

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005275.D
 Acq On : 11 Sep 2018 15:02
 Operator : SY/AP
 Sample : J4803-19MSD
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 16:41:19 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	469217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	682809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	670952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	356143	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	204011	58.29	ug/l	0.00
Spiked Amount			Recovery	=	116.58%	
35) Dibromofluoromethane	7.89	113	134792	37.69	ug/l	0.00
Spiked Amount			Recovery	=	75.38%	
50) Toluene-d8	10.33	98	986678	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
62) 4-Bromofluorobenzene	12.62	95	357752	54.11	ug/l	0.00
Spiked Amount			Recovery	=	108.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	180362	44.560	ug/l	98
3) Chloromethane	2.22	50	268804	49.674	ug/l	99
4) Vinyl Chloride	2.35	62	247401	49.800	ug/l	98
5) Bromomethane	2.75	94	167112	55.803	ug/l	99
6) Chloroethane	2.91	64	138140	50.480	ug/l	98
7) Trichlorofluoromethane	3.26	101	265382	47.223	ug/l	96
8) Diethyl Ether	3.69	74	111740	55.792	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	186053	46.349	ug/l	98
10) Methyl Iodide	4.28	142	231260	46.593	ug/l	100
11) Tert butyl alcohol	5.17	59	82062	285.926	ug/l	98
12) 1,1-Dichloroethene	4.04	96	178780	48.370	ug/l	98
13) Acrolein	3.90	56	36044	130.012	ug/l	97
14) Allyl chloride	4.68	41	286924	50.522	ug/l	99
15) Acrylonitrile	5.37	53	280790	310.750	ug/l	99
16) Acetone	4.12	43	189031	290.995	ug/l	98
17) Carbon Disulfide	4.39	76	652825	50.320	ug/l	99
18) Methyl Acetate	4.68	43	103196	53.217	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	509853	57.916	ug/l	99
20) Methylene Chloride	4.92	84	263109	54.817	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	212695	49.287	ug/l	98
22) Diisopropyl ether	6.32	45	590028	51.605	ug/l	98
23) Vinyl Acetate	6.32	43	288474	45.274	ug/l #	71
24) 1,1-Dichloroethane	6.23	63	358862	50.989	ug/l	98
25) 2-Butanone	7.18	43	282990	276.181	ug/l	97
26) 2,2-Dichloropropane	7.18	77	287416	47.102	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	231367	50.095	ug/l	99
28) Bromochloromethane	7.52	49	148703	57.273	ug/l	100
29) Tetrahydrofuran	7.54	42	210904	305.432	ug/l	99
30) Chloroform	7.68	83	361975	51.250	ug/l	99
31) Cyclohexane	7.96	56	351265	46.906	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	310579	48.674	ug/l	99
36) 1,1-Dichloropropene	8.09	75	303370	48.495	ug/l	99
37) Ethyl Acetate	7.26	43	96238	40.446	ug/l	99
38) Carbon Tetrachloride	8.08	117	270694	46.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	359912	43.333	ug/l	95
40) Benzene	8.33	78	948333	51.456	ug/l	100
41) Methacrylonitrile	7.49	41	75618	61.944	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	233763	53.019	ug/l	99
43) Isopropyl Acetate	8.43	43	244770	55.396	ug/l	98
44) Trichloroethene	9.10	130	429291	84.907	ug/l	94
45) 1,2-Dichloropropane	9.38	63	225217	50.840	ug/l	99
46) Dibromomethane	9.46	93	112936	52.084	ug/l	99
47) Bromodichloromethane	9.65	83	271624	51.208	ug/l	96
48) Methyl methacrylate	9.44	41	107109	46.685	ug/l	92
49) 1,4-Dioxane	9.45	88	47212	1166.183	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	759469	305.431	ug/l	100
52) Toluene	10.40	92	671382	50.123	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	310307	54.131	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	358593	52.236	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	185039	53.520	ug/l	97
56) Ethyl methacrylate	10.65	69	232208	52.978	ug/l	99
57) 1,3-Dichloropropane	10.94	76	312956	54.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	564149	296.129	ug/l	99
59) 2-Hexanone	10.98	43	557407	310.948	ug/l	100
60) Dibromochloromethane	11.13	129	208850	54.440	ug/l	99
61) 1,2-Dibromoethane	11.24	107	176777	55.757	ug/l	100
64) Tetrachloroethene	10.87	164	412966	82.960	ug/l	100
65) Chlorobenzene	11.66	112	733296	49.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	225171	51.309	ug/l	100
67) Ethyl Benzene	11.74	91	1262556	49.325	ug/l	99
68) m/p-Xylenes	11.85	106	1016078	98.507	ug/l	99
69) o-Xylene	12.17	106	482114	50.238	ug/l	99
70) Styrene	12.19	104	812242	51.871	ug/l	100
71) Bromoform	12.35	173	134366	56.469	ug/l #	98
73) Isopropylbenzene	12.47	105	1244027	49.438	ug/l	100
74) N-amyl acetate	12.28	43	219732	45.896	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	24457	6.467	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	295187	107.761	ug/l #	100
77) Bromobenzene	12.76	156	309085	52.138	ug/l	97
78) n-propylbenzene	12.81	91	1463465	48.425	ug/l	99
79) 2-Chlorotoluene	12.90	91	863205	49.808	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1044417	48.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	71287	61.032	ug/l	98
82) 4-Chlorotoluene	12.99	91	905162	49.690	ug/l	100
83) tert-Butylbenzene	13.21	119	868533	46.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1073274	49.846	ug/l	98
85) sec-Butylbenzene	13.39	105	1195939	44.405	ug/l	99
86) p-Isopropyltoluene	13.51	119	1072258	44.974	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	603893	48.514	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	601399	49.190	ug/l	99
89) n-Butylbenzene	13.83	91	916415	40.888	ug/l	98
90) Hexachloroethane	14.10	117	166671	43.633	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	556655	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39018	62.044	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

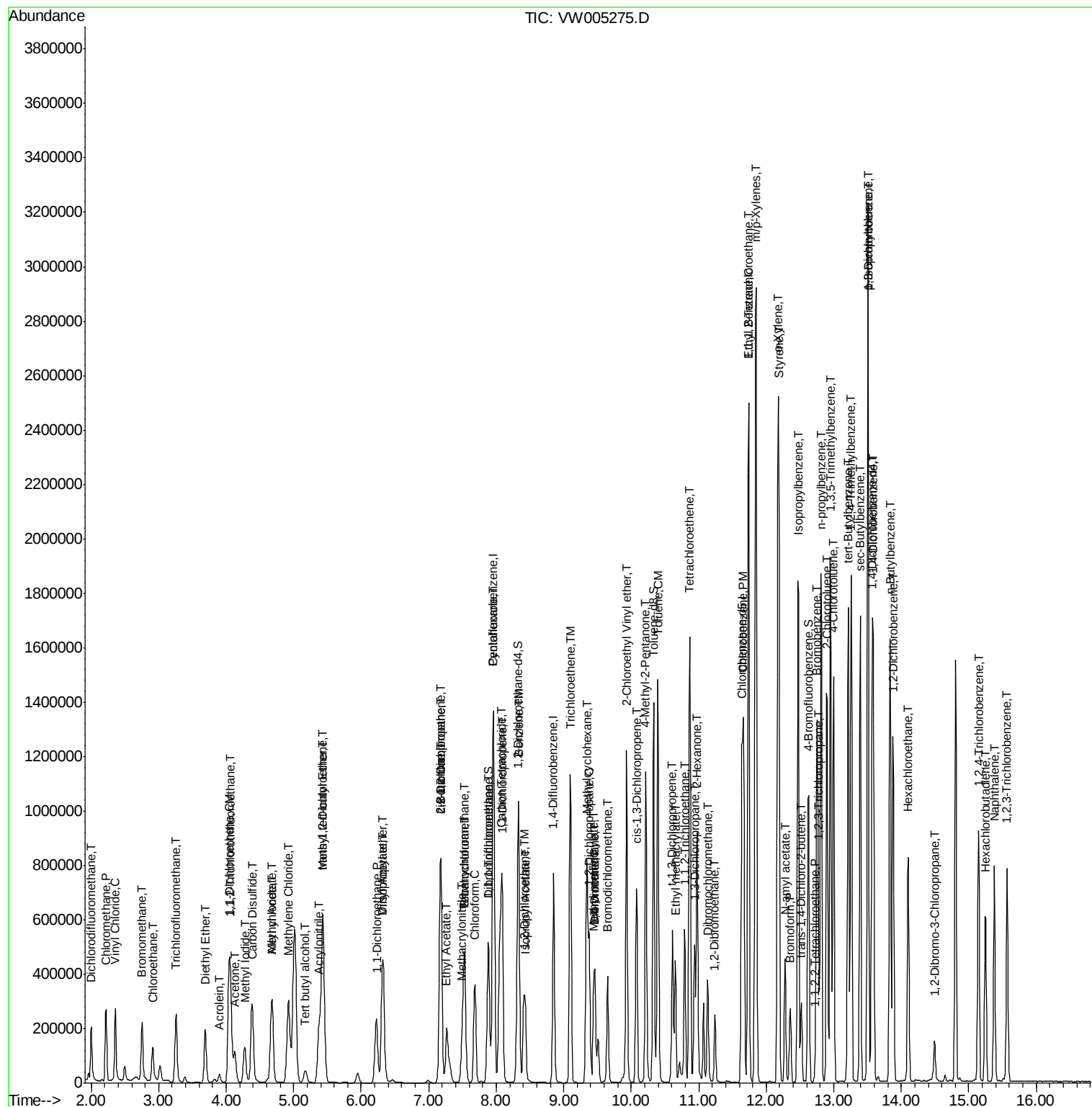
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	328714	42.473	ug/l	100
94) Hexachlorobutadiene	15.25	225	134145	27.067	ug/l	99
95) Naphthalene	15.38	128	700373	55.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	295036	44.303	ug/l	99

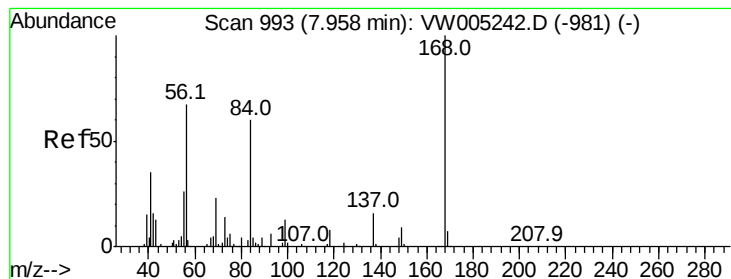
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

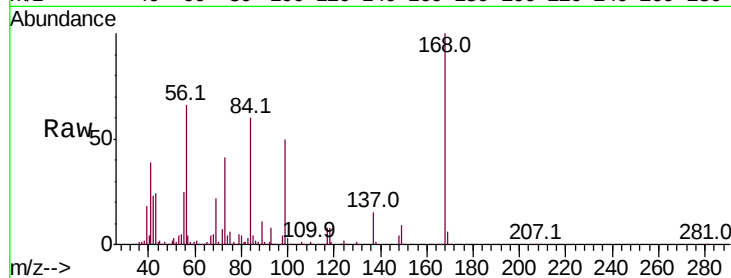
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 469217

Ion Ratio Lower Upper

168 100

99 49.4 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

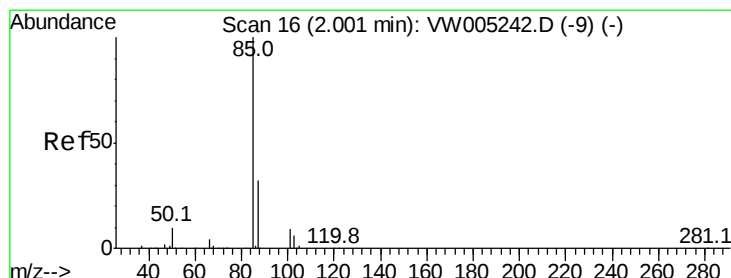
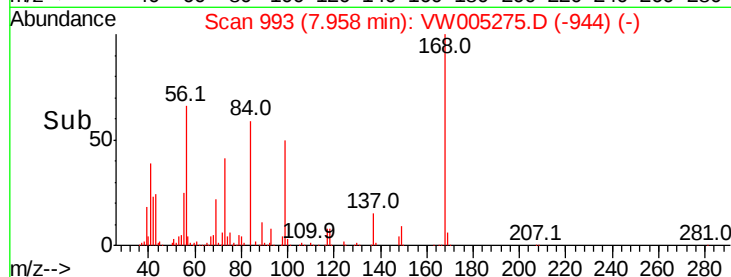
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 44.560 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005275.D

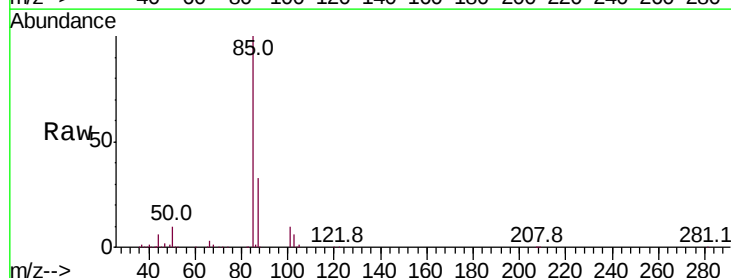
Acq: 11 Sep 2018 15:02

Tgt Ion: 85 Resp: 180362

Ion Ratio Lower Upper

85 100

87 33.1 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

120000

100000

80000

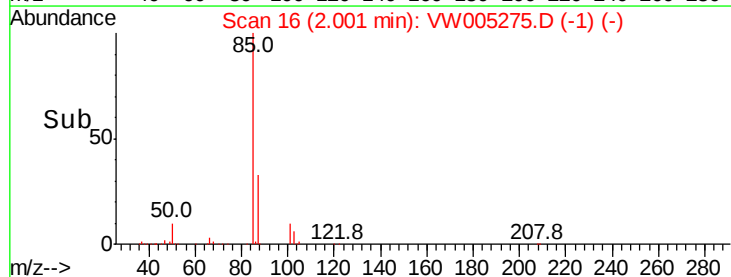
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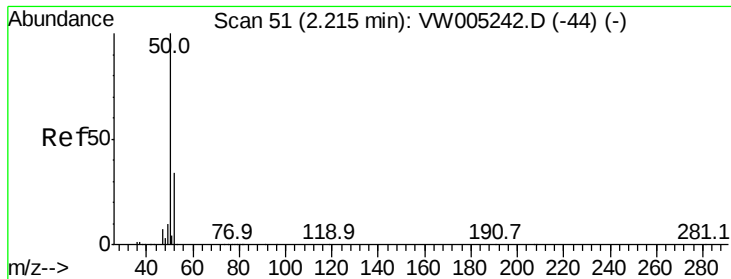
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 49.674 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

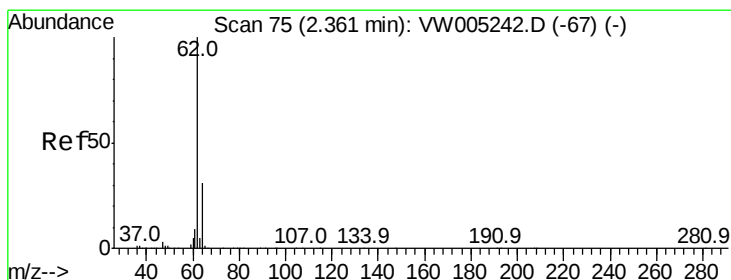
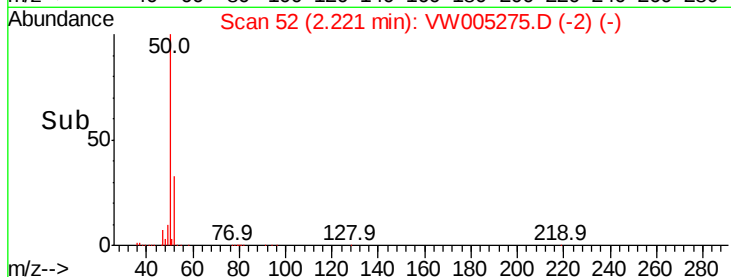
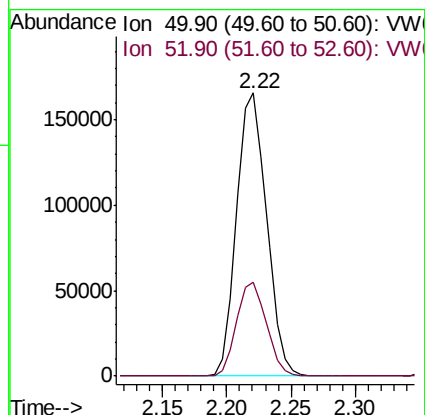
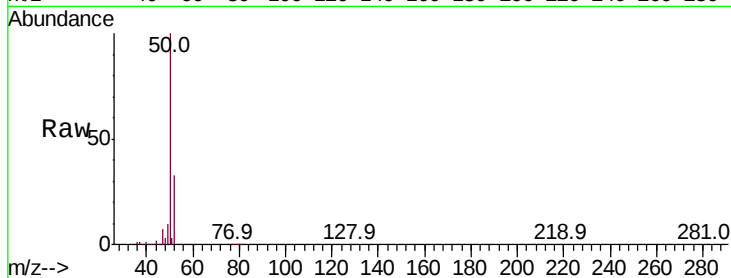
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 50 Resp: 268804

Ion Ratio Lower Upper

50 100

52 33.0 27.0 40.4



#4

Vinyl Chloride

Concen: 49.800 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005275.D

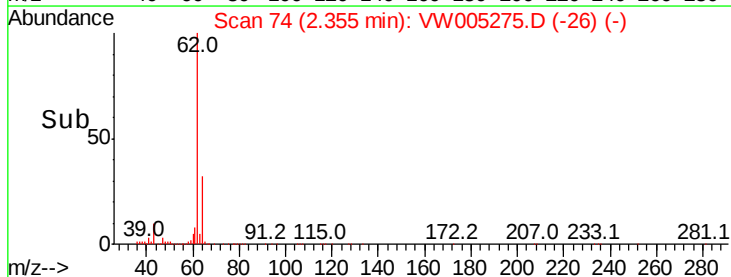
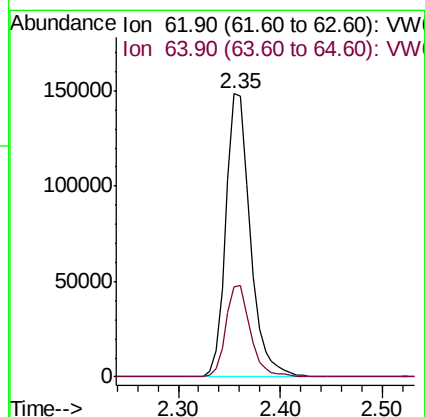
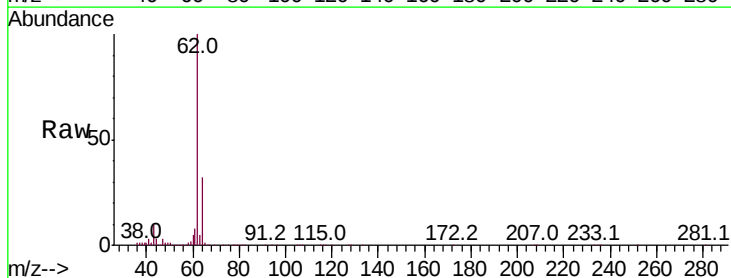
Acq: 11 Sep 2018 15:02

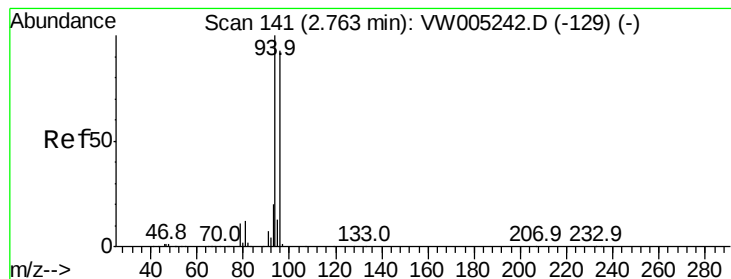
Tgt Ion: 62 Resp: 247401

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 55.803 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

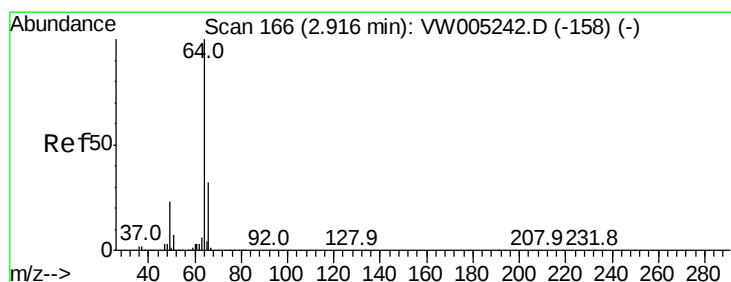
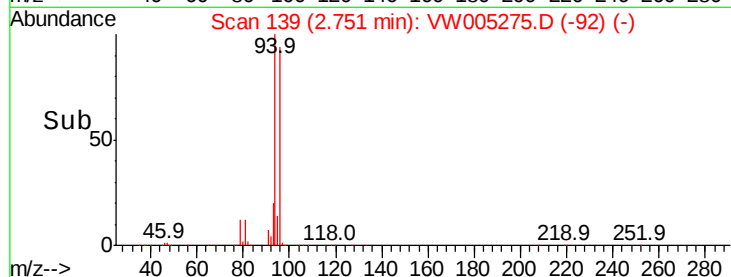
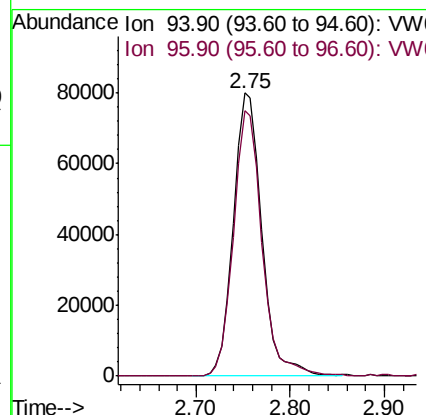
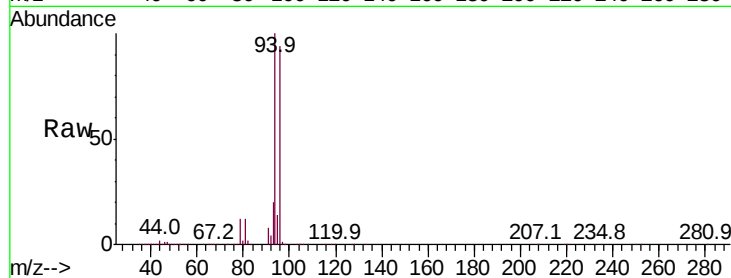
ClientSampleId :

Tot Ion: 94 Resp: 167112

Ion Ratio Lower Upper

94 100

96 93.5 74.1 111.1



#6

Chloroethane

Concen: 50.480 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005275.D

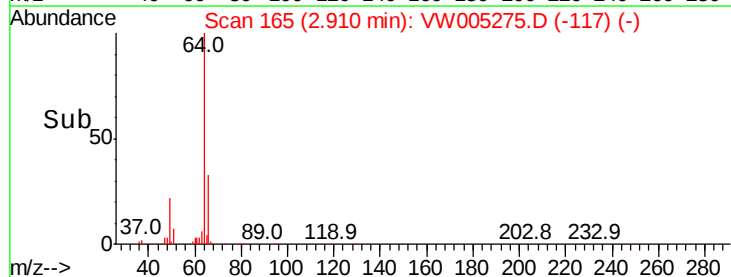
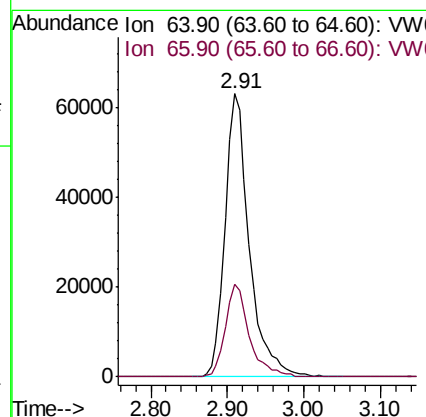
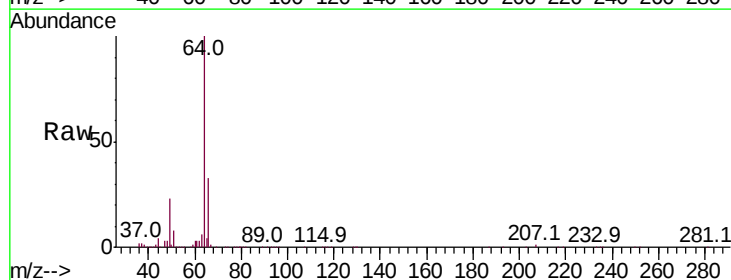
Acq: 11 Sep 2018 15:02

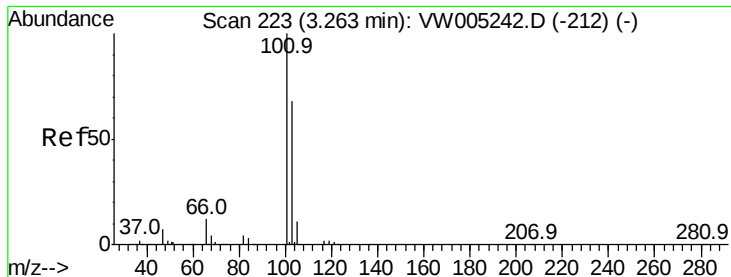
Tgt Ion: 64 Resp: 138140

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9



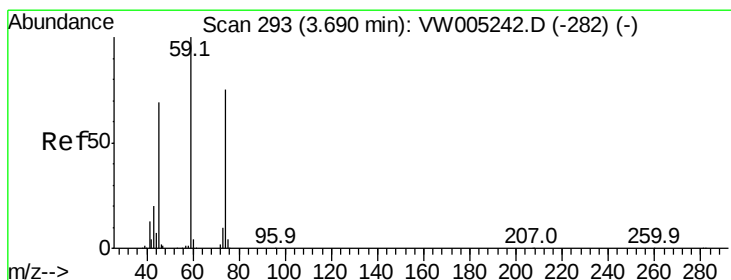
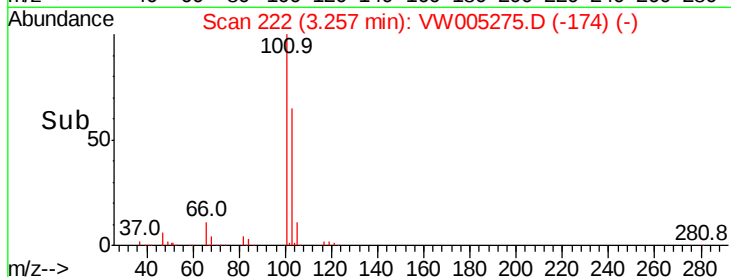
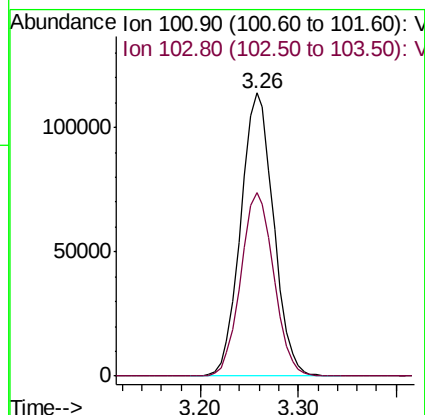
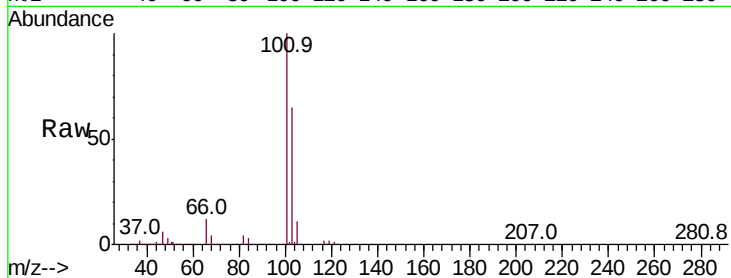


#7

Trichlorofluoromethane
 Concen: 47.223 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :

