

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005243.D
 Acq On : 10 Sep 2018 15:49
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Sep 11 02:48:53 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	495230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	702624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	711862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	379765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	252695	68.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.82%	
35) Dibromofluoromethane	7.89	113	263326	71.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.08%	
50) Toluene-d8	10.33	98	1410814	75.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.72%	
62) 4-Bromofluorobenzene	12.63	95	509806	74.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	269934	63.187	ug/l	99
3) Chloromethane	2.22	50	369327	64.665	ug/l	99
4) Vinyl Chloride	2.36	62	343160	65.448	ug/l	98
5) Bromomethane	2.76	94	226795	63.573	ug/l	98
6) Chloroethane	2.92	64	198441	68.707	ug/l	99
7) Trichlorofluoromethane	3.26	101	388282	65.462	ug/l	95
8) Diethyl Ether	3.69	74	144486	68.352	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	276933	65.366	ug/l	99
10) Methyl Iodide	4.28	142	380480	81.557	ug/l	100
11) Tert butyl alcohol	5.17	59	96481	318.508	ug/l	100
12) 1,1-Dichloroethene	4.04	96	264763	67.871	ug/l	99
13) Acrolein	3.90	56	100947	344.994	ug/l	100
14) Allyl chloride	4.68	41	417175	69.599	ug/l	100
15) Acrylonitrile	5.38	53	335254	351.536	ug/l	99
16) Acetone	4.13	43	228874	333.823	ug/l	99
17) Carbon Disulfide	4.38	76	982204	71.731	ug/l	99
18) Methyl Acetate	4.68	43	139863	68.337	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	645776	69.503	ug/l	100
20) Methylene Chloride	4.93	84	357839	61.578	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	311472	68.384	ug/l	91
22) Diisopropyl ether	6.32	45	856106	70.944	ug/l	93
23) Vinyl Acetate	6.27	43	2358155	350.655	ug/l	99
24) 1,1-Dichloroethane	6.23	63	500617	67.394	ug/l	98
25) 2-Butanone	7.18	43	364490	337.035	ug/l	91
26) 2,2-Dichloropropane	7.18	77	420176	65.241	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	331765	68.060	ug/l	99
28) Bromochloromethane	7.52	49	187227	68.323	ug/l #	99
29) Tetrahydrofuran	7.54	42	238252	326.913	ug/l	98
30) Chloroform	7.68	83	496413	66.592	ug/l	100
31) Cyclohexane	7.96	56	539638	68.275	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	452756	67.229	ug/l	99
36) 1,1-Dichloropropene	8.09	75	462270	71.812	ug/l	99
37) Ethyl Acetate	7.26	43	160458	65.534	ug/l	100
38) Carbon Tetrachloride	8.08	117	415357	68.881	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	624618	73.082	ug/l	99
40) Benzene	8.34	78	1368731	72.172	ug/l	99
41) Methacrylonitrile	7.49	41	87816	69.907	ug/l	93
42) 1,2-Dichloroethane	8.41	62	307285	67.728	ug/l	99
43) Isopropyl Acetate	8.43	43	323891	71.235	ug/l	98
44) Trichloroethene	9.10	130	375319	72.139	ug/l	98
45) 1,2-Dichloropropane	9.38	63	332270	72.891	ug/l	94
46) Dibromomethane	9.46	93	151161	67.746	ug/l	99
47) Bromodichloromethane	9.65	83	375366	68.770	ug/l	97
48) Methyl methacrylate	9.44	41	166588	70.562	ug/l	94
49) 1,4-Dioxane	9.45	88	61064	1465.804	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	952265	372.166	ug/l	100
52) Toluene	10.40	92	1014956	73.636	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	446521	75.696	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	524659	74.272	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	250887	70.520	ug/l	99
56) Ethyl methacrylate	10.65	69	347566	77.060	ug/l	98
57) 1,3-Dichloropropane	10.94	76	423615	71.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	765806	390.645	ug/l	98
59) 2-Hexanone	10.98	43	688125	373.043	ug/l	100
60) Dibromochloromethane	11.13	129	294361	74.566	ug/l	99
61) 1,2-Dibromoethane	11.24	107	238014	72.954	ug/l	98
64) Tetrachloroethene	10.87	164	373179	70.659	ug/l	98
65) Chlorobenzene	11.66	112	1118880	71.750	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	334339	71.806	ug/l	99
67) Ethyl Benzene	11.74	91	1985159	73.099	ug/l	100
68) m/p-Xylenes	11.85	106	1586369	144.958	ug/l	98
69) o-Xylene	12.17	106	747722	73.438	ug/l	99
70) Styrene	12.19	104	1231867	74.147	ug/l	99
71) Bromoform	12.35	173	182399	72.250	ug/l #	99
73) Isopropylbenzene	12.47	105	2029357	75.631	ug/l	100
74) N-amyl acetate	12.28	43	390531	76.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	284936	70.659	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	391678	79.406	ug/l #	100
77) Bromobenzene	12.76	156	464756	73.521	ug/l	99
78) n-propylbenzene	12.81	91	2357320	73.150	ug/l	99
79) 2-Chlorotoluene	12.90	91	1369169	74.088	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1715746	75.093	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	93716	75.244	ug/l	99
82) 4-Chlorotoluene	12.99	91	1420126	73.110	ug/l	100
83) tert-Butylbenzene	13.21	119	1521899	76.160	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1704945	74.257	ug/l	98
85) sec-Butylbenzene	13.40	105	2154465	75.019	ug/l	100
86) p-Isopropyltoluene	13.51	119	1899977	74.734	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	956978	72.097	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	923344	70.825	ug/l	99
89) n-Butylbenzene	13.83	91	1797452	75.210	ug/l	98
90) Hexachloroethane	14.10	117	305088	74.902	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	855856	73.358	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48472	72.283	ug/l	98

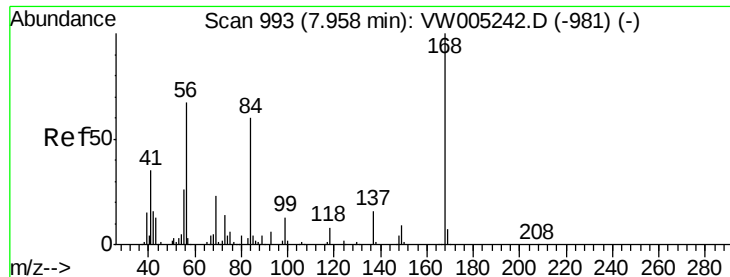
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	615330	74.561	ug/l	99
94) Hexachlorobutadiene	15.25	225	386378	73.112	ug/l	99
95) Naphthalene	15.38	128	1034725	77.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	521462	73.433	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

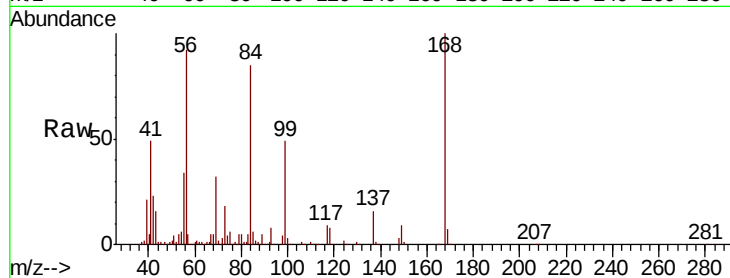
VSTDIC075

Tgt Ion:168 Resp: 495230

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

100000

50000

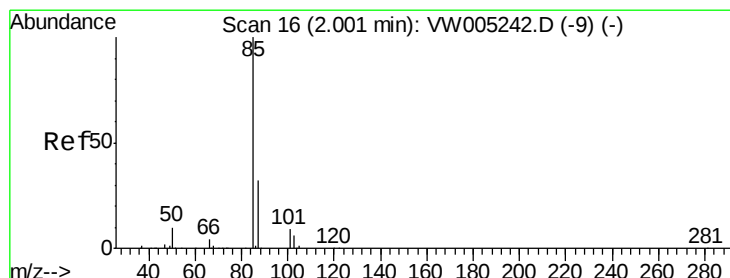
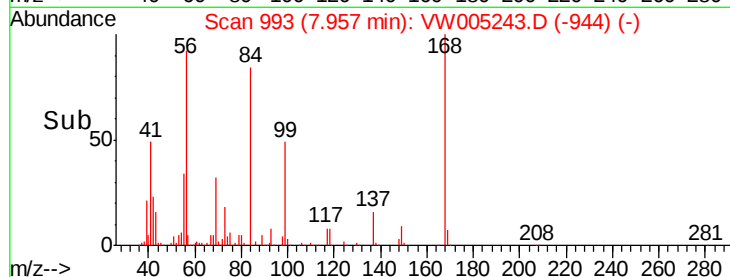
0

7.80

8.00

8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 63.187 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005243.D

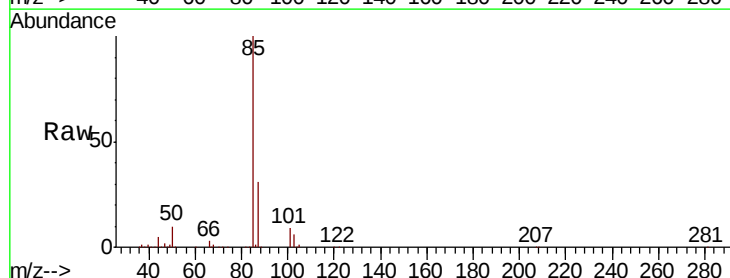
Acq: 10 Sep 2018 15:49

Tgt Ion: 85 Resp: 269934

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

150000

100000

50000

0

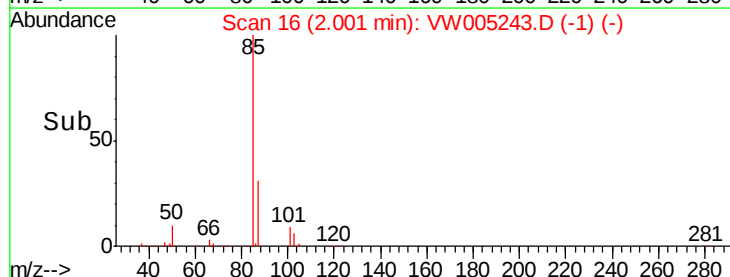
1.90

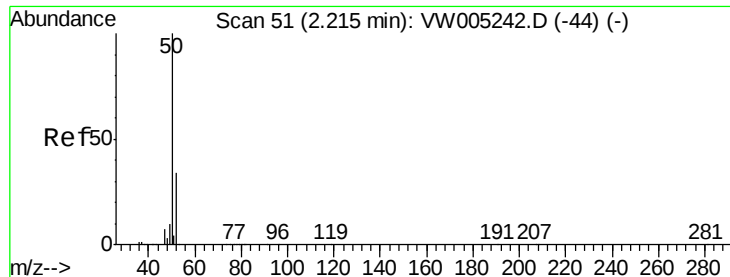
2.00

2.10

2.20

Time-->

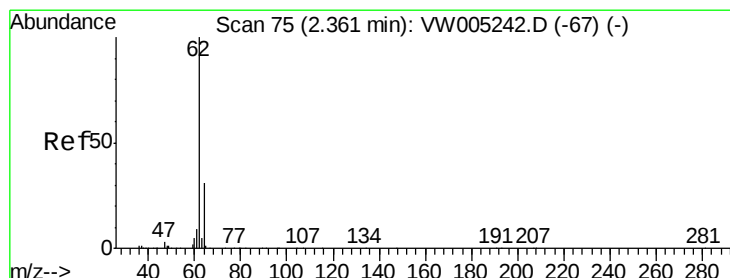
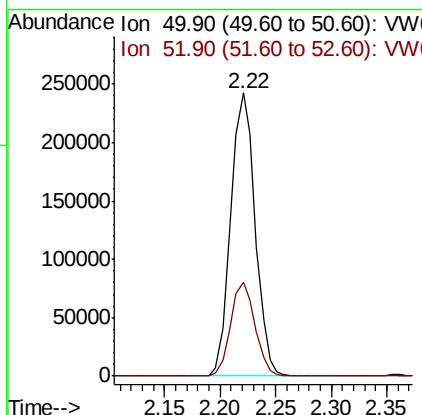
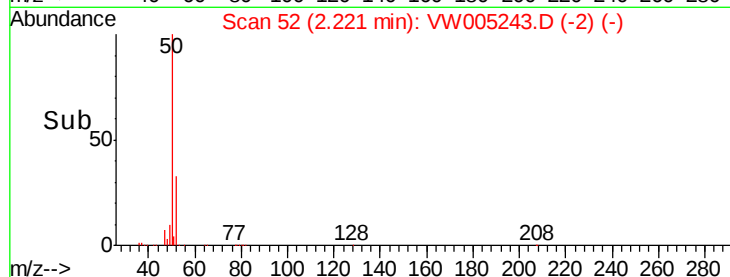
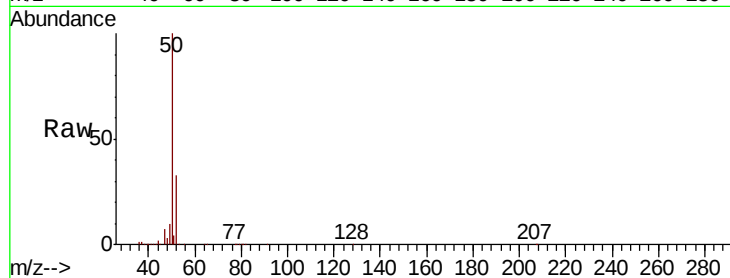




#3
Chloromethane
Concen: 64.665 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

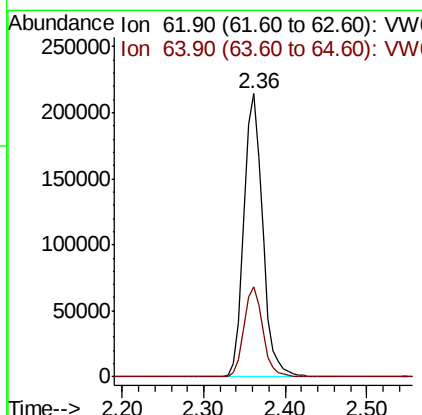
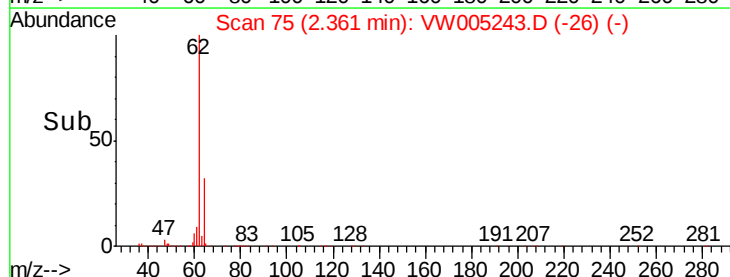
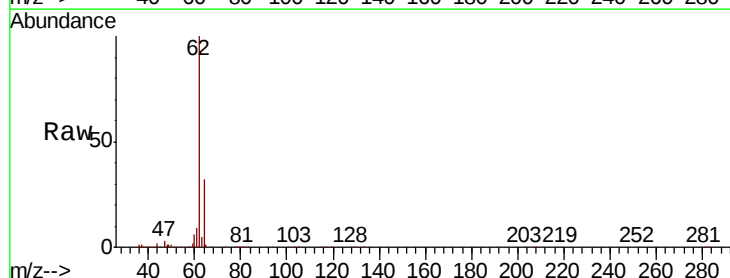
Instrument :
MSVOA_W
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VSTDIC075

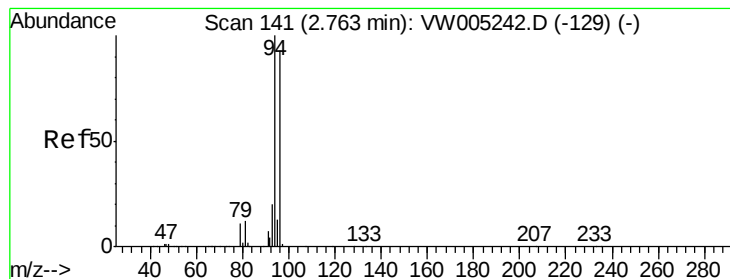
Tgt Ion: 50 Resp: 369327
Ion Ratio Lower Upper
50 100
52 33.4 27.0 40.4



#4
Vinyl Chloride
Concen: 65.448 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 62 Resp: 343160
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5

Bromomethane

Concen: 63.573 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

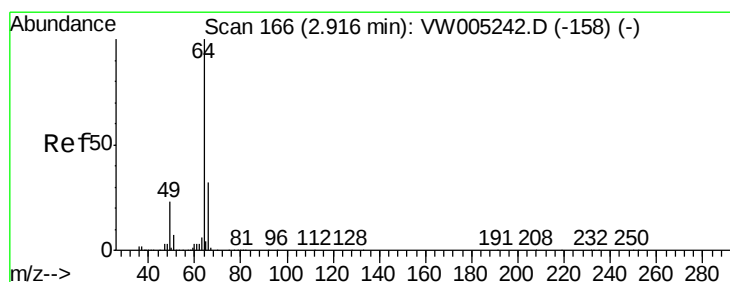
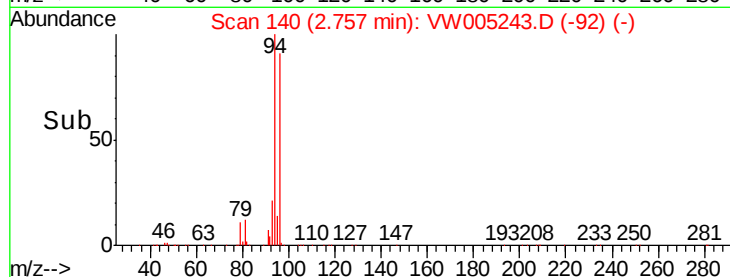
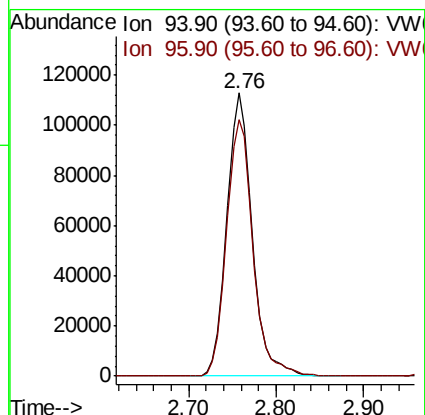
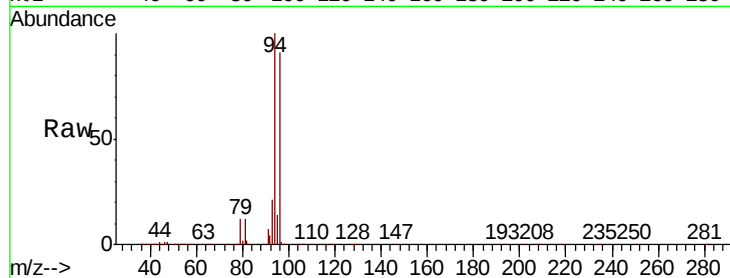
VSTDIC075

Tgt Ion: 94 Resp: 226795

Ion Ratio Lower Upper

94 100

96 90.7 74.1 111.1



#6

Chloroethane

Concen: 68.707 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005243.D

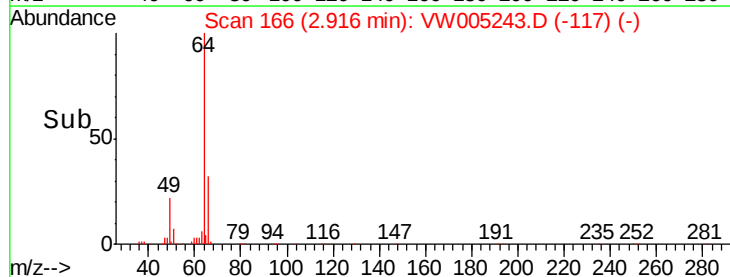
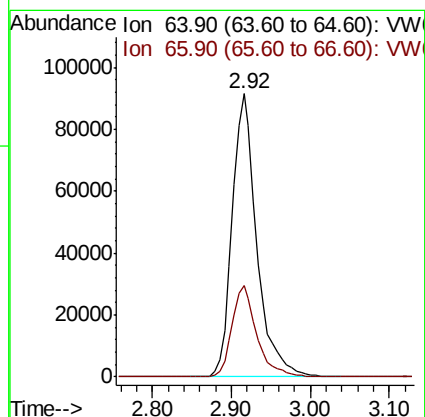
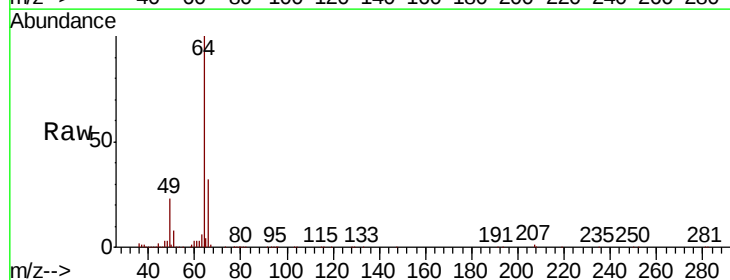
Acq: 10 Sep 2018 15:49

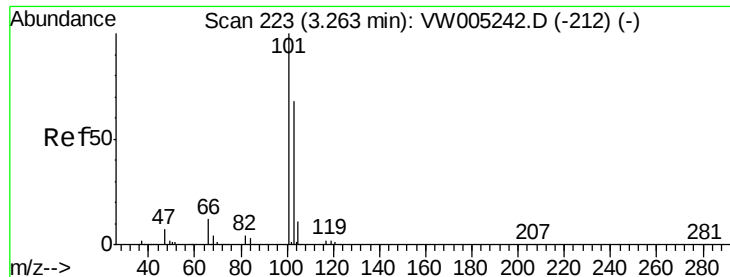
Tgt Ion: 64 Resp: 198441

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9



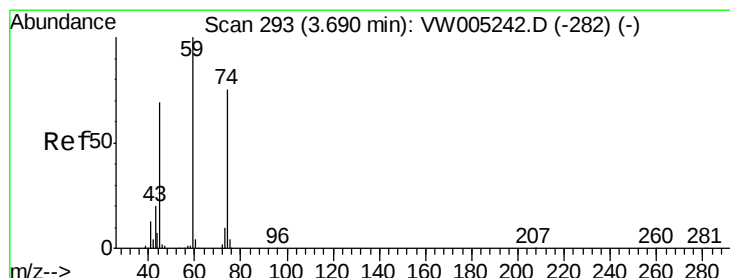
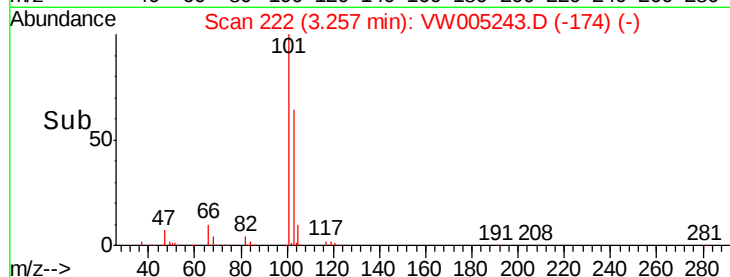
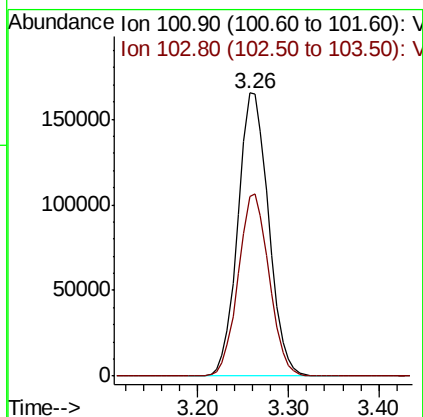
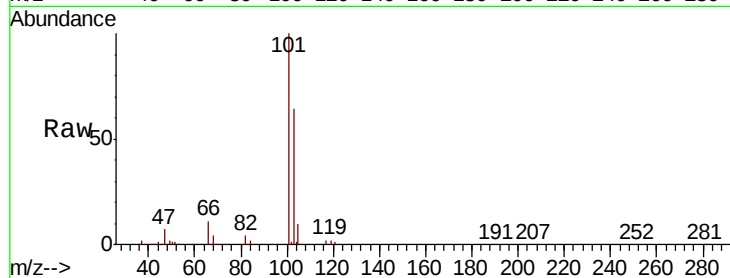


#7

Trichlorofluoromethane
 Concen: 65.462 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

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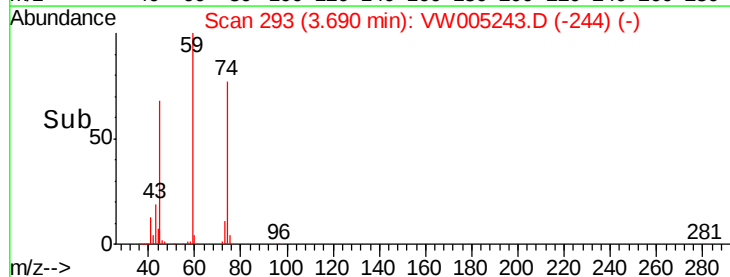
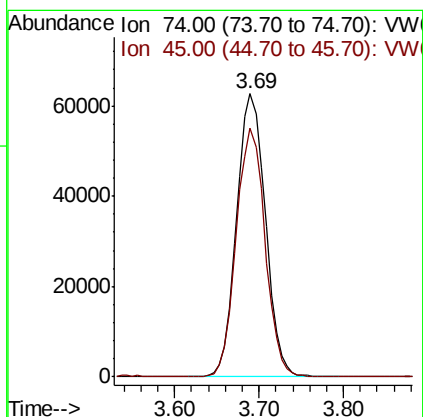
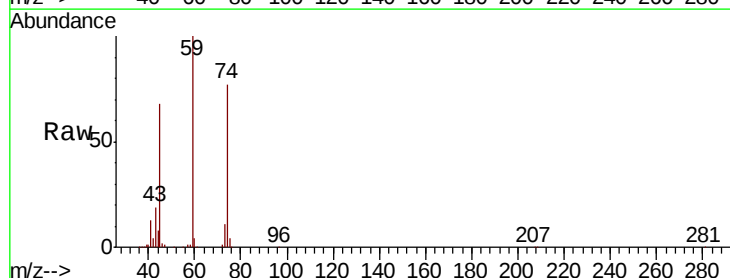
Tgt Ion: 101 Resp: 388282
 Ion Ratio Lower Upper
 101 100
 103 63.7 54.1 81.1

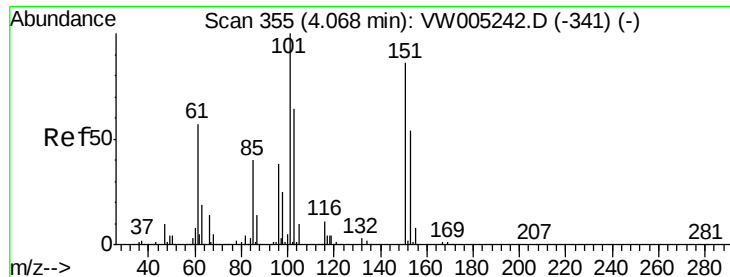


#8

Diethyl Ether
 Concen: 68.352 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 74 Resp: 144486
 Ion Ratio Lower Upper
 74 100
 45 87.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 65.366 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

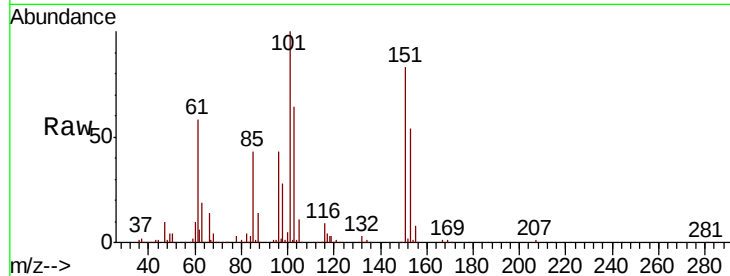
Tgt Ion:101 Resp: 276933

Ion Ratio Lower Upper

101 100

85 42.0 32.7 49.1

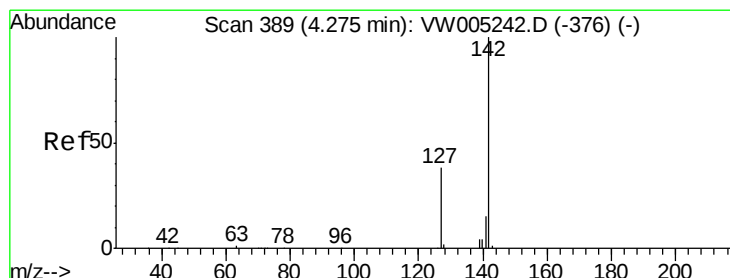
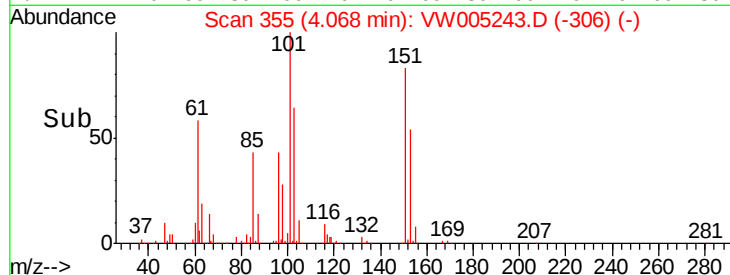
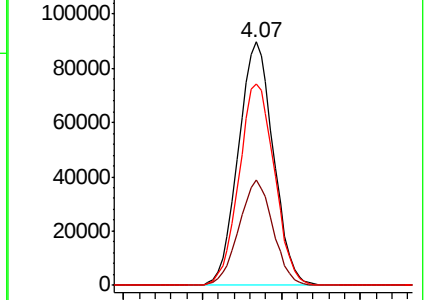
151 83.9 67.6 101.4



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: 81.557 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

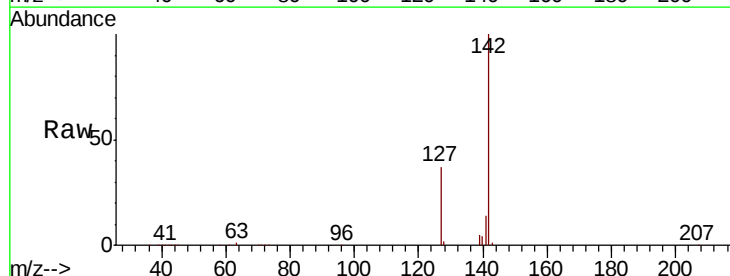
Tgt Ion:142 Resp: 380480

Ion Ratio Lower Upper

142 100

127 37.6 30.3 45.5

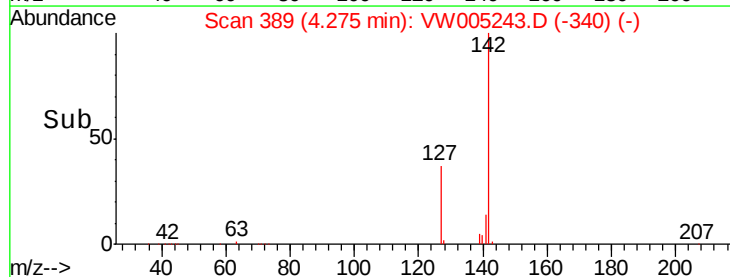
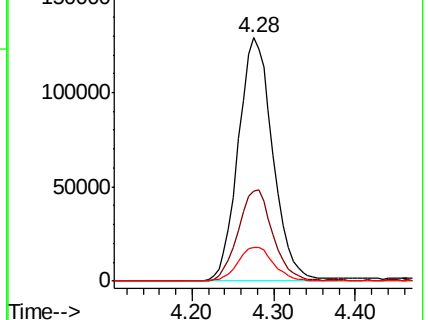
141 14.3 11.4 17.0

