

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005318.D
 Acq On : 12 Sep 2018 11:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 14:29:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	503885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	700470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	681877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	377118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	192681	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.89	113	201158	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	10.33	98	1013458	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.62	95	365933	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	206153	47.428	ug/l	98
3) Chloromethane	2.21	50	303133	52.163	ug/l	100
4) Vinyl Chloride	2.35	62	286969	53.791	ug/l	97
5) Bromomethane	2.76	94	189890	59.231	ug/l	98
6) Chloroethane	2.91	64	158361	53.888	ug/l	99
7) Trichlorofluoromethane	3.26	101	309541	51.291	ug/l	97
8) Diethyl Ether	3.69	74	106736	49.626	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	220057	51.049	ug/l	98
10) Methyl Iodide	4.28	142	230742	43.526	ug/l	100
11) Tert butyl alcohol	5.17	59	74527	241.807	ug/l	100
12) 1,1-Dichloroethene	4.04	96	200078	50.408	ug/l	99
13) Acrolein	3.90	56	75101	252.255	ug/l	99
14) Allyl chloride	4.67	41	316072	51.826	ug/l	99
15) Acrylonitrile	5.37	53	255777	263.592	ug/l	99
16) Acetone	4.12	43	193615	277.545	ug/l	99
17) Carbon Disulfide	4.38	76	744008	53.402	ug/l	100
18) Methyl Acetate	4.67	43	107438	51.593	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	487959	51.616	ug/l	96
20) Methylene Chloride	4.92	84	271507	52.537	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	229069	49.429	ug/l	99
22) Diisopropyl ether	6.32	45	665950	54.238	ug/l	99
23) Vinyl Acetate	6.26	43	1845629	269.729	ug/l	100
24) 1,1-Dichloroethane	6.22	63	386149	51.091	ug/l	99
25) 2-Butanone	7.18	43	298602	271.368	ug/l	97
26) 2,2-Dichloropropane	7.17	77	346320	52.850	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	249353	50.275	ug/l	98
28) Bromochloromethane	7.52	49	145929	52.337	ug/l #	96
29) Tetrahydrofuran	7.53	42	191132	257.754	ug/l	99
30) Chloroform	7.68	83	385139	50.777	ug/l	99
31) Cyclohexane	7.96	56	418462	52.034	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	352689	51.471	ug/l	99
36) 1,1-Dichloropropene	8.09	75	341928	53.281	ug/l	99
37) Ethyl Acetate	7.26	43	131224	53.759	ug/l	99
38) Carbon Tetrachloride	8.07	117	314293	52.282	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	460464	54.041	ug/l	99
40) Benzene	8.33	78	1011779	53.515	ug/l	100
41) Methacrylonitrile	7.49	41	75286	60.117	ug/l	94
42) 1,2-Dichloroethane	8.41	62	231216	51.119	ug/l	99
43) Isopropyl Acetate	8.43	43	242213	53.435	ug/l	98
44) Trichloroethene	9.10	130	271215	52.290	ug/l	100
45) 1,2-Dichloropropane	9.37	63	242333	53.325	ug/l	98
46) Dibromomethane	9.46	93	112217	50.447	ug/l	98
47) Bromodichloromethane	9.65	83	286570	52.663	ug/l	98
48) Methyl methacrylate	9.44	41	122514	52.053	ug/l	95
49) 1,4-Dioxane	9.45	88	48726	1173.235	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	684960	268.521	ug/l	100
52) Toluene	10.39	92	723016	52.617	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	307970	52.369	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	370777	52.650	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	177980	50.181	ug/l	98
56) Ethyl methacrylate	10.65	69	243371	54.125	ug/l	100
57) 1,3-Dichloropropane	10.94	76	305671	51.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	533193	272.824	ug/l	99
59) 2-Hexanone	10.98	43	507331	275.877	ug/l	100
60) Dibromochloromethane	11.13	129	202281	51.398	ug/l	99
61) 1,2-Dibromoethane	11.24	107	163403	50.239	ug/l	99
64) Tetrachloroethene	10.87	164	262537	51.896	ug/l	98
65) Chlorobenzene	11.66	112	785750	52.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	230655	51.716	ug/l	99
67) Ethyl Benzene	11.74	91	1413726	54.346	ug/l	99
68) m/p-Xylenes	11.85	106	1134688	108.244	ug/l	99
69) o-Xylene	12.17	106	525316	53.863	ug/l	98
70) Styrene	12.19	104	878325	55.192	ug/l	100
71) Bromoform	12.35	173	125175	51.763	ug/l	97
73) Isopropylbenzene	12.47	105	1441960	54.117	ug/l	100
74) N-amyl acetate	12.28	43	281304	55.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	208692	52.115	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	277813	95.778	ug/l #	100
77) Bromobenzene	12.76	156	328051	52.260	ug/l	98
78) n-propylbenzene	12.81	91	1771122	55.345	ug/l	99
79) 2-Chlorotoluene	12.90	91	985315	53.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1237163	54.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	66419	53.702	ug/l	97
82) 4-Chlorotoluene	12.99	91	1025770	53.179	ug/l	100
83) tert-Butylbenzene	13.21	119	1062482	53.542	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1245914	54.645	ug/l	99
85) sec-Butylbenzene	13.39	105	1567422	54.961	ug/l	100
86) p-Isopropyltoluene	13.51	119	1394921	55.253	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	689739	52.329	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	675960	52.213	ug/l	99
89) n-Butylbenzene	13.83	91	1324610	55.814	ug/l	98
90) Hexachloroethane	14.10	117	211126	52.197	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	605882	52.296	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35396	53.154	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
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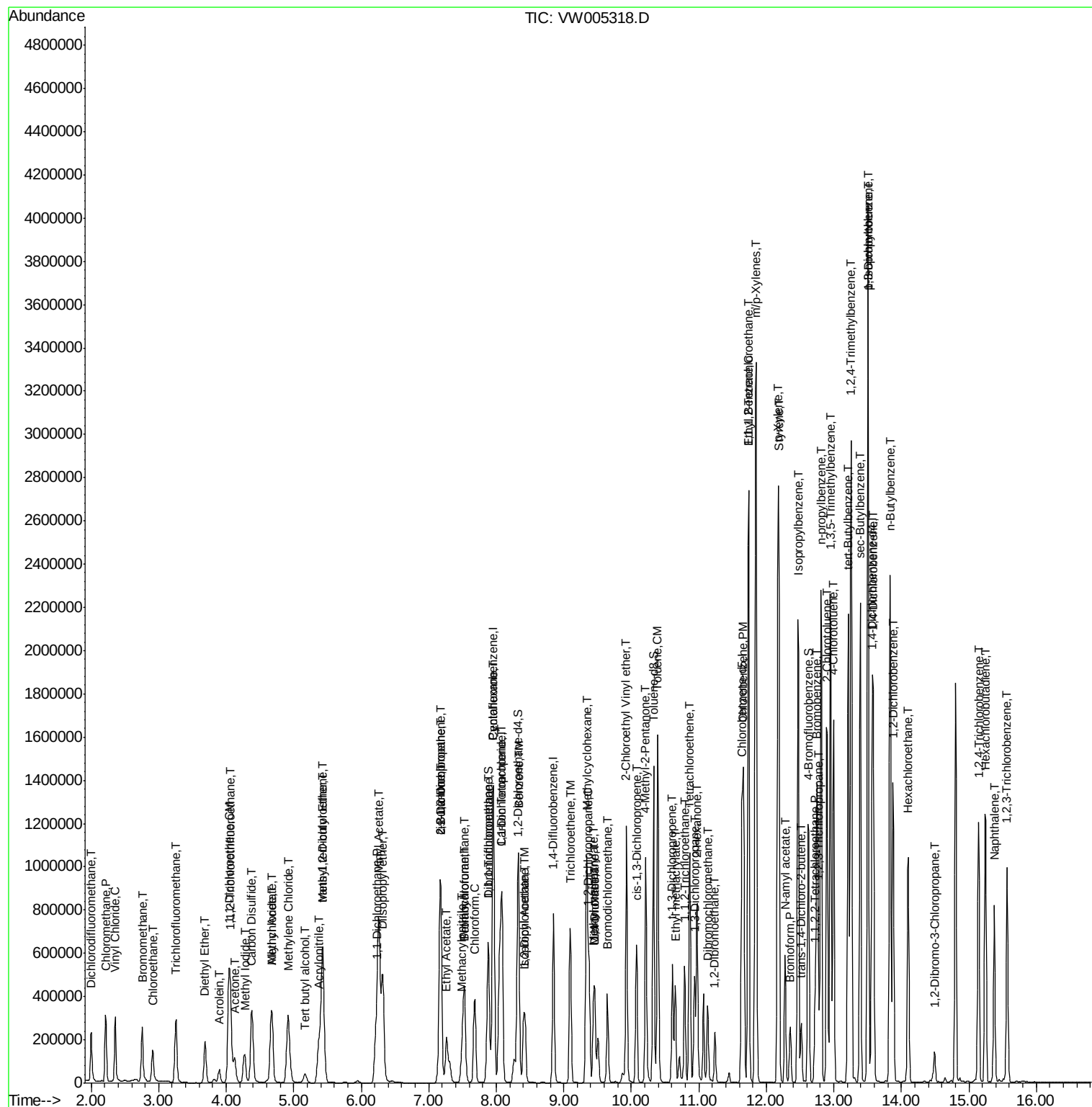
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	428504	52.287	ug/l	99
94) Hexachlorobutadiene	15.25	225	277935	52.961	ug/l	99
95) Naphthalene	15.38	128	720159	54.199	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	372341	52.801	ug/l	99

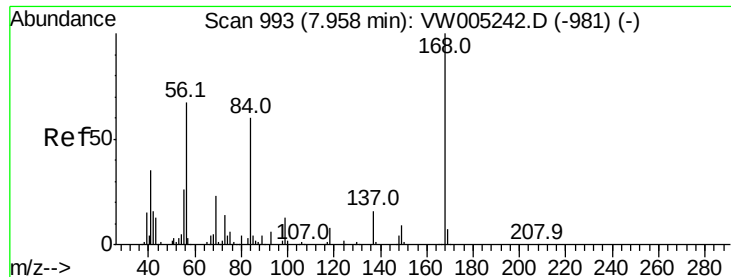
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

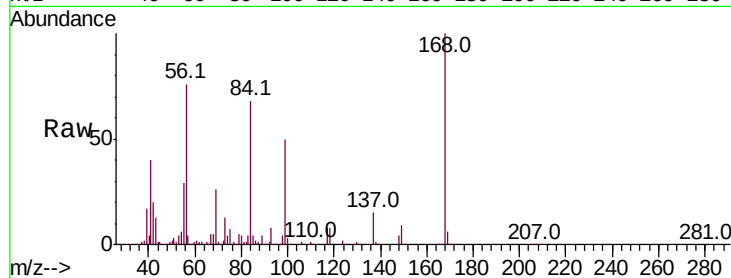
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 503885

Ion Ratio Lower Upper

168 100

99 50.1 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

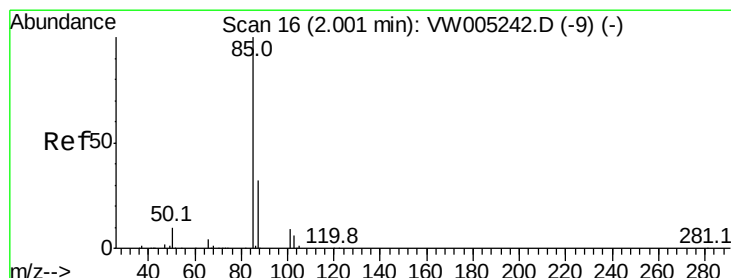
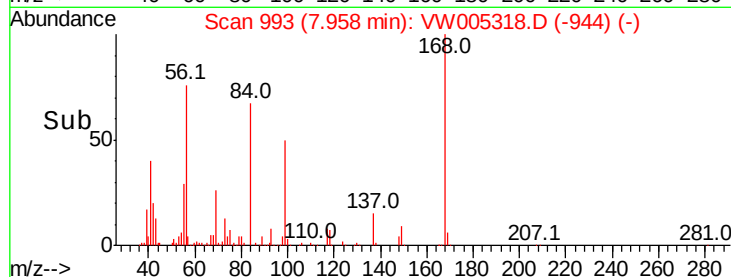
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.428 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005318.D

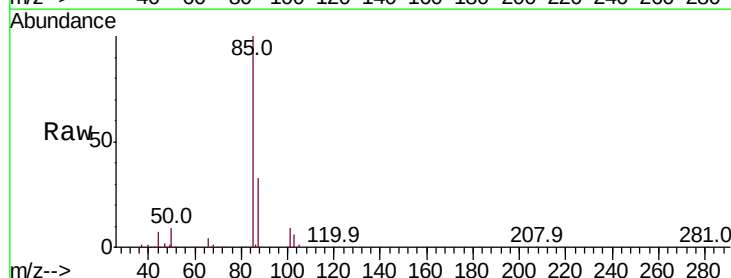
Acq: 12 Sep 2018 11:47

Tgt Ion: 85 Resp: 206153

Ion Ratio Lower Upper

85 100

87 33.0 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

150000

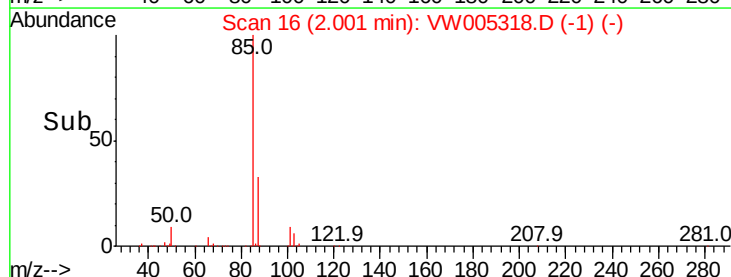
100000

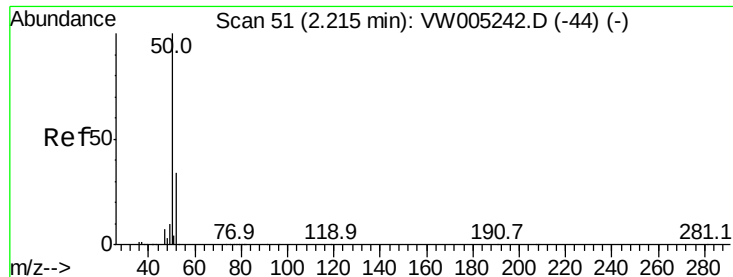
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 52.163 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

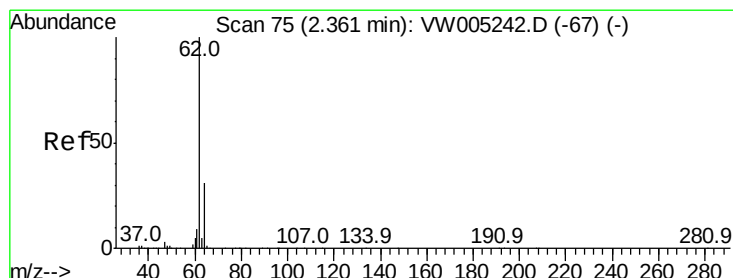
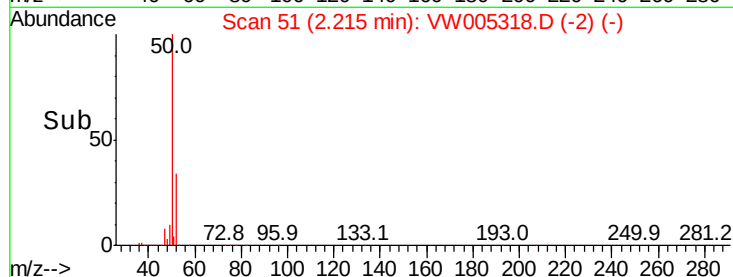
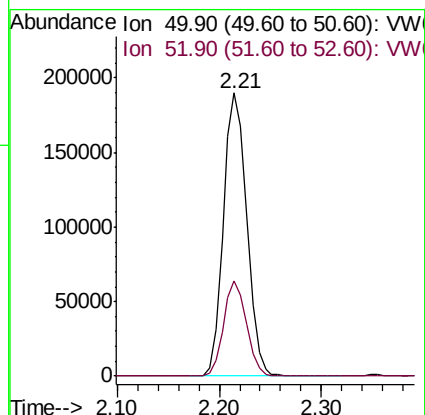
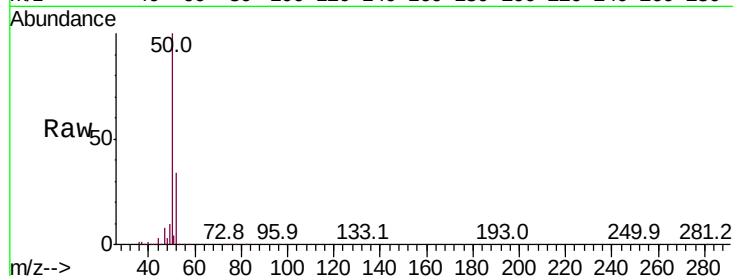
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 303133

Ion Ratio Lower Upper

50 100

52 33.6 27.0 40.4



#4

Vinyl Chloride

Concen: 53.791 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005318.D

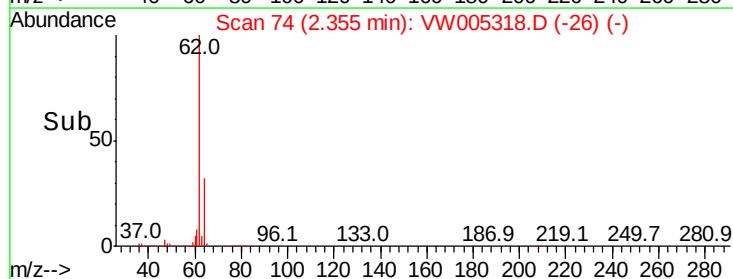
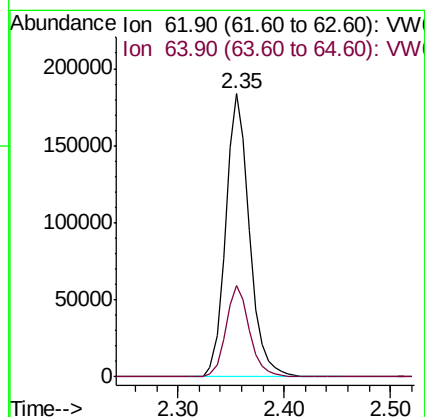
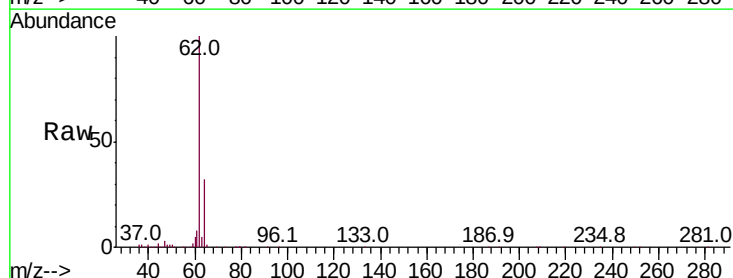
Acq: 12 Sep 2018 11:47

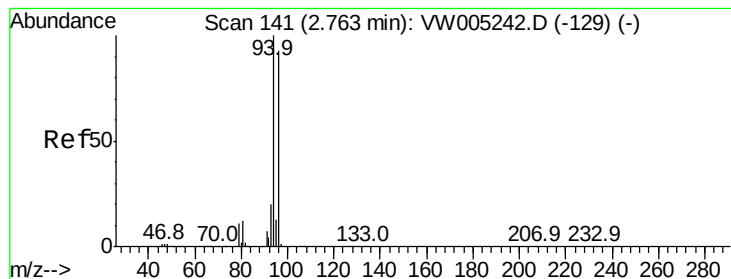
Tgt Ion: 62 Resp: 286969

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 59.231 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

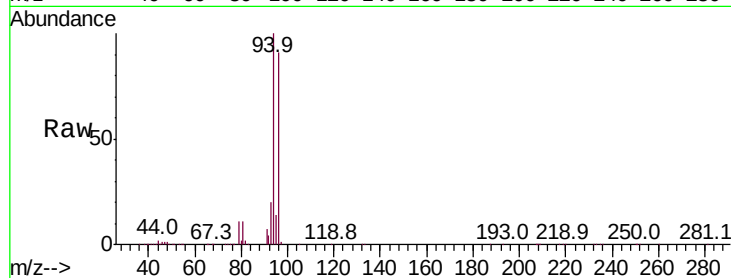
ClientSampleId :

Tot Ion: 94 Resp: 189890

Ion Ratio Lower Upper

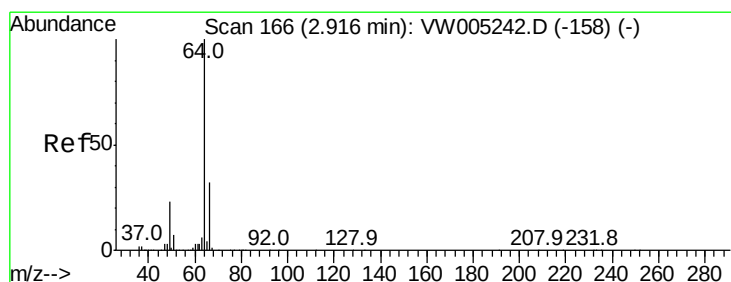
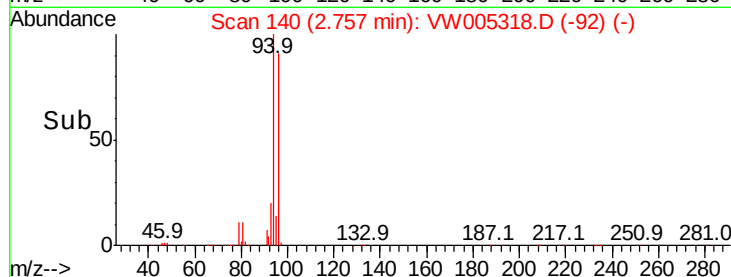
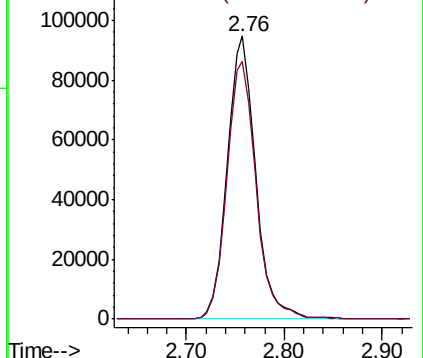
94 100

96 91.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 53.888 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005318.D

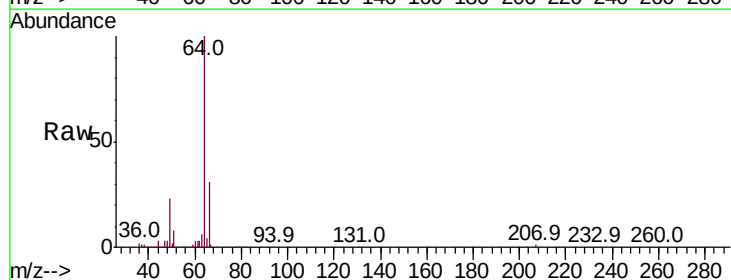
Acq: 12 Sep 2018 11:47

Tgt Ion: 64 Resp: 158361

Ion Ratio Lower Upper

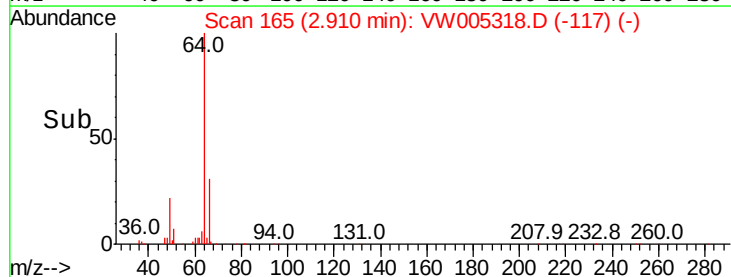
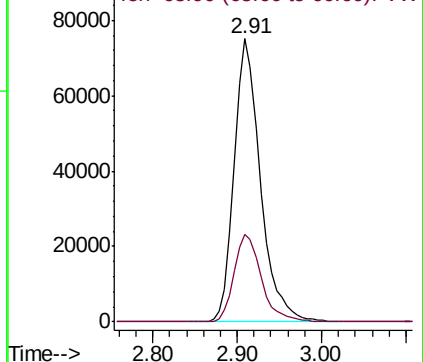
64 100

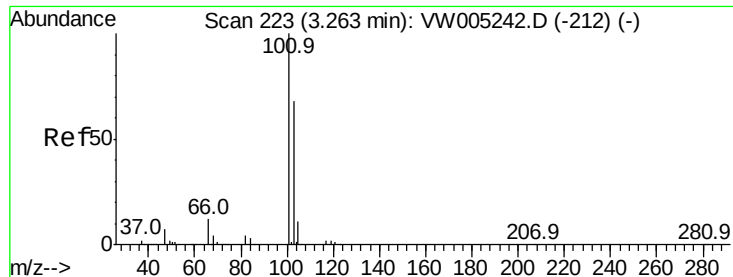
66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



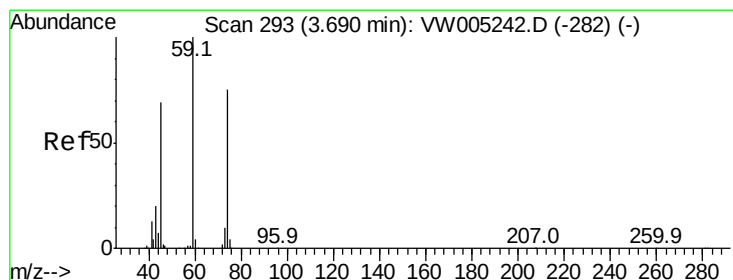
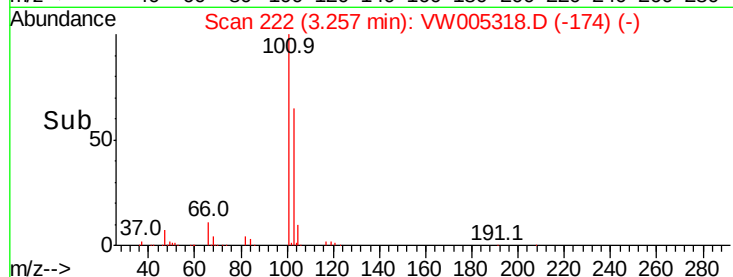
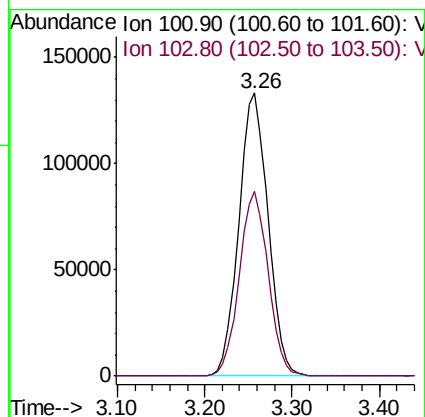
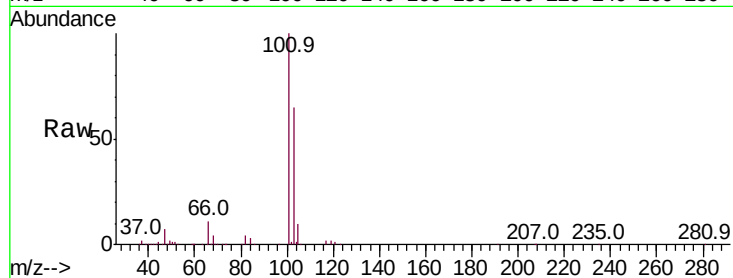


#7

Trichlorofluoromethane
Concen: 51.291 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :

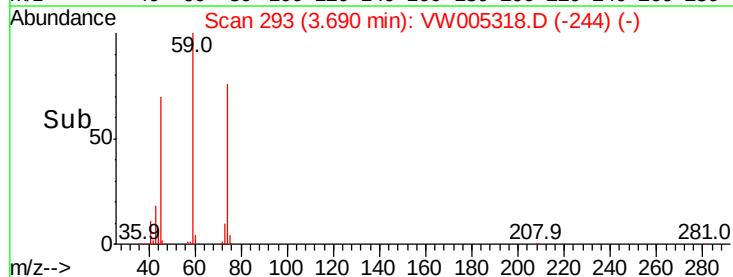
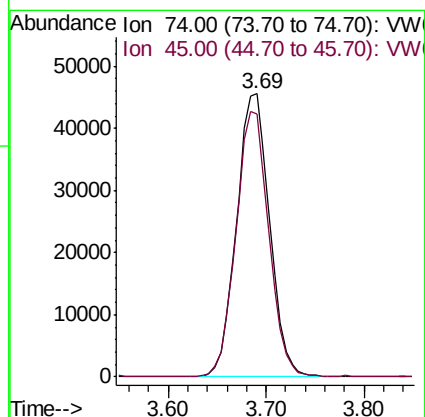
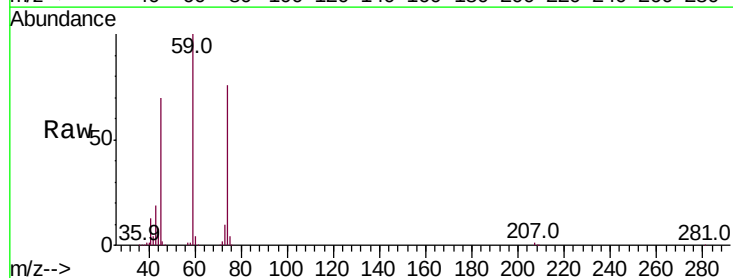
Tot Ion:101 Resp: 309541
Ion Ratio Lower Upper
101 100
103 65.5 54.1 81.1

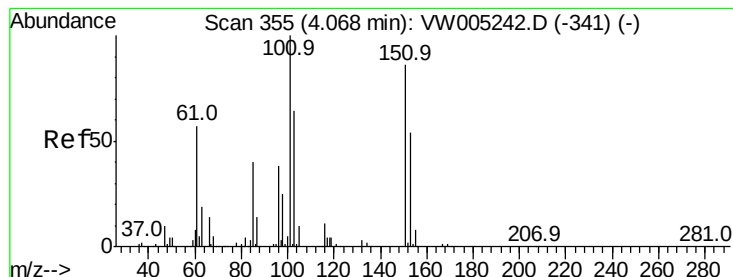


#8

Diethyl Ether
Concen: 49.626 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 74 Resp: 106736
Ion Ratio Lower Upper
74 100
45 93.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.049 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

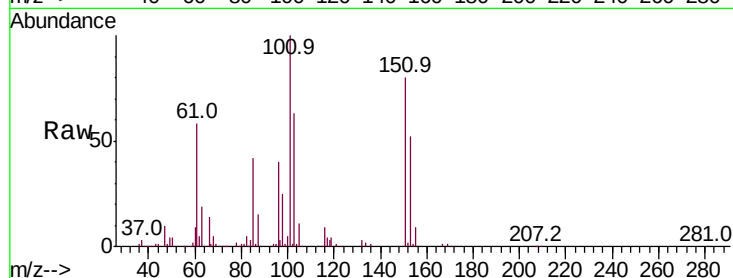
Tot Ion:101 Resp: 220057

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

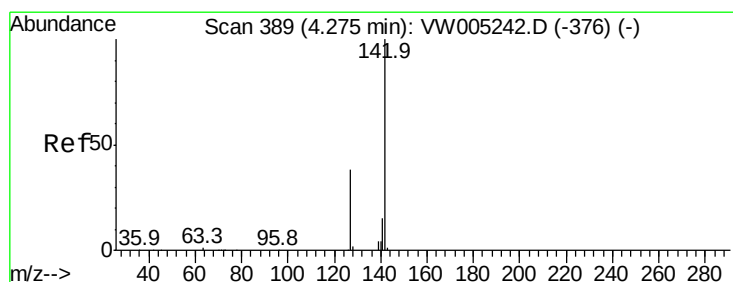
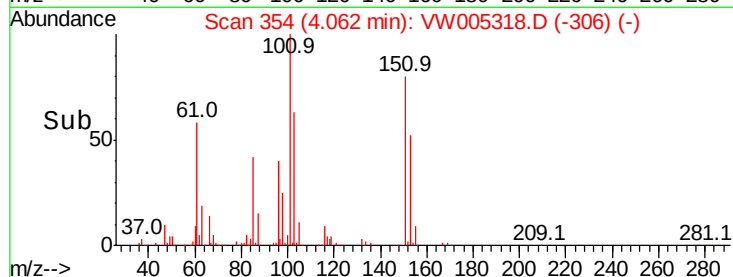
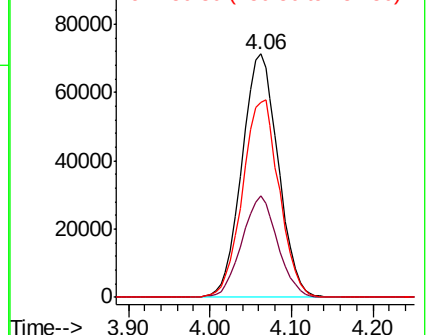
151 82.0 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.526 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

