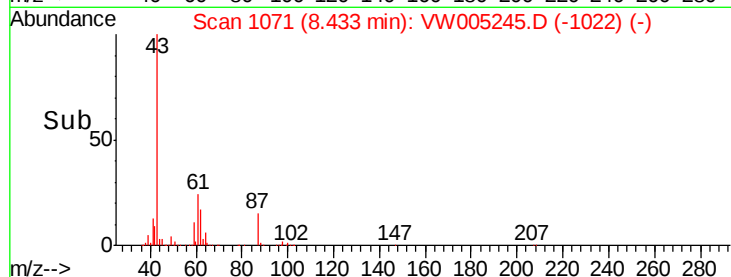
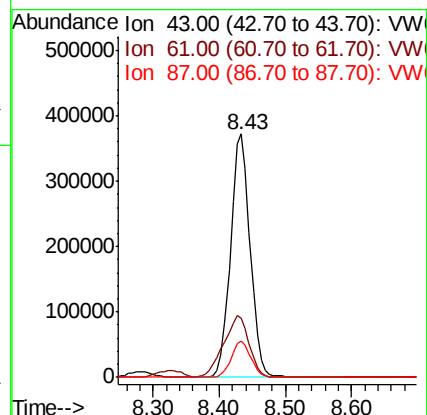
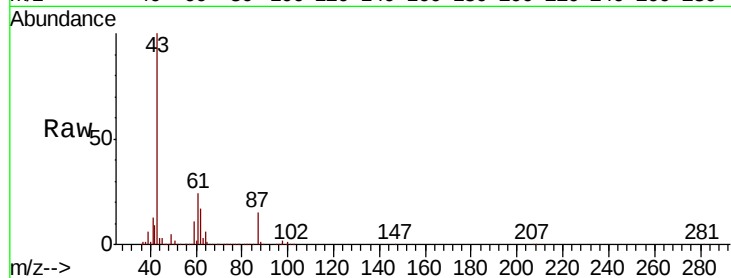




#43
Isopropyl Acetate
Concen: 159.259 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

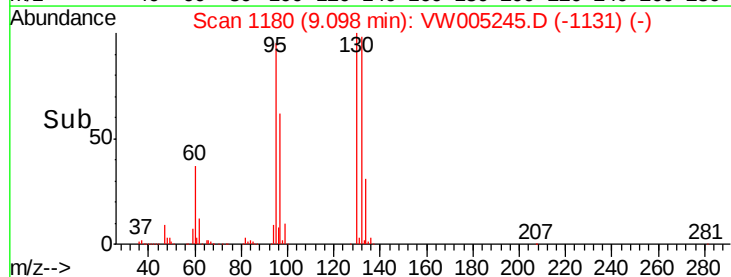
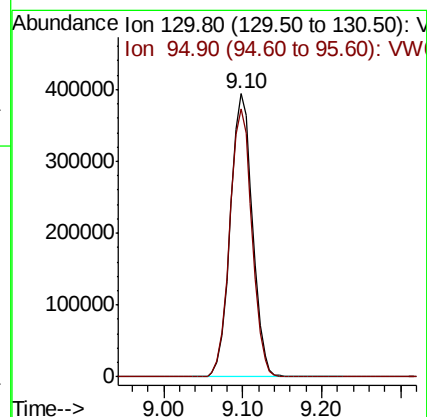
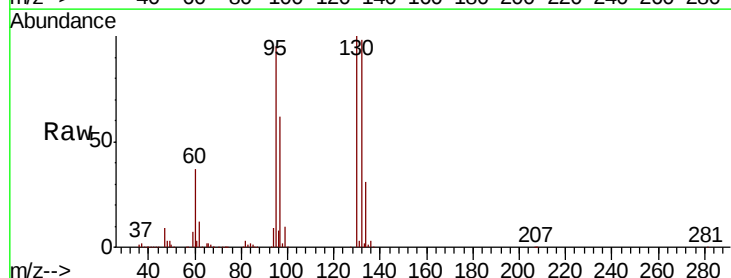
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

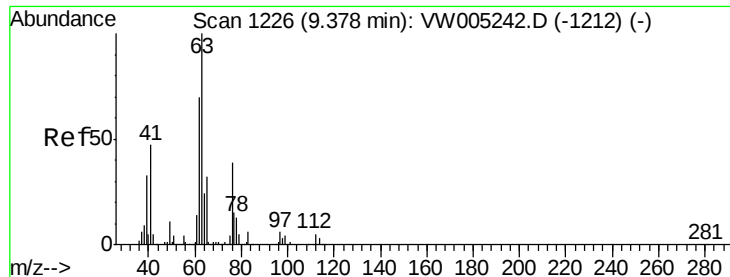
Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.4	38.0
87	14.9	11.9	17.9



#44
Trichloroethene
Concen: 140.453 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	189.6

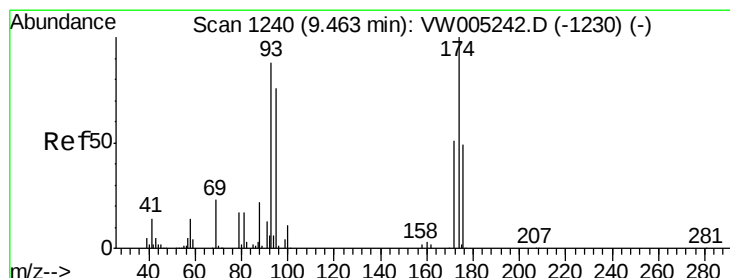
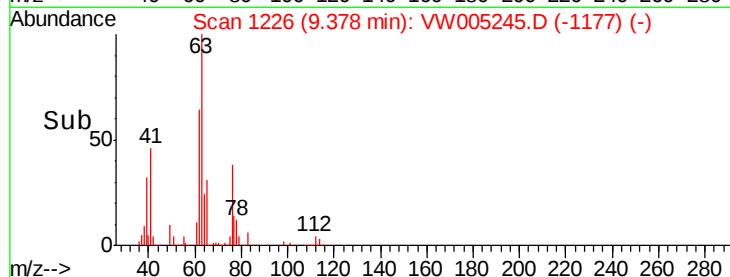
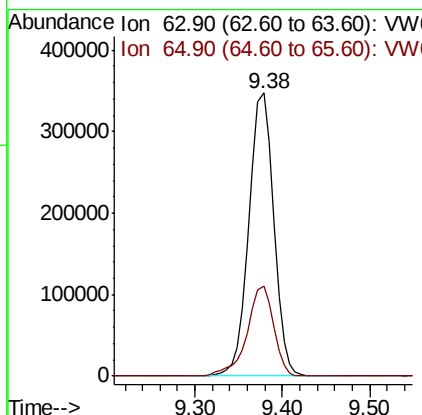
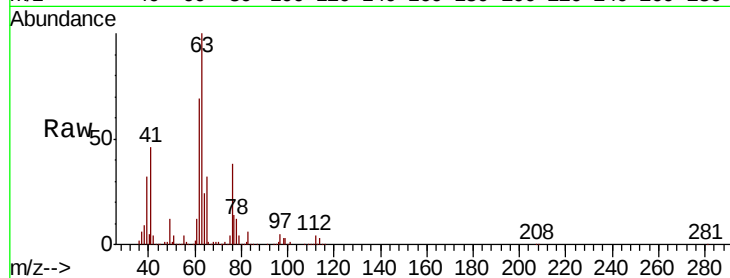




#45
 1,2-Dichloropropane
 Concen: 143.524 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

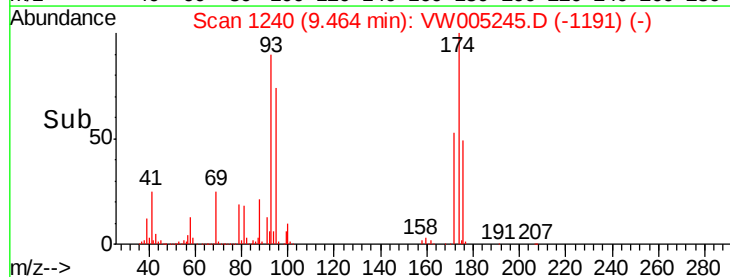
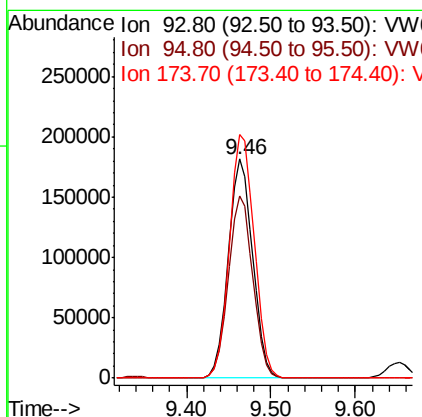
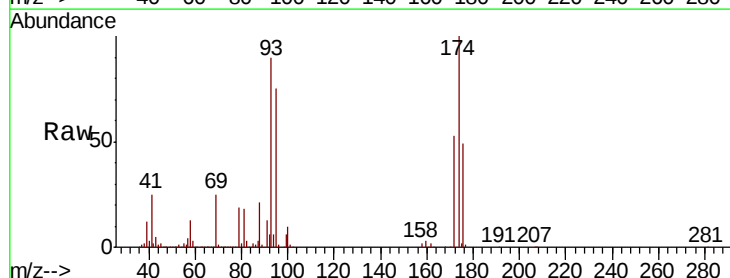
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

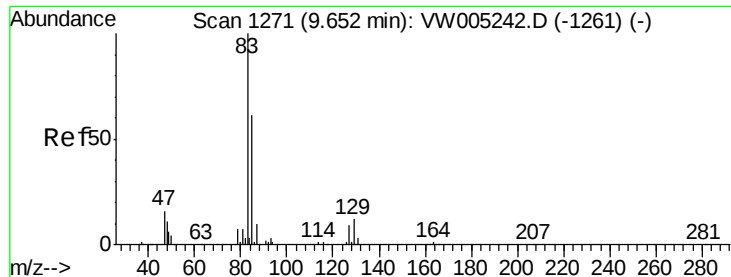
Tgt Ion: 63 Resp: 689279
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.2



#46
 Dibromomethane
 Concen: 151.546 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 93 Resp: 356251
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 113.0 92.2 138.2





#47

Bromodichloromethane

Concen: 150.331 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

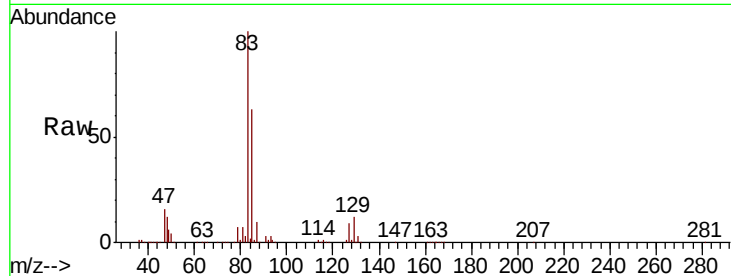
Tgt Ion: 83 Resp: 864494

Ion Ratio Lower Upper

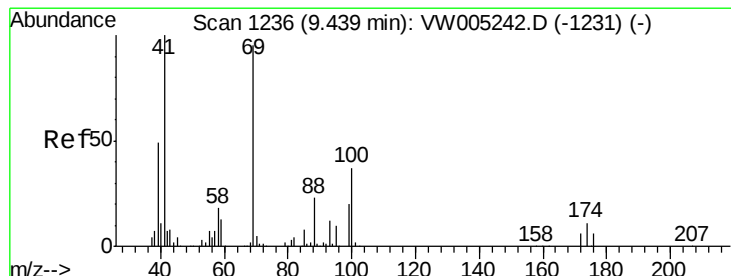
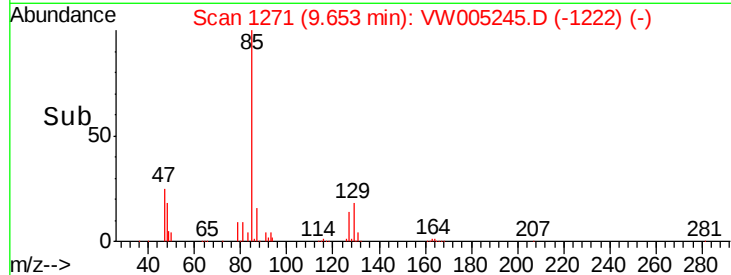
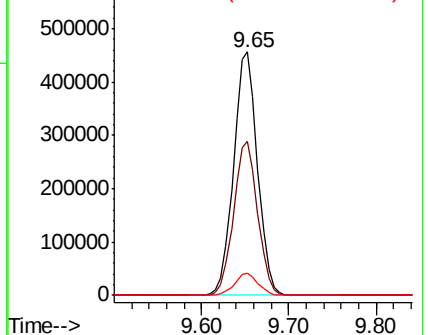
83 100

85 63.3 49.0 73.6

127 9.0 7.0 10.4



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): VW



#48

Methyl methacrylate

Concen: 163.997 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

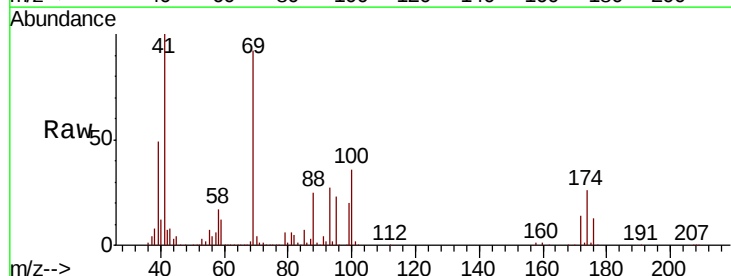
Tgt Ion: 41 Resp: 407910

Ion Ratio Lower Upper

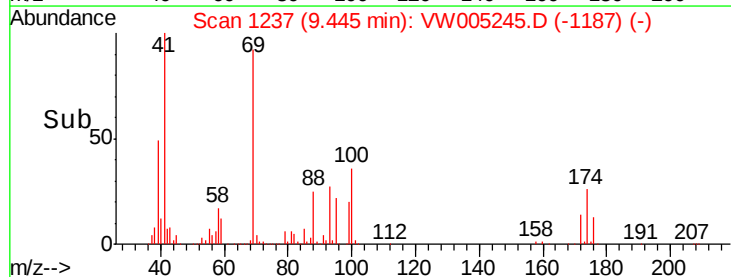
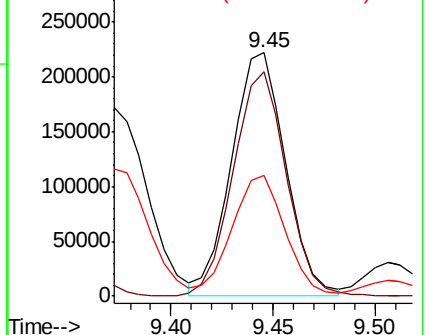
41 100

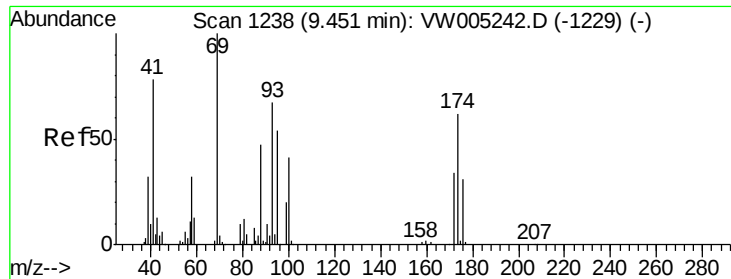
69 91.2 74.6 112.0

39 46.2 36.7 55.1



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: 2829.071 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

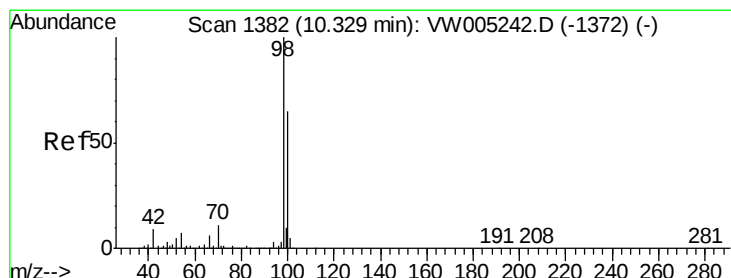
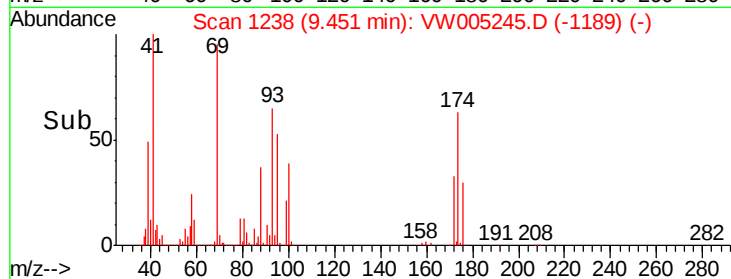
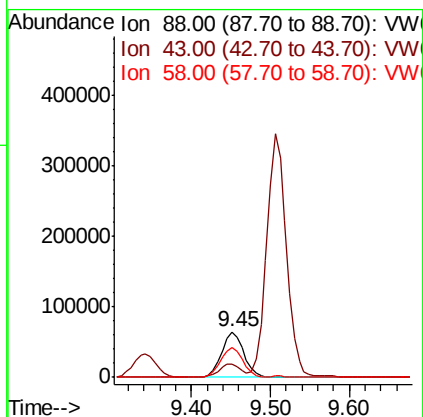
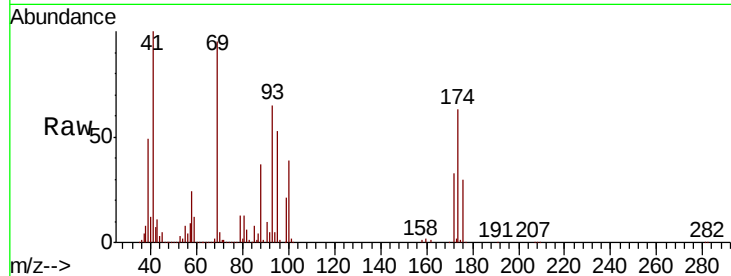
Tgt Ion: 88 Resp: 124168