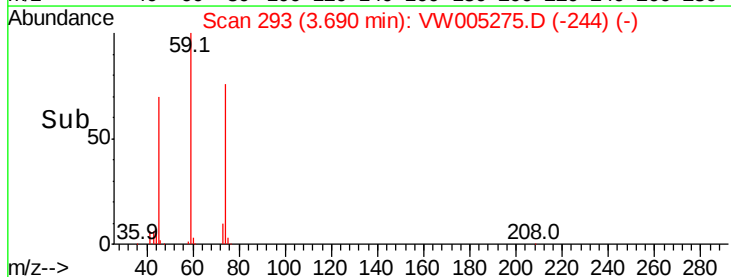
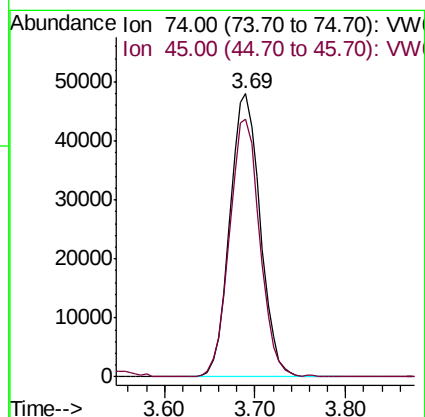
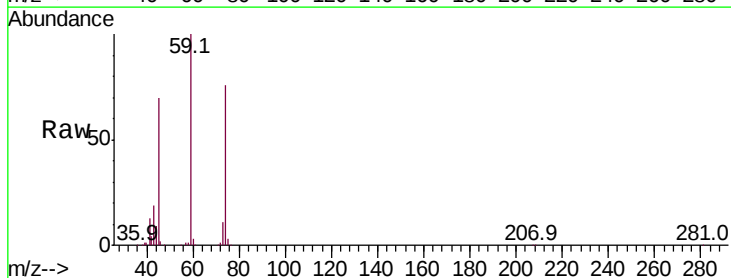
Tot Ion:101 Resp: 265382
 Ion Ratio Lower Upper
 101 100
 103 64.7 54.1 81.1

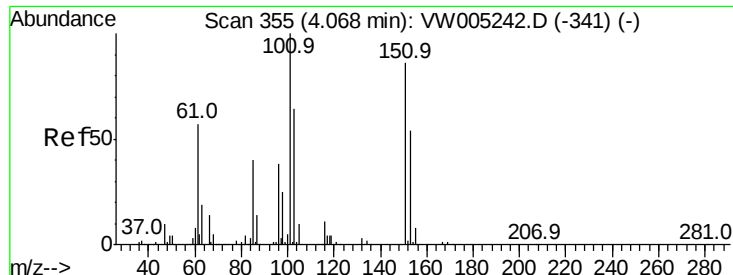


#8

Diethyl Ether
 Concen: 55.792 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 74 Resp: 111740
 Ion Ratio Lower Upper
 74 100
 45 91.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.349 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

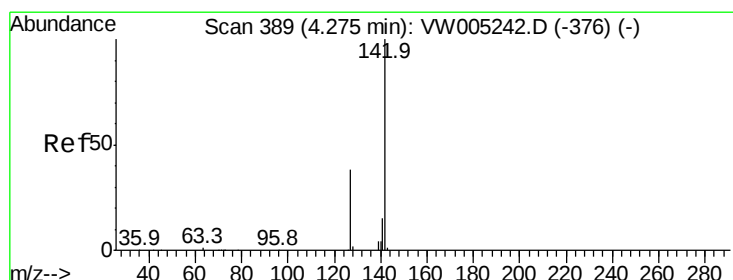
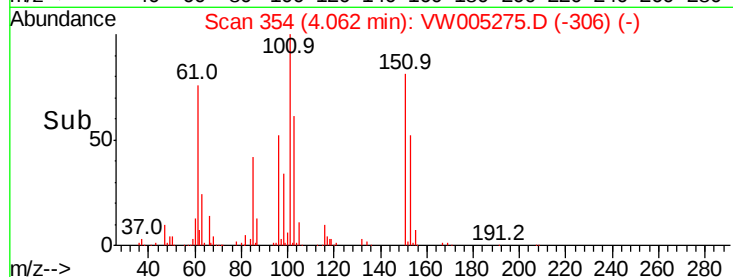
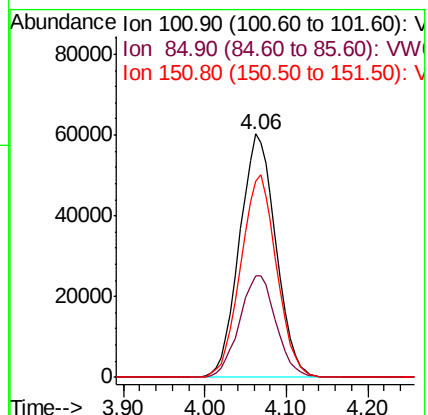
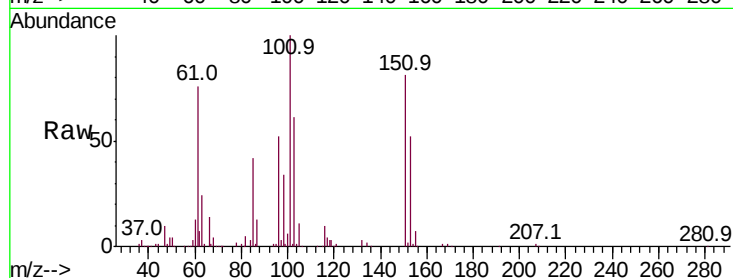
Tot Ion:101 Resp: 186053

Ion Ratio Lower Upper

101 100

85 42.1 32.7 49.1

151 82.3 67.6 101.4



#10

Methyl Iodide

Concen: 46.593 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

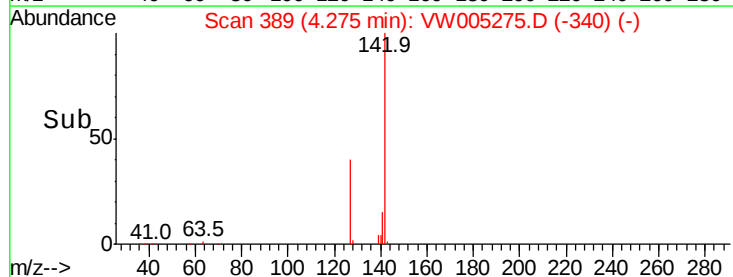
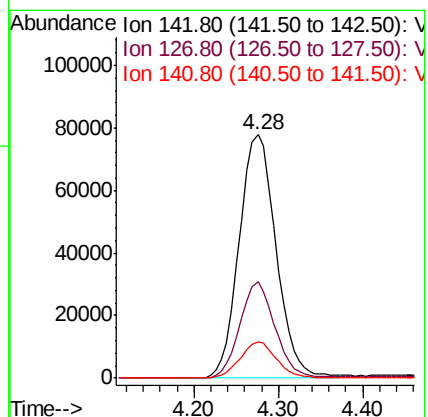
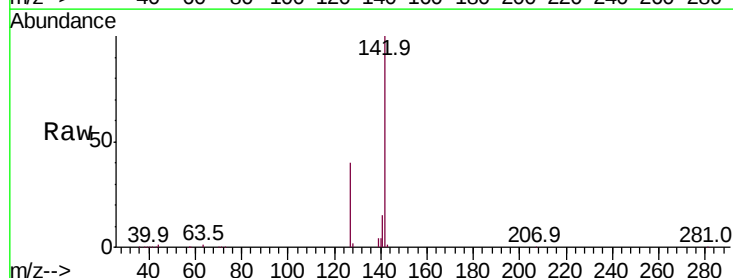
Tgt Ion:142 Resp: 231260

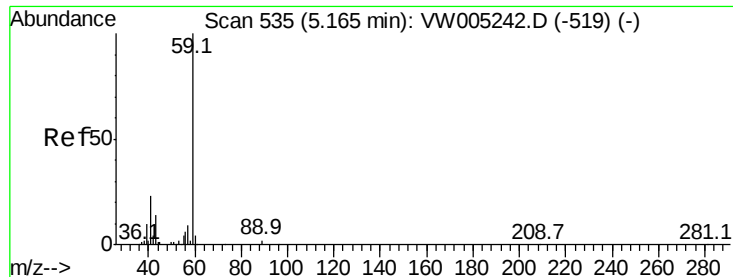
Ion Ratio Lower Upper

142 100

127 37.8 30.3 45.5

141 14.5 11.4 17.0



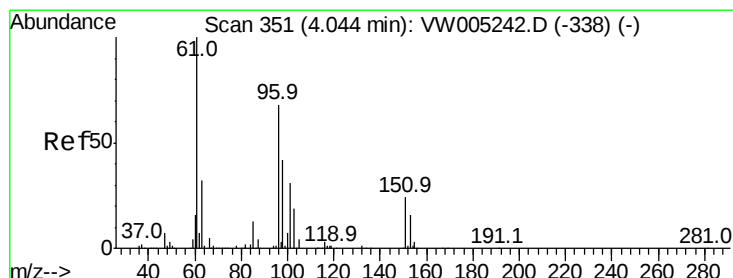
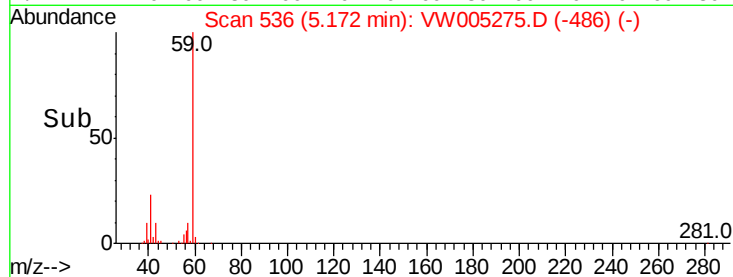
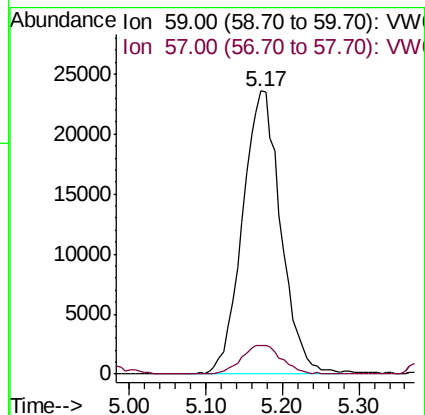
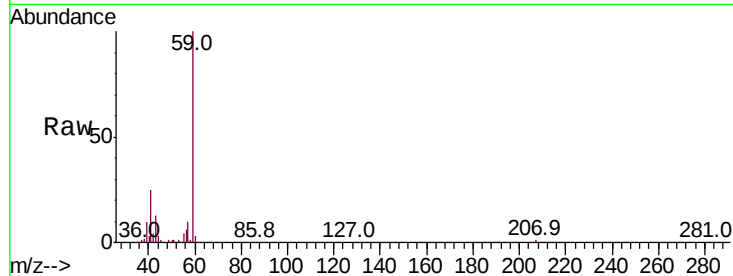


#11

Tert butyl alcohol
 Concen: 285.926 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampled :

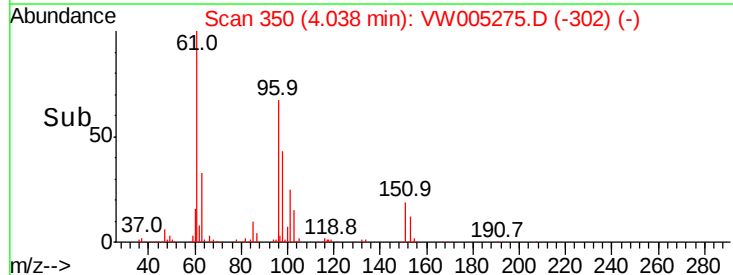
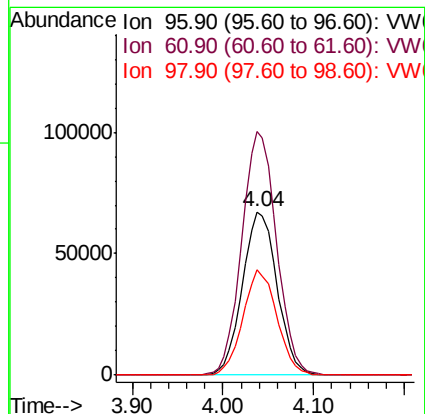
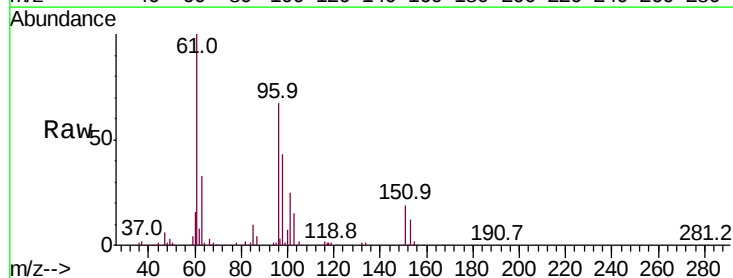
Tot Ion: 59 Resp: 82062
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.1 12.1

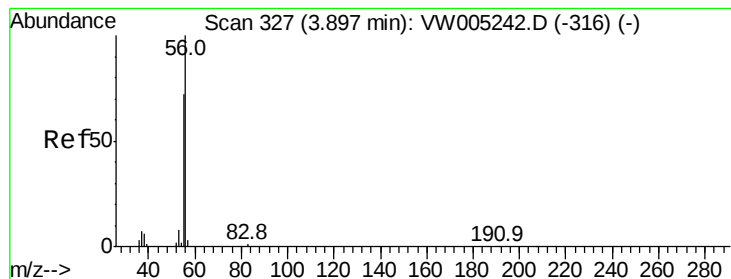


#12

1,1-Dichloroethene
 Concen: 48.370 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 96 Resp: 178780
 Ion Ratio Lower Upper
 96 100
 61 149.1 118.2 177.2
 98 64.7 49.9 74.9





#13

Acrolein

Concen: 130.012 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

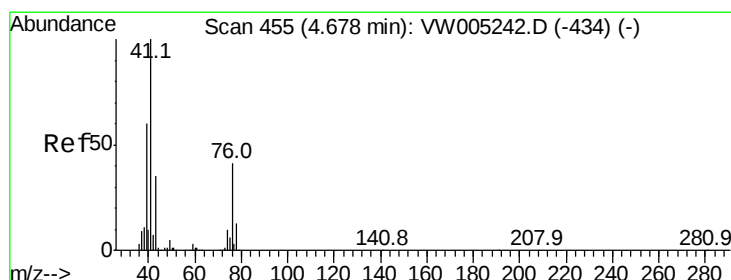
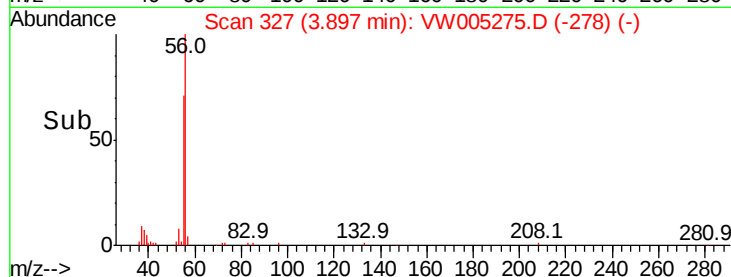
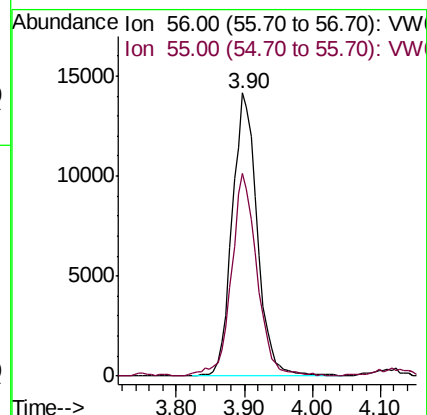
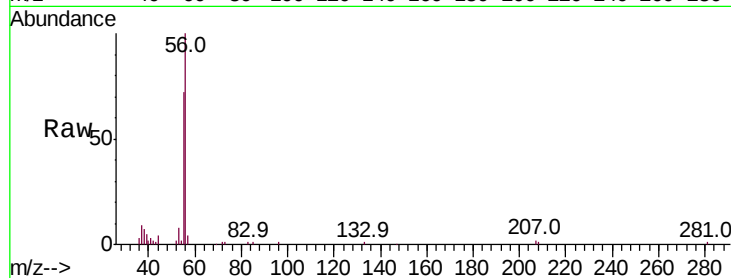
ClientSampleId :

Tot Ion: 56 Resp: 36044

Ion Ratio Lower Upper

56 100

55 73.2 56.8 85.2



#14

Allyl chloride

Concen: 50.522 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

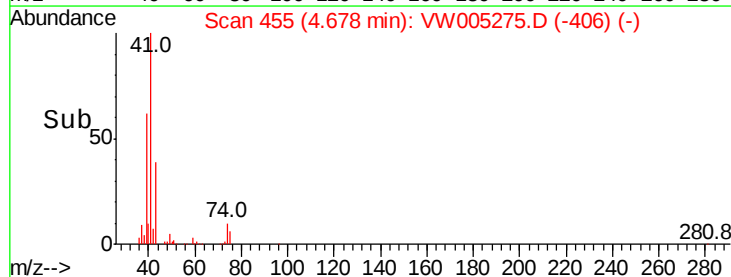
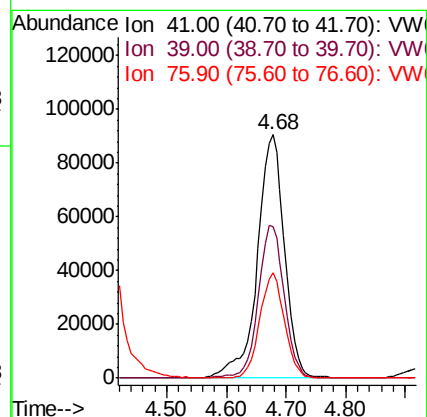
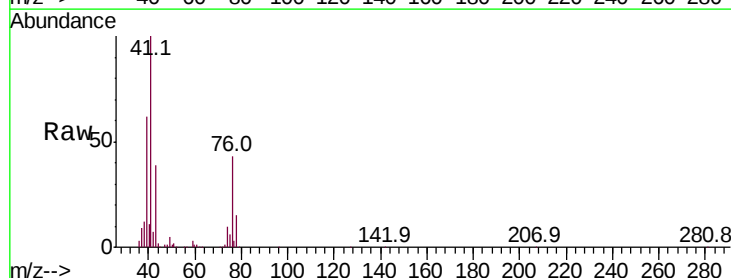
Tgt Ion: 41 Resp: 286924

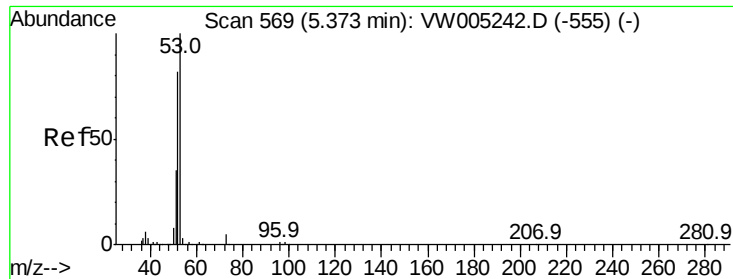
Ion Ratio Lower Upper

41 100

39 60.2 48.2 72.4

76 39.0 31.7 47.5

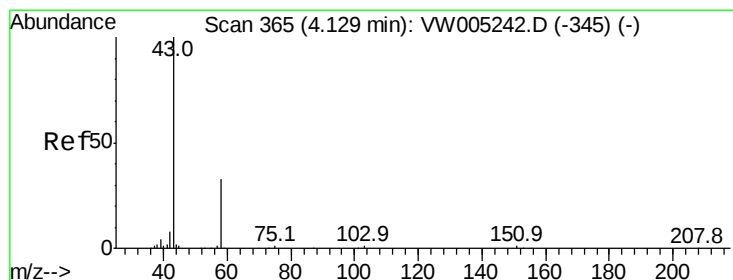
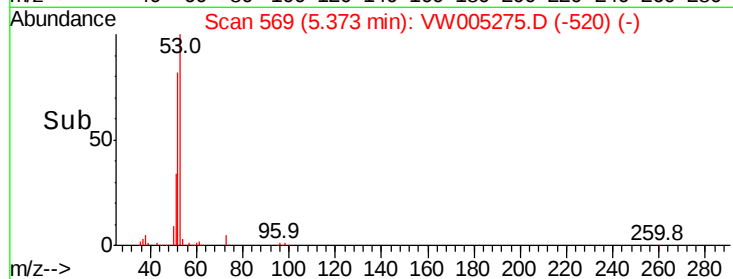
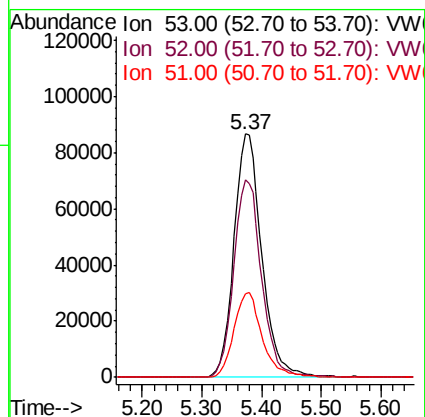
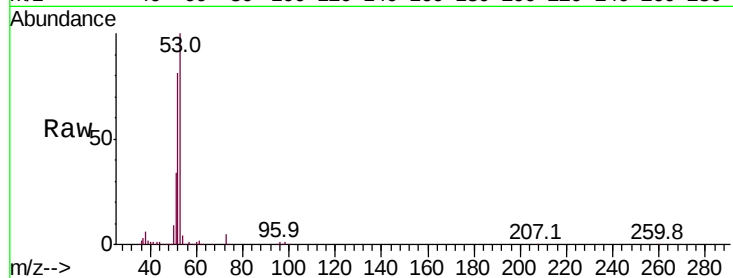




#15
 Acrylonitrile
 Concen: 310.750 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

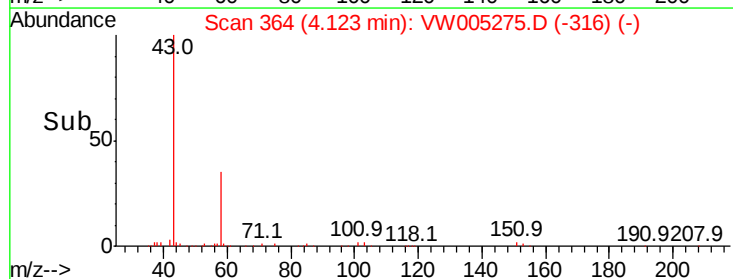
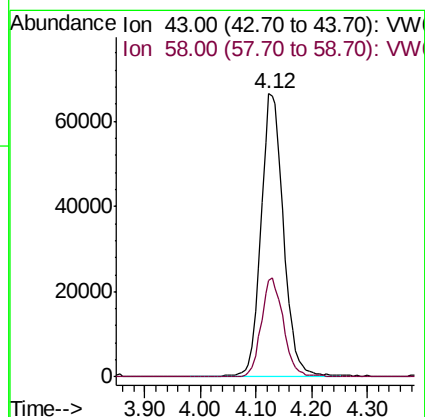
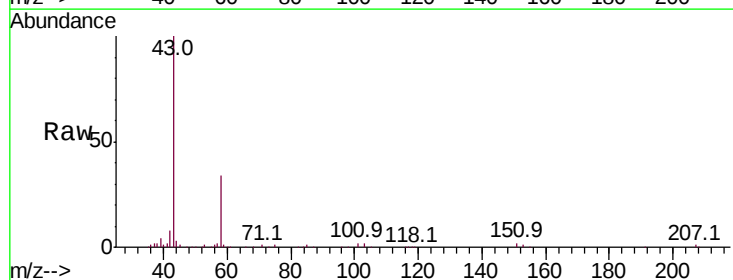
Instrument :
 MSVOA_W
 ClientSampleId :

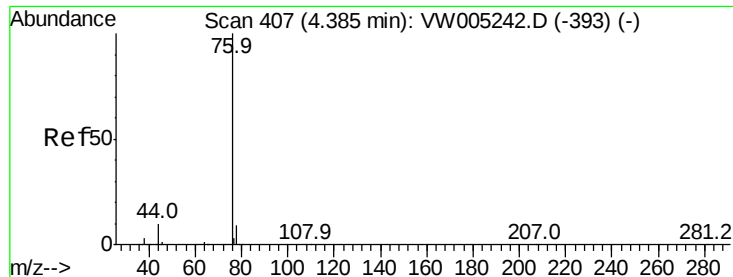
Tot Ion	53	Resp	280790
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.0	99.0
51	35.4	28.6	43.0



#16
 Acetone
 Concen: 290.995 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	43	Resp	189031
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.7	40.1

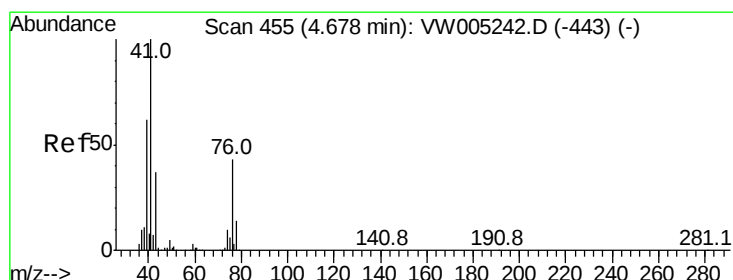
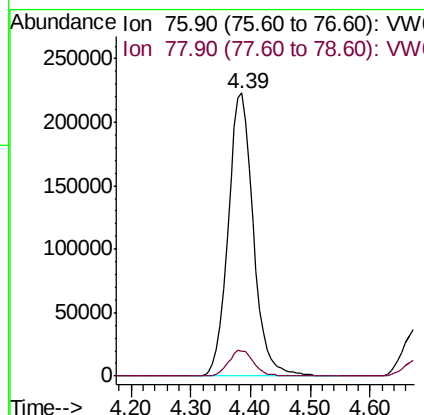
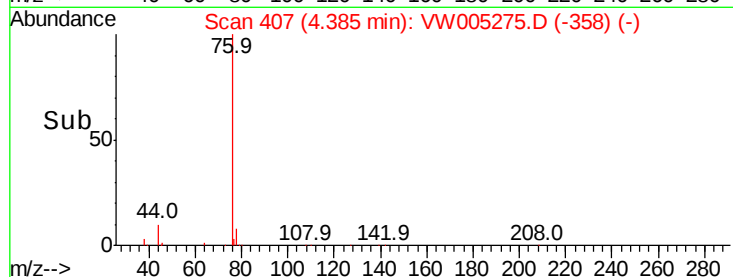
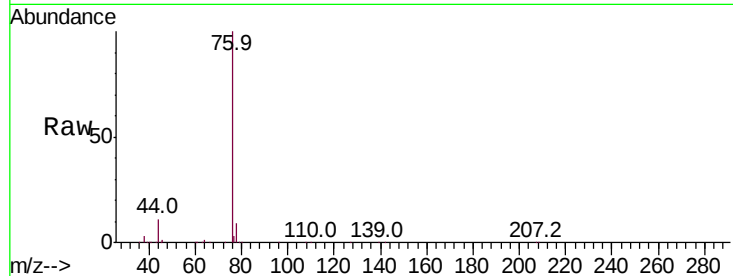




#17
Carbon Disulfide
Concen: 50.320 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

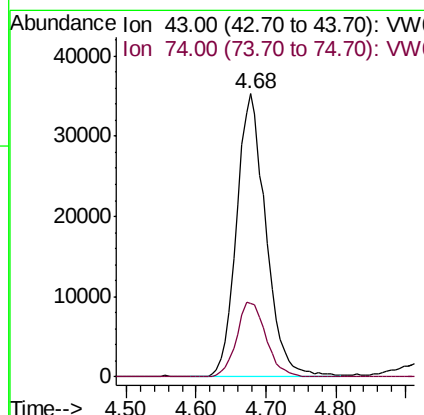
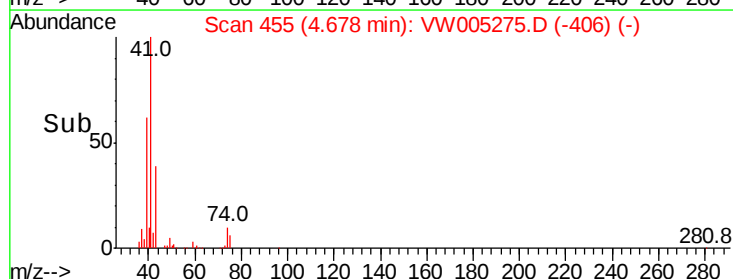
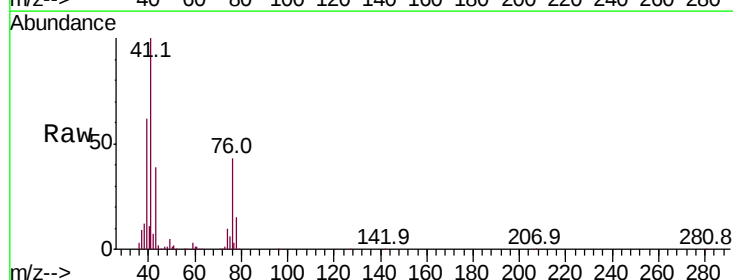
Instrument :
MSVOA_W
ClientSampled :