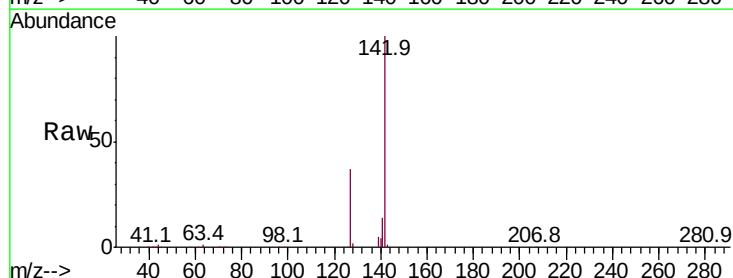
Tgt Ion:142 Resp: 230742

Ion Ratio Lower Upper

142 100

127 37.9 30.3 45.5

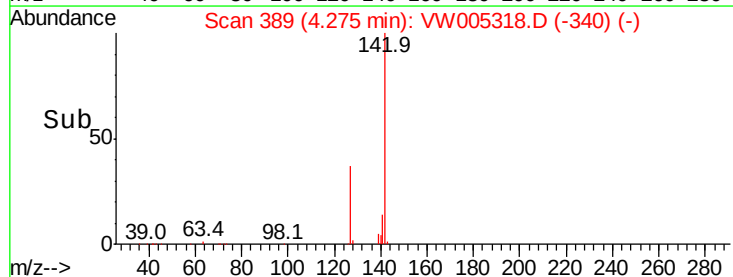
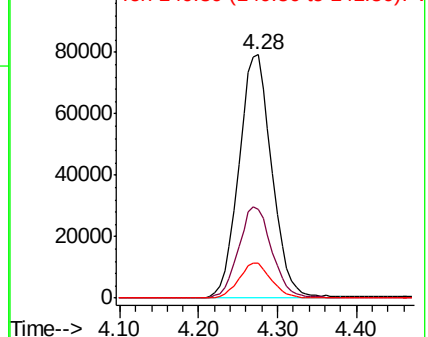
141 14.1 11.4 17.0

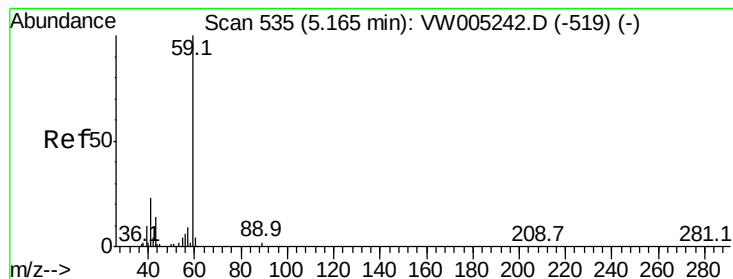


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



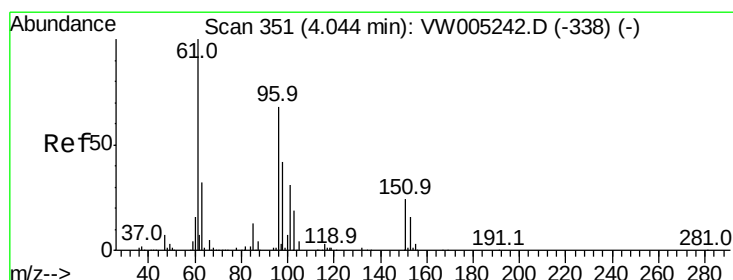
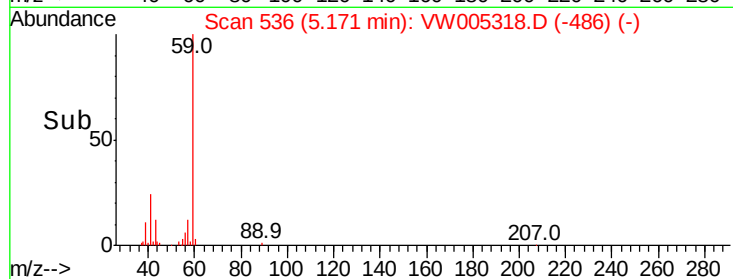
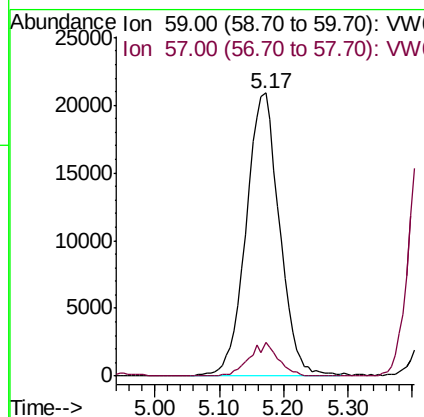
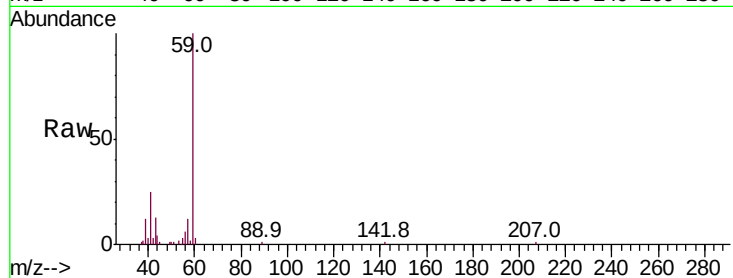


#11

Tert butyl alcohol
Concen: 241.807 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :

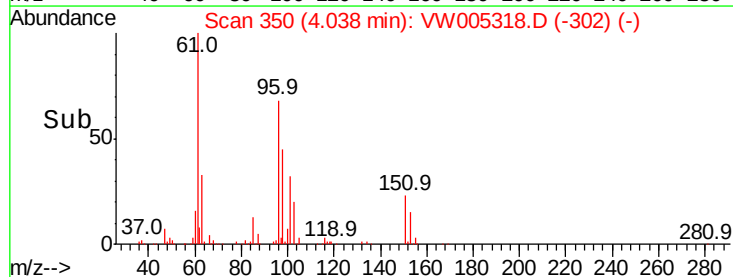
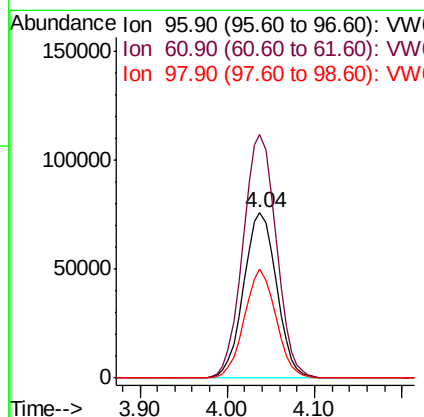
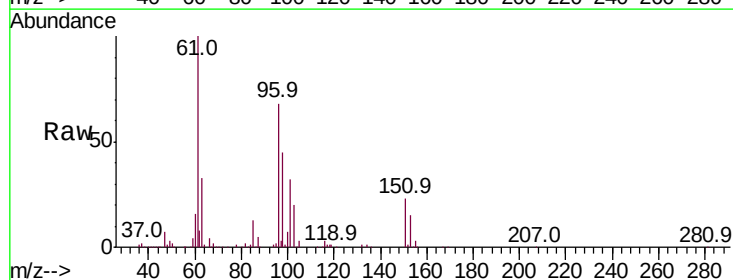
Tot Ion: 59 Resp: 74527
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

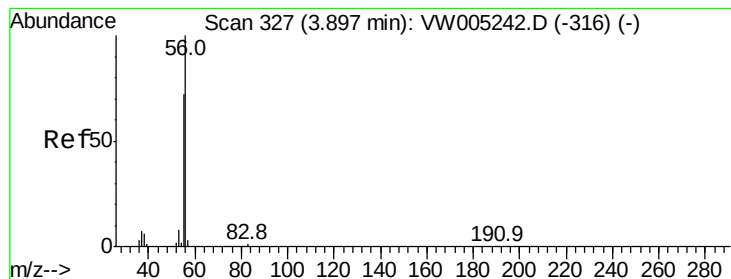


#12

1,1-Dichloroethene
Concen: 50.408 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 96 Resp: 200078
Ion Ratio Lower Upper
96 100
61 147.6 118.2 177.2
98 66.0 49.9 74.9





#13

Acrolein

Concen: 252.255 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

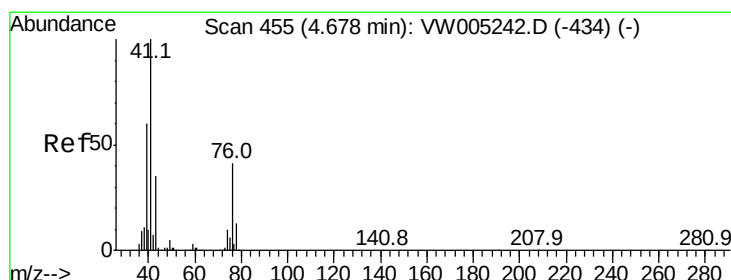
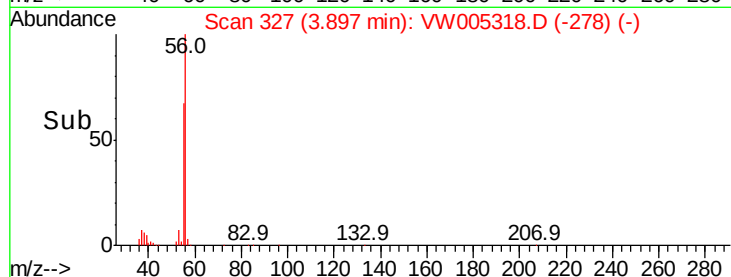
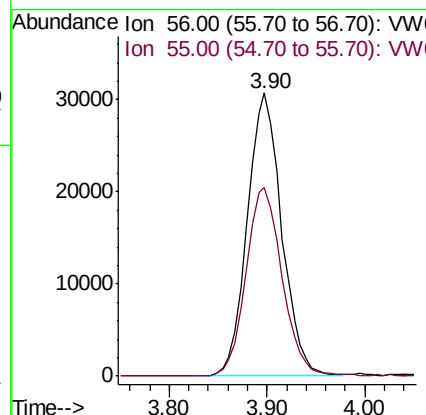
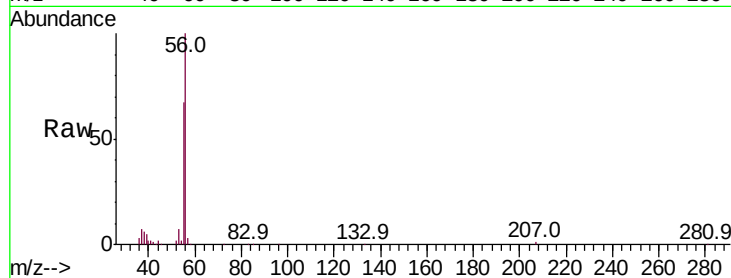
ClientSampleId :

Tot Ion: 56 Resp: 75101

Ion Ratio Lower Upper

56 100

55 70.1 56.8 85.2



#14

Allyl chloride

Concen: 51.826 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

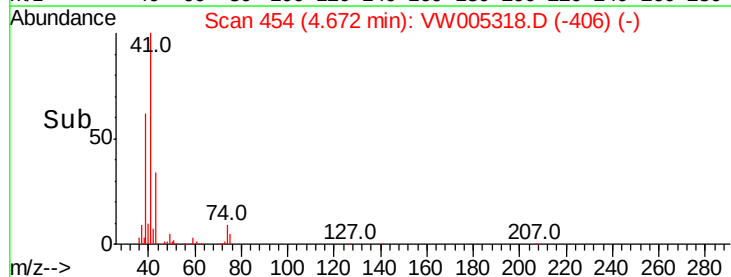
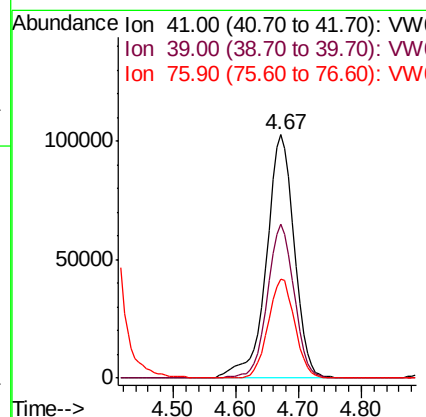
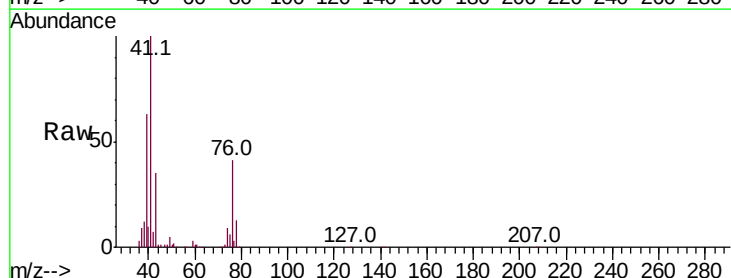
Tgt Ion: 41 Resp: 316072

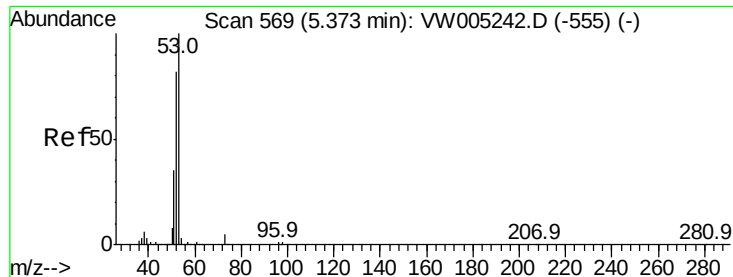
Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

76 38.4 31.7 47.5





#15

Acrylonitrile

Concen: 263.592 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

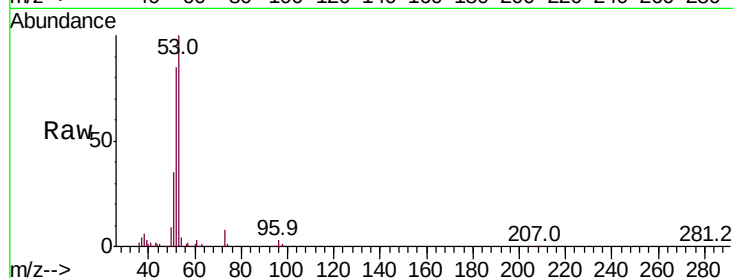
Tot Ion: 53 Resp: 255777

Ion Ratio Lower Upper

53 100

52 81.4 66.0 99.0

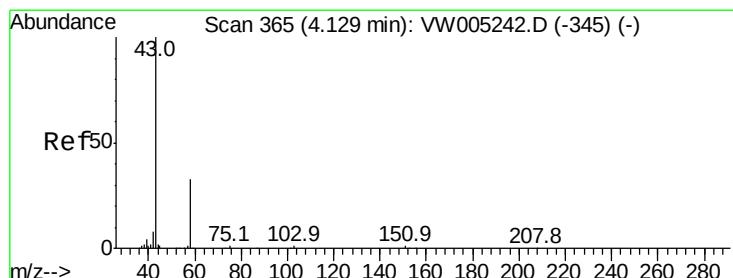
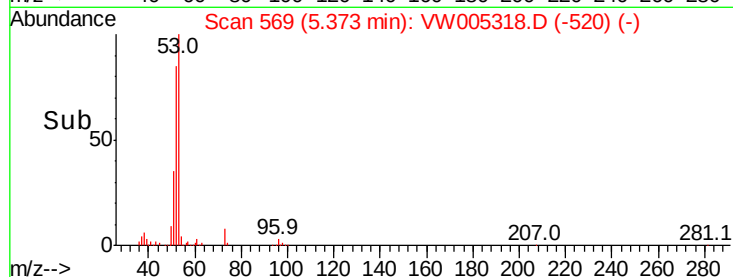
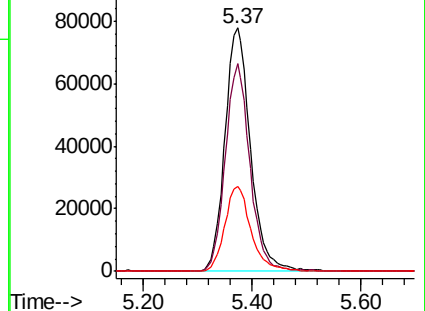
51 35.5 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 277.545 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005318.D

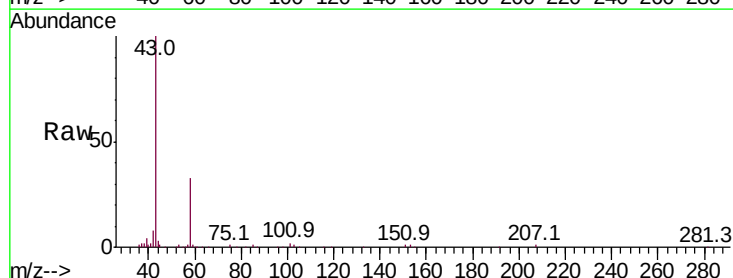
Acq: 12 Sep 2018 11:47

Tgt Ion: 43 Resp: 193615

Ion Ratio Lower Upper

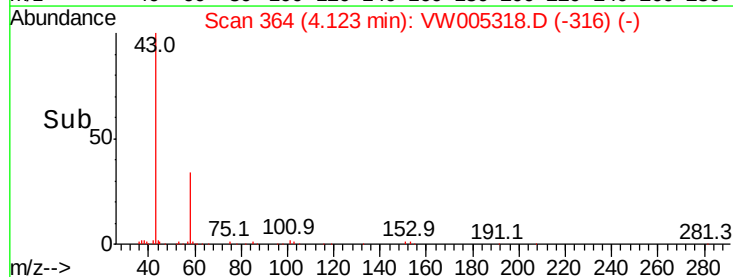
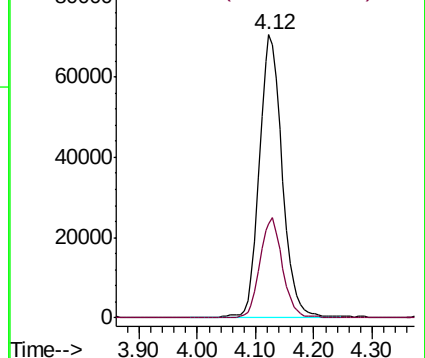
43 100

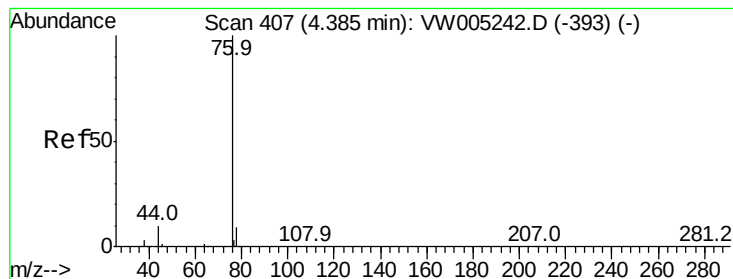
58 33.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 53.402 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

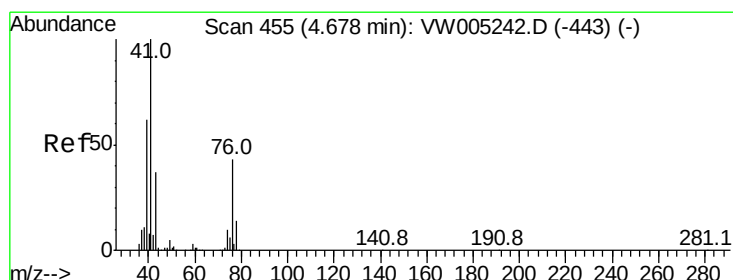
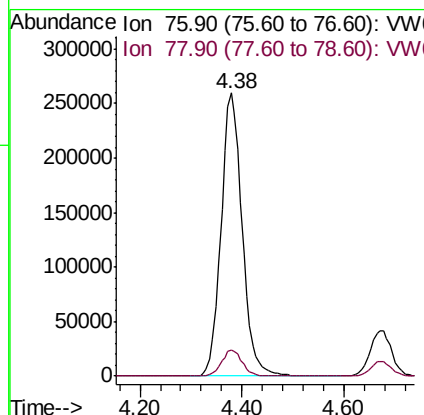
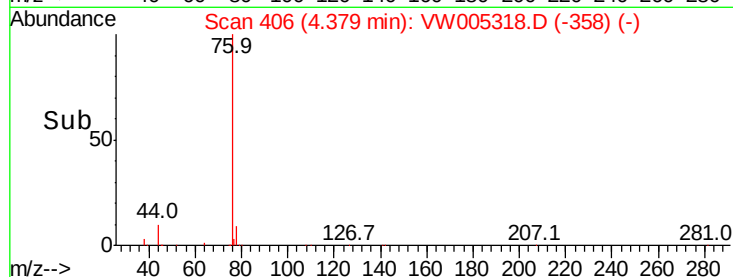
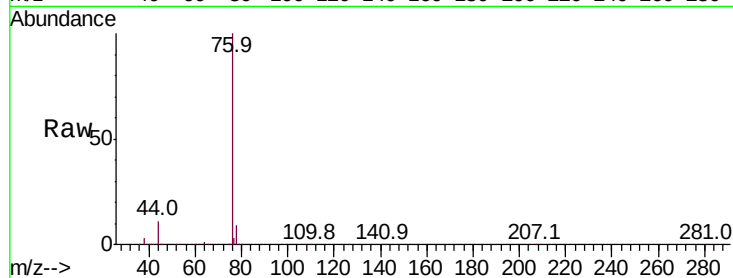
ClientSampled :

Tot Ion: 76 Resp: 744008

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 51.593 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005318.D

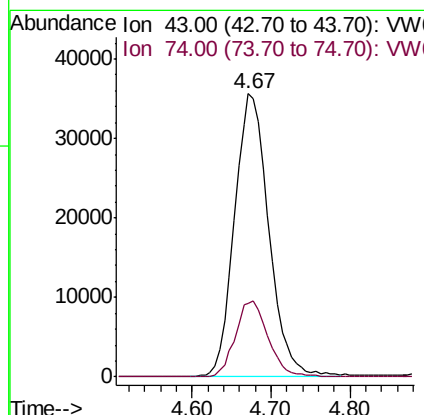
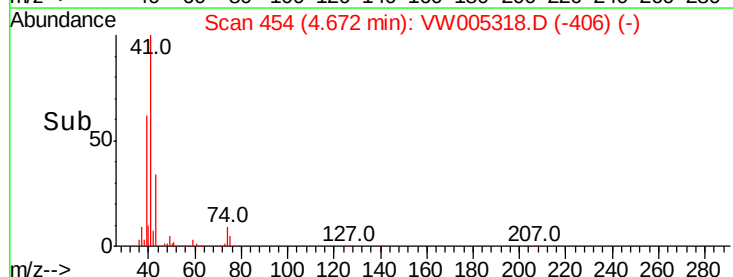
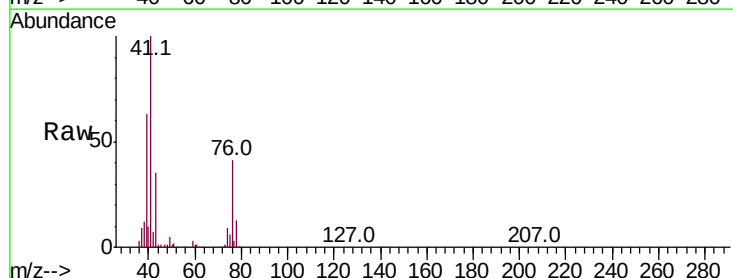
Acq: 12 Sep 2018 11:47

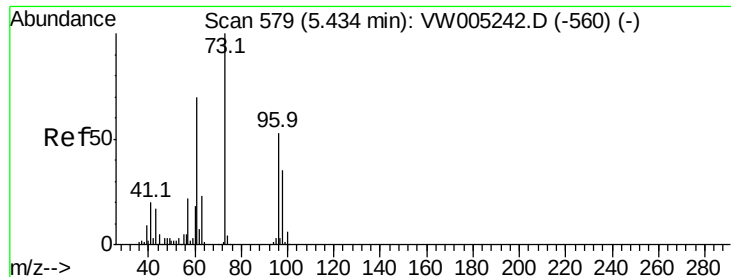
Tgt Ion: 43 Resp: 107438

Ion Ratio Lower Upper

43 100

74 25.9 21.4 32.2

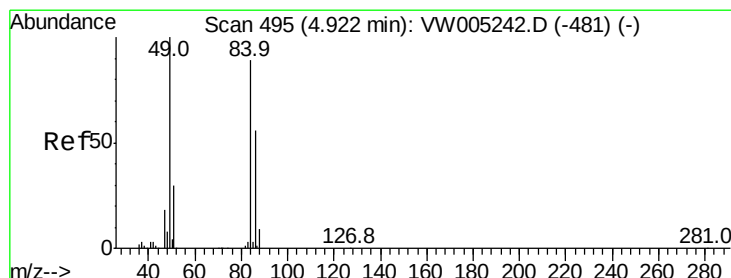
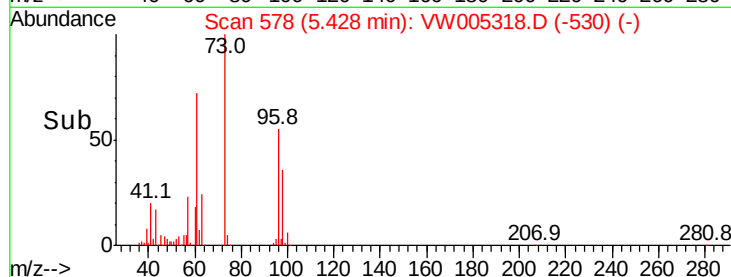
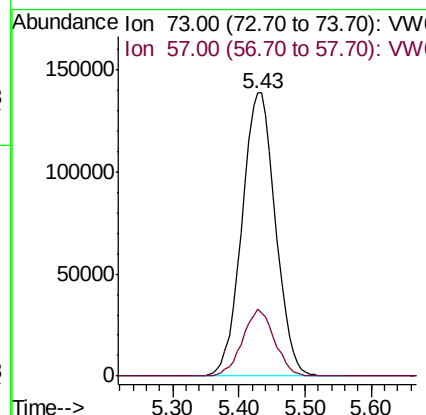
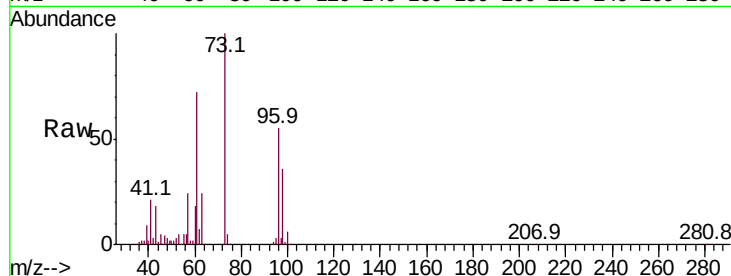




#19
Methyl tert-butyl Ether
Concen: 51.616 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

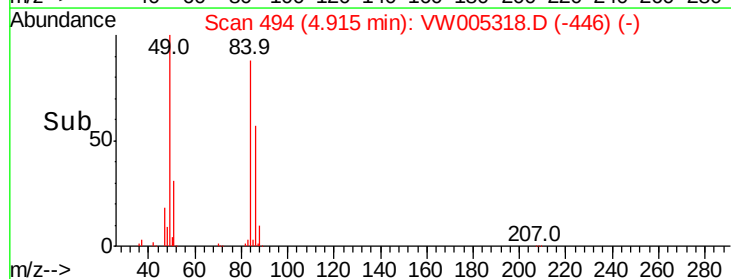
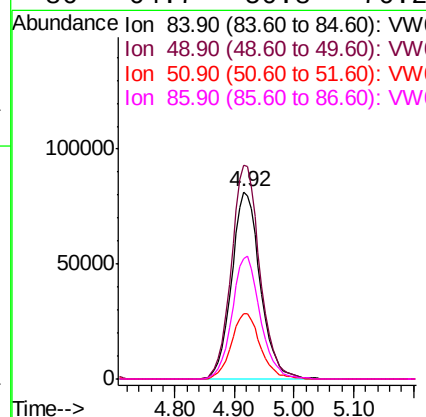
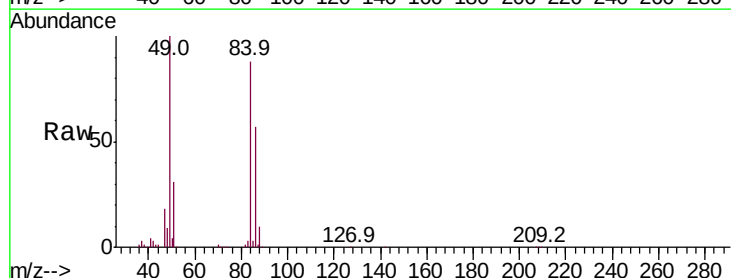
Instrument :
MSVOA_W
ClientSampled :

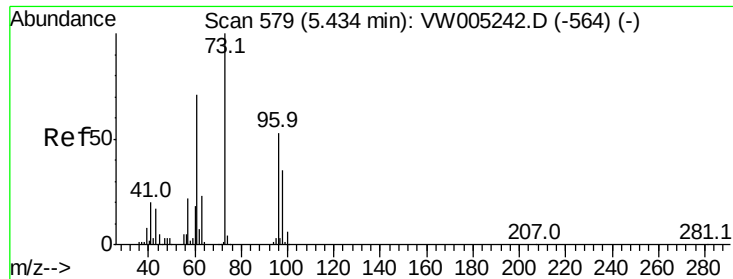
Tot Ion: 73 Resp: 487959
Ion Ratio Lower Upper
73 100
57 23.9 17.4 26.2



#20
Methylene Chloride
Concen: 52.537 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 84 Resp: 271507
Ion Ratio Lower Upper
84 100
49 114.3 90.3 135.5
51 35.0 26.9 40.3
86 64.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.429 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :

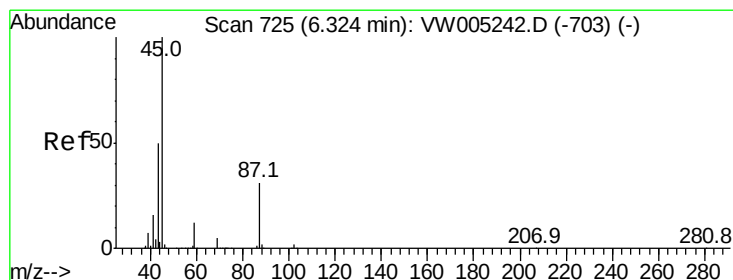
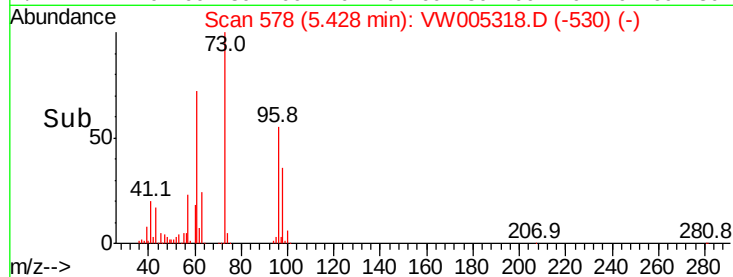
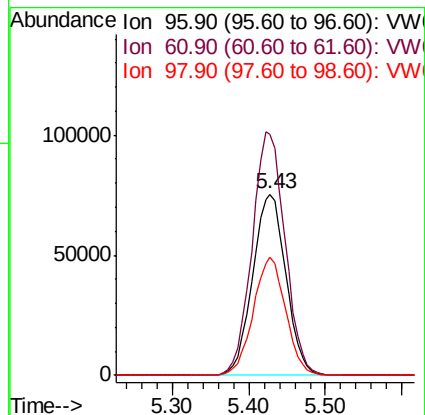
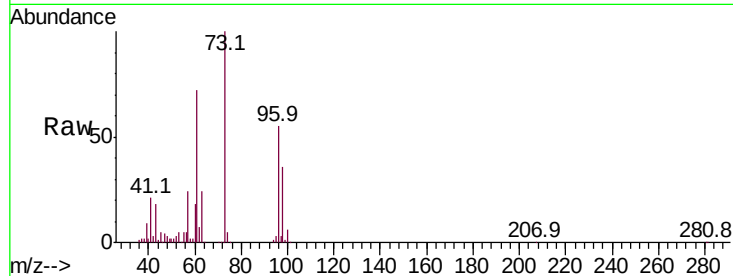
Tot Ion: 96 Resp: 229069

Ion Ratio Lower Upper

96 100

61 132.8 105.7 158.5

98 65.3 52.8 79.2



#22

Diisopropyl ether

Concen: 54.238 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion: 45 Resp: 665950