Ion Ratio Lower Upper

88 100

43 28.1 22.7 34.1

58 66.8 56.6 85.0



#50

Toluene-d8

Concen: 149.686 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005245.D

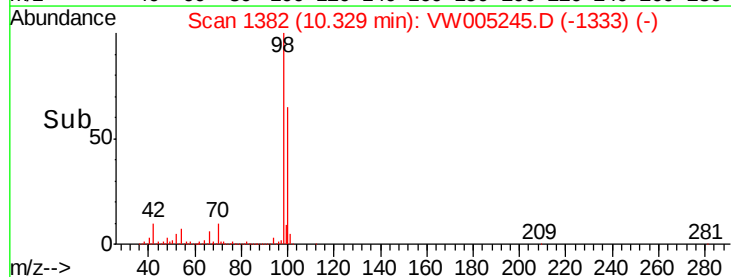
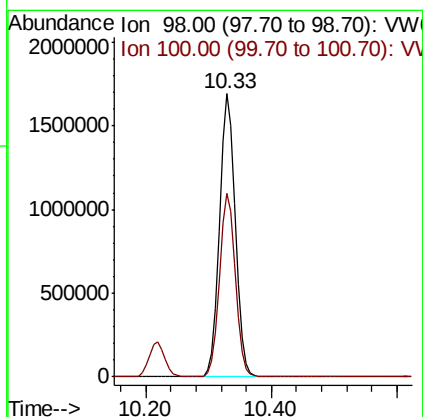
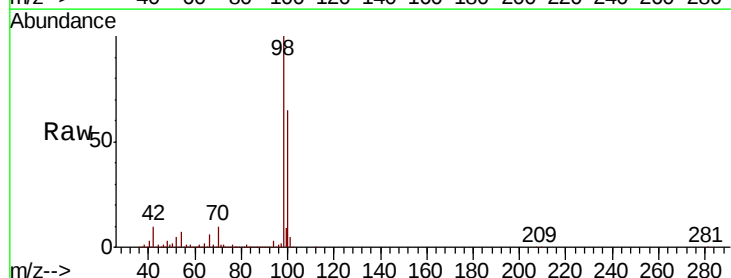
Acq: 10 Sep 2018 16:39

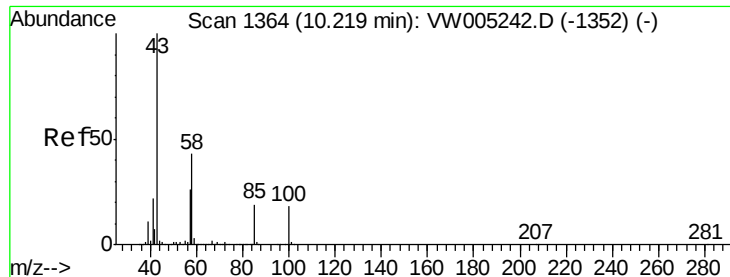
Tgt Ion: 98 Resp: 2933041

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

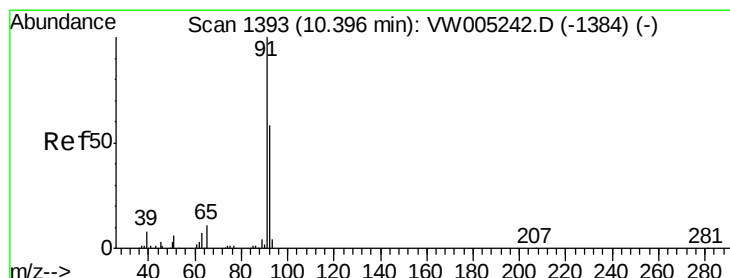
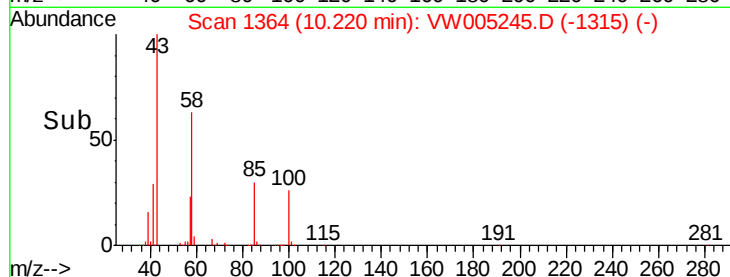
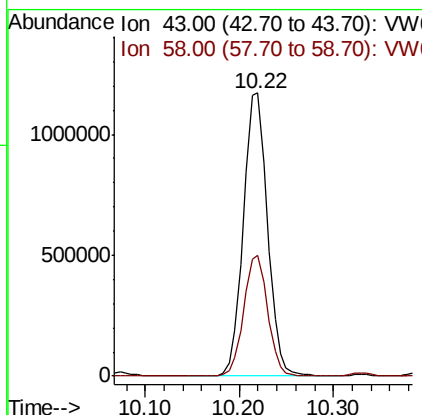
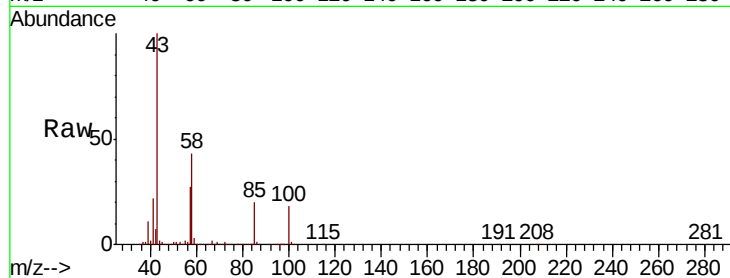




#51
 4-Methyl-2-Pentanone
 Concen: 774.962 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

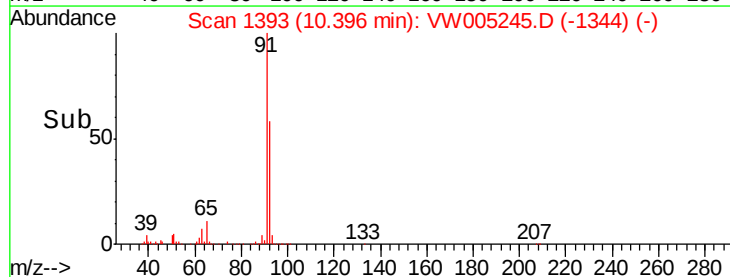
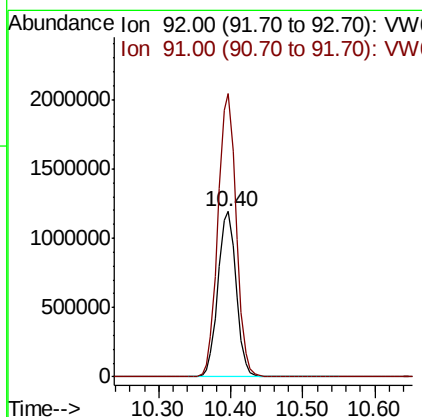
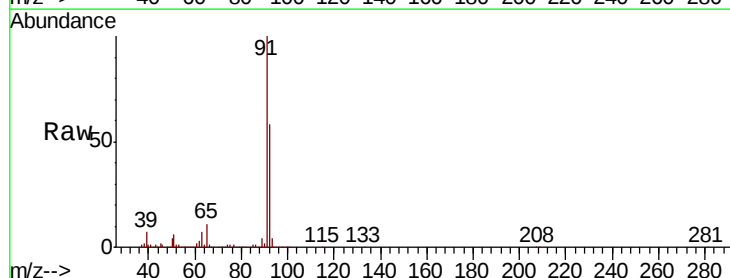
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

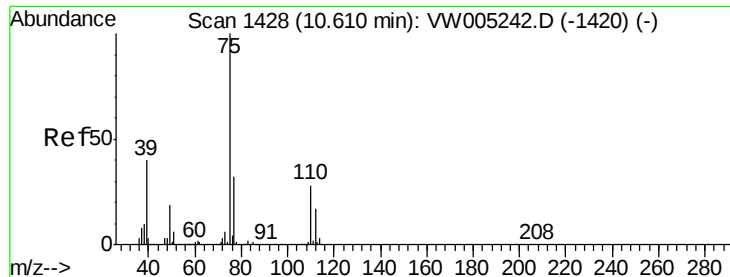
Tgt Ion: 43 Resp: 2089093
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.8 50.6



#52
 Toluene
 Concen: 144.422 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 92 Resp: 2097230
 Ion Ratio Lower Upper
 92 100
 91 171.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 153.205 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

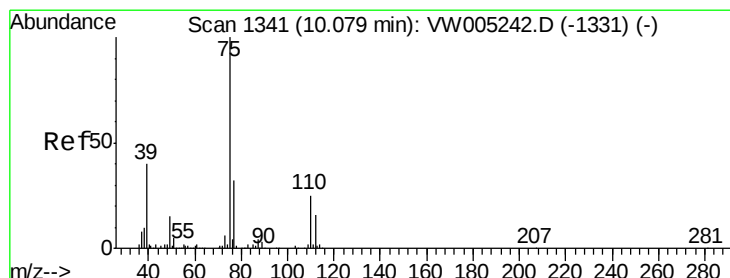
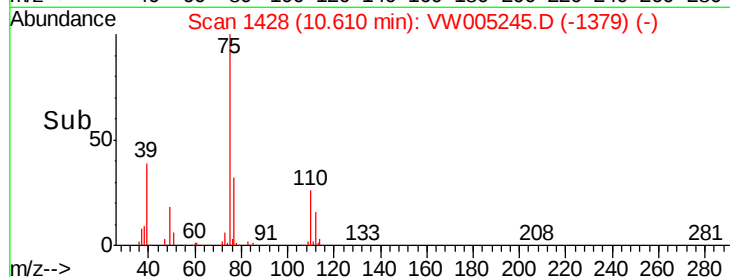
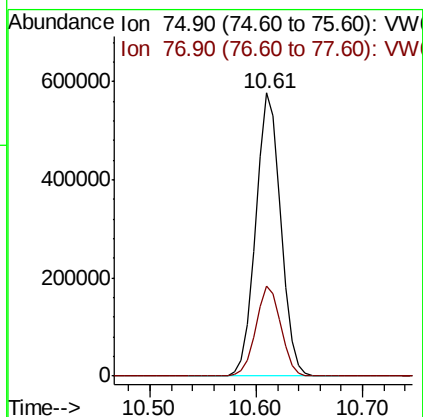
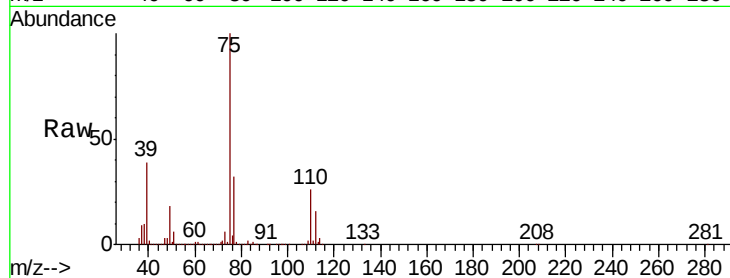
VSTDIC150

Tgt Ion: 75 Resp: 952129

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 150.490 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

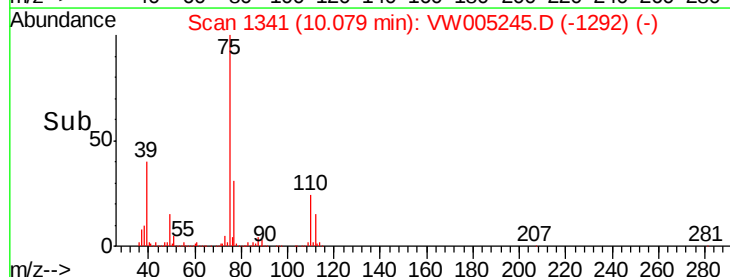
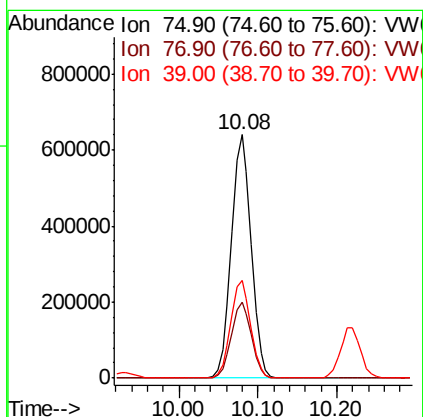
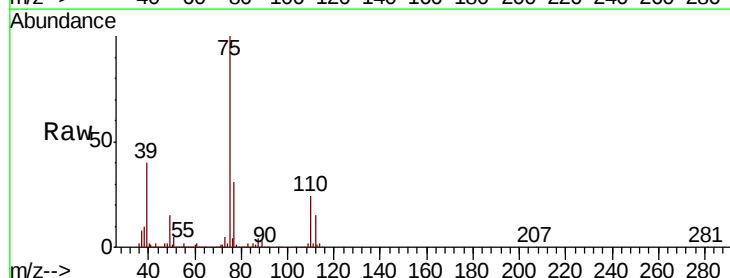
Tgt Ion: 75 Resp: 1119995

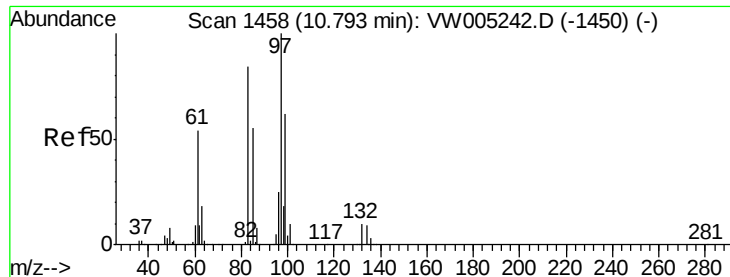
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 39.9 31.8 47.6

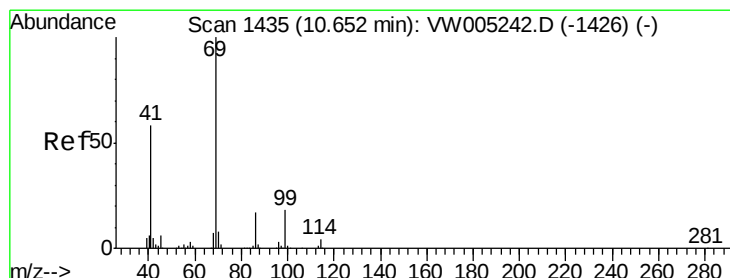
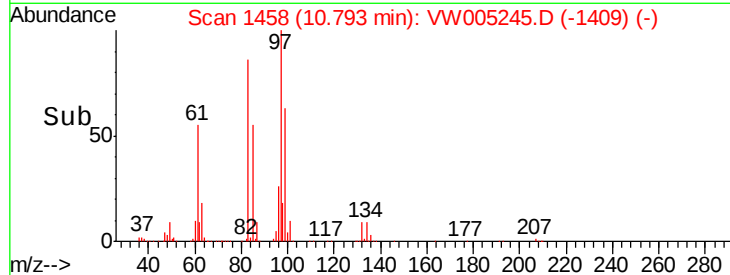
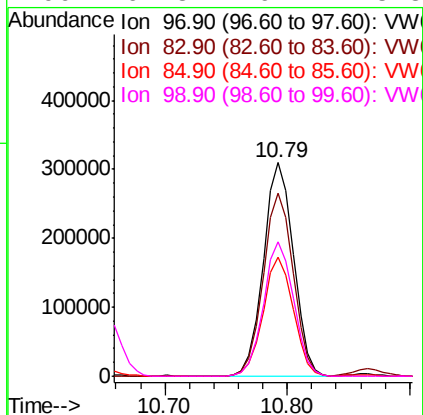
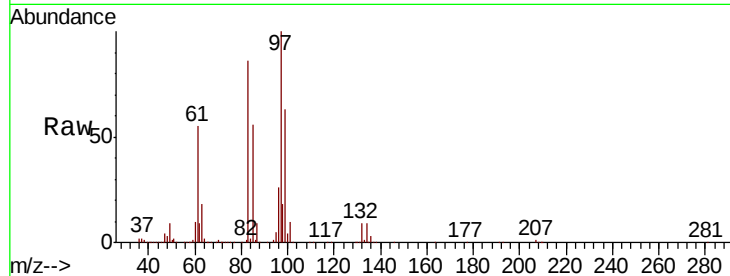




#55
 1,1,2-Trichloroethane
 Concen: 142.039 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