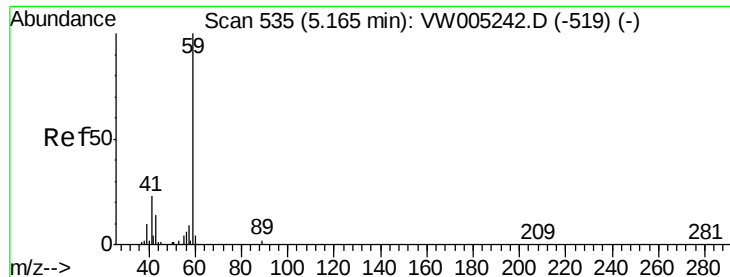


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

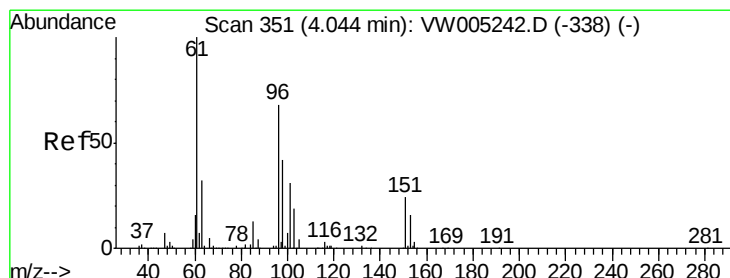
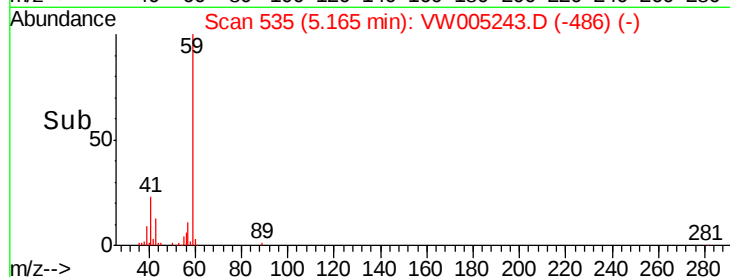
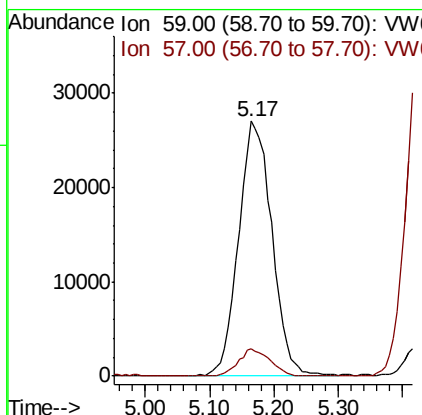
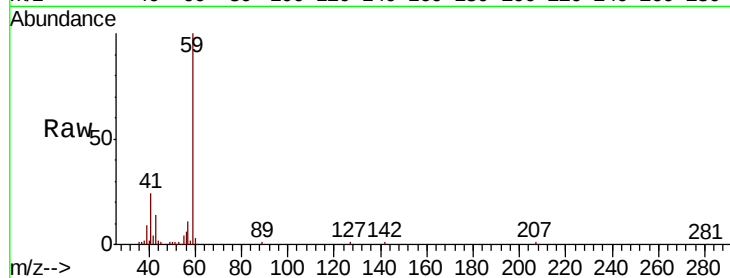




#11
Tert butyl alcohol
Concen: 318.508 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

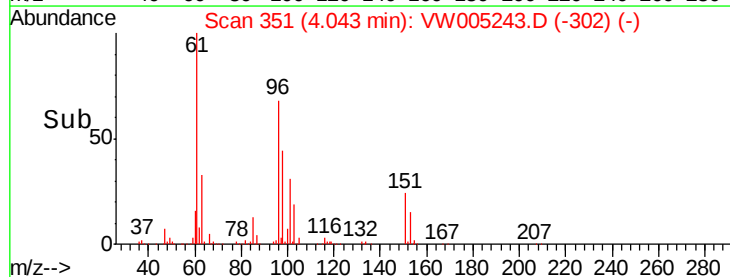
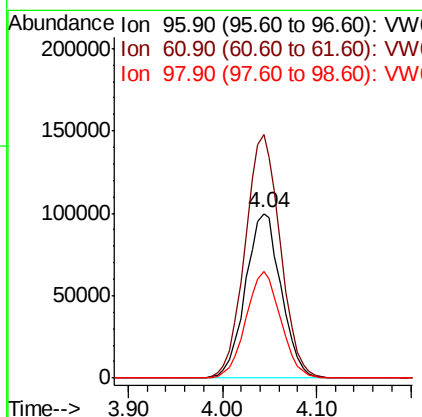
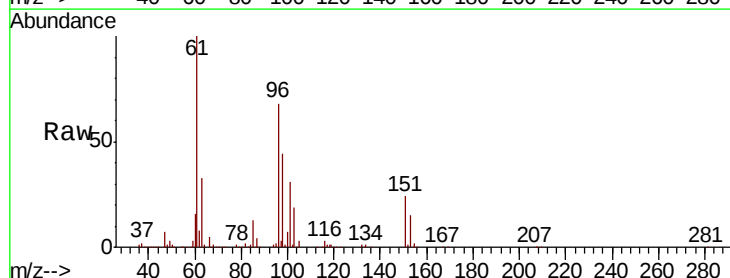
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

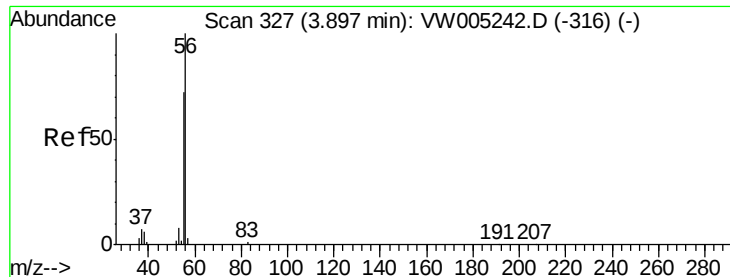
Tgt Ion: 59 Resp: 96481
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 67.871 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 96 Resp: 264763
Ion Ratio Lower Upper
96 100
61 147.8 118.2 177.2
98 64.4 49.9 74.9





#13

Acrolein

Concen: 344.994 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

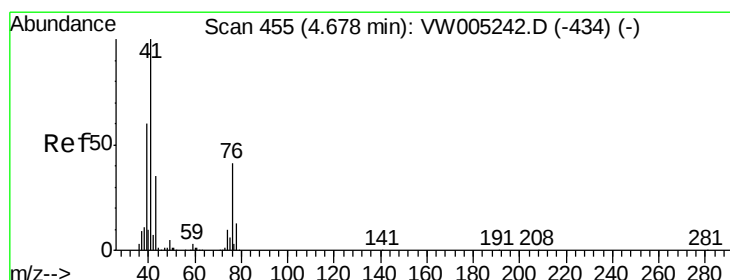
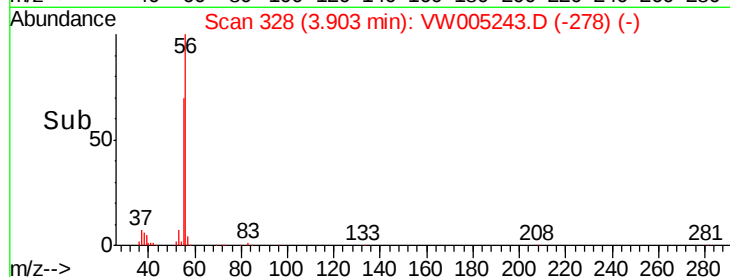
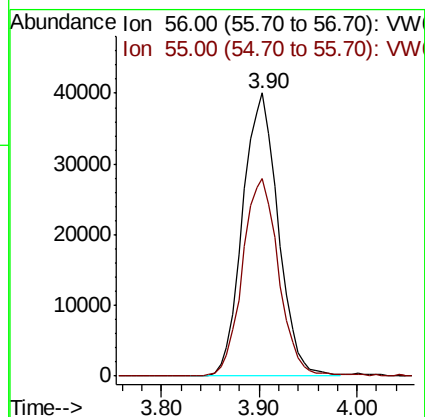
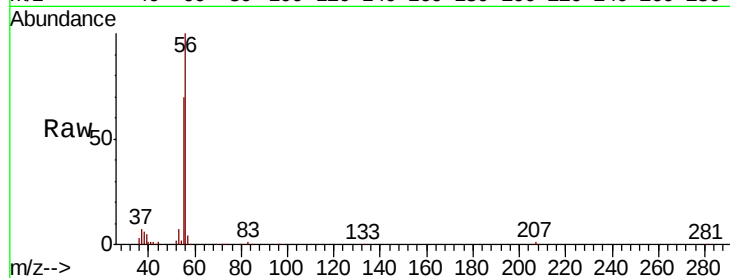
VSTDIC075

Tgt Ion: 56 Resp: 100947

Ion Ratio Lower Upper

56 100

55 71.0 56.8 85.2



#14

Allyl chloride

Concen: 69.599 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

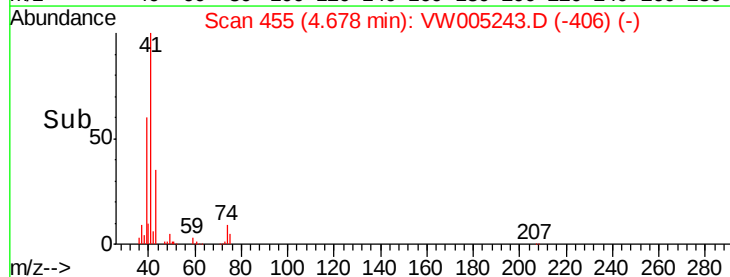
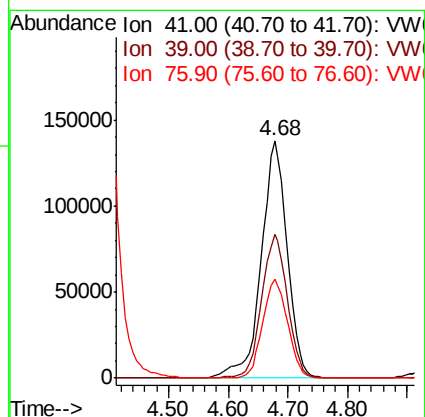
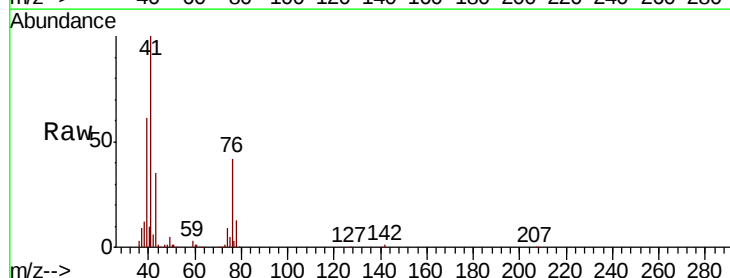
Tgt Ion: 41 Resp: 417175

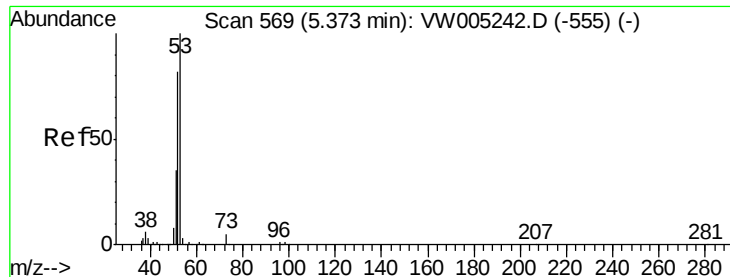
Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

76 39.8 31.7 47.5





#15

Acrylonitrile

Concen: 351.536 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

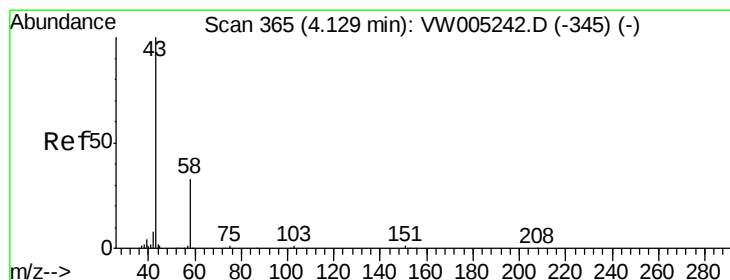
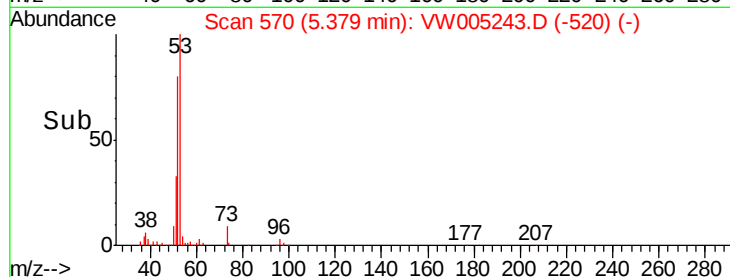
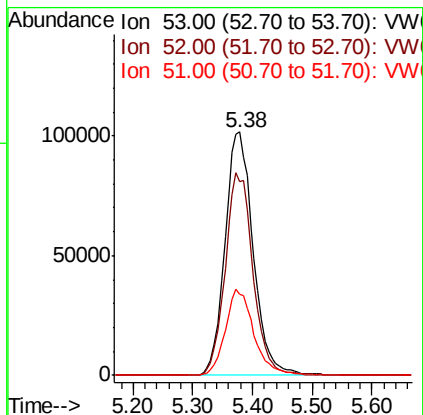
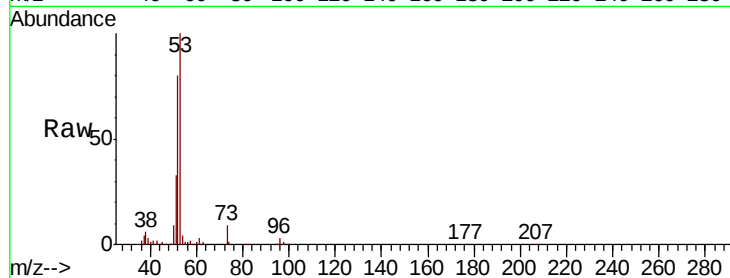
Tgt Ion: 53 Resp: 335254

Ion Ratio Lower Upper

53 100

52 81.4 66.0 99.0

51 35.7 28.6 43.0



#16

Acetone

Concen: 333.823 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW005243.D

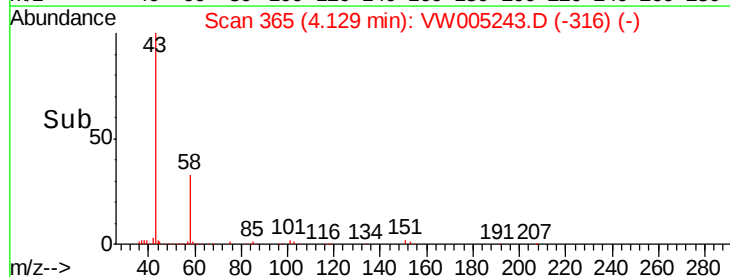
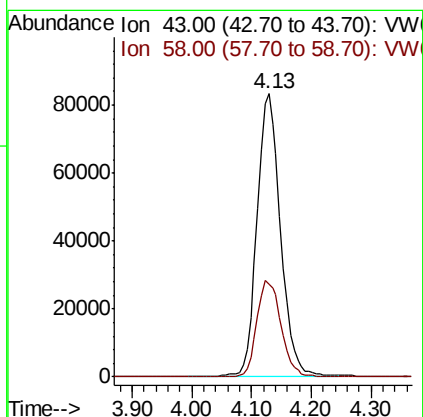
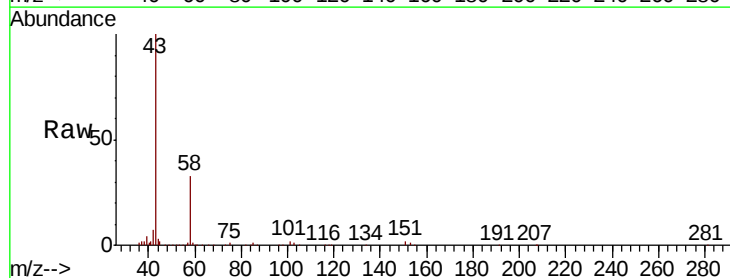
Acq: 10 Sep 2018 15:49

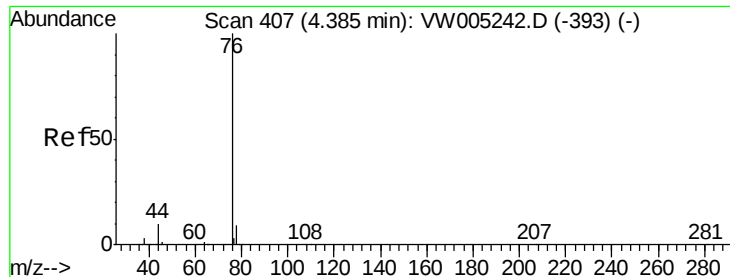
Tgt Ion: 43 Resp: 228874

Ion Ratio Lower Upper

43 100

58 32.7 26.7 40.1

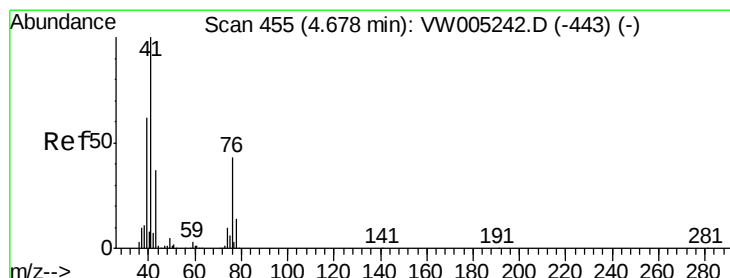
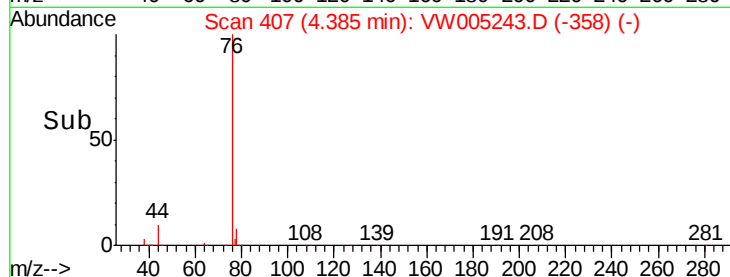
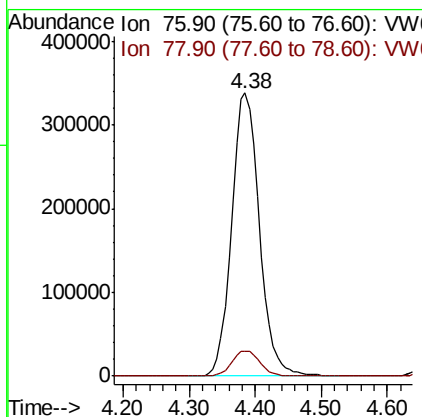
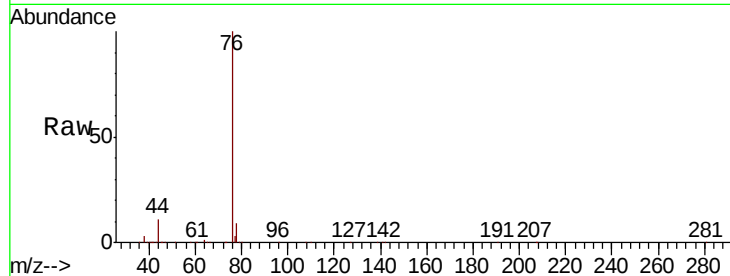




#17
Carbon Disulfide
Concen: 71.731 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

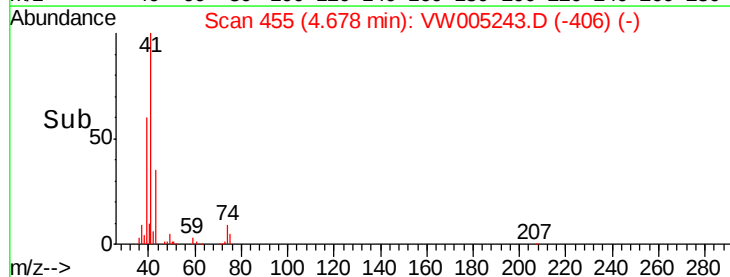
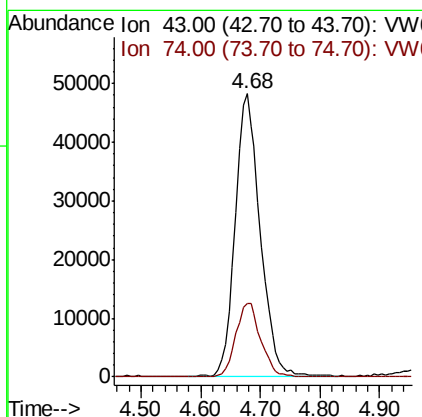
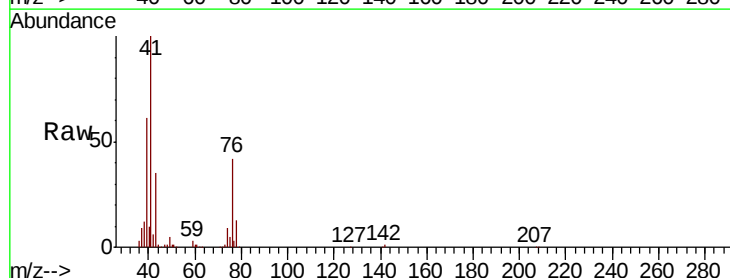
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

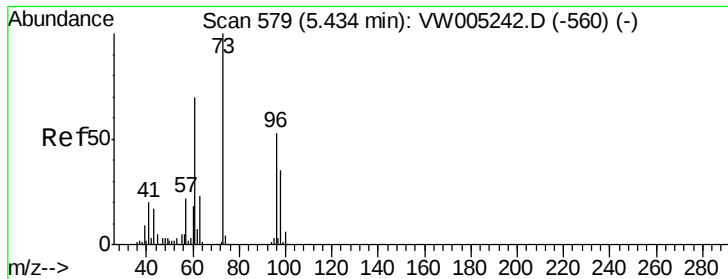
Tgt Ion: 76 Resp: 982204
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 68.337 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 43 Resp: 139863
Ion Ratio Lower Upper
43 100
74 26.3 21.4 32.2

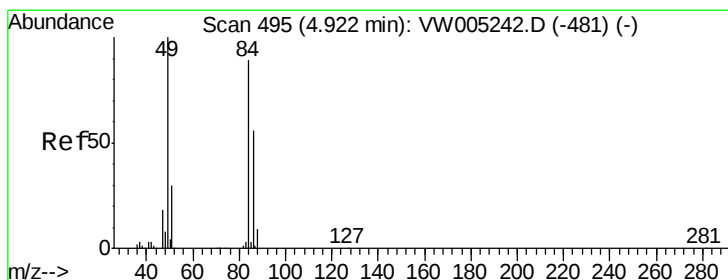
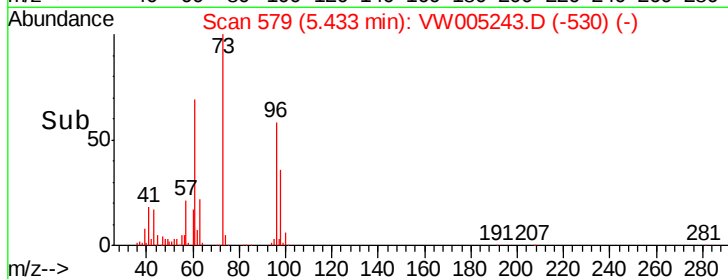
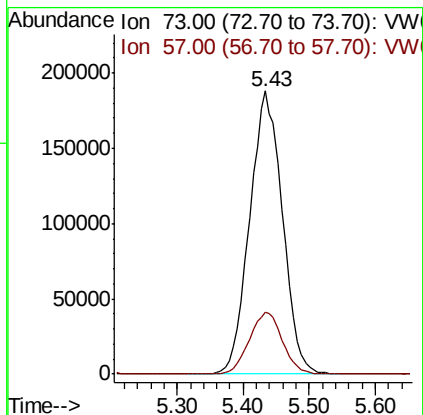
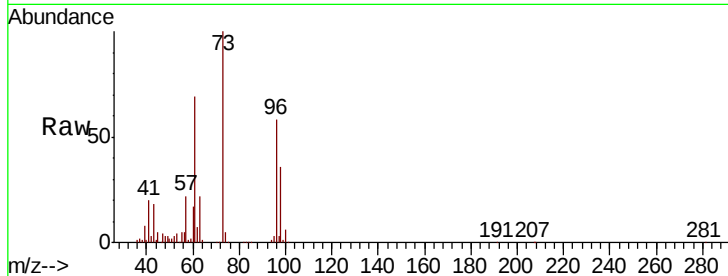




#19
Methyl tert-butyl Ether
Concen: 69.503 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

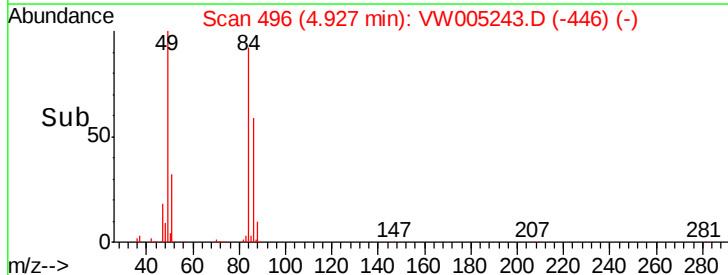
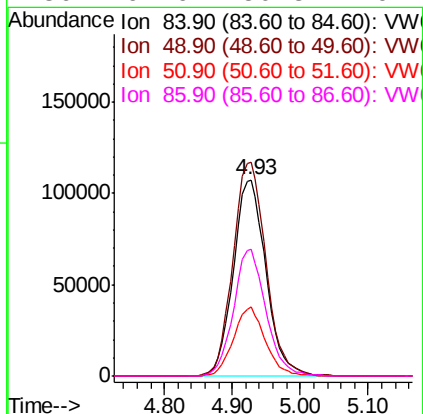
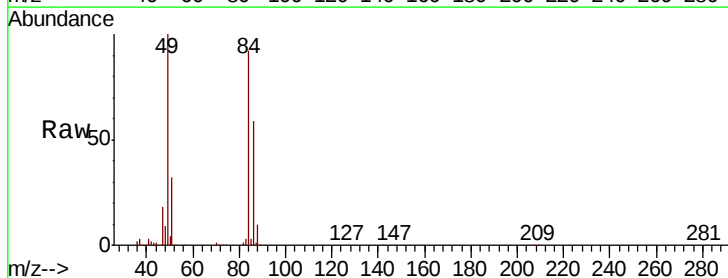
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

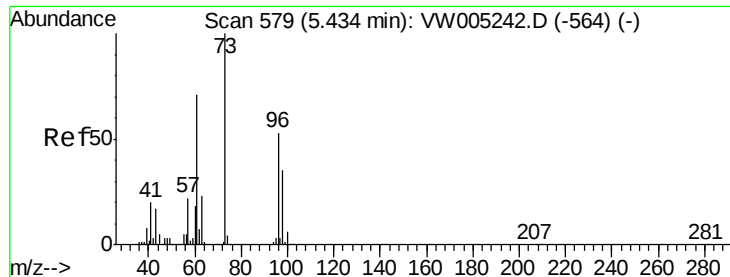
Tgt Ion: 73 Resp: 645776
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 61.578 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 84 Resp: 357839
Ion Ratio Lower Upper
84 100
49 108.8 90.3 135.5
51 34.9 26.9 40.3
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 68.384 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

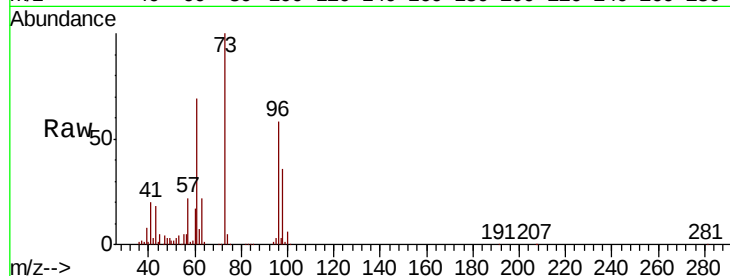
Tgt Ion: 96 Resp: 311472

Ion Ratio Lower Upper

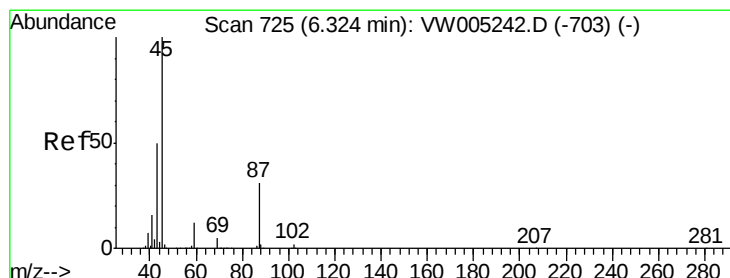
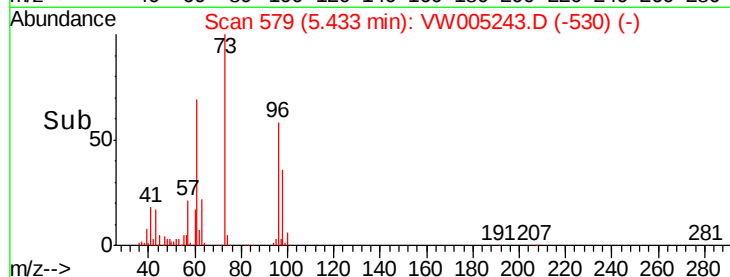
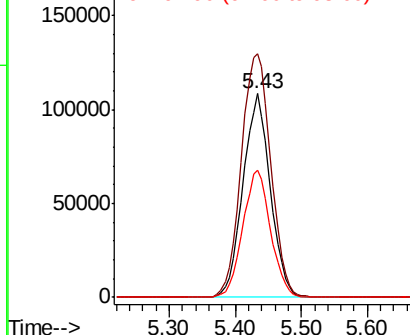
96 100

61 119.6 105.7 158.5

98 62.2 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: 70.944 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion: 45 Resp: 856106

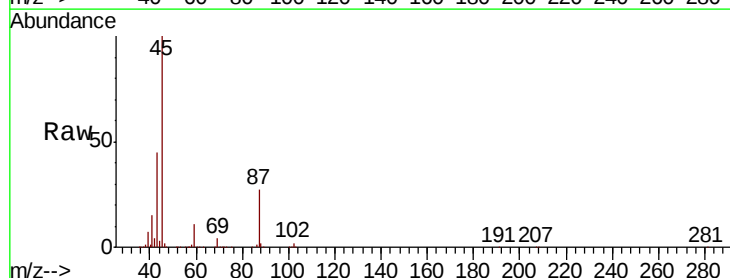
Ion Ratio Lower Upper

45 100

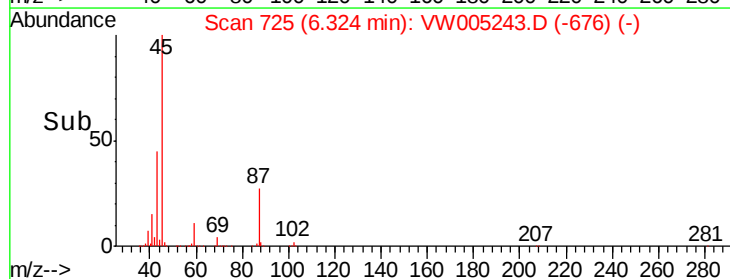
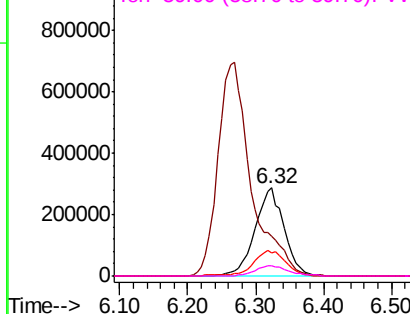
43 44.4 39.6 59.4

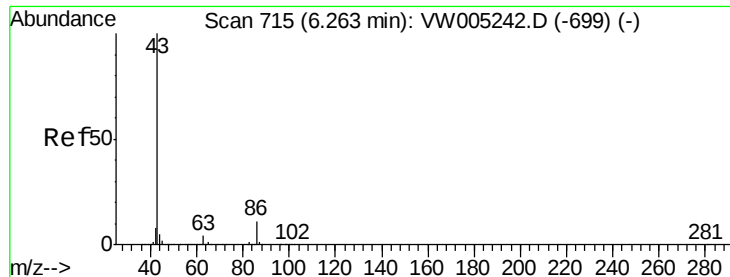
87 26.6 24.7 37.1

59 10.9 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: 350.655 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