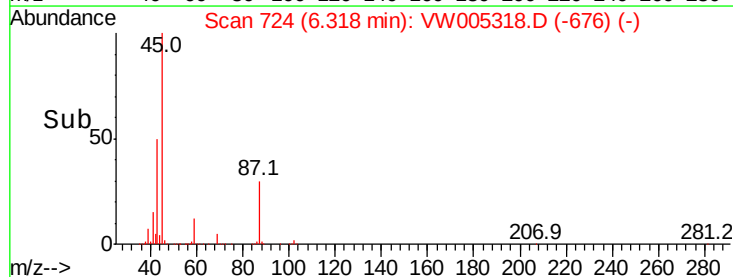
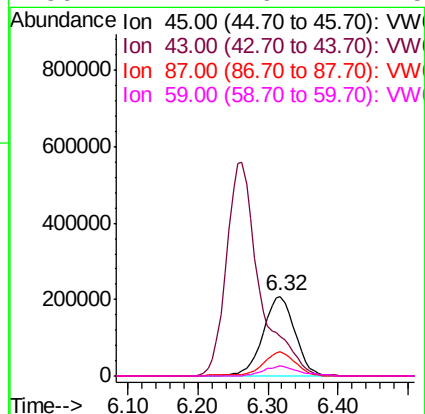
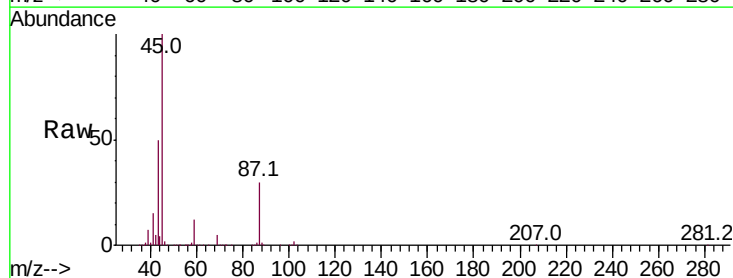
Ion Ratio Lower Upper

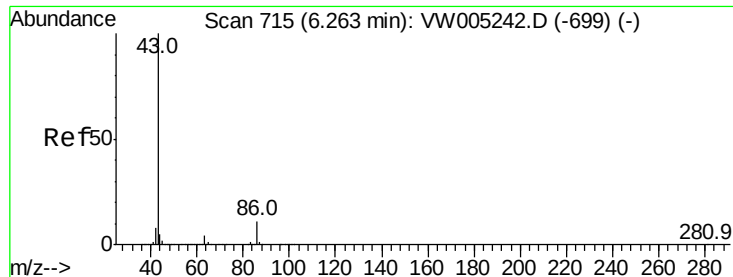
45 100

43 49.6 39.6 59.4

87 29.9 24.7 37.1

59 12.1 9.7 14.5





#23

Vinyl Acetate

Concen: 269.729 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

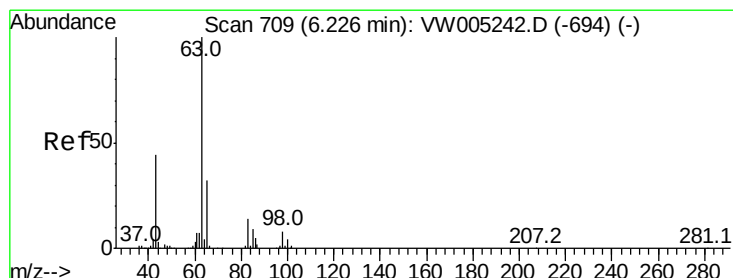
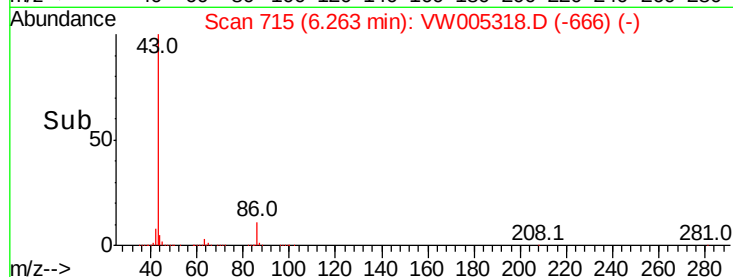
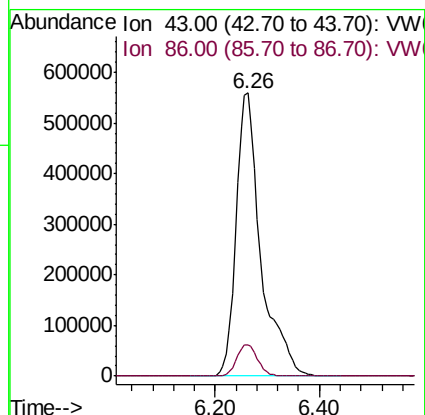
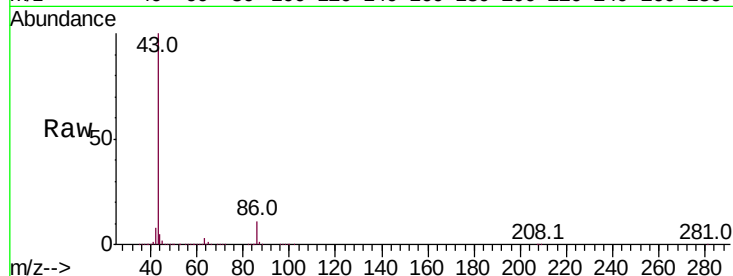
ClientSampleId :

Tot Ion: 43 Resp: 1845629

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.091 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

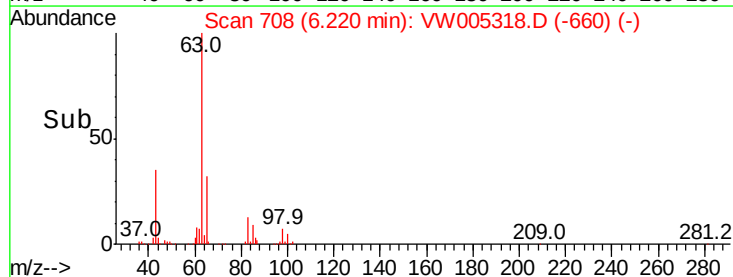
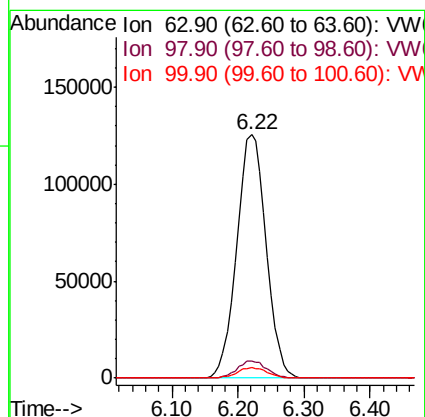
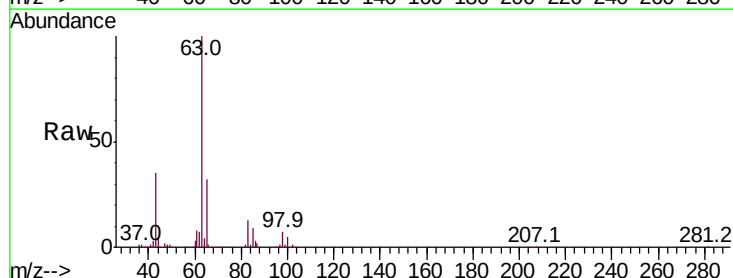
Tgt Ion: 63 Resp: 386149

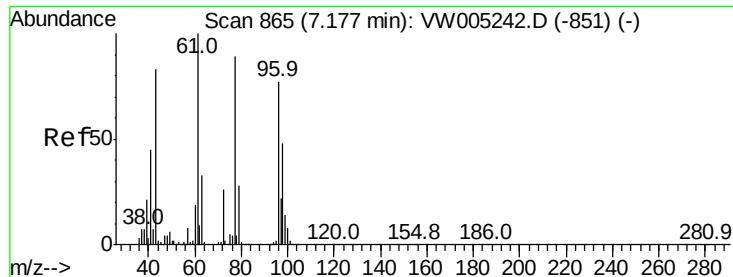
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 271.368 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

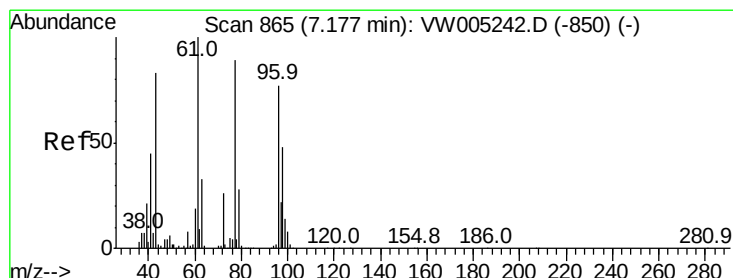
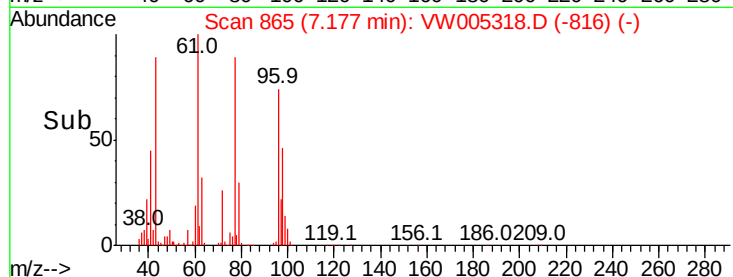
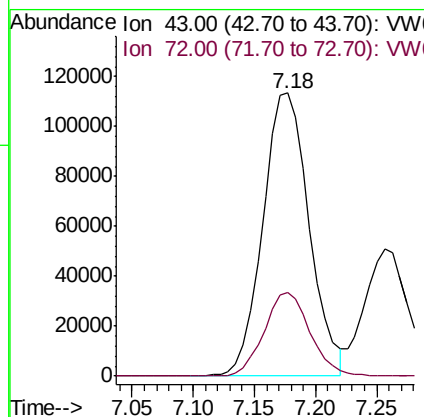
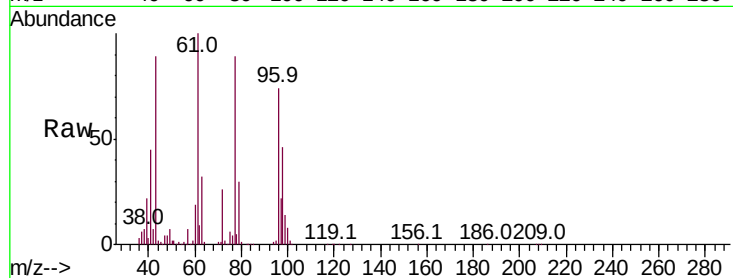
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 298602

Ion Ratio Lower Upper

43 100

72 29.6 25.0 37.6



#26

2,2-Dichloropropane

Concen: 52.850 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005318.D

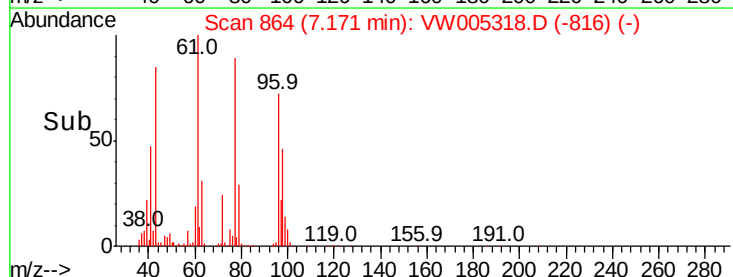
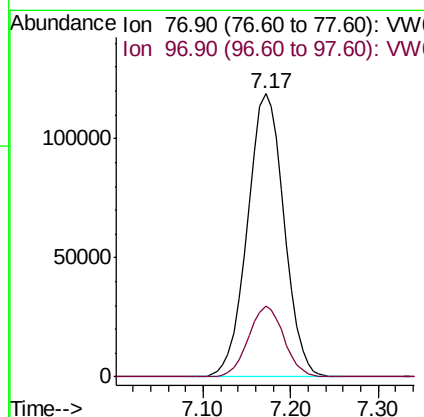
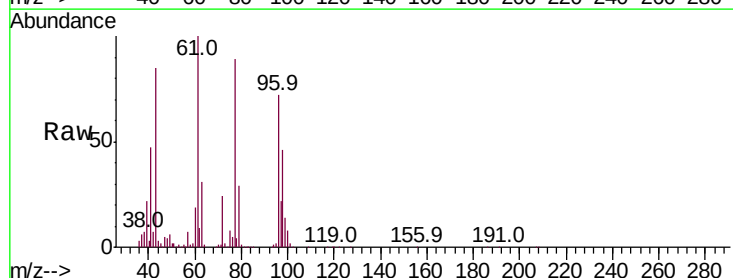
Acq: 12 Sep 2018 11:47

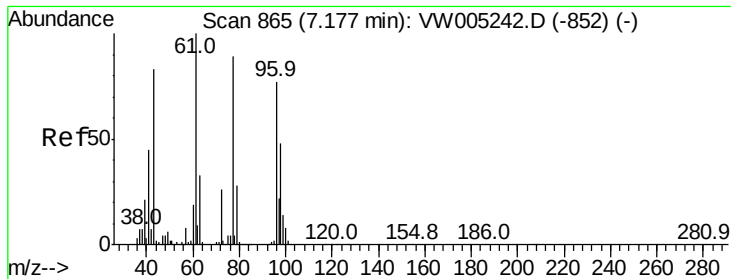
Tgt Ion: 77 Resp: 346320

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6



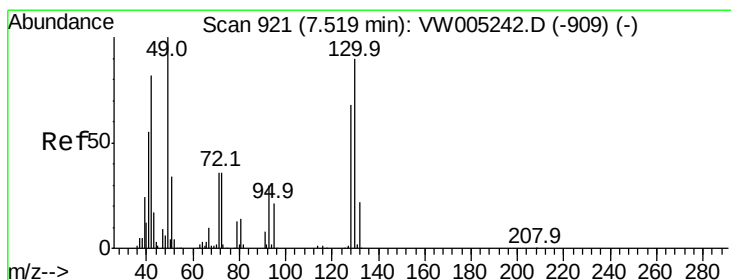
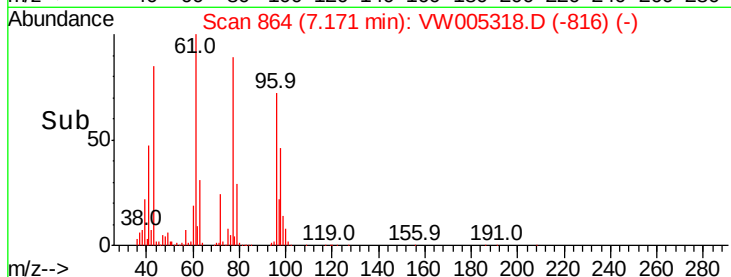
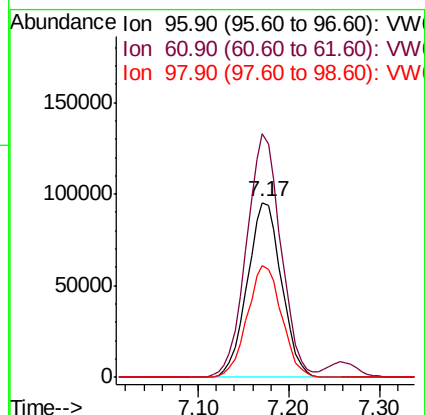
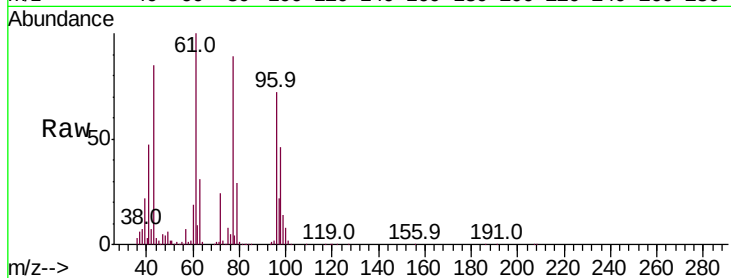


#27

cis-1,2-Dichloroethene
 Concen: 50.275 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :

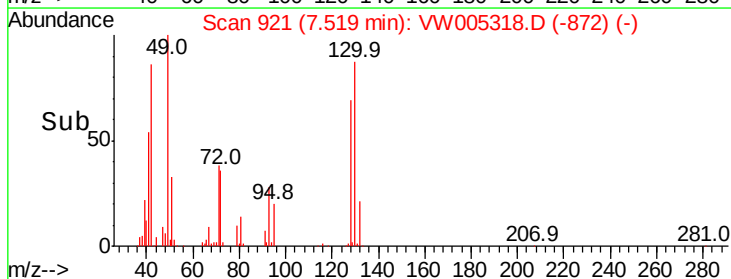
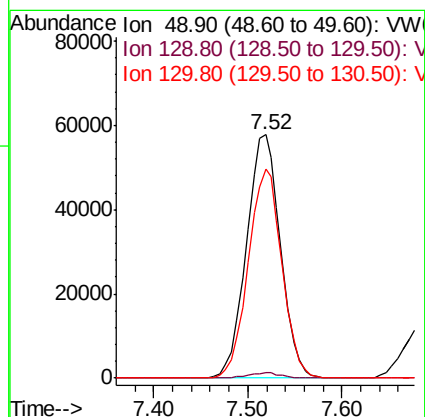
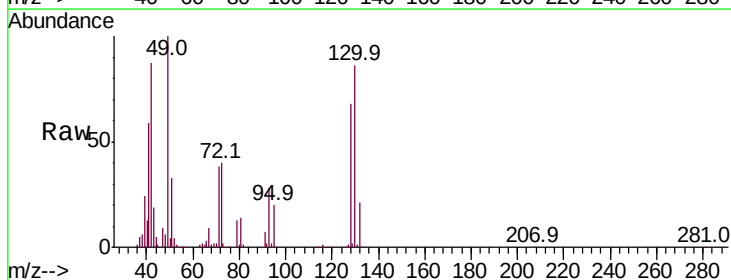
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	273.4
98	64.2	0.0	127.8

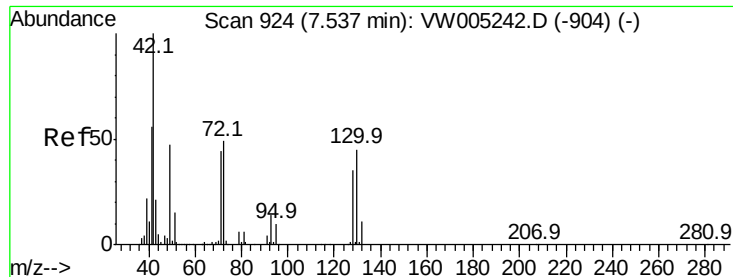


#28

Bromochloromethane
 Concen: 52.337 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.0#
130	85.1	71.2	106.8

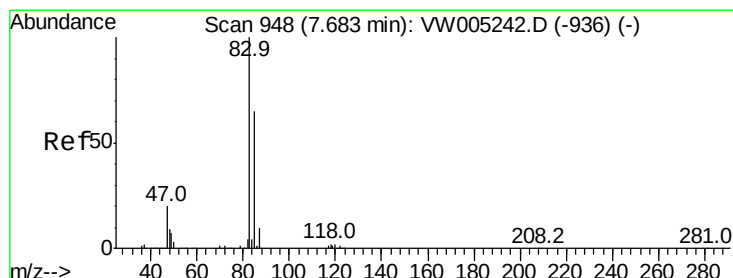
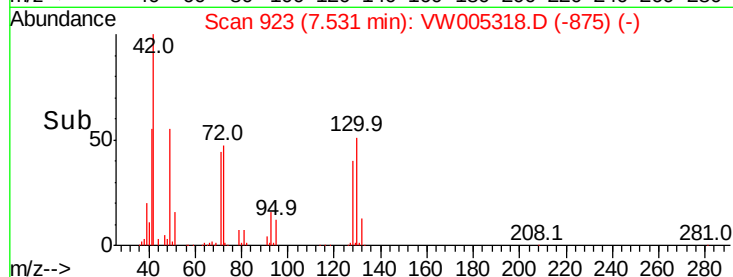
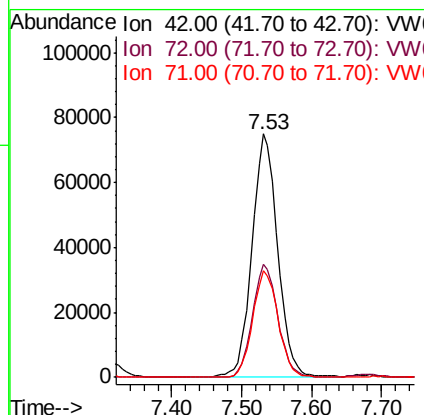
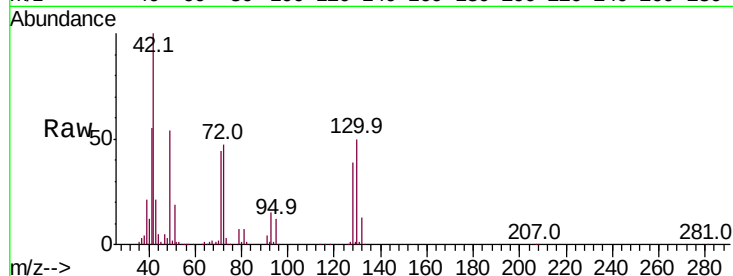




#29
Tetrahydrofuran
Concen: 257.754 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

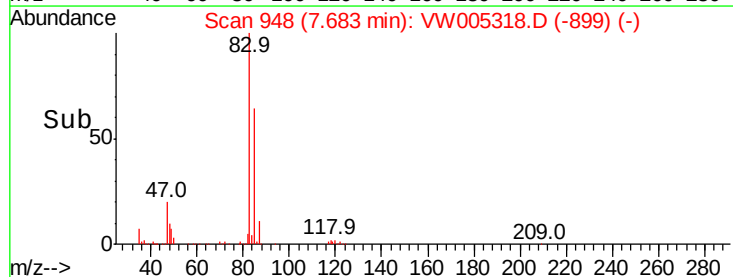
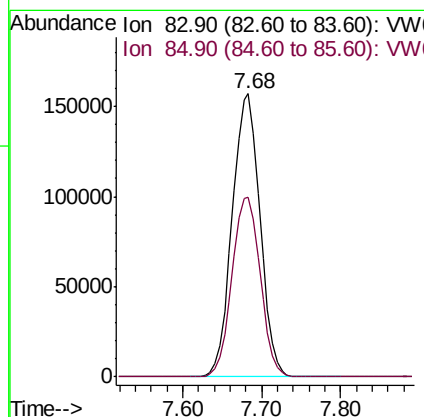
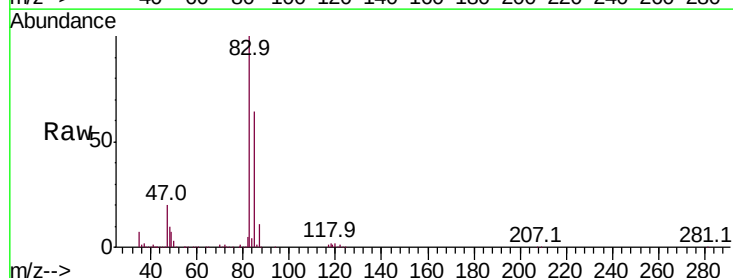
Instrument :
MSVOA_W
ClientSampleId :

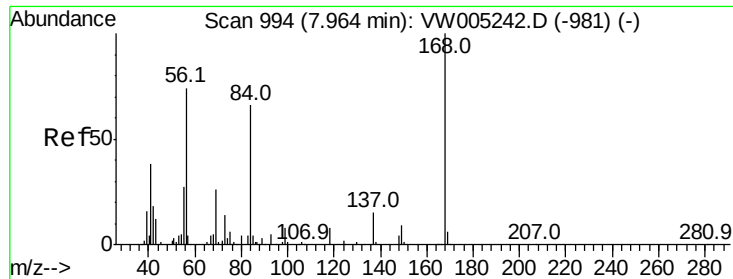
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.5	56.3
71	43.3	34.8	52.2



#30
Chloroform
Concen: 50.777 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5





#31

Cyclohexane

Concen: 52.034 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

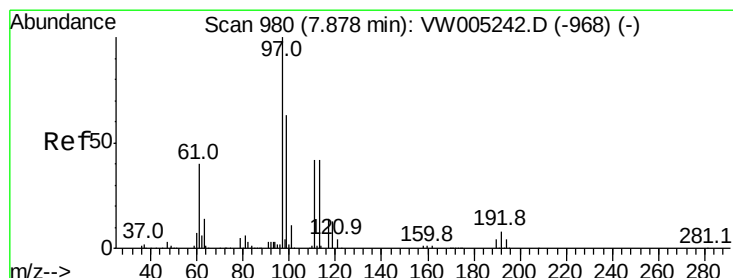
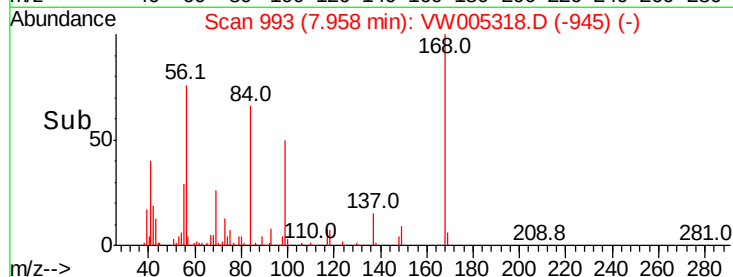
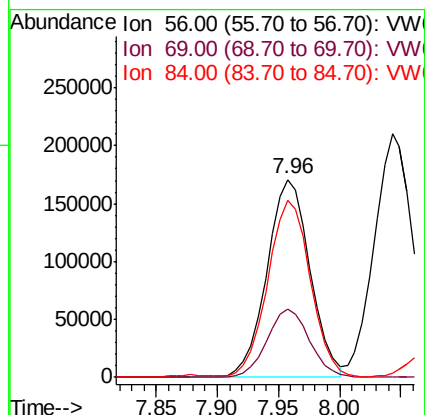
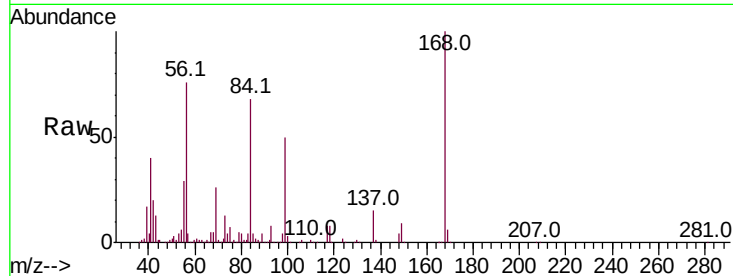
Tot Ion: 56 Resp: 418462

Ion Ratio Lower Upper

56 100

69 34.3 27.8 41.8

84 87.8 72.1 108.1



#32

1,1,1-Trichloroethane

Concen: 51.471 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

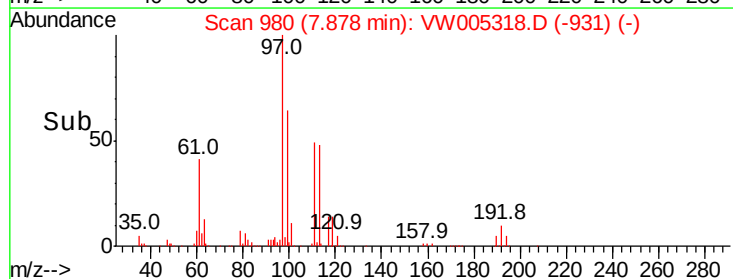
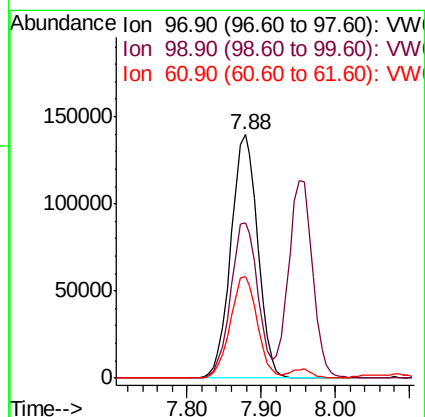
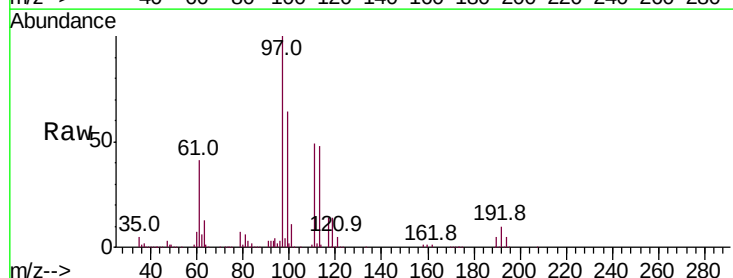
Tgt Ion: 97 Resp: 352689

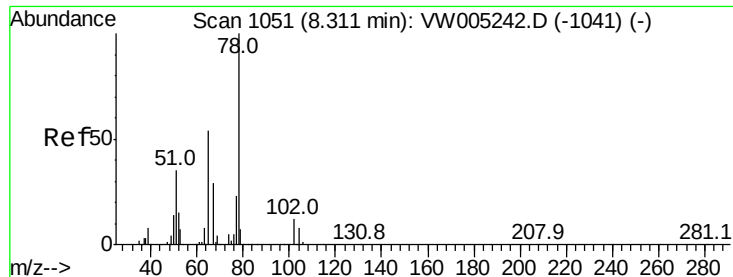
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 41.9 32.5 48.7

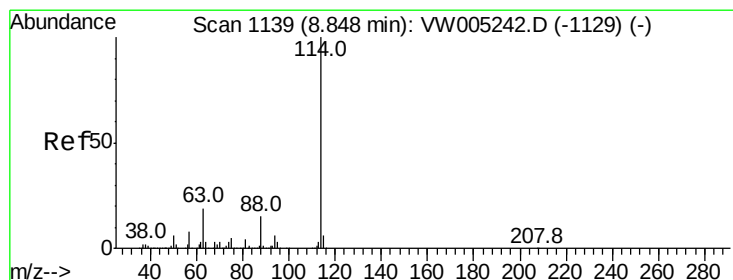
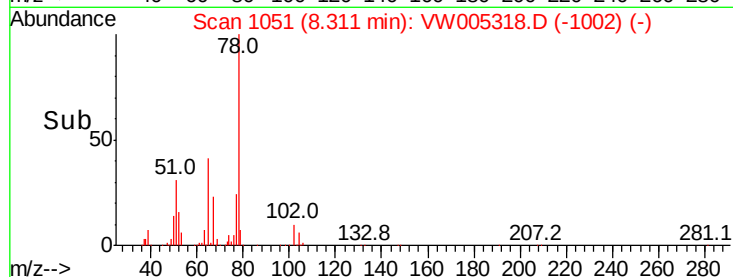
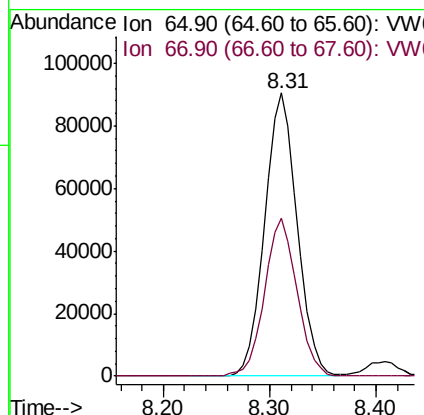
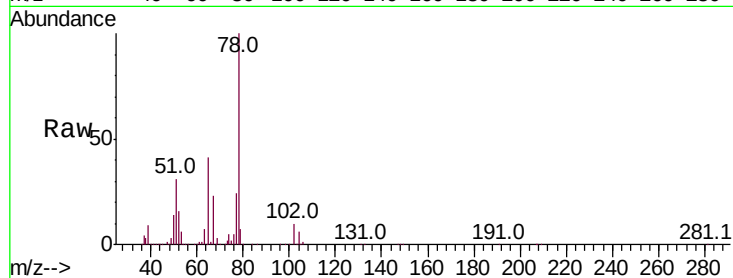




#33
 1,2-Dichloroethane-d4
 Concen: 51.268 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

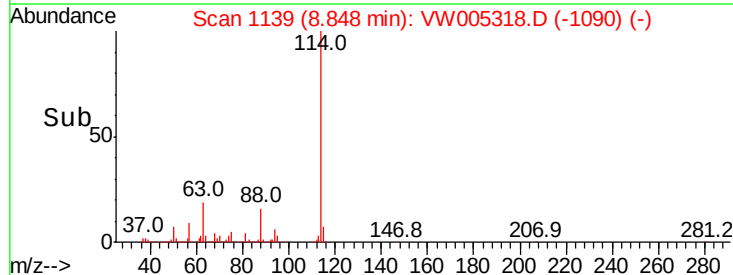
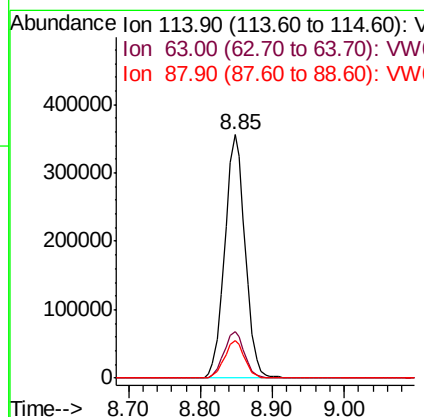
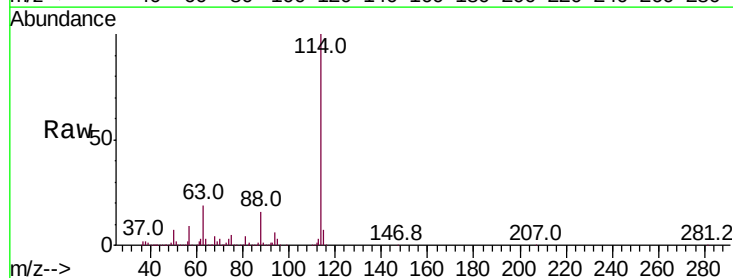
Instrument :
 MSVOA_W
 ClientSampled :