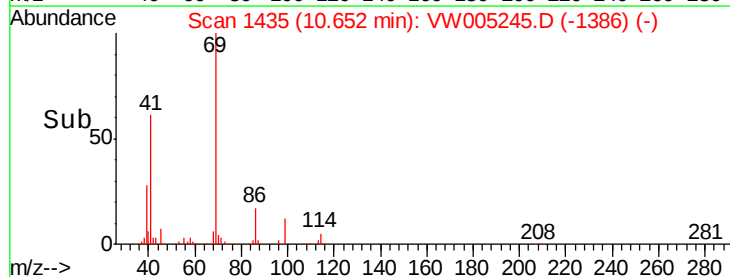
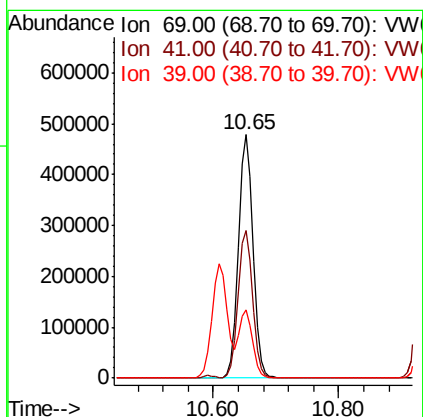
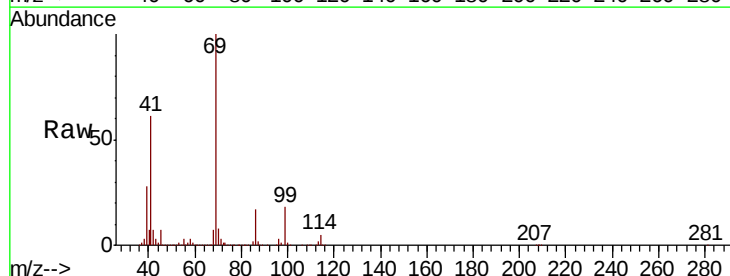
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

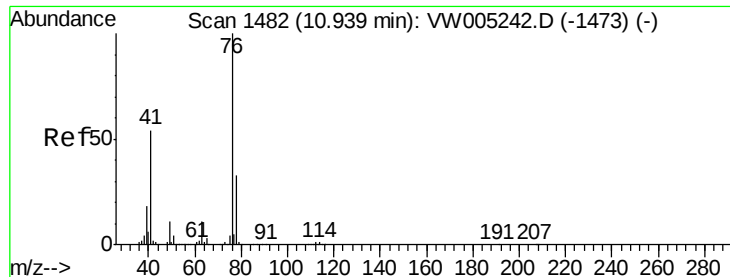
Tgt Ion:	97	Resp:	532394
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.2	100.8
85	55.5	44.4	66.6
99	62.8	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 161.369 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion:	69	Resp:	766800
Ion	Ratio	Lower	Upper
69	100		
41	60.6	48.7	73.1
39	25.9	20.9	31.3





#57

1,3-Dichloropropane

Concen: 144.635 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

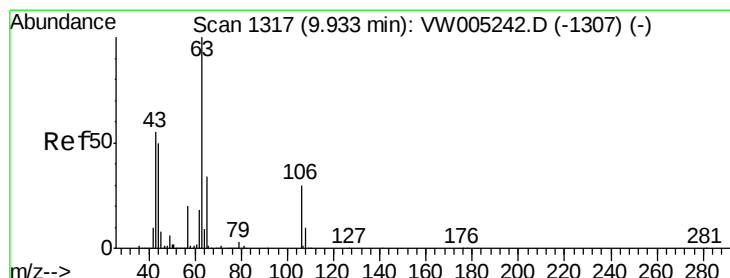
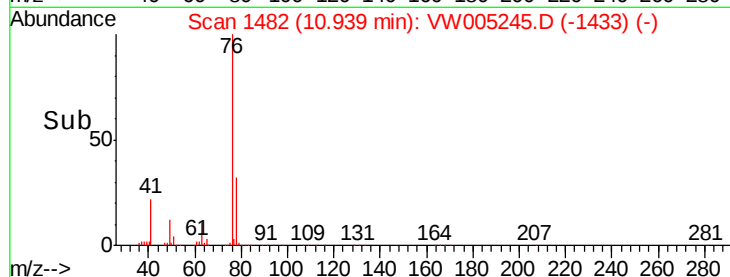
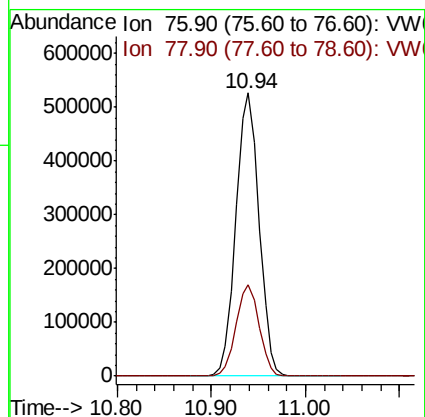
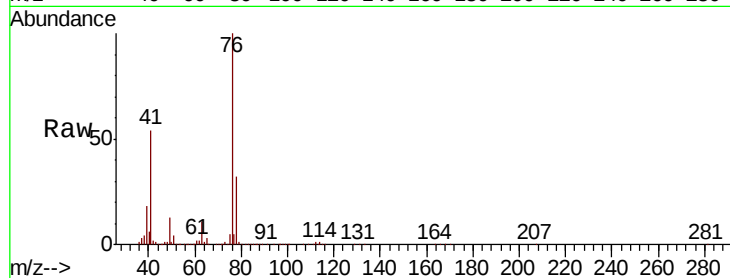
VSTDIC150

Tgt Ion: 76 Resp: 900206

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 800.379 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005245.D

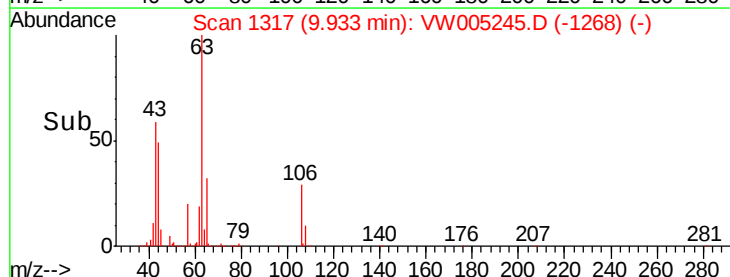
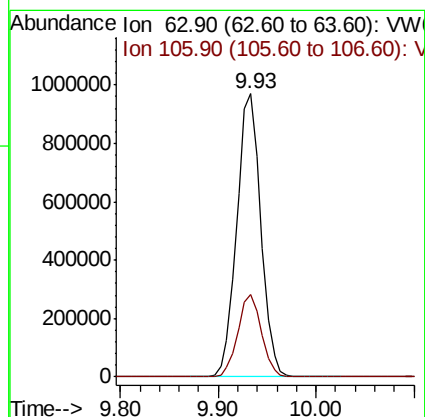
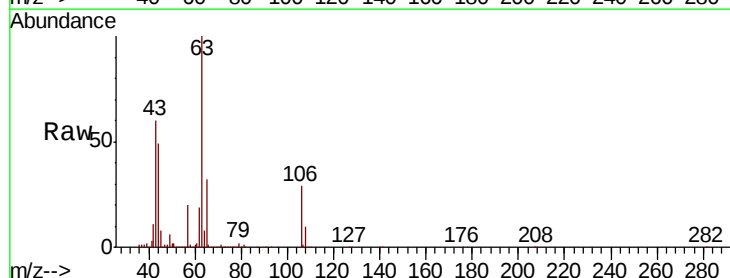
Acq: 10 Sep 2018 16:39

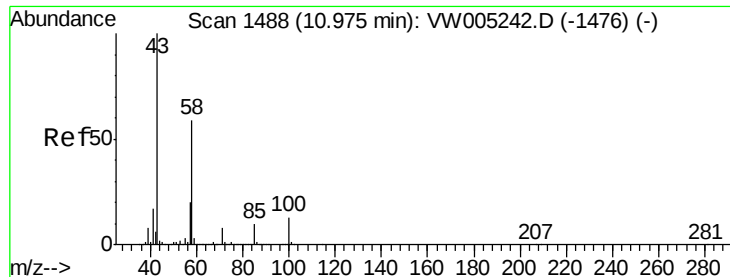
Tgt Ion: 63 Resp: 1653059

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.0

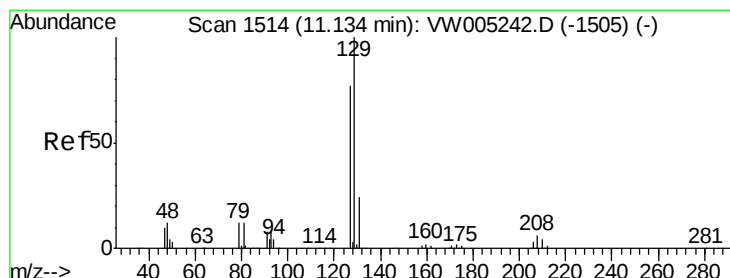
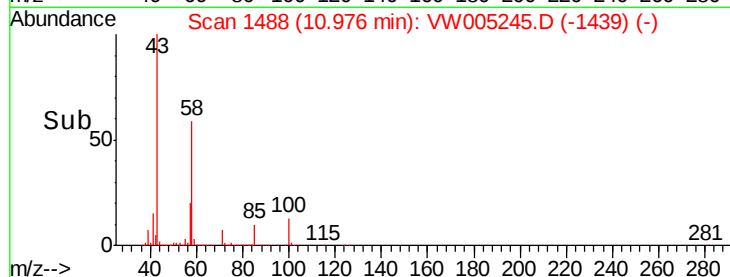
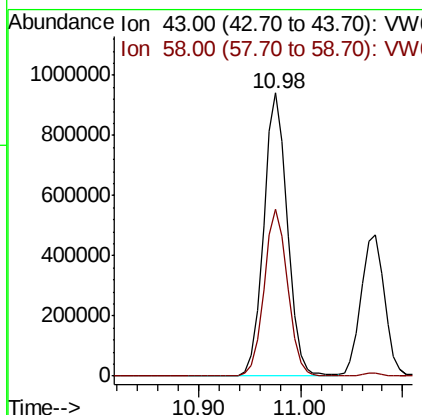
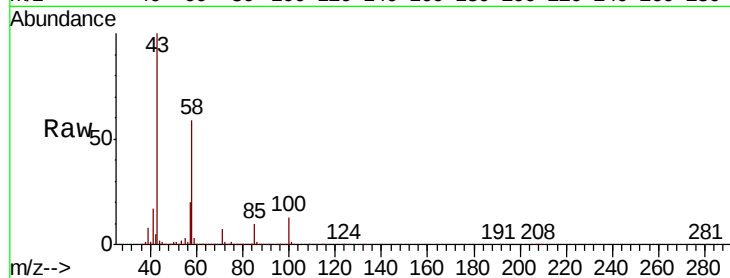




#59
2-Hexanone
Concen: 778.827 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

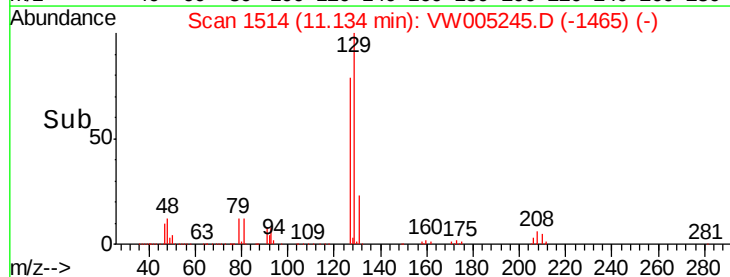
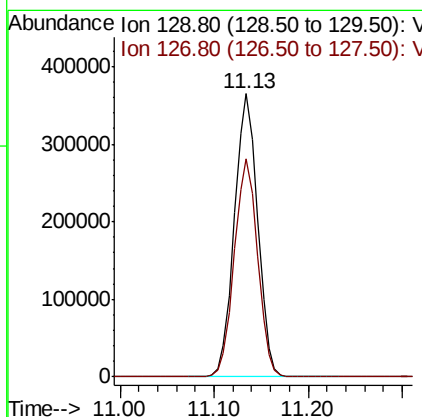
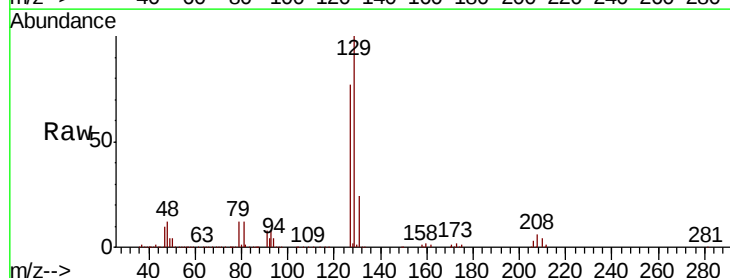
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

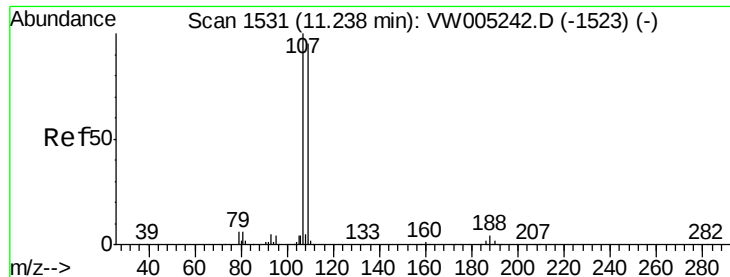
Tgt Ion: 43 Resp: 1513584
Ion Ratio Lower Upper
43 100
58 58.8 29.3 87.9



#60
Dibromochloromethane
Concen: 150.357 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 129 Resp: 625348
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

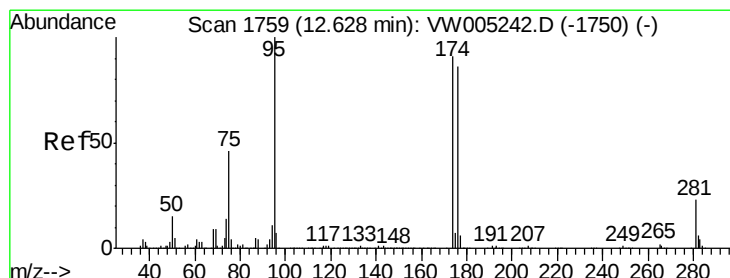
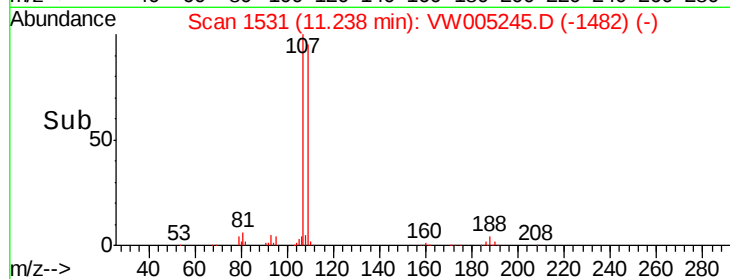
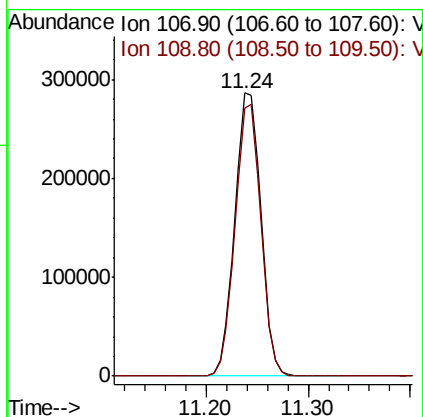
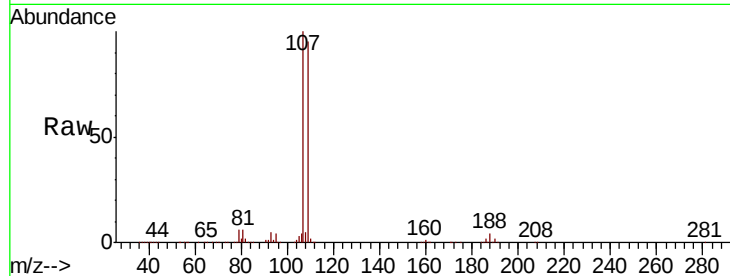




#61
 1,2-Dibromoethane
 Concen: 147.286 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

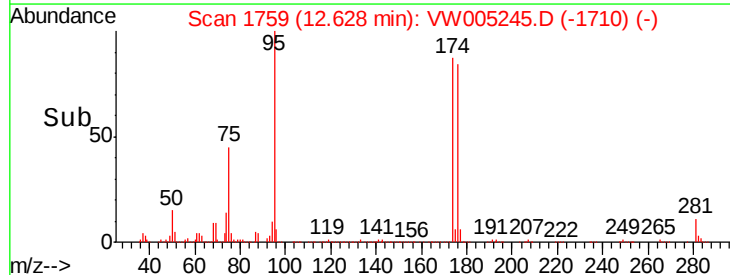
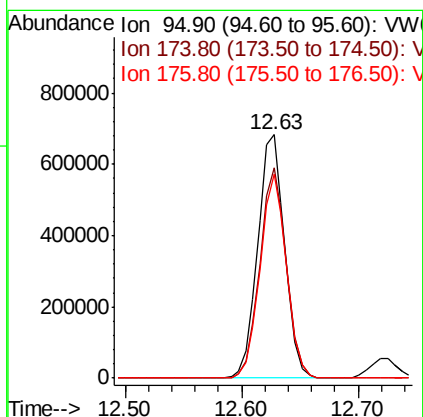
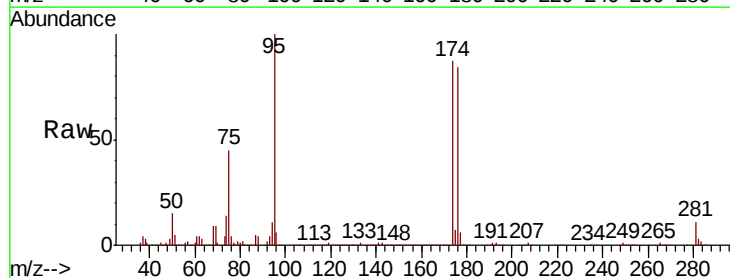
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