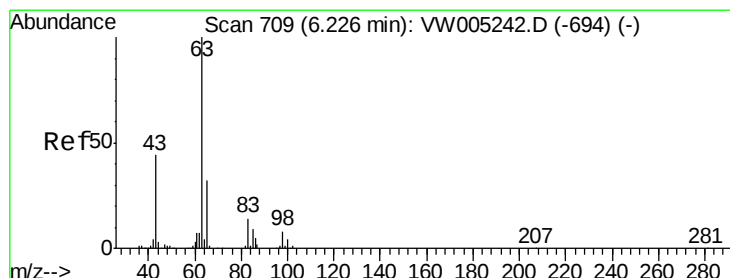
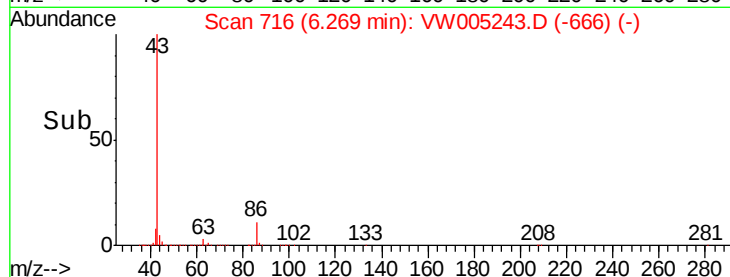
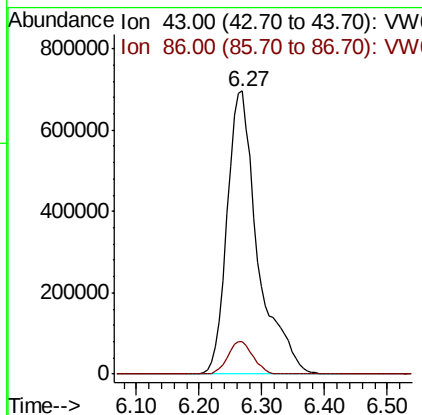
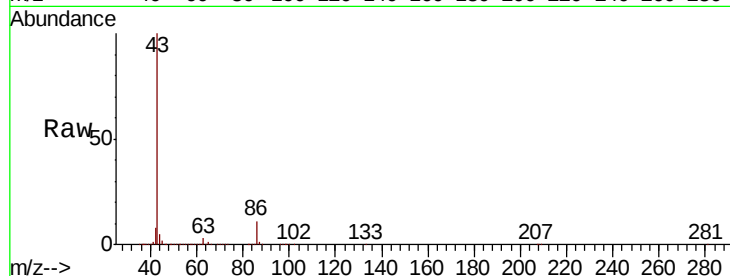
VSTDIC075

Tgt Ion: 43 Resp: 2358155

Ion Ratio Lower Upper

43 100

86 11.5 8.9 13.3



#24

1,1-Dichloroethane

Concen: 67.394 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

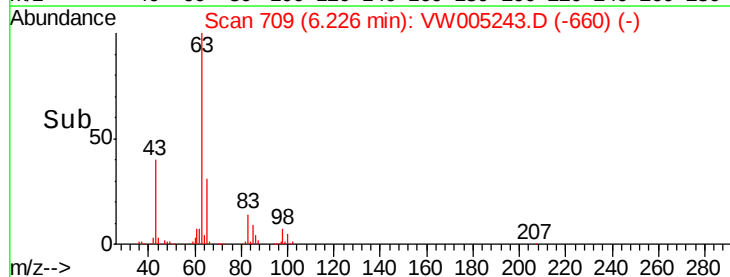
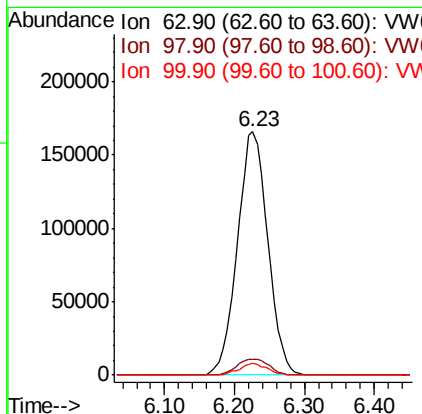
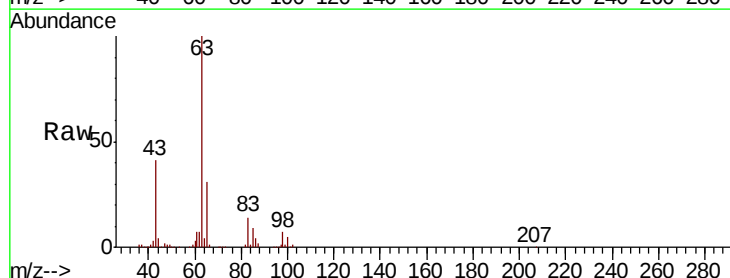
Tgt Ion: 63 Resp: 500617

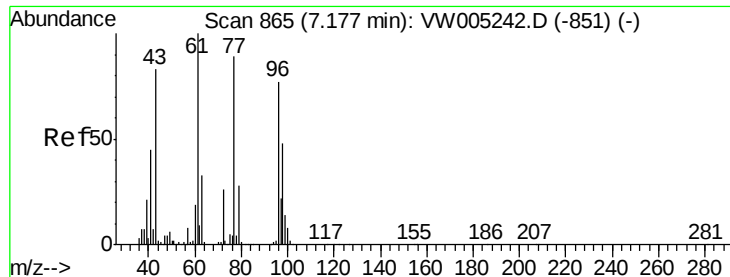
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 337.035 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

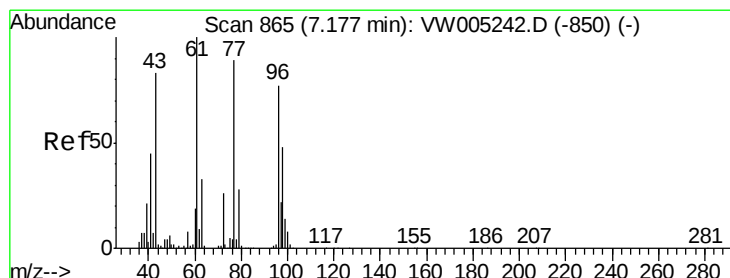
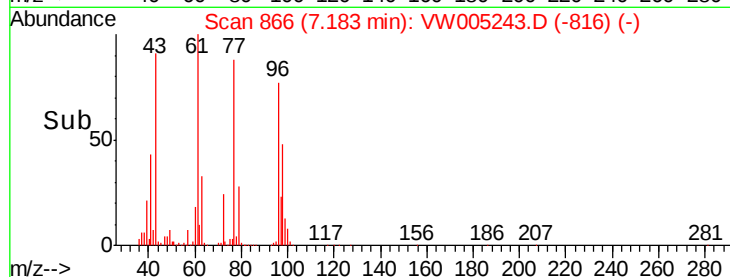
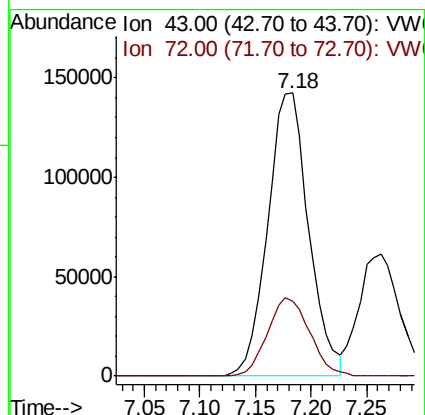
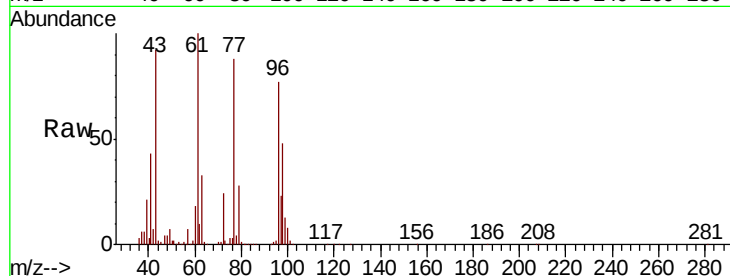
VSTDIC075

Tgt Ion: 43 Resp: 364490

Ion Ratio Lower Upper

43 100

72 26.4 25.0 37.6



#26

2,2-Dichloropropane

Concen: 65.241 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005243.D

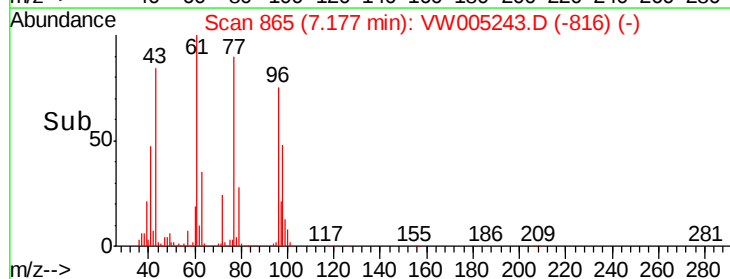
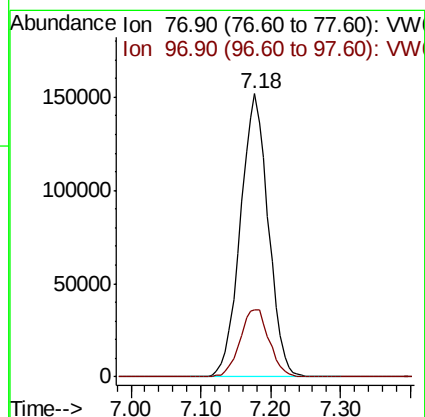
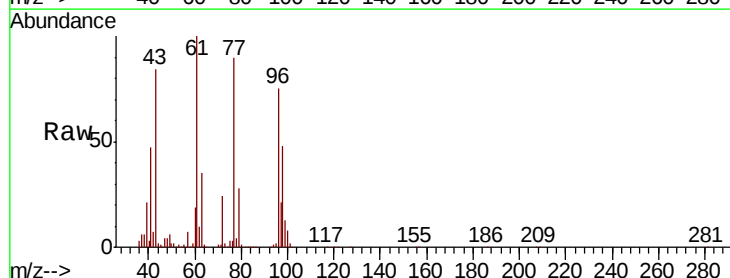
Acq: 10 Sep 2018 15:49

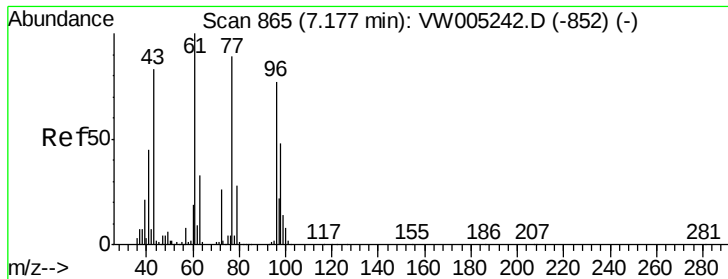
Tgt Ion: 77 Resp: 420176

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6



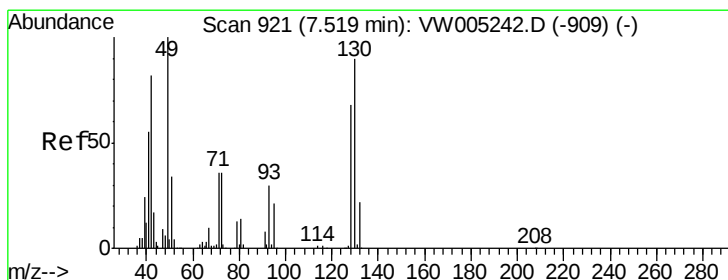
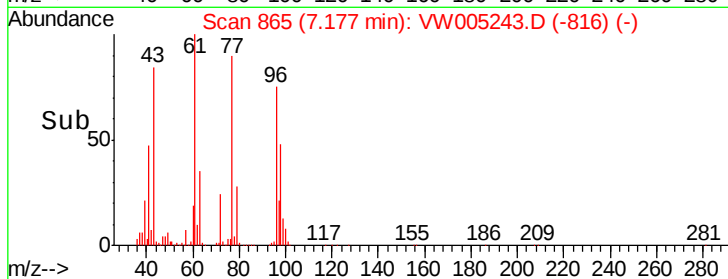
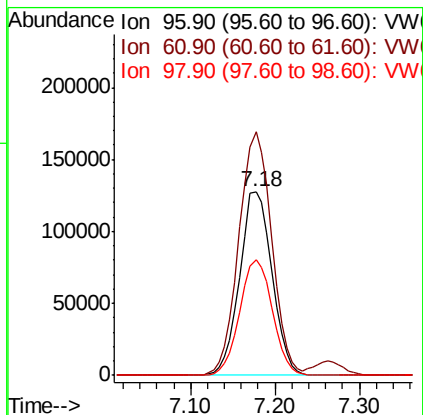
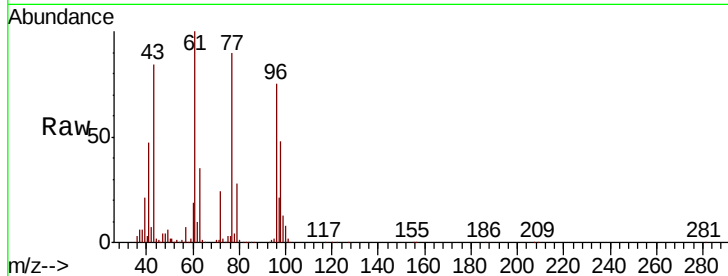


#27

cis-1,2-Dichloroethene
 Concen: 68.060 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

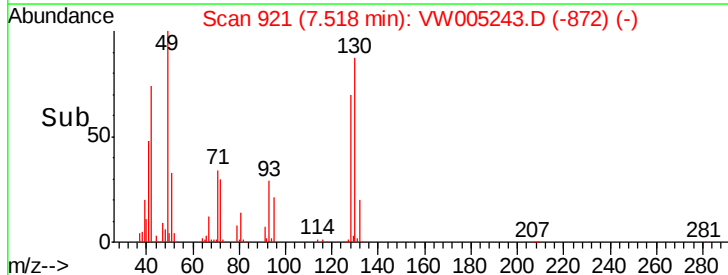
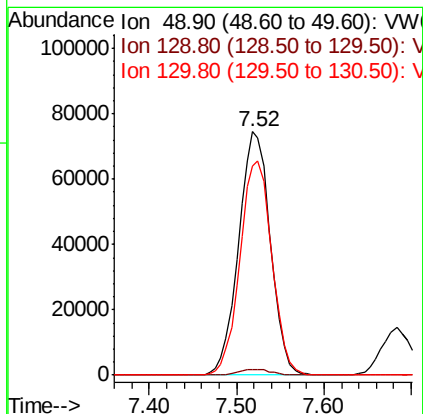
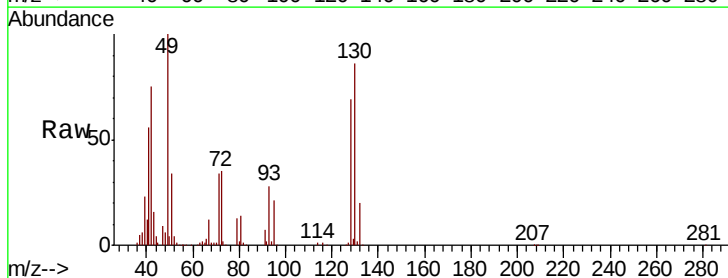
Tgt Ion: 96 Resp: 331765
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 273.4
 98 63.6 0.0 127.8

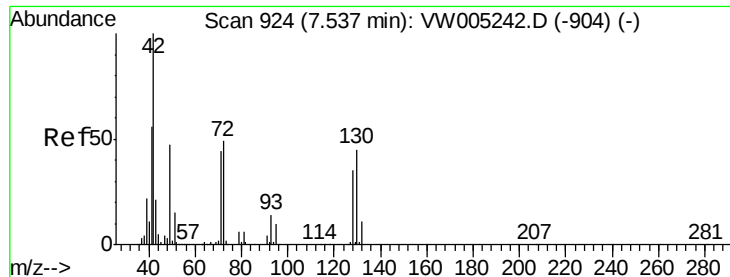


#28

Bromochloromethane
 Concen: 68.323 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 49 Resp: 187227
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.0#
 130 88.5 71.2 106.8





#29

Tetrahydrofuran

Concen: 326.913 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

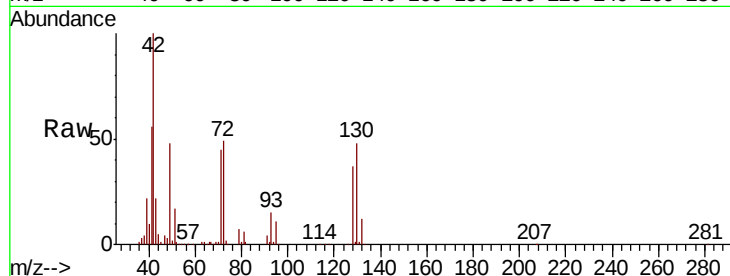
Tgt Ion: 42 Resp: 238252

Ion Ratio Lower Upper

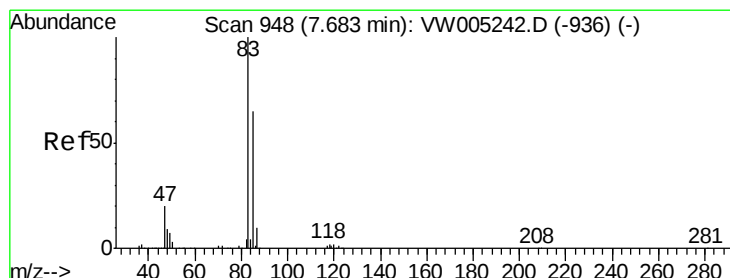
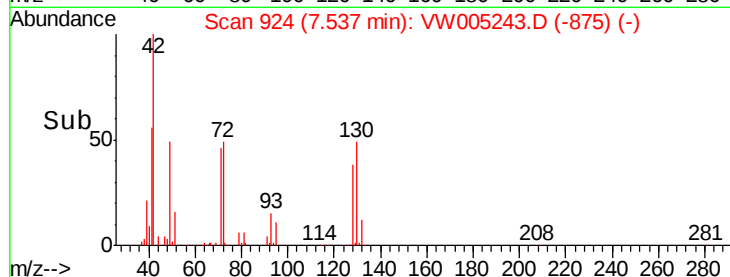
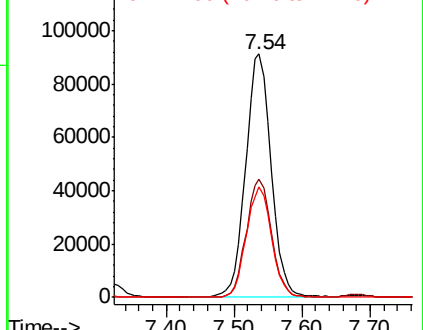
42 100

72 48.2 37.5 56.3

71 44.9 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: 66.592 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005243.D

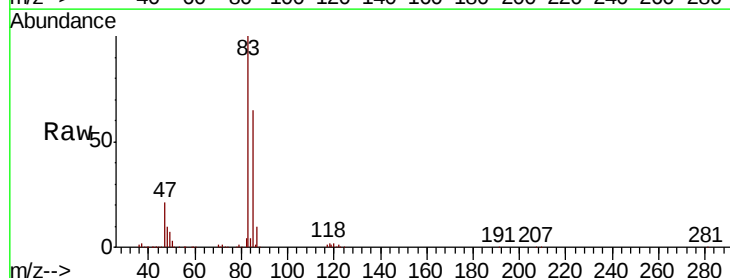
Acq: 10 Sep 2018 15:49

Tgt Ion: 83 Resp: 496413

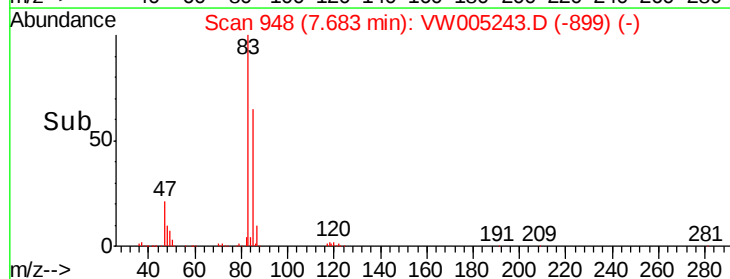
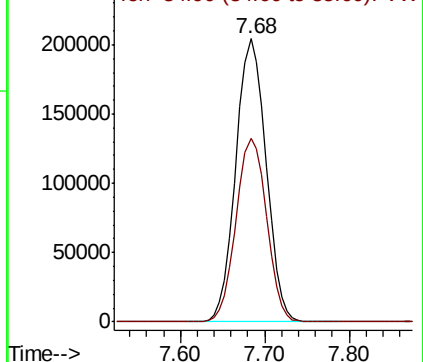
Ion Ratio Lower Upper

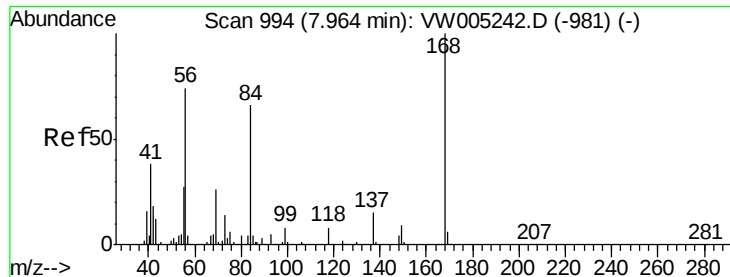
83 100

85 64.8 51.7 77.5



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

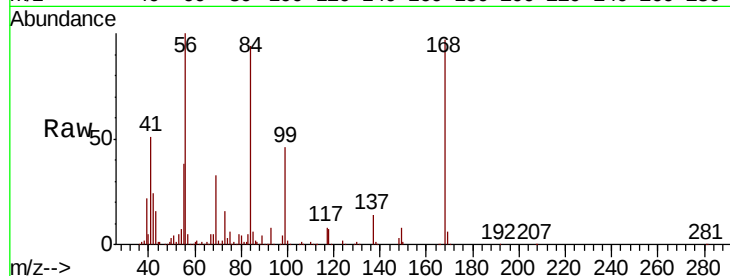




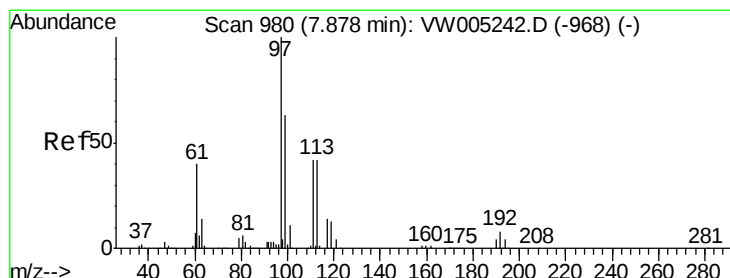
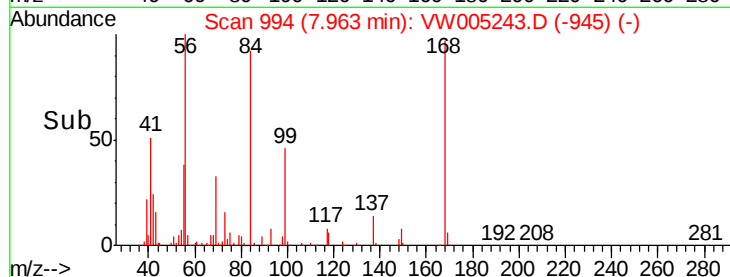
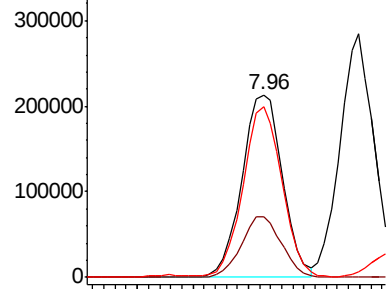
#31
Cyclohexane
Concen: 68.275 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 539638
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.8
84 92.6 72.1 108.1

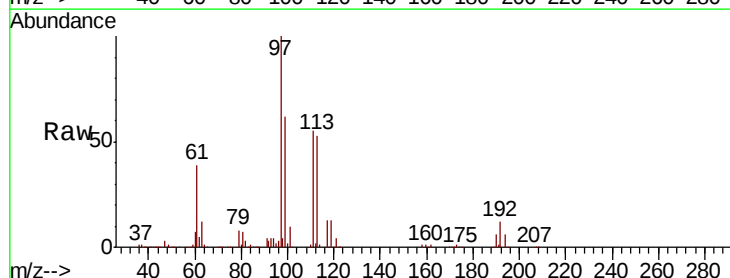


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

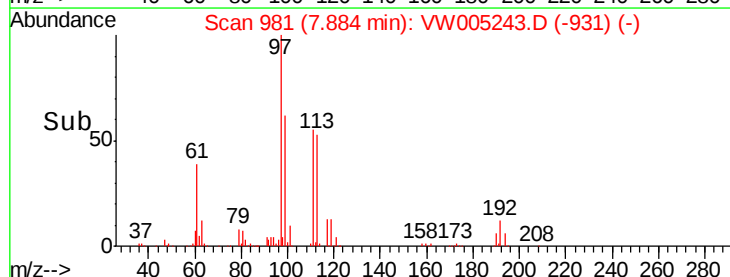
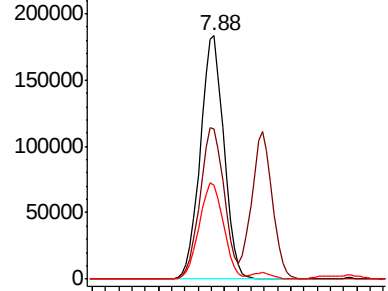


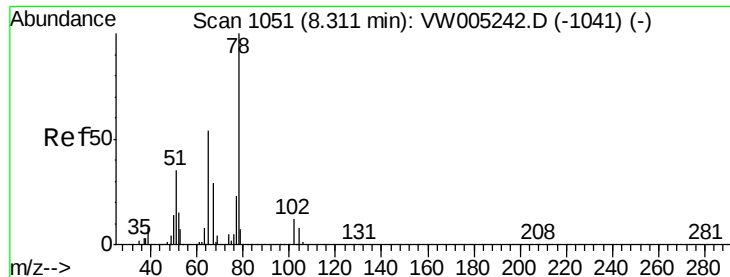
#32
1,1,1-Trichloroethane
Concen: 67.229 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 97 Resp: 452756
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 41.0 32.5 48.7



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

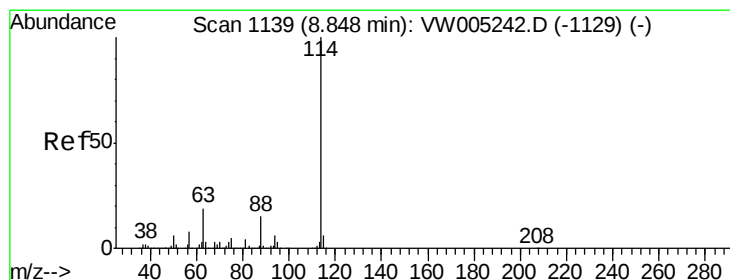
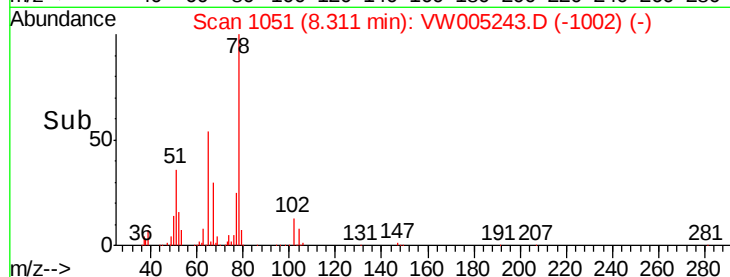
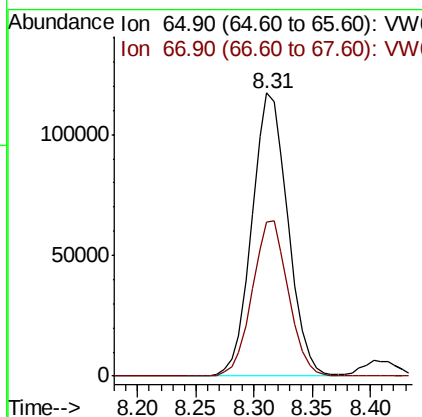
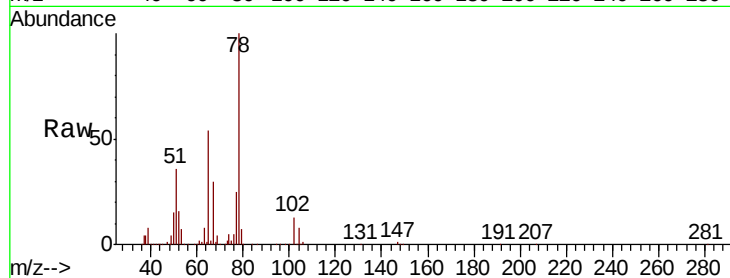




#33
 1,2-Dichloroethane-d4
 Concen: 68.412 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

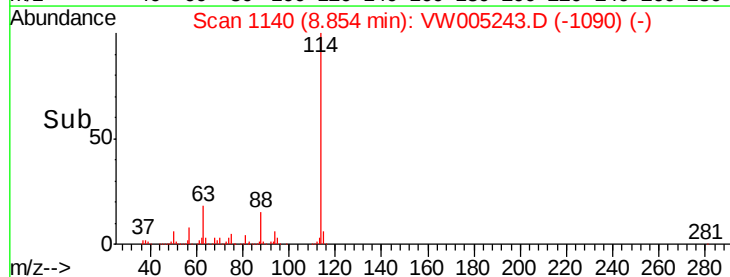
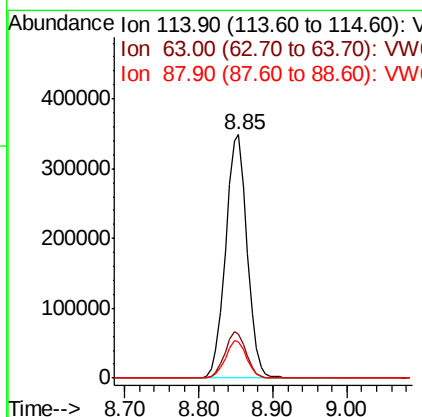
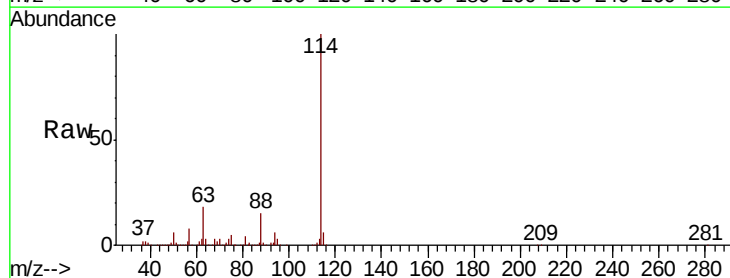
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

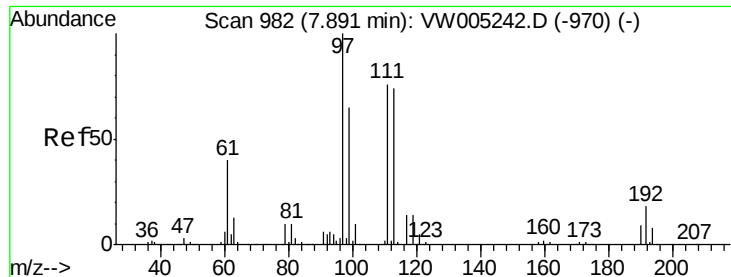
Tgt Ion: 65 Resp: 252695
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 114 Resp: 702624
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.0
 88 14.9 0.0 30.4