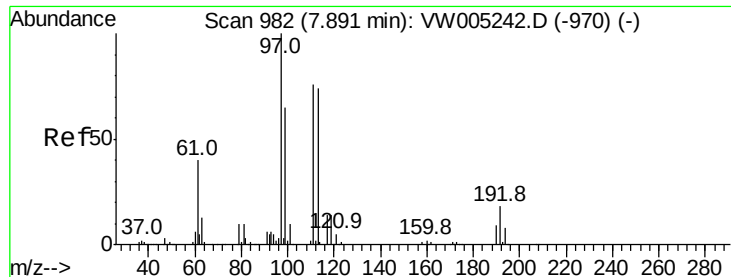
Tot Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.0
88	15.6	0.0	30.4





#35

Dibromofluoromethane

Concen: 54.822 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :

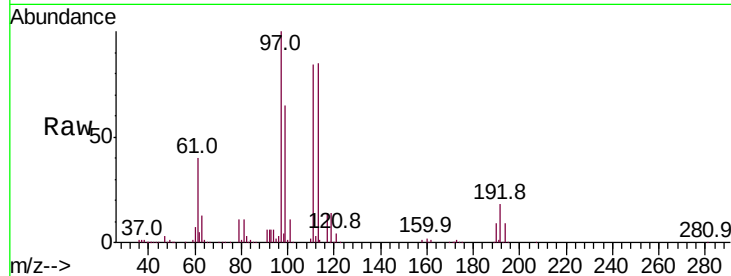
Tot Ion:113 Resp: 201158

Ion Ratio Lower Upper

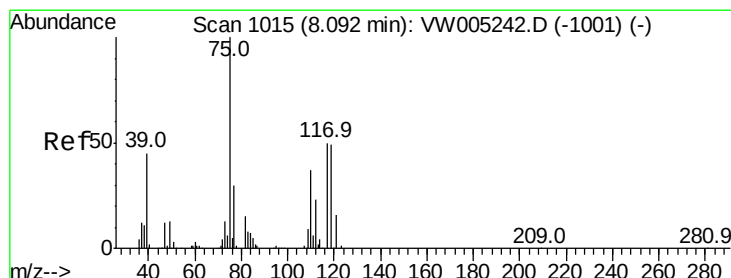
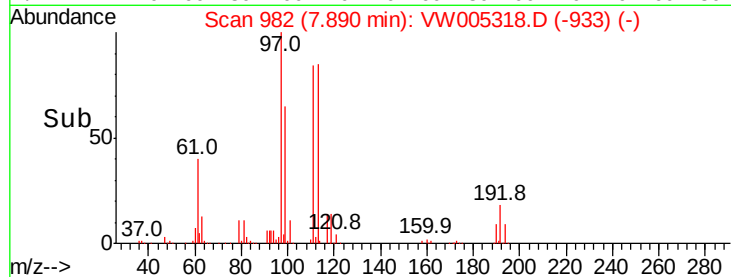
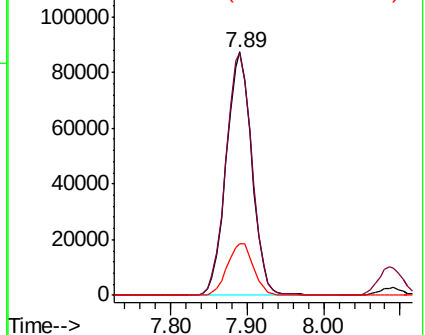
113 100

111 101.8 80.6 121.0

192 21.7 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.281 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

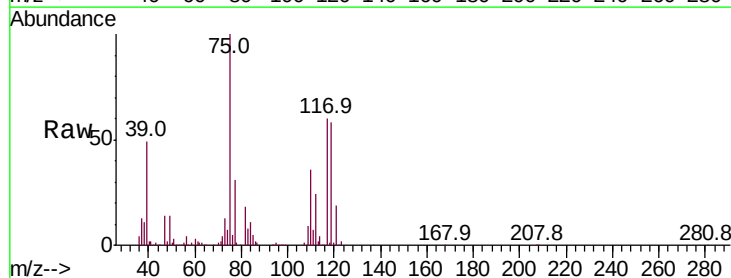
Tgt Ion: 75 Resp: 341928

Ion Ratio Lower Upper

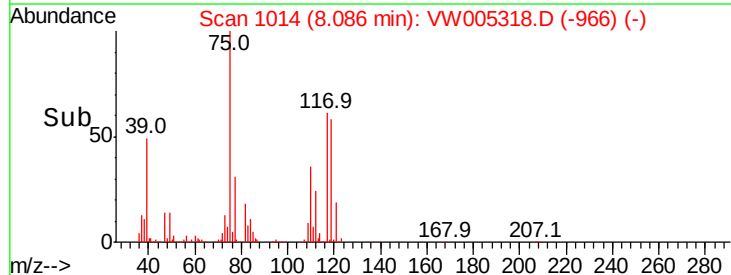
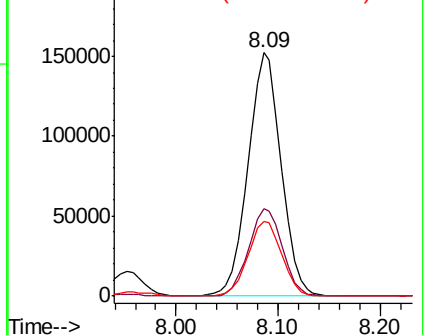
75 100

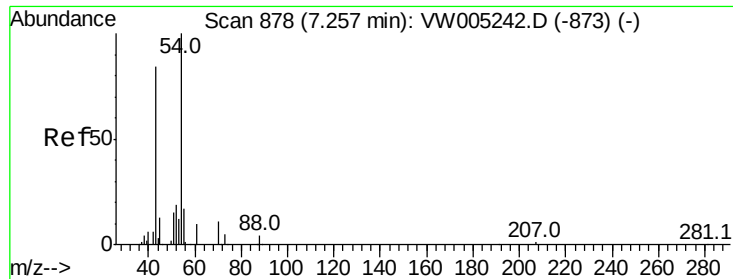
110 37.0 18.8 56.4

77 31.6 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW

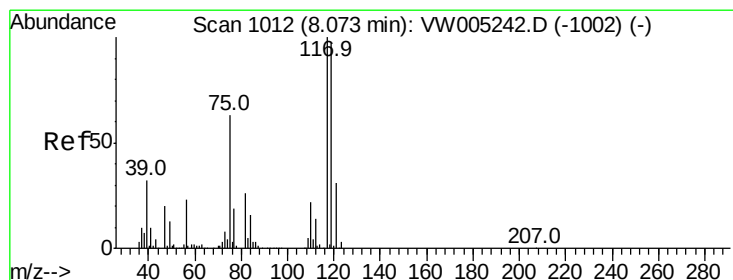
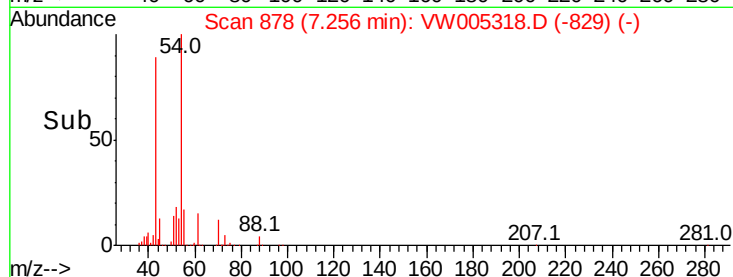
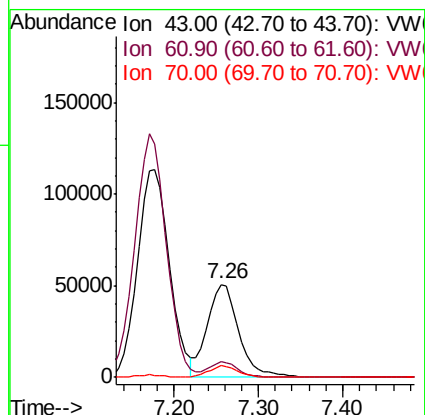
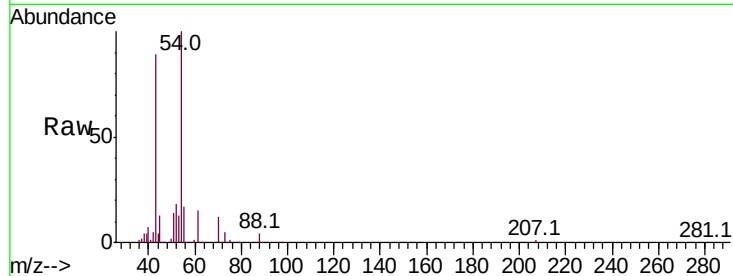




#37
Ethyl Acetate
Concen: 53.759 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

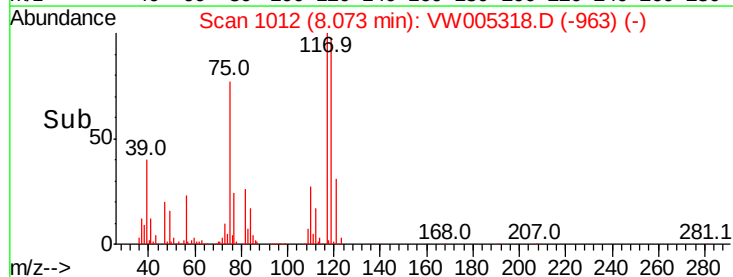
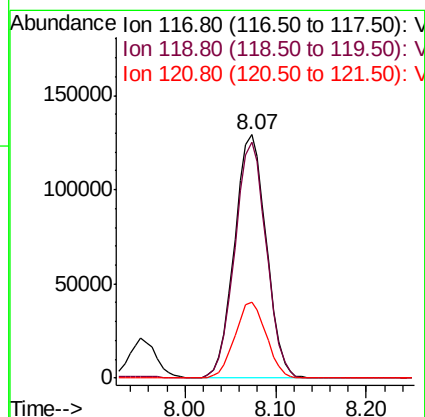
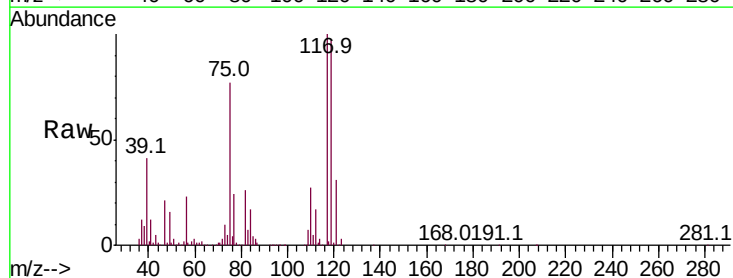
Instrument :
MSVOA_W
ClientSampleId :

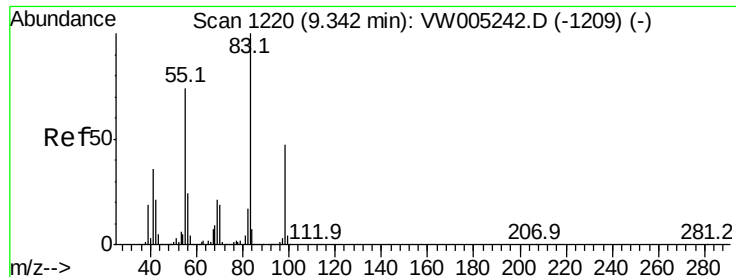
Tot Ion: 43 Resp: 131224
Ion Ratio Lower Upper
43 100
61 15.0 12.3 18.5
70 11.7 9.5 14.3



#38
Carbon Tetrachloride
Concen: 52.282 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 117 Resp: 314293
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 31.2 24.7 37.1

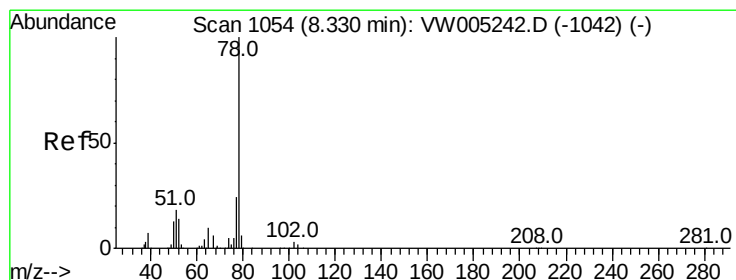
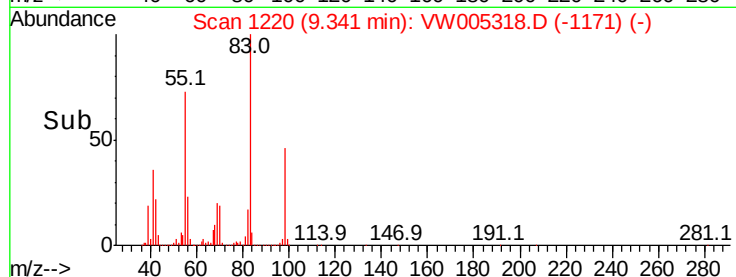
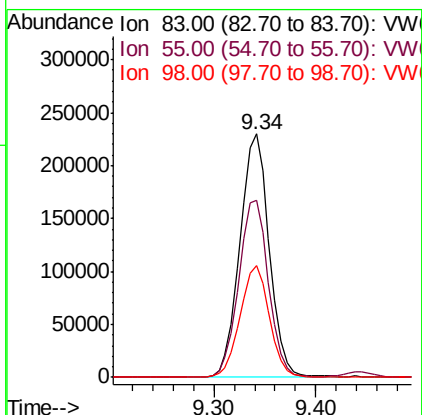
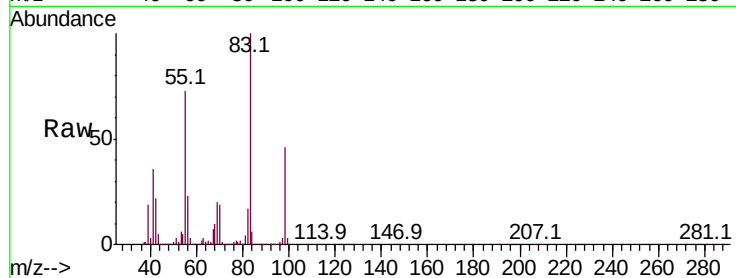




#39
Methylvlcyclohexane
Concen: 54.041 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

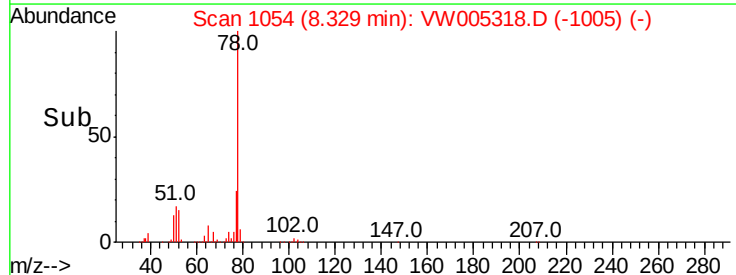
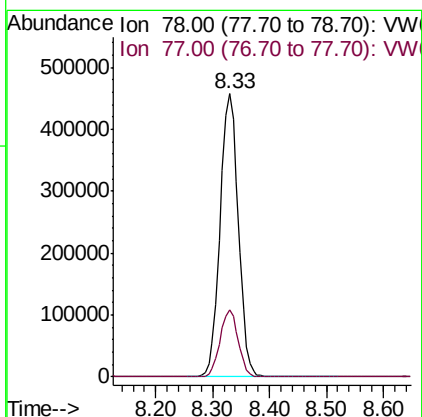
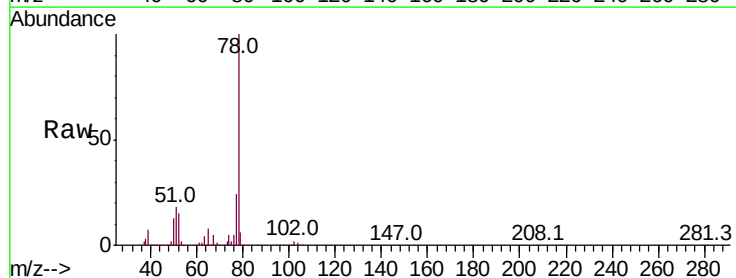
Instrument :
MSVOA_W
ClientSampleId :

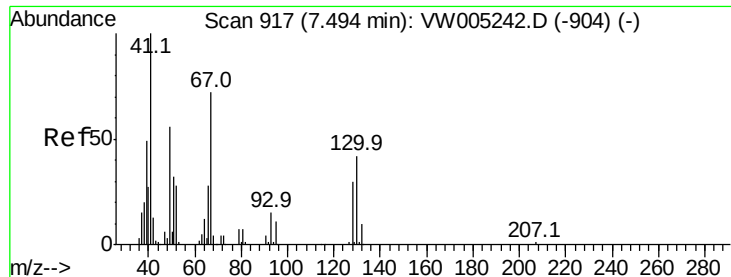
Tot Ion	83	Resp	460464
Ion Ratio	100	Lower	Upper
55	72.5	58.9	88.3
98	45.9	37.6	56.4



#40
Benzene
Concen: 53.515 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	78	Resp	1011779
Ion Ratio	100	Lower	Upper
77	23.6	18.9	28.3

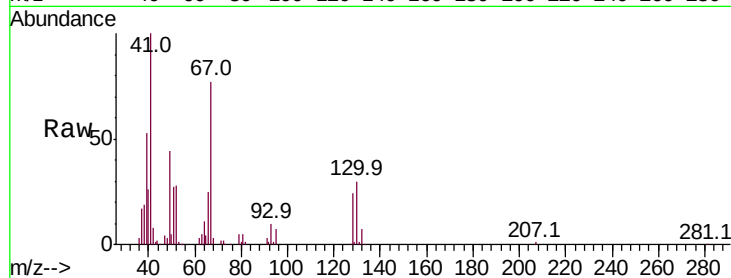




#41
Methacrylonitrile
Concen: 60.117 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	75286
Ion	Ratio	Lower	Upper
41	100		
39	57.1	39.9	59.9
67	78.4	65.7	98.5
52	30.4	25.1	37.7



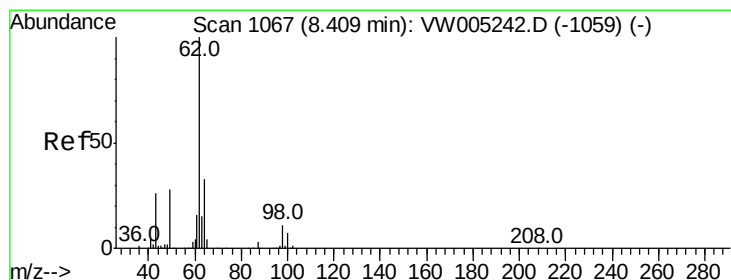
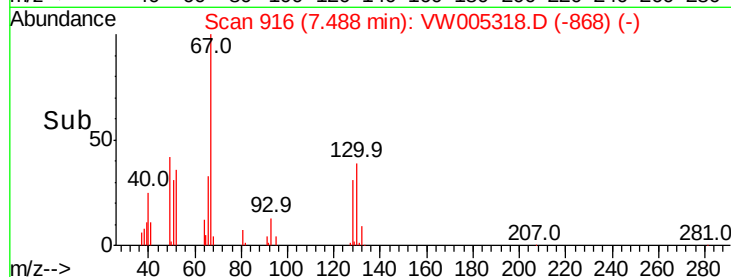
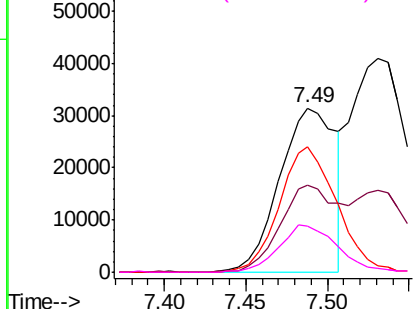
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

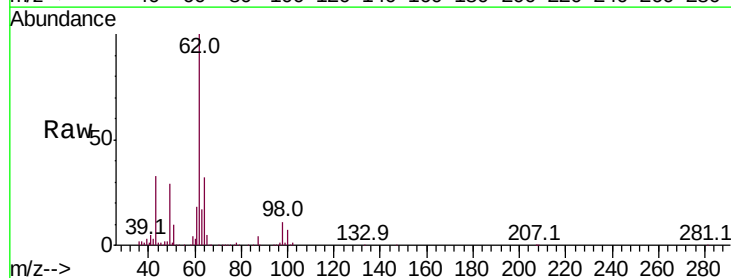
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 51.119 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

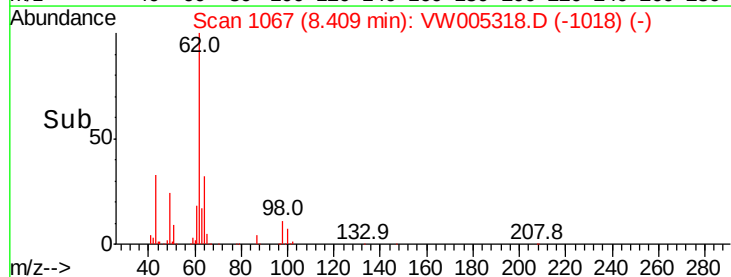
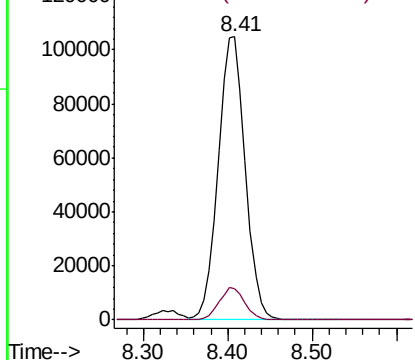
Tgt Ion:	62	Resp:	231216
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

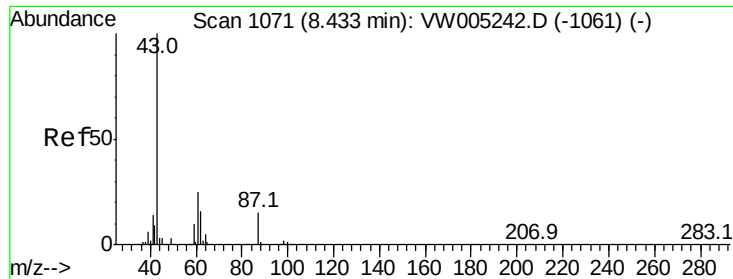


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.435 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampled :

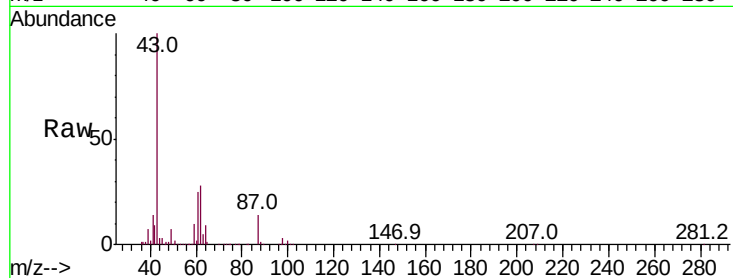
Tot Ion: 43 Resp: 242213

Ion Ratio Lower Upper

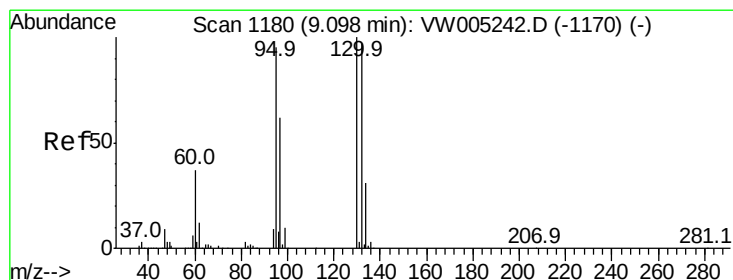
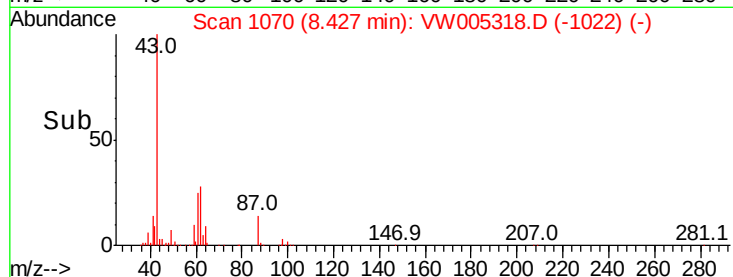
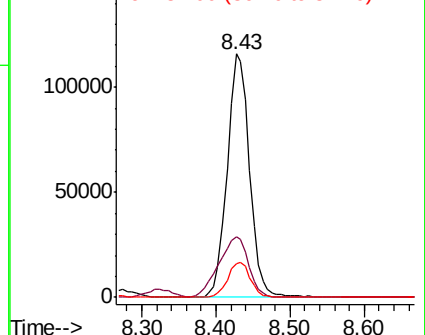
43 100

61 32.9 25.4 38.0

87 14.5 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 52.290 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005318.D

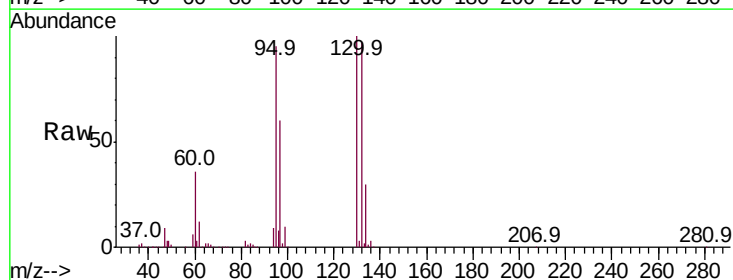
Acq: 12 Sep 2018 11:47

Tgt Ion:130 Resp: 271215

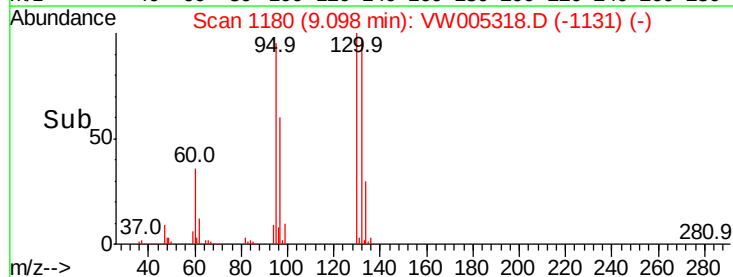
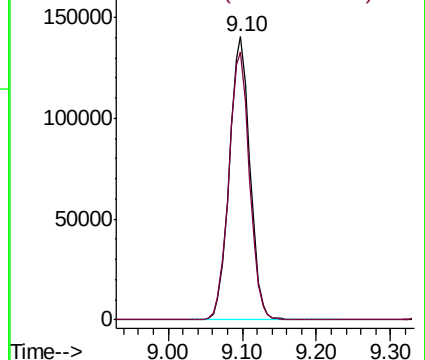
Ion Ratio Lower Upper

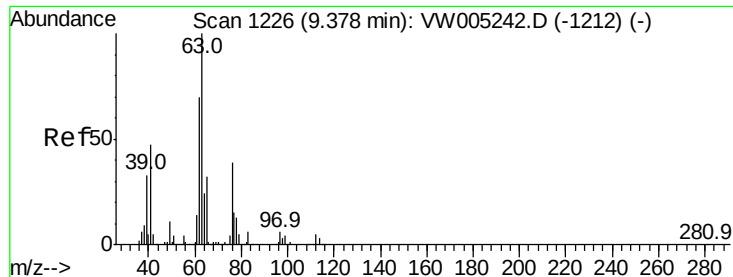
130 100

95 94.6 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 53.325 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

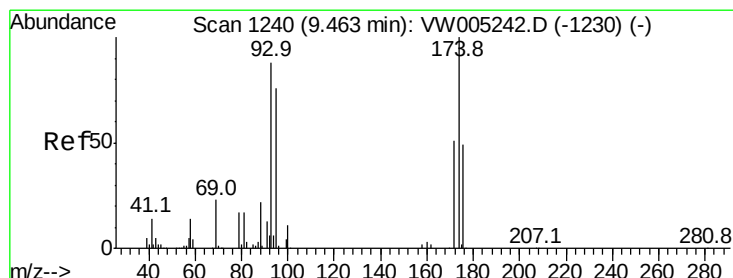
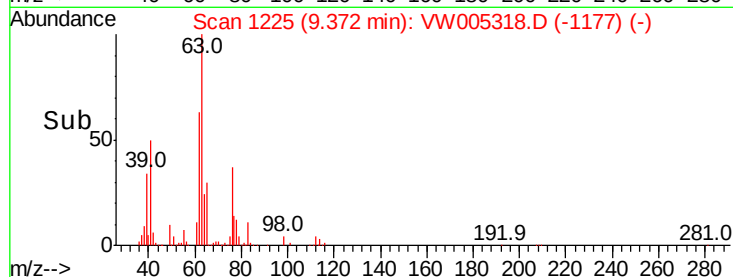
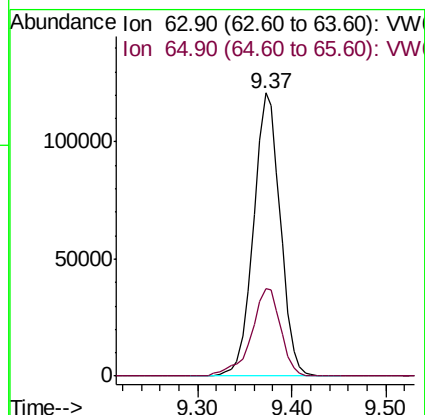
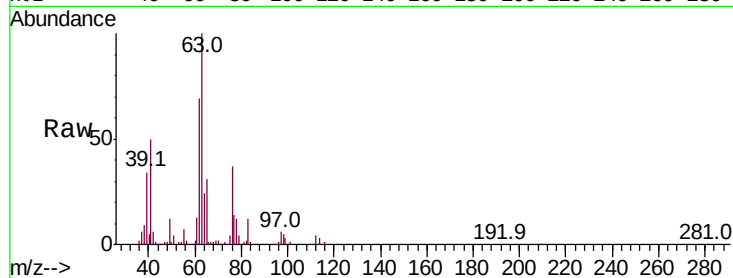
ClientSampled :

Tot Ion: 63 Resp: 242333

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 50.447 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

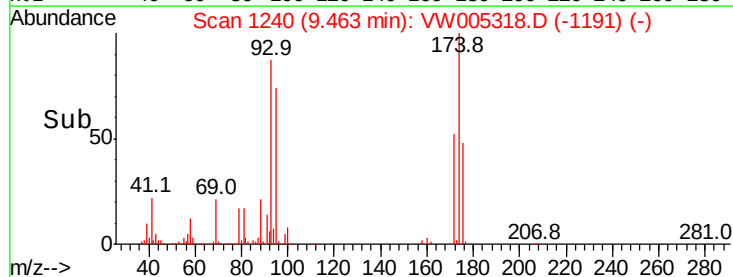
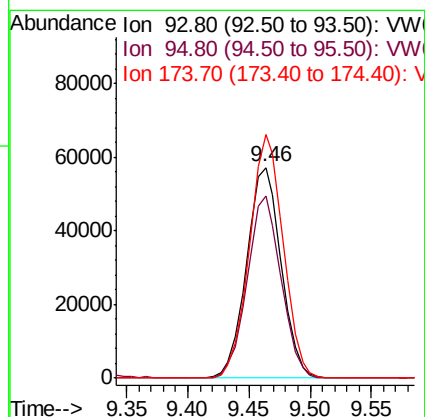
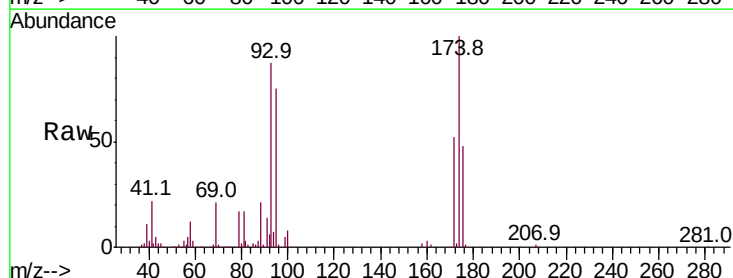
Tgt Ion: 93 Resp: 112217