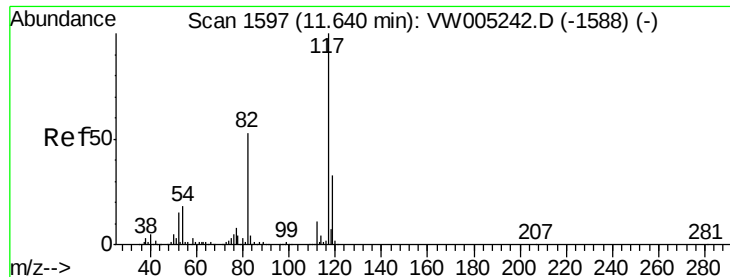
Tgt Ion: 107 Resp: 506256
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 152.861 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 95 Resp: 1095582
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 174.6
 176 82.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

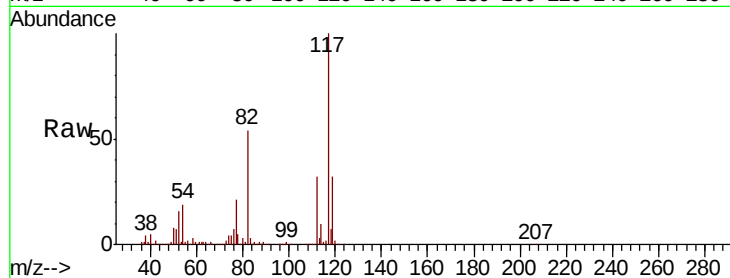
Tgt Ion:117 Resp: 732989

Ion Ratio Lower Upper

117 100

82 53.7 42.6 63.8

119 32.1 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

500000

400000

300000

200000

100000

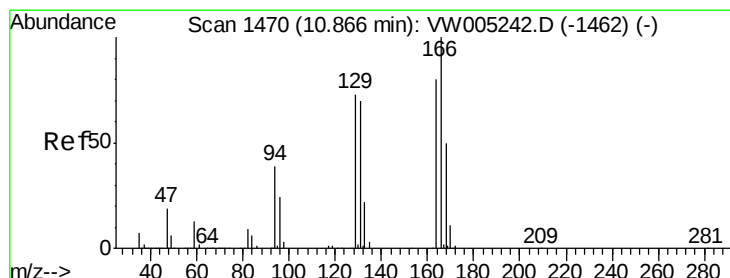
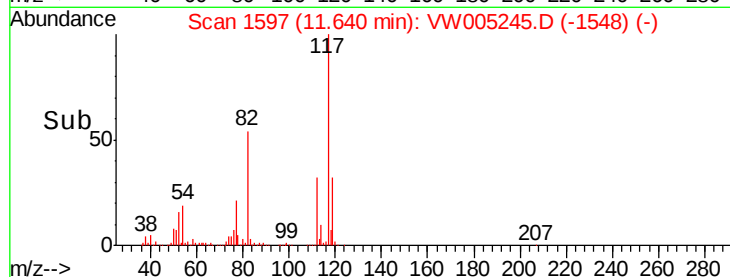
0

11.64

11.60

11.70

Time-->



#64

Tetrachloroethene

Concen: 142.984 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Tgt Ion:164 Resp: 777567

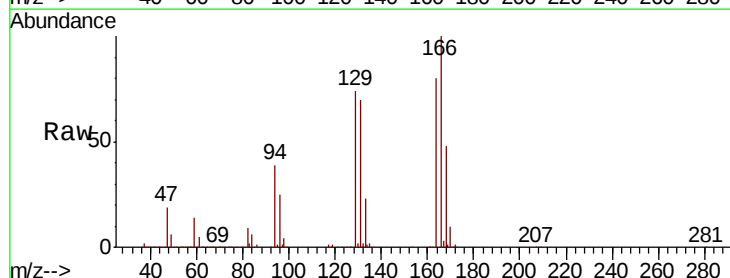
Ion Ratio Lower Upper

164 100

166 125.3 100.2 150.2

129 92.1 73.2 109.8

131 87.3 70.2 105.4



Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

800000

600000

400000

200000

0

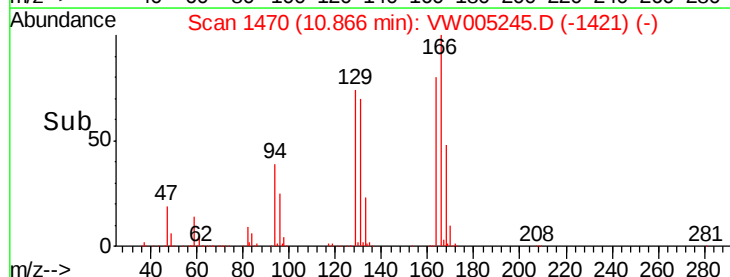
10.87

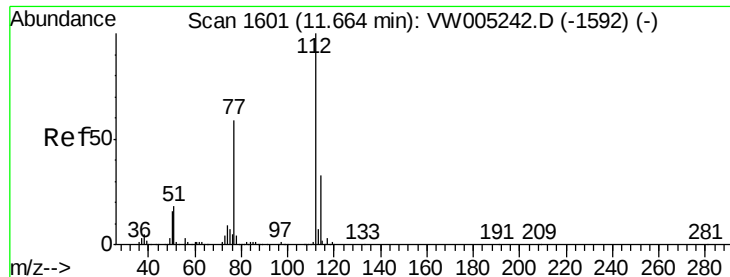
10.80

10.90

11.00

Time-->





#65

Chlorobenzene

Concen: 144.508 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

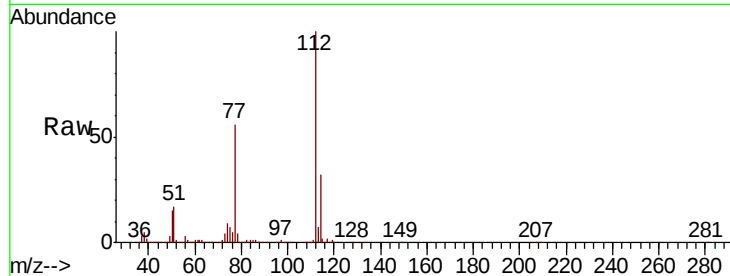
VSTDIC150

Tgt Ion:112 Resp: 2320368

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

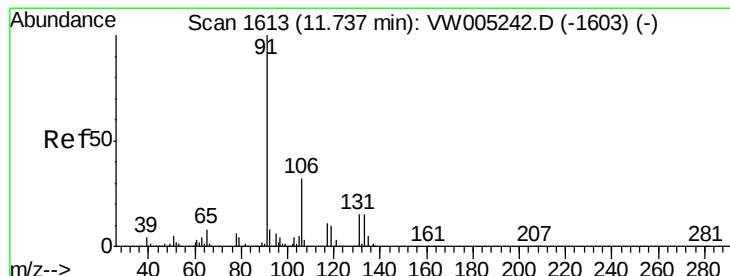
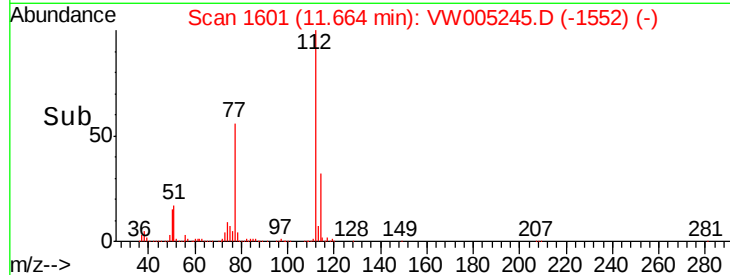
1500000

1000000

500000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 149.411 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

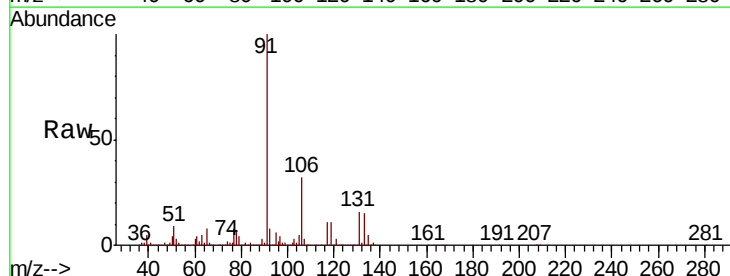
Tgt Ion:131 Resp: 716321

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.3

119 67.0 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

500000

400000

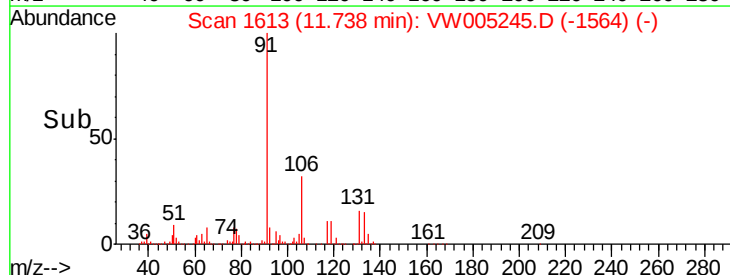
300000

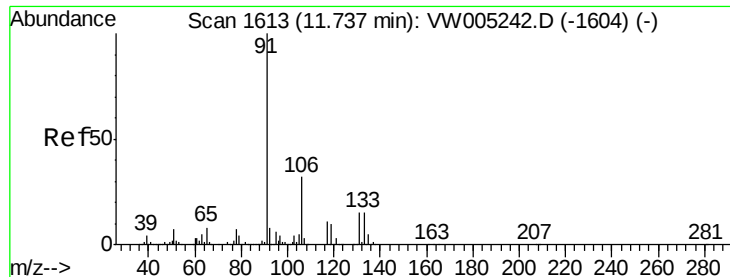
200000

100000

0

Time-->

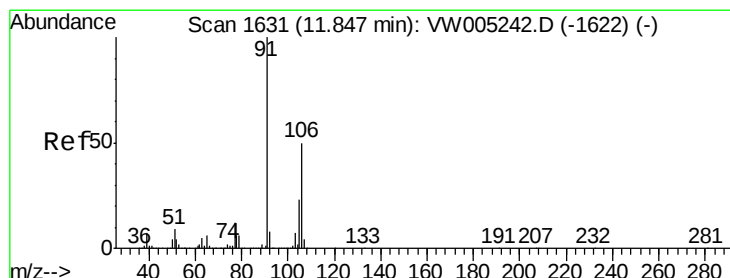
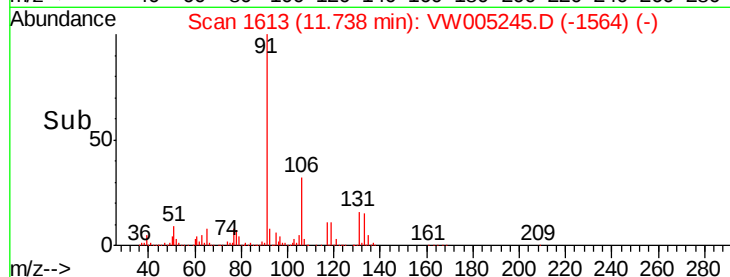
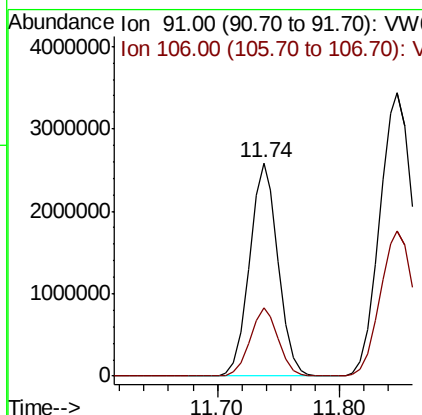
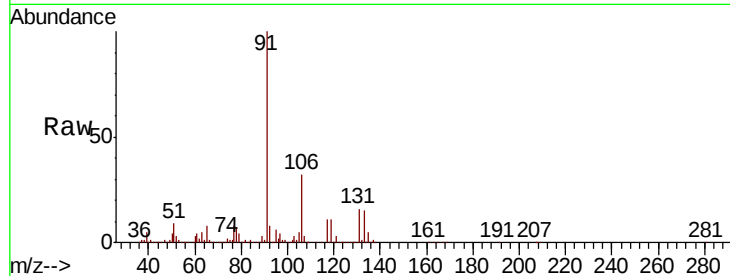




#67
Ethyl Benzene
Concen: 149.210 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

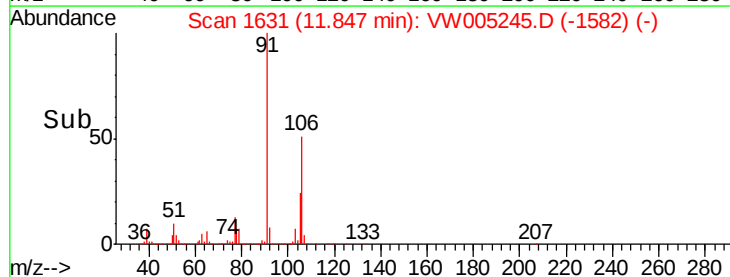
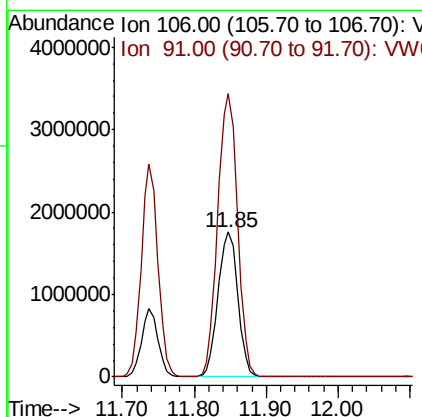
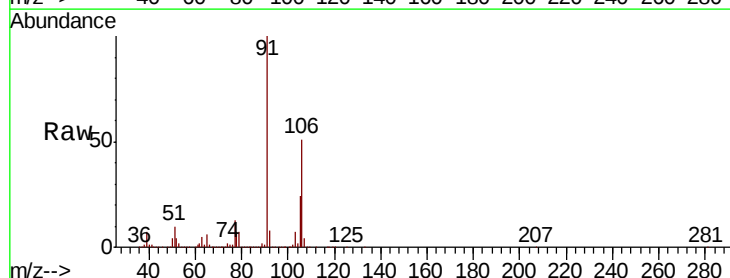
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

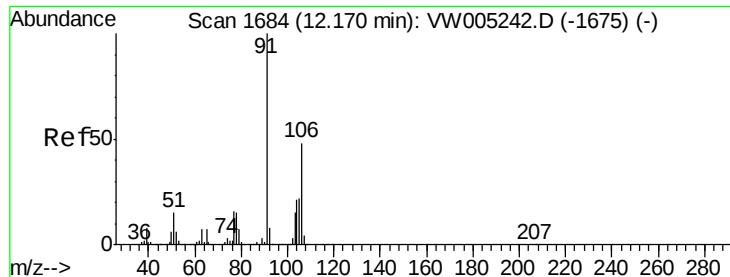
Tgt Ion: 91 Resp: 4172401
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 297.856 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 106 Resp: 3356377
Ion Ratio Lower Upper
106 100
91 195.8 160.2 240.2

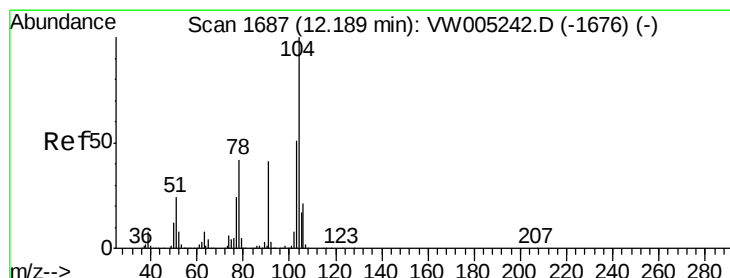
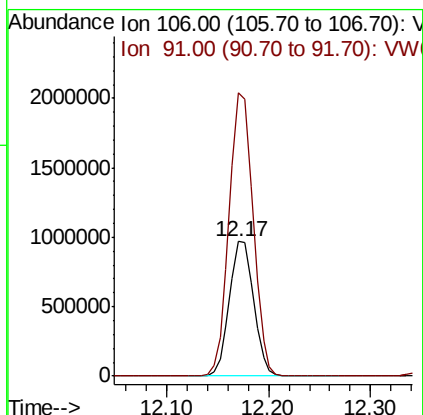
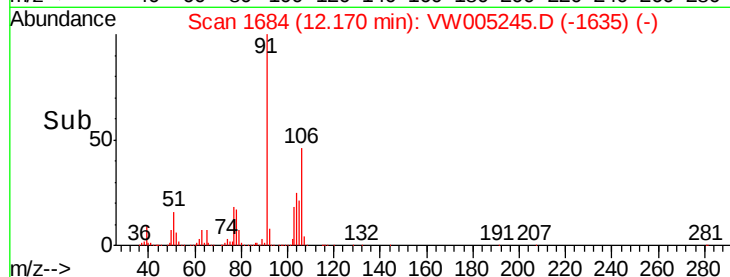
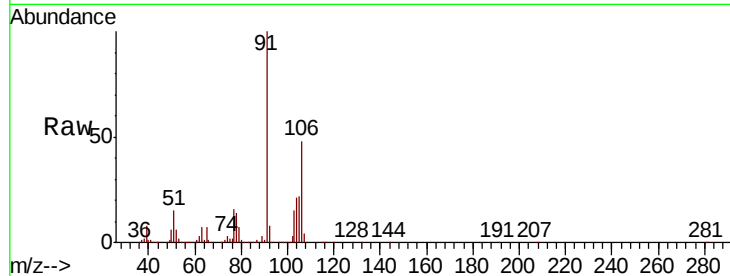