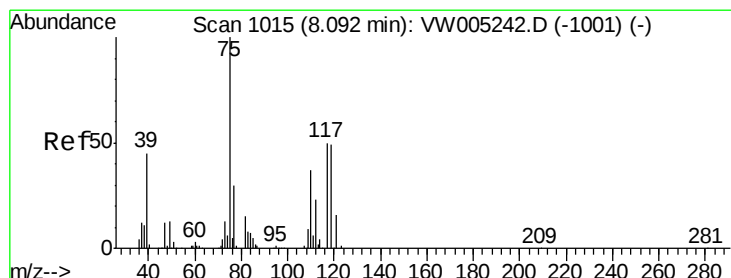
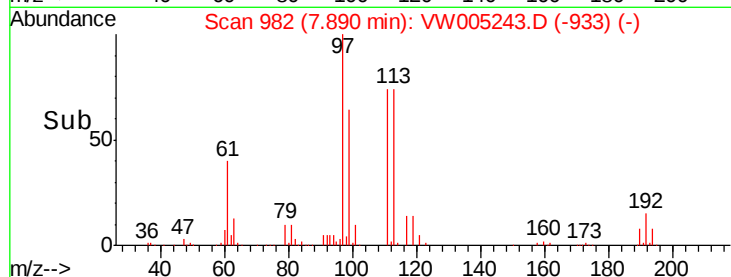
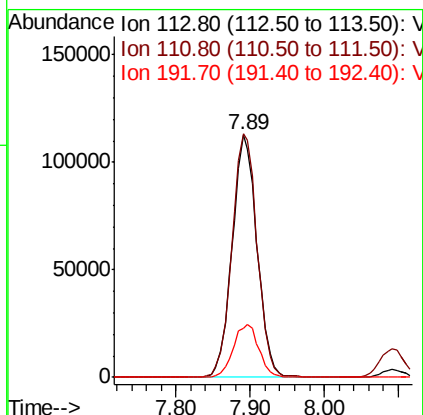
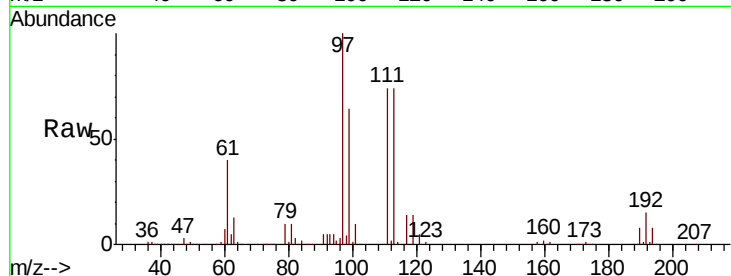




#35
 Dibromofluoromethane
 Concen: 71.544 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

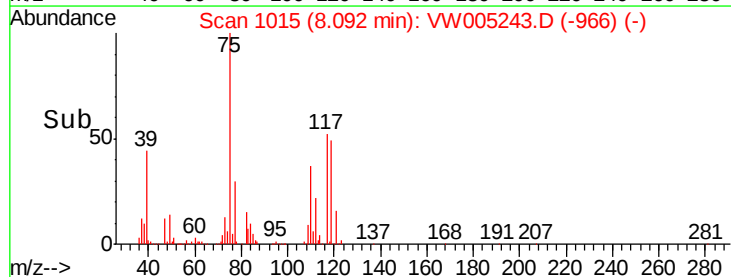
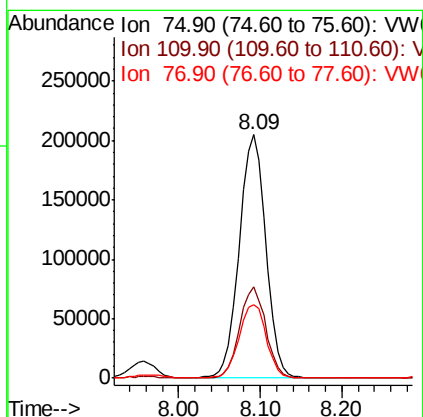
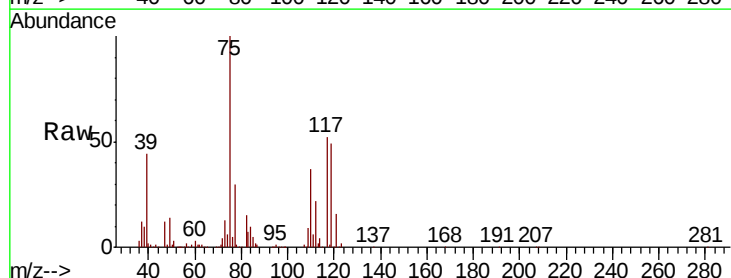
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

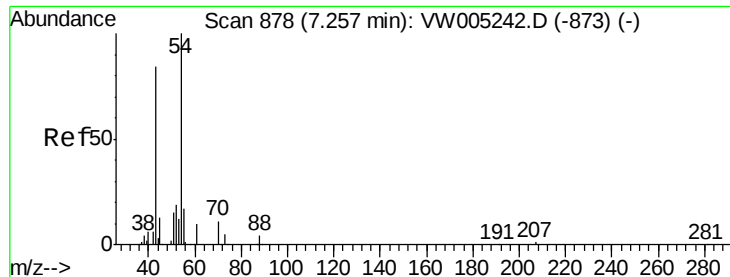
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	121.0
192	22.3	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 71.812 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.8	56.4
77	31.3	24.9	37.3

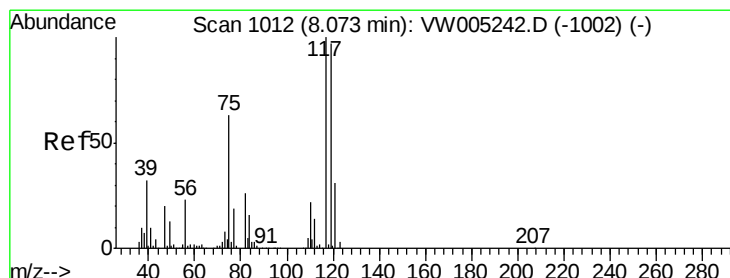
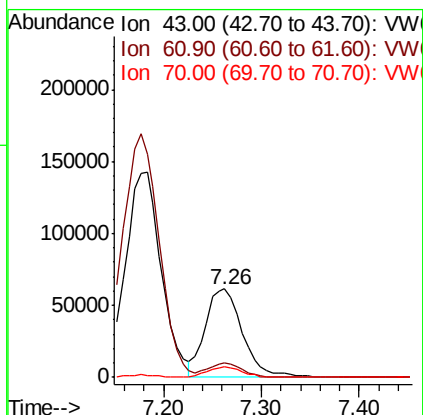
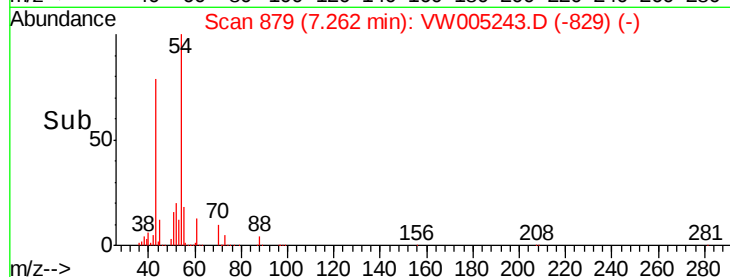
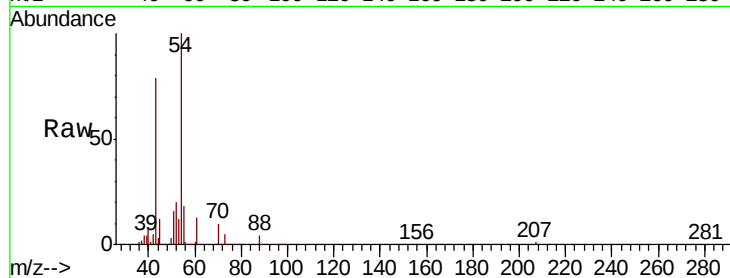




#37
 Ethyl Acetate
 Concen: 65.534 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

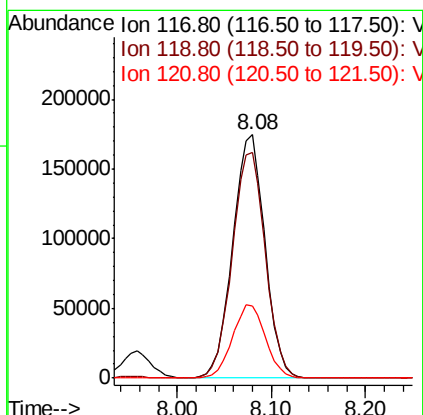
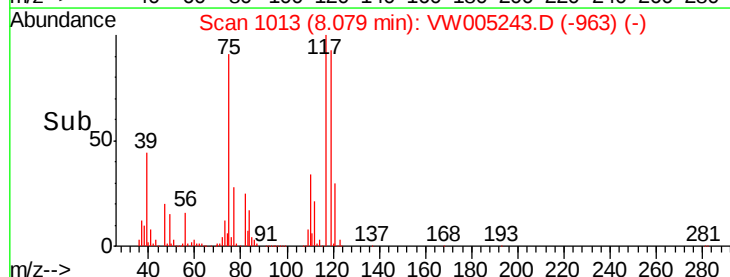
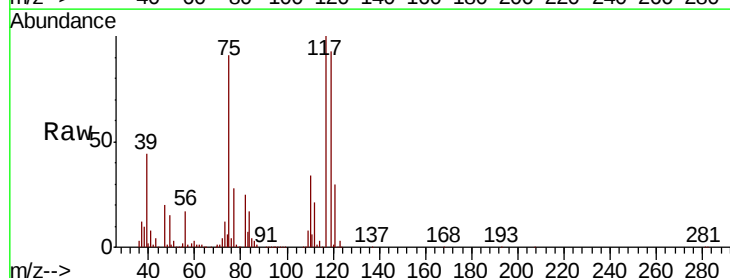
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

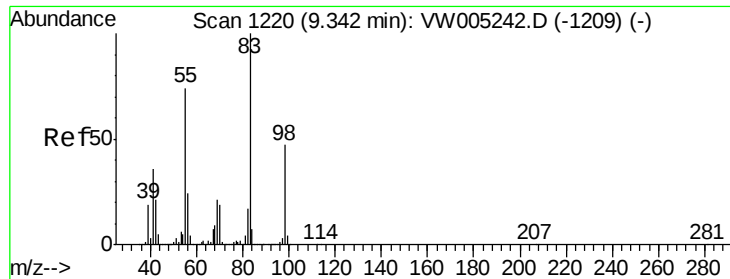
Tgt Ion: 43 Resp: 160458
 Ion Ratio Lower Upper
 43 100
 61 15.2 12.3 18.5
 70 11.7 9.5 14.3



#38
 Carbon Tetrachloride
 Concen: 68.881 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 117 Resp: 415357
 Ion Ratio Lower Upper
 117 100
 119 92.6 77.5 116.3
 121 29.7 24.7 37.1

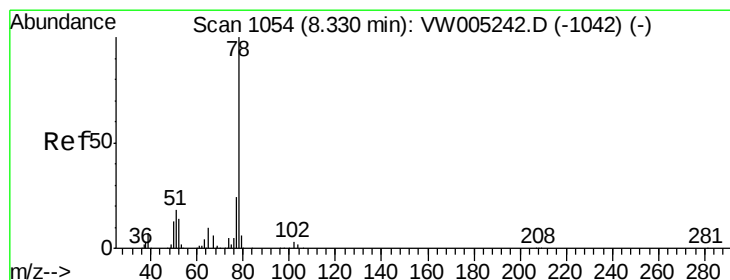
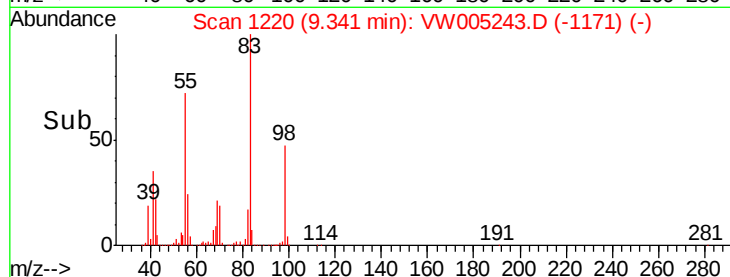
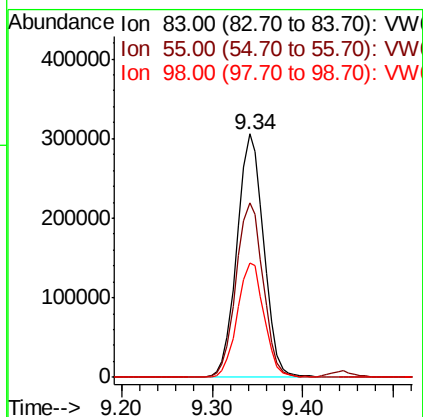
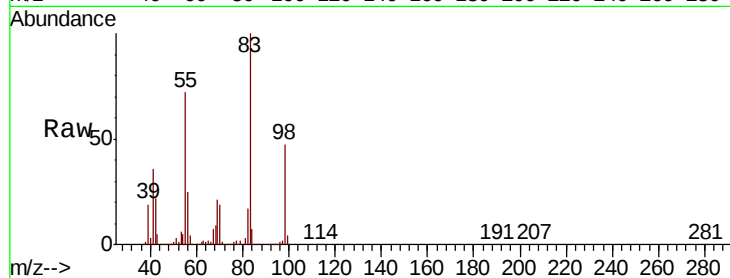




#39
Methylcyclohexane
Concen: 73.082 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

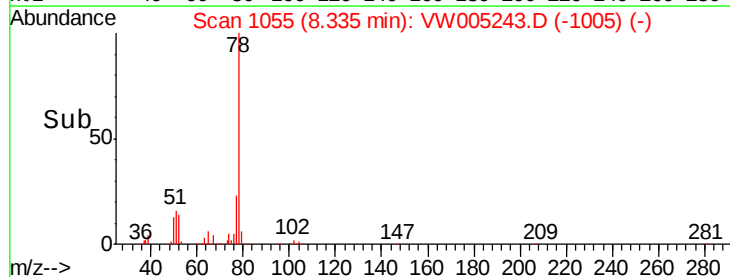
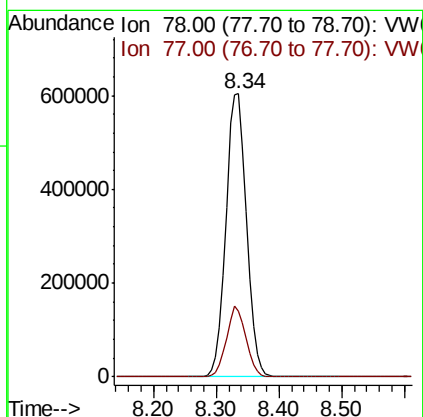
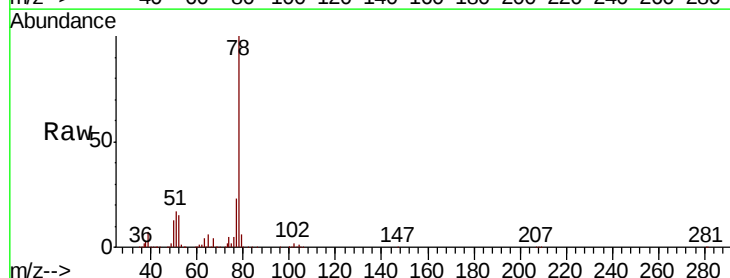
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

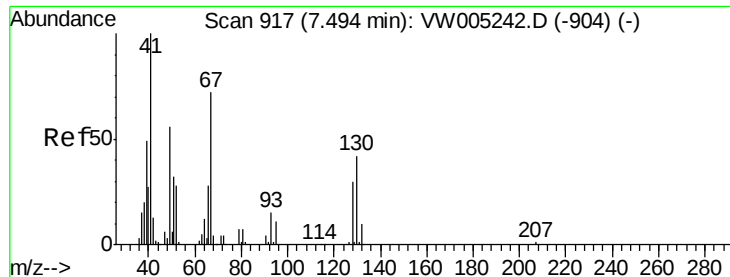
Tgt Ion: 83 Resp: 624618
Ion Ratio Lower Upper
83 100
55 71.7 58.9 88.3
98 47.1 37.6 56.4



#40
Benzene
Concen: 72.172 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 78 Resp: 1368731
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

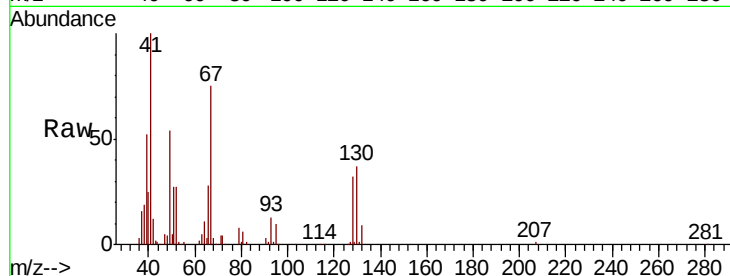




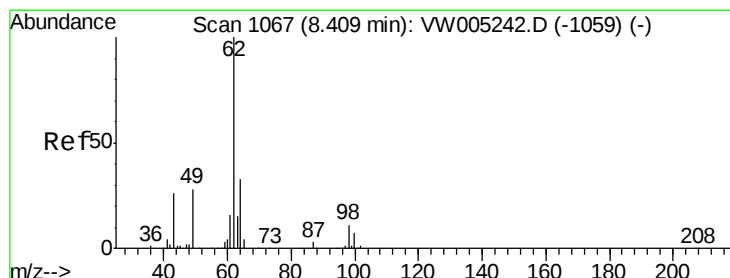
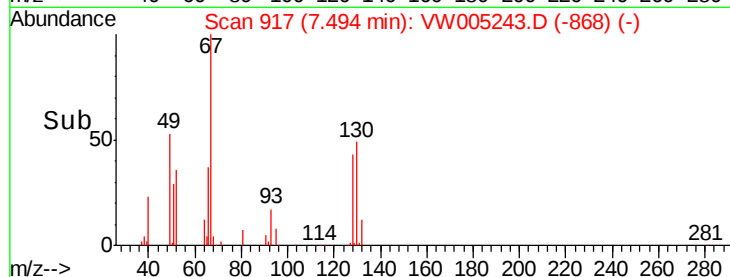
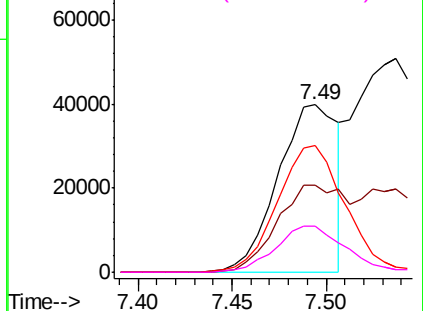
#41
Methacrylonitrile
Concen: 69.907 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	87816
Ion	Ratio	Lower	Upper
41	100		
39	59.7	39.9	59.9
67	85.5	65.7	98.5
52	32.4	25.1	37.7

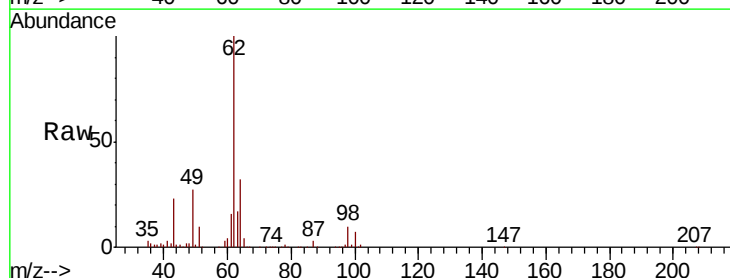


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

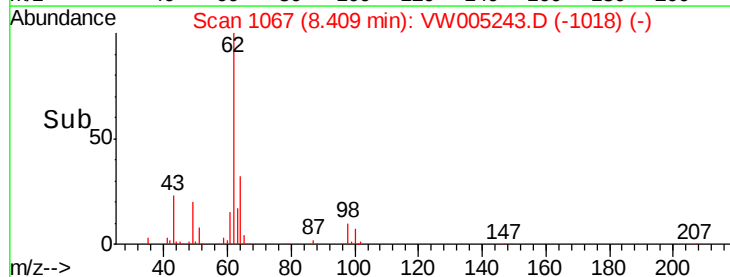
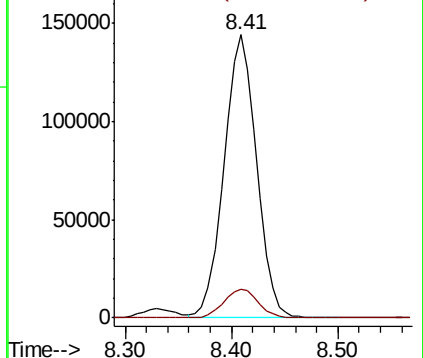


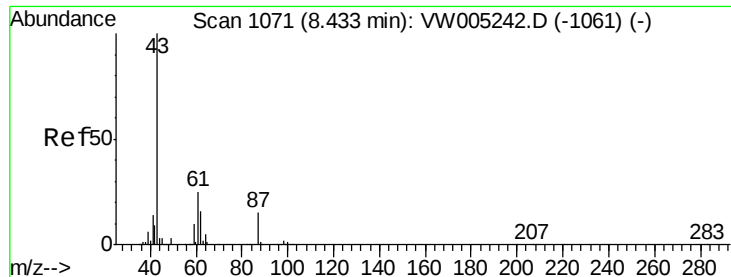
#42
1,2-Dichloroethane
Concen: 67.728 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion:	62	Resp:	307285
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.0



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





#43

Isopropyl Acetate

Concen: 71.235 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

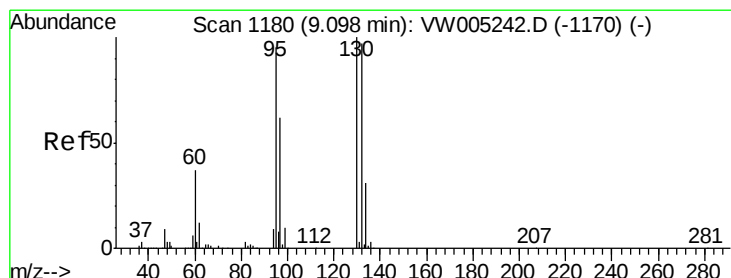
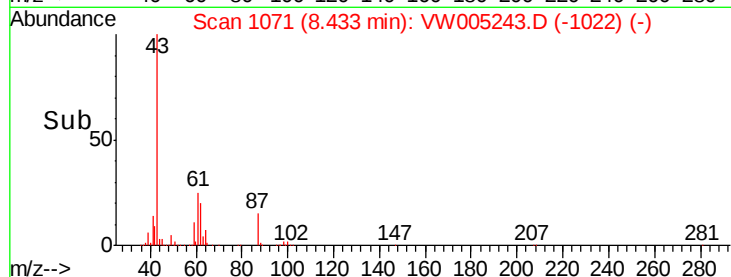
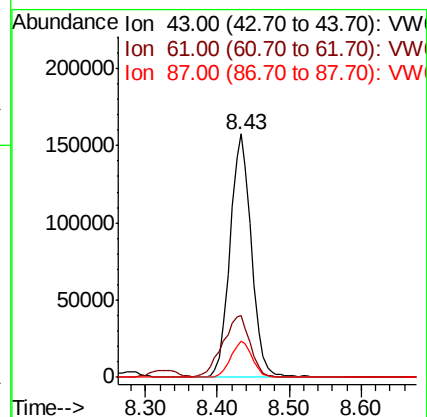
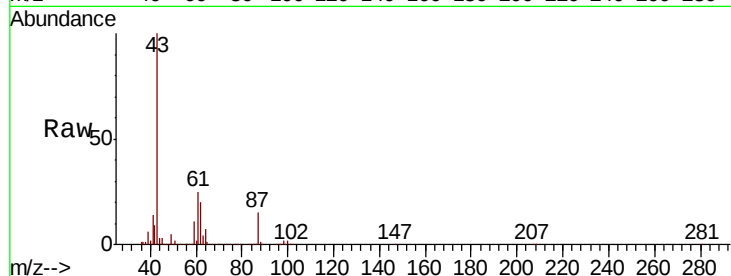
Tgt Ion: 43 Resp: 323891

Ion Ratio Lower Upper

43 100

61 32.8 25.4 38.0

87 15.2 11.9 17.9



#44

Trichloroethene

Concen: 72.139 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005243.D

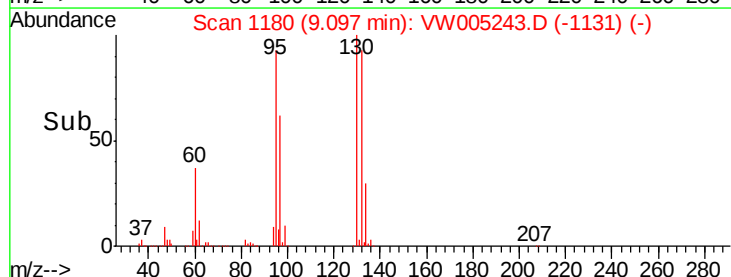
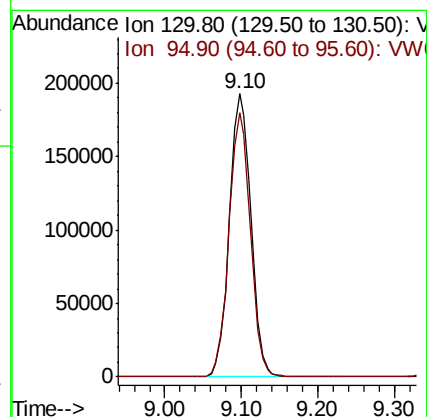
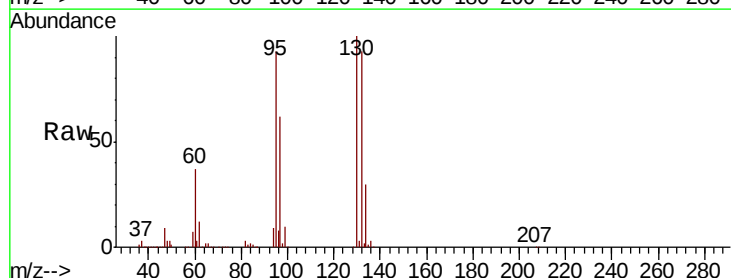
Acq: 10 Sep 2018 15:49

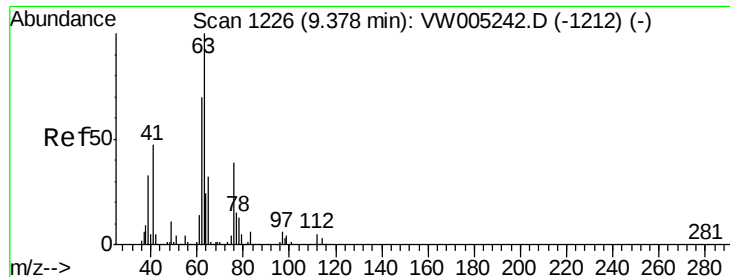
Tgt Ion: 130 Resp: 375319

Ion Ratio Lower Upper

130 100

95 93.2 0.0 189.6





#45

1,2-Dichloropropane

Concen: 72.891 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

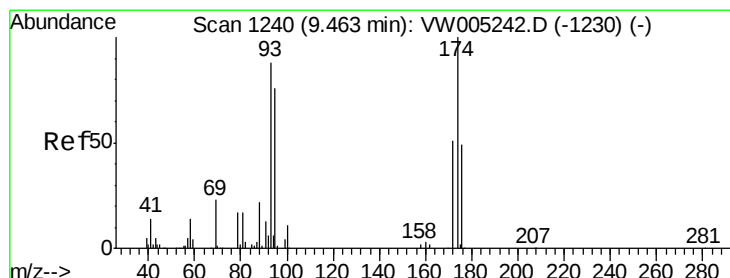
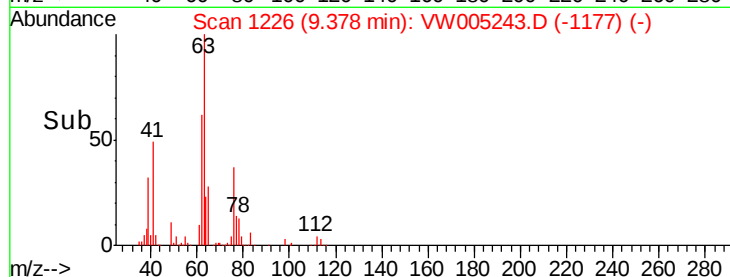
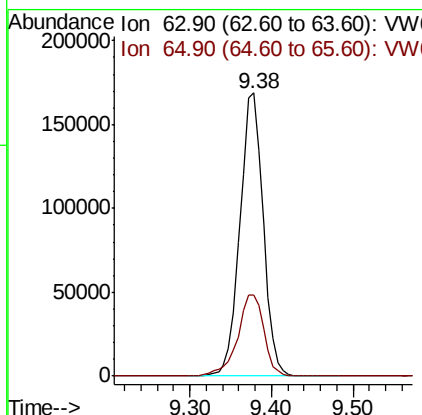
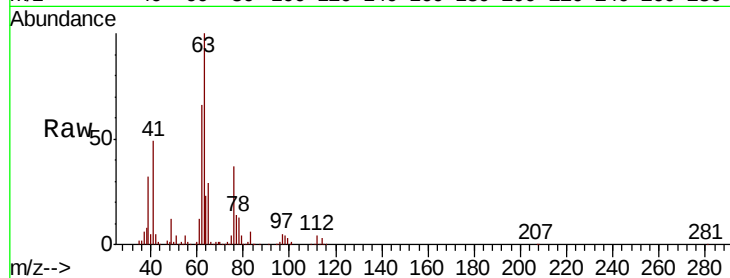
VSTDIC075

Tgt Ion: 63 Resp: 332270

Ion Ratio Lower Upper

63 100

65 28.6 25.4 38.2



#46

Dibromomethane

Concen: 67.746 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

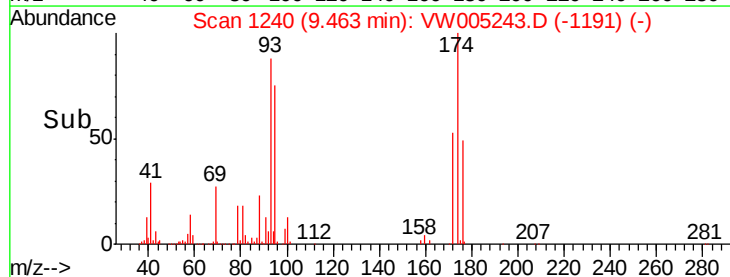
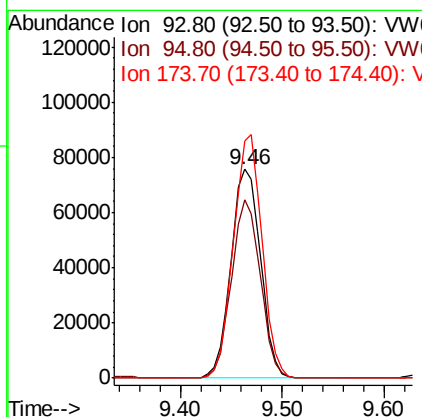
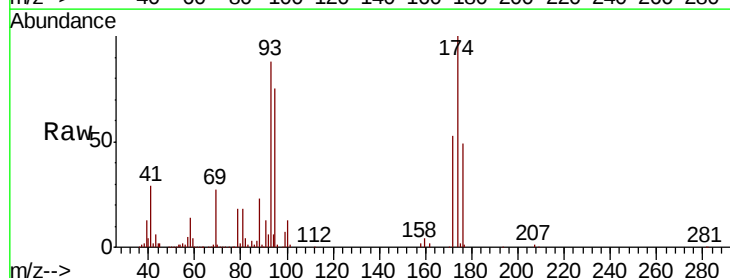
Tgt Ion: 93 Resp: 151161

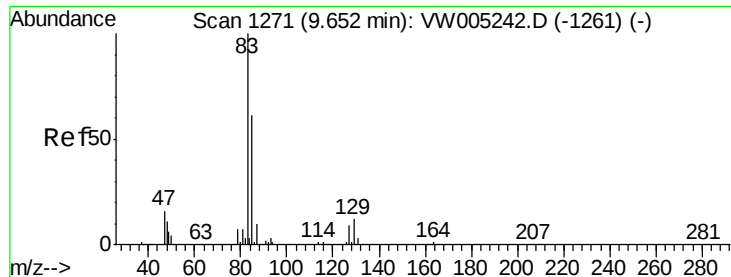
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