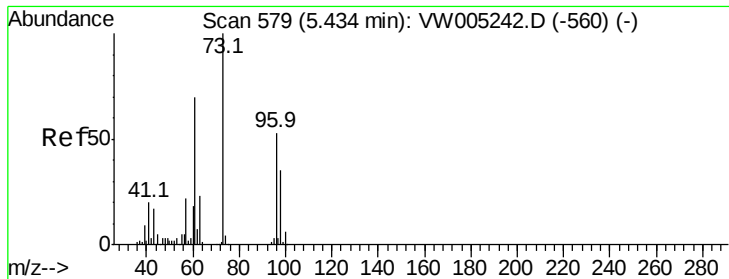
Tot Ion: 76 Resp: 652825
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 53.217 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 43 Resp: 103196
Ion Ratio Lower Upper
43 100
74 26.5 21.4 32.2



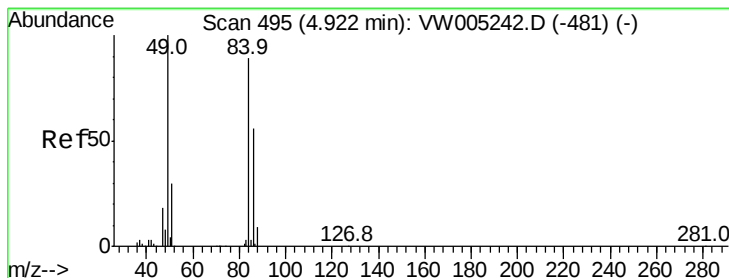
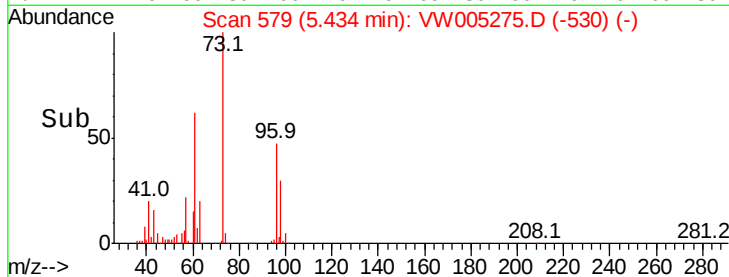
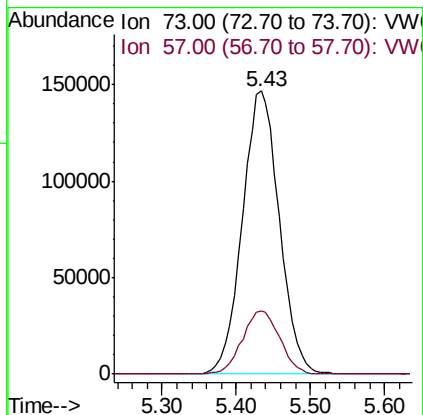
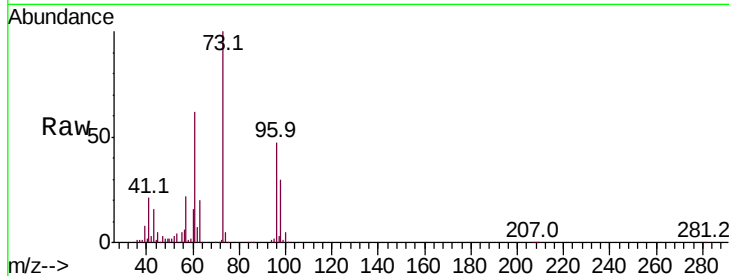


#19

Methyl tert-butyl Ether
 Concen: 57.916 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Instrument :
 MSVOA_W
 ClientSampleId :

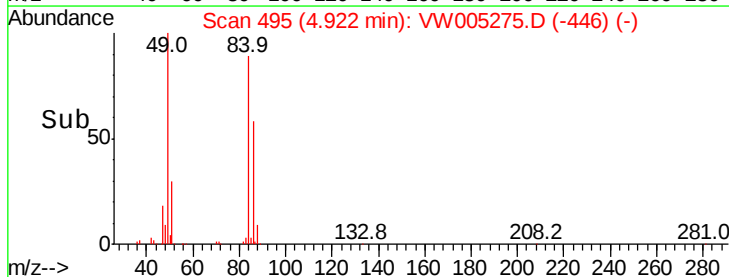
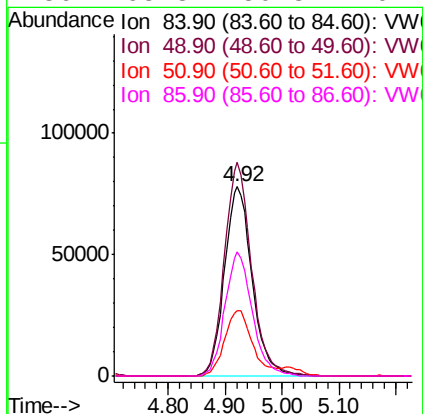
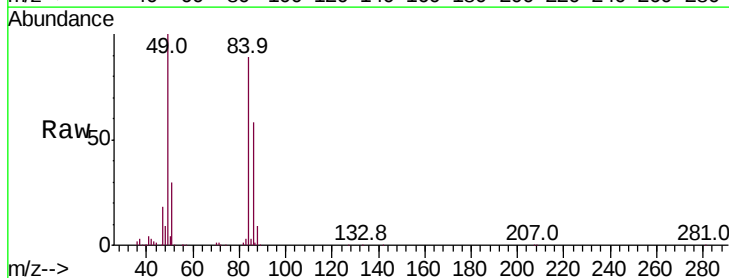
Tot Ion: 73 Resp: 509853
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.4 26.2

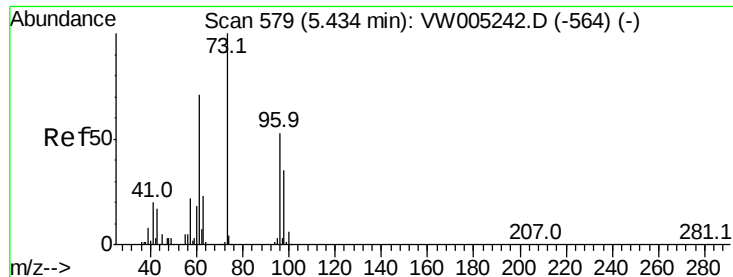


#20

Methylene Chloride
 Concen: 54.817 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 84 Resp: 263109
 Ion Ratio Lower Upper
 84 100
 49 112.8 90.3 135.5
 51 34.3 26.9 40.3
 86 65.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.287 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

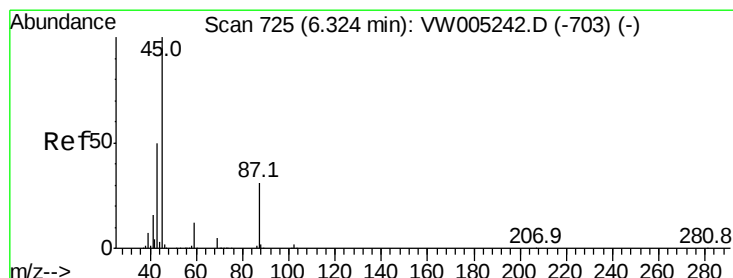
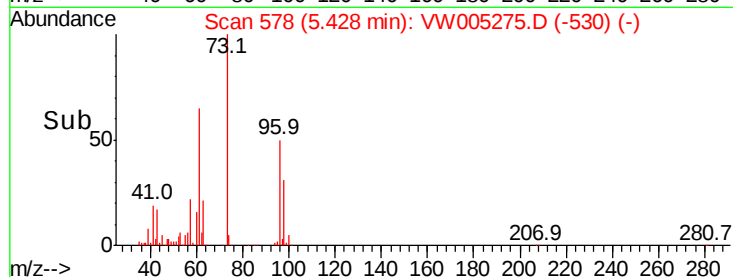
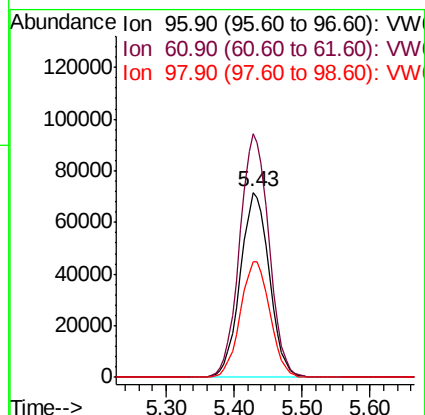
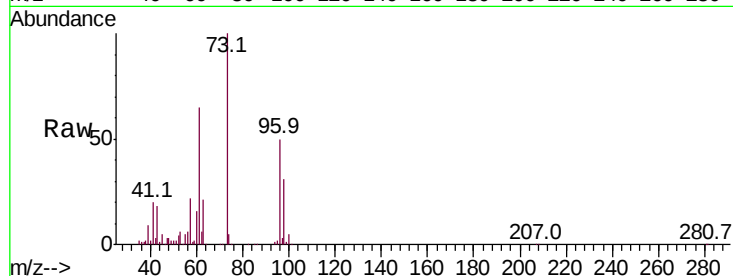
Tot Ion: 96 Resp: 212695

Ion Ratio Lower Upper

96 100

61 131.5 105.7 158.5

98 62.3 52.8 79.2



#22

Diisopropyl ether

Concen: 51.605 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion: 45 Resp: 590028

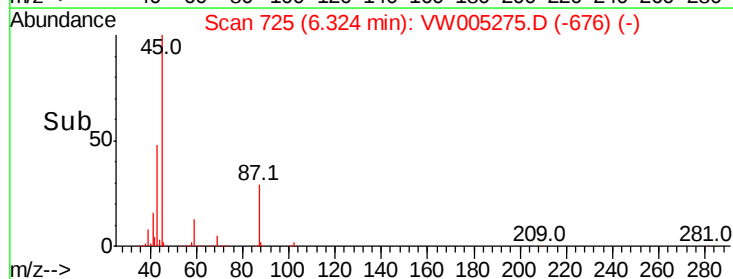
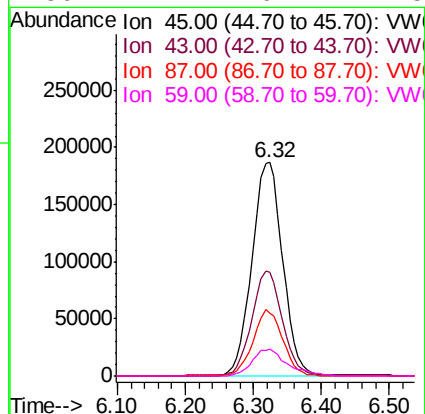
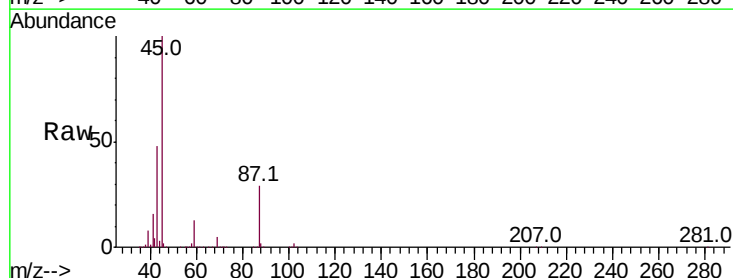
Ion Ratio Lower Upper

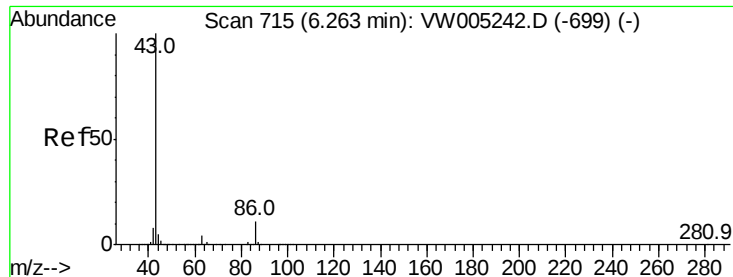
45 100

43 48.4 39.6 59.4

87 29.3 24.7 37.1

59 12.4 9.7 14.5





#23

Vinyl Acetate

Concen: 45.274 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.05 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

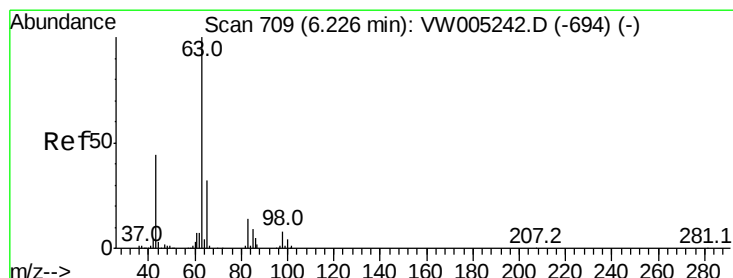
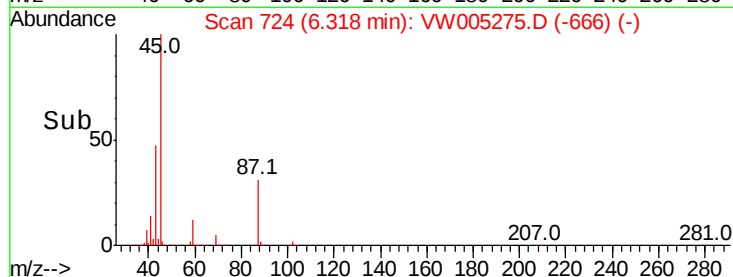
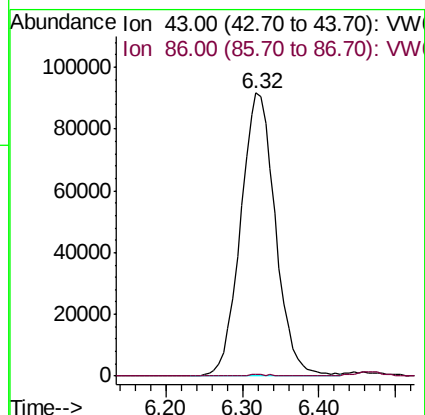
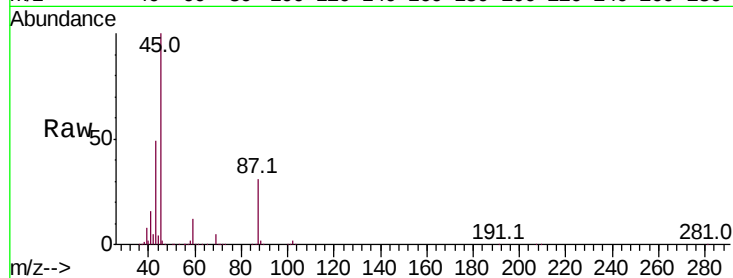
ClientSampleId :

Tot Ion: 43 Resp: 288474

Ion Ratio Lower Upper

43 100

86 0.2 8.9 13.3#



#24

1,1-Dichloroethane

Concen: 50.989 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

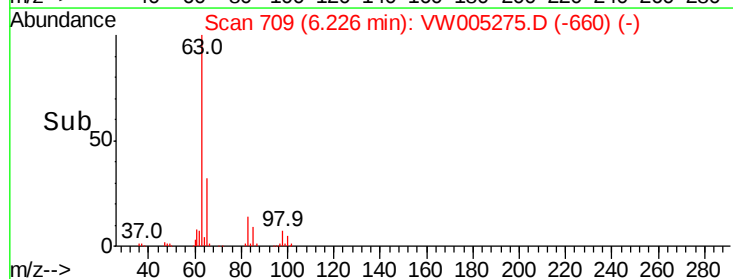
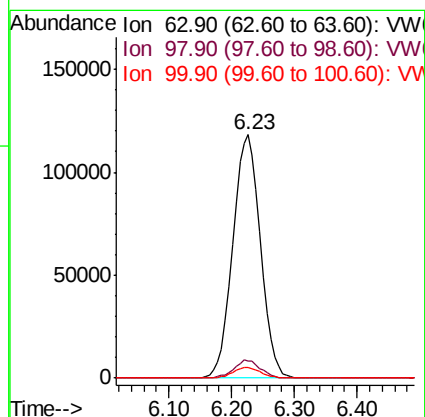
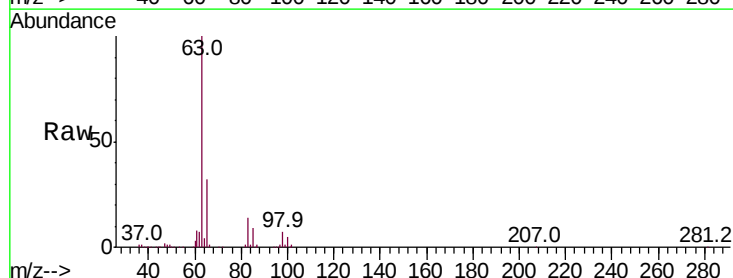
Tgt Ion: 63 Resp: 358862

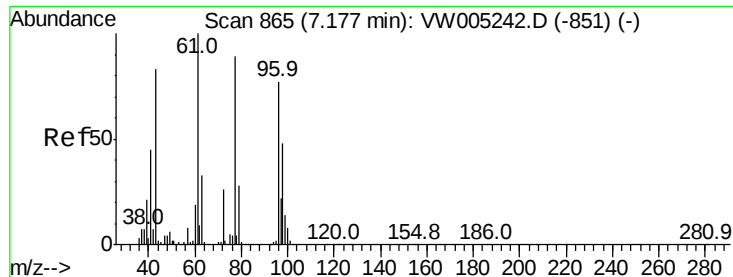
Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 276.181 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

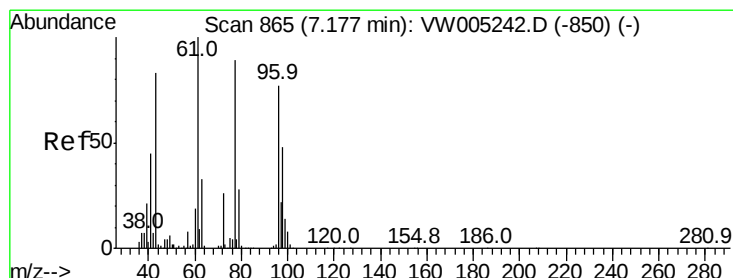
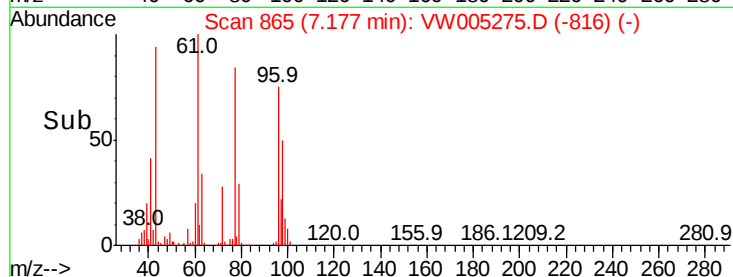
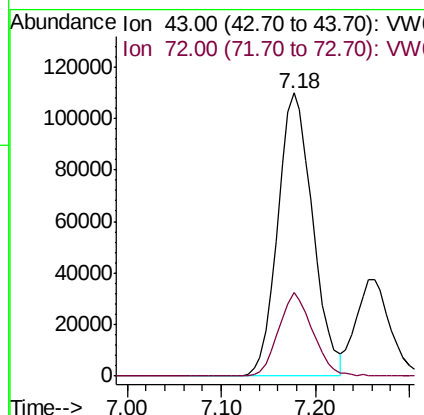
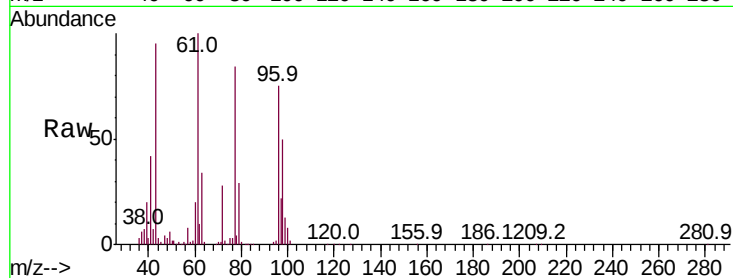
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 282990

Ion Ratio Lower Upper

43 100

72 29.5 25.0 37.6



#26

2,2-Dichloropropane

Concen: 47.102 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005275.D

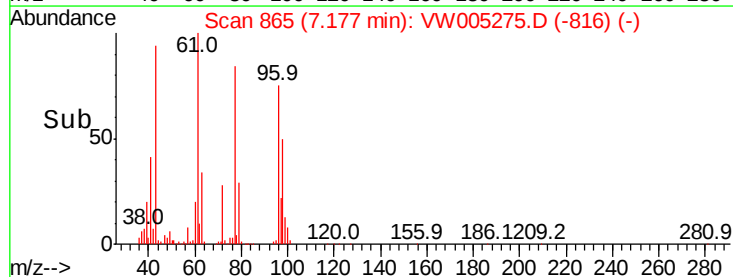
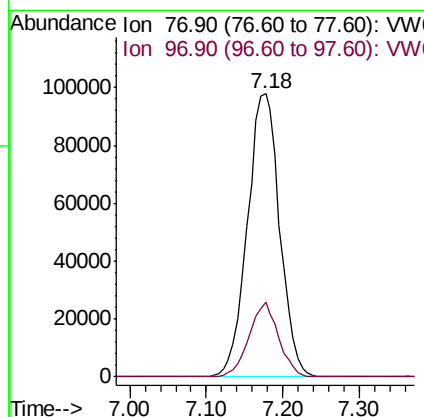
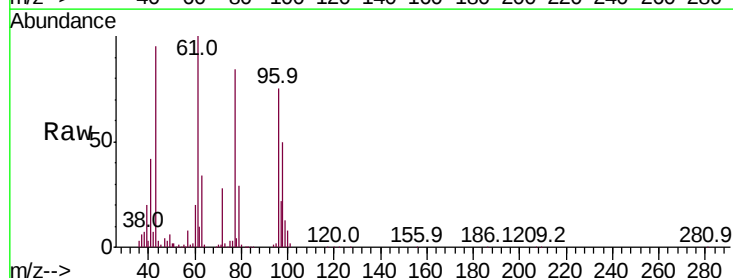
Acq: 11 Sep 2018 15:02

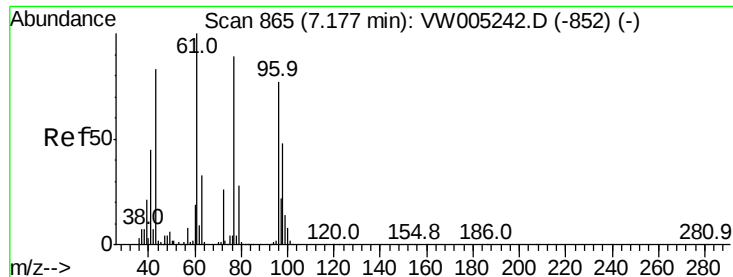
Tgt Ion: 77 Resp: 287416

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6



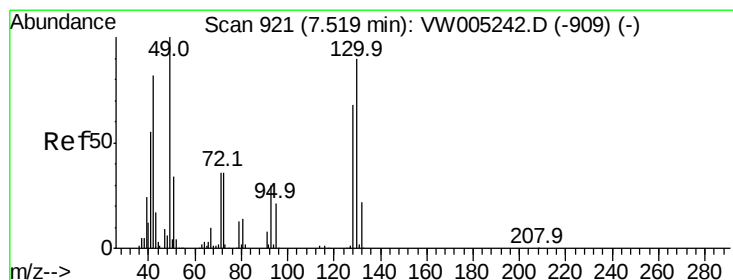
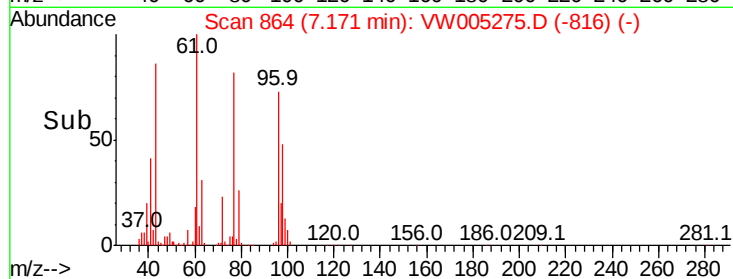
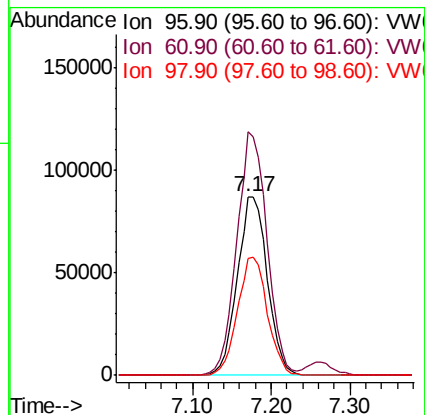
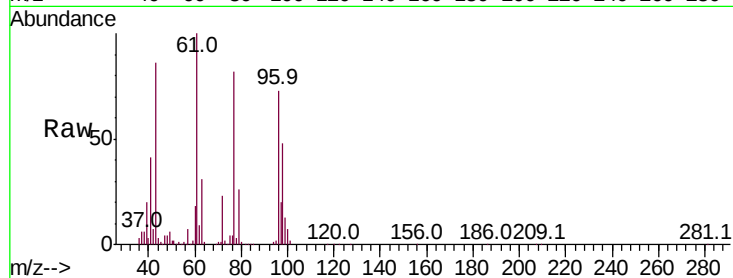


#27

cis-1,2-Dichloroethene
Concen: 50.095 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampled :

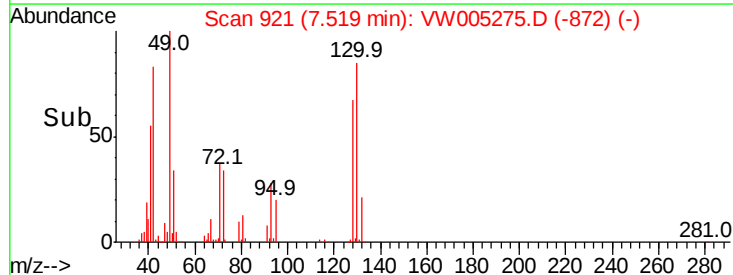
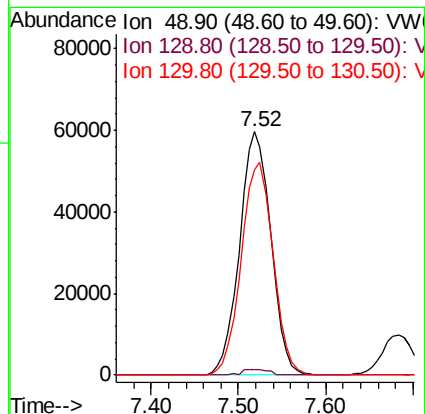
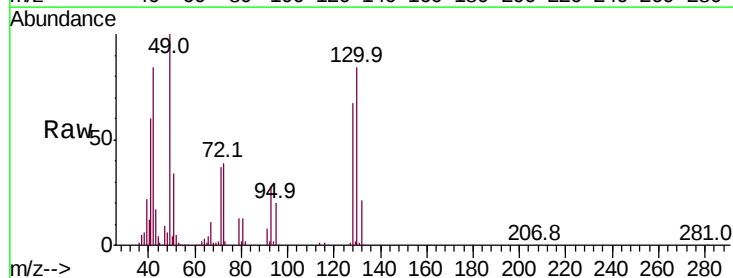
Tot Ion	96	Resp	231367
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	273.4
98	65.5	0.0	127.8

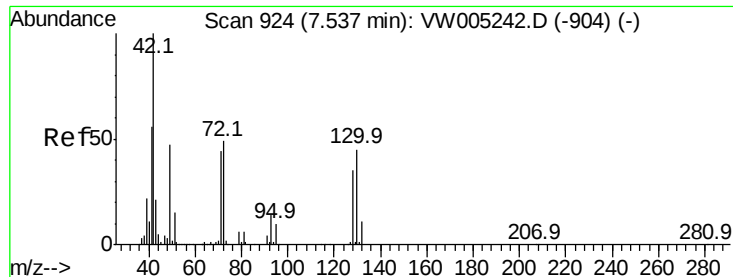


#28

Bromochloromethane
Concen: 57.273 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	49	Resp	148703
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.0
130	88.8	71.2	106.8