#69
o-Xylene
Concen: 152.220 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

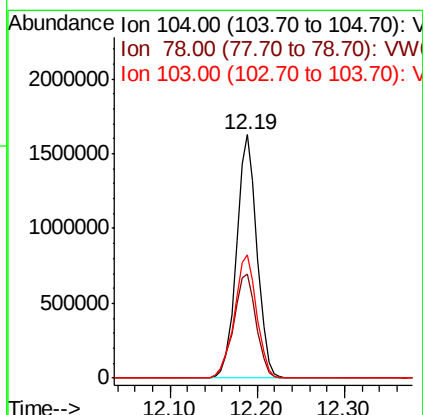
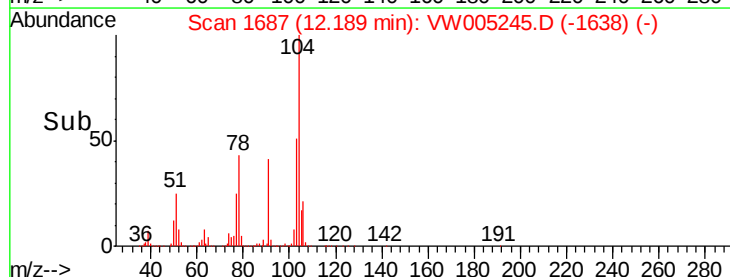
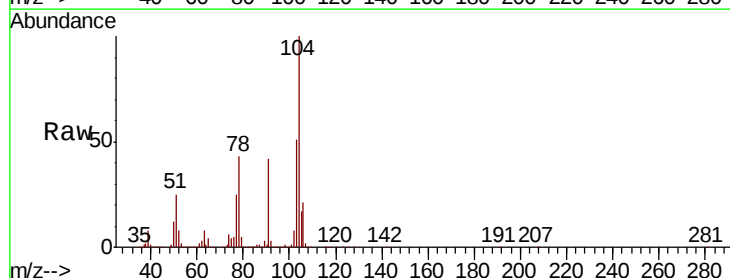
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

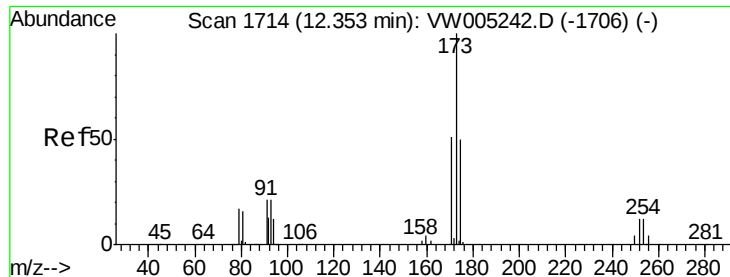
Tgt Ion:106 Resp: 1595854
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3



#70
Styrene
Concen: 154.128 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion:104 Resp: 2636653
Ion Ratio Lower Upper
104 100
78 47.6 37.4 56.2
103 55.4 44.1 66.1





#71

Bromoform

Concen: 156.056 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

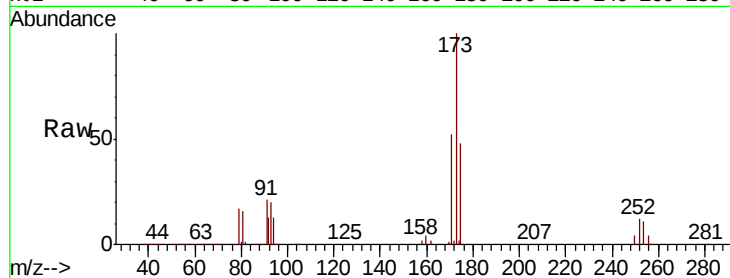
Tgt Ion:173 Resp: 405666

Ion Ratio Lower Upper

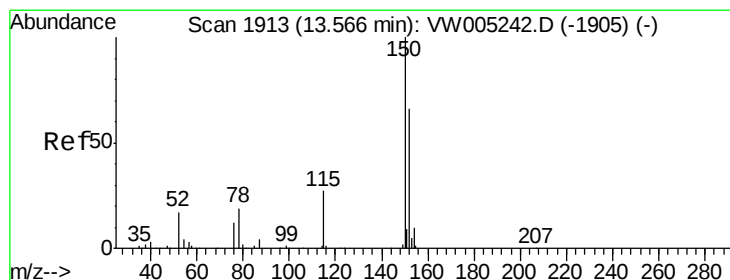
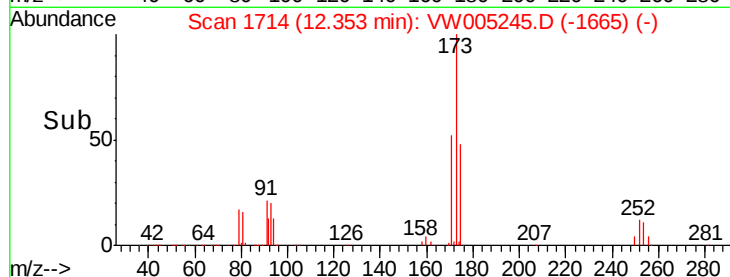
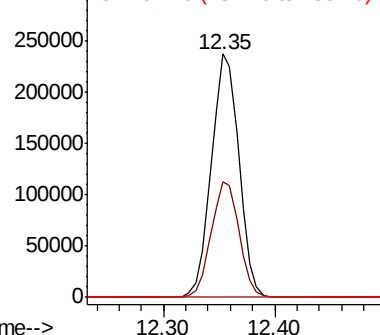
173 100

175 48.0 24.9 74.6

254 0.0 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: VW005245.D

Acq: 10 Sep 2018 16:39

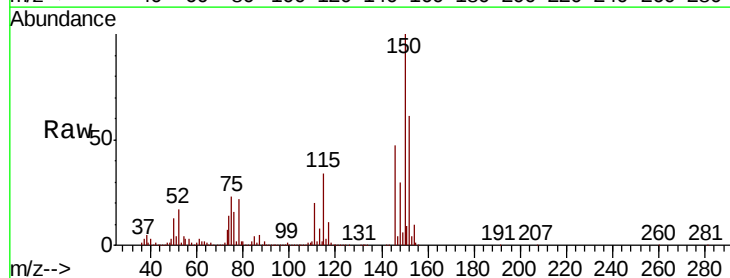
Tgt Ion:152 Resp: 402829

Ion Ratio Lower Upper

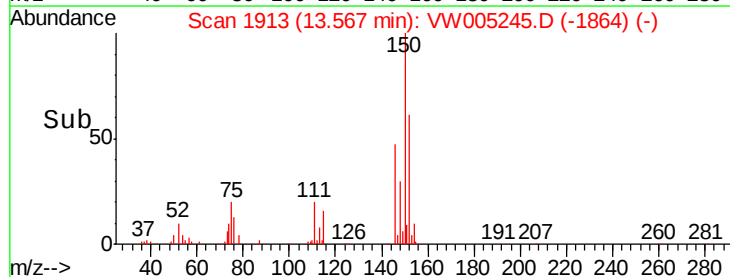
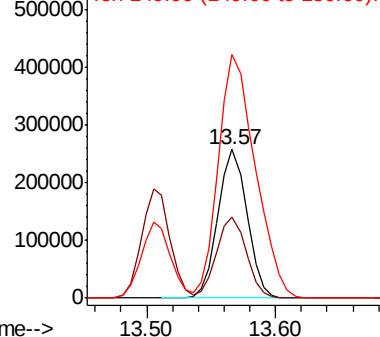
152 100

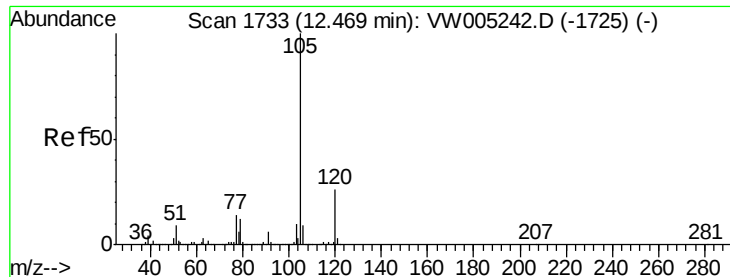
115 55.8 27.5 82.4

150 207.7 0.0 347.4



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: 149.648 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

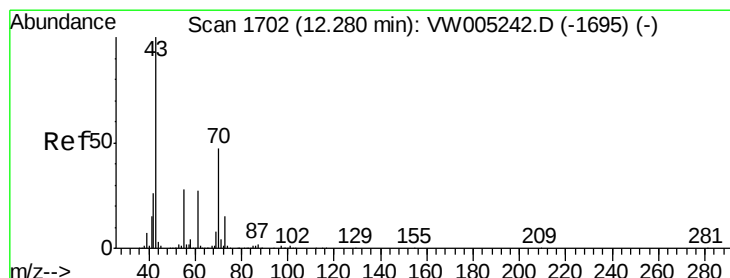
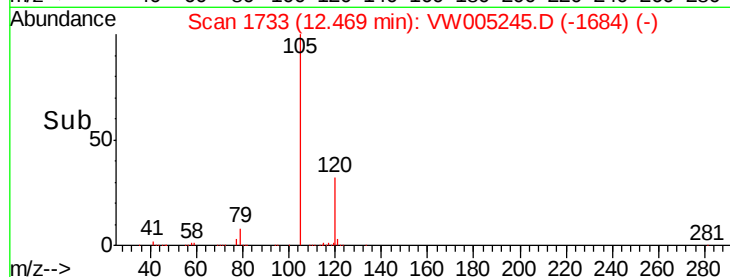
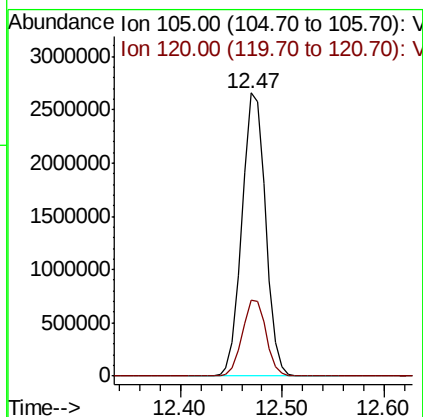
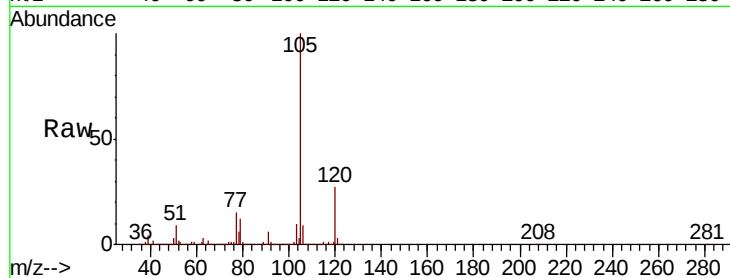
VSTDIC150

Tgt Ion:105 Resp: 4259232

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 162.067 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Tgt Ion: 43 Resp: 877630

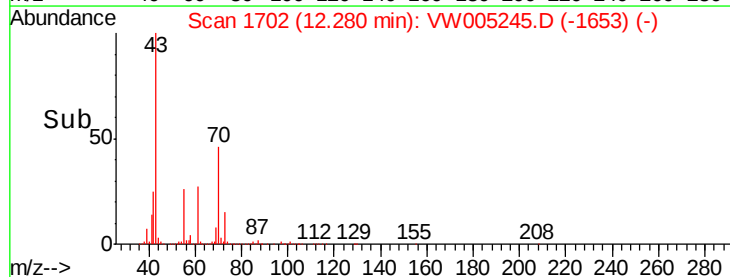
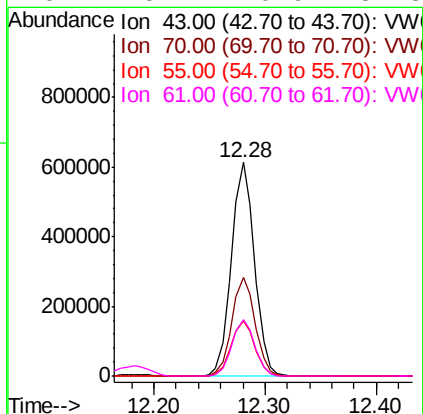
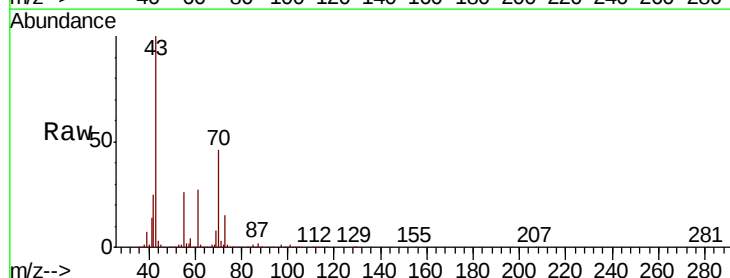
Ion Ratio Lower Upper

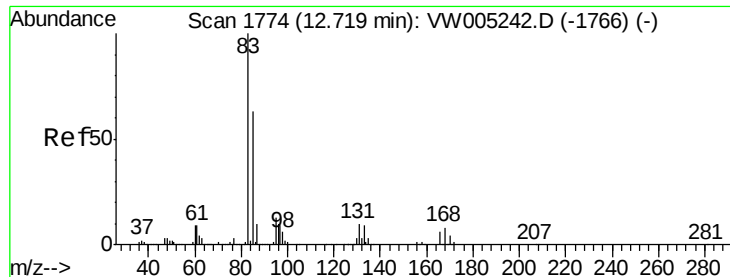
43 100

70 46.5 37.9 56.9

55 26.2 22.6 33.8

61 26.4 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 149.979 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

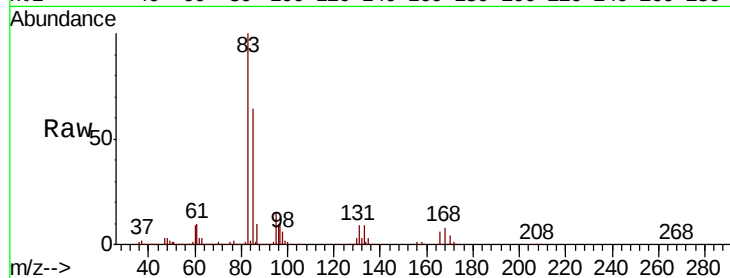
Tgt Ion: 83 Resp: 641525

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

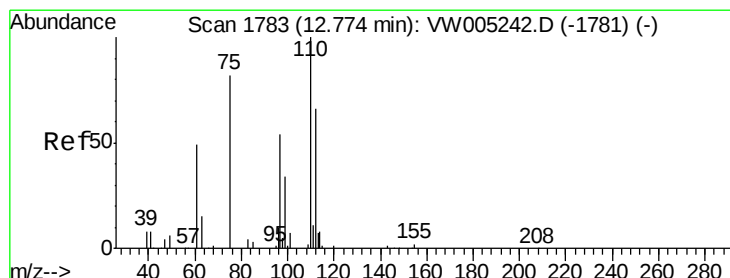
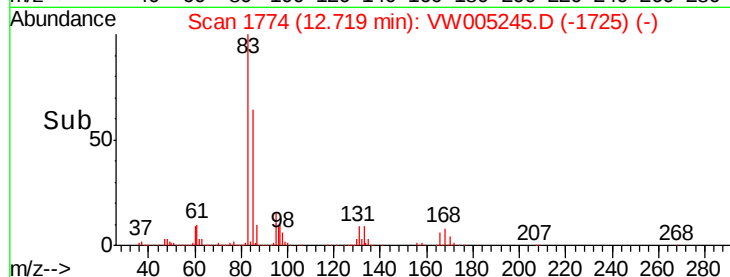
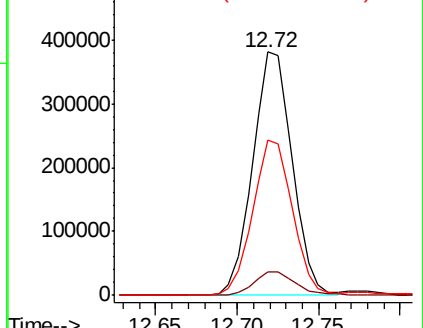
85 63.9 31.6 95.0



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: 164.279 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005245.D

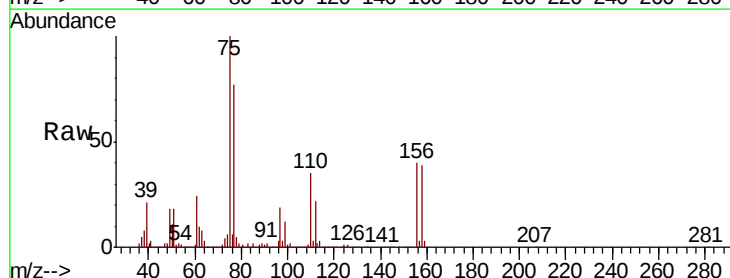
Acq: 10 Sep 2018 16:39

Tgt Ion: 75 Resp: 859535

Ion Ratio Lower Upper

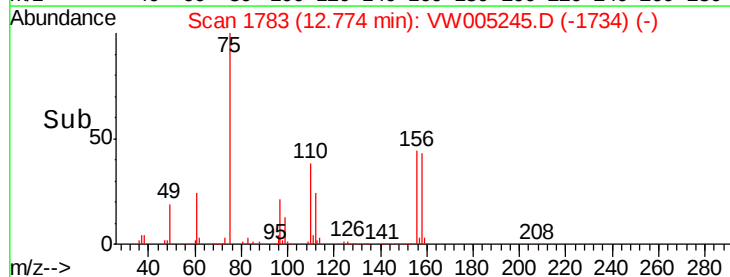
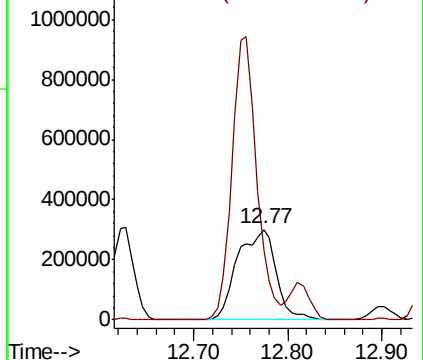
75 100