174 113.3 92.2 138.2





#47

Bromodichloromethane

Concen: 68.770 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

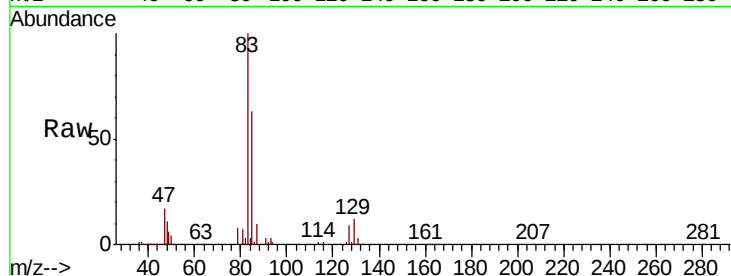
Tgt Ion: 83 Resp: 375366

Ion Ratio Lower Upper

83 100

85 63.5 49.0 73.6

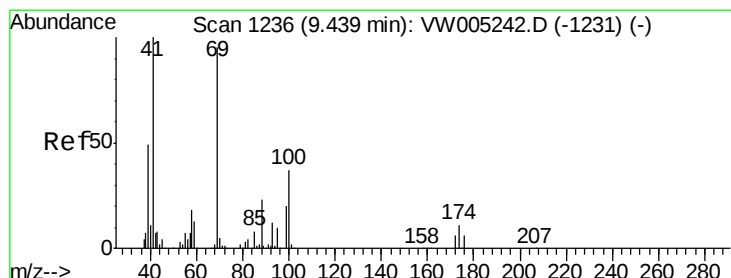
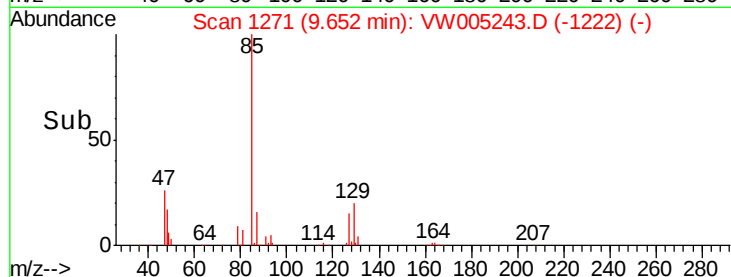
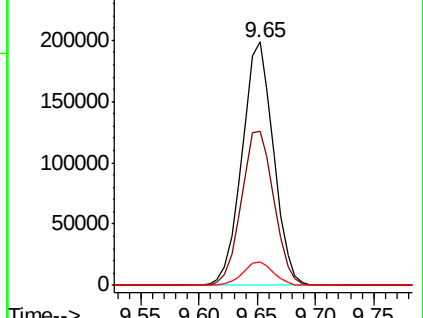
127 9.4 7.0 10.4



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: 70.562 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

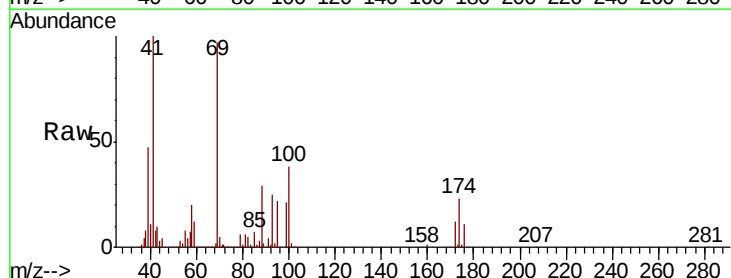
Tgt Ion: 41 Resp: 166588

Ion Ratio Lower Upper

41 100

69 99.9 74.6 112.0

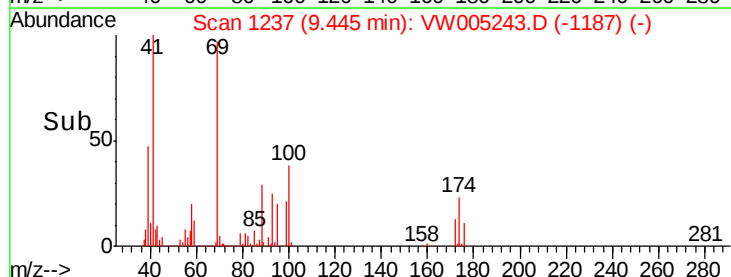
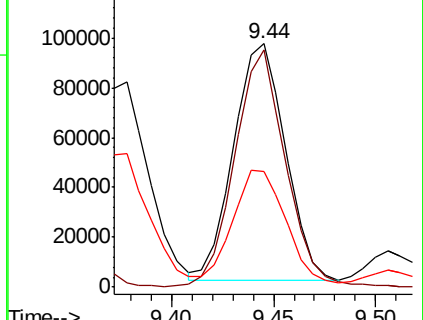
39 48.4 36.7 55.1

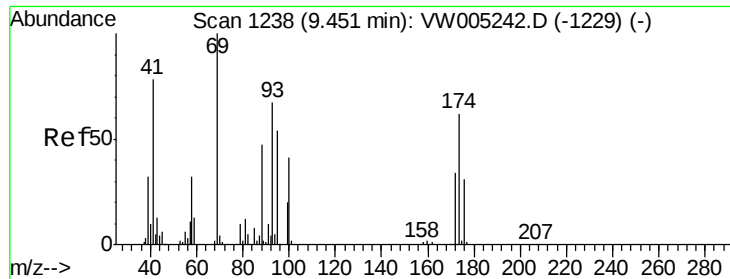


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1465.804 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

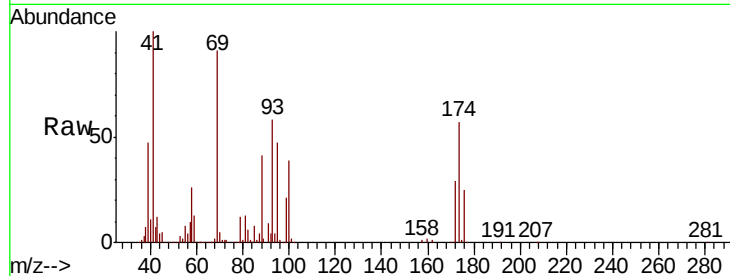
Tgt Ion: 88 Resp: 61064

Ion Ratio Lower Upper

88 100

43 29.0 22.7 34.1

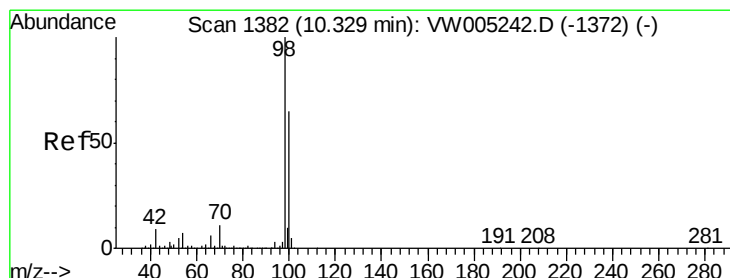
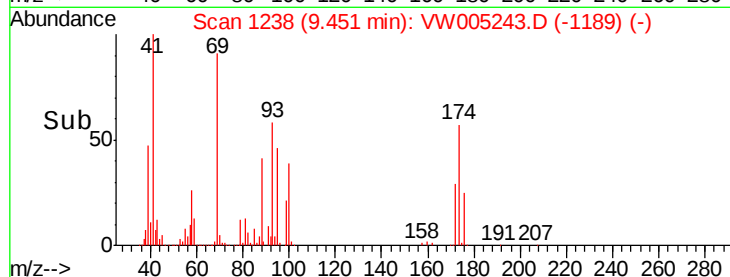
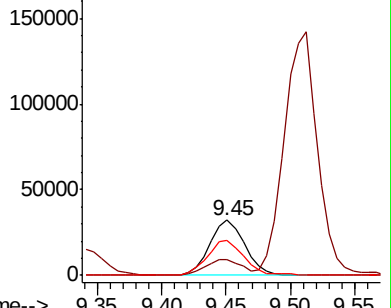
58 67.2 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 75.856 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005243.D

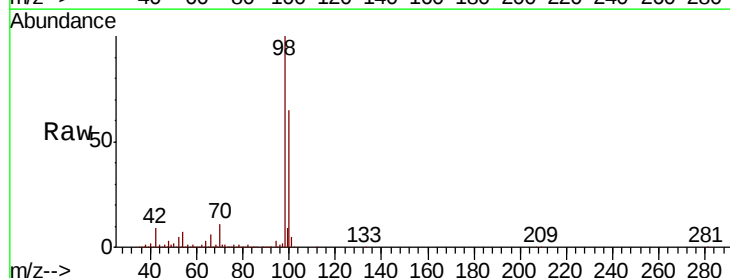
Acq: 10 Sep 2018 15:49

Tgt Ion: 98 Resp: 1410814

Ion Ratio Lower Upper

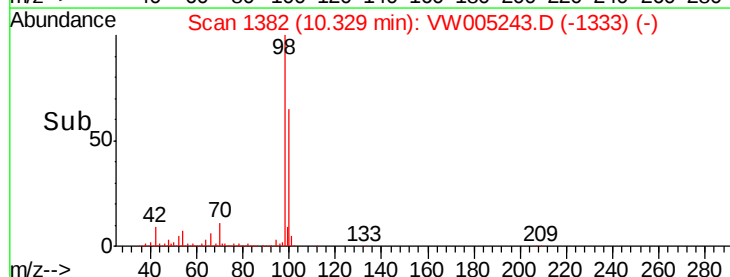
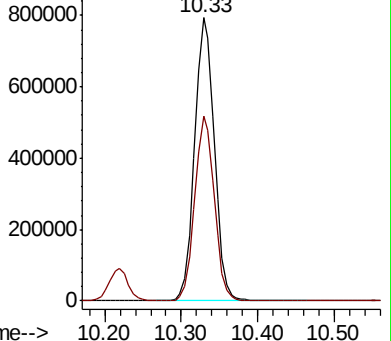
98 100

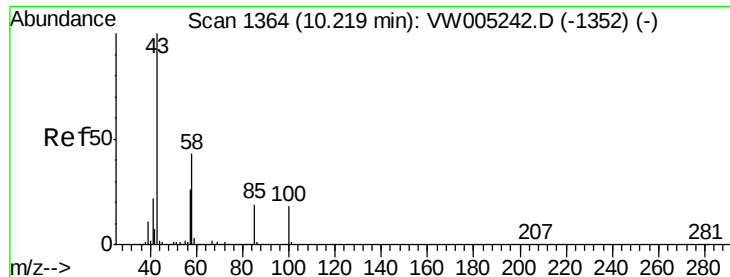
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

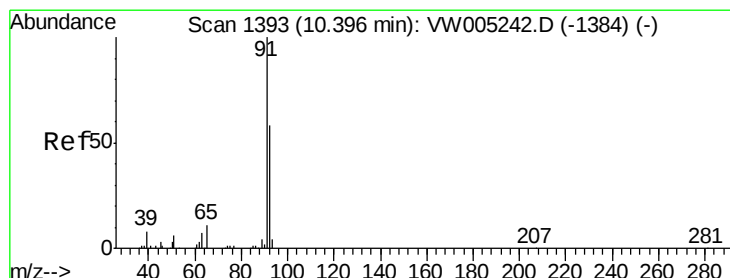
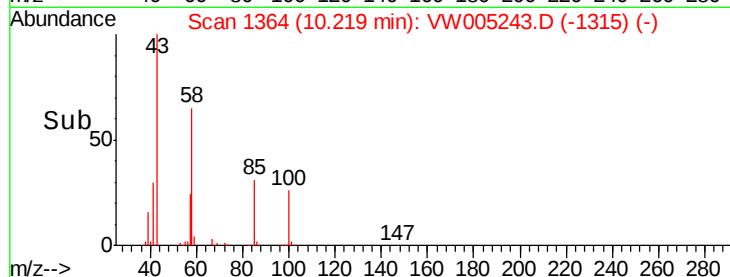
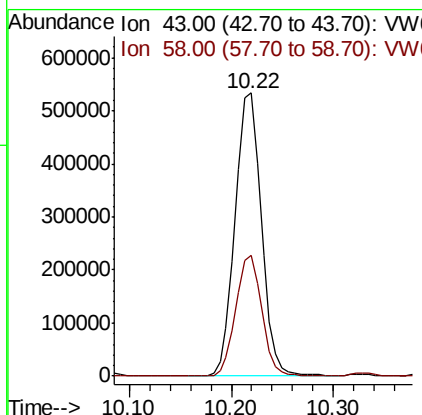
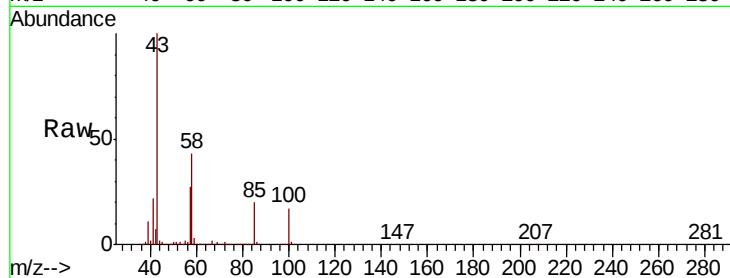




#51
 4-Methyl-2-Pentanone
 Concen: 372.166 ug/l
 RT: 10.22 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

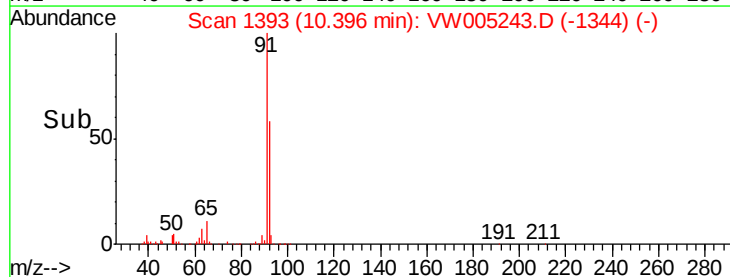
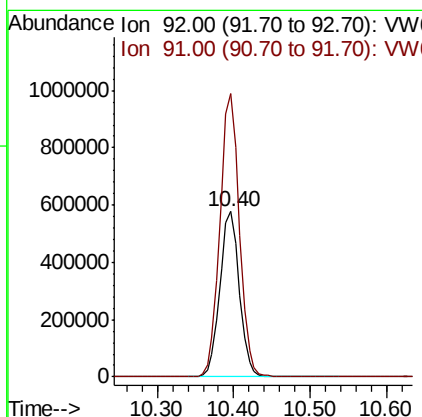
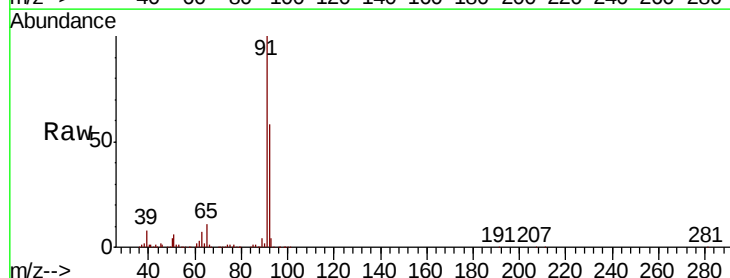
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

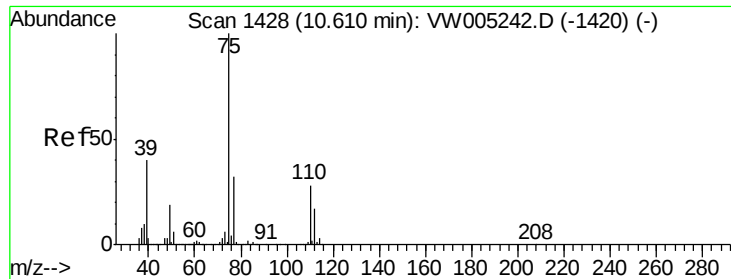
Tgt Ion: 43 Resp: 952265
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.8 50.6



#52
 Toluene
 Concen: 73.636 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 92 Resp: 1014956
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 75.696 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

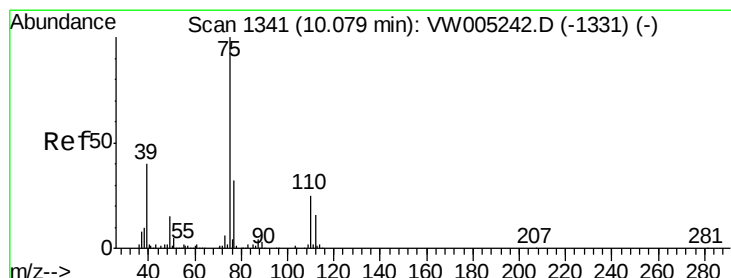
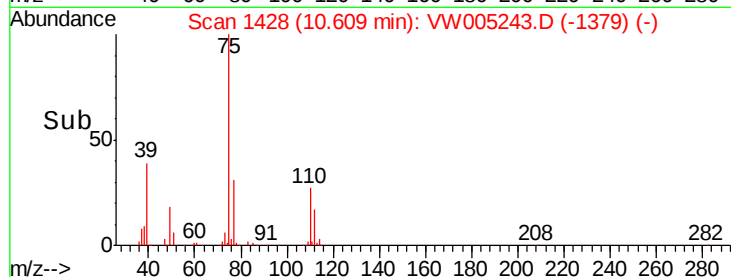
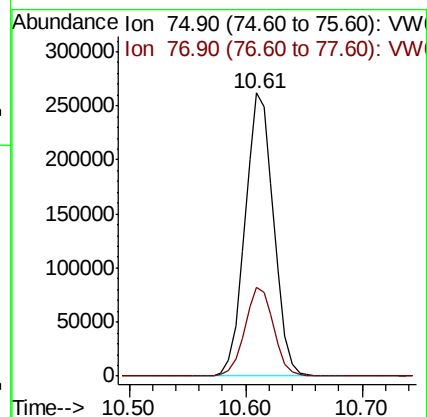
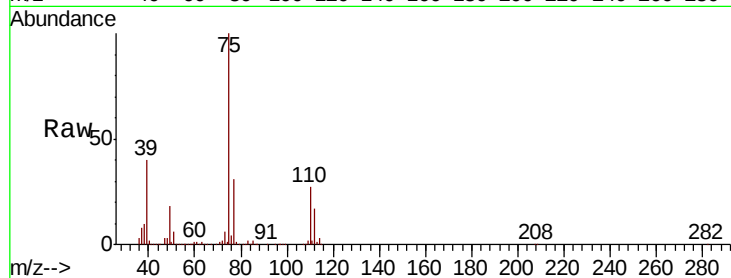
VSTDIC075

Tgt Ion: 75 Resp: 446521

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 74.272 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

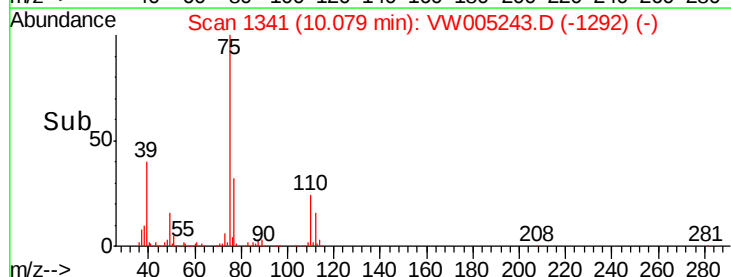
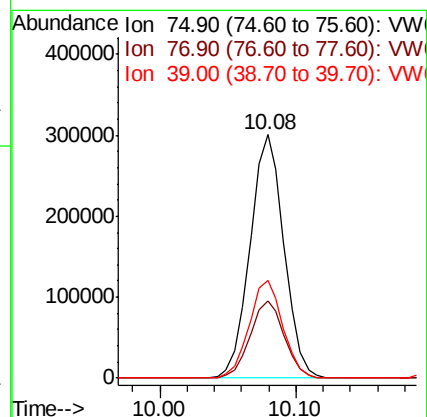
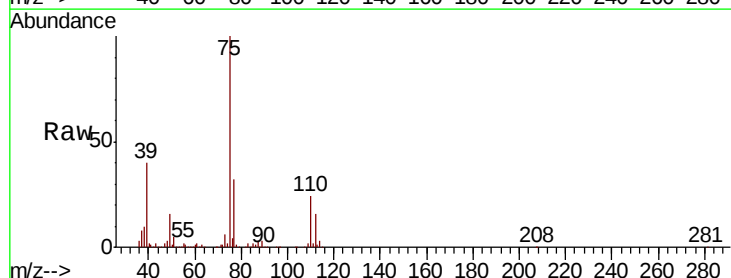
Tgt Ion: 75 Resp: 524659

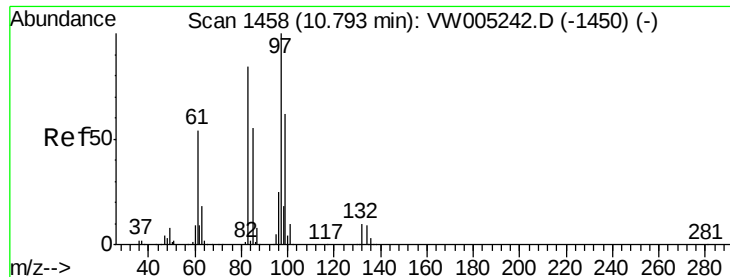
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 40.1 31.8 47.6

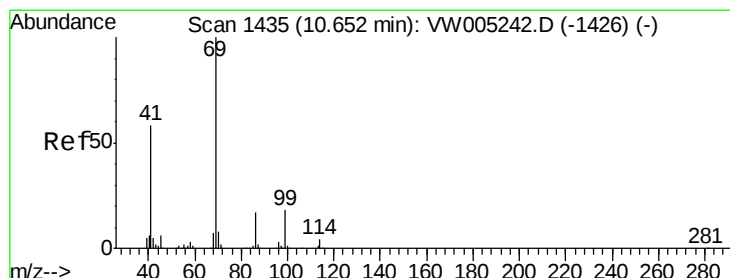
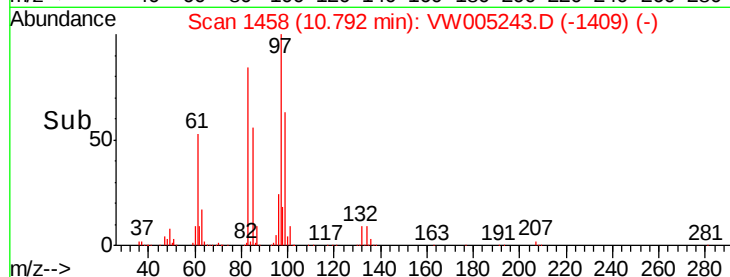
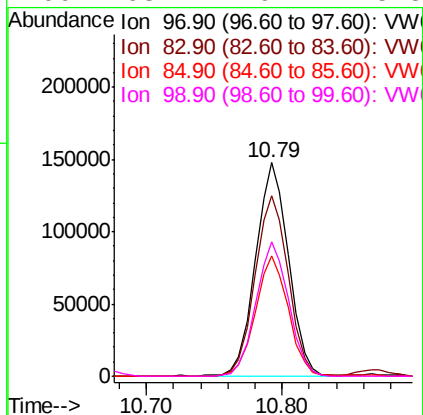
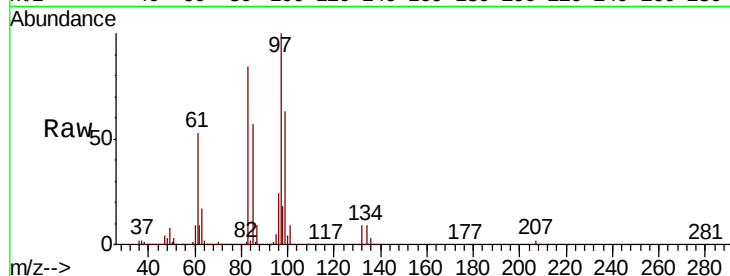




#55
 1,1,2-Trichloroethane
 Concen: 70.520 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

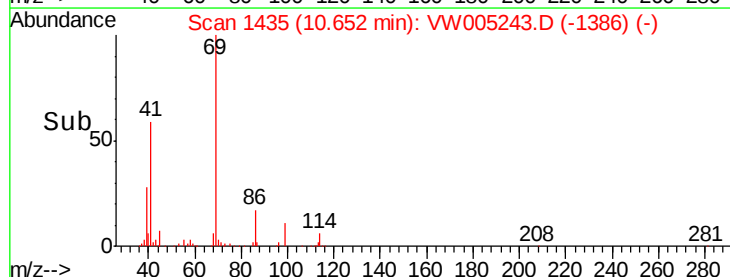
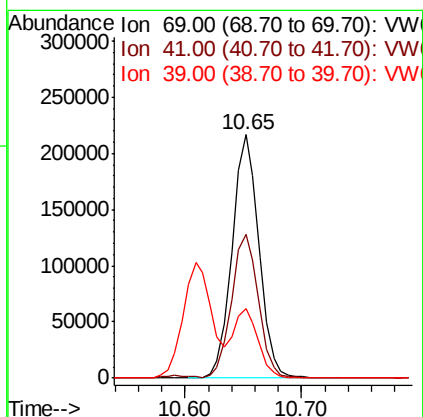
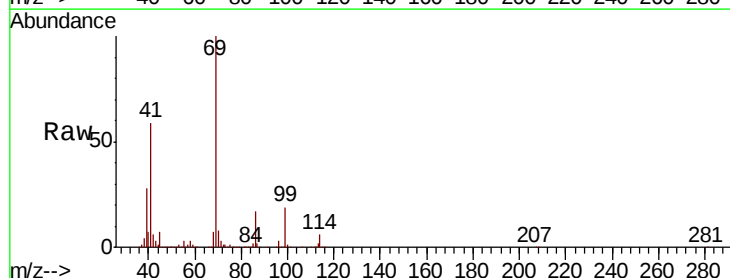
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

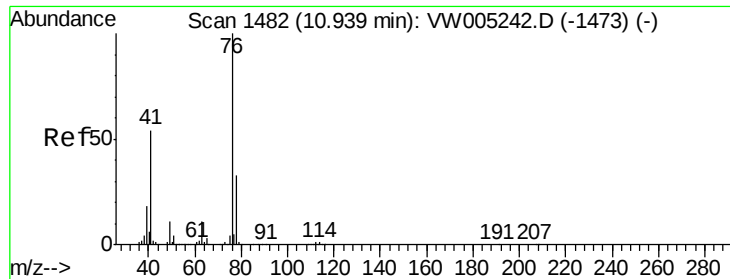
Tgt Ion:	97	Resp:	250887
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.2	100.8
85	56.5	44.4	66.6
99	63.1	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 77.060 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion:	69	Resp:	347566
Ion	Ratio	Lower	Upper
69	100		
41	59.0	48.7	73.1
39	26.1	20.9	31.3





#57

1,3-Dichloropropane

Concen: 71.706 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

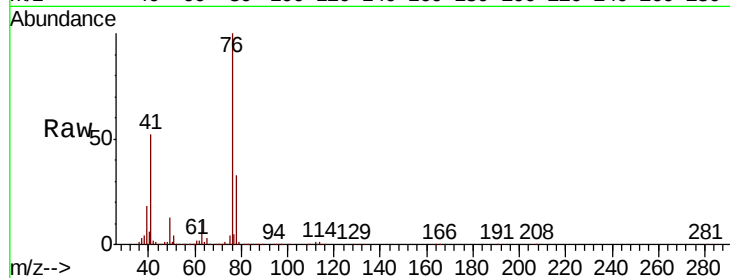
VSTDIC075

Tgt Ion: 76 Resp: 423615

Ion Ratio Lower Upper

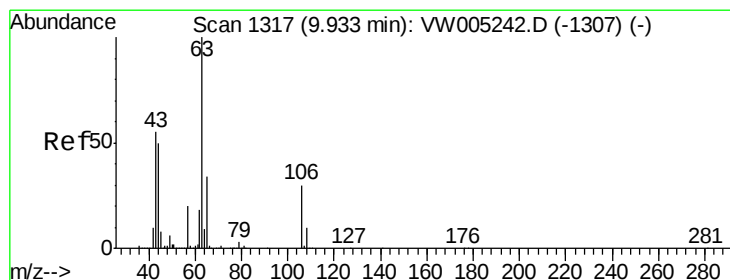
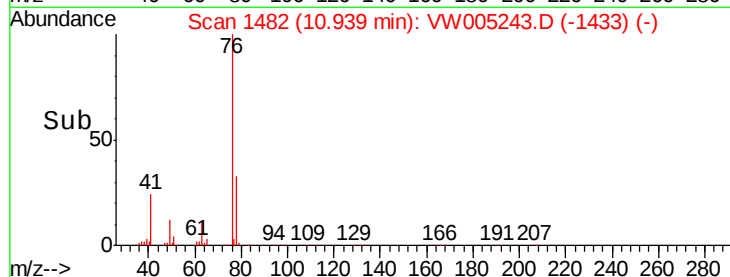
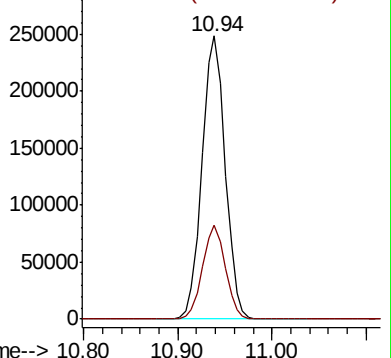
76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 390.645 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005243.D

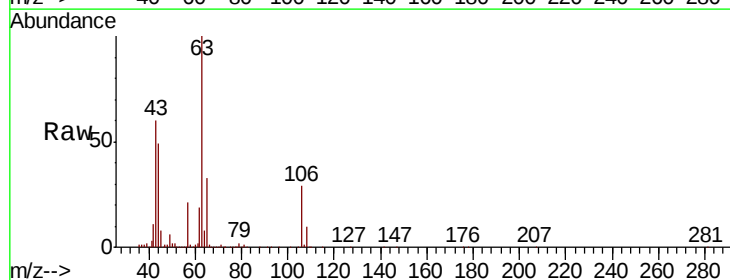
Acq: 10 Sep 2018 15:49

Tgt Ion: 63 Resp: 765806

Ion Ratio Lower Upper

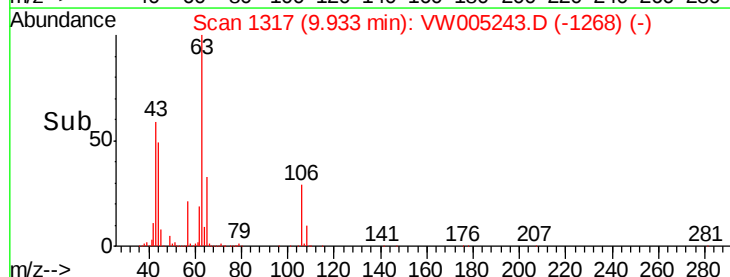
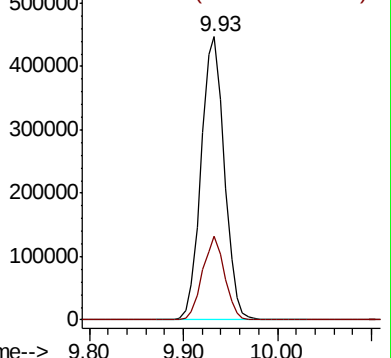
63 100

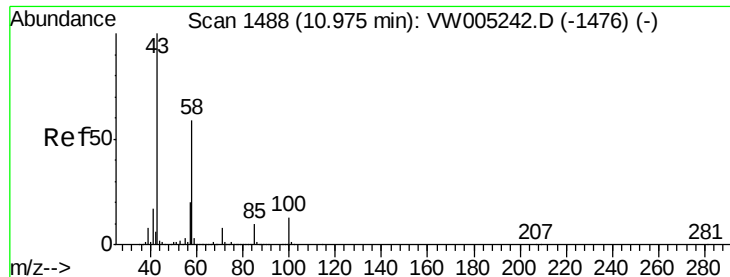
106 28.2 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