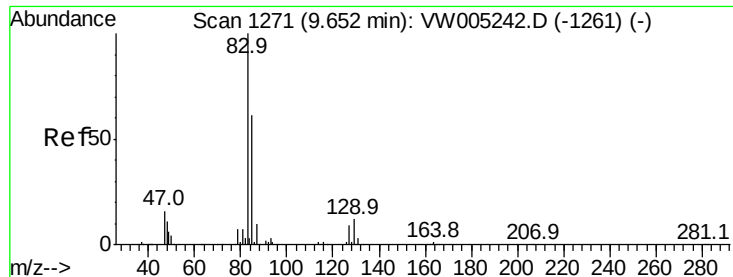
Ion Ratio Lower Upper

93 100

95 84.6 67.0 100.4

174 113.0 92.2 138.2





#47

Bromodichloromethane

Concen: 52.663 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

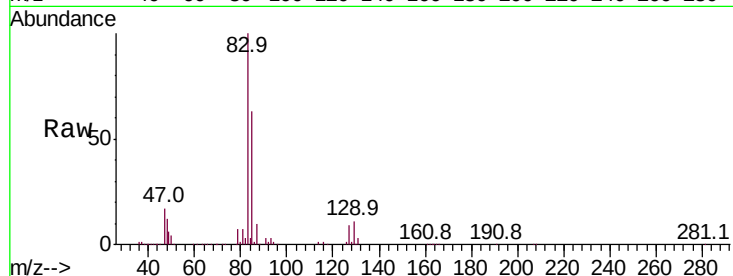
Tot Ion: 83 Resp: 286570

Ion Ratio Lower Upper

83 100

85 62.7 49.0 73.6

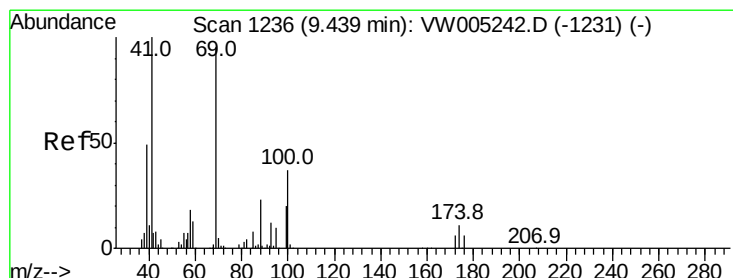
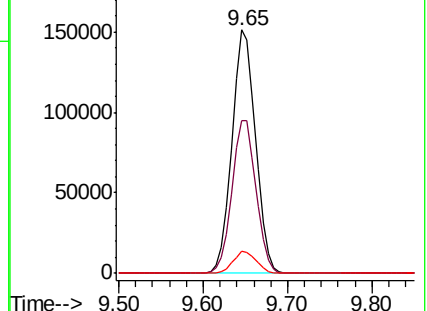
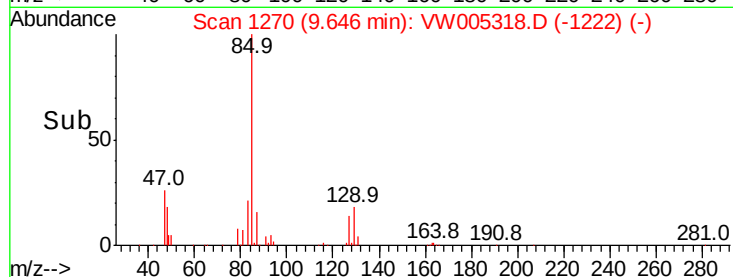
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.053 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

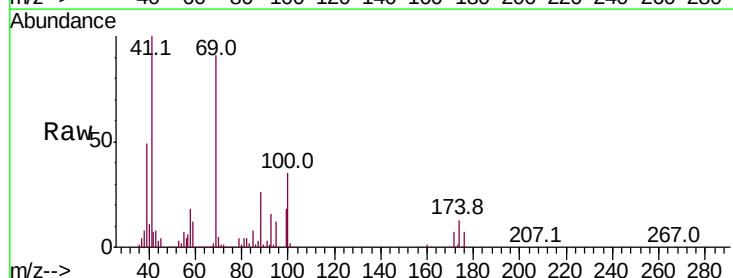
Tgt Ion: 41 Resp: 122514

Ion Ratio Lower Upper

41 100

69 98.7 74.6 112.0

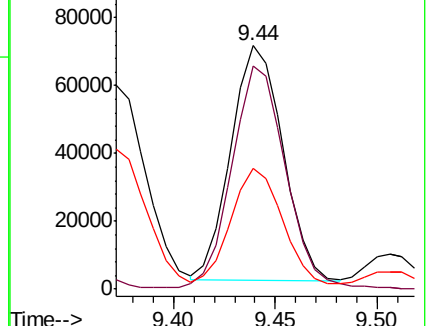
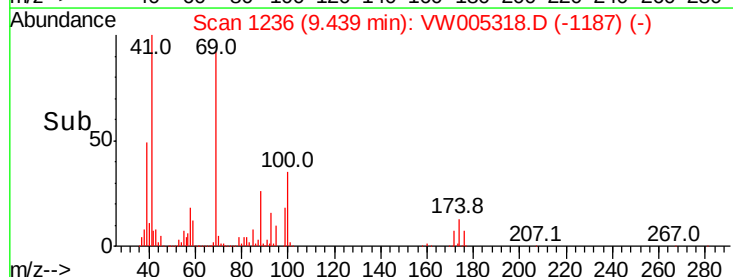
39 48.6 36.7 55.1

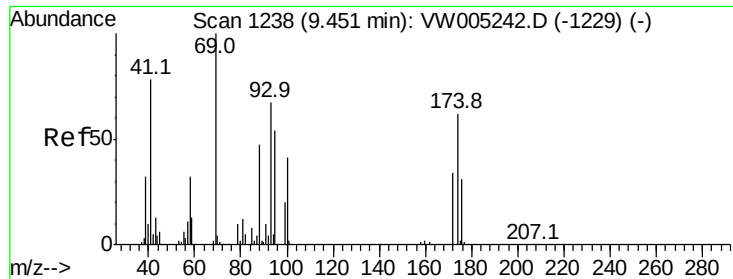


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1173.235 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampled :

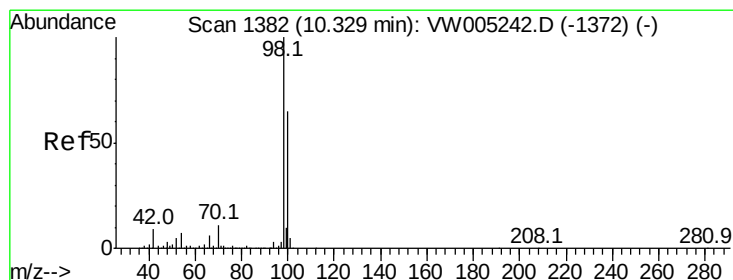
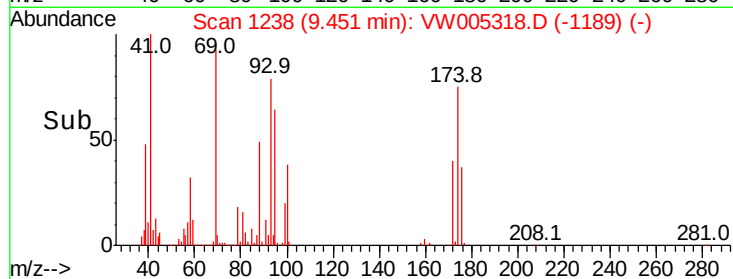
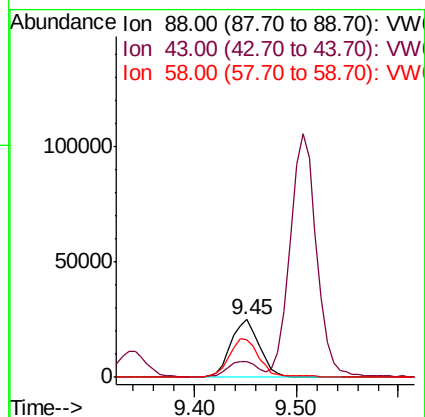
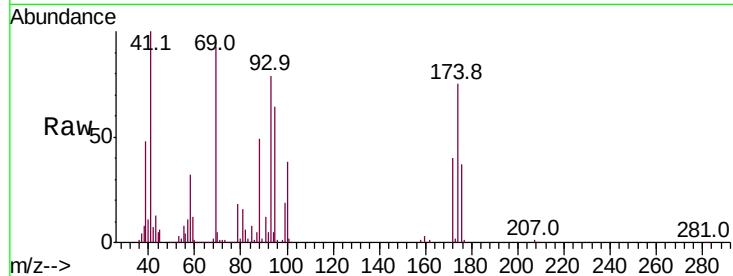
Tot Ion: 88 Resp: 48726

Ion Ratio Lower Upper

88 100

43 27.9 22.7 34.1

58 68.4 56.6 85.0



#50

Toluene-d8

Concen: 54.659 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005318.D

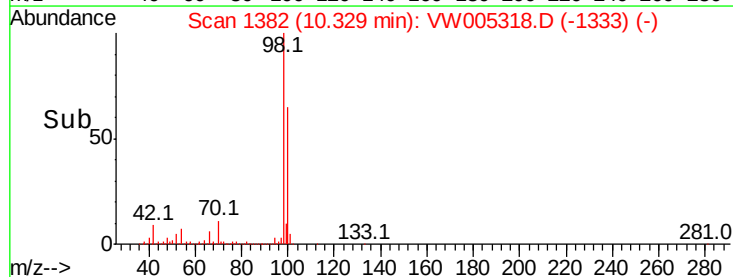
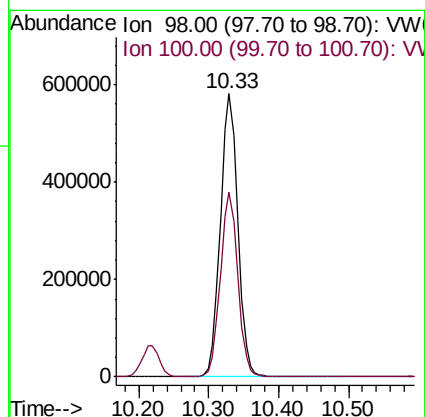
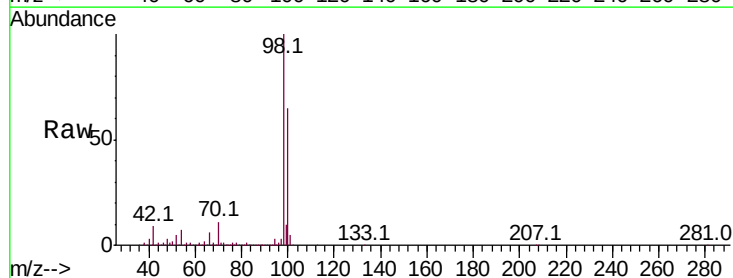
Acq: 12 Sep 2018 11:47

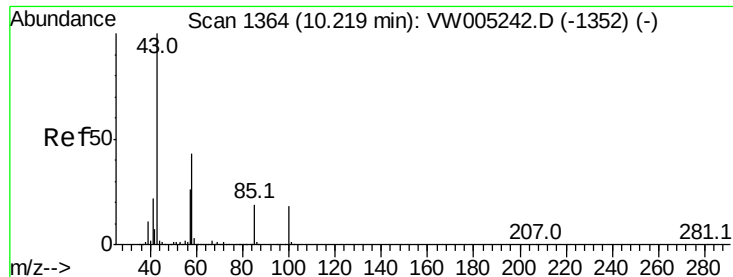
Tgt Ion: 98 Resp: 1013458

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

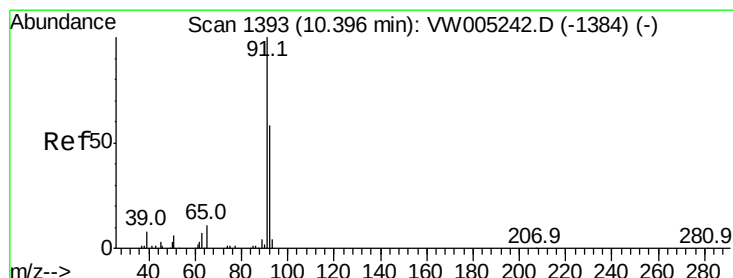
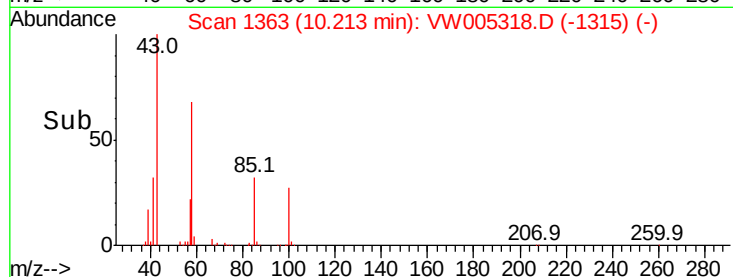
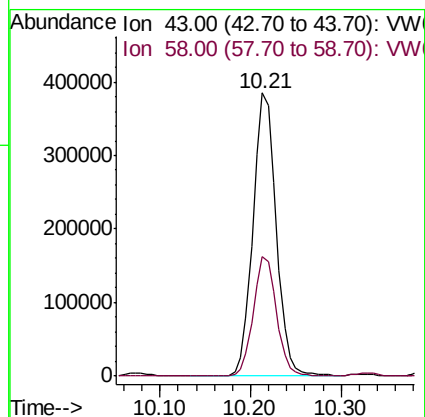
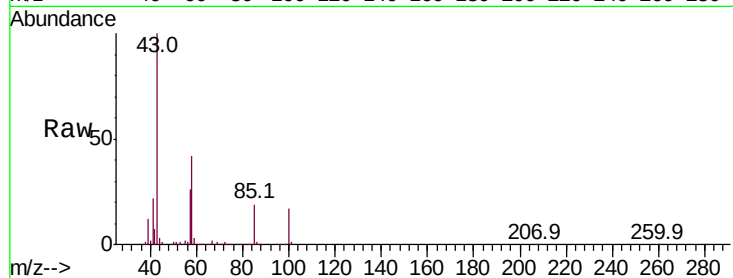




#51
4-Methyl-2-Pentanone
Concen: 268.521 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

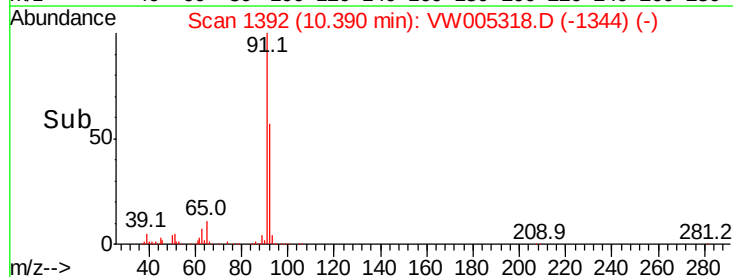
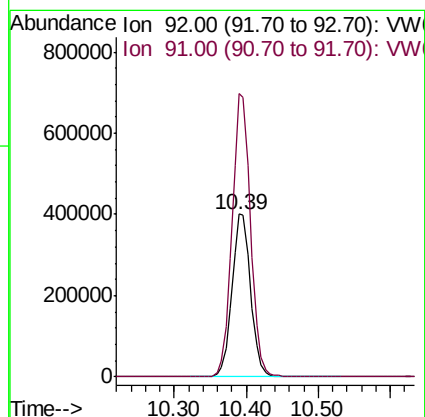
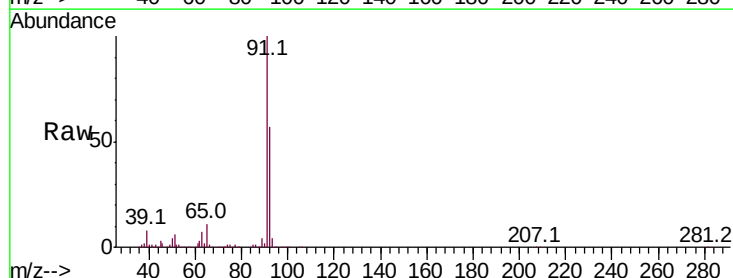
Instrument :
MSVOA_W
ClientSampled :

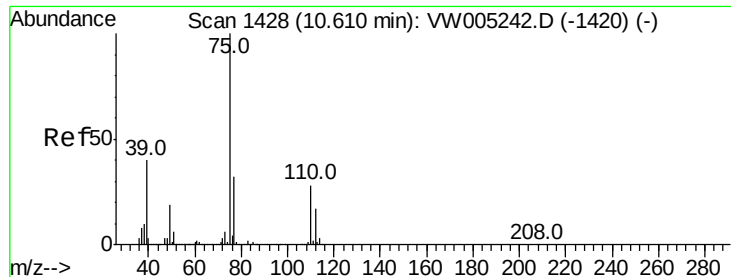
Tot Ion: 43 Resp: 684960
Ion Ratio Lower Upper
43 100
58 42.2 33.8 50.6



#52
Toluene
Concen: 52.617 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 92 Resp: 723016
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.369 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

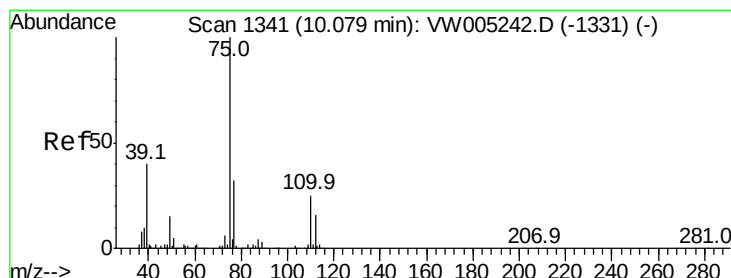
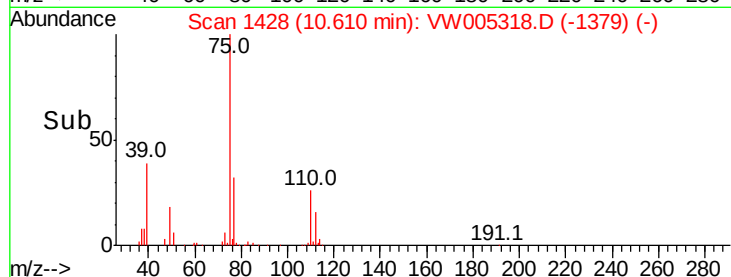
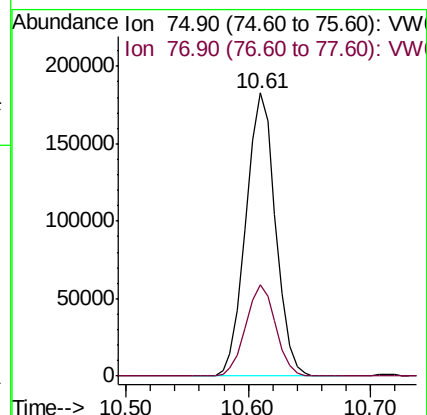
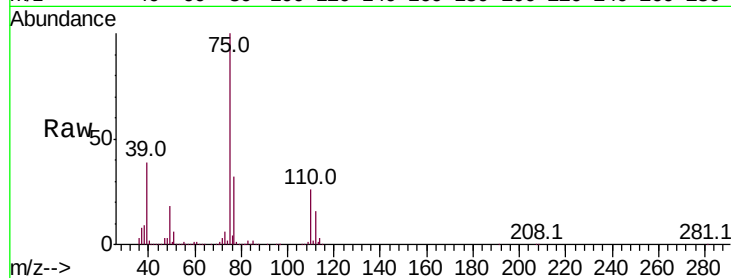
ClientSampleId :

Tot Ion: 75 Resp: 307970

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 52.650 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

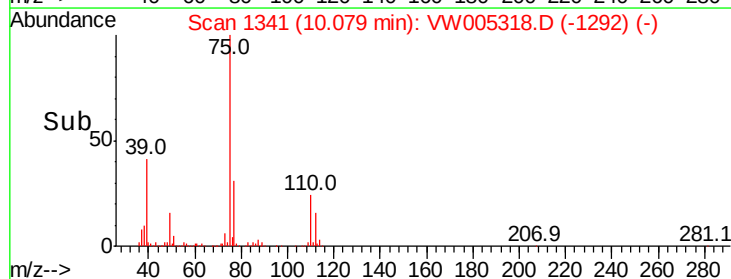
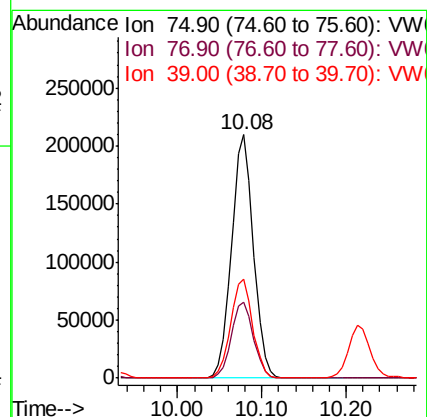
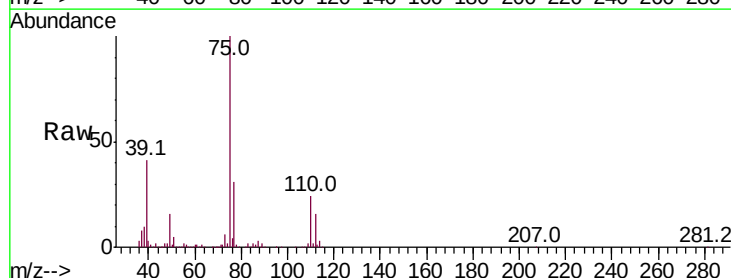
Tgt Ion: 75 Resp: 370777

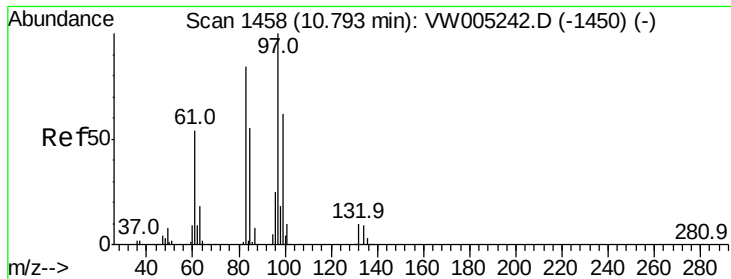
Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 40.7 31.8 47.6





#55

1,1,2-Trichloroethane

Concen: 50.181 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005318.D

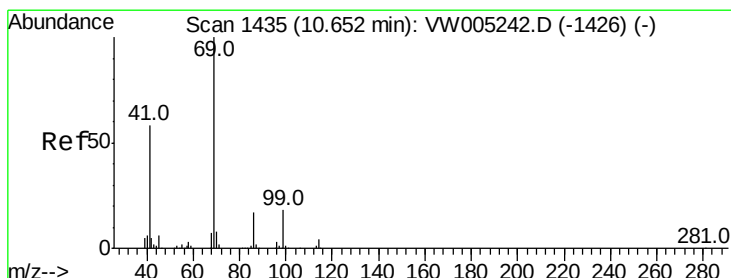
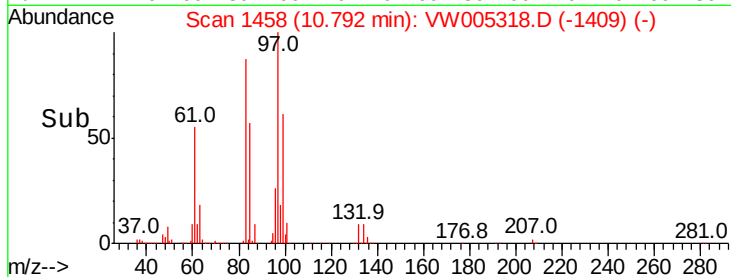
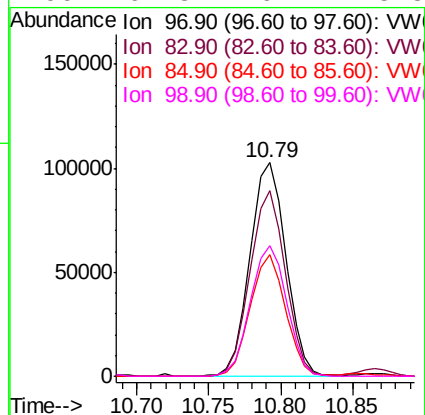
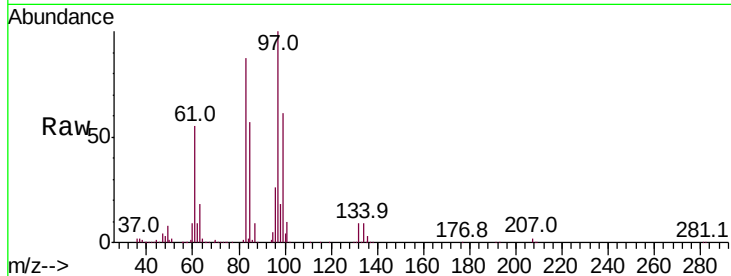
Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	97	Resp:	177980
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.2	100.8
85	56.8	44.4	66.6
99	61.3	49.2	73.8



#56

Ethyl methacrylate

Concen: 54.125 ug/l

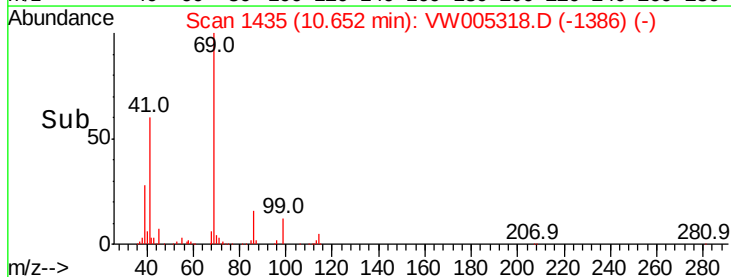
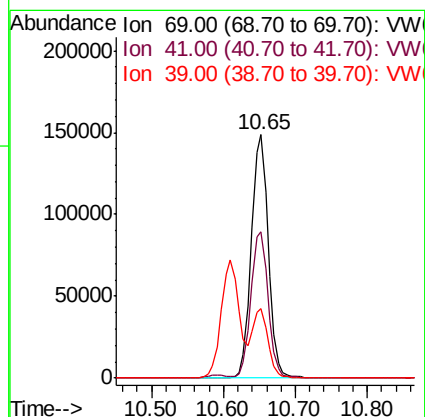
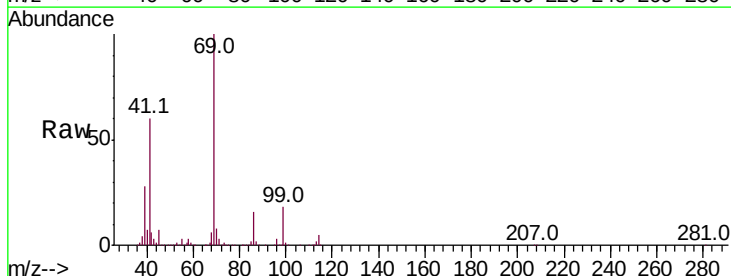
RT: 10.65 min Scan# 1435

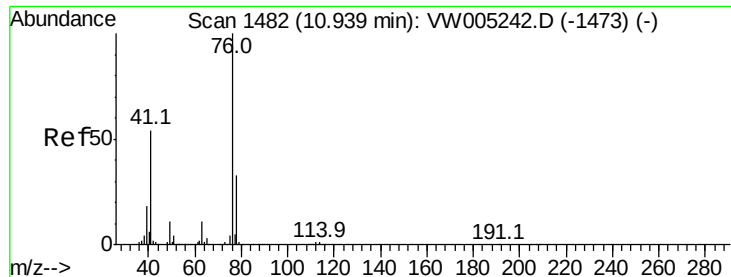
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:	69	Resp:	243371
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.7	73.1
39	25.7	20.9	31.3





#57

1,3-Dichloropropane

Concen: 51.901 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

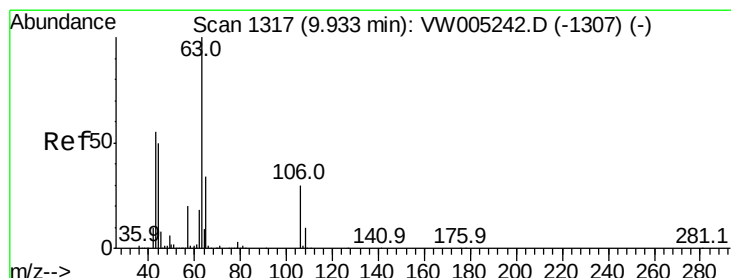
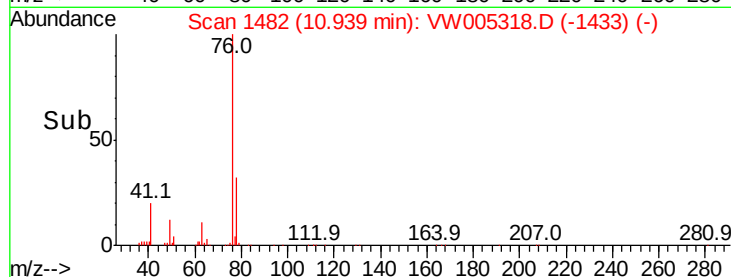
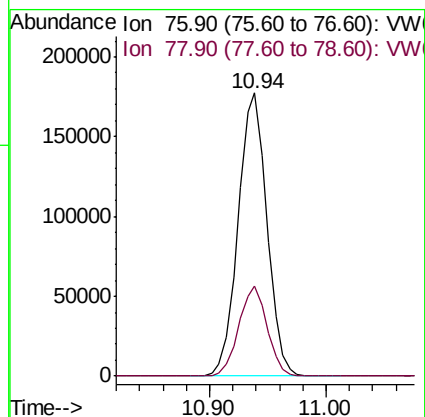
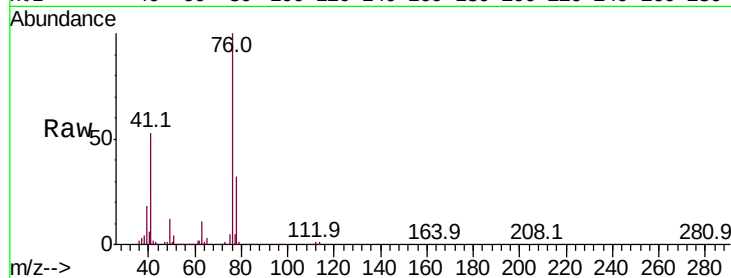
ClientSampleId :

Tot Ion: 76 Resp: 305671

Ion Ratio Lower Upper

76 100

78 31.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 272.824 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005318.D

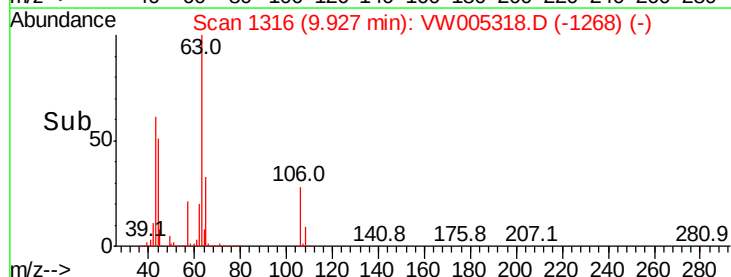
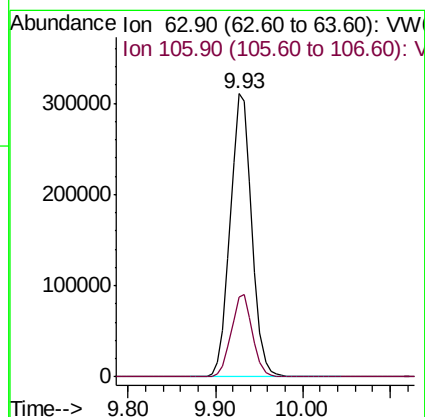
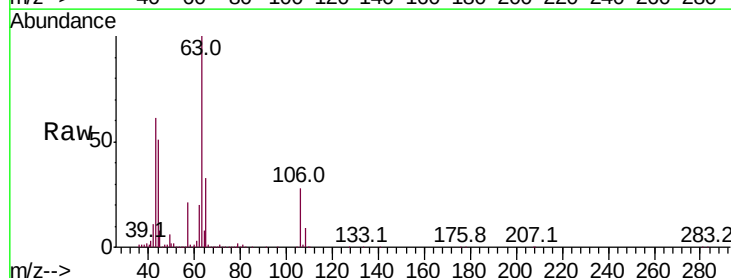
Acq: 12 Sep 2018 11:47