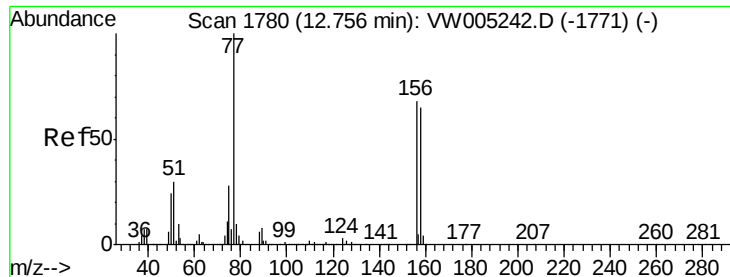
77 200.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 146.318 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

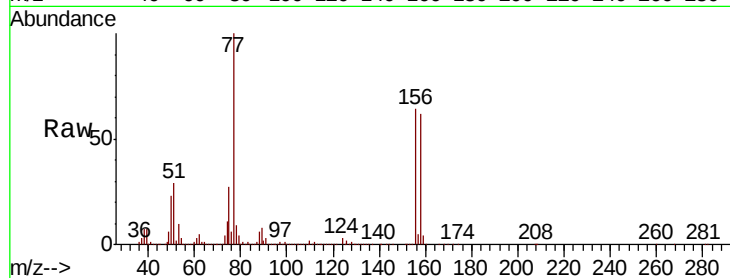
Tgt Ion:156 Resp: 981102

Ion Ratio Lower Upper

156 100

77 175.9 86.3 258.8

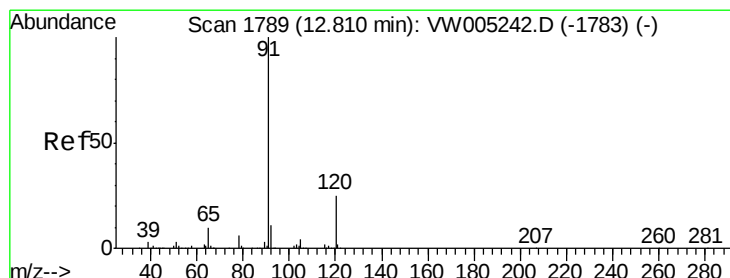
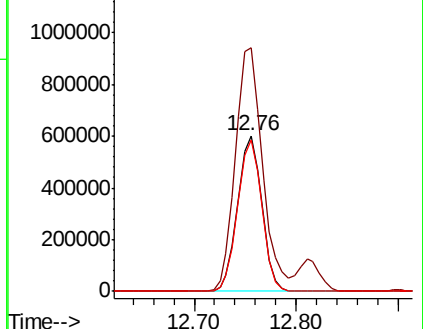
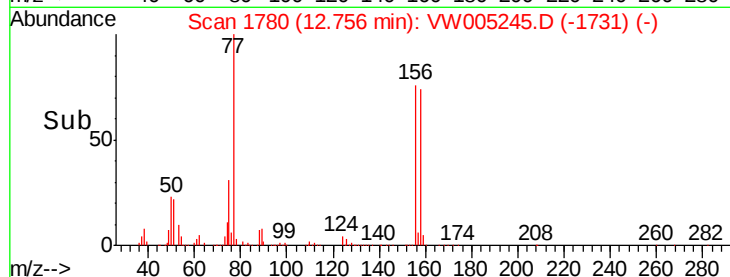
158 97.4 48.6 145.8



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: 151.570 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005245.D

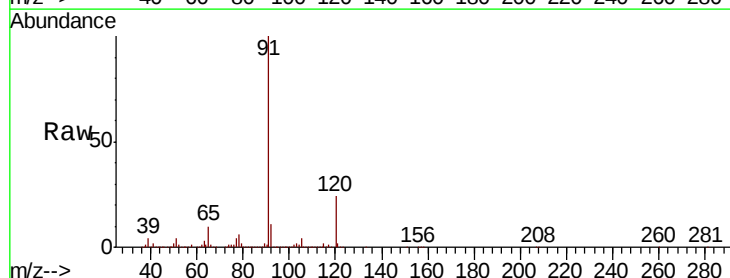
Acq: 10 Sep 2018 16:39

Tgt Ion: 91 Resp: 5181137

Ion Ratio Lower Upper

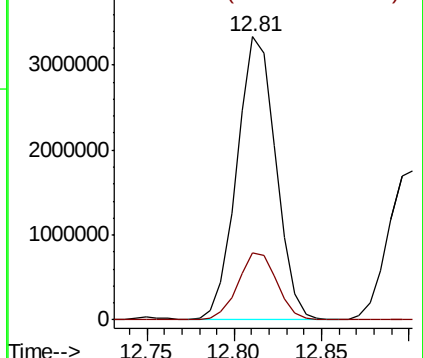
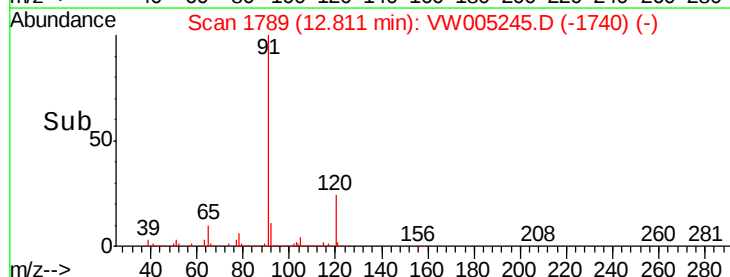
91 100

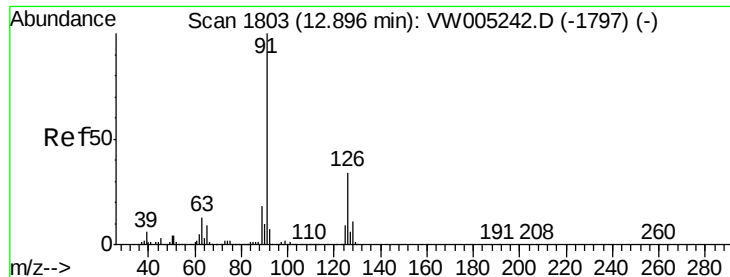
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 148.162 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

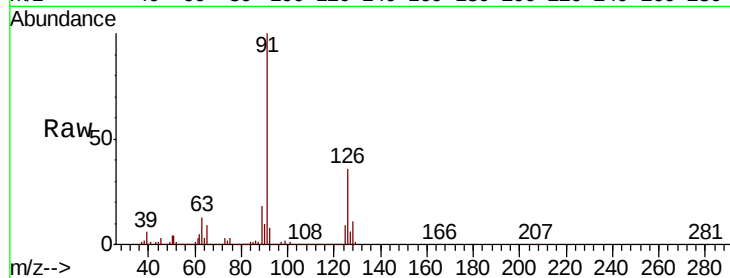
VSTDIC150

Tgt Ion: 91 Resp: 2904353

Ion Ratio Lower Upper

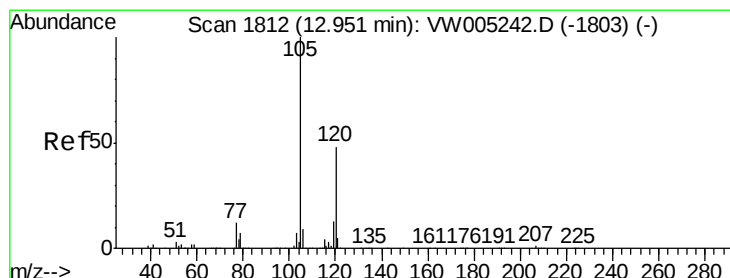
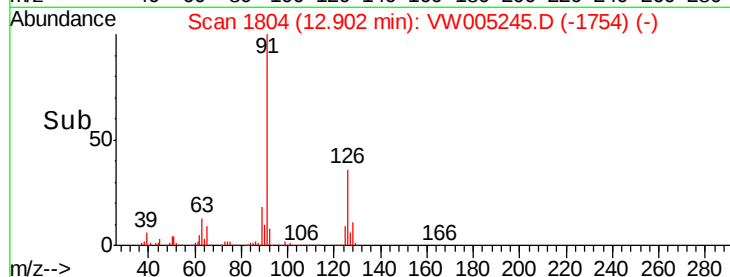
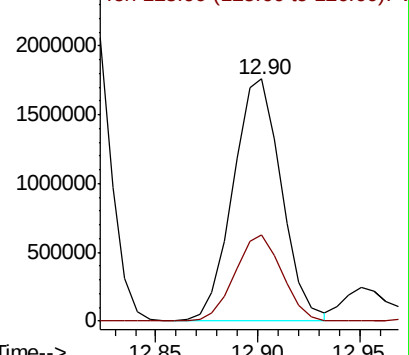
91 100

126 34.8 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 153.976 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005245.D

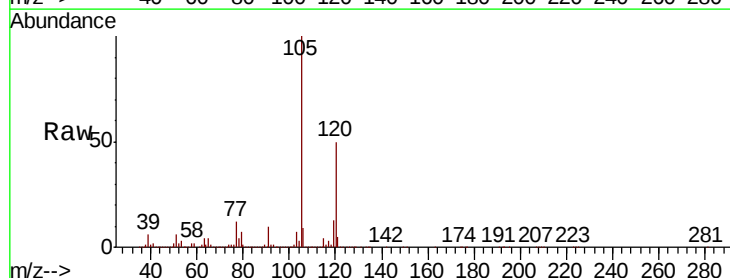
Acq: 10 Sep 2018 16:39

Tgt Ion: 105 Resp: 3731753

Ion Ratio Lower Upper

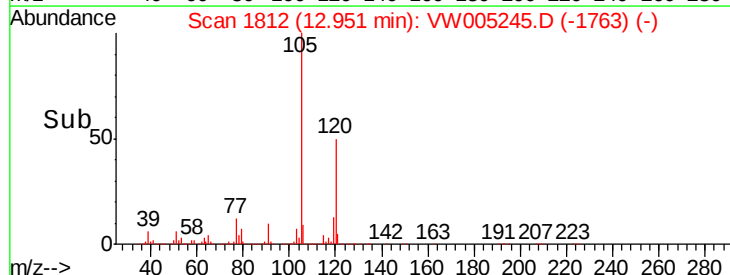
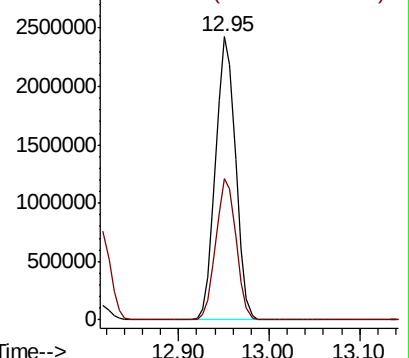
105 100

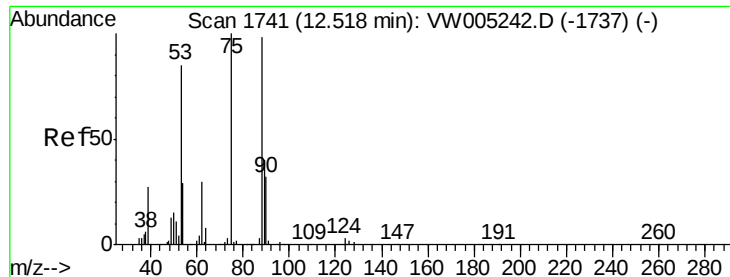
120 50.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

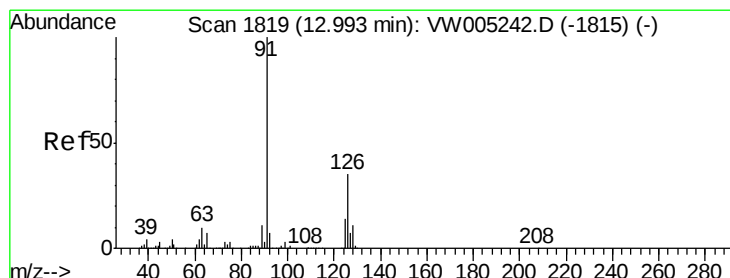
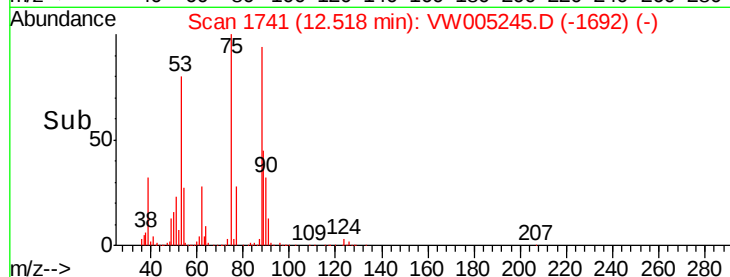
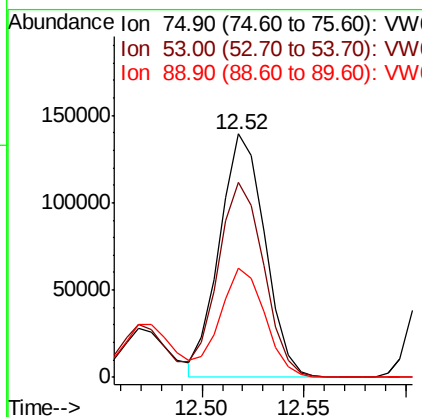
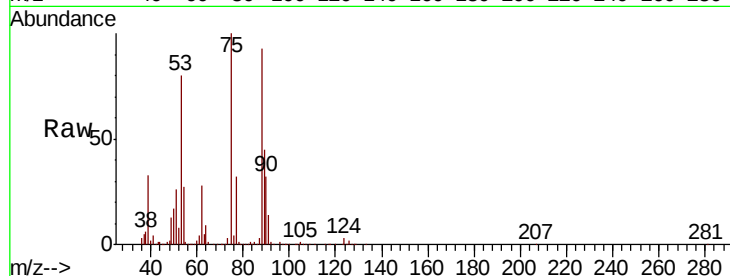




#81
trans-1,4-Dichloro-2-butene
Concen: 161.447 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

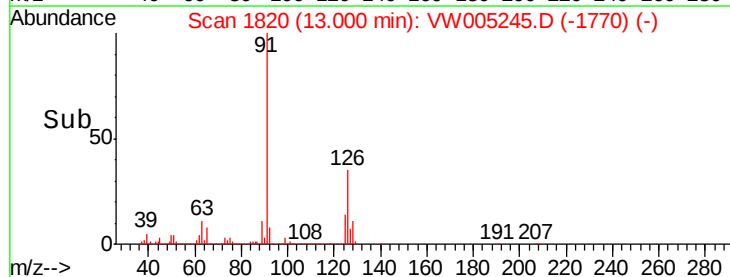
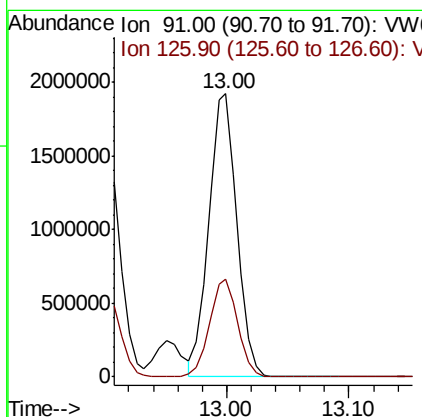
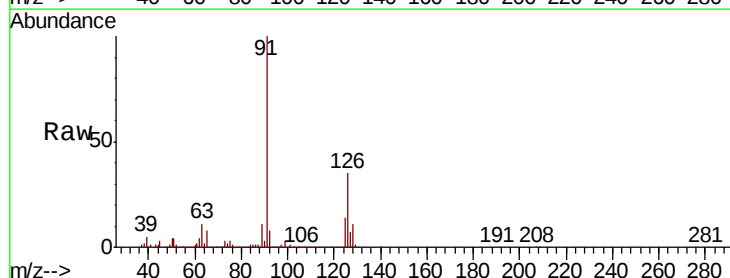
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

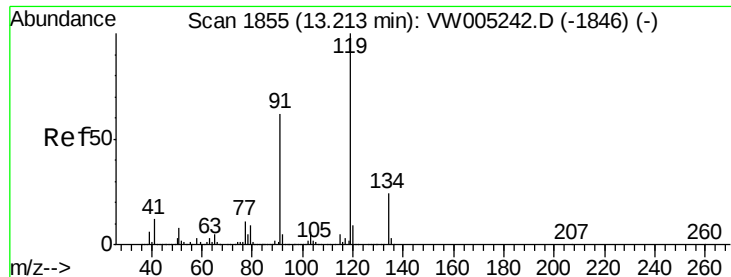
Tgt Ion: 75 Resp: 213294
Ion Ratio Lower Upper
75 100
53 80.9 67.0 100.6
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 148.556 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion: 91 Resp: 3060877
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5