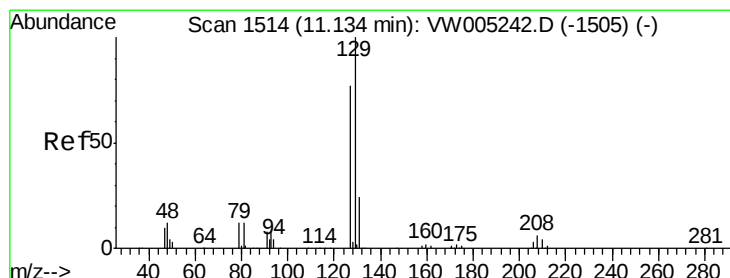
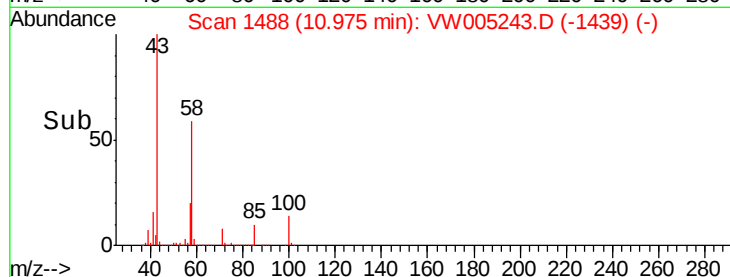
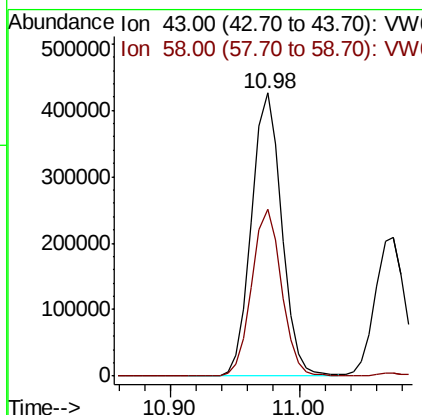
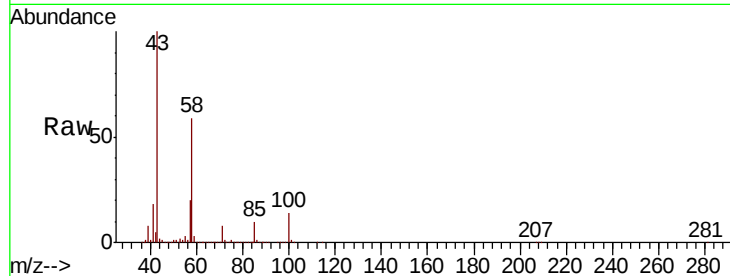




#59
2-Hexanone
Concen: 373.043 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

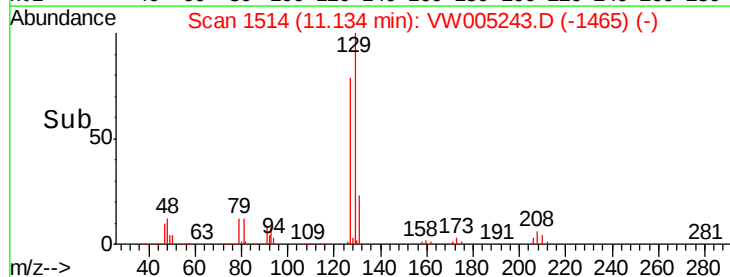
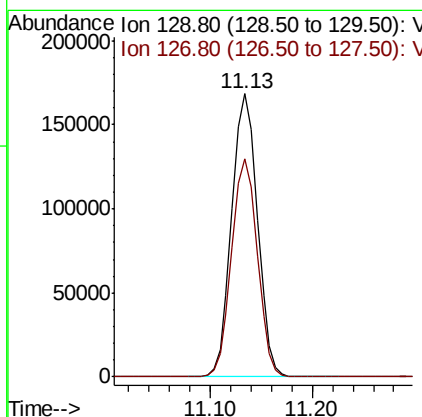
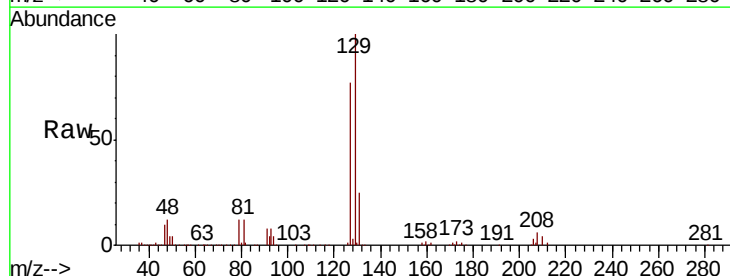
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

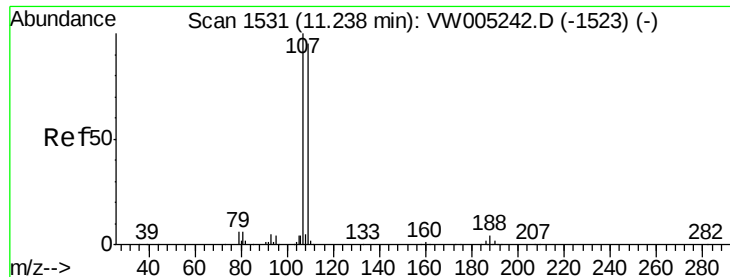
Tgt Ion: 43 Resp: 688125
Ion Ratio Lower Upper
43 100
58 58.5 29.3 87.9



#60
Dibromochloromethane
Concen: 74.566 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion: 129 Resp: 294361
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

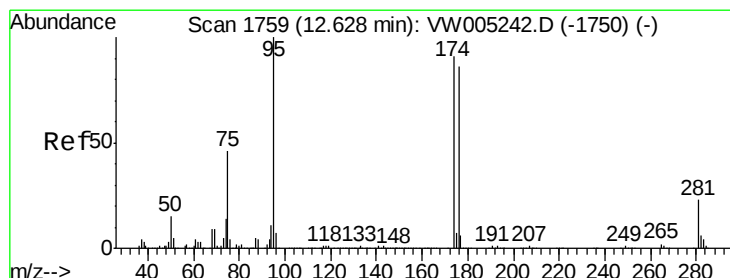
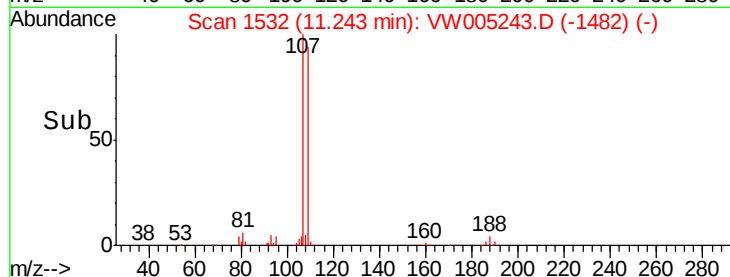
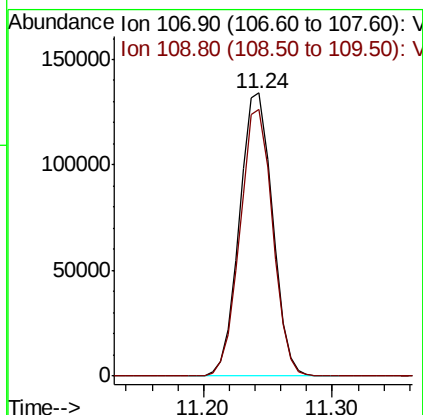
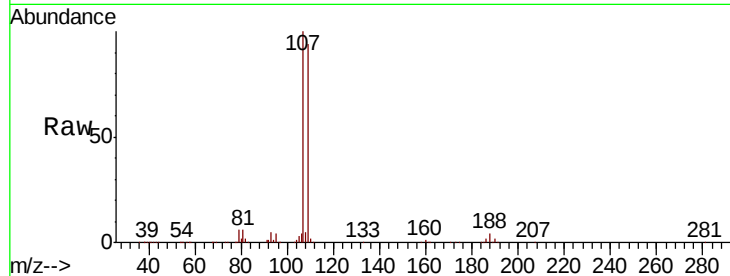




#61
 1,2-Dibromoethane
 Concen: 72.954 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

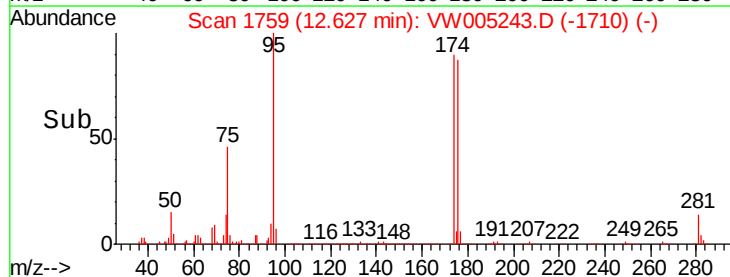
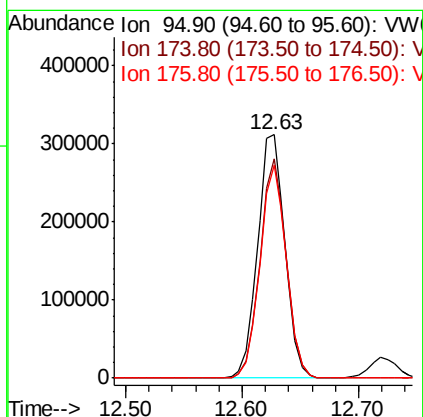
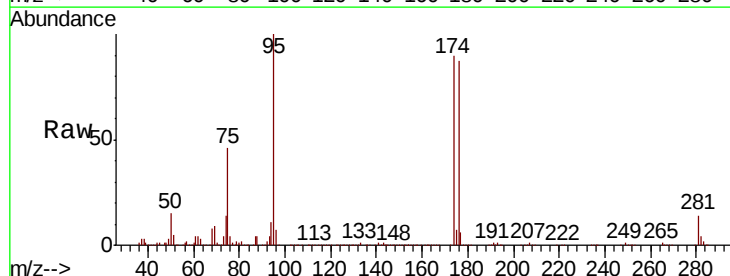
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

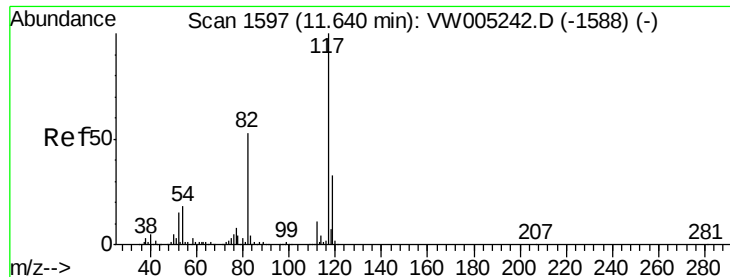
Tgt Ion: 107 Resp: 238014
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 74.940 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 95 Resp: 509806
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 174.6
 176 84.3 0.0 167.6

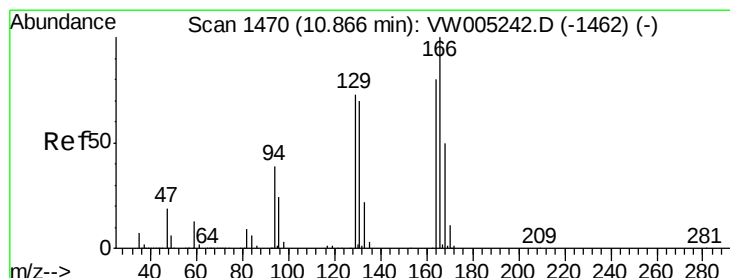
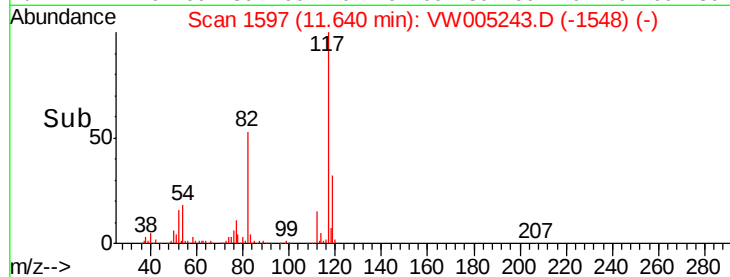
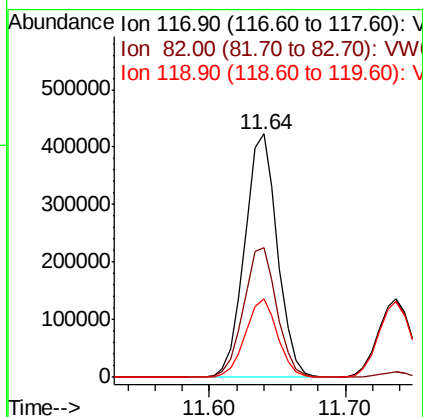
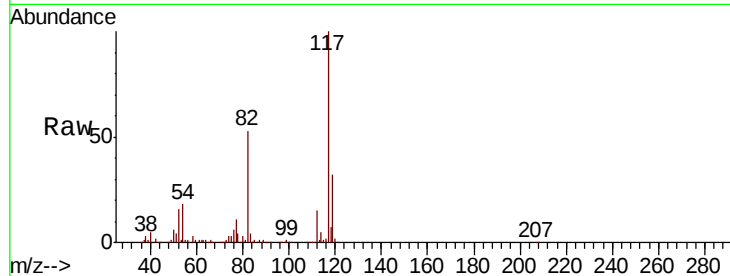




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

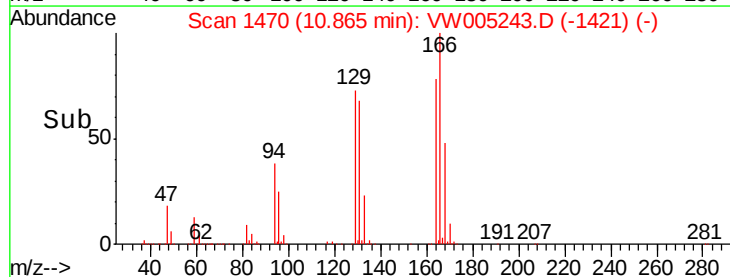
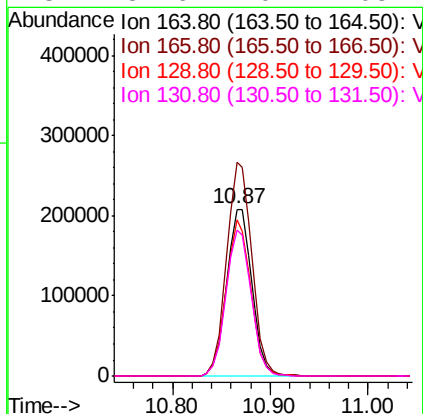
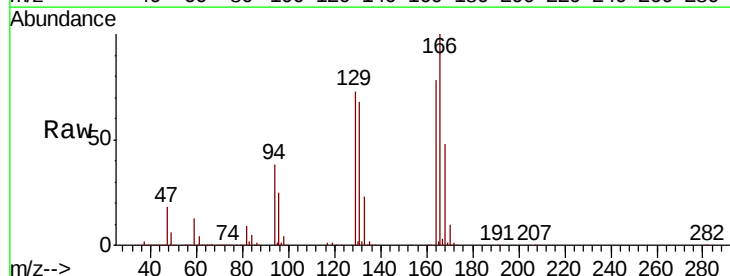
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

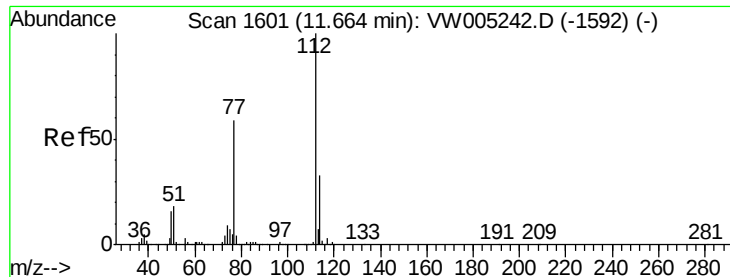
Tgt Ion:117 Resp: 711862
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 70.659 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion:164 Resp: 373179
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 94.0 73.2 109.8
131 87.6 70.2 105.4

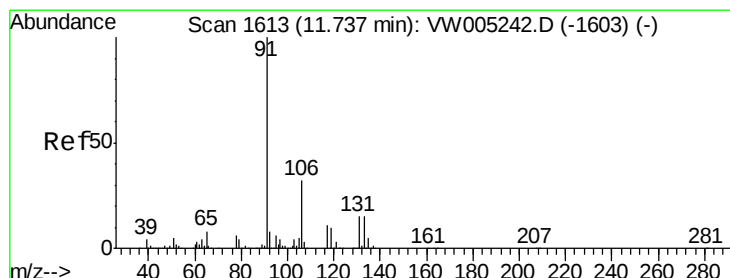
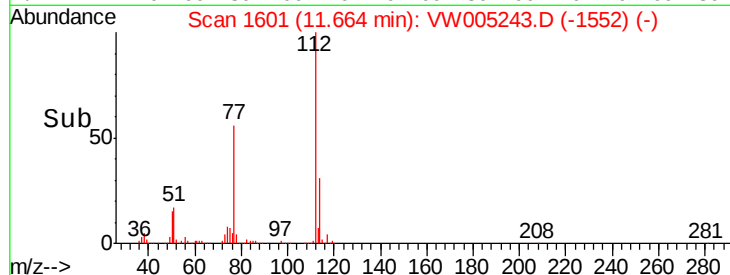
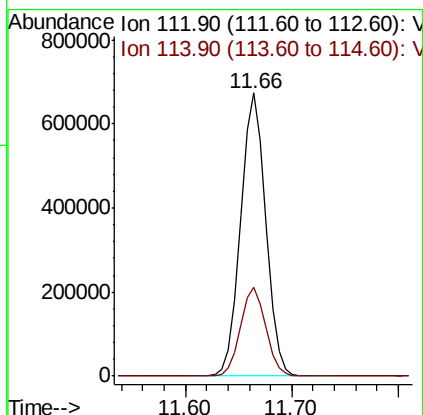
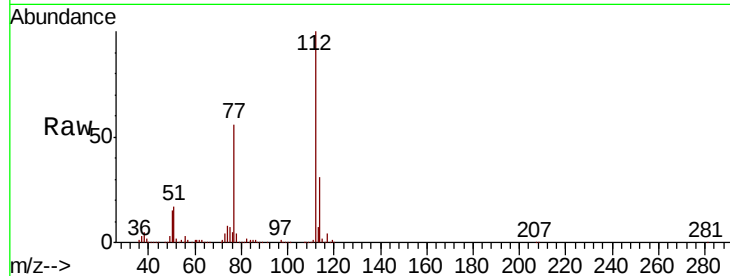




#65
Chlorobenzene
Concen: 71.750 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

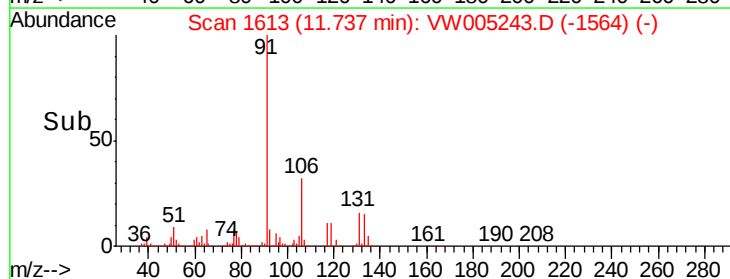
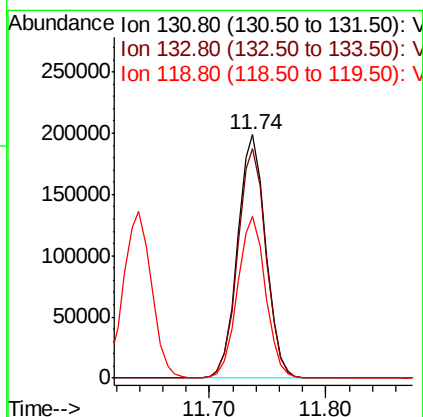
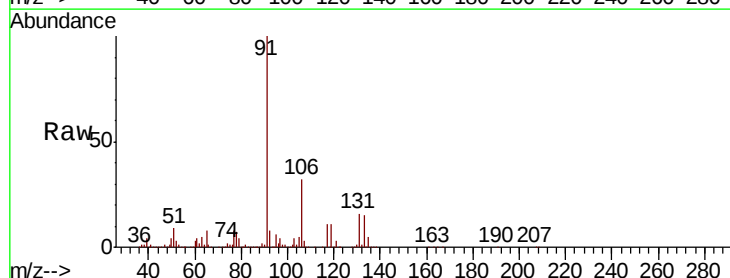
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

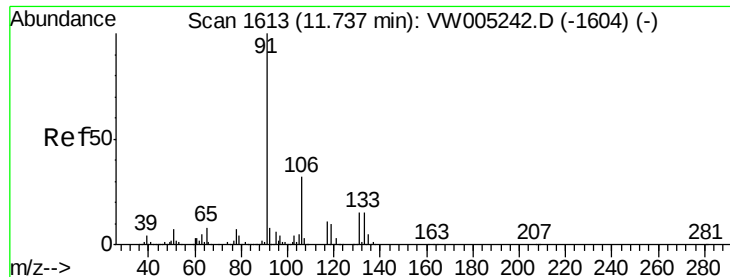
Tgt Ion:112 Resp: 1118880
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 71.806 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion:131 Resp: 334339
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 66.3 33.4 100.1





#67

Ethyl Benzene

Concen: 73.099 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

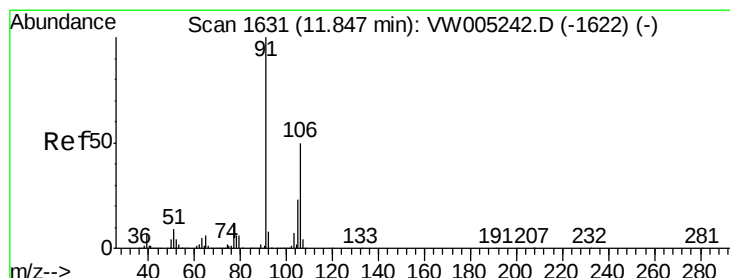
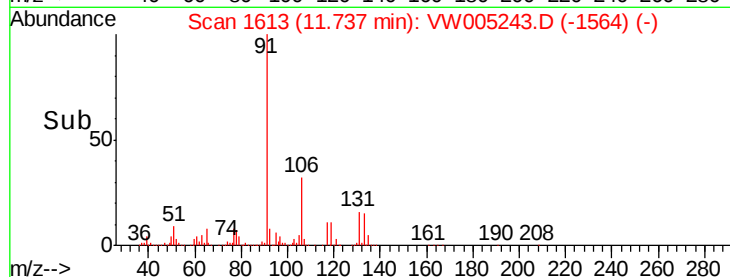
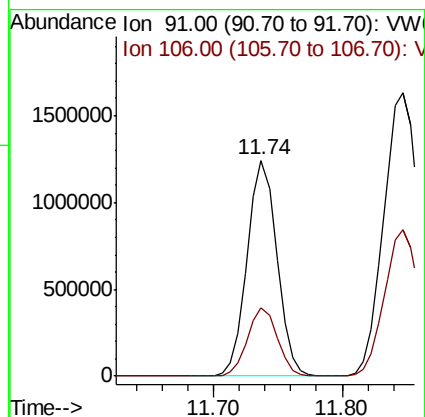
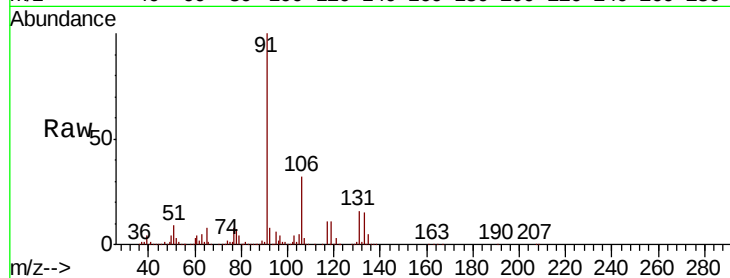
VSTDIC075

Tgt Ion: 91 Resp: 1985159

Ion Ratio Lower Upper

91 100

106 31.8 25.6 38.4



#68

m/p-Xylenes

Concen: 144.958 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005243.D

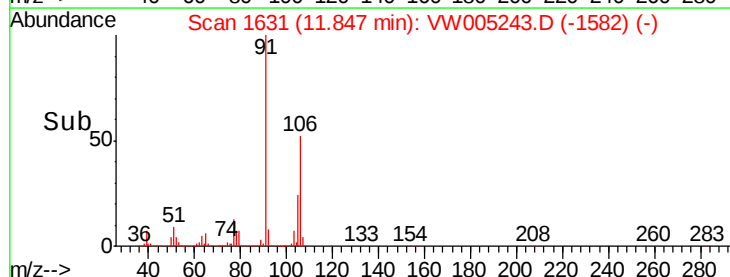
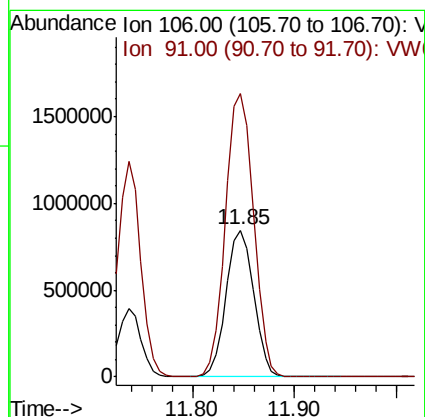
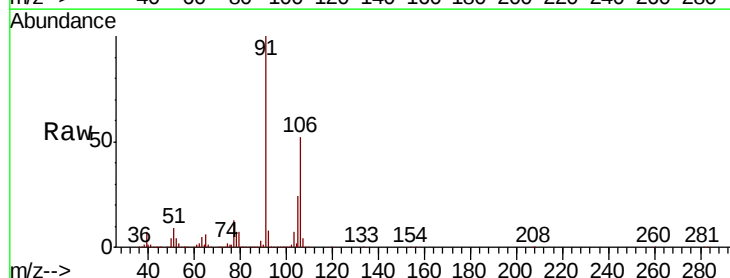
Acq: 10 Sep 2018 15:49

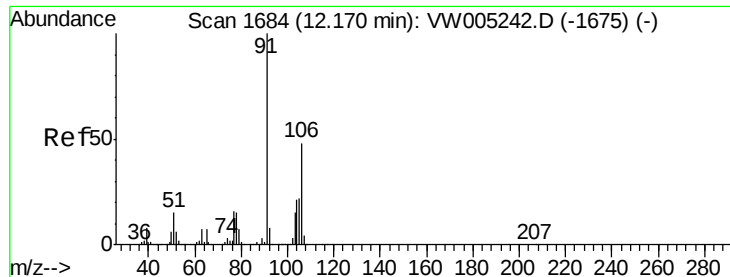
Tgt Ion: 106 Resp: 1586369

Ion Ratio Lower Upper

106 100

91 197.4 160.2 240.2

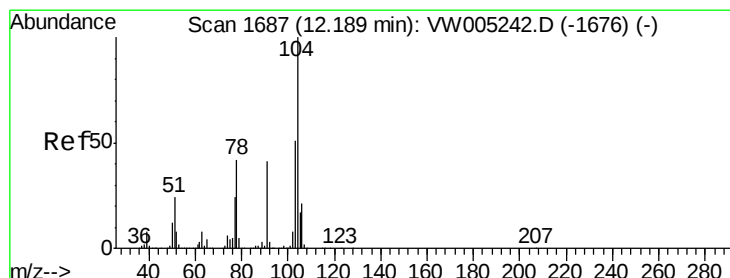
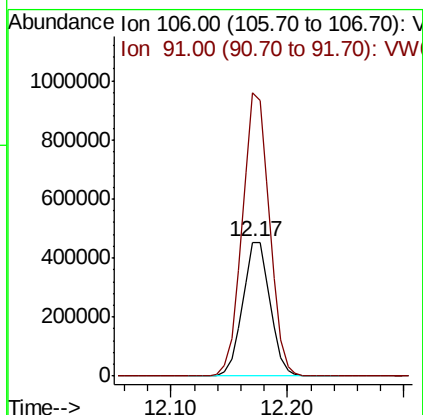
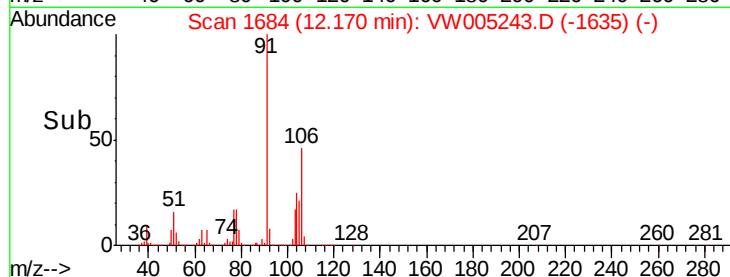
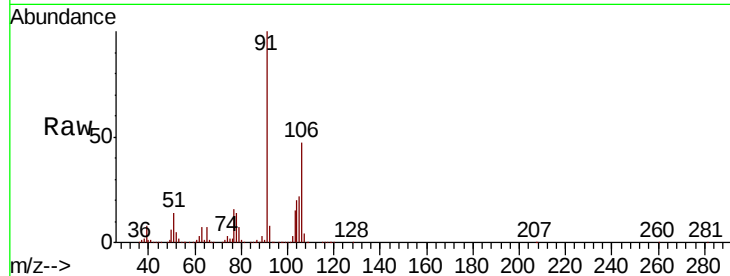




#69
o-Xylene
Concen: 73.438 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

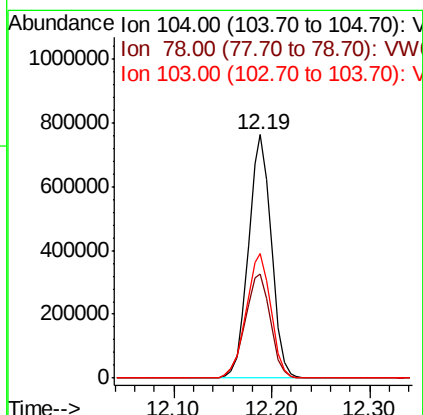
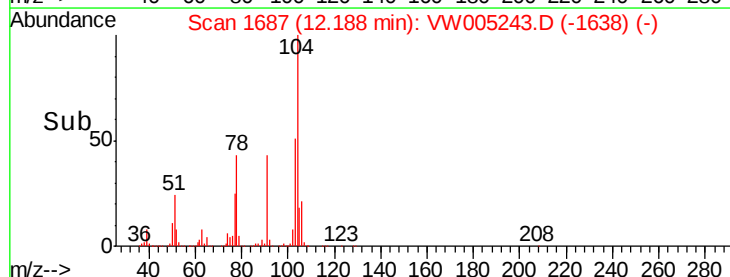
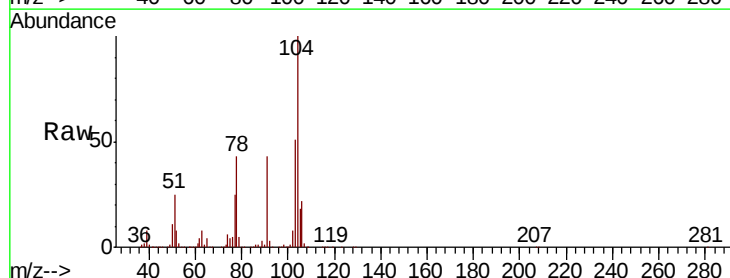
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

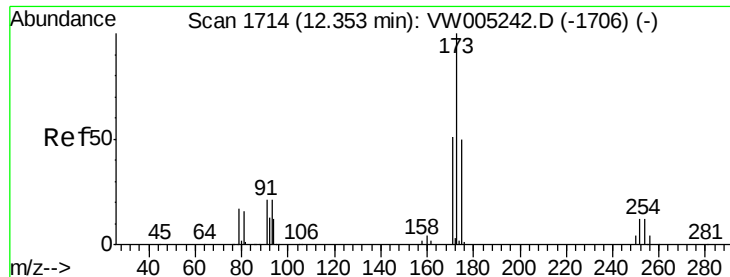
Tgt Ion:106 Resp: 747722
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.3



#70
Styrene
Concen: 74.147 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion:104 Resp: 1231867
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.2
103 55.4 44.1 66.1