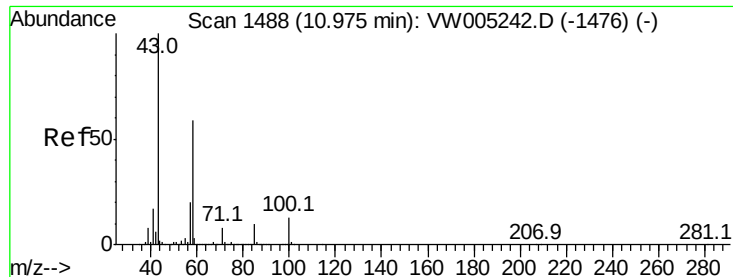
Tgt Ion: 63 Resp: 533193

Ion Ratio Lower Upper

63 100

106 28.4 23.4 35.0

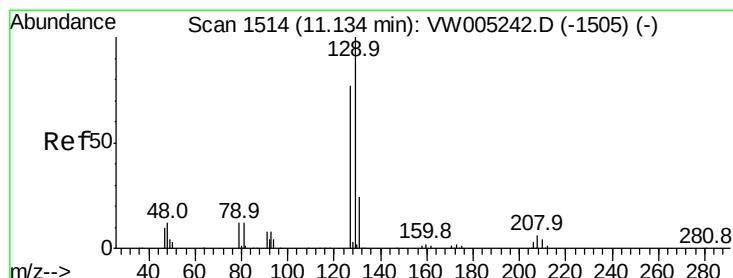
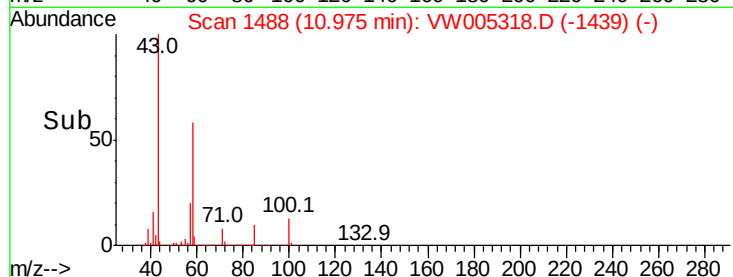
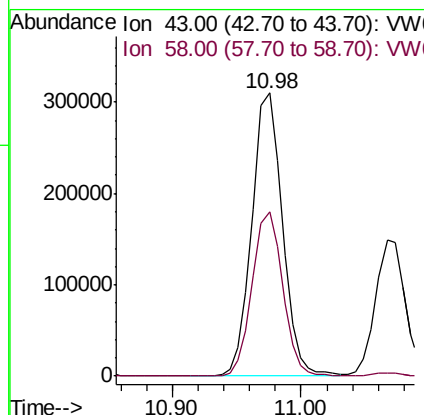
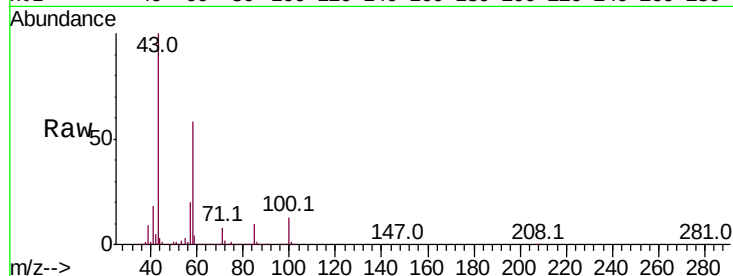




#59
2-Hexanone
Concen: 275.877 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

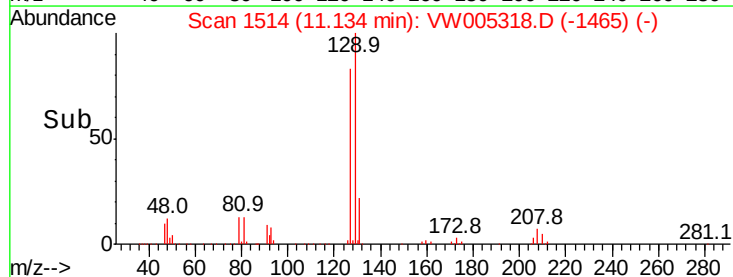
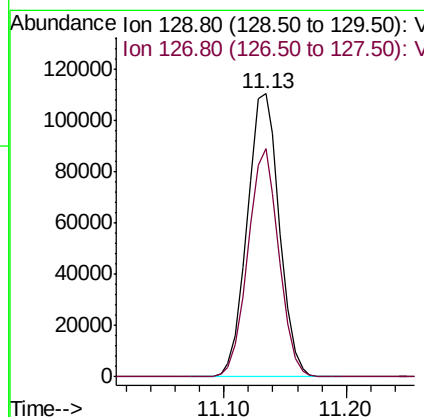
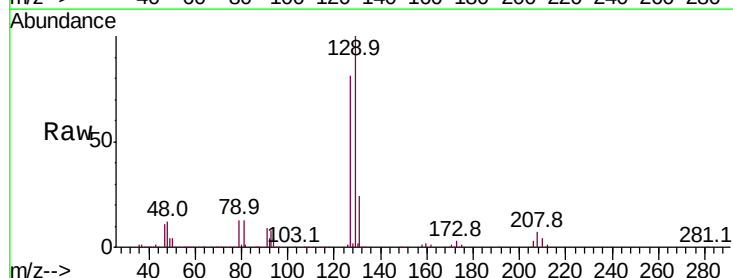
Instrument :
MSVOA_W
ClientSampleId :

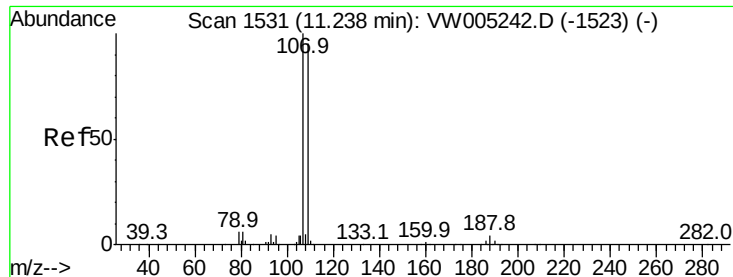
Tot Ion: 43 Resp: 507331
Ion Ratio Lower Upper
43 100
58 58.4 29.3 87.9



#60
Dibromochloromethane
Concen: 51.398 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion: 129 Resp: 202281
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

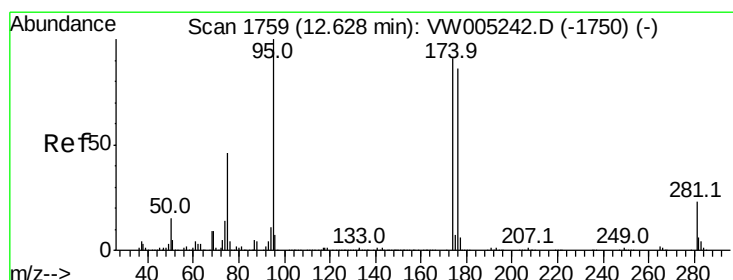
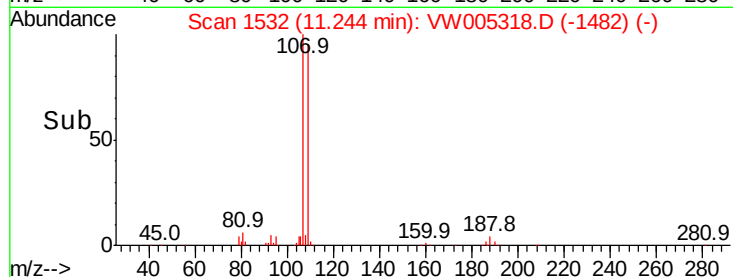
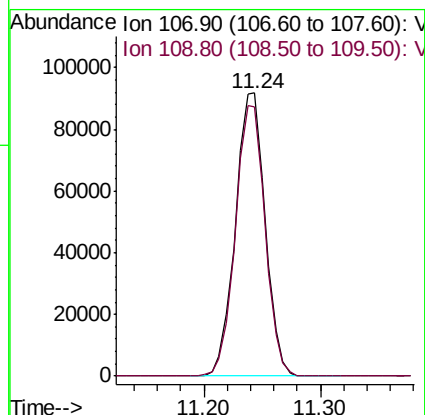
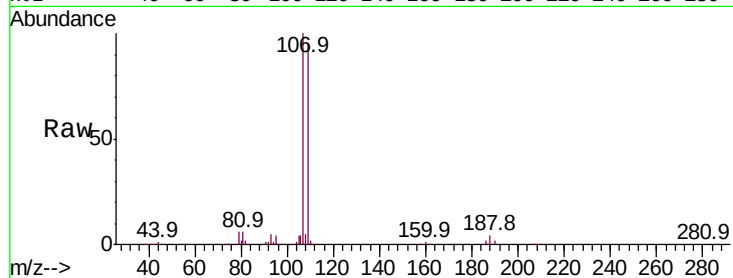




#61
 1,2-Dibromoethane
 Concen: 50.239 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

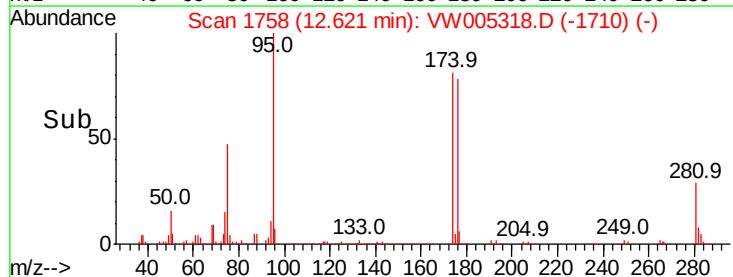
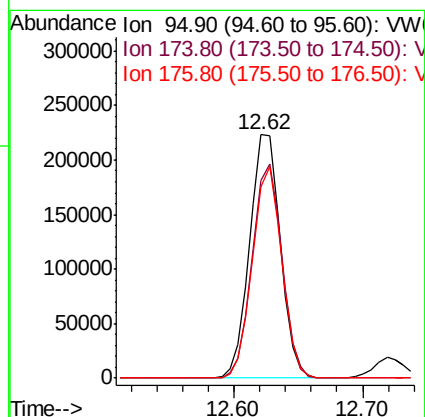
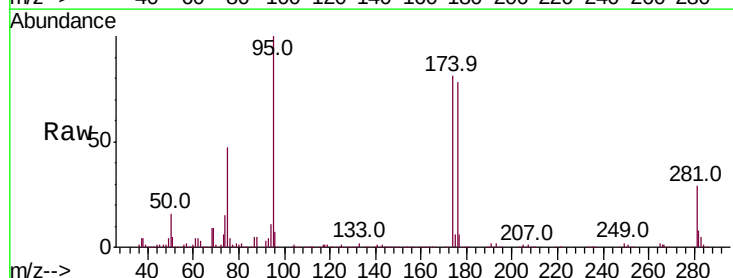
Instrument :
 MSVOA_W
 ClientSampleId :

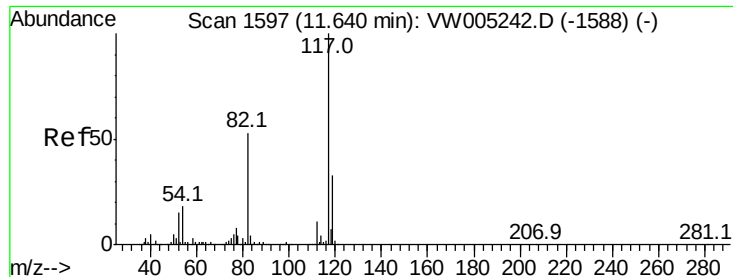
Tot Ion: 107 Resp: 163403
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 53.956 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion: 95 Resp: 365933
 Ion Ratio Lower Upper
 95 100
 174 85.6 0.0 174.6
 176 82.9 0.0 167.6

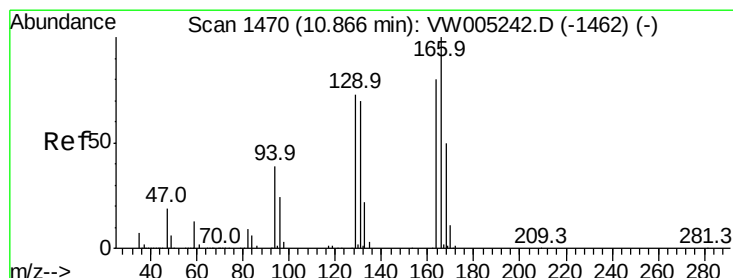
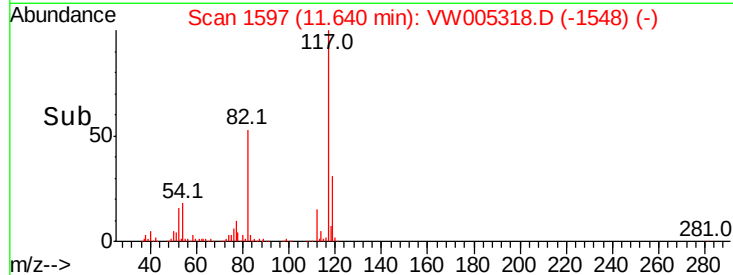
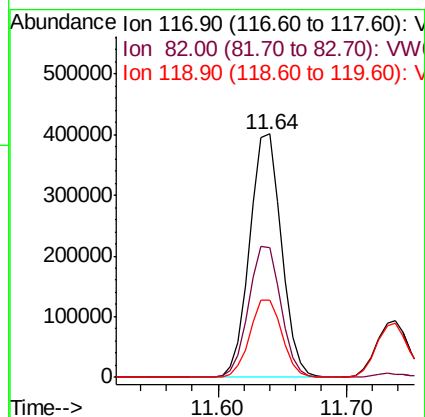
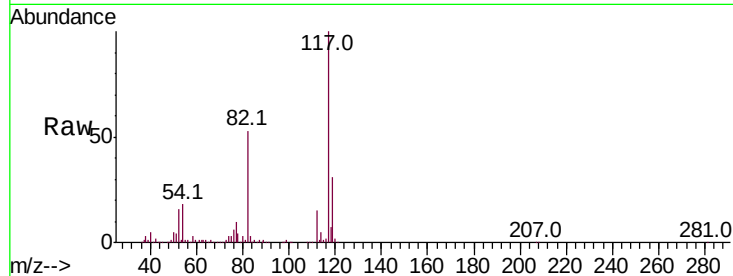




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

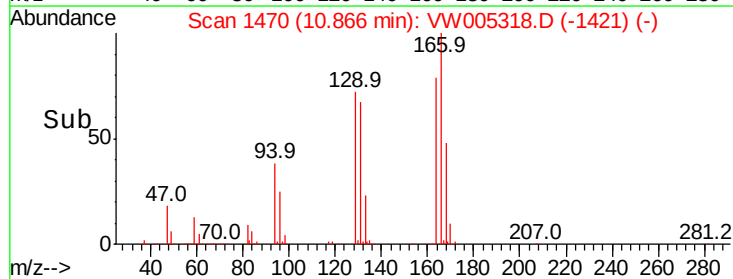
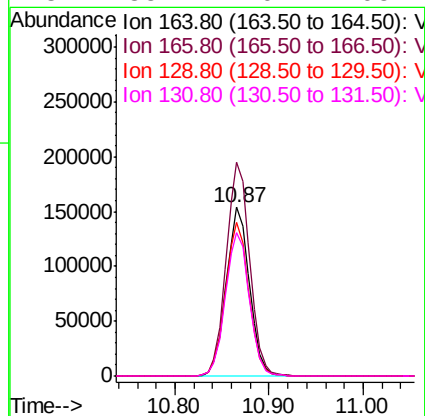
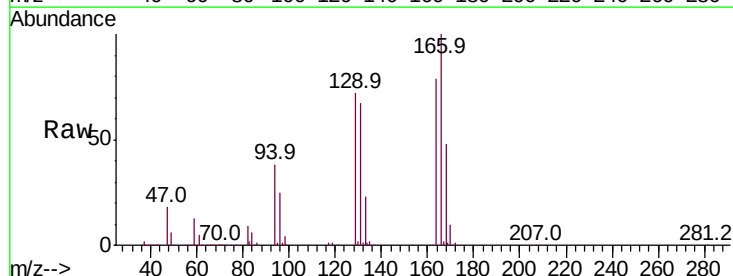
Instrument :
MSVOA_W
ClientSampled :

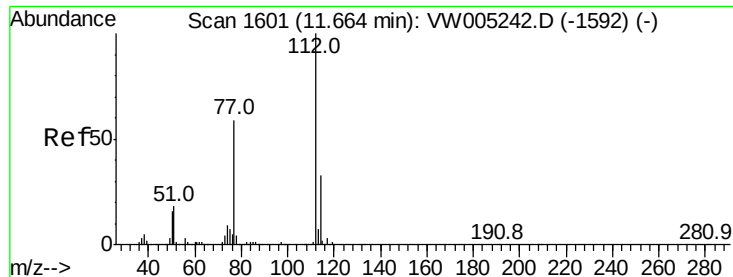
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	63.8
119	31.5	26.2	39.4



#64
Tetrachloroethene
Concen: 51.896 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	100.2	150.2
129	91.0	73.2	109.8
131	85.2	70.2	105.4

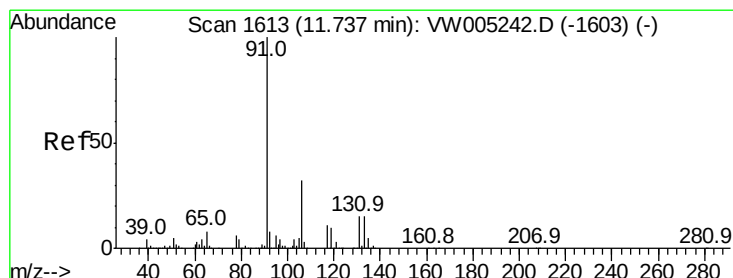
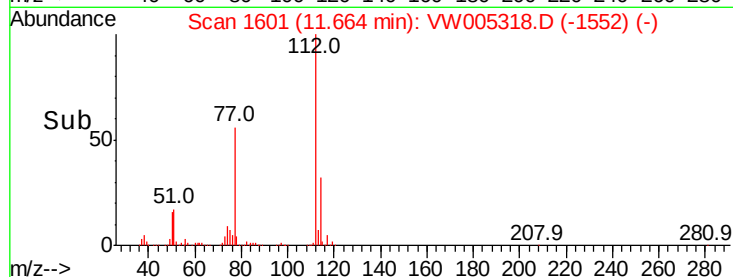
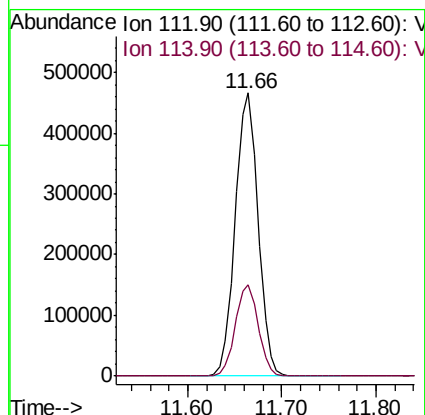
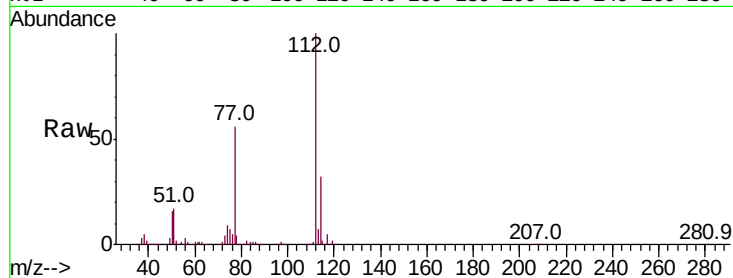




#65
Chlorobenzene
Concen: 52.603 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

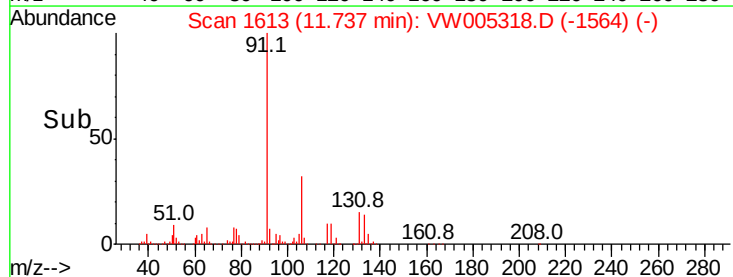
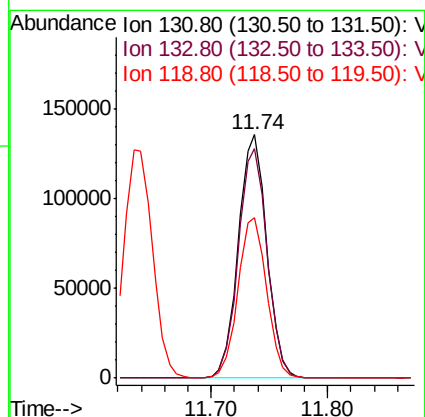
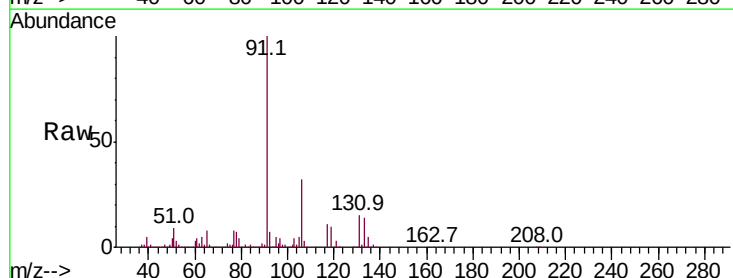
Instrument :
MSVOA_W
ClientSampleId :

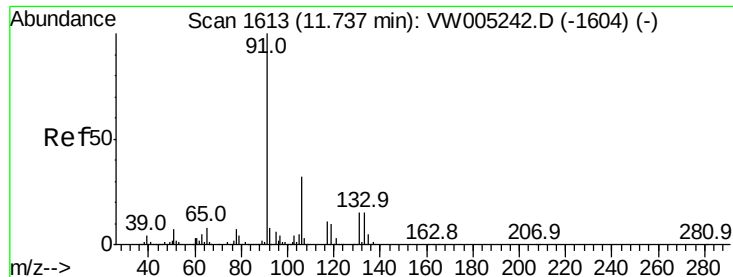
Tot Ion:112 Resp: 785750
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.716 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion:131 Resp: 230655
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 66.6 33.4 100.1





#67

Ethyl Benzene

Concen: 54.346 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

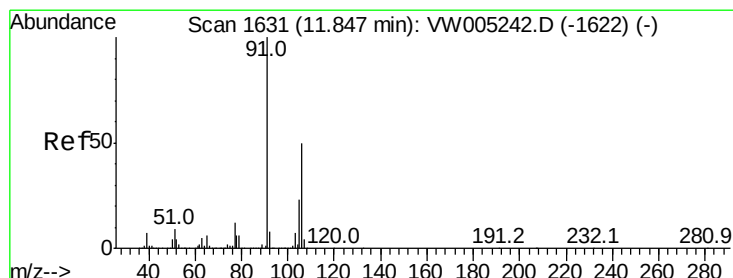
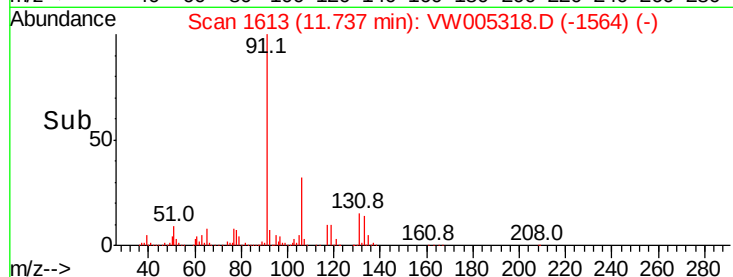
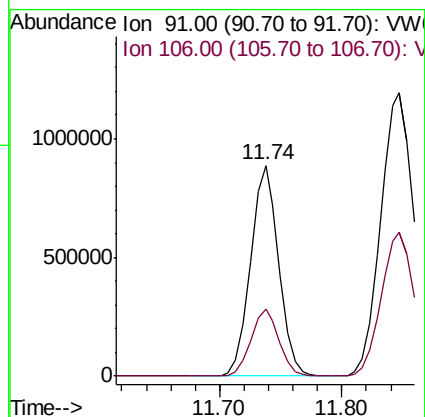
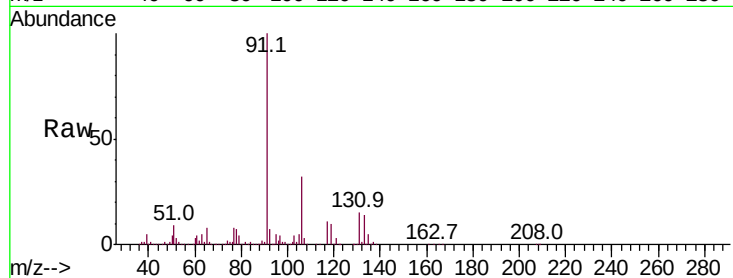
ClientSampleId :

Tot Ion: 91 Resp: 1413726

Ion Ratio Lower Upper

91 100

106 31.6 25.6 38.4



#68

m/p-Xylenes

Concen: 108.244 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005318.D

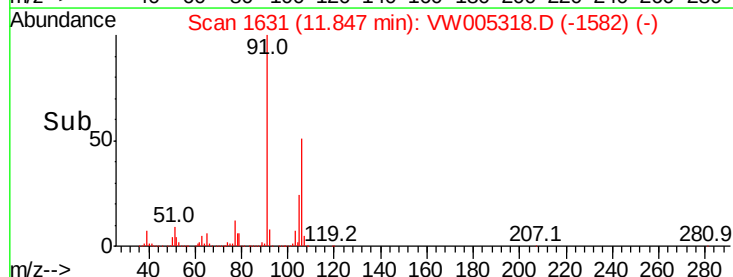
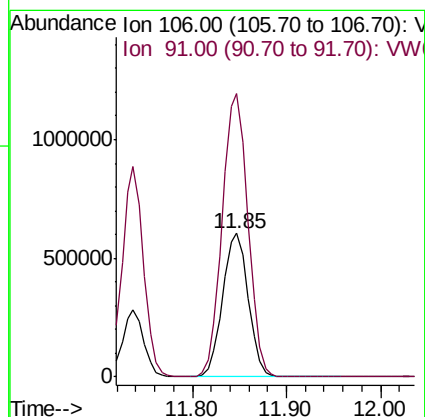
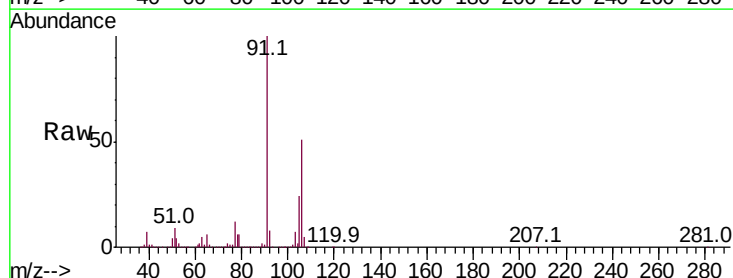
Acq: 12 Sep 2018 11:47

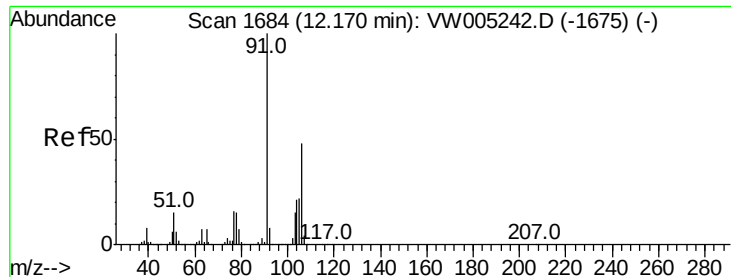
Tgt Ion:106 Resp: 1134688

Ion Ratio Lower Upper

106 100

91 198.8 160.2 240.2

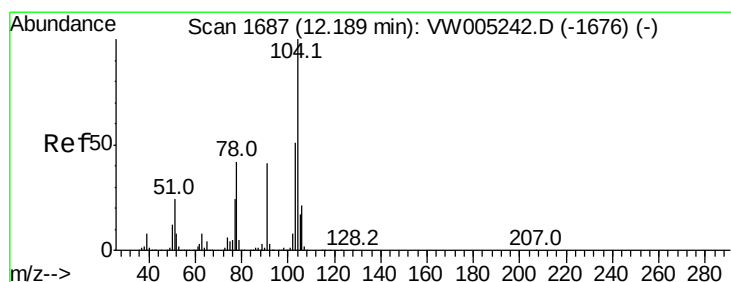
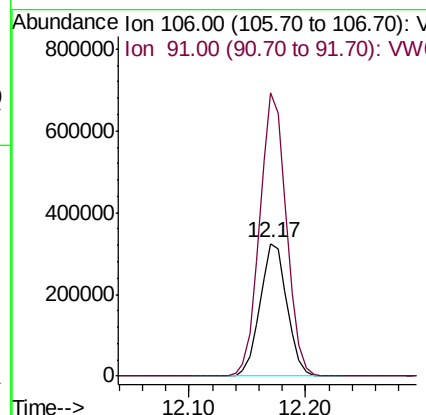
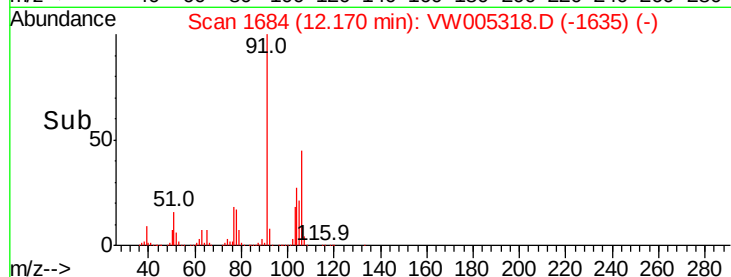
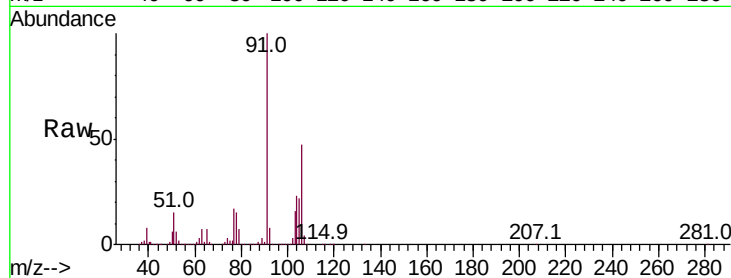




#69
o-Xylene
Concen: 53.863 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

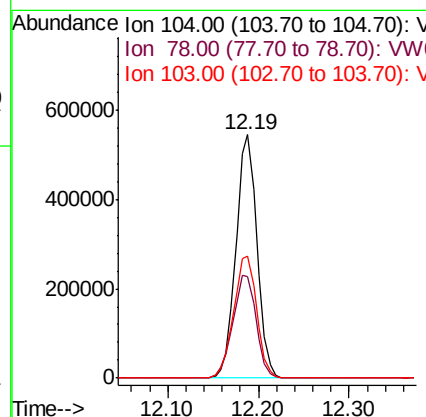
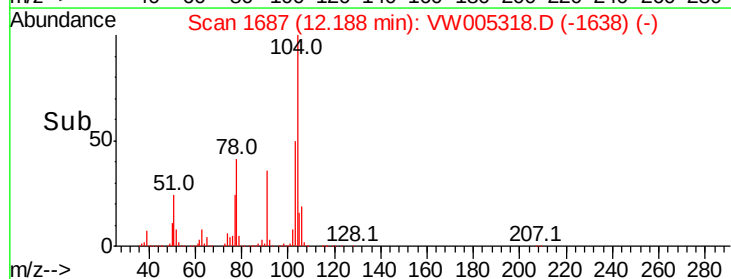
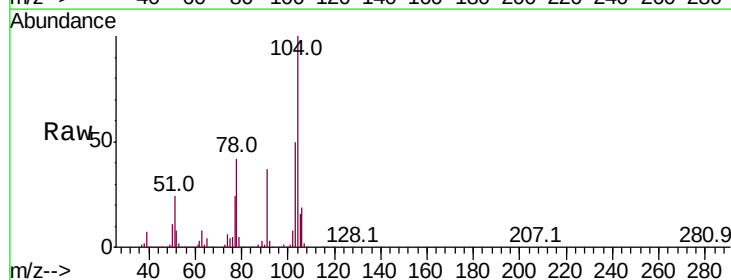
Instrument :
MSVOA_W
ClientSampleId :

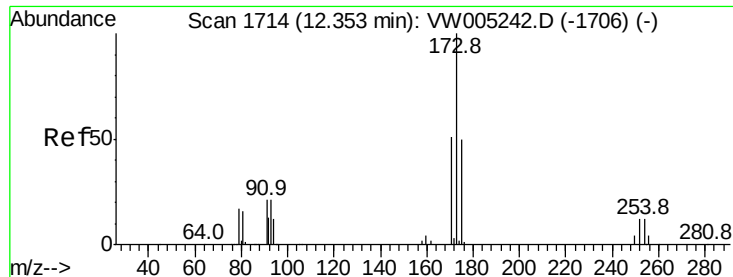
Tot Ion:106 Resp: 525316
Ion Ratio Lower Upper
106 100
91 210.6 104.1 312.3



#70
Styrene
Concen: 55.192 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion:104 Resp: 878325
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.2
103 54.9 44.1 66.1