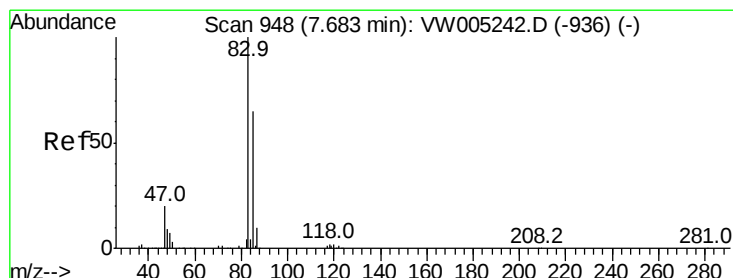
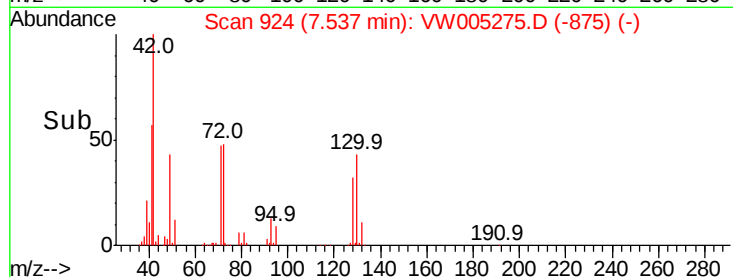
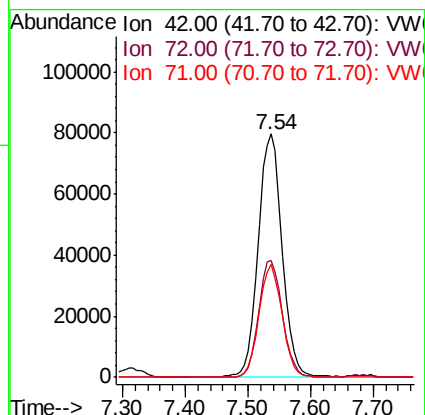
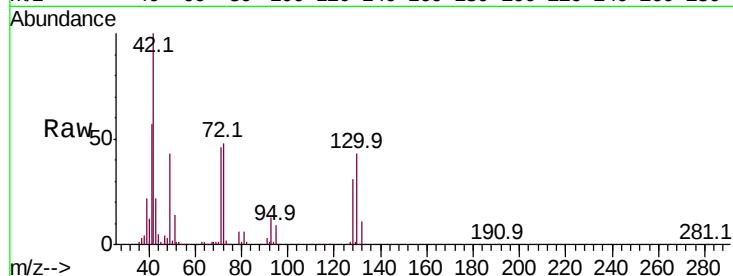




#29
Tetrahydrofuran
Concen: 305.432 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

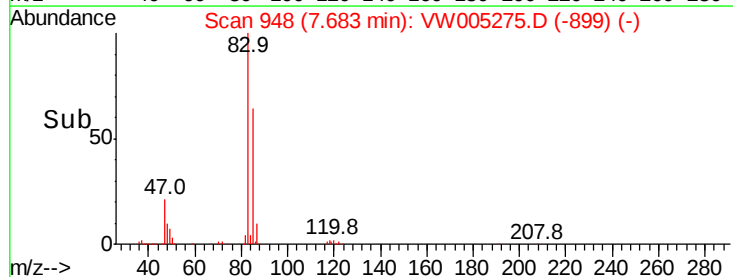
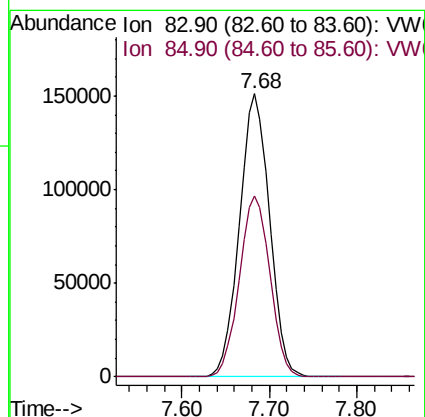
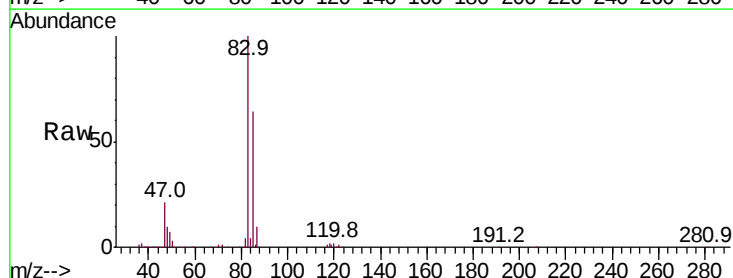
Instrument :
MSVOA_W
ClientSampleId :

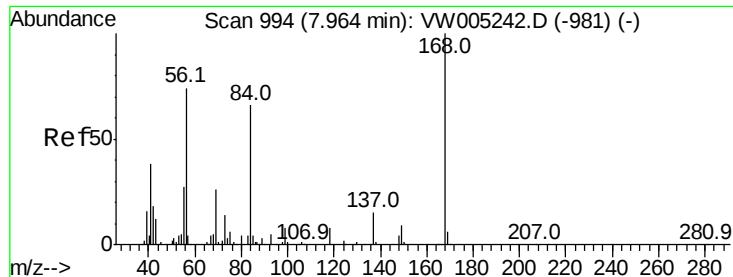
Tot Ion: 42 Resp: 210904
Ion Ratio Lower Upper
42 100
72 47.5 37.5 56.3
71 44.6 34.8 52.2



#30
Chloroform
Concen: 51.250 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 83 Resp: 361975
Ion Ratio Lower Upper
83 100
85 64.1 51.7 77.5

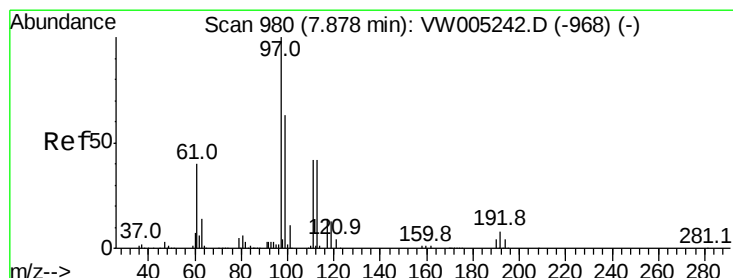
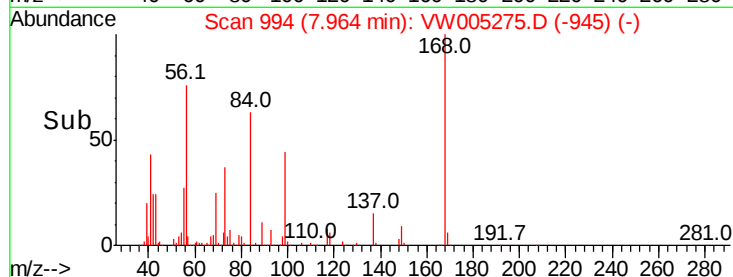
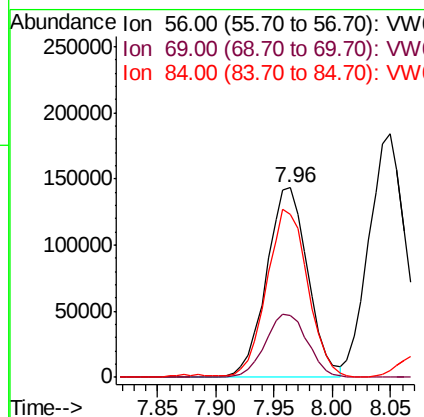
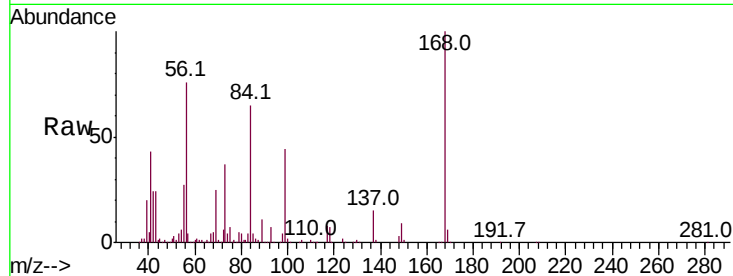




#31
Cyclohexane
Concen: 46.906 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

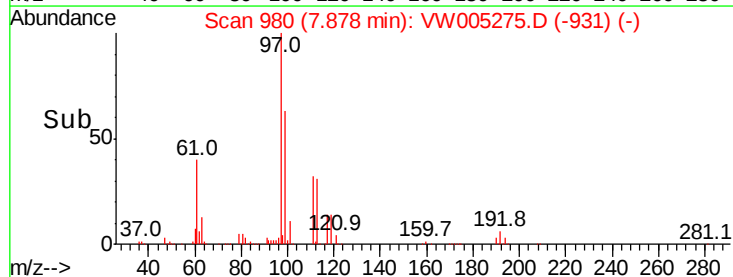
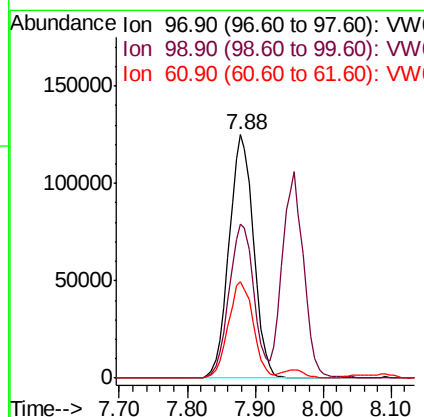
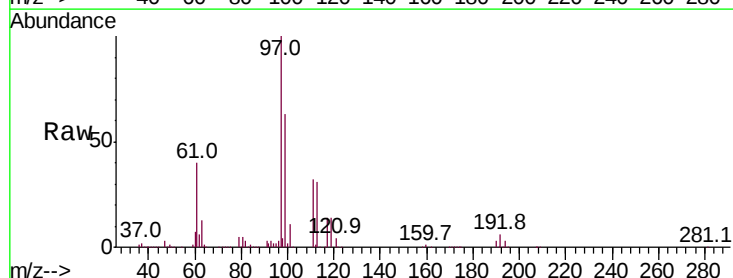
Instrument :
MSVOA_W
ClientSampleId :

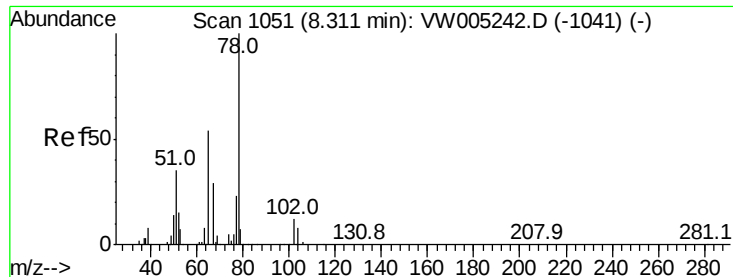
Tot Ion: 56 Resp: 351265
Ion Ratio Lower Upper
56 100
69 32.5 27.8 41.8
84 85.0 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 48.674 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 97 Resp: 310579
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 40.4 32.5 48.7

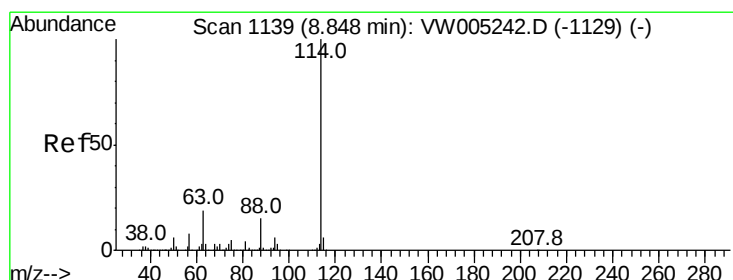
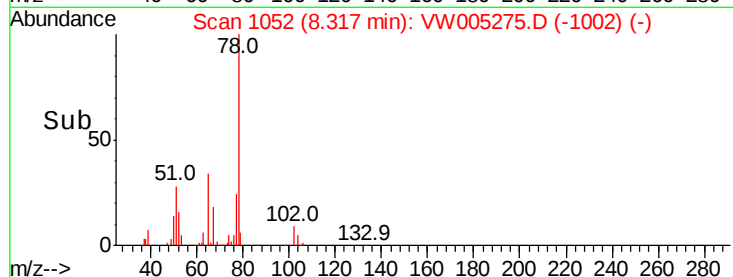
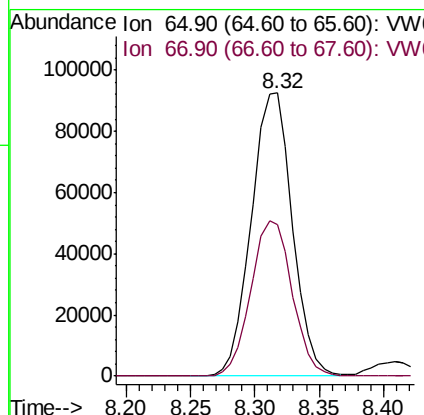
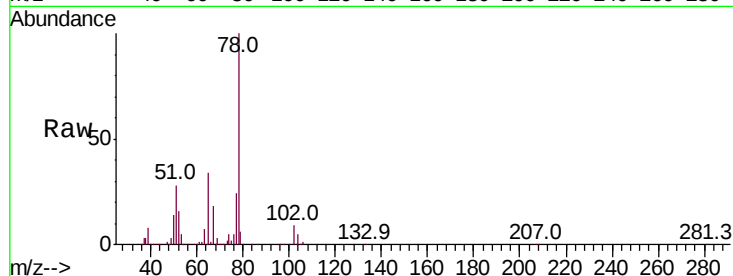




#33
 1,2-Dichloroethane-d4
 Concen: 58.294 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

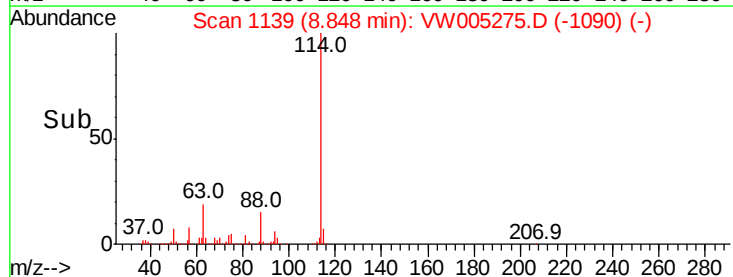
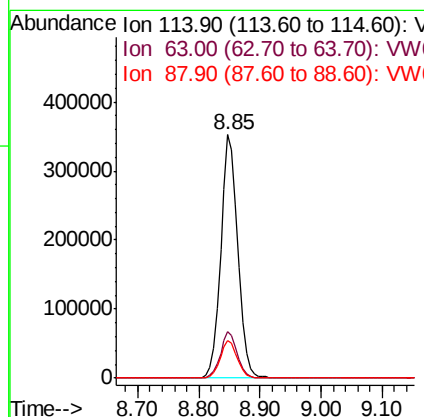
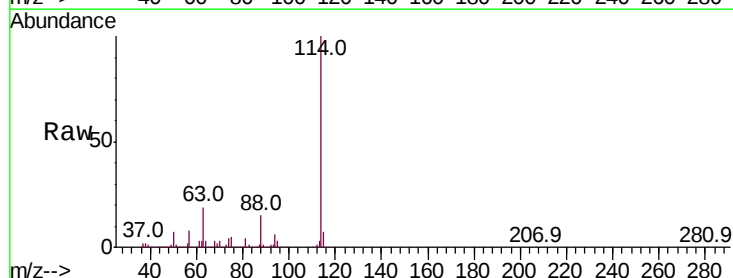
Instrument :
 MSVOA_W
 ClientSampled :

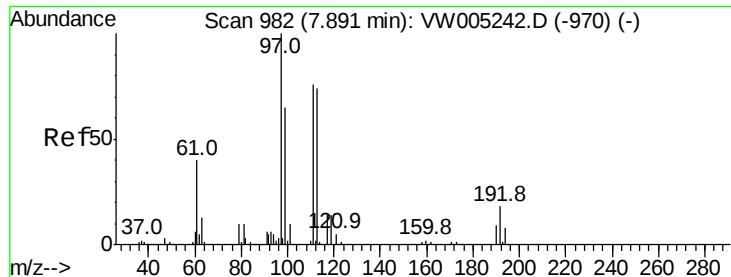
Tot Ion: 65 Resp: 204011
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 114 Resp: 682809
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 37.685 ug/l

RT: 7.89 min Scan# 982

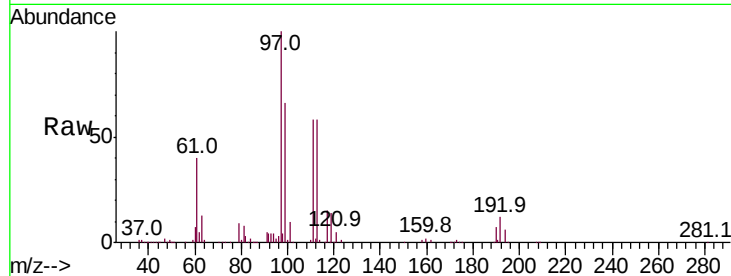
Delta R.T. -0.00 min

Lab File: VW005275.D

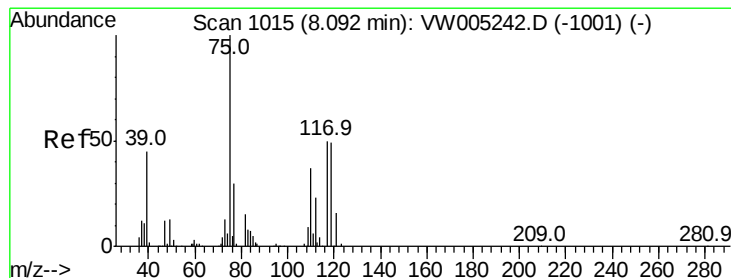
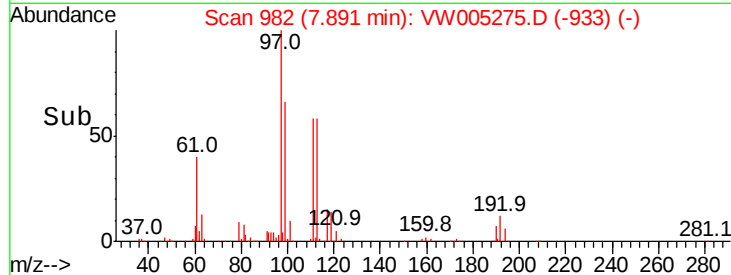
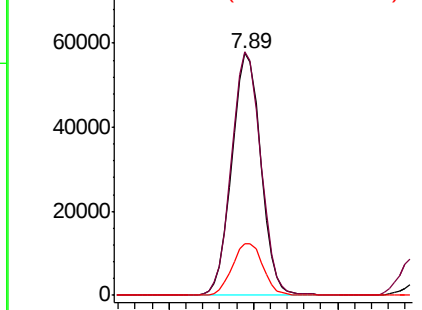
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	113	Resp:	134792
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.6	121.0
192	22.3	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: 48.495 ug/l

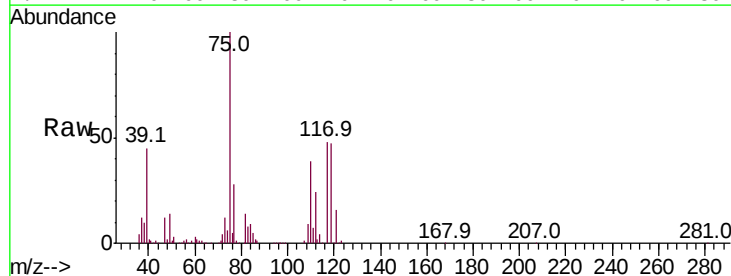
RT: 8.09 min Scan# 1015

Delta R.T. -0.00 min

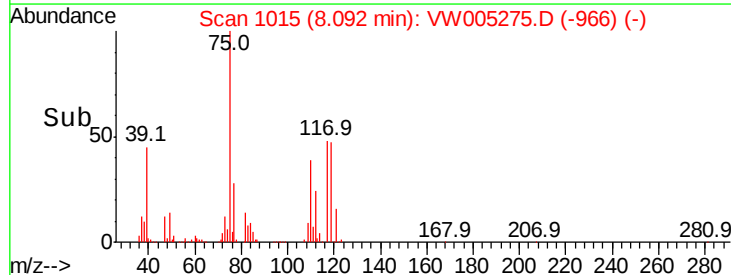
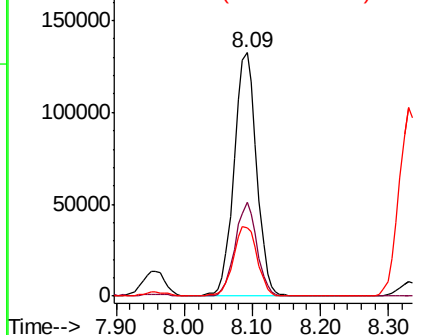
Lab File: VW005275.D

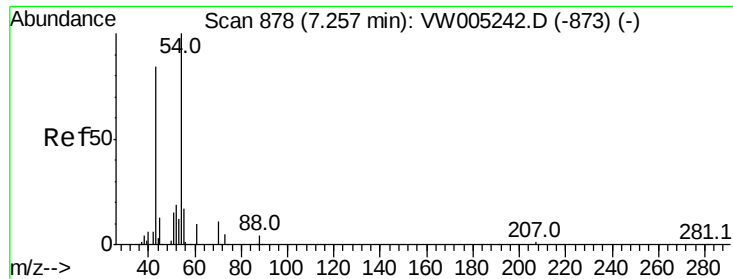
Acq: 11 Sep 2018 15:02

Tgt Ion:	75	Resp:	303370
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.8	56.4
77	30.4	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

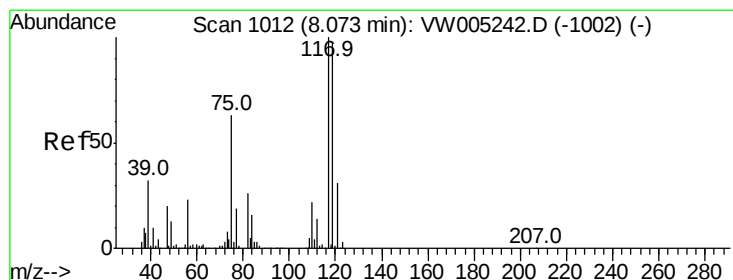
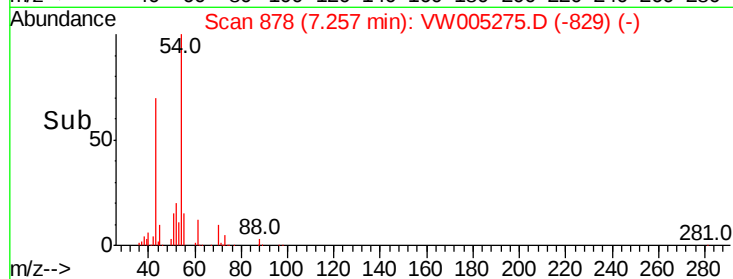
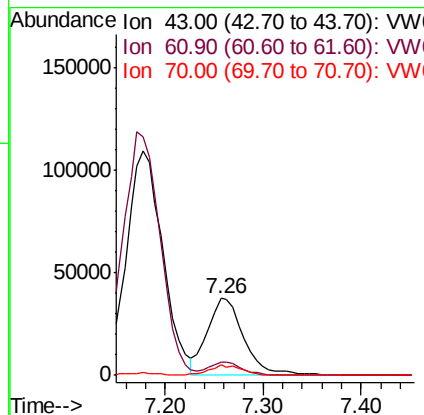
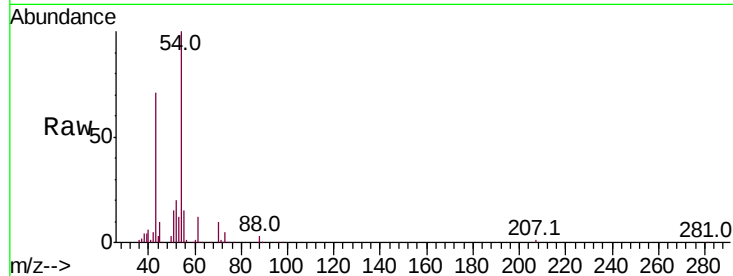




#37
Ethyl Acetate
Concen: 40.446 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

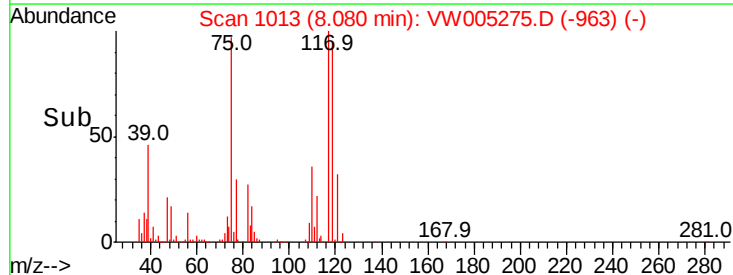
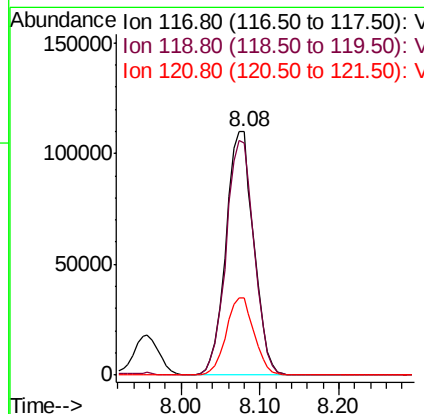
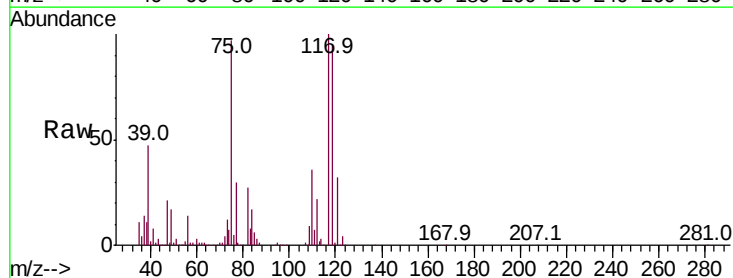
Instrument :
MSVOA_W
ClientSampleId :

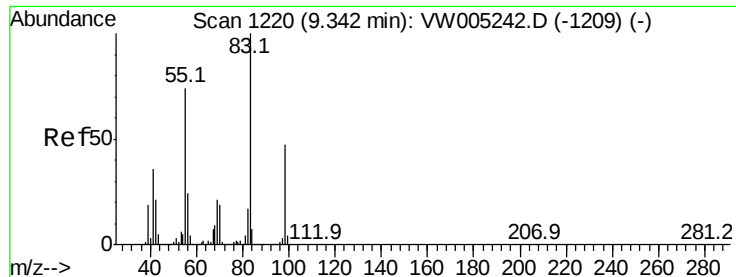
Tot Ion	43	Resp	96238
Ion Ratio	Lower	Upper	
43	100		
61	16.2	12.3	18.5
70	12.1	9.5	14.3



#38
Carbon Tetrachloride
Concen: 46.194 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	117	Resp	270694
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.5	116.3
121	31.6	24.7	37.1

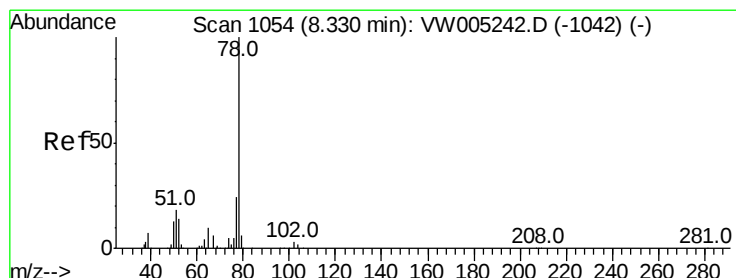
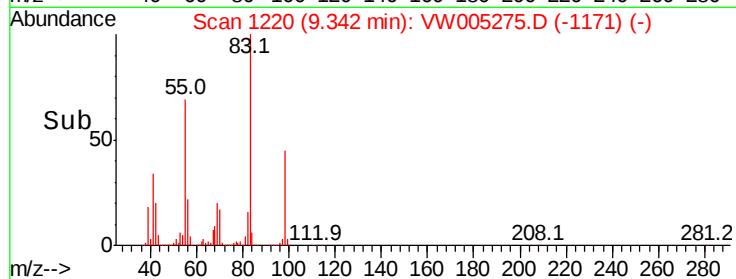
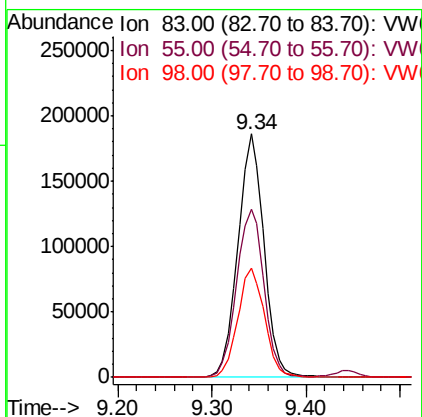
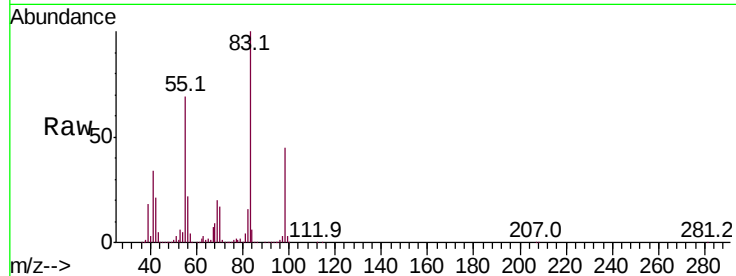