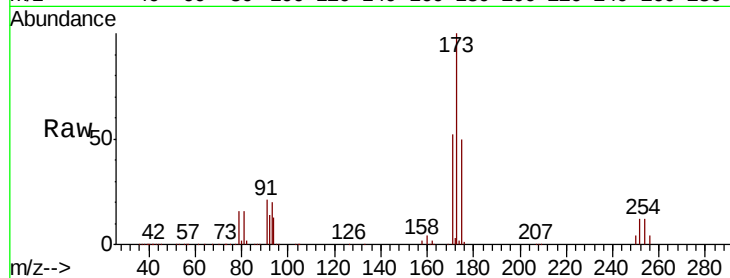




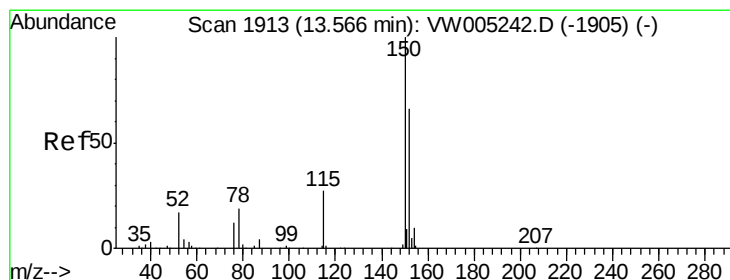
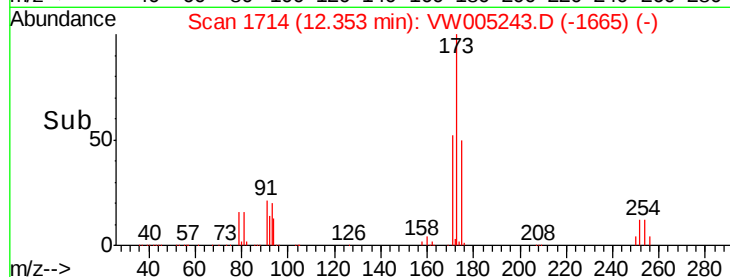
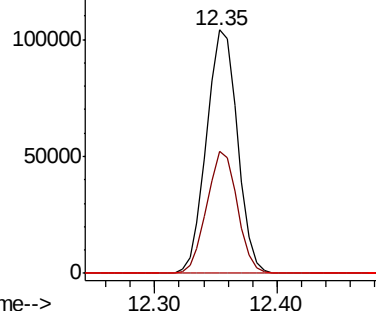
#71
Bromoform
Concen: 72.250 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.0	0.1	0.1#

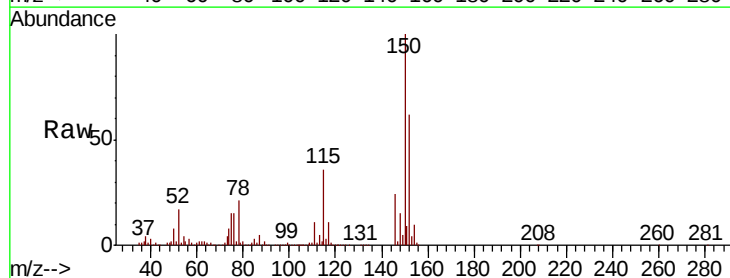


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

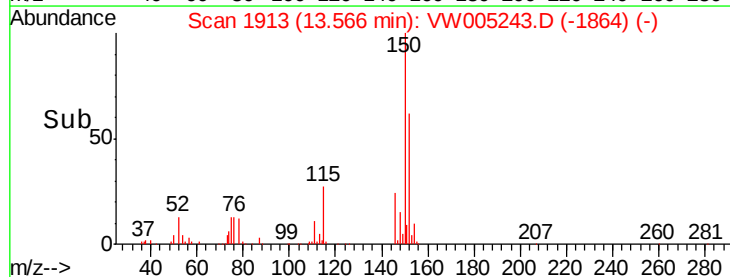
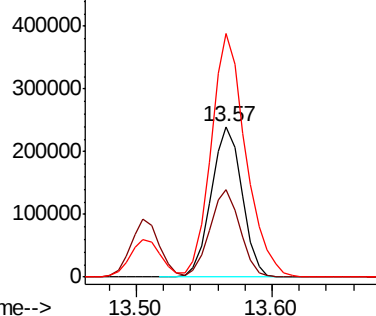


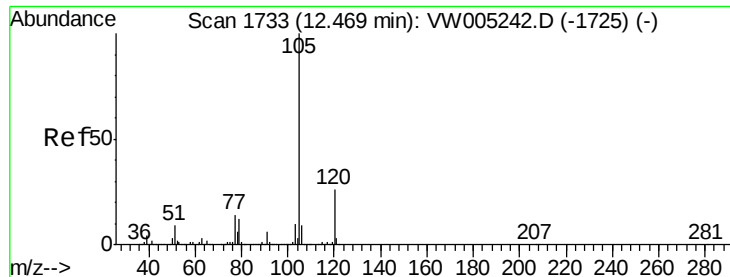
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.5	82.4
150	180.8	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: 75.631 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

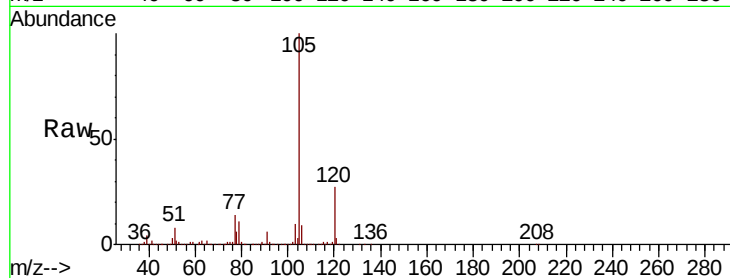
VSTDIC075

Tgt Ion:105 Resp: 2029357

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

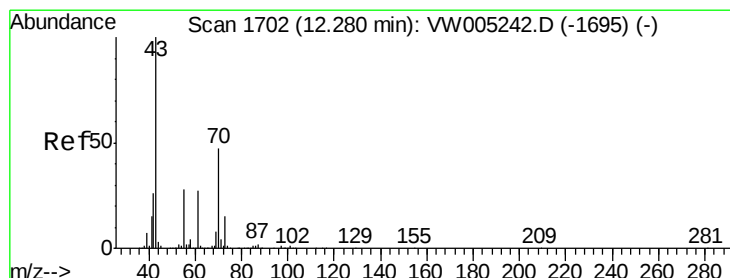
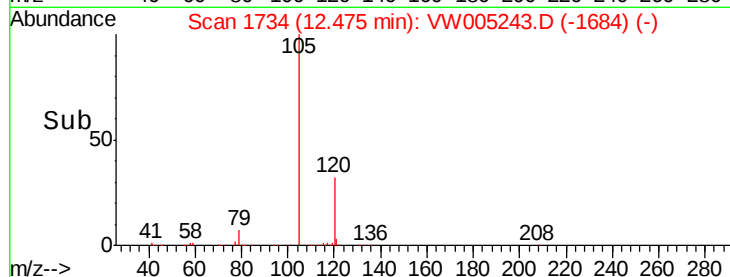
12.47

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 76.497 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Tgt Ion: 43 Resp: 390531

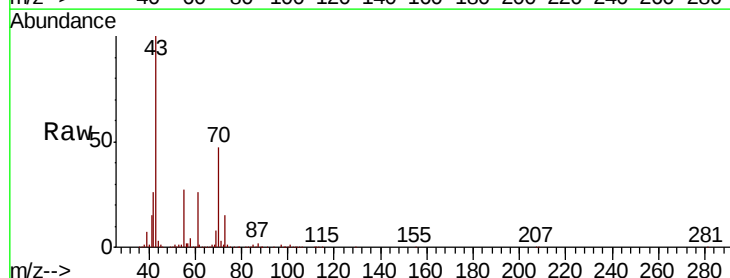
Ion Ratio Lower Upper

43 100

70 46.9 37.9 56.9

55 27.6 22.6 33.8

61 26.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

400000

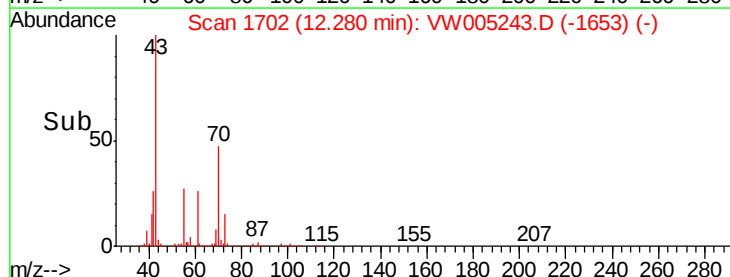
300000

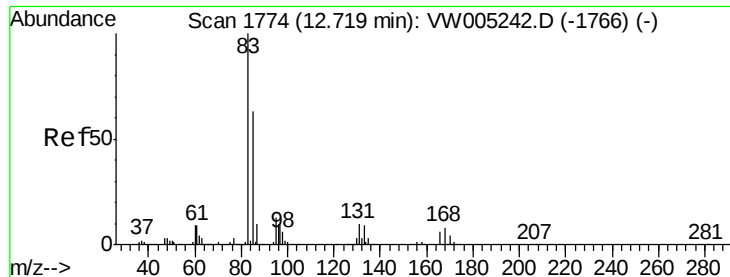
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 70.659 ug/l

RT: 12.72 min Scan# 1775

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

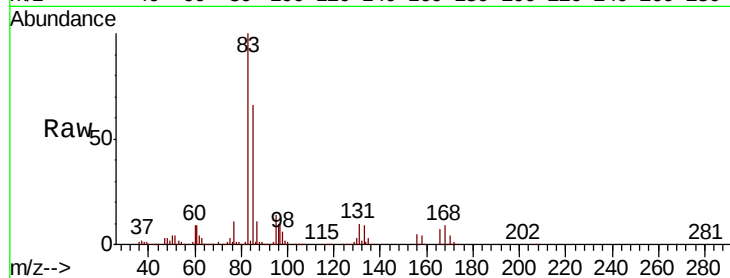
Tgt Ion: 83 Resp: 284936

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

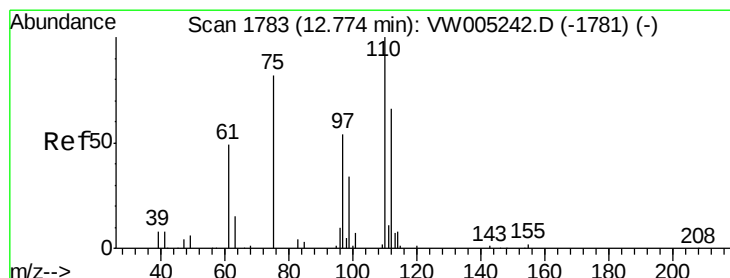
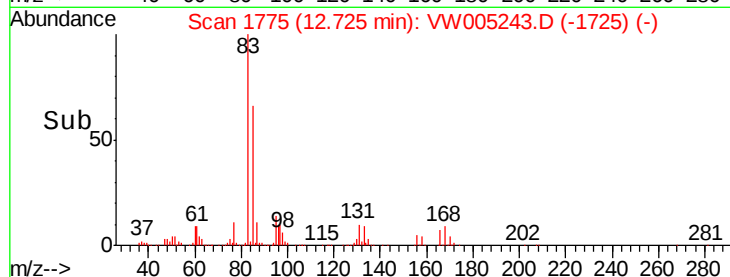
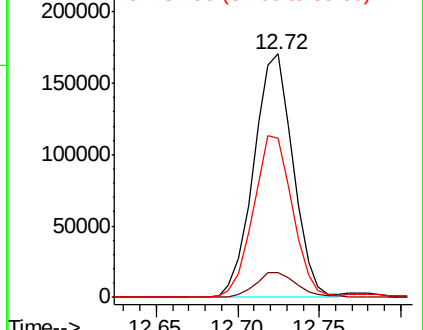
85 66.4 31.6 95.0



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: 79.406 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005243.D

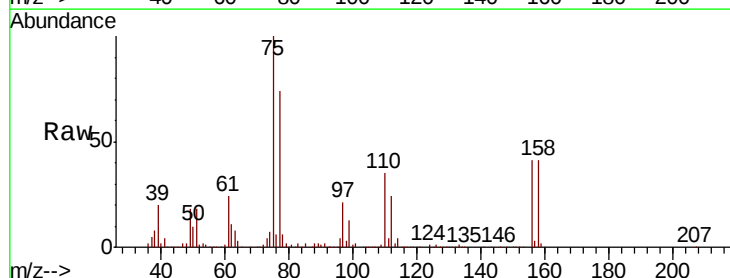
Acq: 10 Sep 2018 15:49

Tgt Ion: 75 Resp: 391678

Ion Ratio Lower Upper

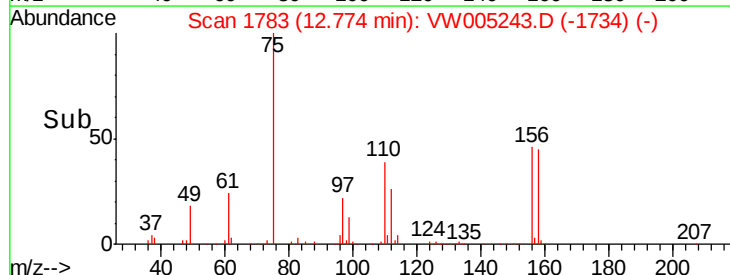
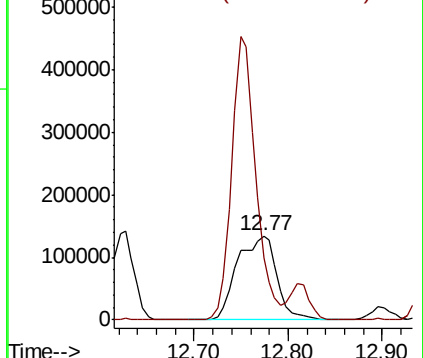
75 100

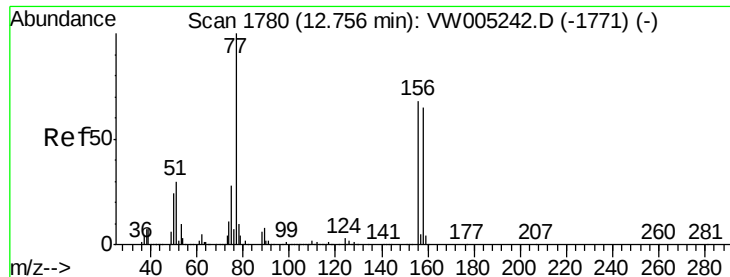
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 73.521 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

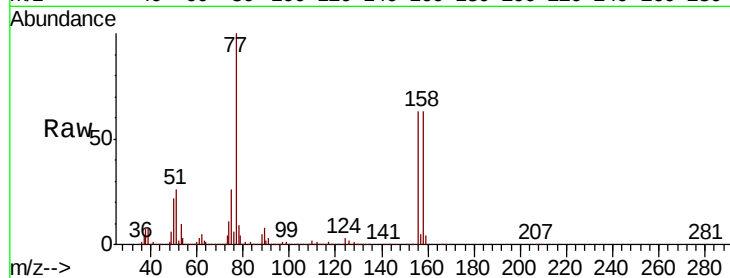
Tgt Ion:156 Resp: 464756

Ion Ratio Lower Upper

156 100

77 173.6 86.3 258.8

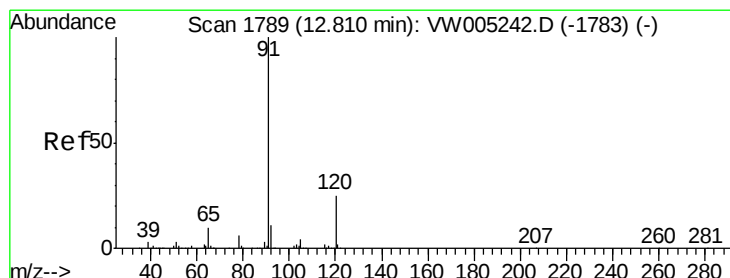
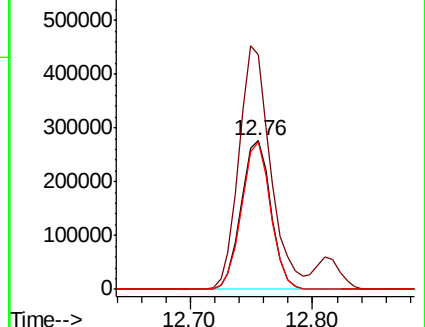
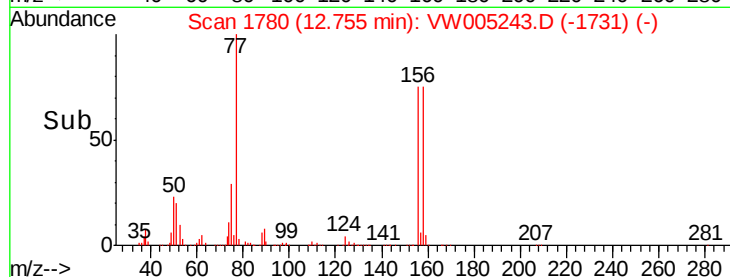
158 97.0 48.6 145.8



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: 73.150 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005243.D

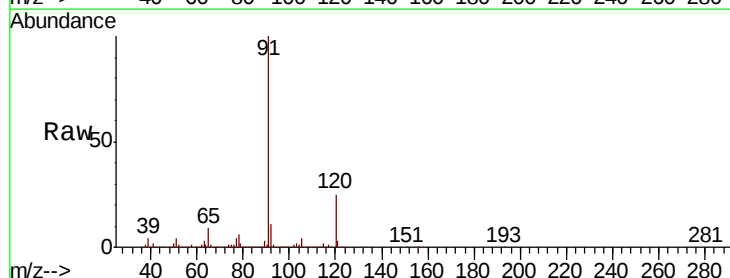
Acq: 10 Sep 2018 15:49

Tgt Ion: 91 Resp: 2357320

Ion Ratio Lower Upper

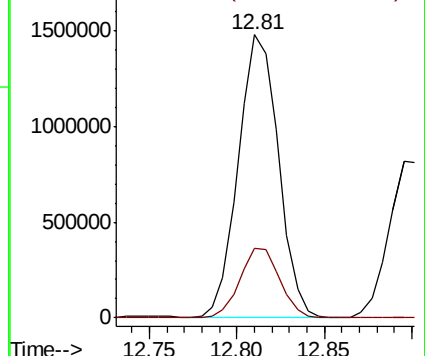
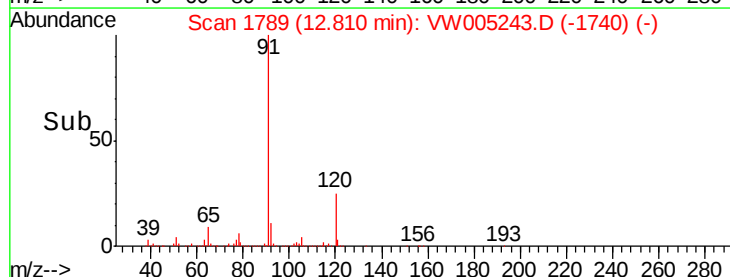
91 100

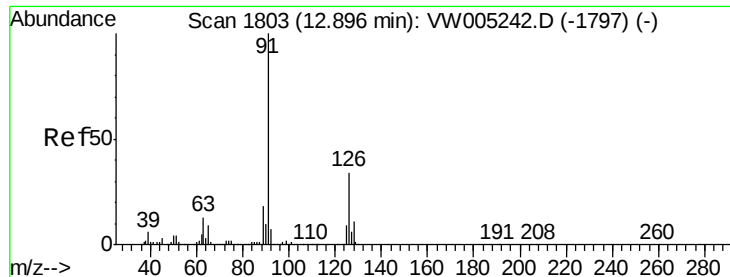
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

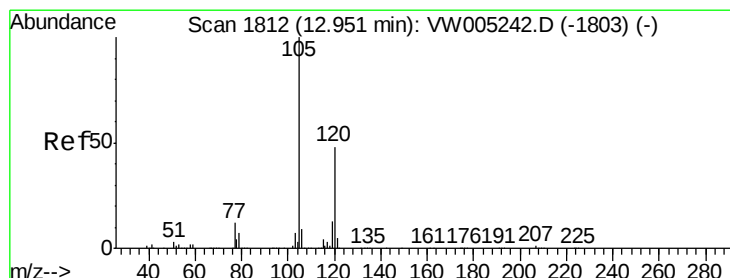
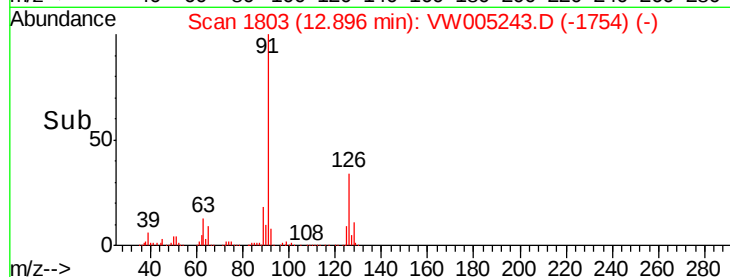
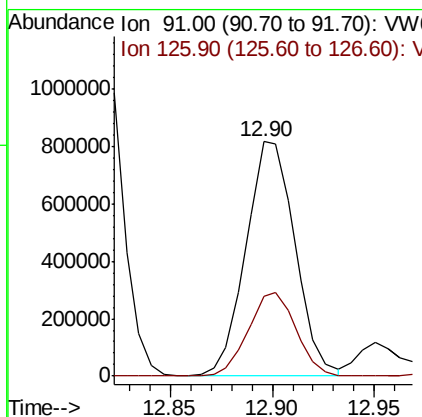
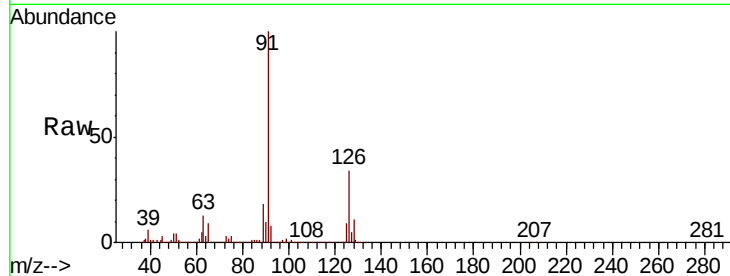




#79
 2-Chlorotoluene
 Concen: 74.088 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

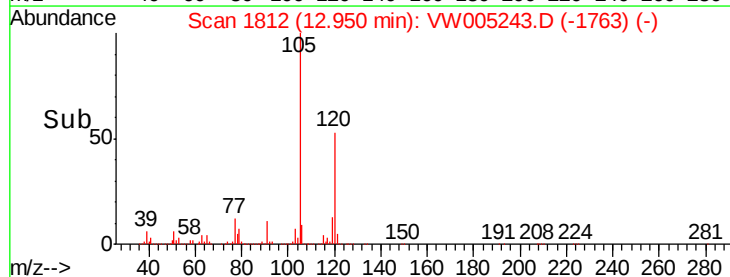
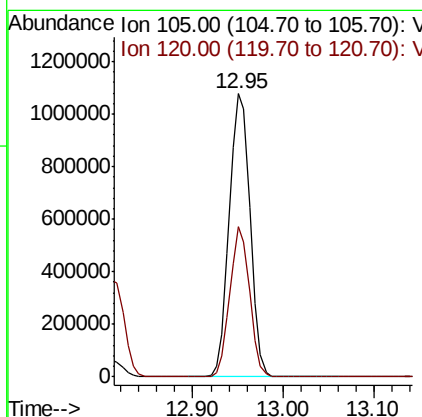
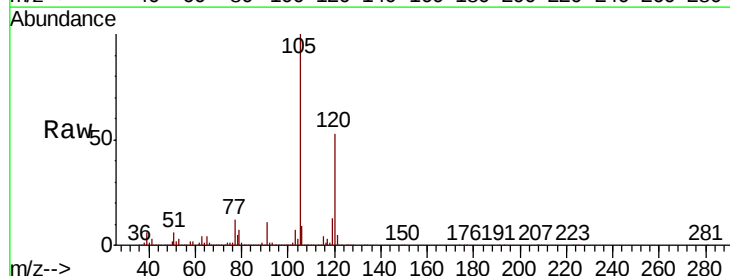
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

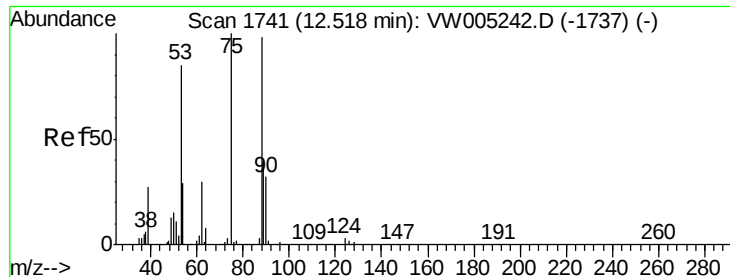
Tgt Ion: 91 Resp: 1369169
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 75.093 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion: 105 Resp: 1715746
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 75.244 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

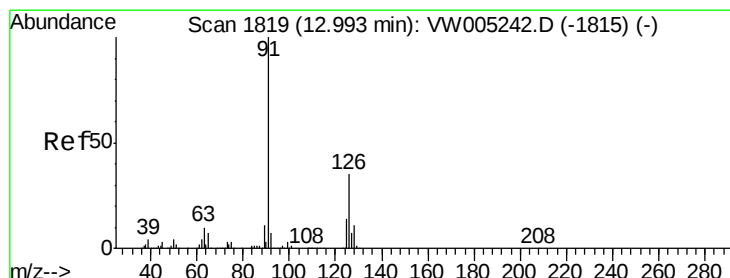
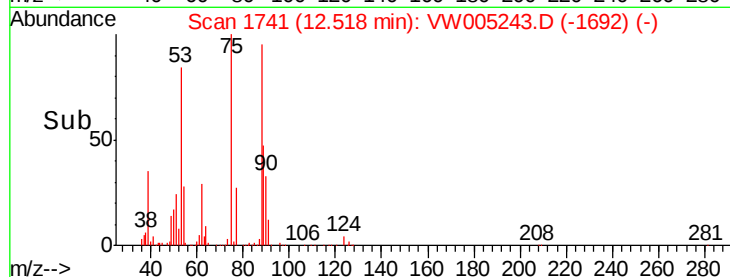
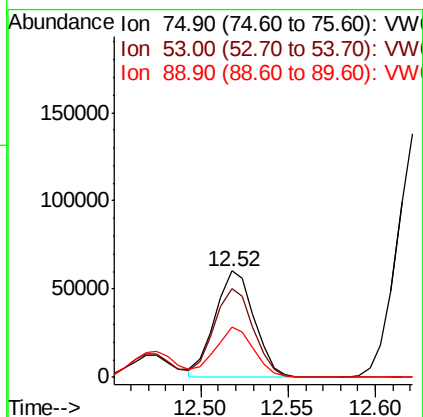
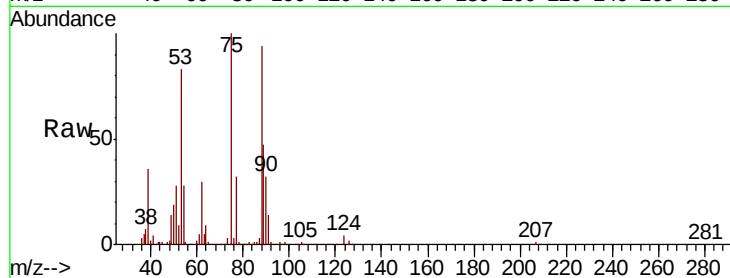
Tgt Ion: 75 Resp: 93716

Ion Ratio Lower Upper

75 100

53 84.9 67.0 100.6

89 46.7 37.0 55.4



#82

4-Chlorotoluene

Concen: 73.110 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005243.D

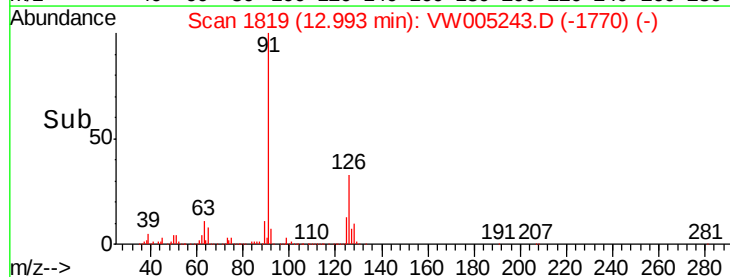
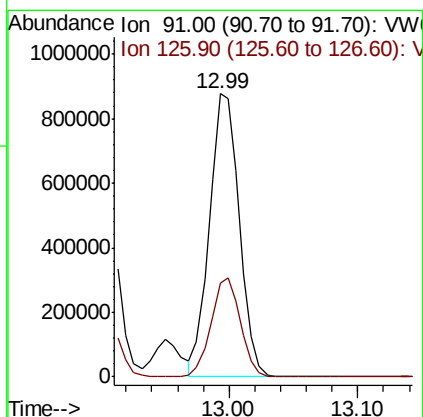
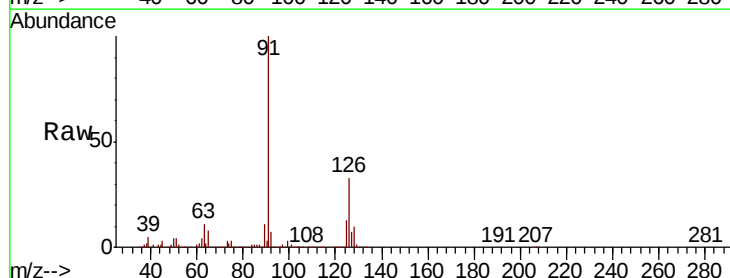
Acq: 10 Sep 2018 15:49

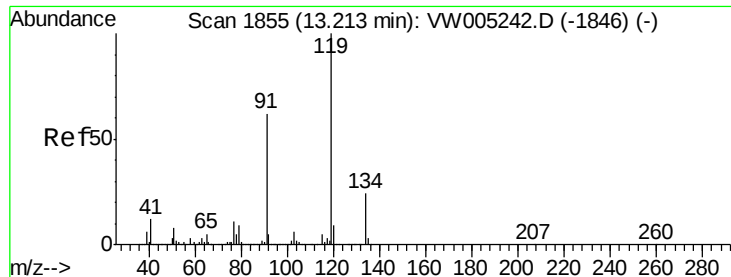
Tgt Ion: 91 Resp: 1420126

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5





#83

tert-Butylbenzene

Concen: 76.160 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

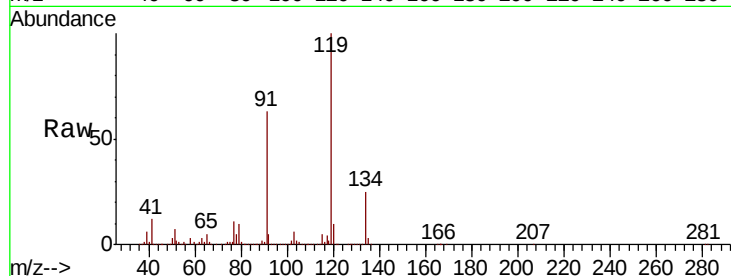
Tgt Ion:119 Resp: 1521899

Ion Ratio Lower Upper

119 100

91 60.6 31.7 95.1

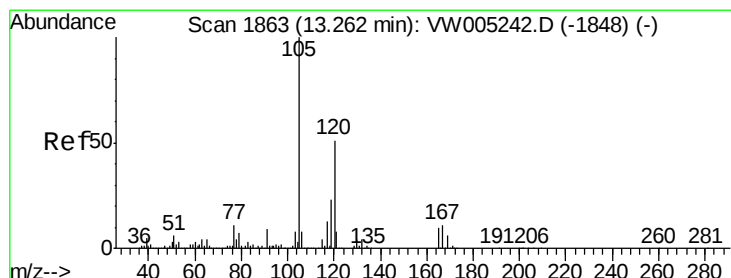
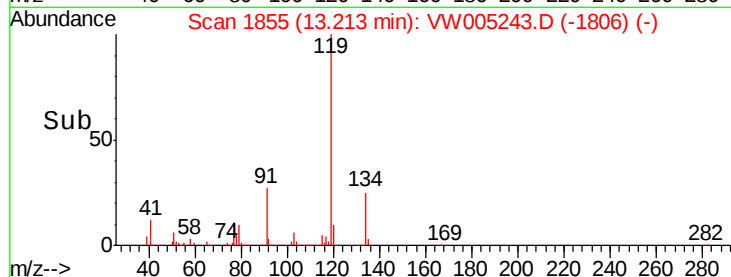
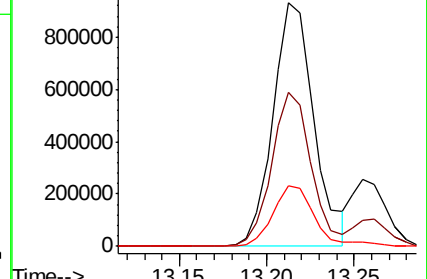
134 25.6 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 74.257 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005243.D