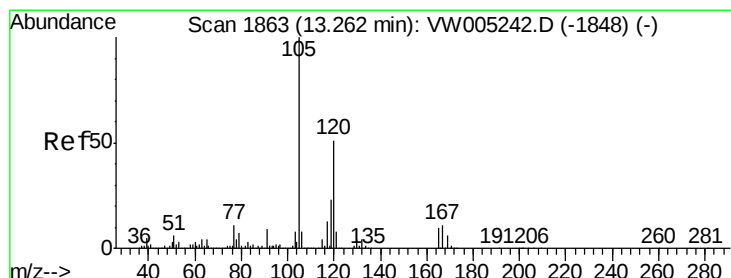
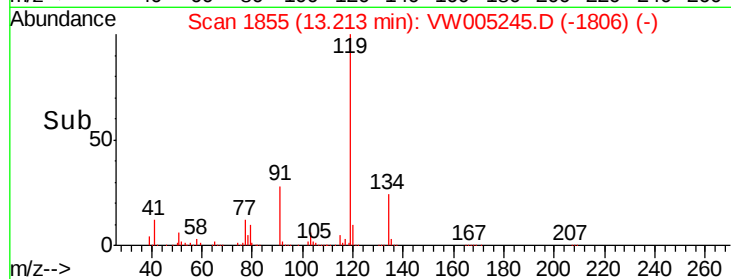
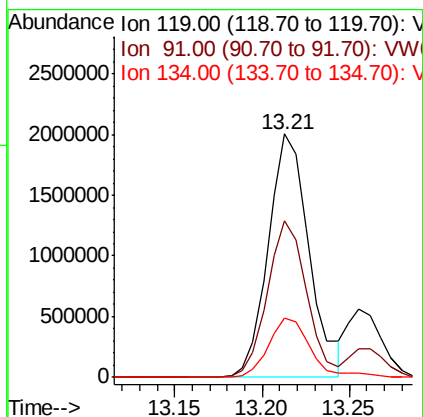
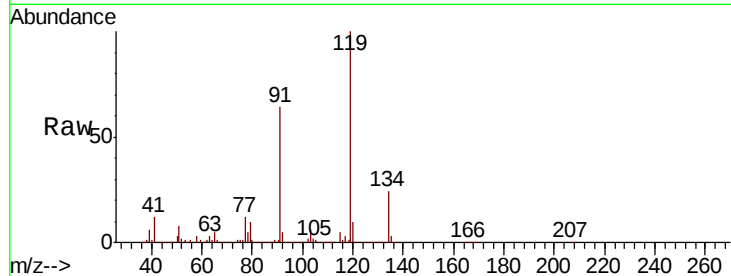




#83
 tert-Butylbenzene
 Concen: 154.641 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

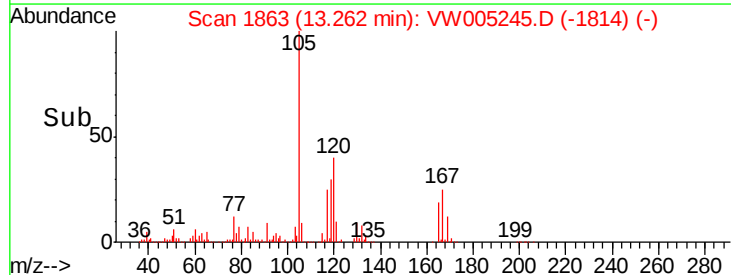
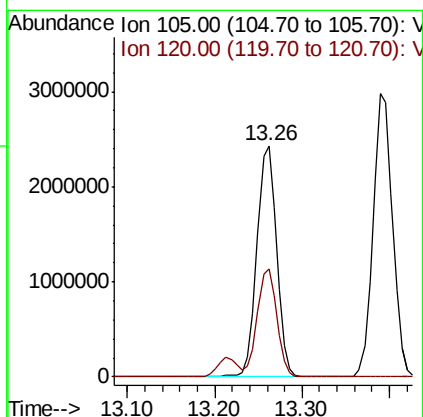
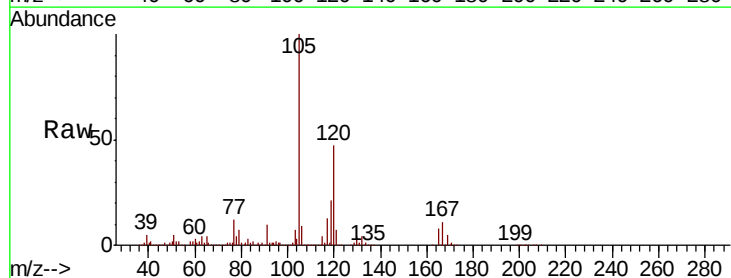
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

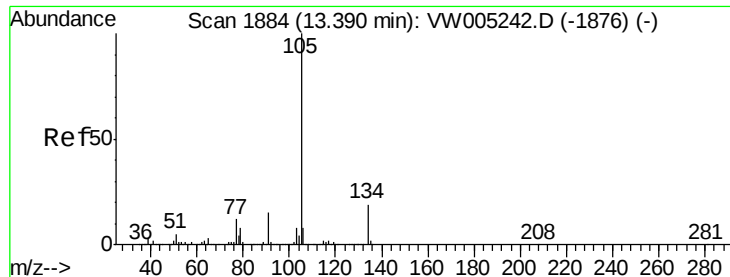
Tgt Ion:119 Resp: 3277882
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.7 95.1
 134 25.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 155.890 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion:105 Resp: 3796623
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.3





#85

sec-Butylbenzene

Concen: 151.390 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

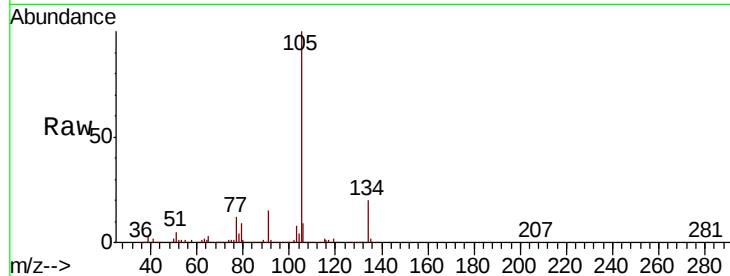
VSTDIC150

Tgt Ion:105 Resp: 4611780

Ion Ratio Lower Upper

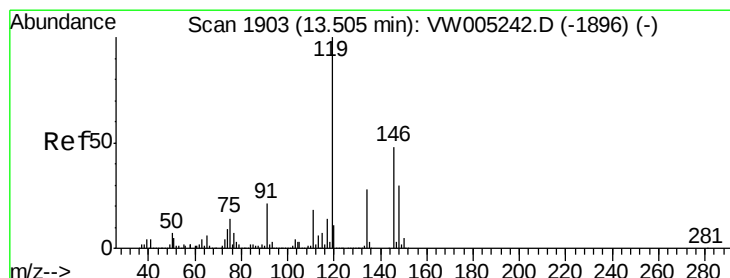
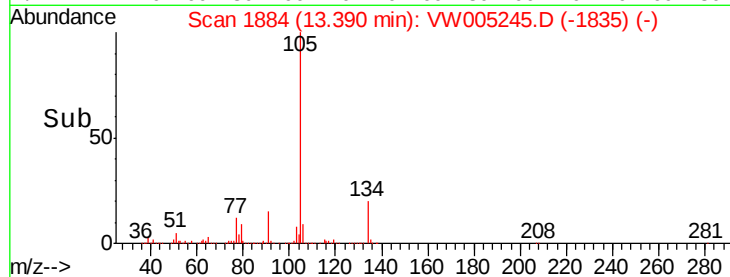
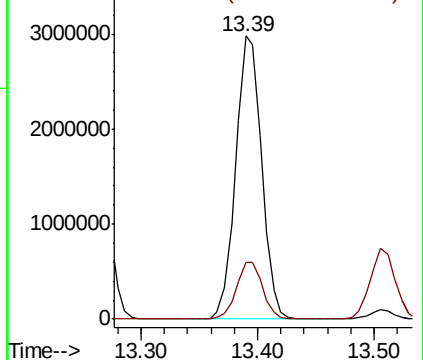
105 100

134 20.3 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 154.526 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

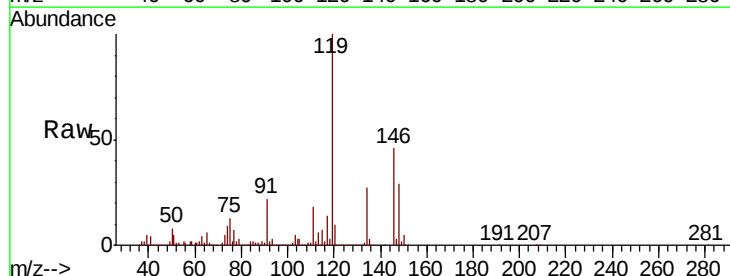
Tgt Ion:119 Resp: 4167151

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

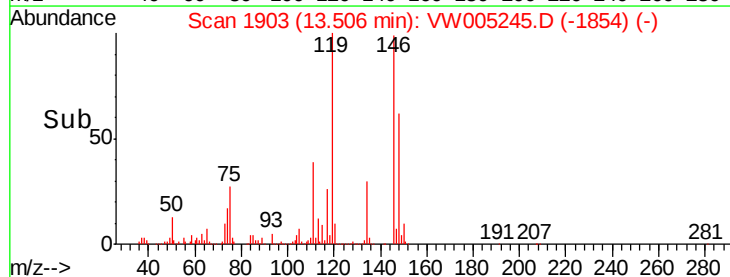
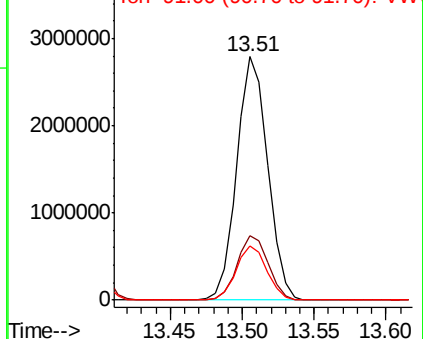
91 22.1 10.7 32.1

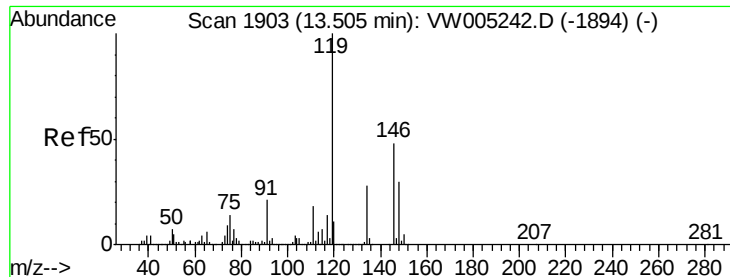


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 145.308 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

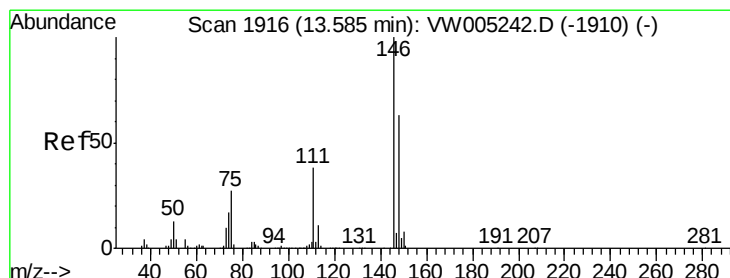
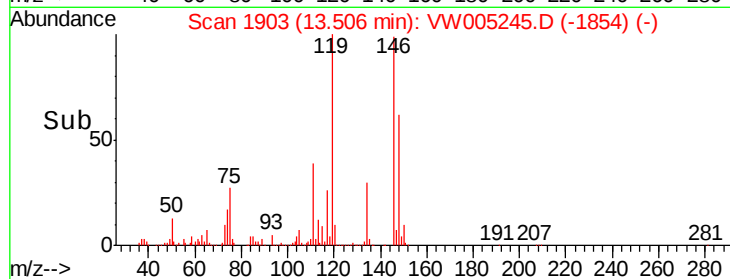
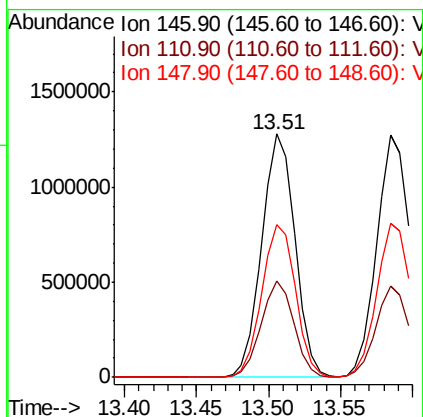
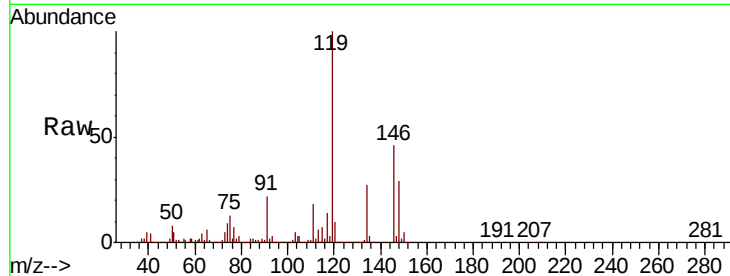
Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 2045878

Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.3
148	63.6	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 145.754 ug/l

RT: 13.58 min Scan# 1916

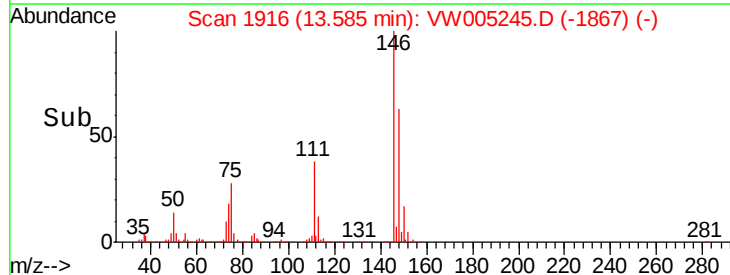
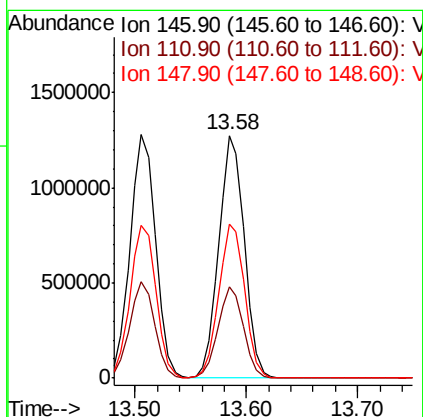
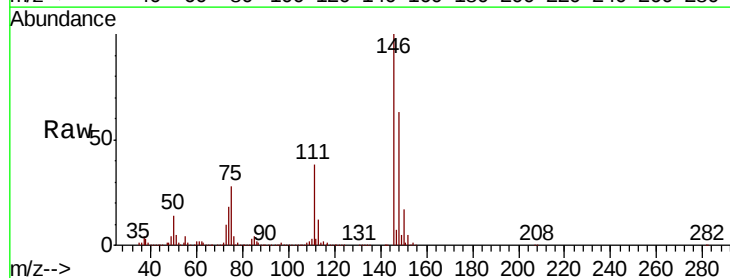
Delta R.T. 0.00 min

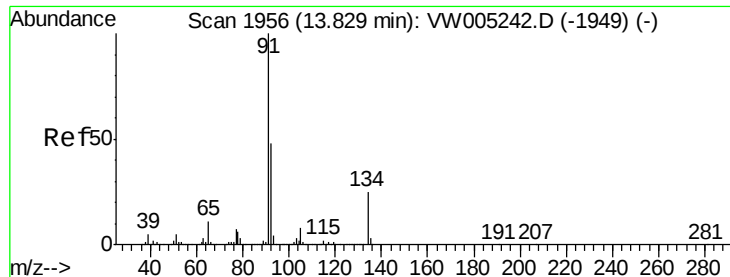
Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Tgt Ion:146 Resp: 2015598