#71

Bromoform

Concen: 51.763 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

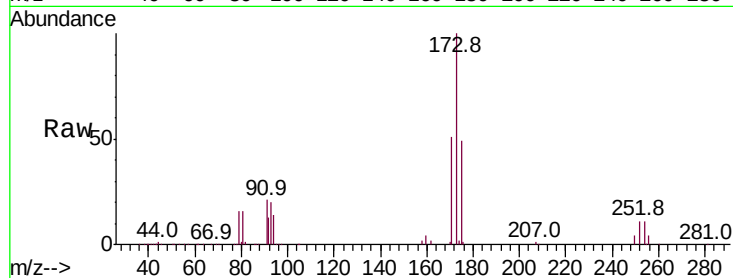
Tot Ion:173 Resp: 125175

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.6

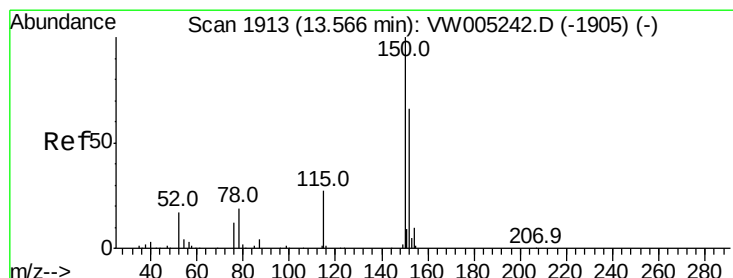
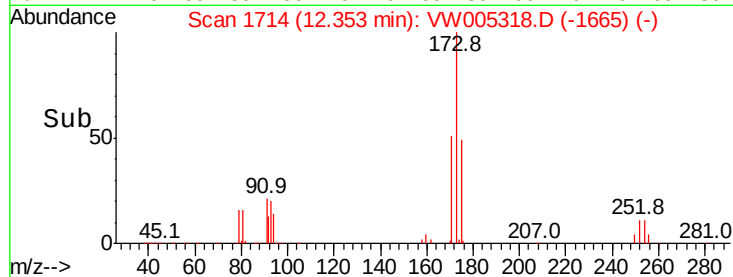
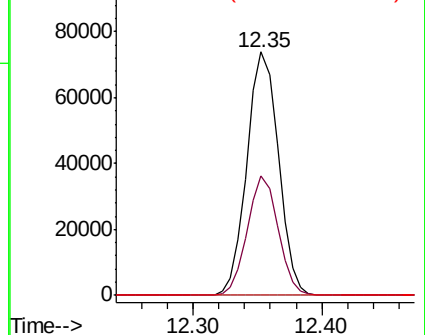
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

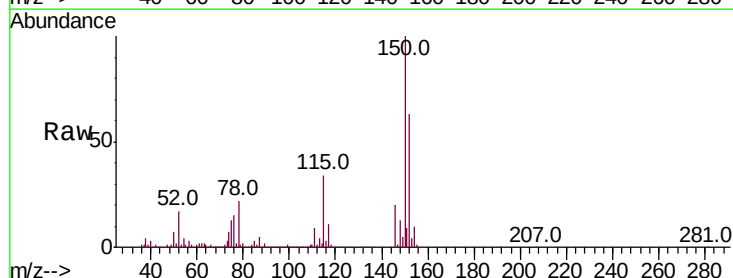
Tgt Ion:152 Resp: 377118

Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.4

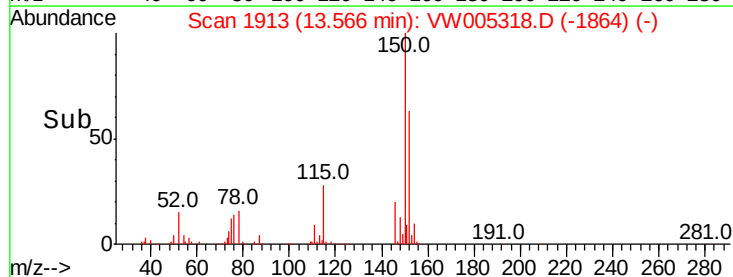
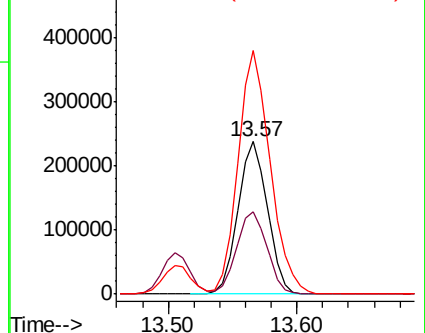
150 174.5 0.0 347.4

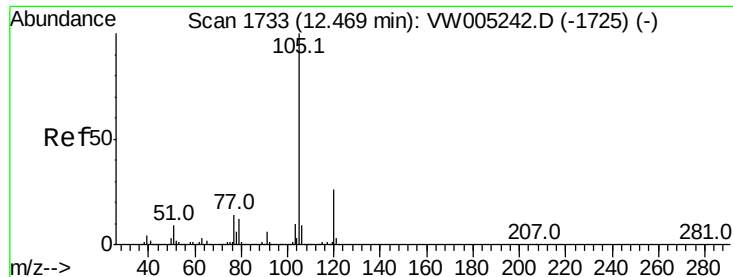


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.117 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

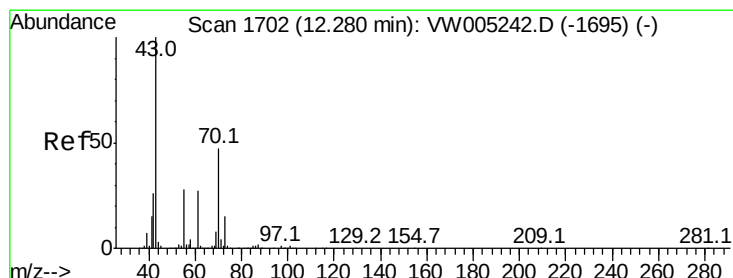
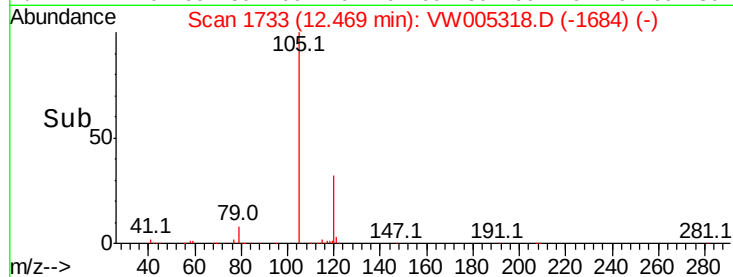
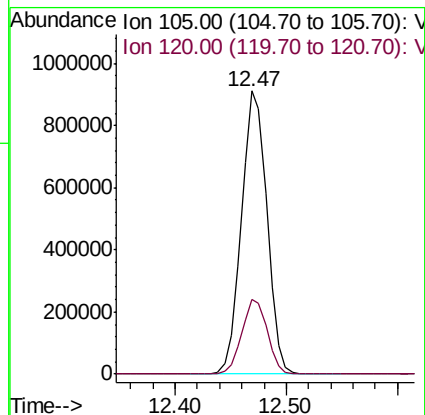
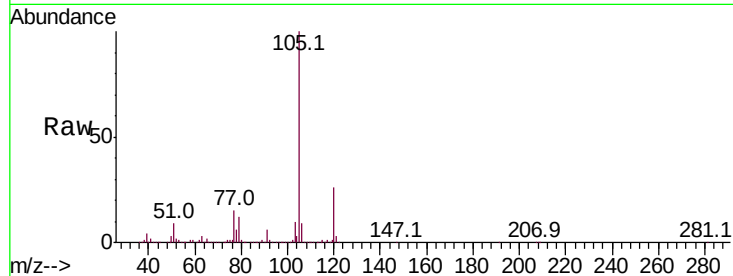
ClientSampled :

Tot Ion:105 Resp: 1441960

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 55.489 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion: 43 Resp: 281304

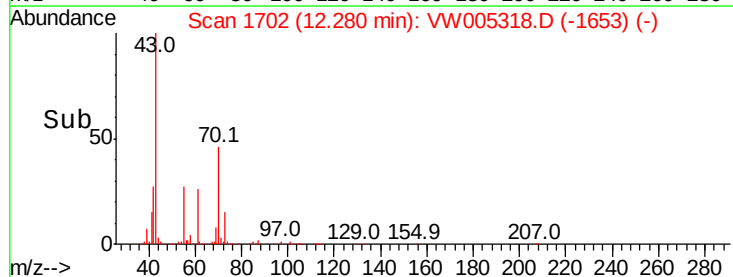
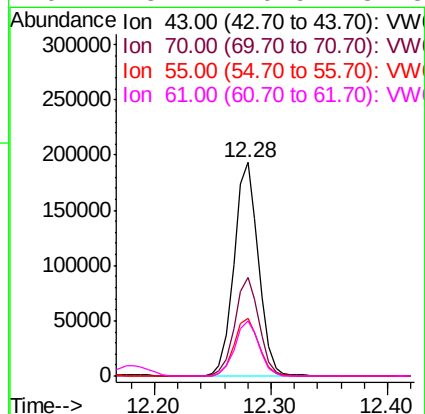
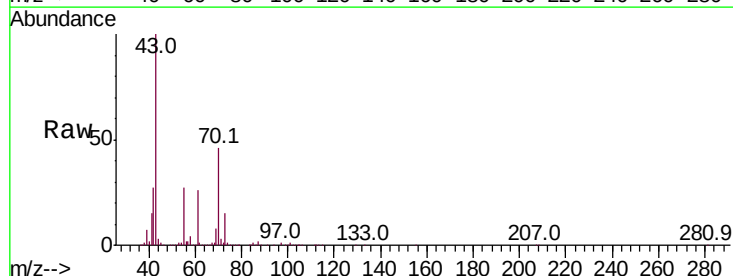
Ion Ratio Lower Upper

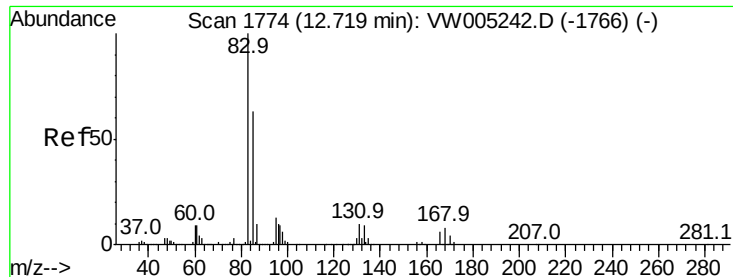
43 100

70 46.2 37.9 56.9

55 27.5 22.6 33.8

61 25.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.115 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

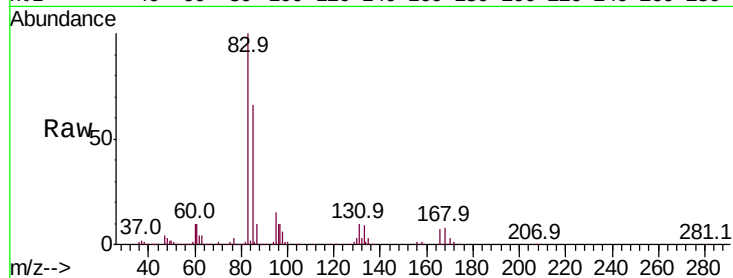
Tot Ion: 83 Resp: 208692

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

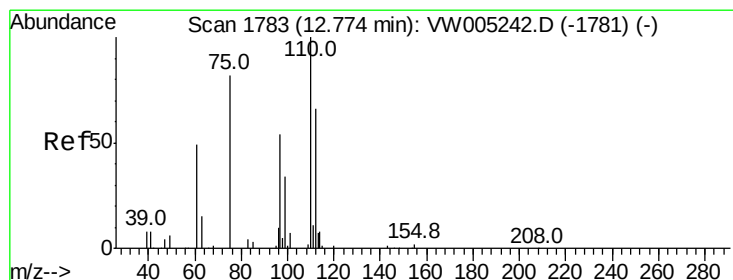
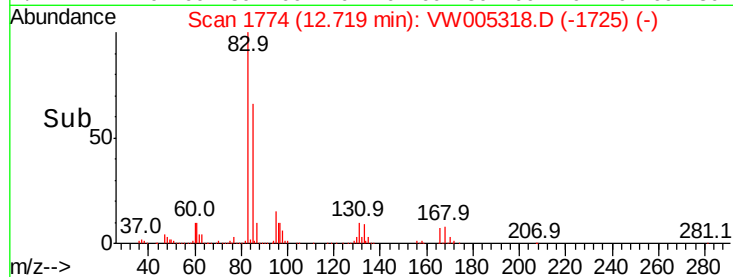
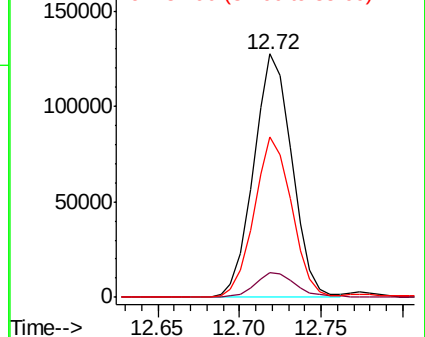
85 64.7 31.6 95.0



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: 95.778 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005318.D

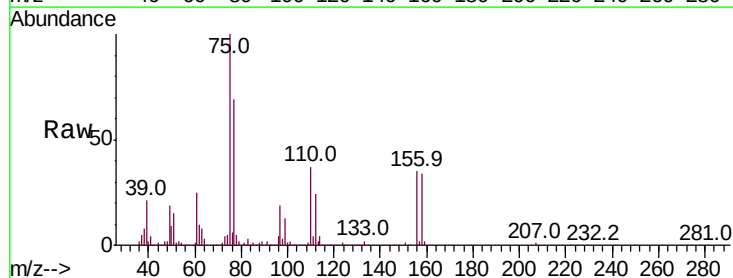
Acq: 12 Sep 2018 11:47

Tgt Ion: 75 Resp: 277813

Ion Ratio Lower Upper

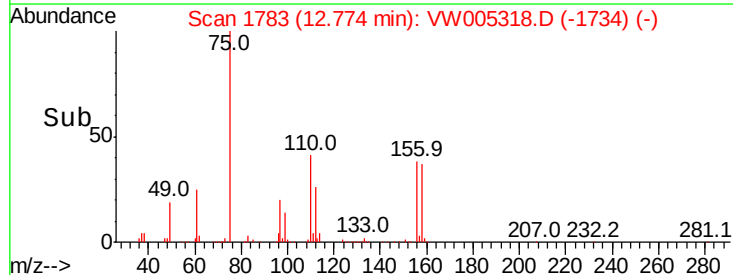
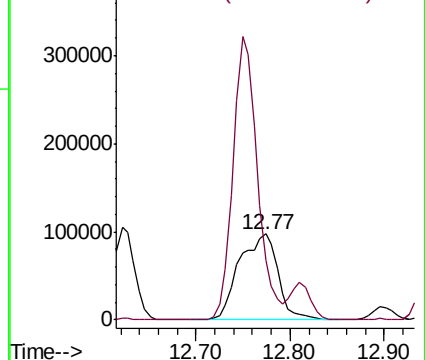
75 100

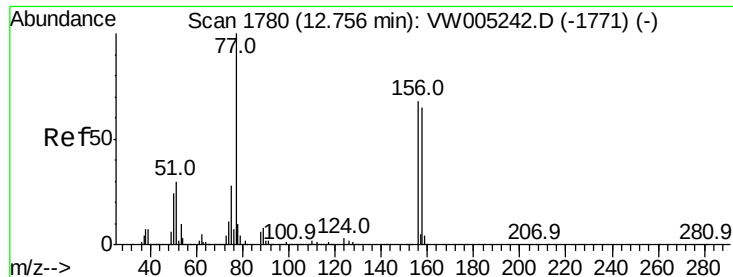
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.260 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

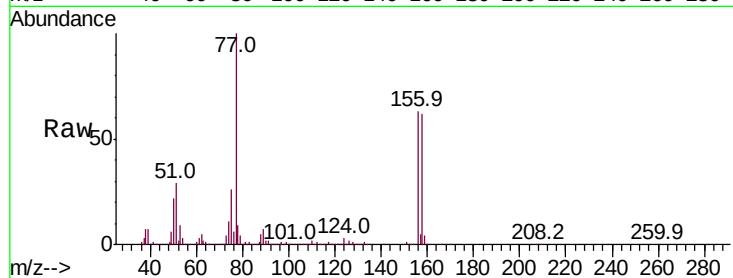
Tot Ion:156 Resp: 328051

Ion Ratio Lower Upper

156 100

77 177.3 86.3 258.8

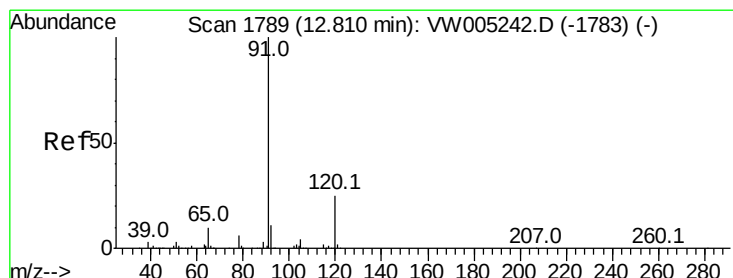
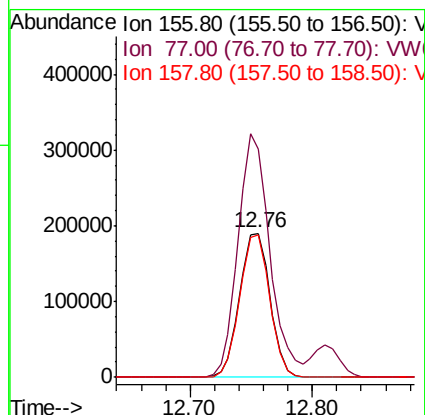
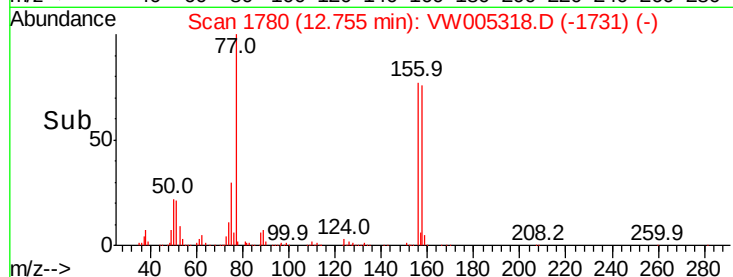
158 97.5 48.6 145.8



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: 55.345 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005318.D

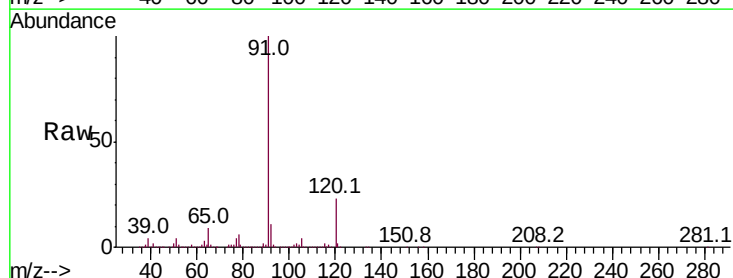
Acq: 12 Sep 2018 11:47

Tgt Ion: 91 Resp: 1771122

Ion Ratio Lower Upper

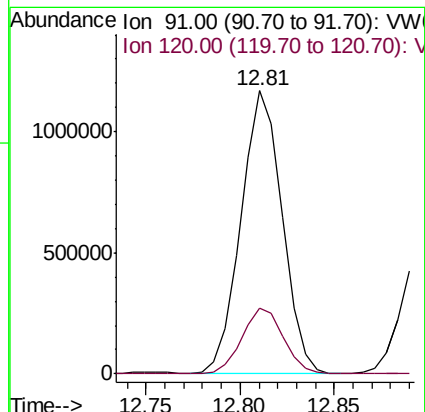
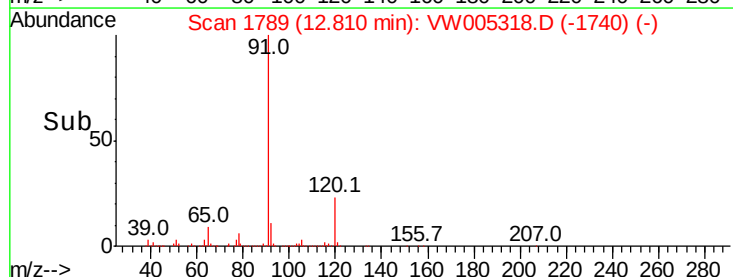
91 100

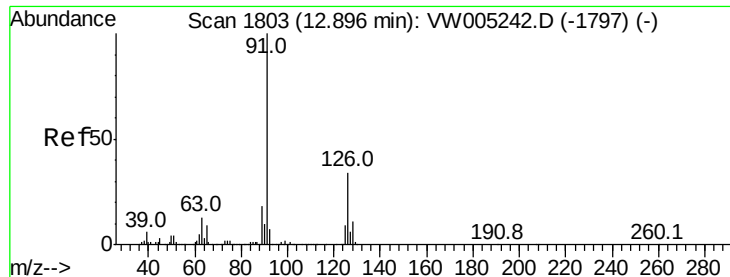
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.692 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

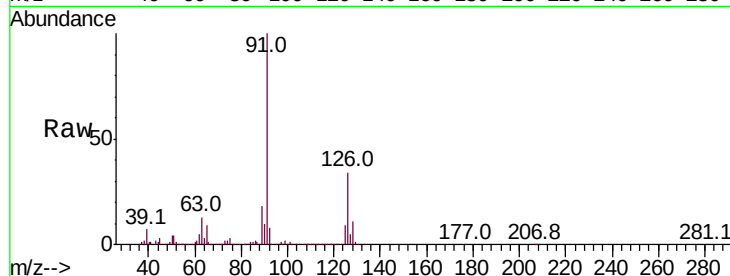
ClientSampled :

Tot Ion: 91 Resp: 985315

Ion Ratio Lower Upper

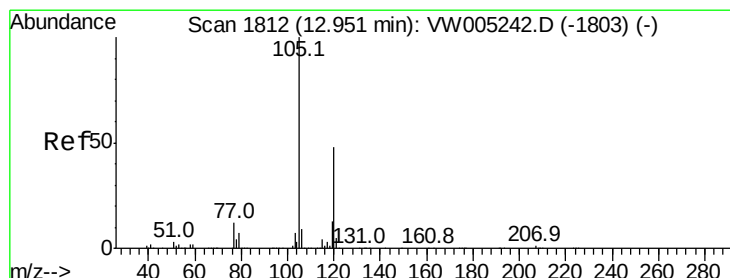
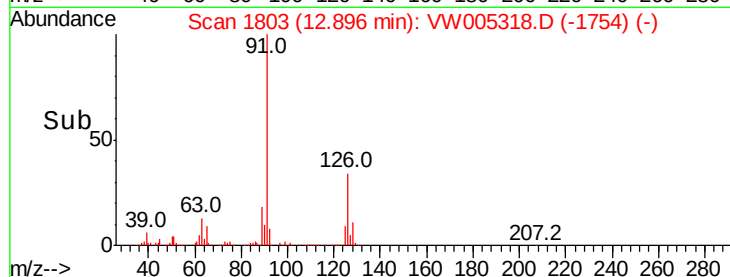
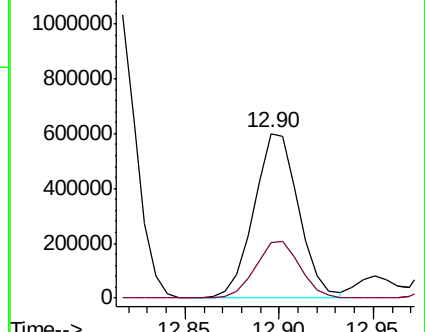
91 100

126 34.4 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.527 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005318.D

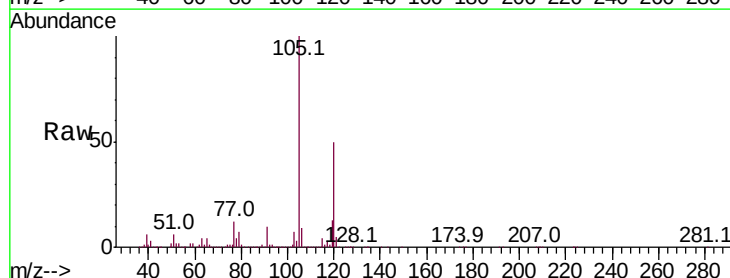
Acq: 12 Sep 2018 11:47

Tgt Ion:105 Resp: 1237163

Ion Ratio Lower Upper

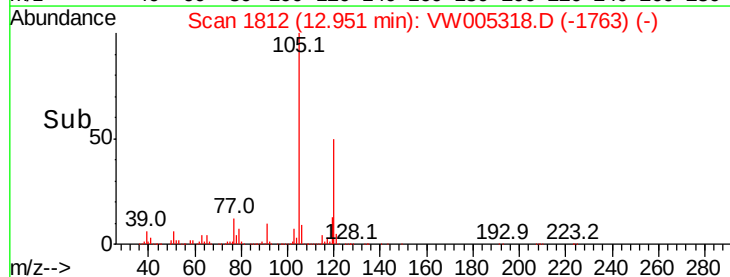
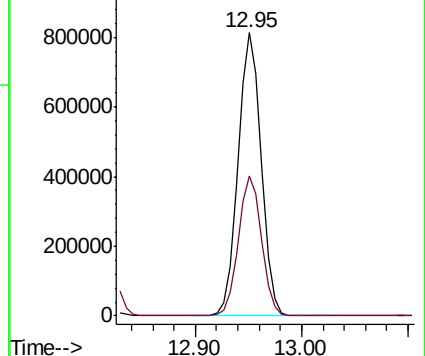
105 100

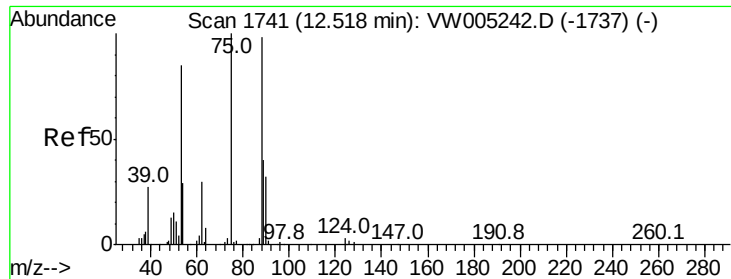
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.702 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

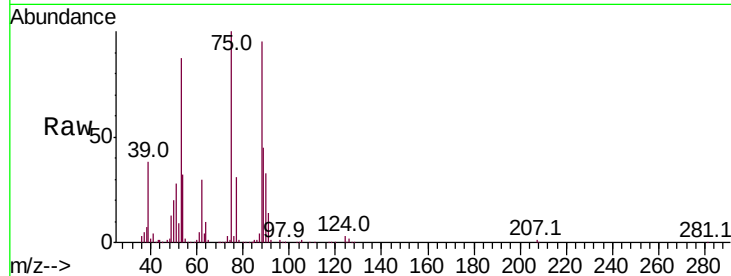
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 66419

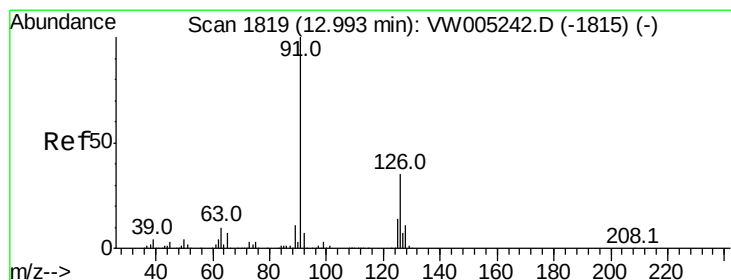
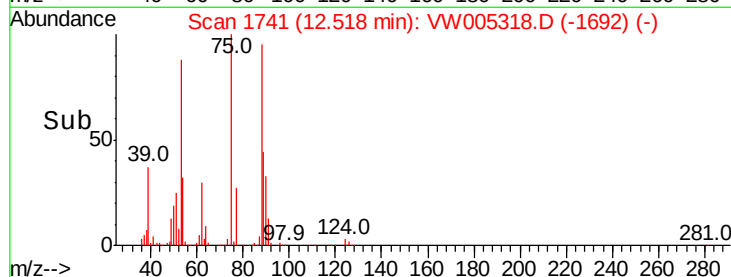
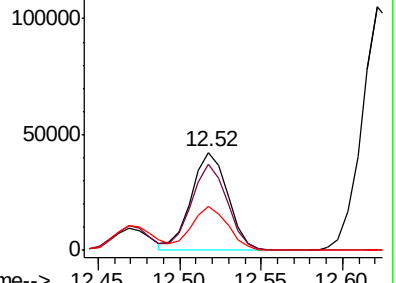
Ion	Ratio	Lower	Upper
75	100		
53	86.8	67.0	100.6
89	44.1	37.0	55.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 53.179 ug/l

RT: 12.99 min Scan# 1819

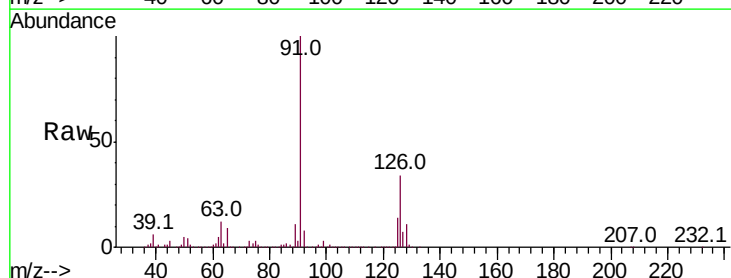
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

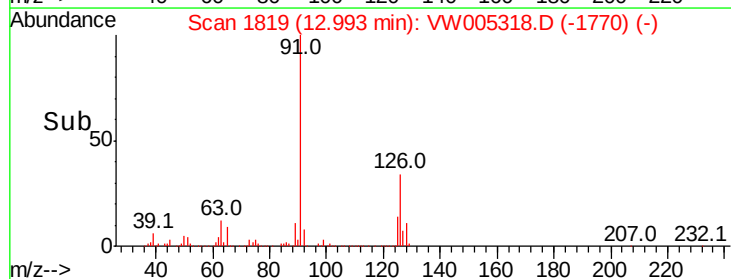
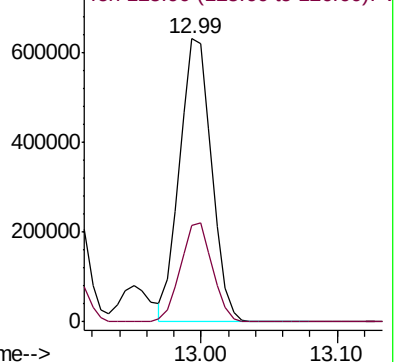
Tgt Ion: 91 Resp: 1025770

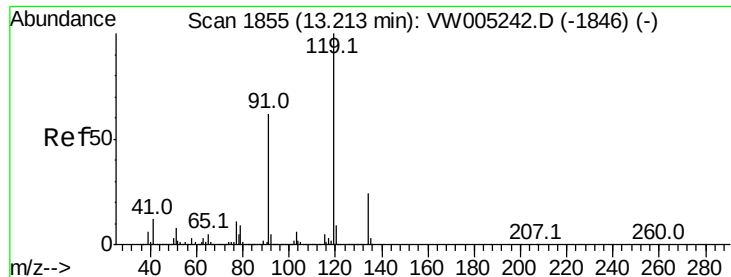
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.5	52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



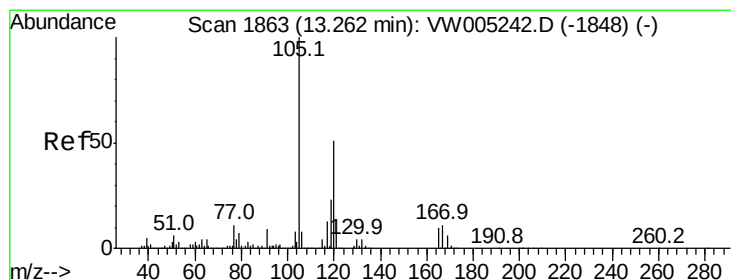
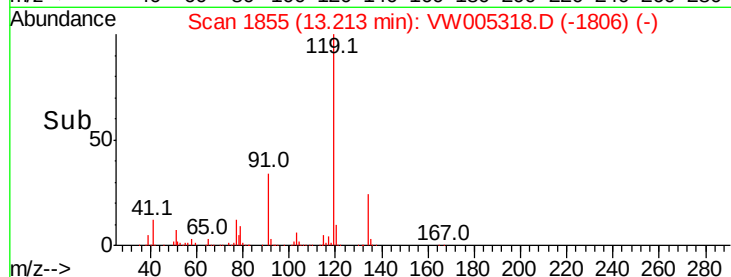
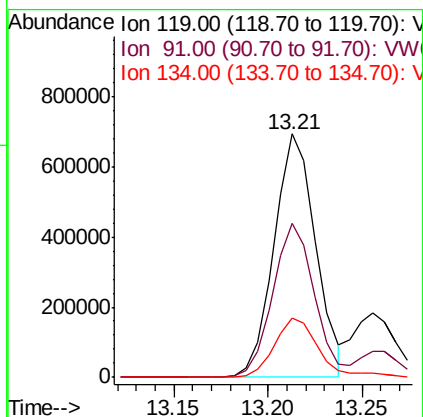
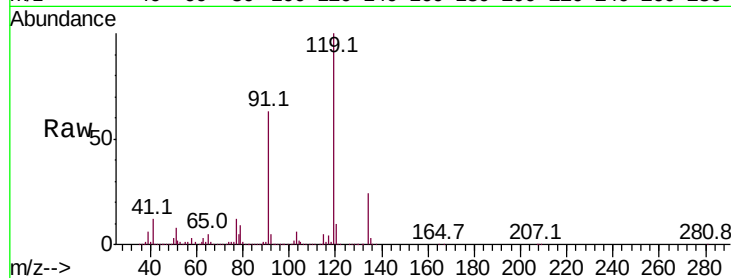