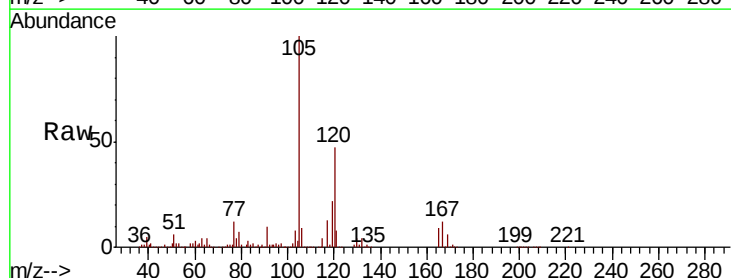
Acq: 10 Sep 2018 15:49

Tgt Ion:105 Resp: 1704945

Ion Ratio Lower Upper

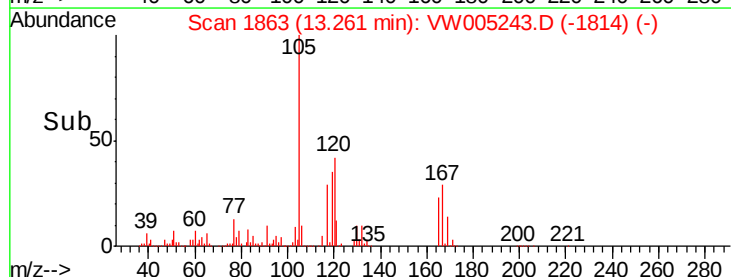
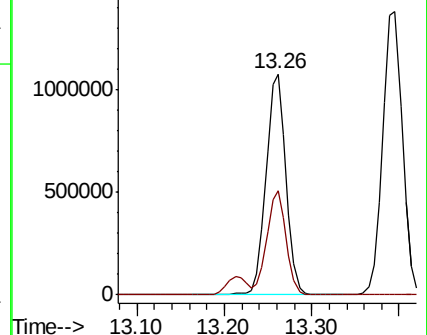
105 100

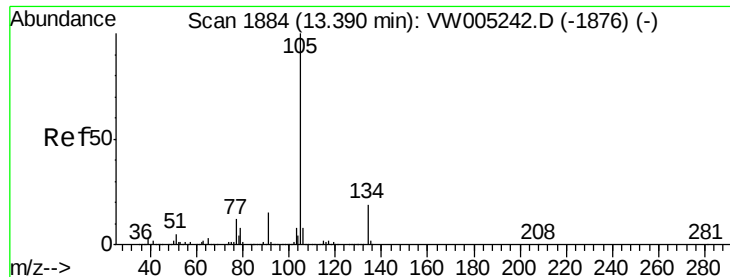
120 45.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 75.019 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

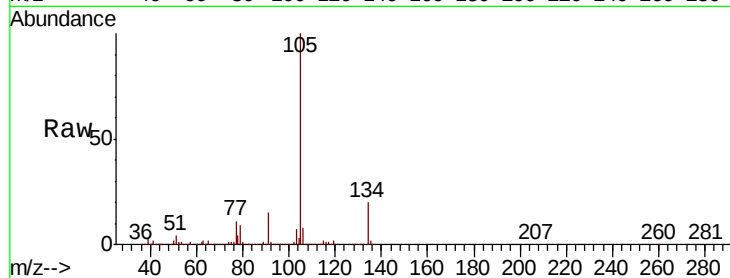
VSTDIC075

Tgt Ion:105 Resp: 2154465

Ion Ratio Lower Upper

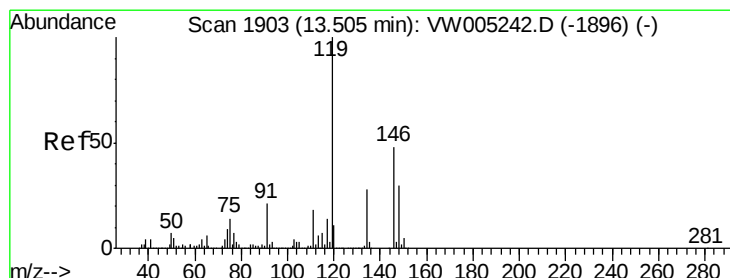
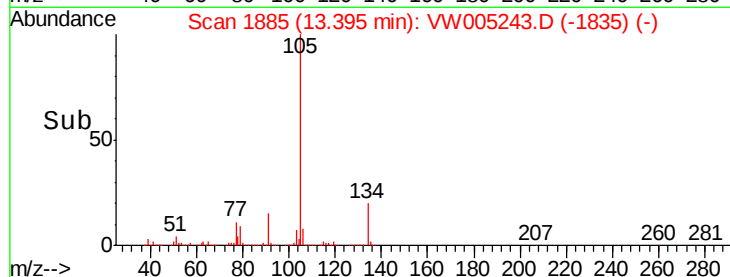
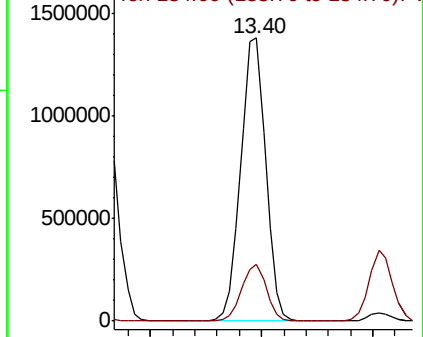
105 100

134 19.9 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: 74.734 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

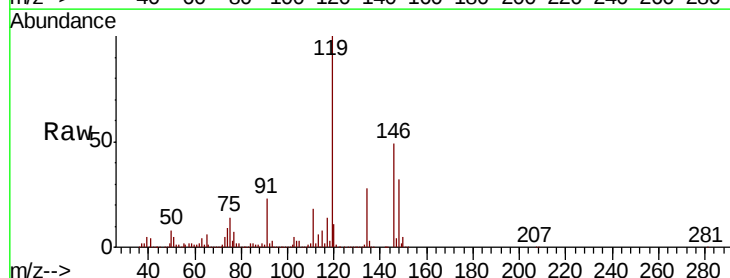
Tgt Ion:119 Resp: 1899977

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

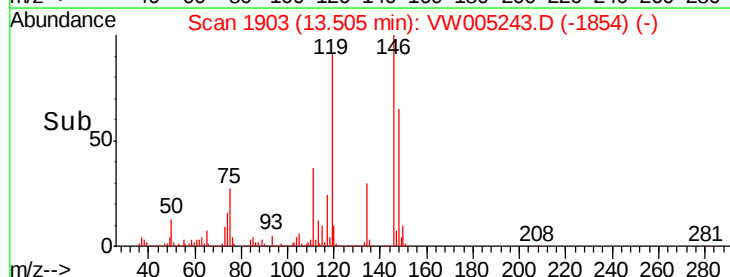
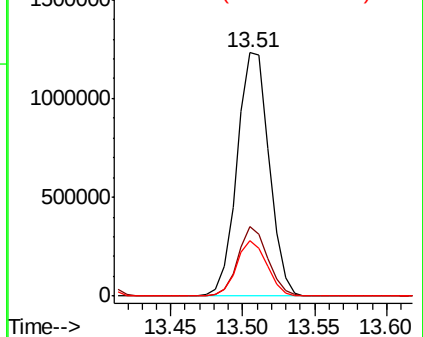
91 21.7 10.7 32.1

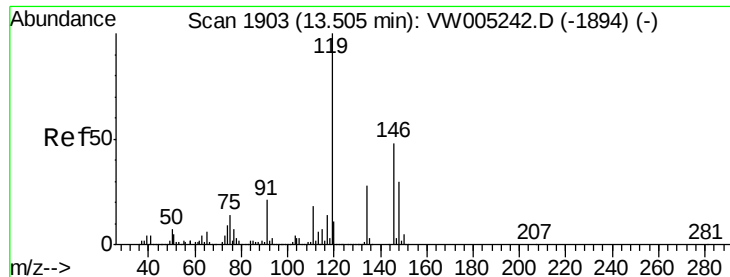


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 72.097 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

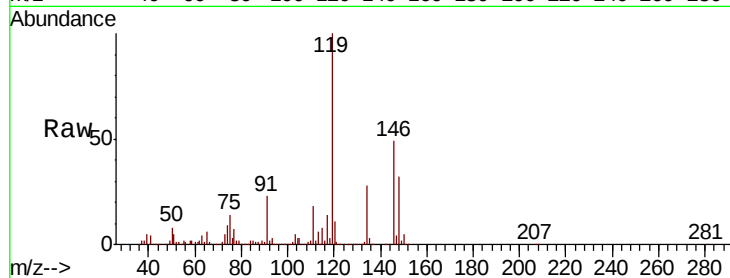
Tgt Ion:146 Resp: 956978

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.3

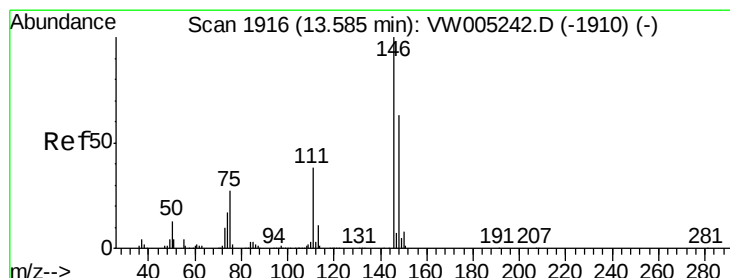
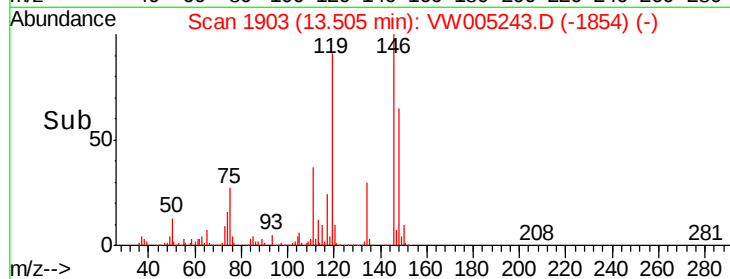
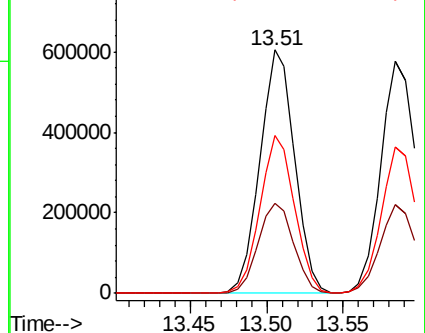
148 64.5 31.6 94.8



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



#88

1,4-Dichlorobenzene

Concen: 70.825 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

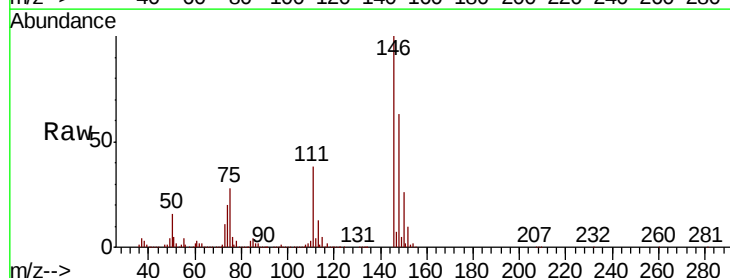
Tgt Ion:146 Resp: 923344

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

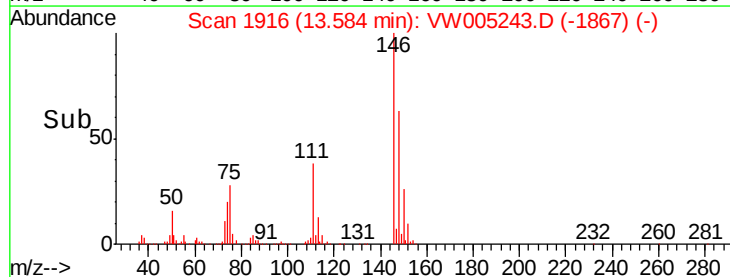
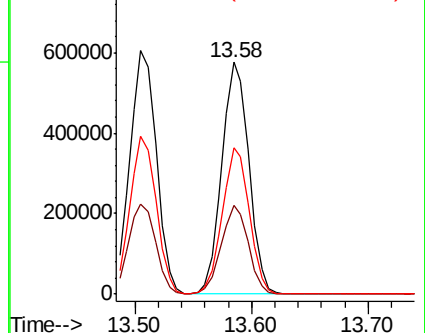
148 63.1 32.3 96.9

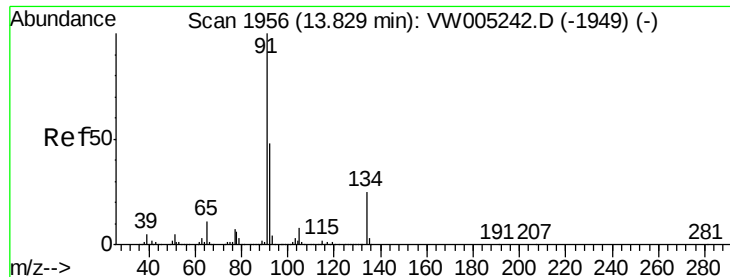


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 75.210 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

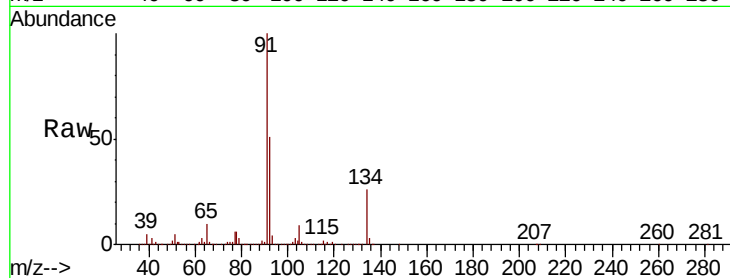
Tgt Ion: 91 Resp: 1797452

Ion Ratio Lower Upper

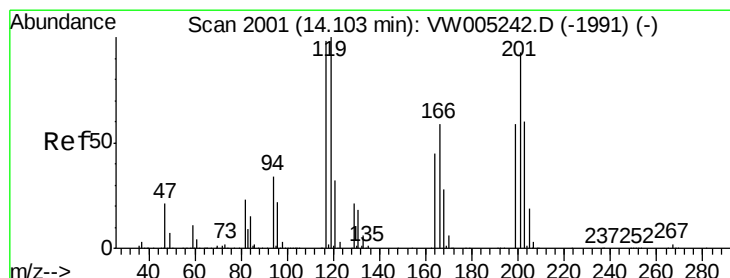
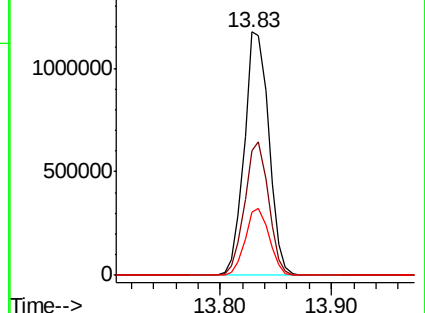
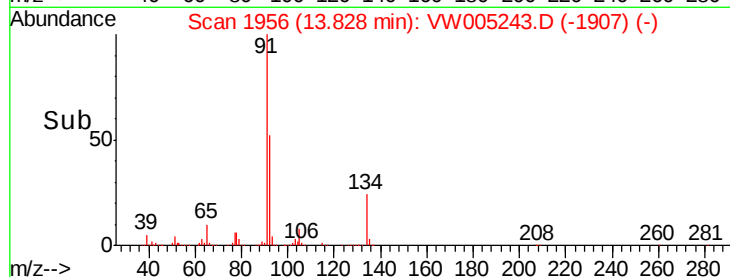
91 100

92 53.5 25.8 77.3

134 27.0 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 74.902 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005243.D

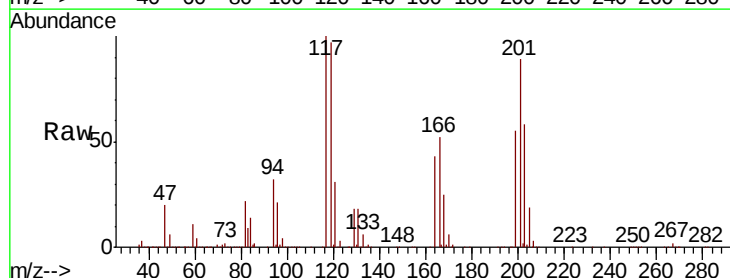
Acq: 10 Sep 2018 15:49

Tgt Ion: 117 Resp: 305088

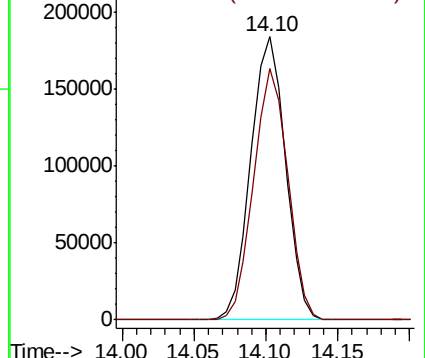
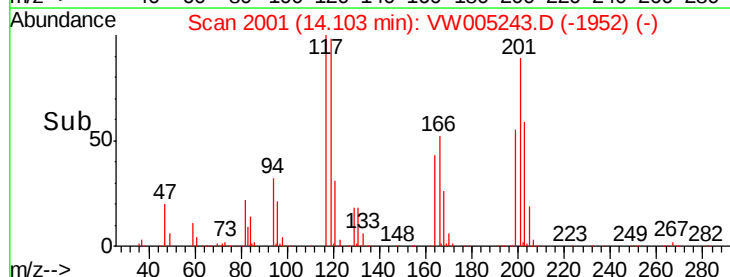
Ion Ratio Lower Upper

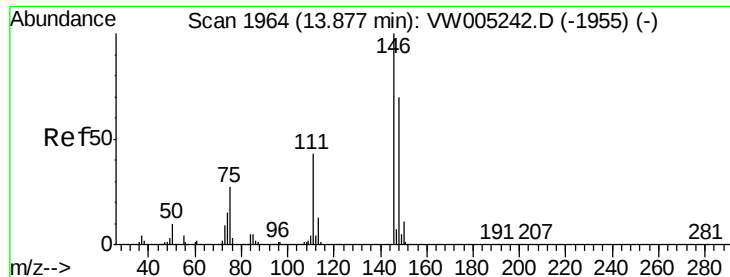
117 100

201 87.8 44.0 132.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 73.358 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

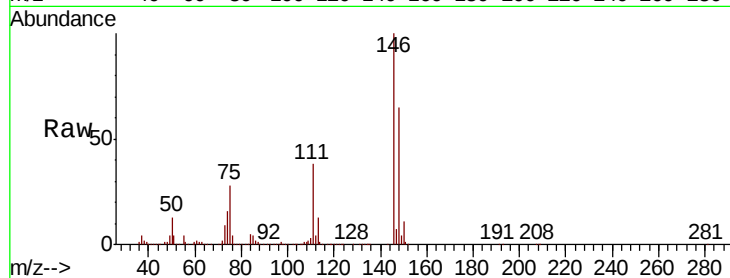
Tgt Ion:146 Resp: 855856

Ion Ratio Lower Upper

146 100

111 39.4 20.5 61.5

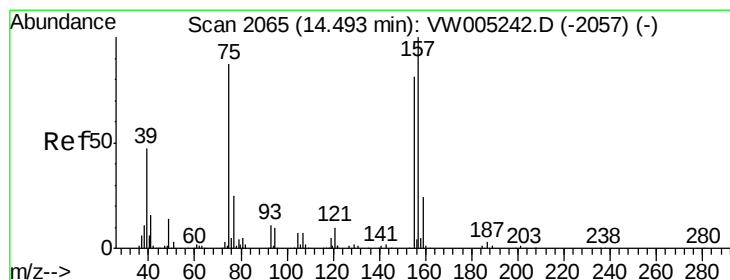
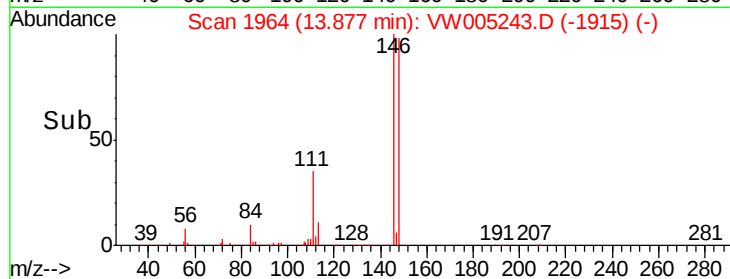
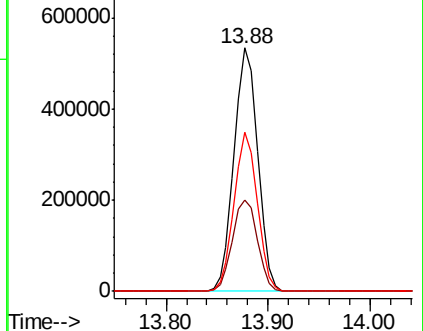
148 63.9 32.7 98.1



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: 72.283 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW005243.D

Acq: 10 Sep 2018 15:49

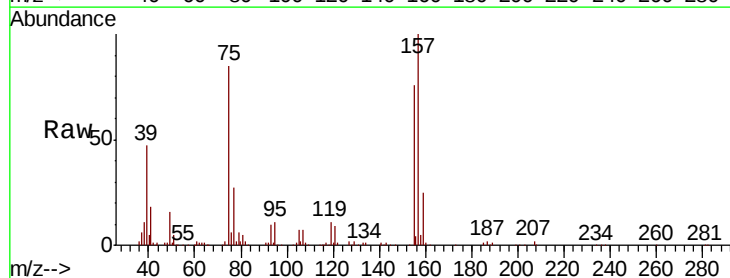
Tgt Ion: 75 Resp: 48472

Ion Ratio Lower Upper

75 100

155 90.6 47.4 142.2

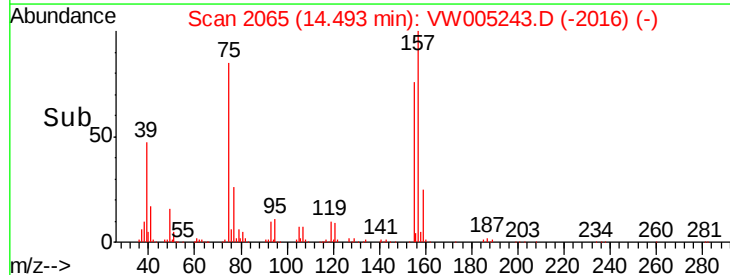
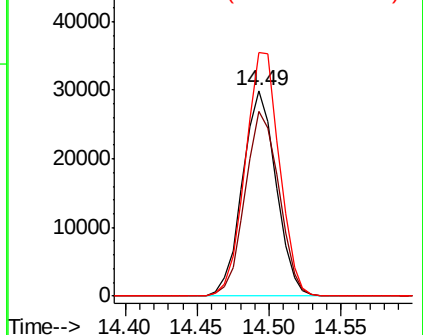
157 119.7 59.4 178.2

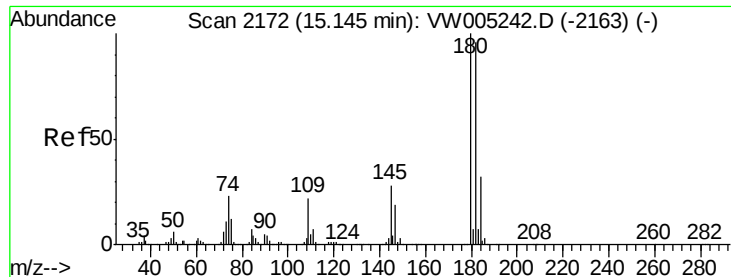


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

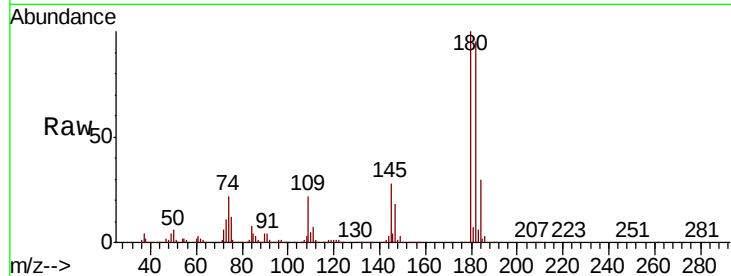




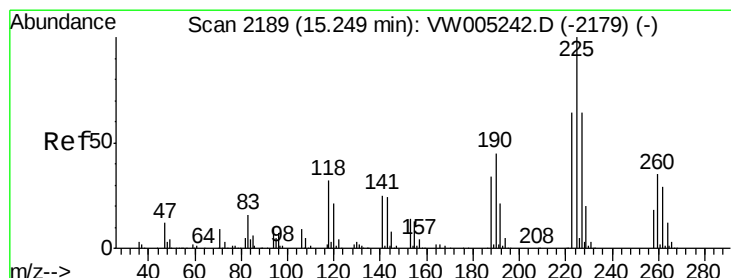
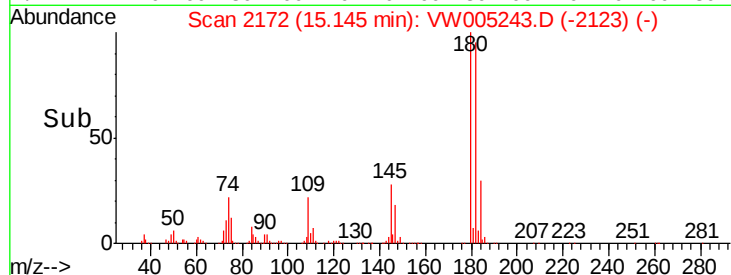
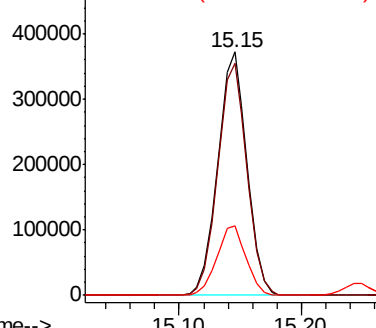
#93
 1,2,4-Trichlorobenzene
 Concen: 74.561 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.1	144.4
145	28.7	14.5	43.6

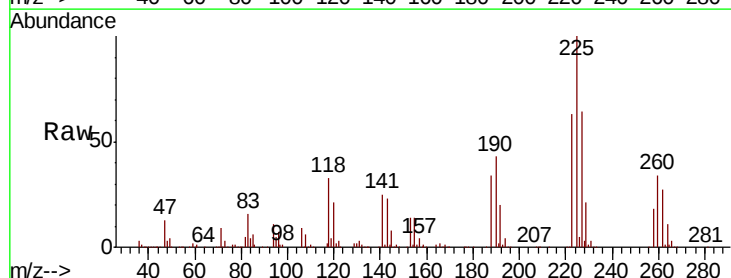


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

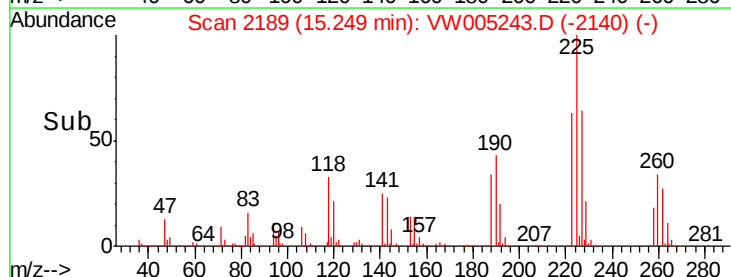
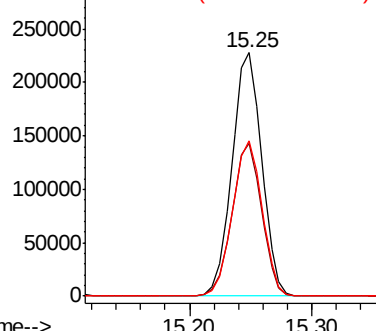


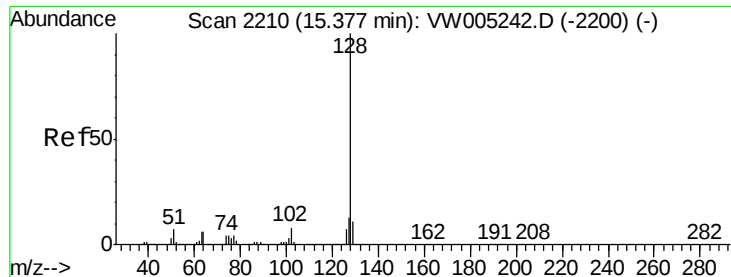
#94
 Hexachlorobutadiene
 Concen: 73.112 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005243.D
 Acq: 10 Sep 2018 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	63.6	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

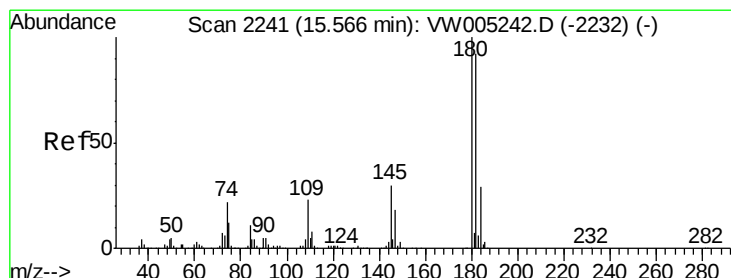
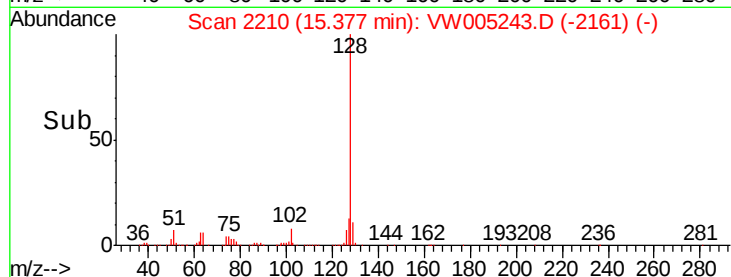
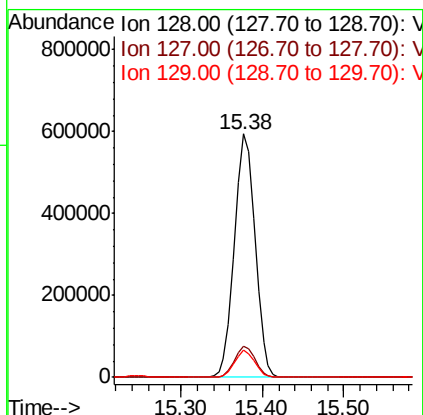
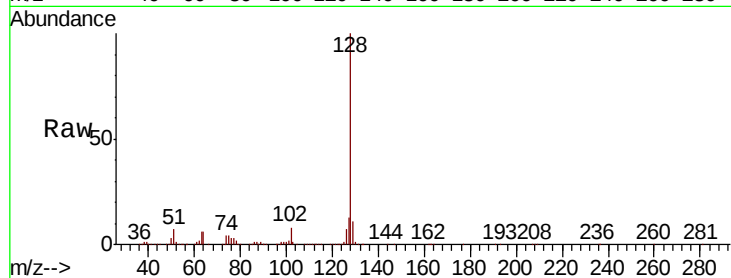




#95
Naphthalene
Concen: 77.331 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 1034725
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 73.433 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005243.D
Acq: 10 Sep 2018 15:49

Tgt Ion:180 Resp: 521462
Ion Ratio Lower Upper
180 100
182 95.6 47.2 141.6
145 31.1 15.2 45.6