#39
Methvlcvclohexane
Concen: 43.333 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

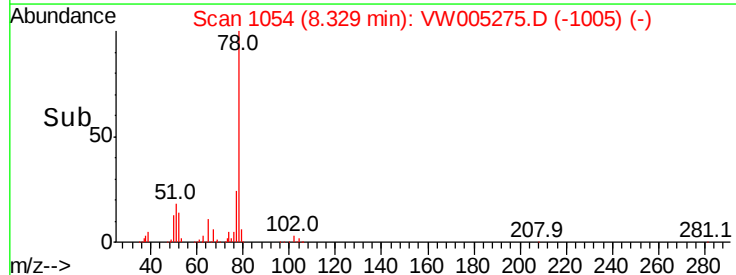
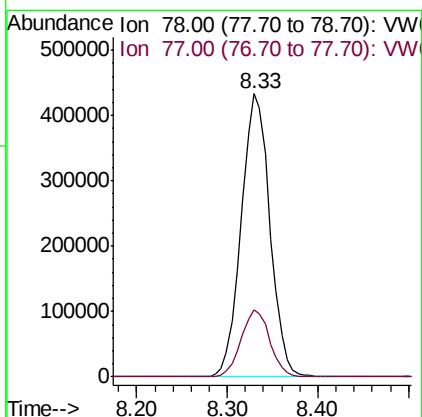
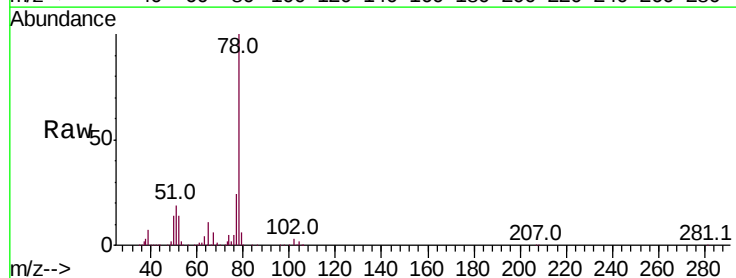
Instrument :
MSVOA_W
ClientSampleId :

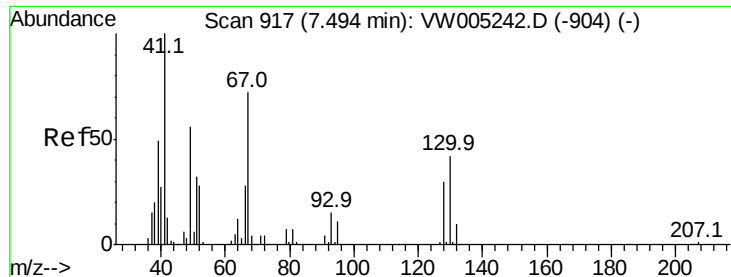
Tot Ion	83	Resp	359912
Ion	Ratio	Lower	Upper
83	100		
55	69.1	58.9	88.3
98	44.8	37.6	56.4



#40
Benzene
Concen: 51.456 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	78	Resp	948333
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3

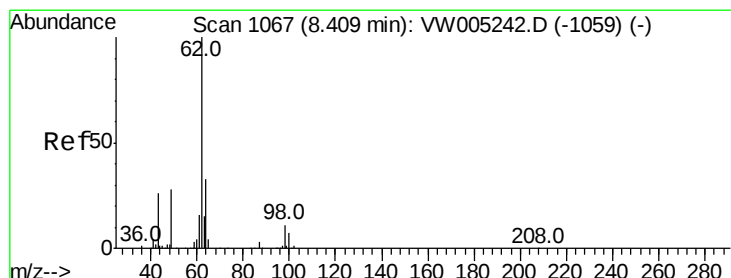
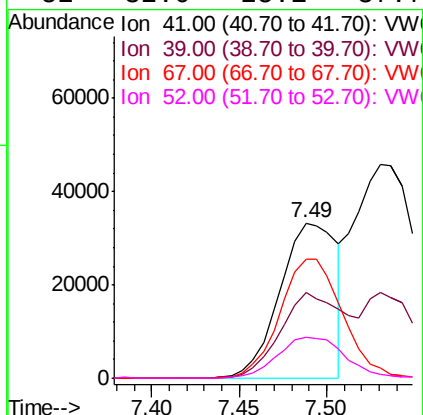
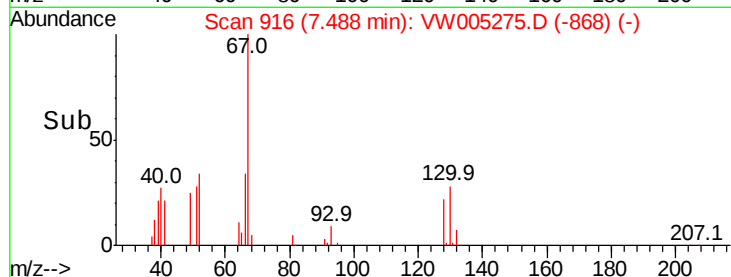
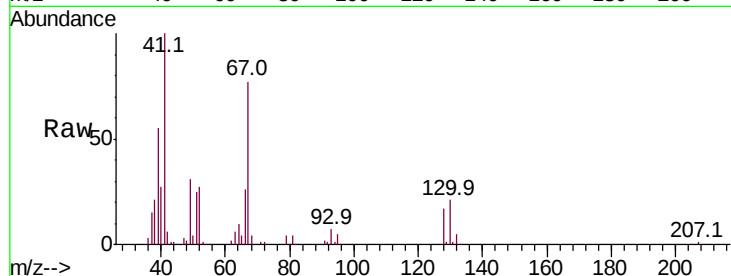




#41
Methacrylonitrile
Concen: 61.944 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

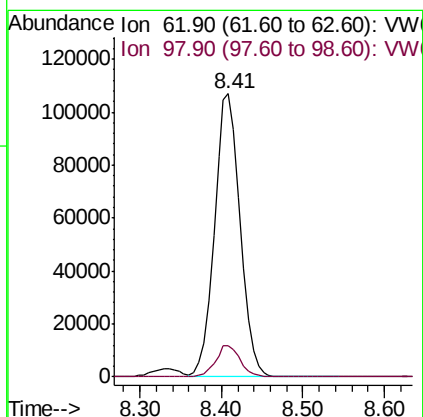
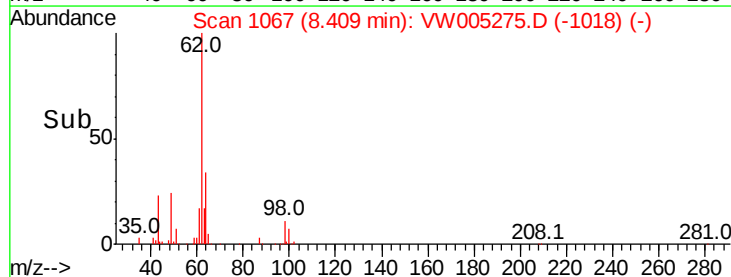
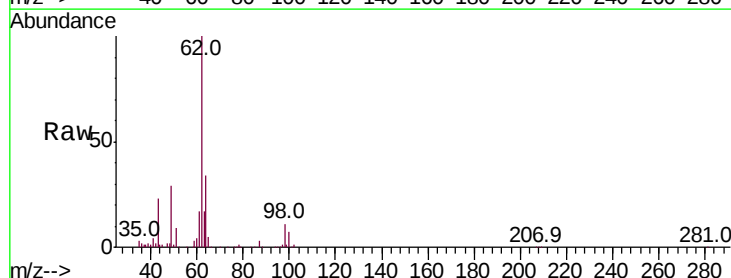
Instrument :
MSVOA_W
ClientSampled :

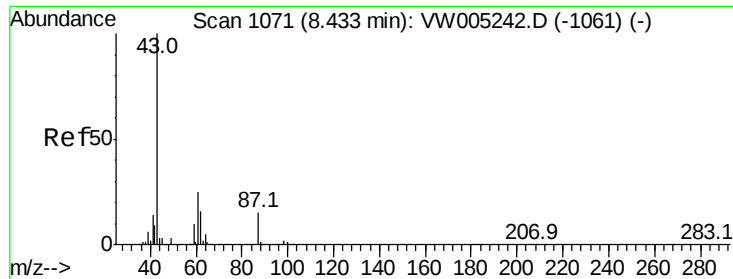
Tot Ion: 41 Resp: 75618
Ion Ratio Lower Upper
41 100
39 65.9 39.9 59.9#
67 85.0 65.7 98.5
52 32.0 25.1 37.7



#42
1,2-Dichloroethane
Concen: 53.019 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 62 Resp: 233763
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 55.396 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

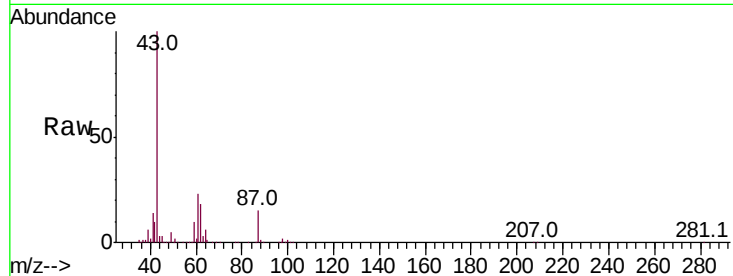
Tot Ion: 43 Resp: 244770

Ion Ratio Lower Upper

43 100

61 33.4 25.4 38.0

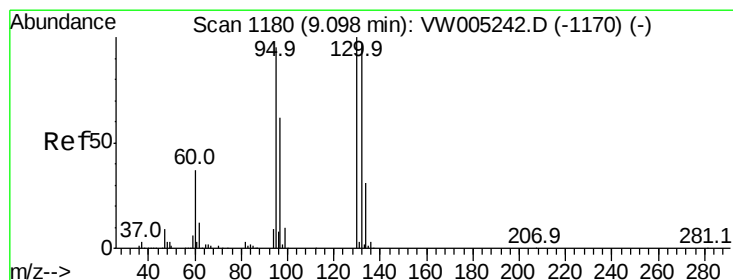
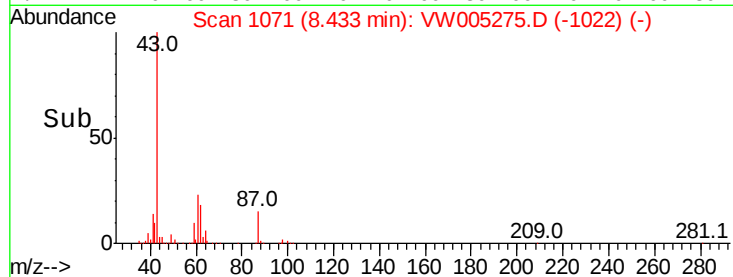
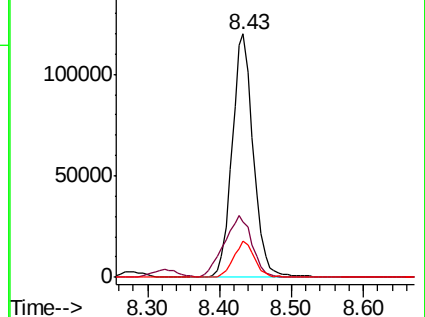
87 14.8 11.9 17.9



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: 84.907 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005275.D

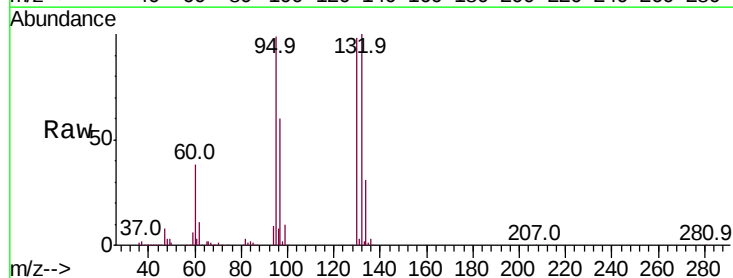
Acq: 11 Sep 2018 15:02

Tgt Ion: 130 Resp: 429291

Ion Ratio Lower Upper

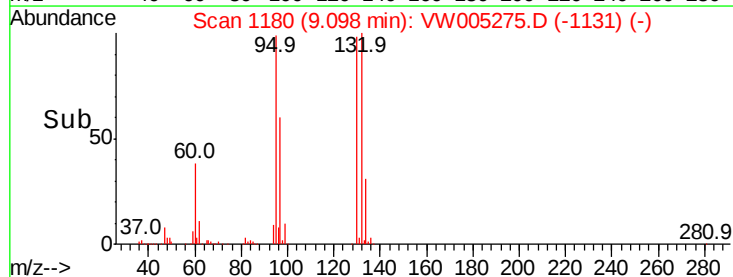
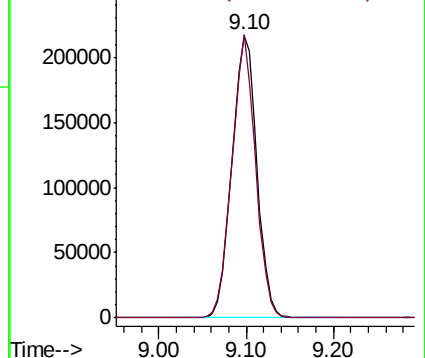
130 100

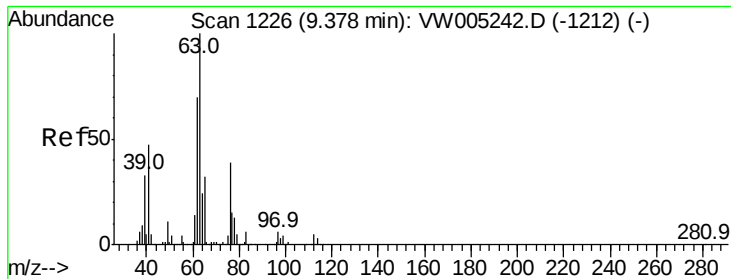
95 100.3 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 50.840 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

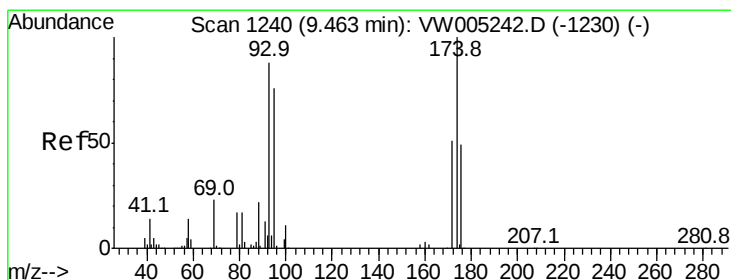
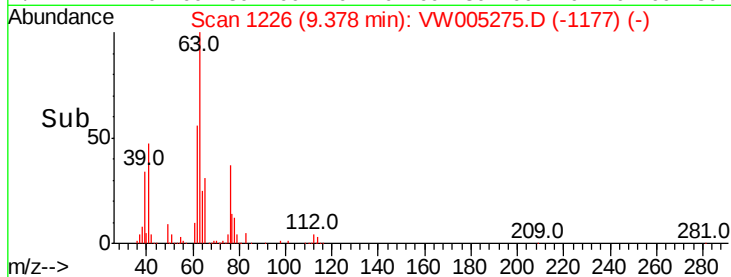
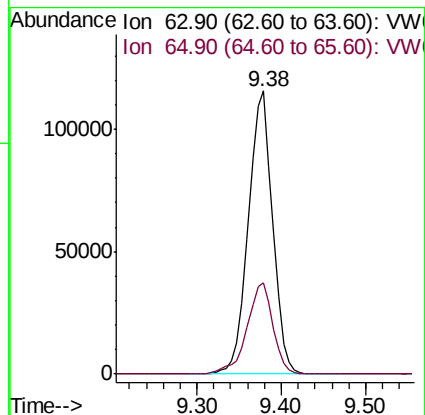
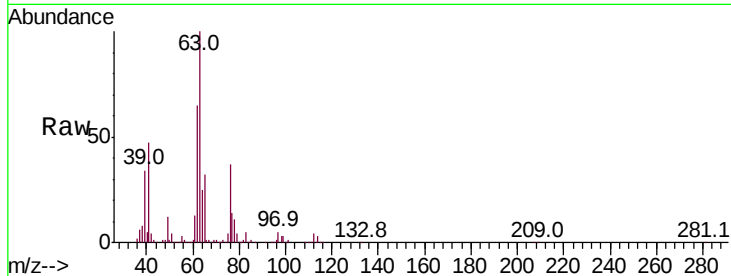
ClientSampled :

Tot Ion: 63 Resp: 225217

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.2



#46

Dibromomethane

Concen: 52.084 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

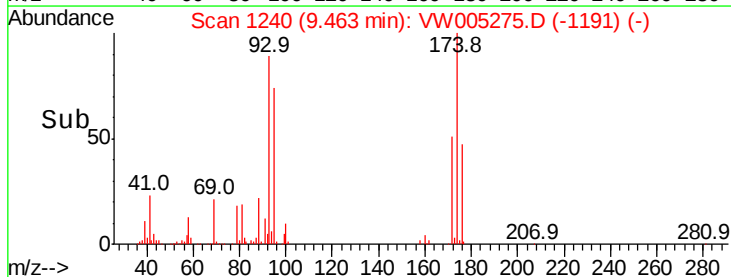
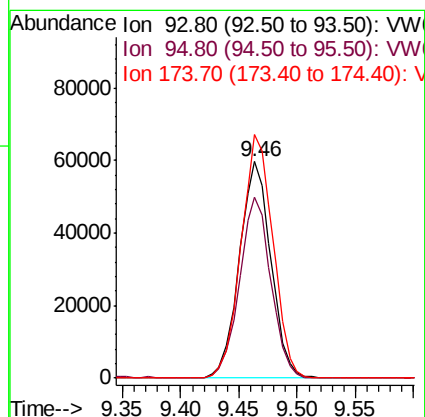
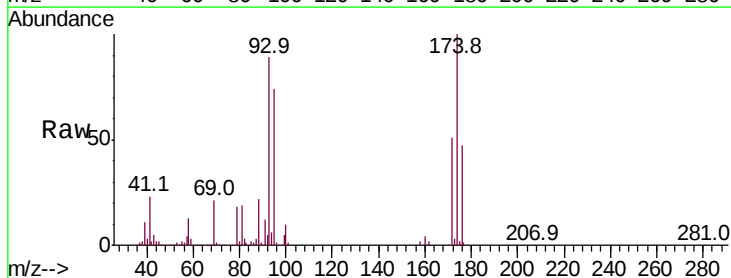
Tgt Ion: 93 Resp: 112936

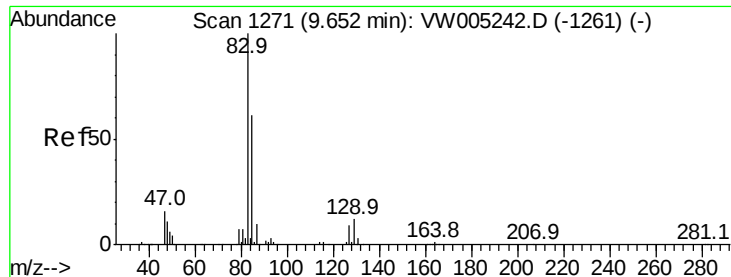
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.4

174 113.8 92.2 138.2





#47

Bromodichloromethane

Concen: 51.208 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :

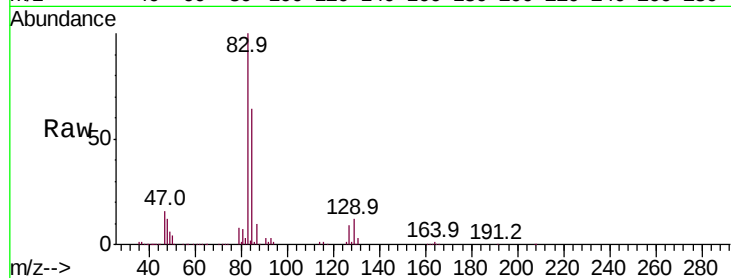
Tot Ion: 83 Resp: 271624

Ion Ratio Lower Upper

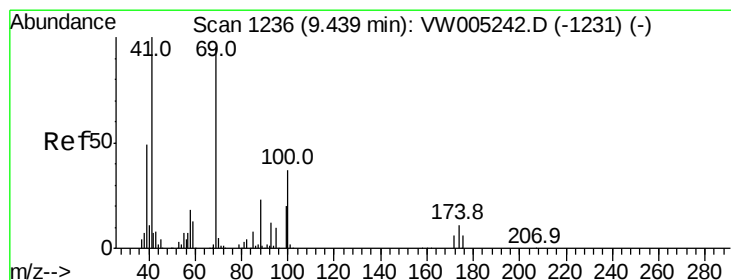
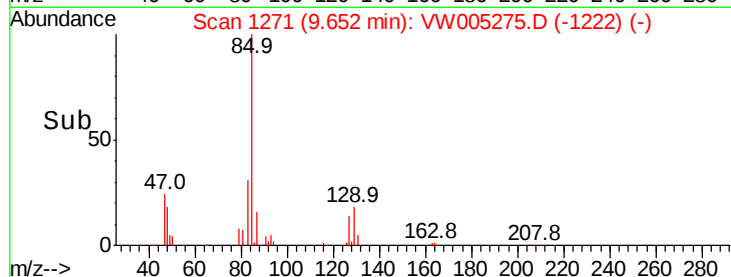
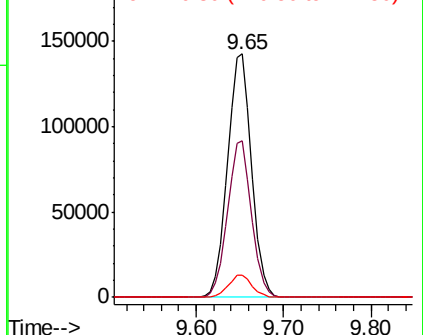
83 100

85 64.4 49.0 73.6

127 9.1 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): V



#48

Methyl methacrylate

Concen: 46.685 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

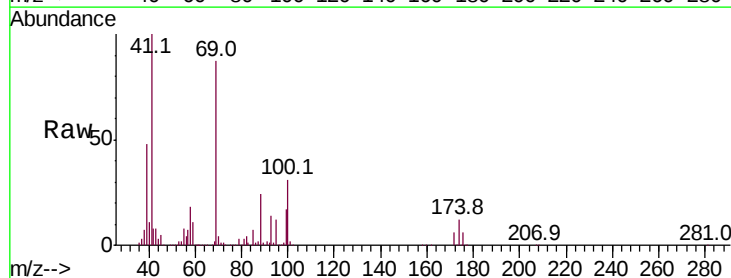
Tgt Ion: 41 Resp: 107109

Ion Ratio Lower Upper

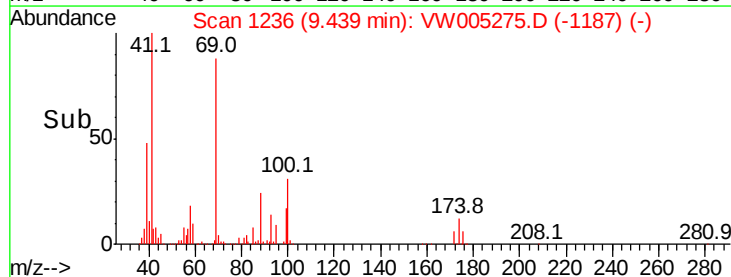
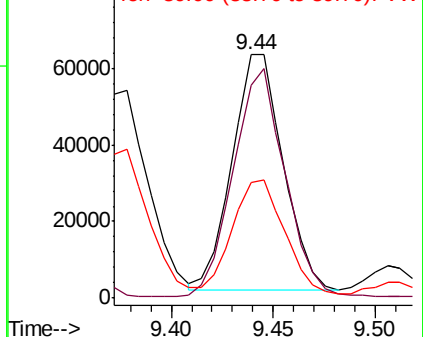
41 100

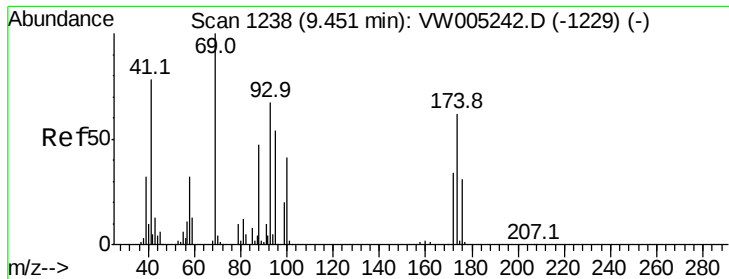
69 99.1 74.6 112.0

39 53.6 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

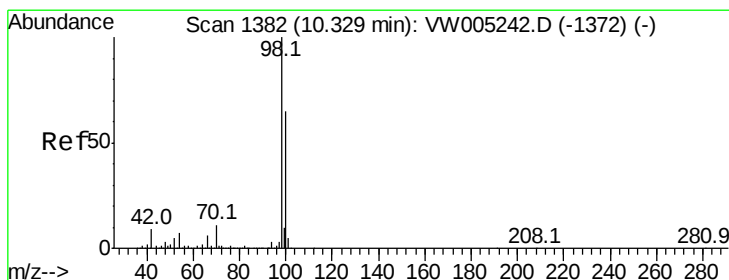
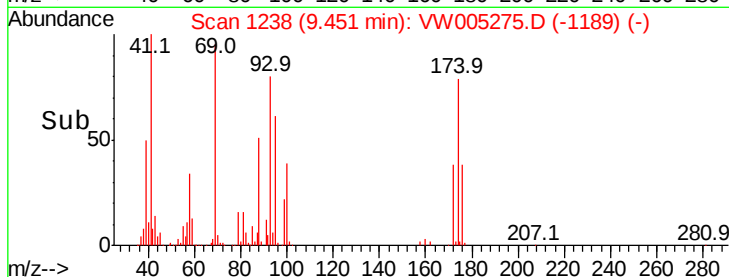
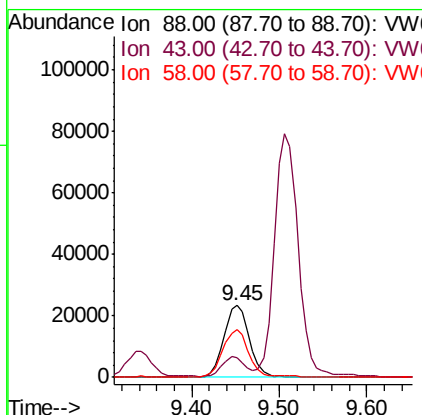
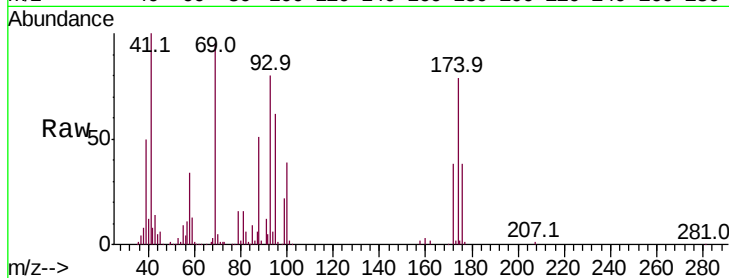




#49
 1,4-Dioxane
 Concen: 1166.183 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