#83
 tert-Butylbenzene
 Concen: 53.542 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:119 Resp: 1062482

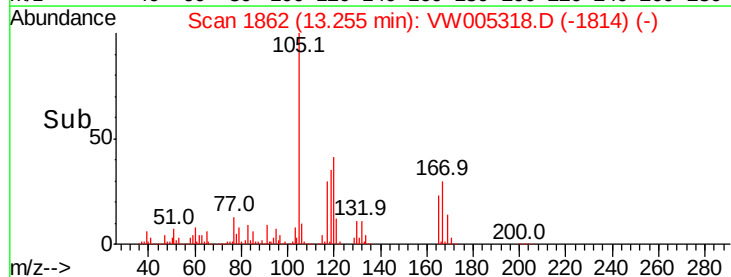
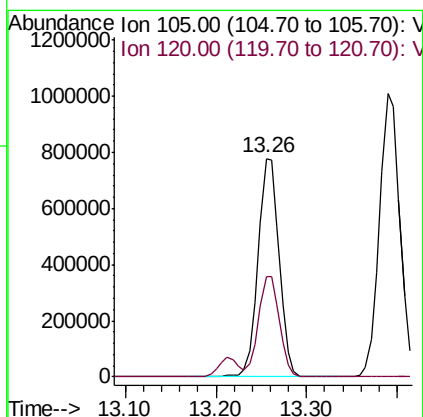
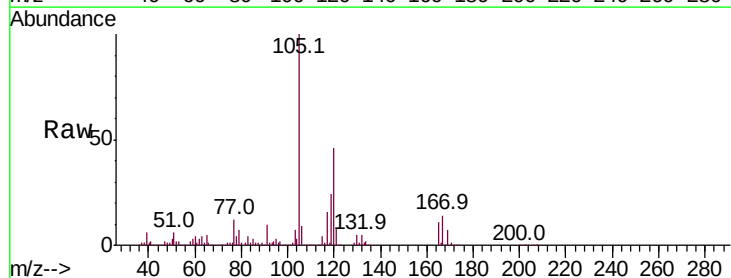
Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.7	95.1
134	26.1	13.0	38.9

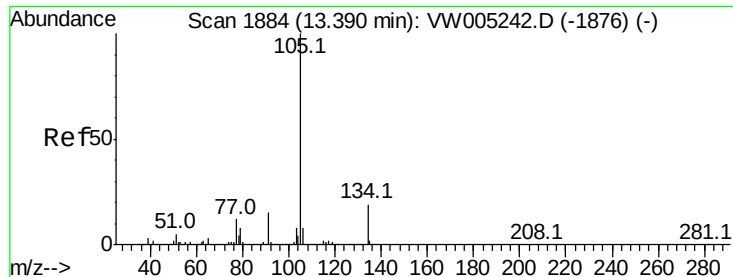


#84
 1,2,4-Trimethylbenzene
 Concen: 54.645 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion:105 Resp: 1245914

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 54.961 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

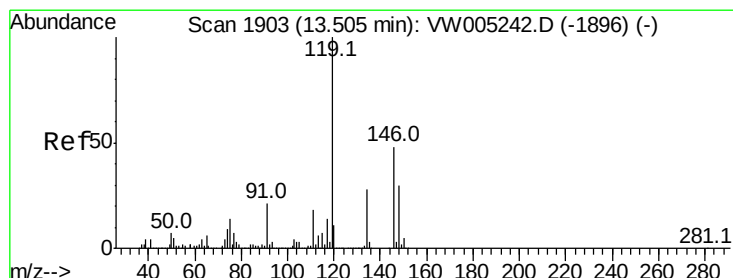
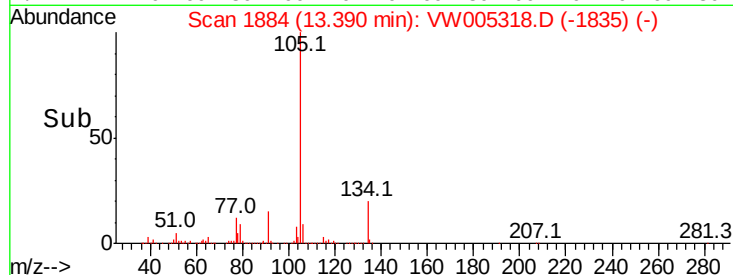
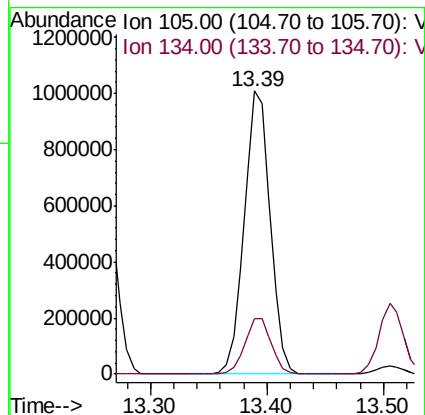
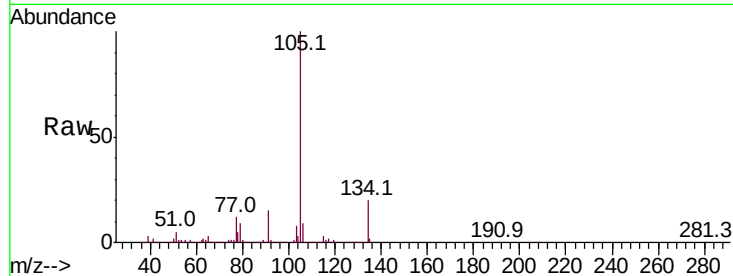
ClientSampled :

Tot Ion:105 Resp: 1567422

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 55.253 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

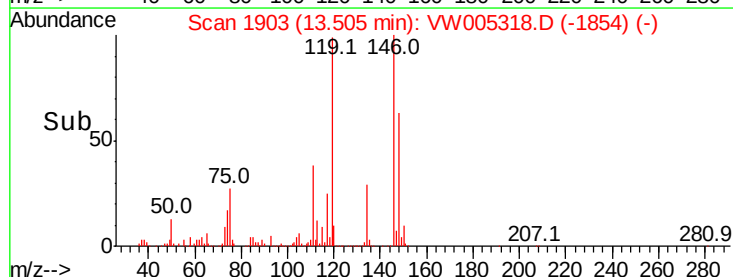
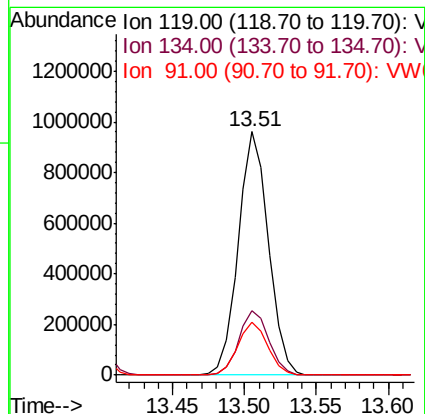
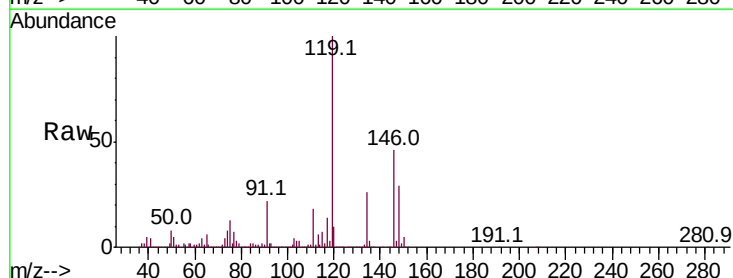
Tgt Ion:119 Resp: 1394921

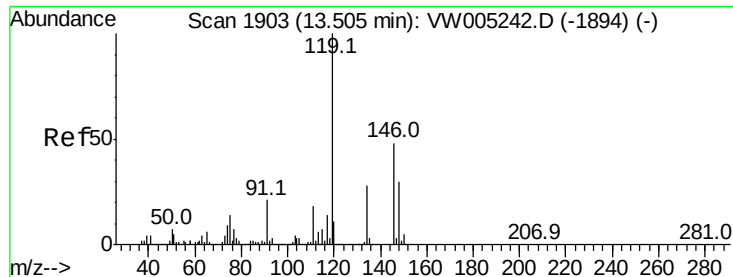
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.329 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005318.D

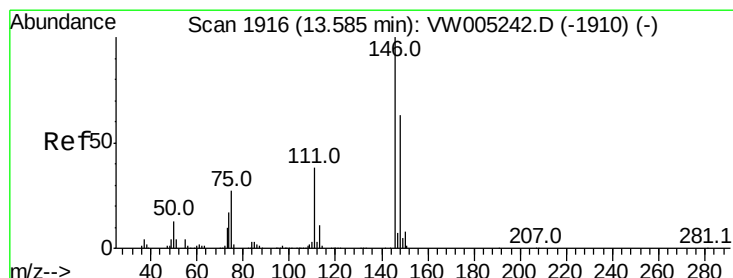
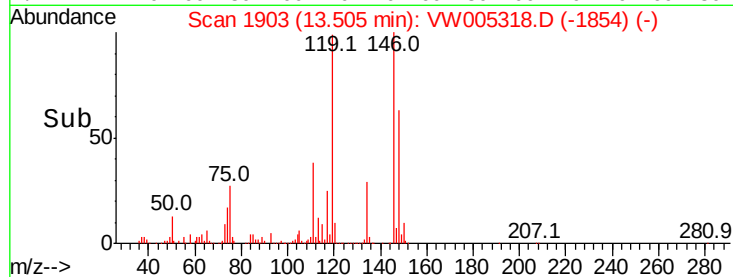
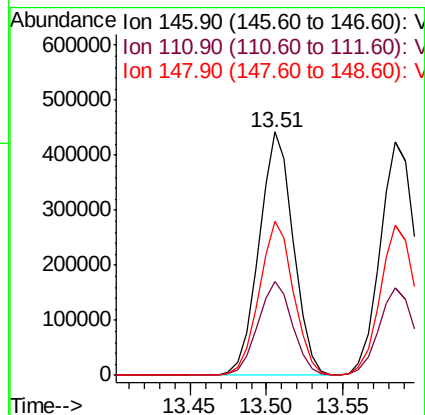
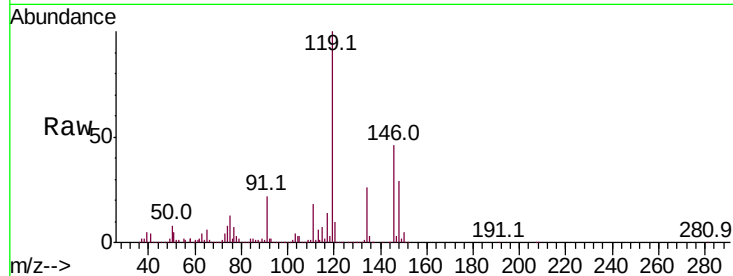
Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:146	Resp:	689739
Ion	Ratio	Lower Upper
146	100	
111	38.7	18.8 56.3
148	63.5	31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 52.213 ug/l

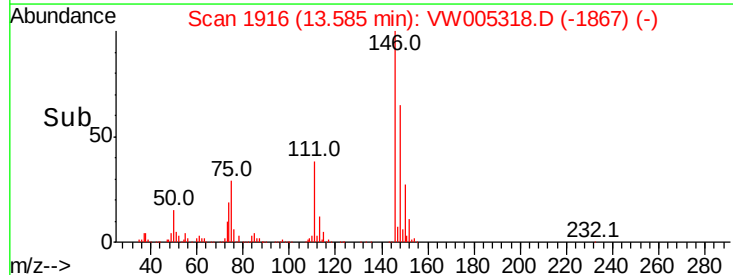
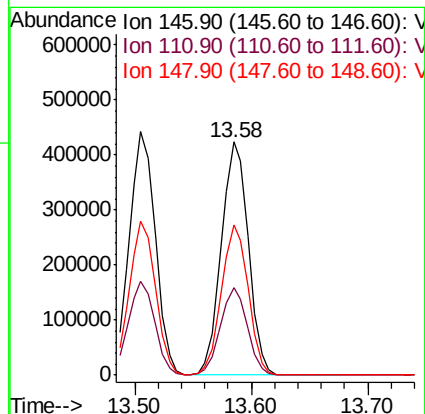
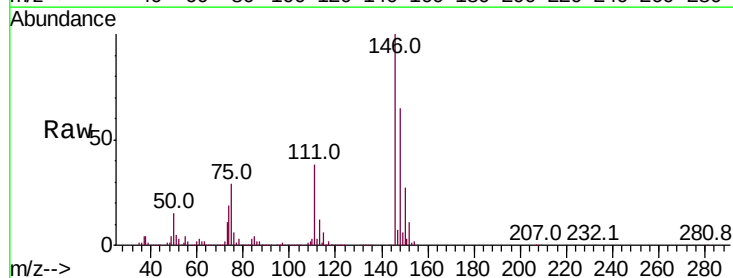
RT: 13.58 min Scan# 1916

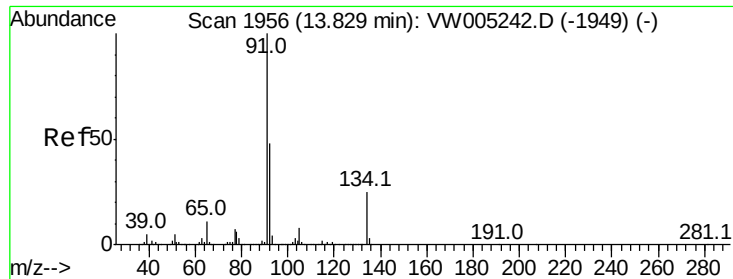
Delta R.T. -0.00 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Tgt Ion:146	Resp:	675960
Ion	Ratio	Lower Upper
146	100	
111	37.7	19.1 57.3
148	64.2	32.3 96.9





#89

n-Butylbenzene

Concen: 55.814 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005318.D

Acq: 12 Sep 2018 11:47

Instrument :

MSVOA_W

ClientSampled :

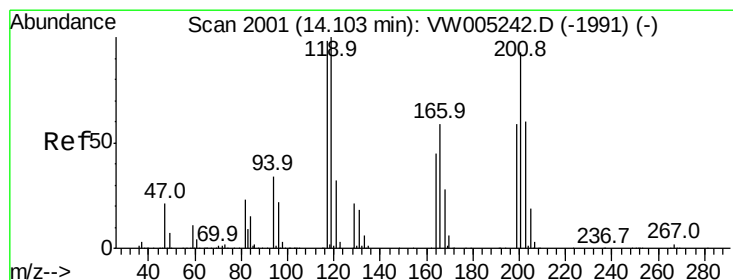
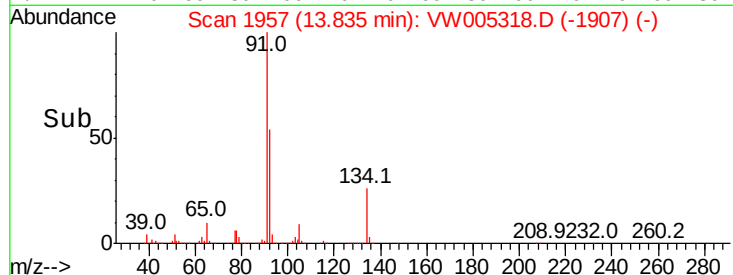
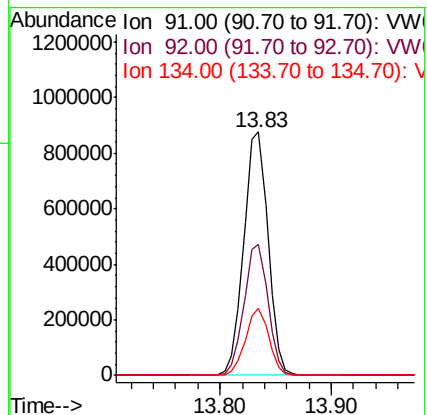
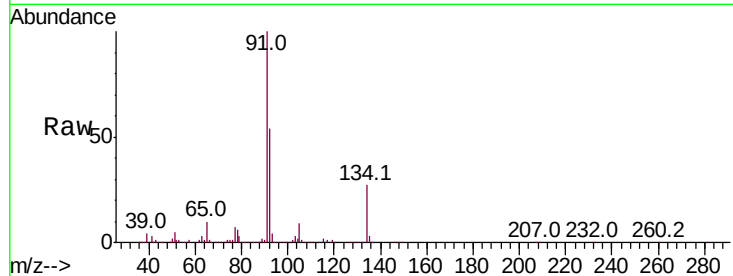
Tot Ion: 91 Resp: 1324610

Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.8	77.3
134	26.5	13.6	40.8

91 100

92 53.1 25.8 77.3

134 26.5 13.6 40.8



#90

Hexachloroethane

Concen: 52.197 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005318.D

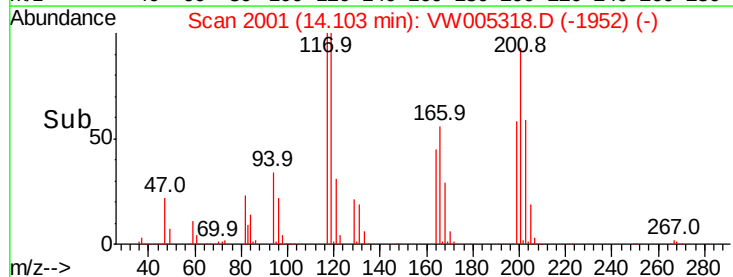
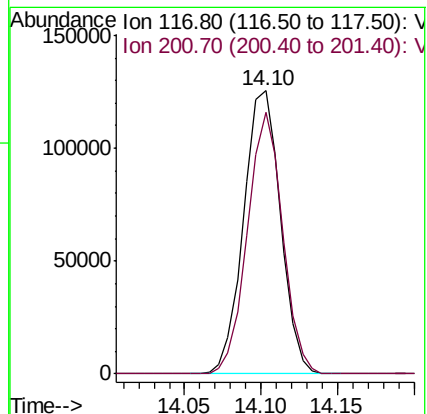
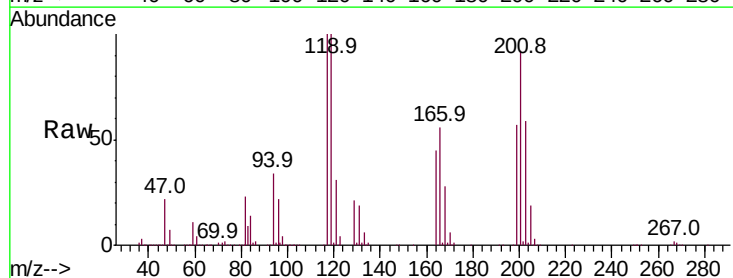
Acq: 12 Sep 2018 11:47

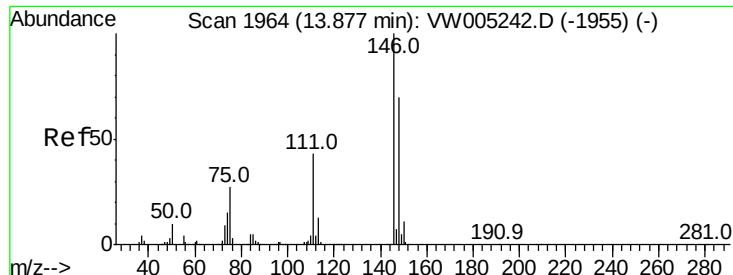
Tgt Ion: 117 Resp: 211126

Ion	Ratio	Lower	Upper
117	100		
201	87.8	44.0	132.1

117 100

201 87.8 44.0 132.1

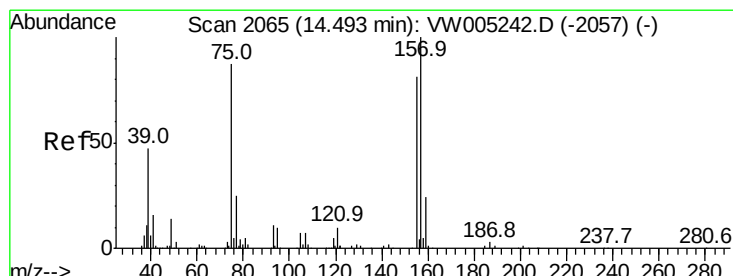
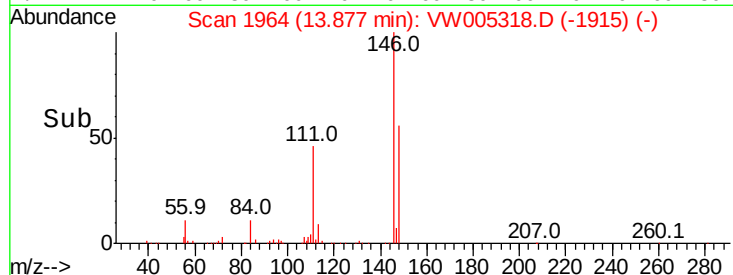
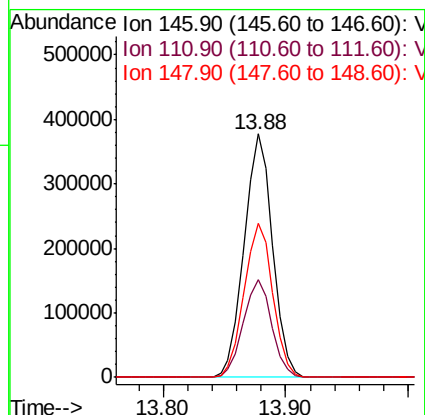
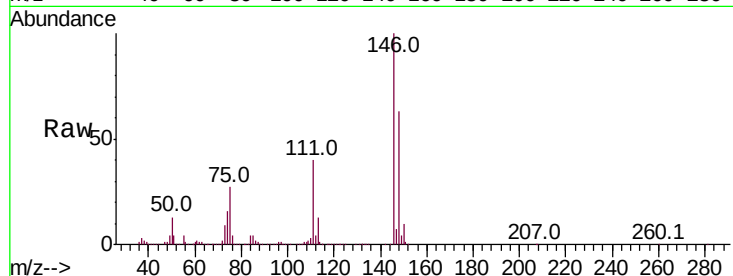




#91
 1,2-Dichlorobenzene
 Concen: 52.296 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

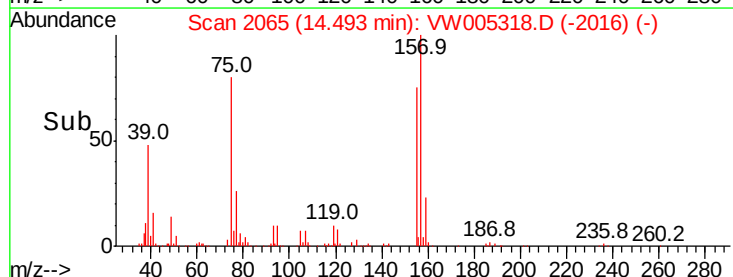
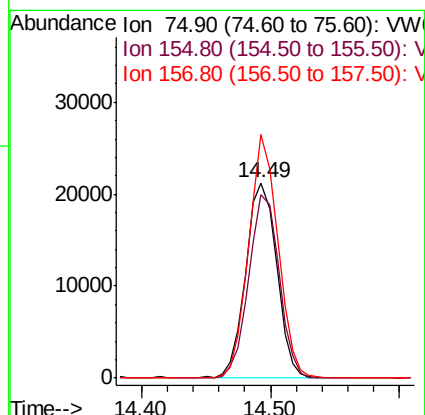
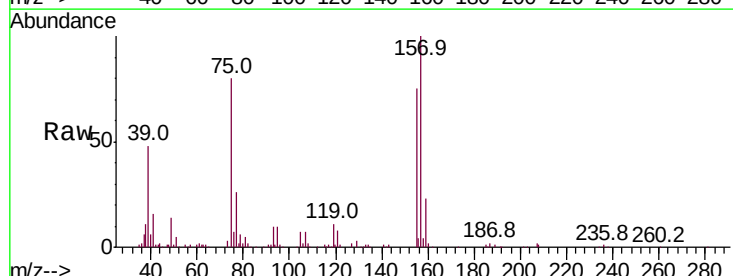
Instrument :
 MSVOA_W
 ClientSampleId :

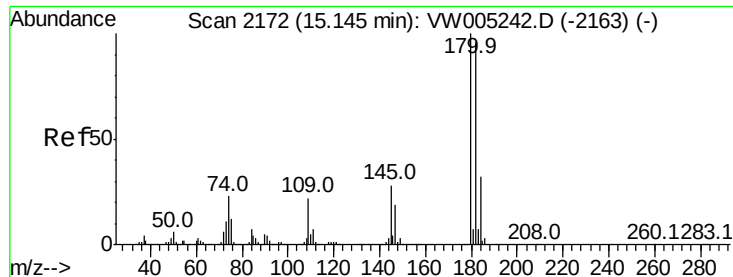
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	64.0	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.154 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	47.4	142.2
157	116.9	59.4	178.2

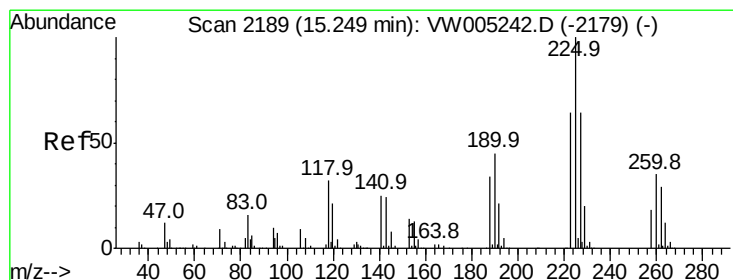
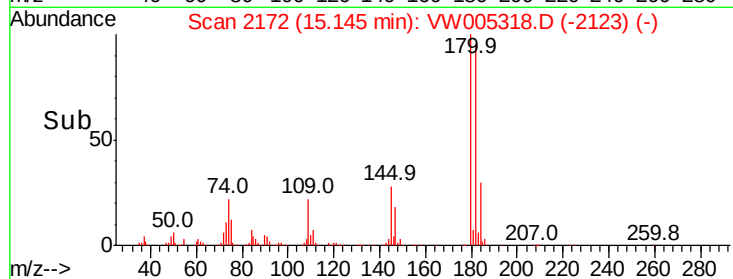
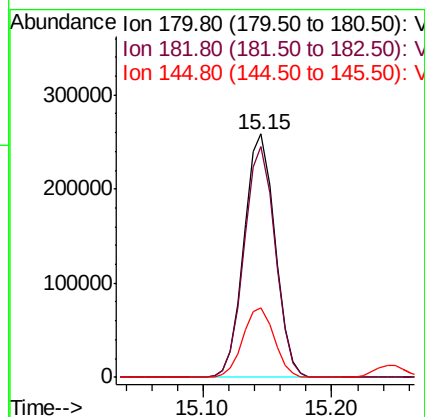
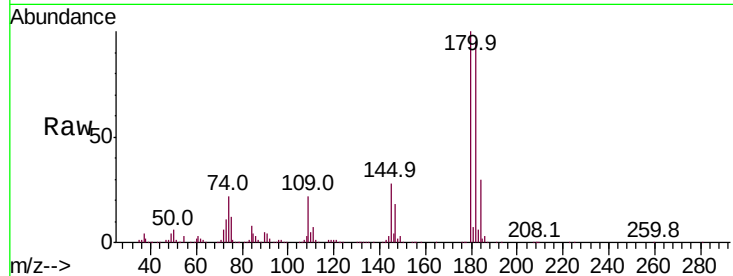




#93
 1,2,4-Trichlorobenzene
 Concen: 52.287 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

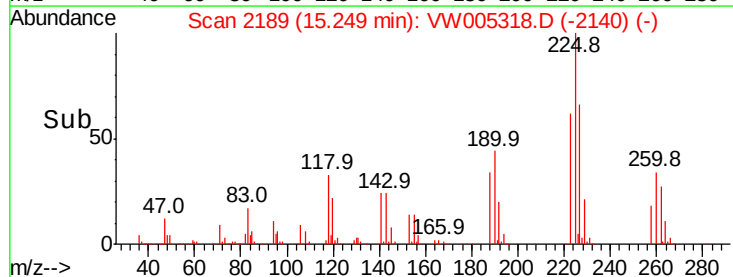
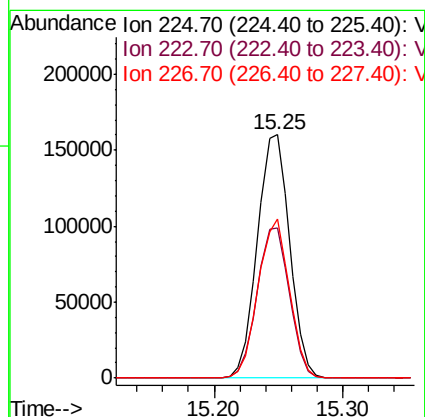
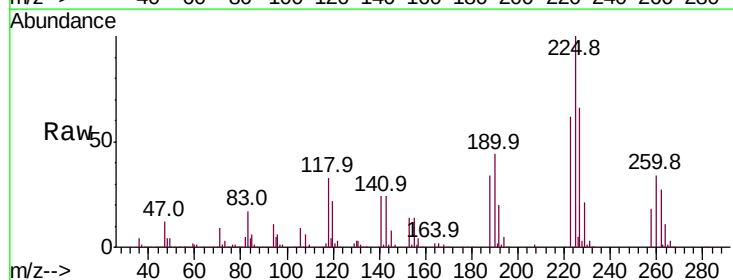
Instrument :
 MSVOA_W
 ClientSampleId :

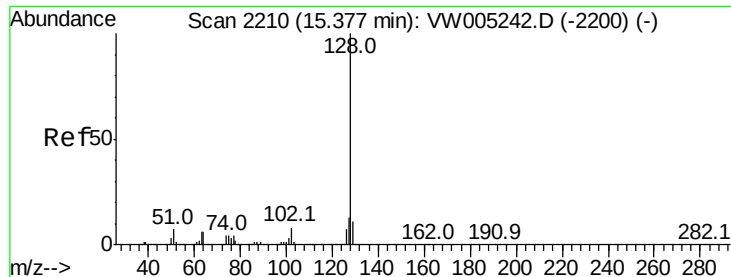
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	28.9	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 52.961 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005318.D
 Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.4	94.2
227	63.2	32.0	96.0

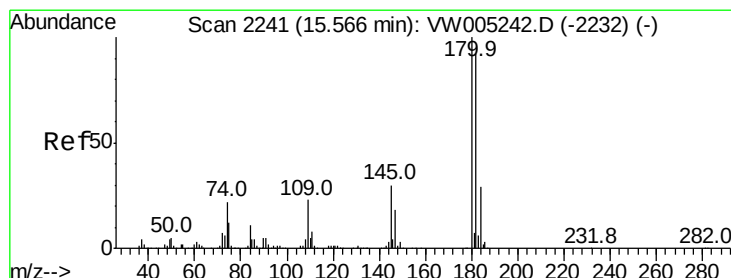
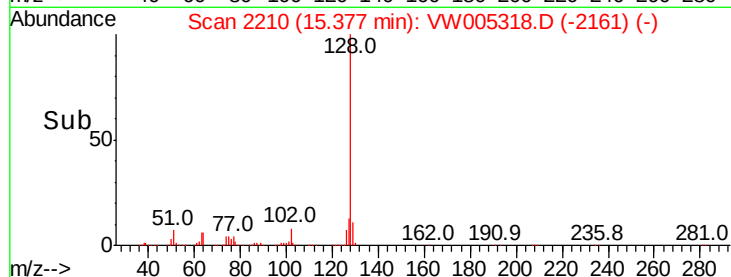
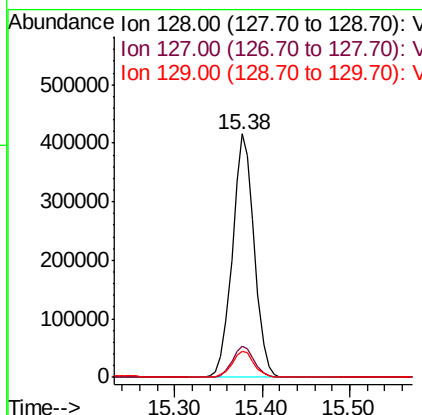
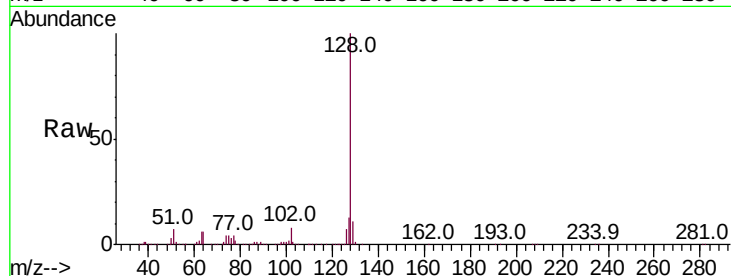




#95
Naphthalene
Concen: 54.199 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.801 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005318.D
Acq: 12 Sep 2018 11:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.2	141.6
145	30.9	15.2	45.6