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.3
148	64.2	32.3	96.9





#89

n-Butylbenzene

Concen: 158.884 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

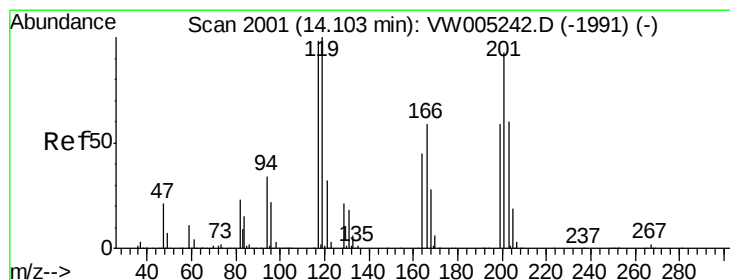
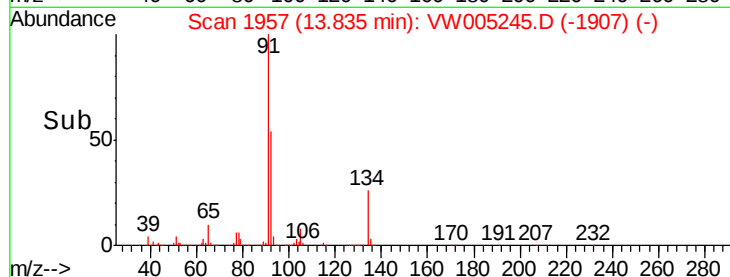
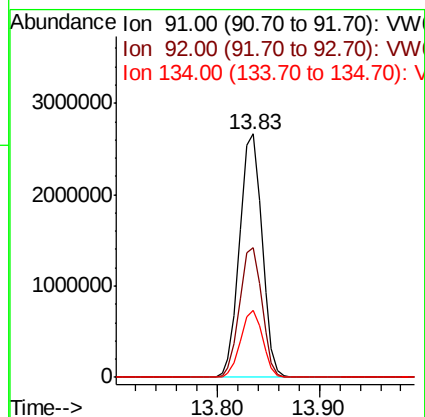
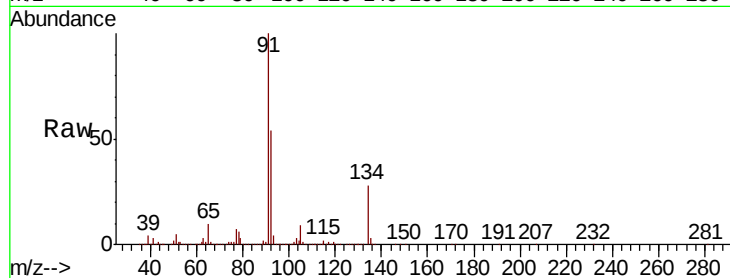
Tgt Ion: 91 Resp: 4027832

Ion Ratio Lower Upper

91 100

92 53.5 25.8 77.3

134 27.0 13.6 40.8



#90

Hexachloroethane

Concen: 154.500 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005245.D

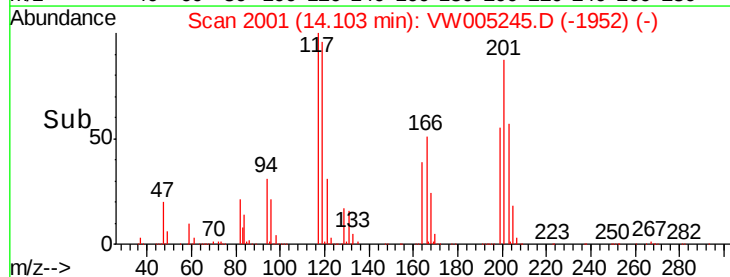
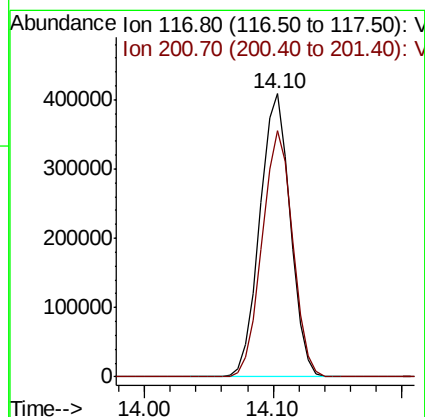
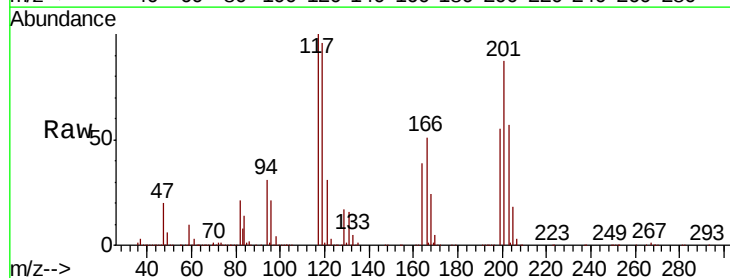
Acq: 10 Sep 2018 16:39

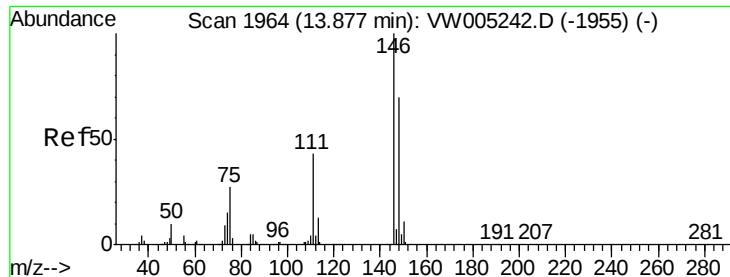
Tgt Ion: 117 Resp: 667525

Ion Ratio Lower Upper

117 100

201 87.3 44.0 132.1

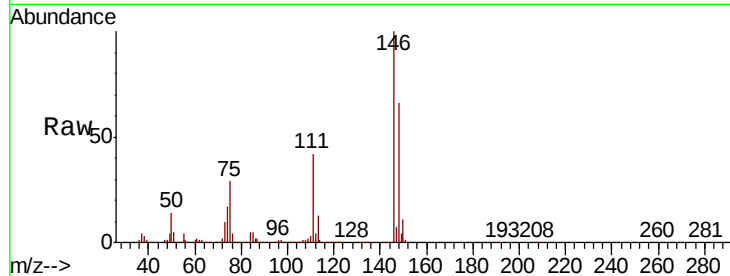




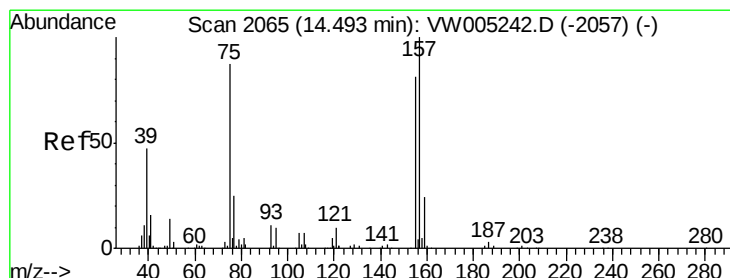
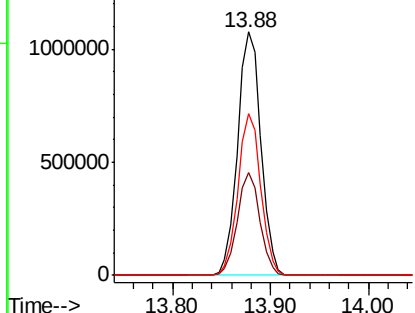
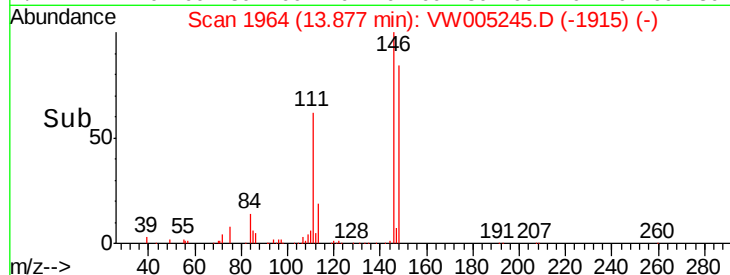
#91
 1,2-Dichlorobenzene
 Concen: 143.433 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1775038
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.5
 148 65.0 32.7 98.1

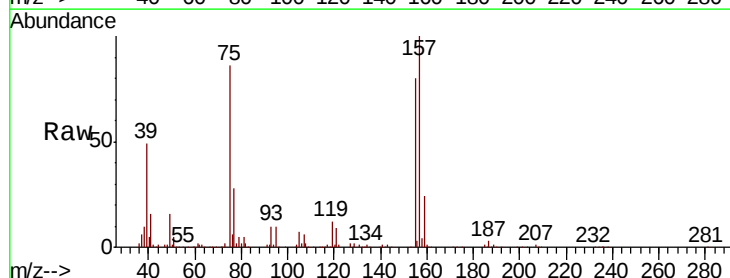


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

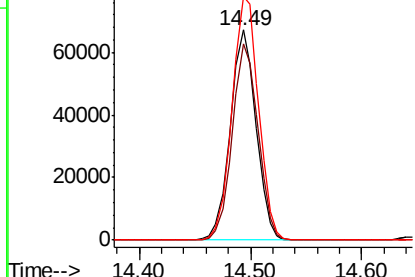
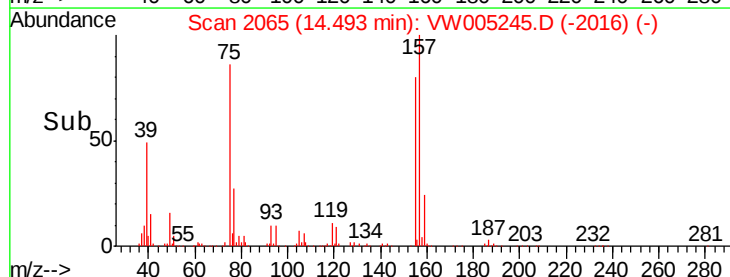


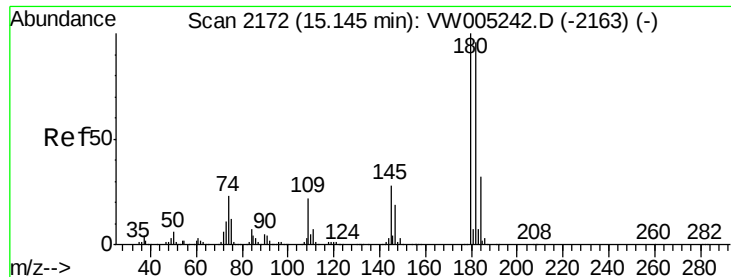
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 151.064 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion: 75 Resp: 107453
 Ion Ratio Lower Upper
 75 100
 155 93.2 47.4 142.2
 157 118.8 59.4 178.2



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

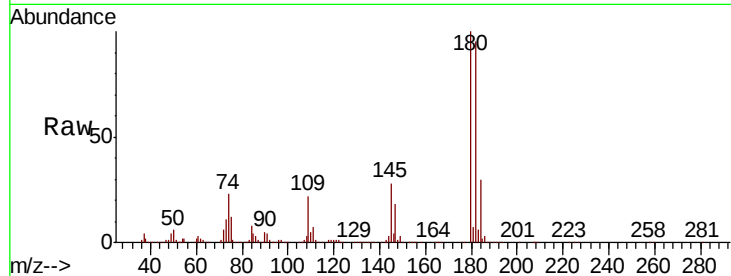




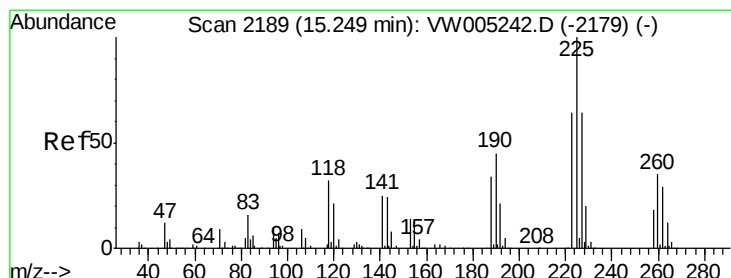
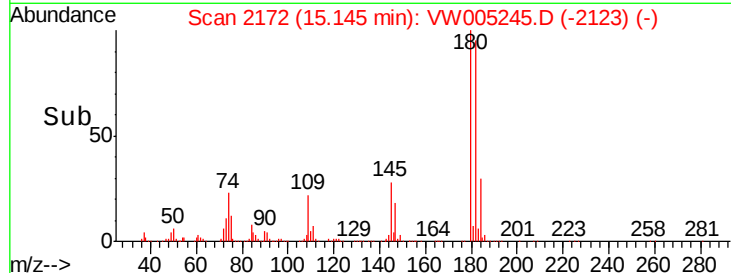
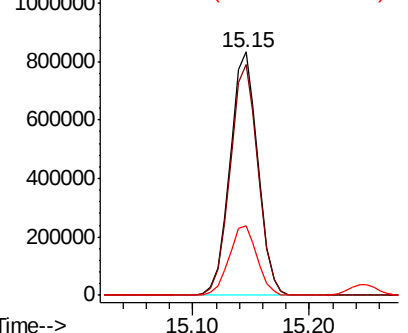
#93
 1,2,4-Trichlorobenzene
 Concen: 158.052 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1383571
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.1 144.4
 145 28.8 14.5 43.6

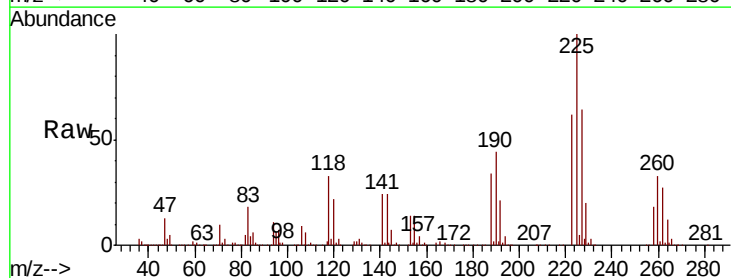


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

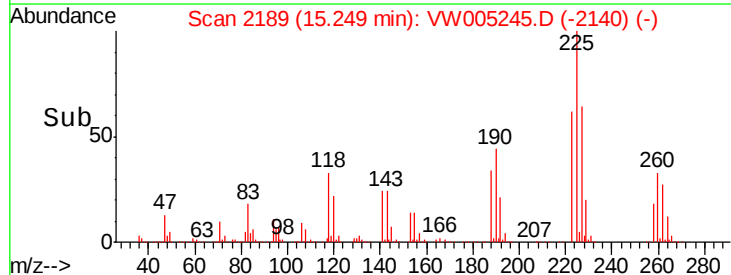
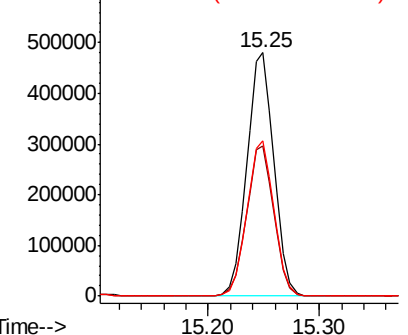


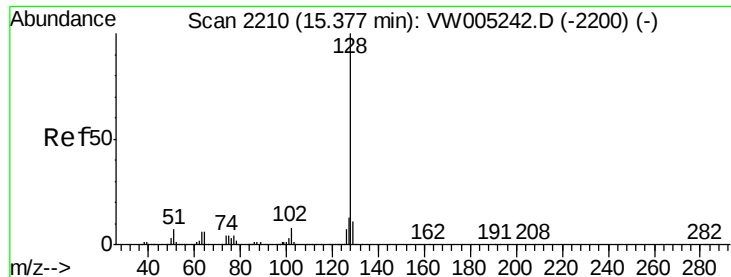
#94
 Hexachlorobutadiene
 Concen: 144.826 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005245.D
 Acq: 10 Sep 2018 16:39

Tgt Ion:225 Resp: 811849
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.2
 227 63.7 32.0 96.0



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

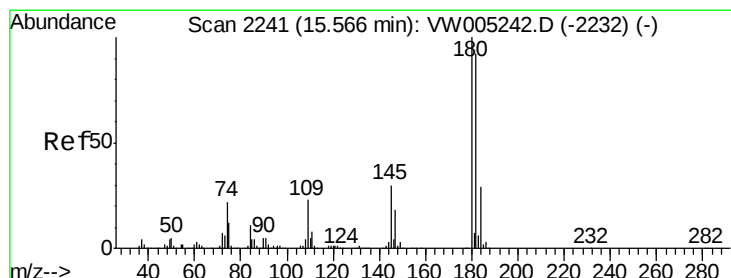
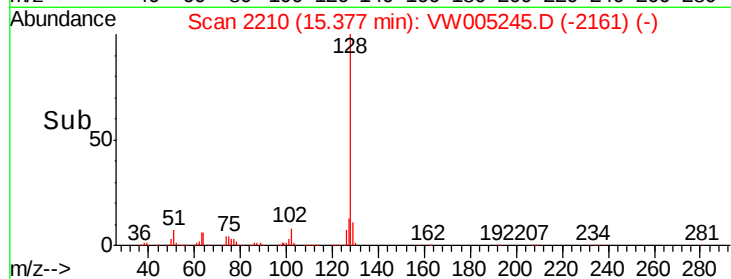
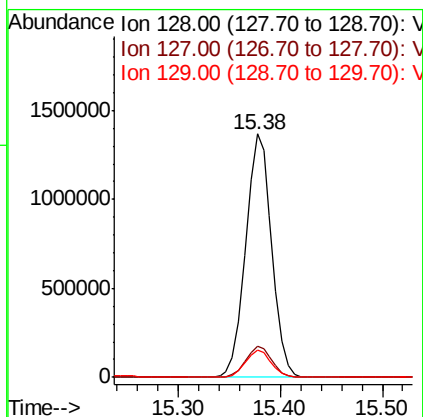
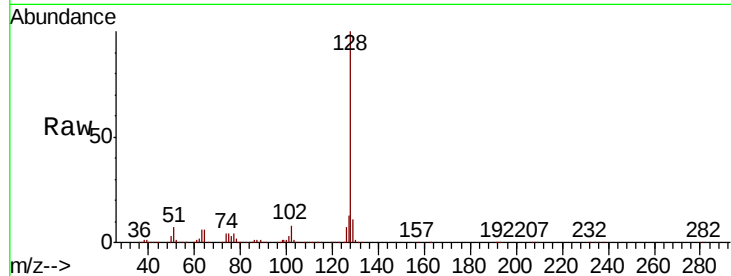




#95
Naphthalene
Concen: 169.489 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 2405580
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 156.437 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005245.D
Acq: 10 Sep 2018 16:39

Tgt Ion:180 Resp: 1178364
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 31.0 15.2 45.6