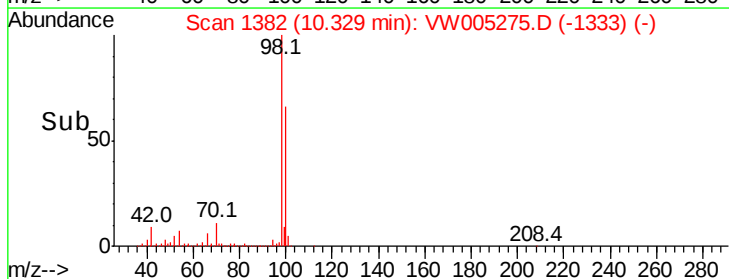
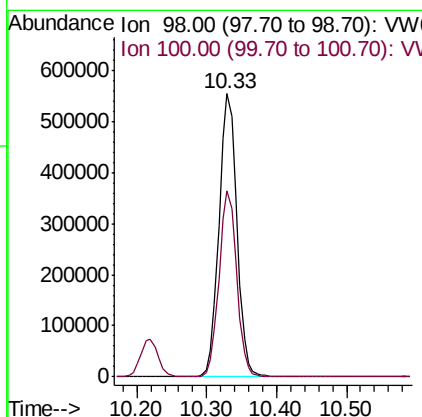
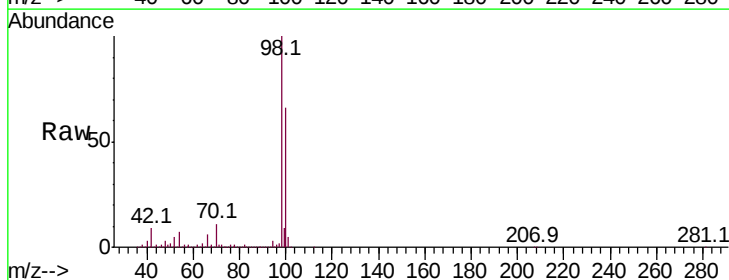
Instrument :
 MSVOA_W
 ClientSampled :

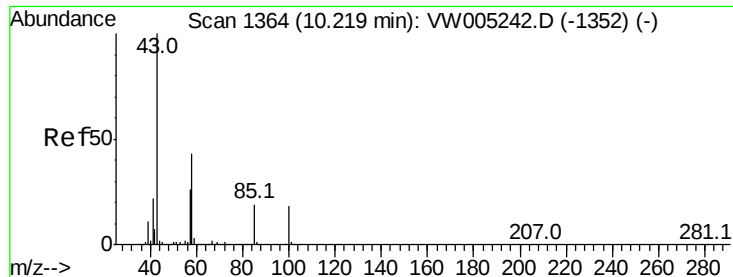
Tot Ion: 88 Resp: 47212
 Ion Ratio Lower Upper
 88 100
 43 25.8 22.7 34.1
 58 65.9 56.6 85.0



#50
 Toluene-d8
 Concen: 54.591 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 98 Resp: 986678
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 305.431 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

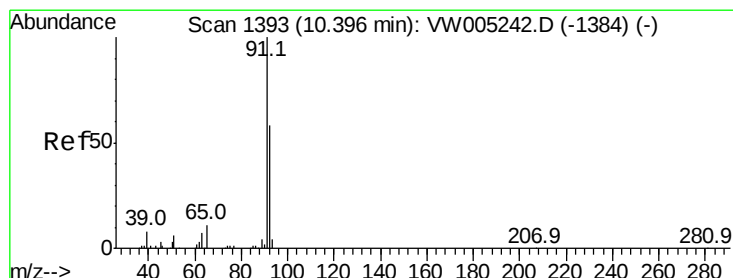
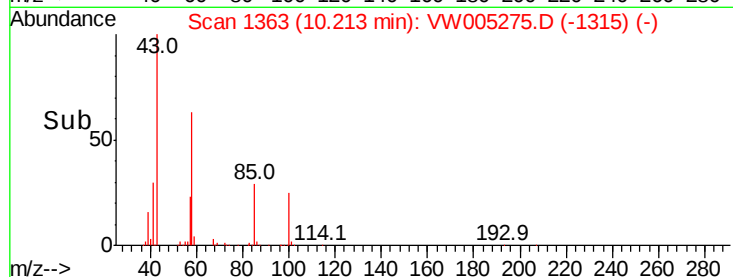
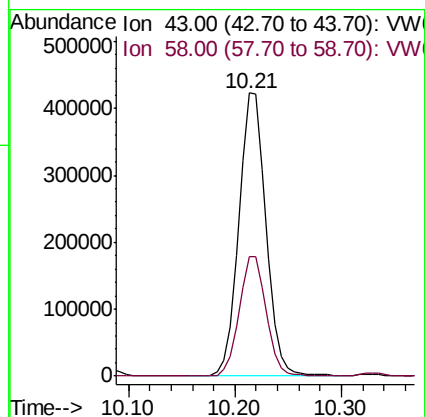
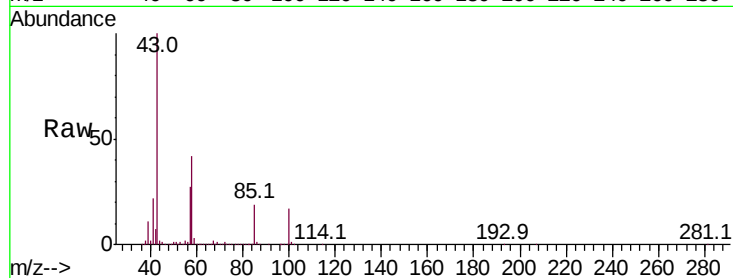
ClientSampled :

Tot Ion: 43 Resp: 759469

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.6



#52

Toluene

Concen: 50.123 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005275.D

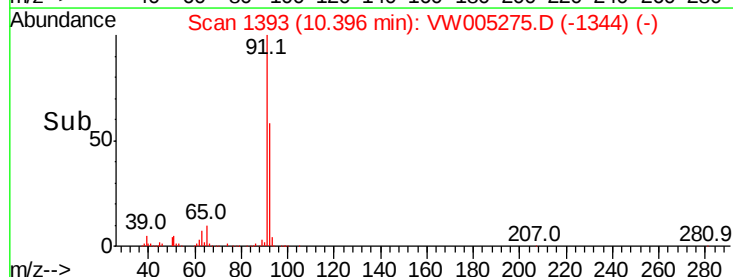
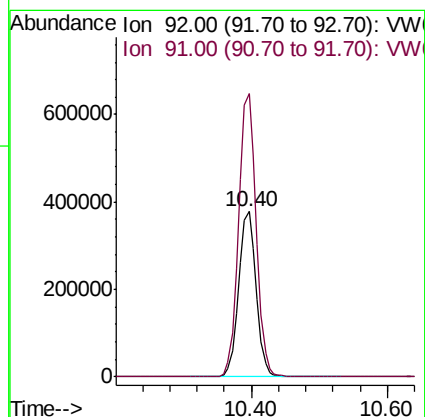
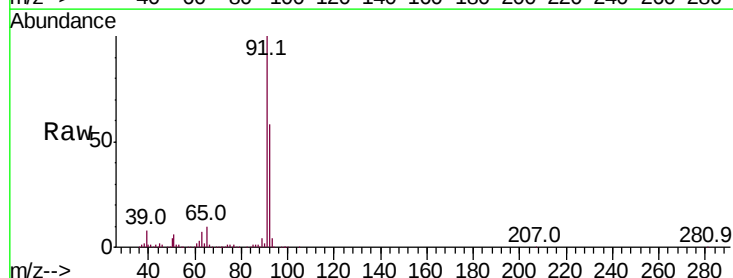
Acq: 11 Sep 2018 15:02

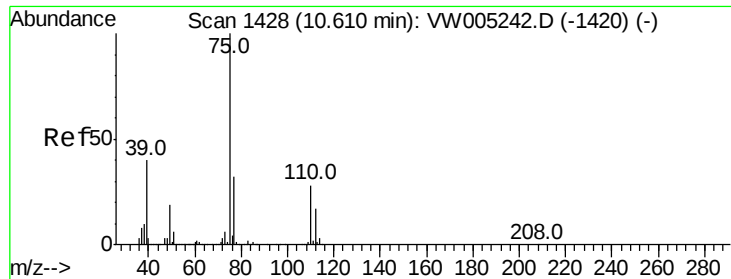
Tgt Ion: 92 Resp: 671382

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 54.131 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

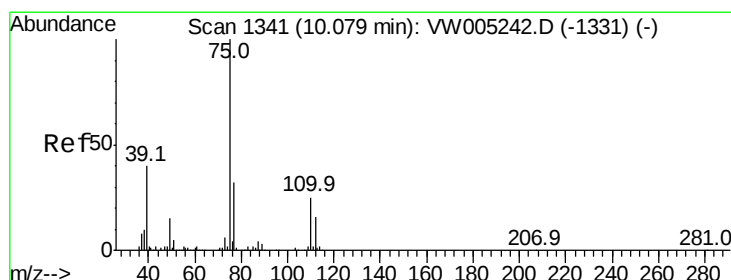
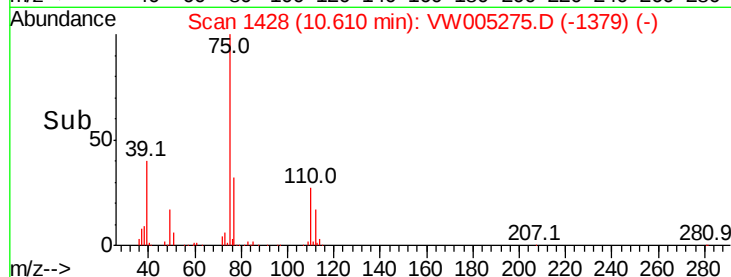
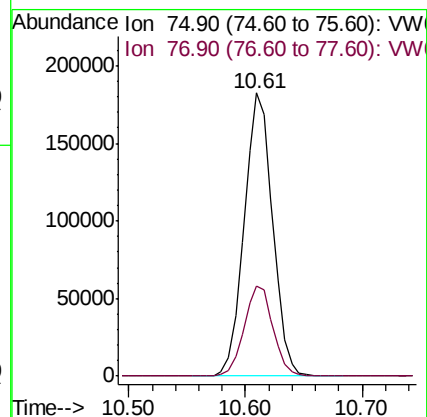
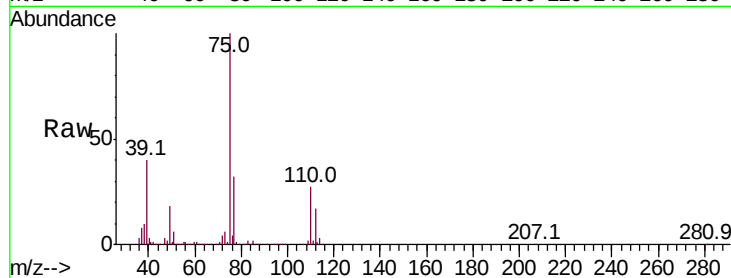
ClientSampleId :

Tot Ion: 75 Resp: 310307

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 52.236 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

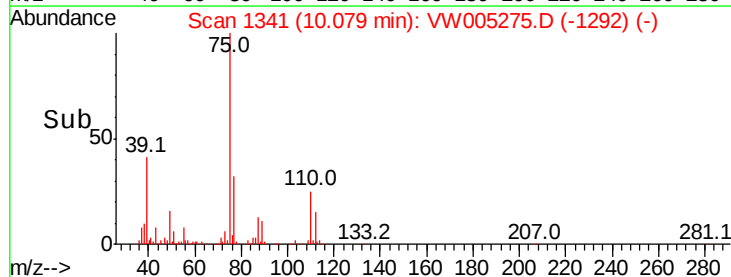
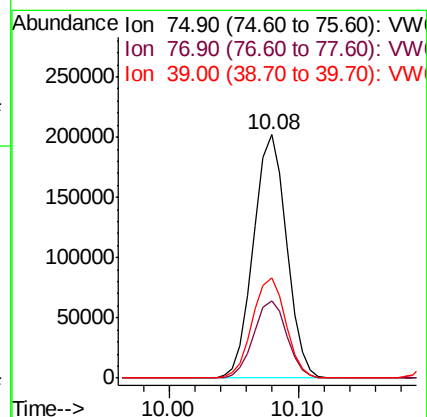
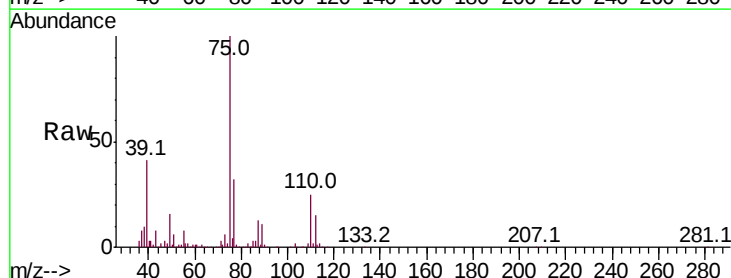
Tgt Ion: 75 Resp: 358593

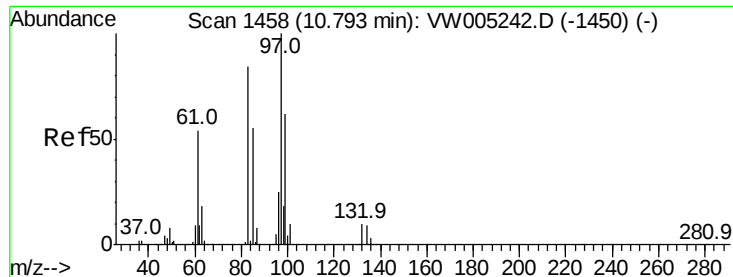
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 40.9 31.8 47.6

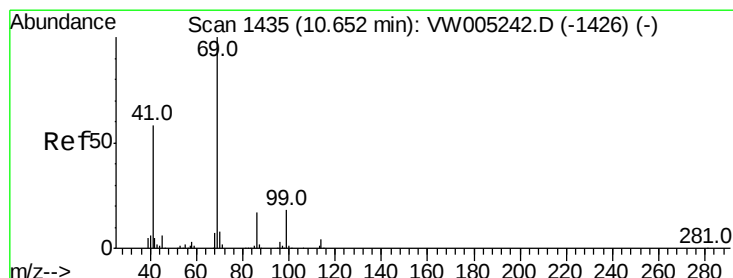
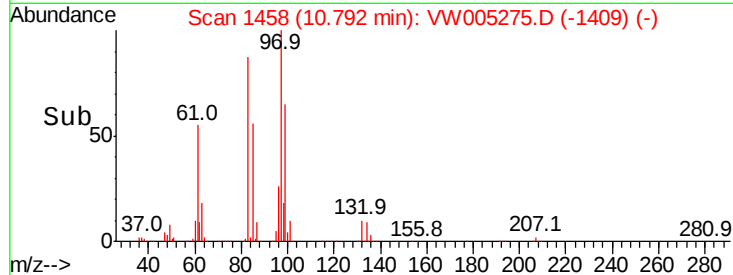
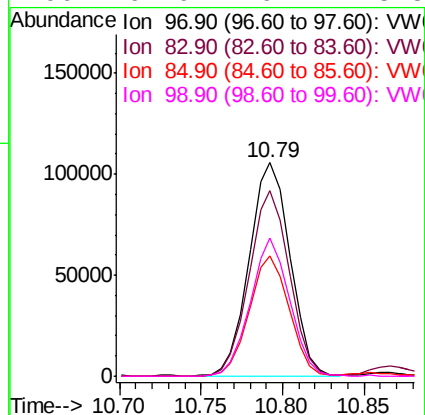
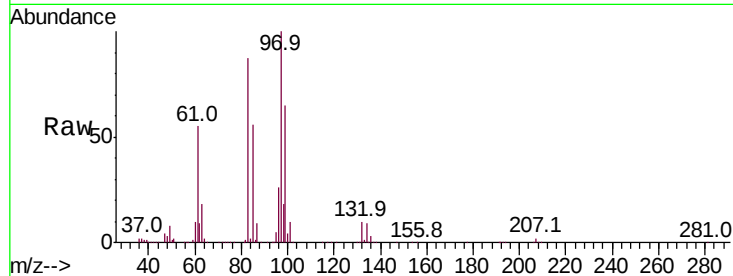




#55
 1,1,2-Trichloroethane
 Concen: 53.520 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

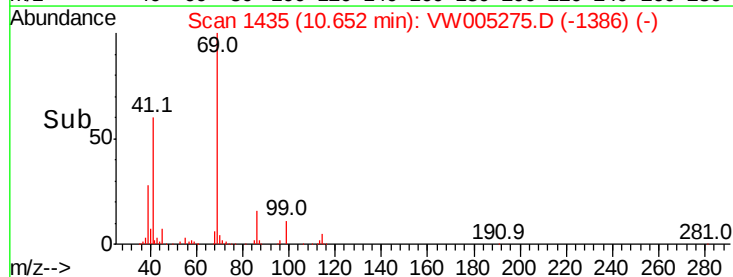
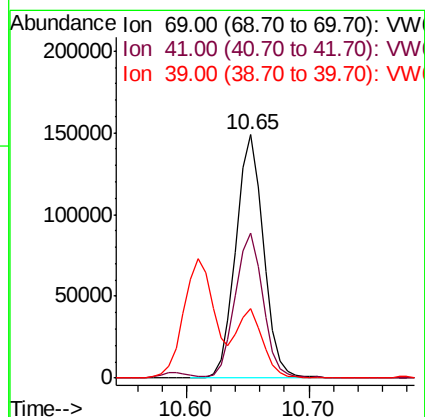
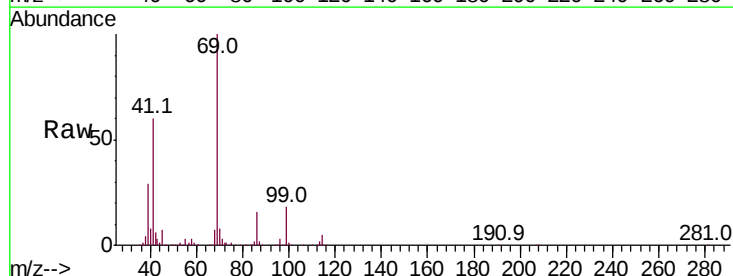
Instrument :
 MSVOA_W
 ClientSampleId :

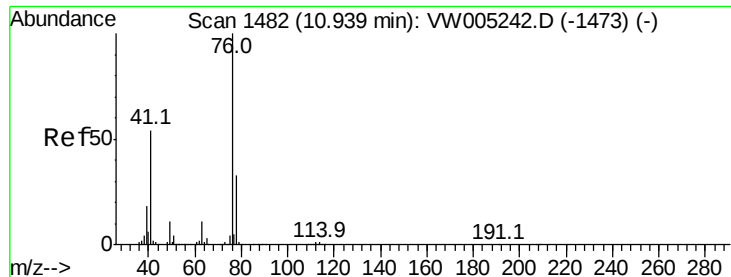
Tot Ion:	97	Resp:	185039
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.2	100.8
85	56.2	44.4	66.6
99	64.9	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 52.978 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion:	69	Resp:	232208
Ion	Ratio	Lower	Upper
69	100		
41	60.0	48.7	73.1
39	26.3	20.9	31.3





#57

1,3-Dichloropropane

Concen: 54.512 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

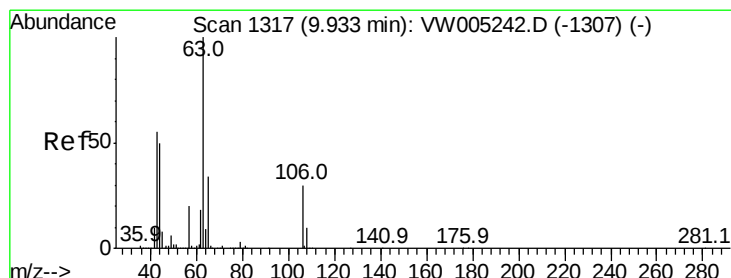
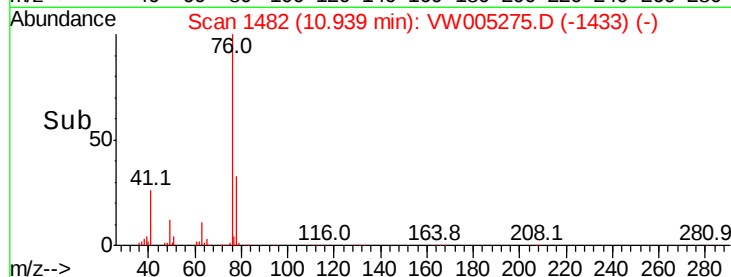
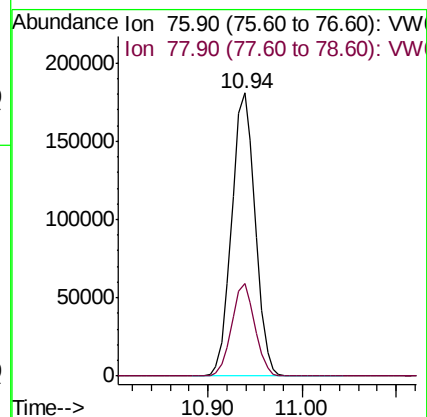
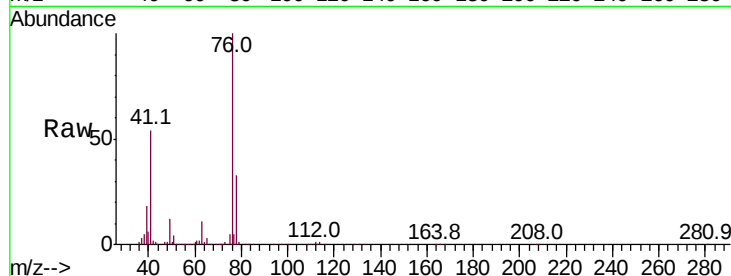
ClientSampled :

Tot Ion: 76 Resp: 312956

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 296.129 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005275.D

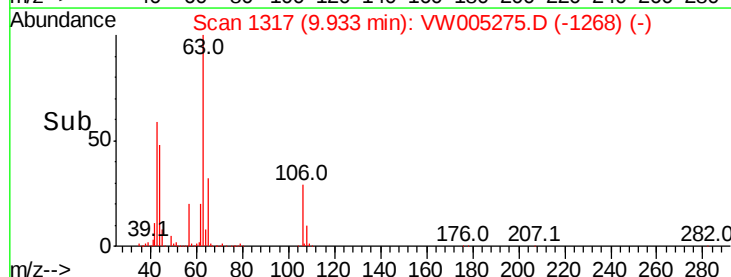
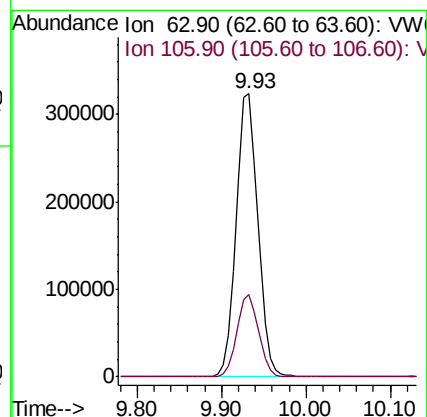
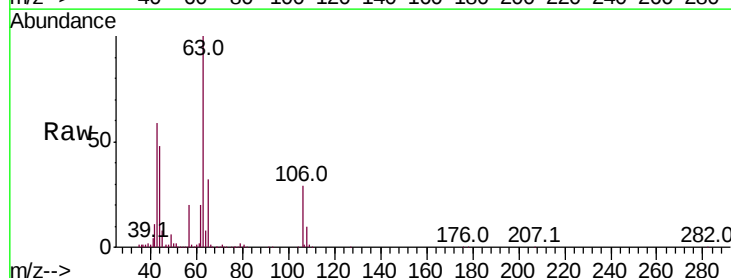
Acq: 11 Sep 2018 15:02

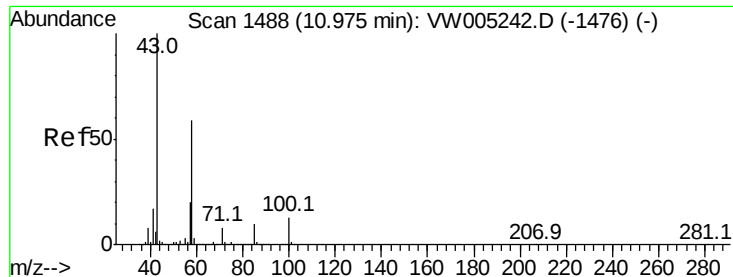
Tgt Ion: 63 Resp: 564149

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.0

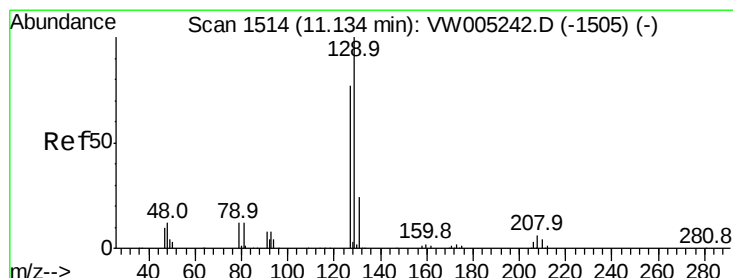
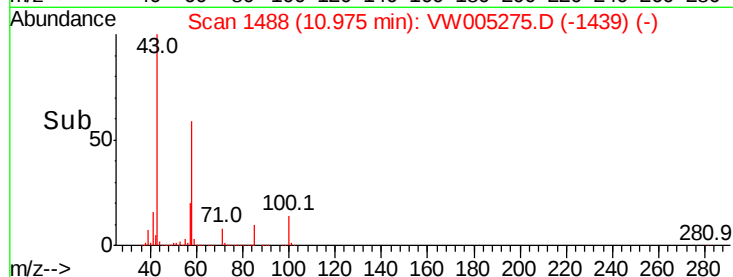
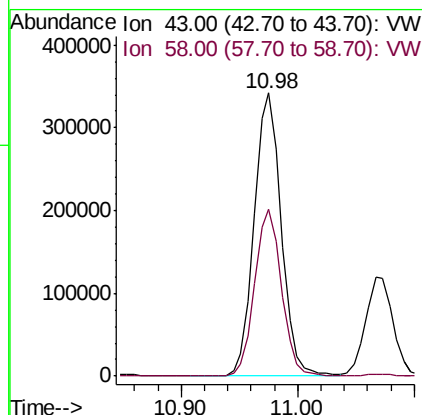
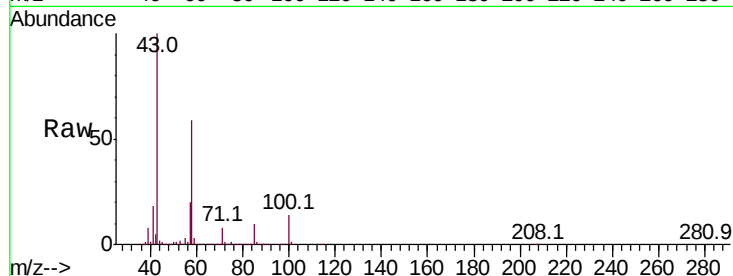




#59
2-Hexanone
Concen: 310.948 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

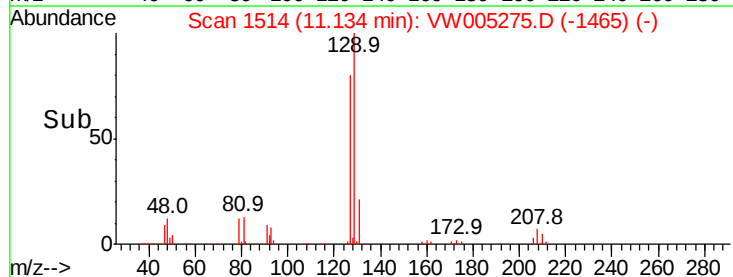
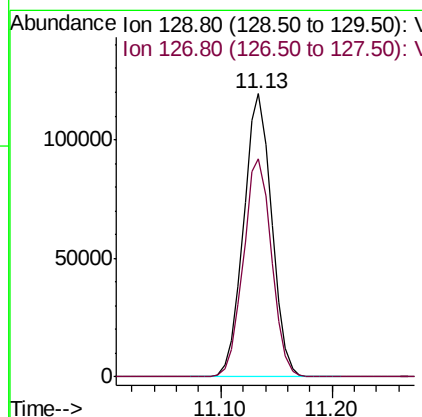
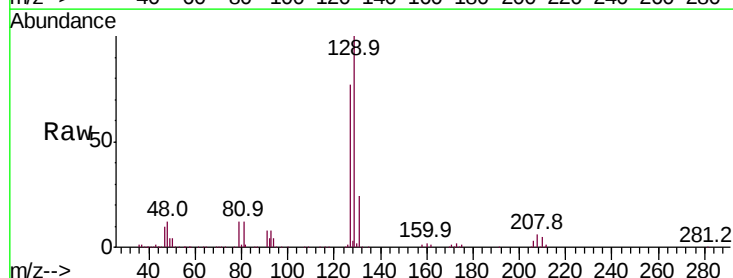
Instrument :
MSVOA_W
ClientSampleId :

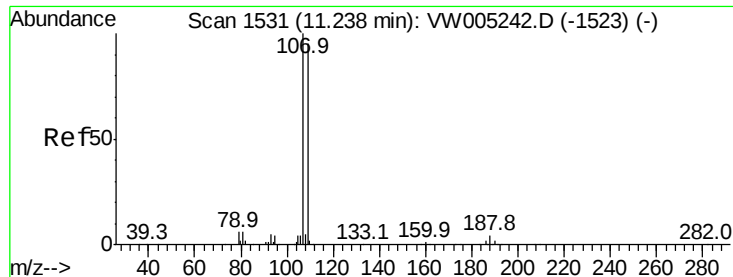
Tot Ion: 43 Resp: 557407
Ion Ratio Lower Upper
43 100
58 58.3 29.3 87.9



#60
Dibromochloromethane
Concen: 54.440 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 129 Resp: 208850
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

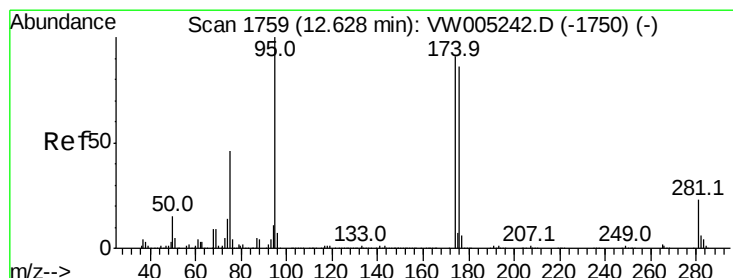
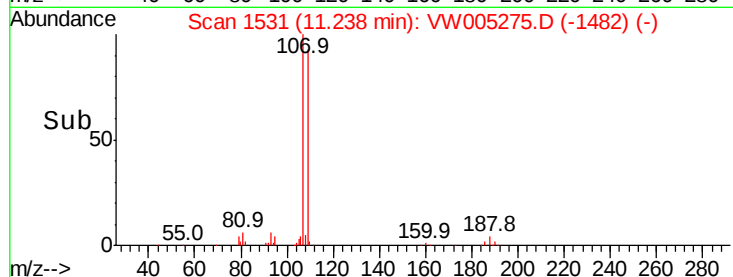
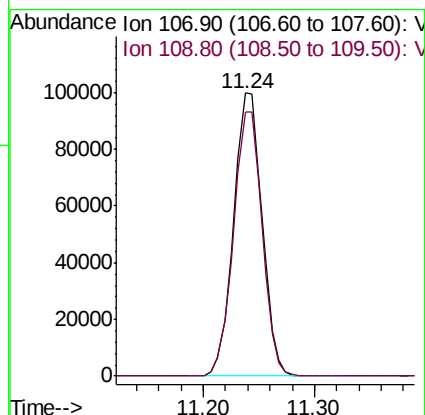
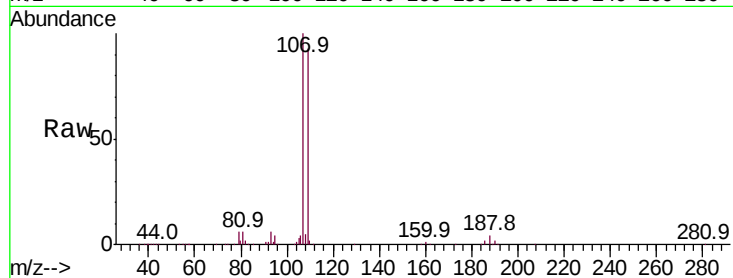




#61
 1,2-Dibromoethane
 Concen: 55.757 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

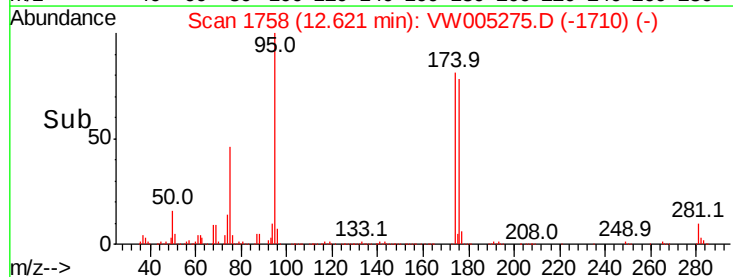
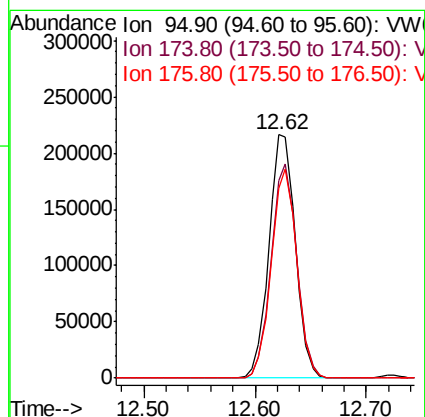
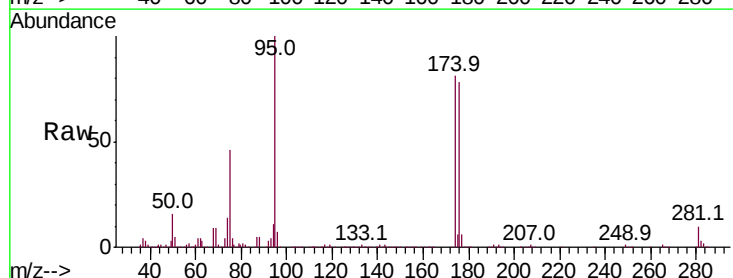
Instrument :
 MSVOA_W
 ClientSampleId :

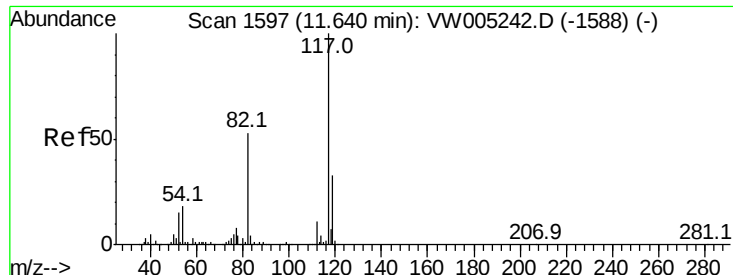
Tot Ion:107 Resp: 176777
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 54.115 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion: 95 Resp: 357752
 Ion Ratio Lower Upper
 95 100
 174 85.8 0.0 174.6
 176 83.3 0.0 167.6

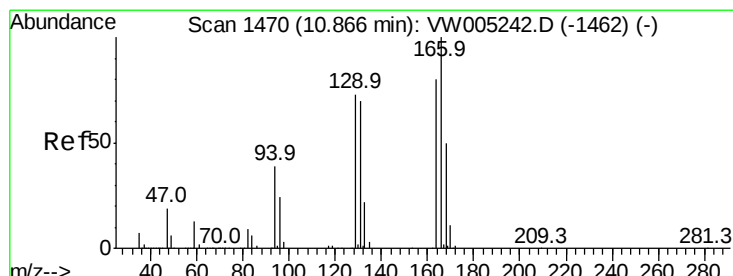
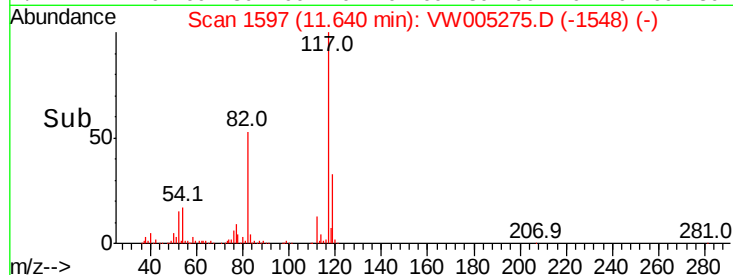
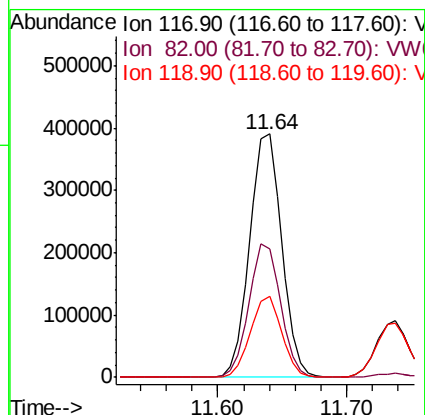
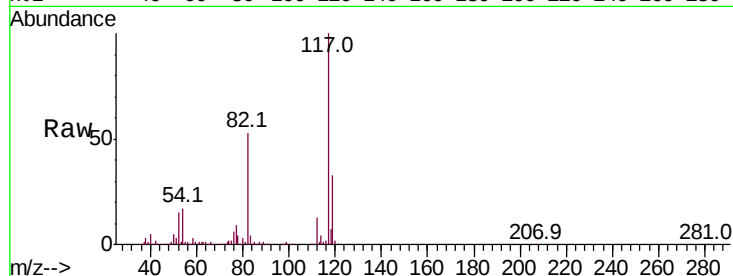




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

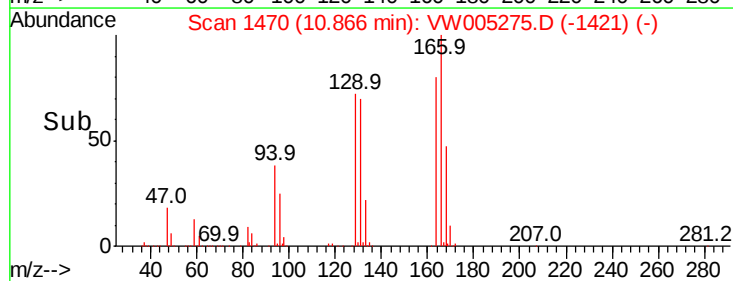
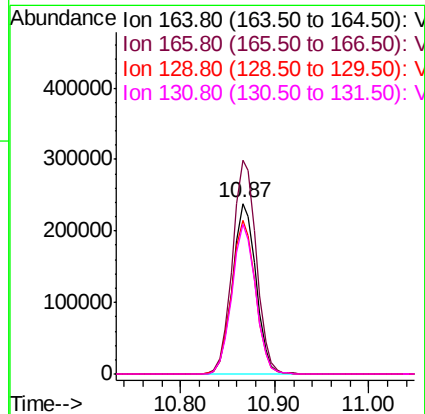
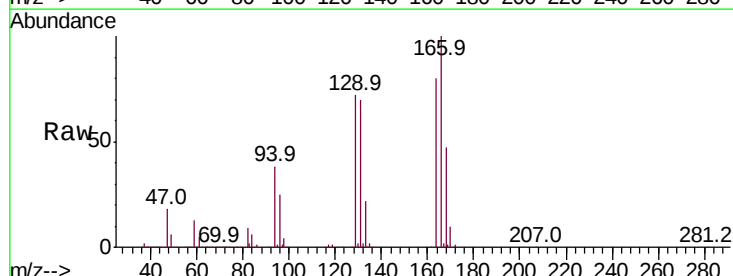
Instrument :
MSVOA_W
ClientSampled :

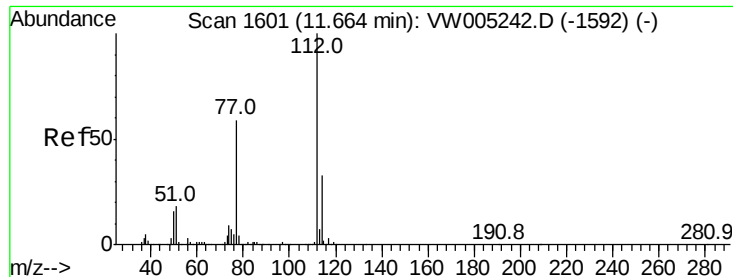
Tot Ion:117 Resp: 670952
Ion Ratio Lower Upper
117 100
82 52.5 42.6 63.8
119 33.2 26.2 39.4



#64
Tetrachloroethene
Concen: 82.960 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion:164 Resp: 412966
Ion Ratio Lower Upper
164 100
166 125.3 100.2 150.2
129 90.1 73.2 109.8
131 87.9 70.2 105.4

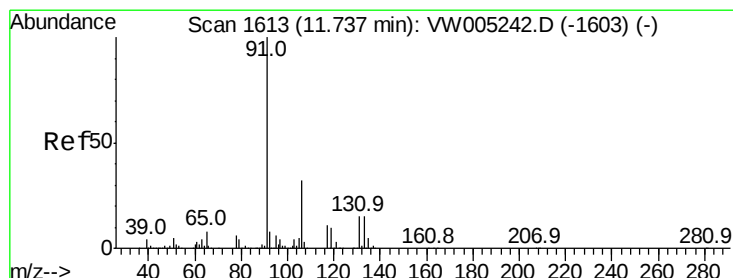
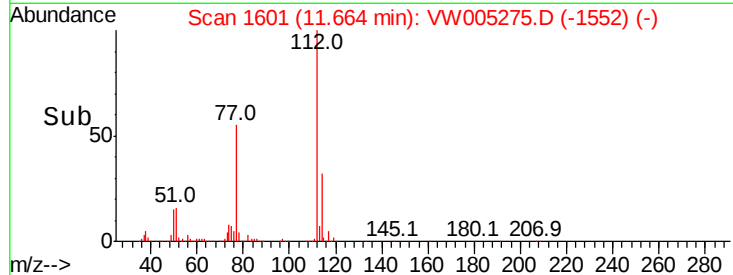
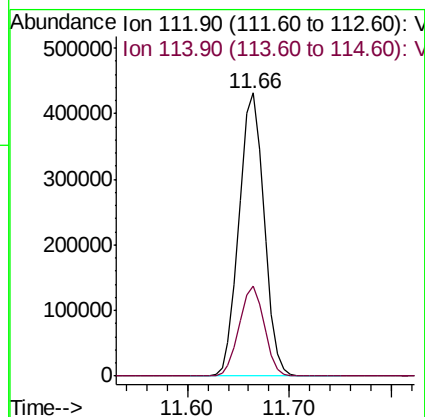
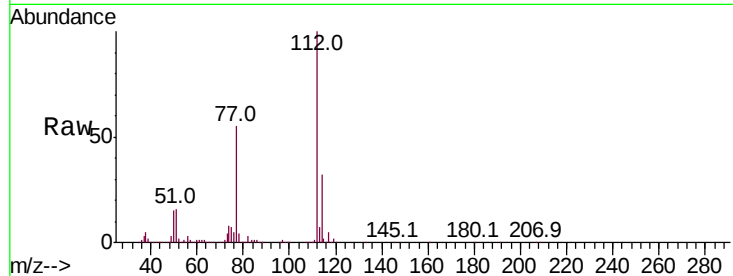




#65
Chlorobenzene
Concen: 49.891 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

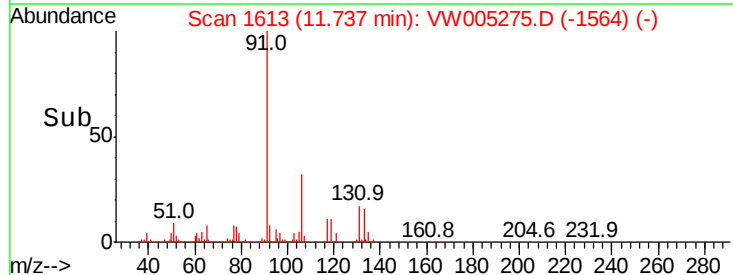
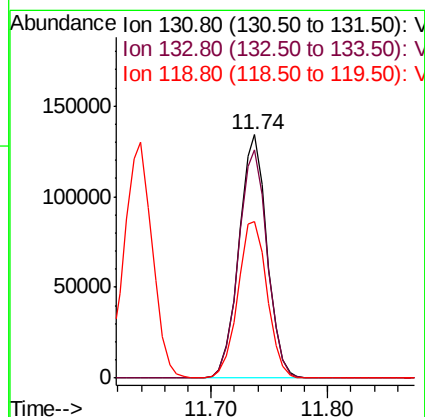
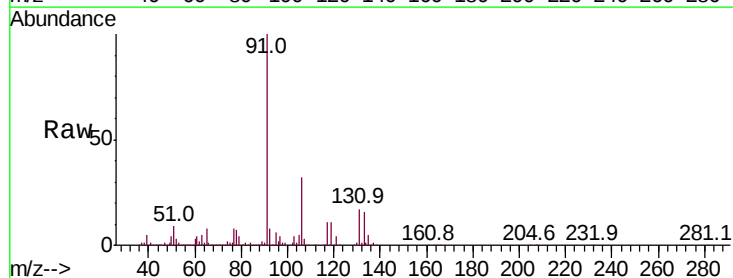
Instrument :
MSVOA_W
ClientSampleId :

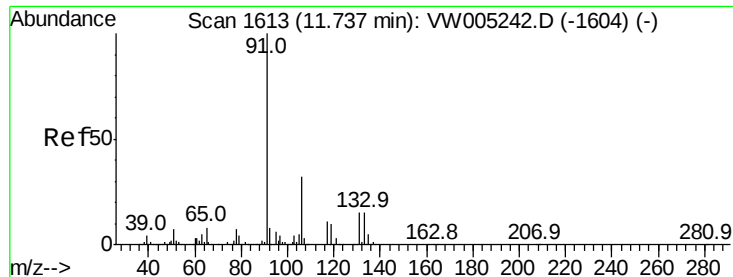
Tot Ion:112 Resp: 733296
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.309 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion:131 Resp: 225171
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 67.3 33.4 100.1





#67

Ethyl Benzene

Concen: 49.325 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

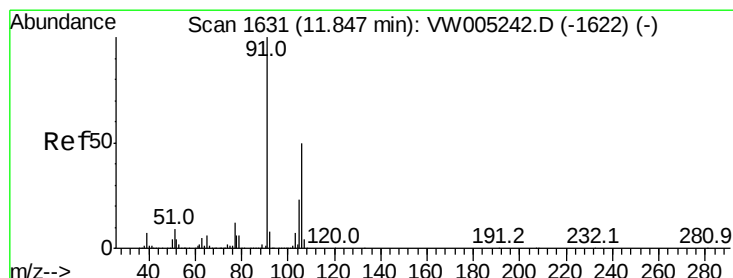
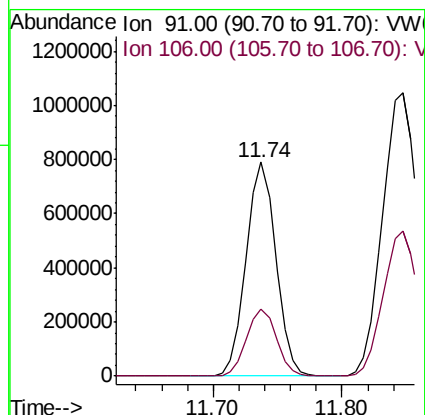
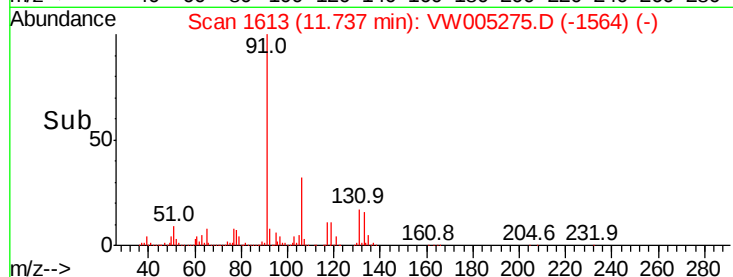
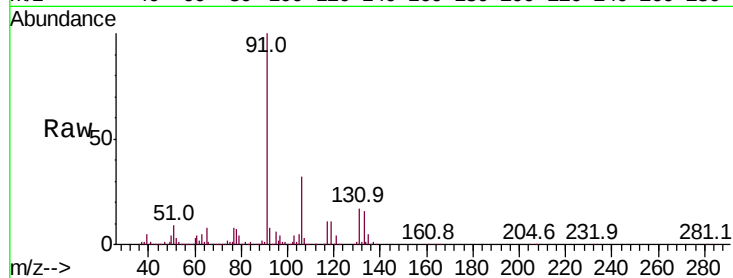
ClientSampled :

Tot Ion: 91 Resp: 1262556

Ion Ratio Lower Upper

91 100

106 31.6 25.6 38.4



#68

m/p-Xylenes

Concen: 98.507 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005275.D

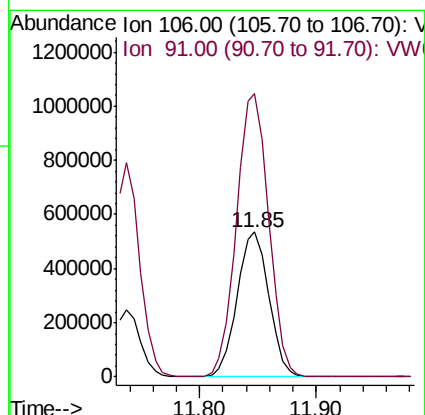
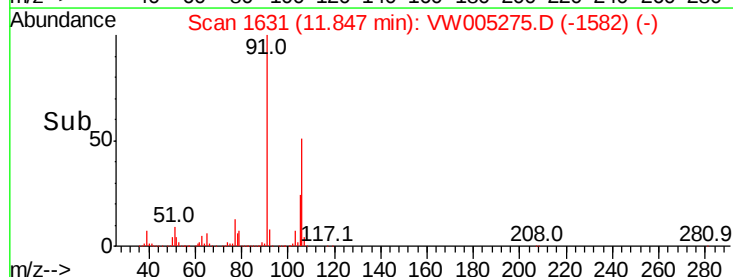
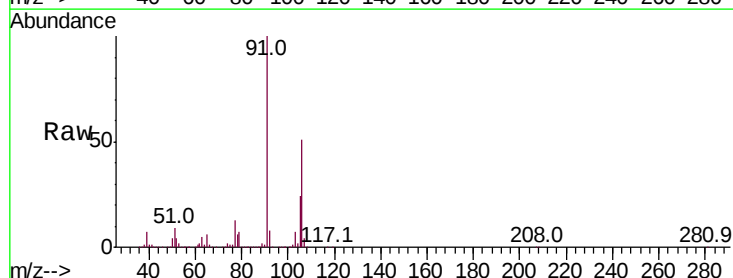
Acq: 11 Sep 2018 15:02

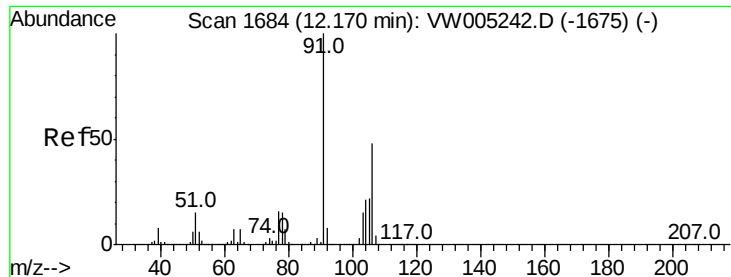
Tgt Ion:106 Resp: 1016078

Ion Ratio Lower Upper

106 100

91 198.0 160.2 240.2

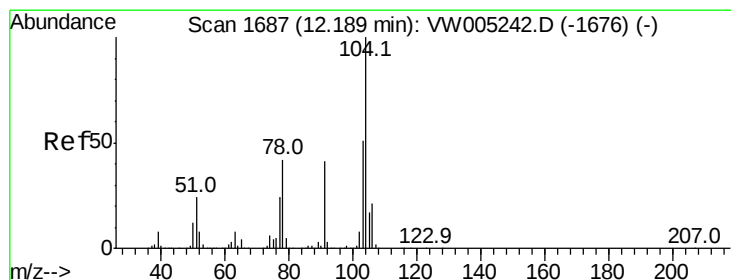
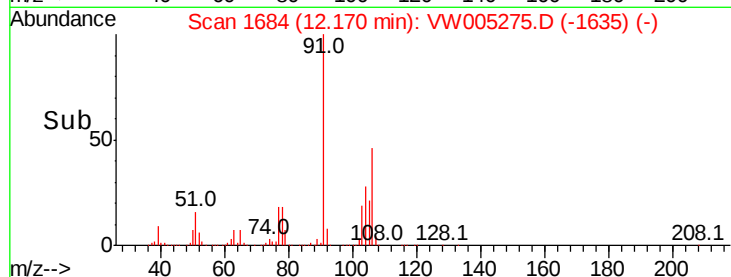
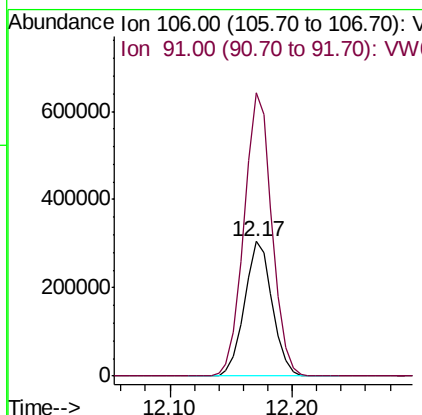
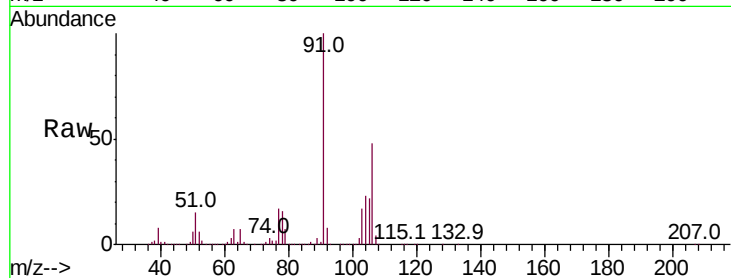




#69
o-Xylene
Concen: 50.238 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

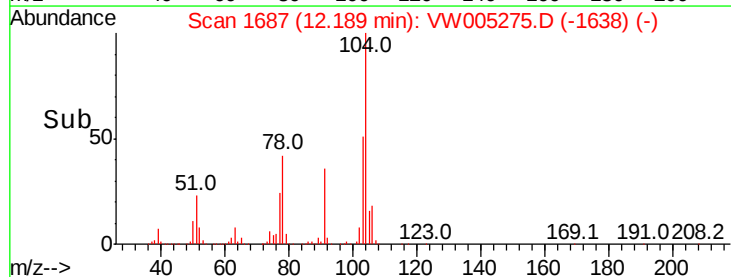
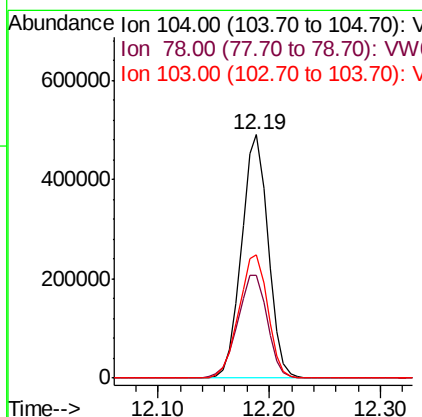
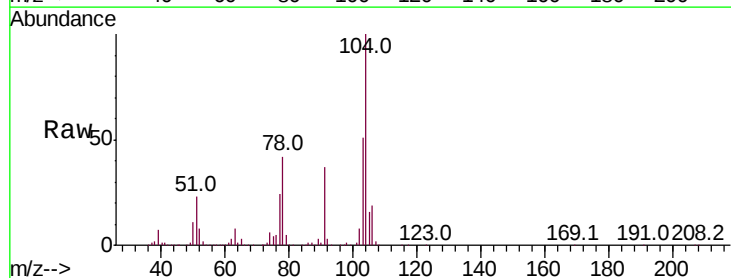
Instrument :
MSVOA_W
ClientSampleId :

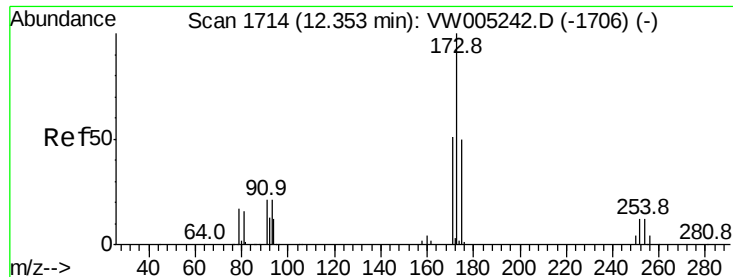
Tot Ion:106 Resp: 482114
Ion Ratio Lower Upper
106 100
91 210.4 104.1 312.3



#70
Styrene
Concen: 51.871 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion:104 Resp: 812242
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.2
103 55.3 44.1 66.1





#71

Bromoform

Concen: 56.469 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampled :

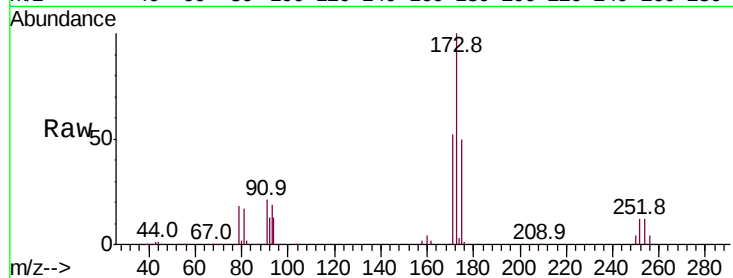
Tot Ion:173 Resp: 134366

Ion Ratio Lower Upper

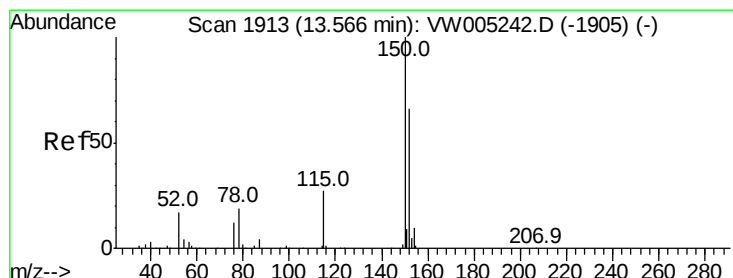
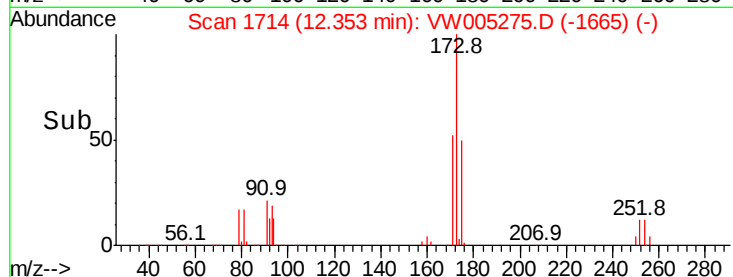
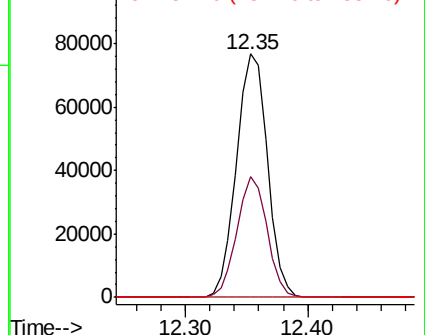
173 100

175 48.3 24.9 74.6

254 0.2 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: VW005275.D

Acq: 11 Sep 2018 15:02

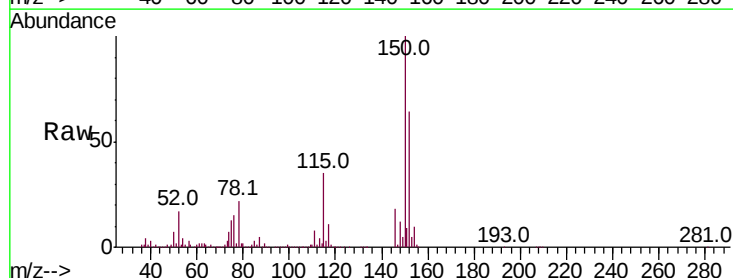
Tgt Ion:152 Resp: 356143

Ion Ratio Lower Upper

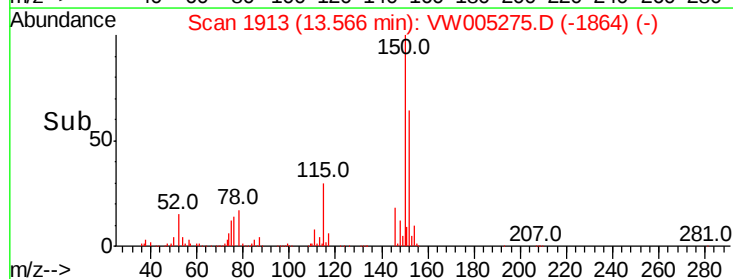
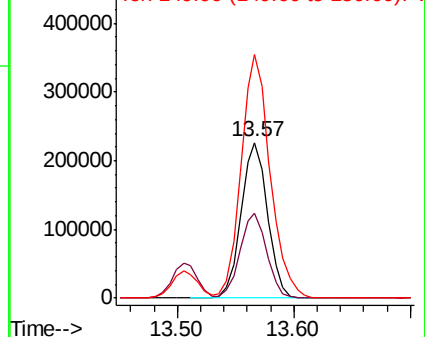
152 100

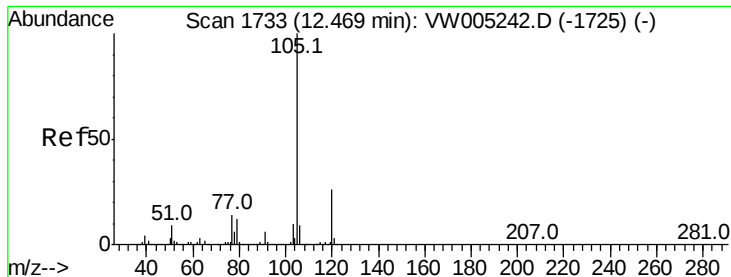
115 54.8 27.5 82.4

150 172.5 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: 49.438 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

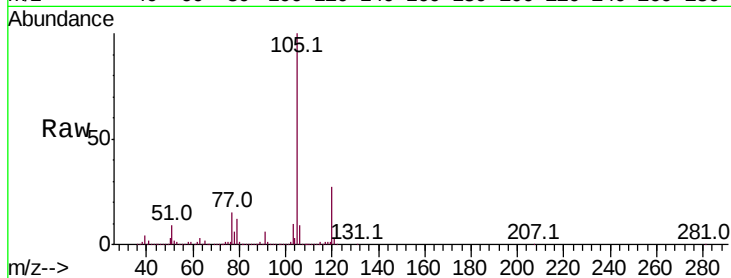
ClientSampleId :

Tot Ion:105 Resp: 1244027

Ion Ratio Lower Upper

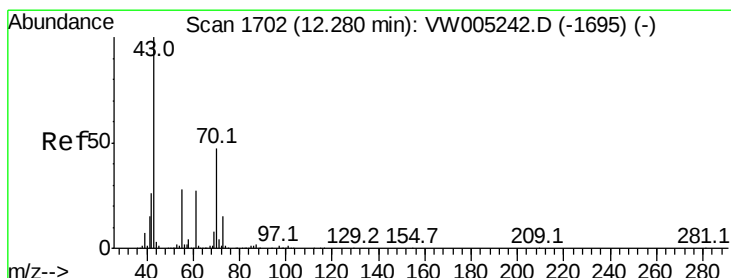
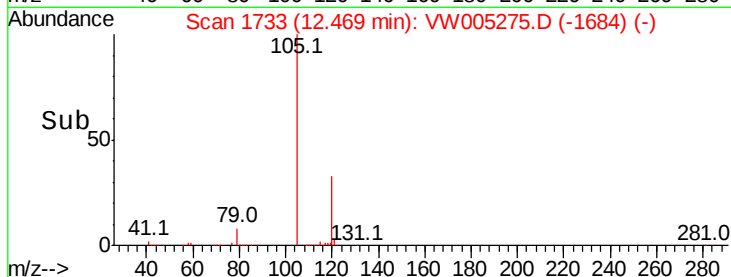
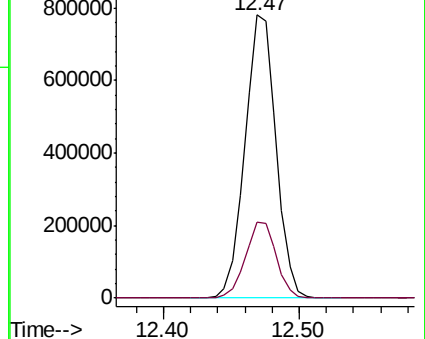
105 100

120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.896 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion: 43 Resp: 219732

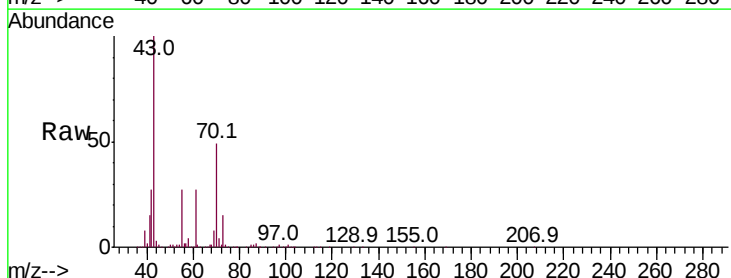
Ion Ratio Lower Upper

43 100

70 47.2 37.9 56.9

55 28.1 22.6 33.8

61 26.5 20.9 31.3

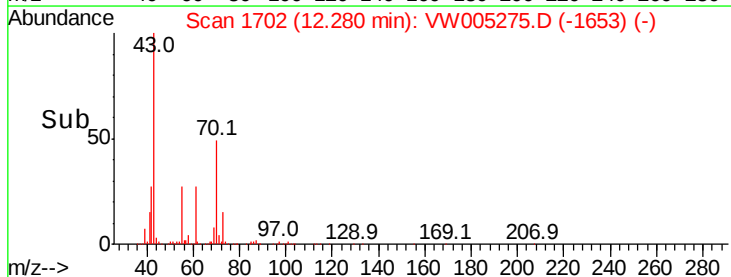
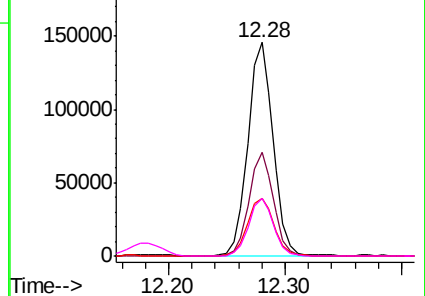


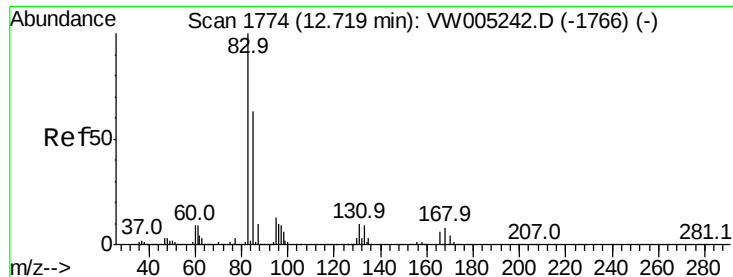
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 6.467 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005275.D

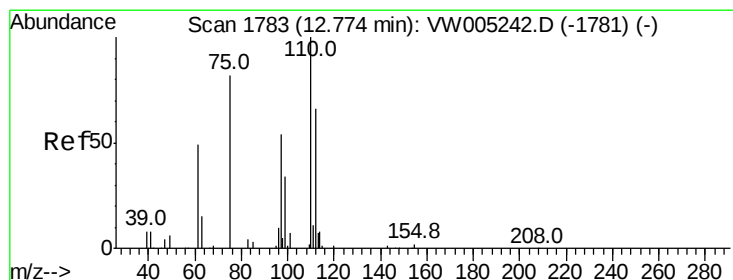
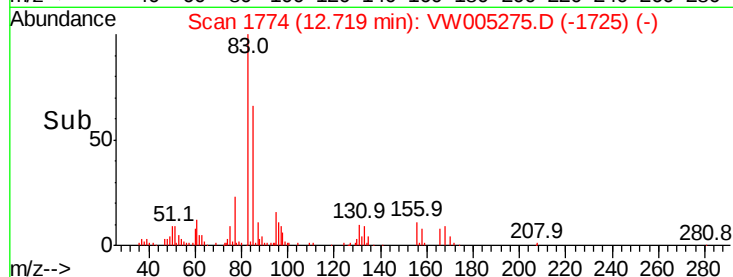
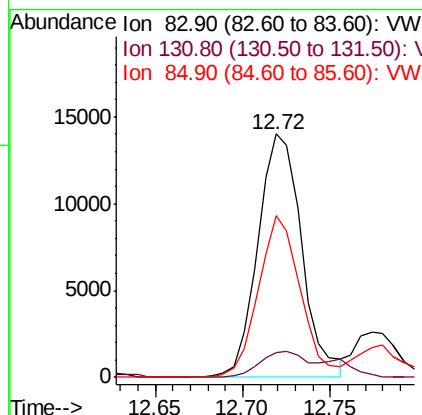
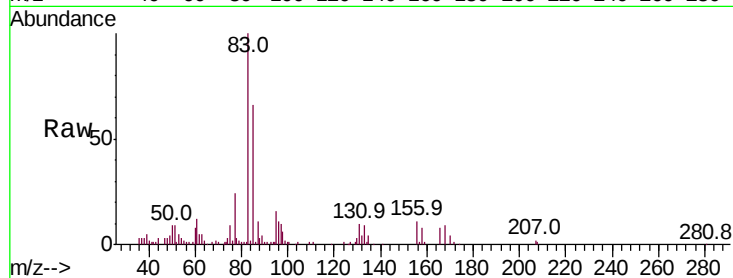
Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	83	Resp:	24457
Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.5	16.4
85	63.8	31.6	95.0



#76

1,2,3-Trichloropropane

Concen: 107.761 ug/l

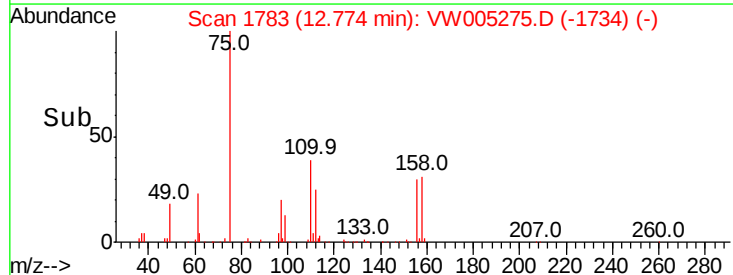
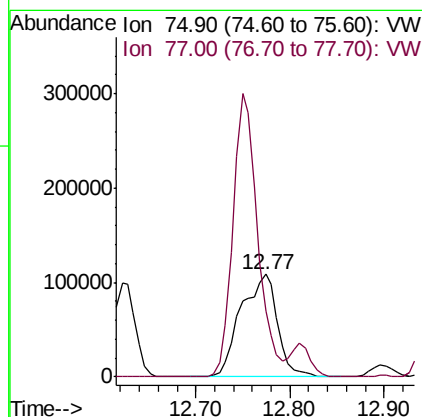
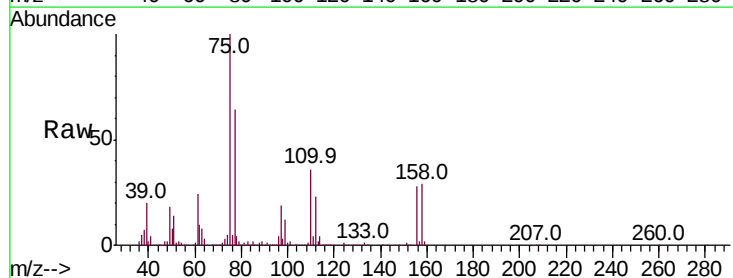
RT: 12.77 min Scan# 1783

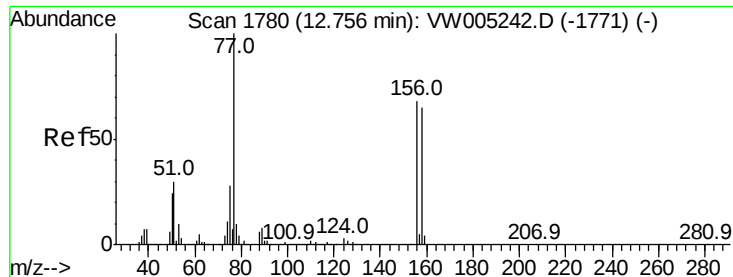
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion:	75	Resp:	295187
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.138 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

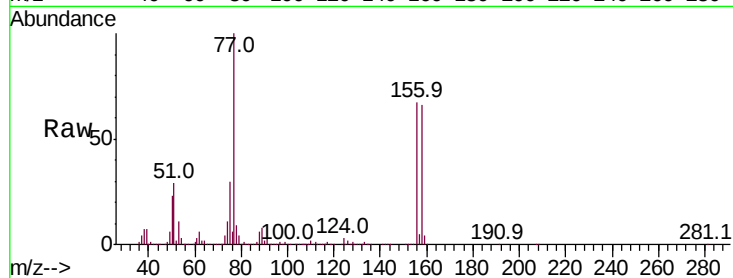
Tot Ion:156 Resp: 309085

Ion Ratio Lower Upper

156 100

77 176.9 86.3 258.8

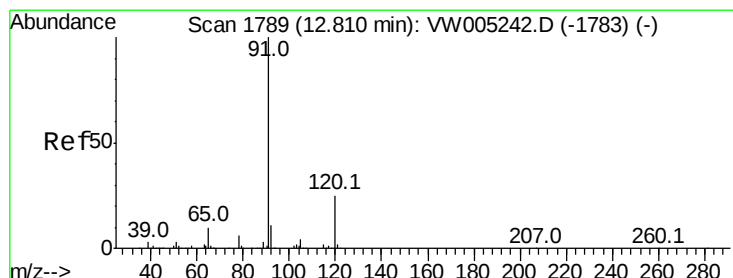
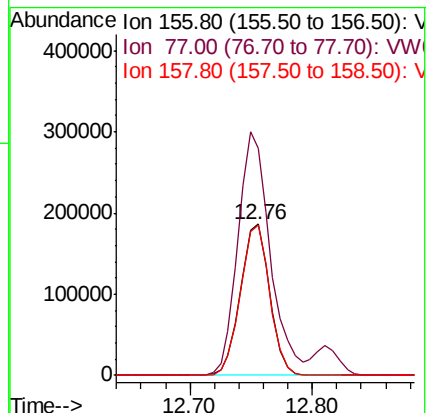
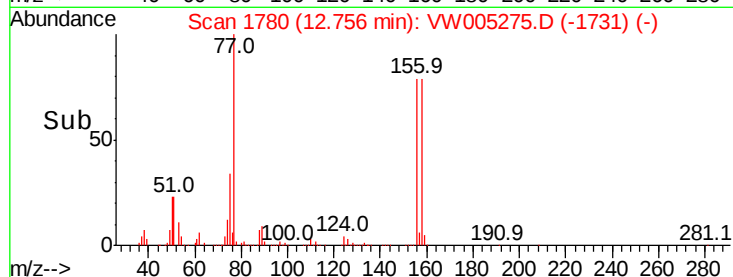
158 98.8 48.6 145.8



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: 48.425 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005275.D

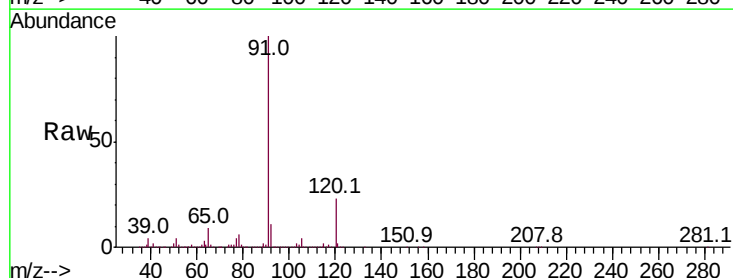
Acq: 11 Sep 2018 15:02

Tgt Ion: 91 Resp: 1463465

Ion Ratio Lower Upper

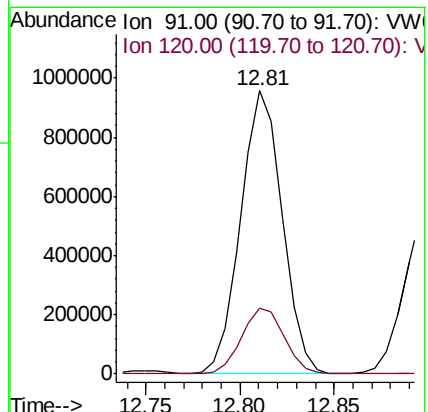
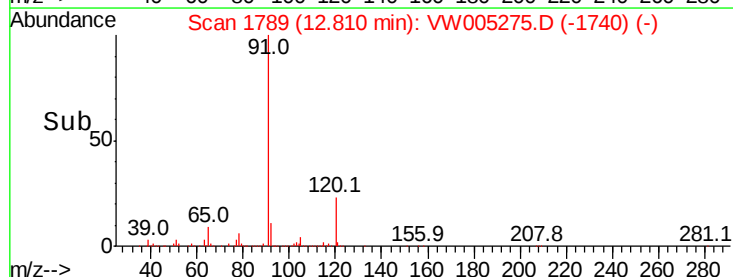
91 100

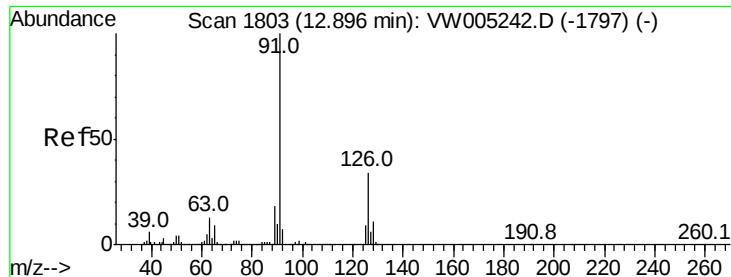
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.808 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

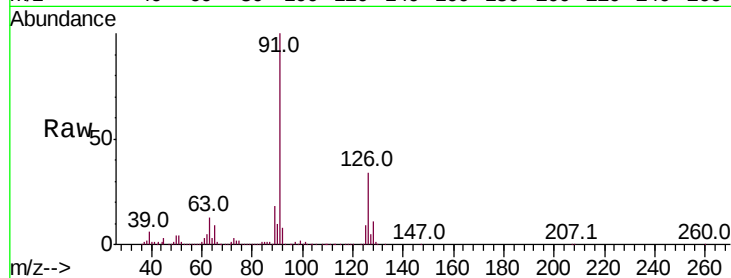
ClientSampled :

Tot Ion: 91 Resp: 863205

Ion Ratio Lower Upper

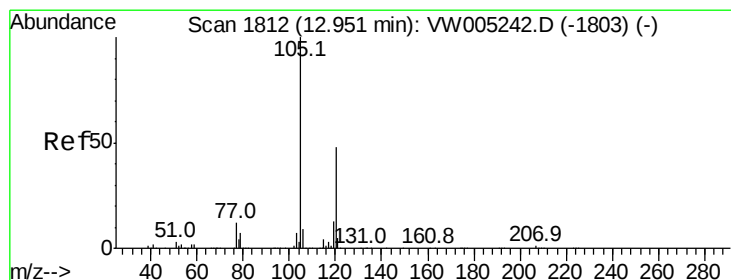
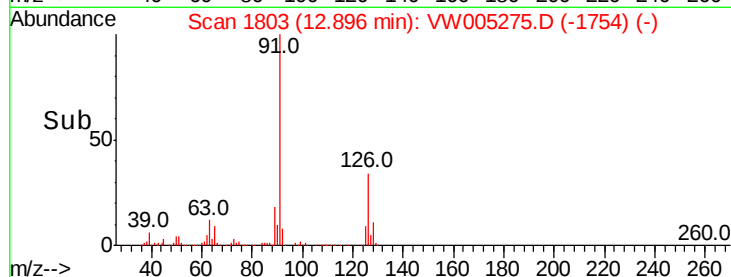
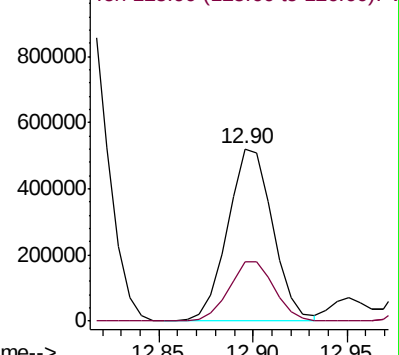
91 100

126 34.6 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: 48.743 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005275.D

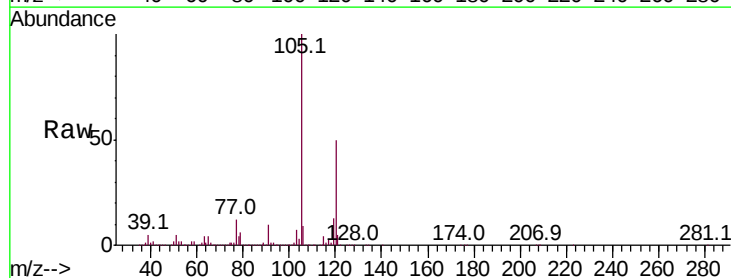
Acq: 11 Sep 2018 15:02

Tgt Ion:105 Resp: 1044417

Ion Ratio Lower Upper

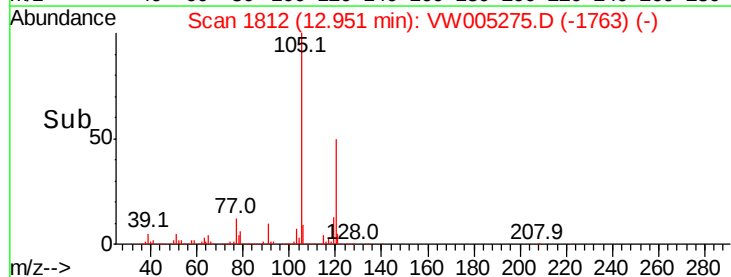
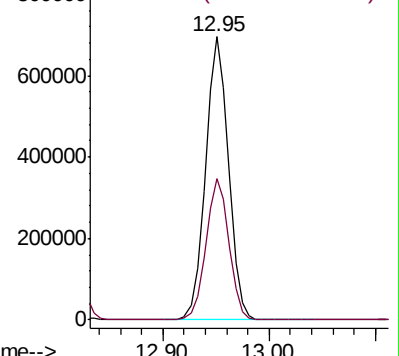
105 100

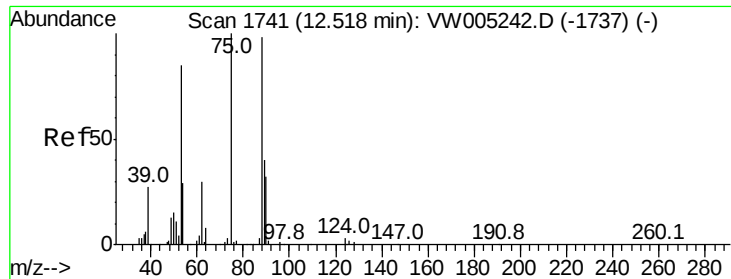
120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

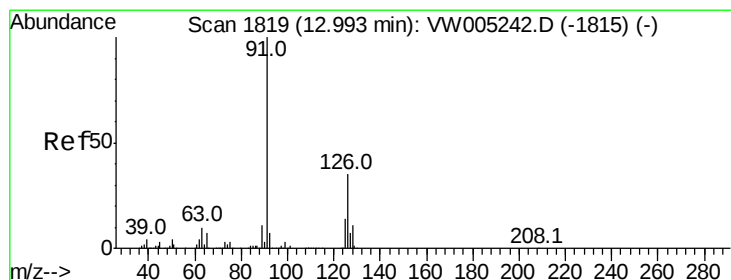
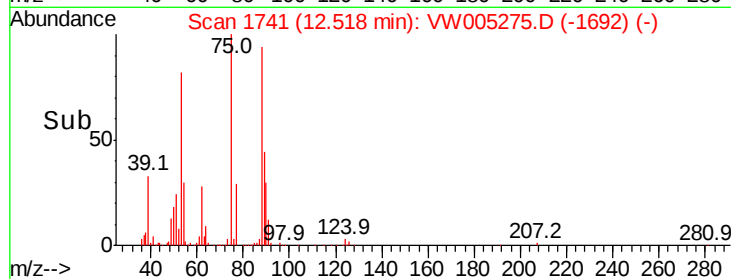
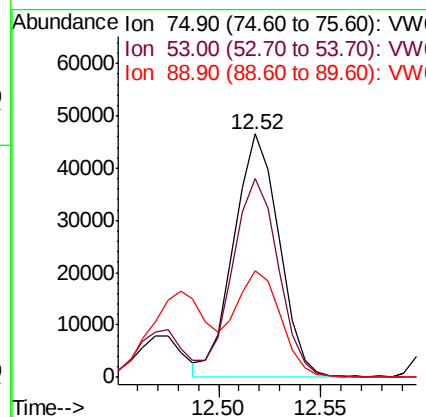
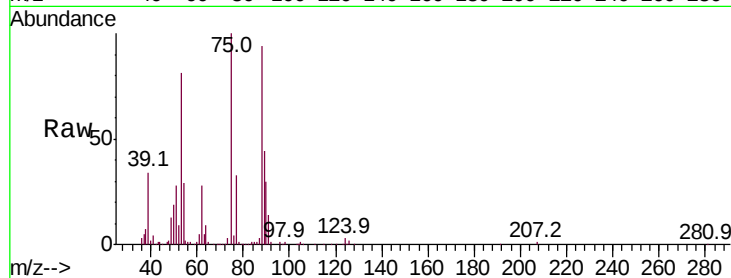




#81
trans-1,4-Dichloro-2-butene
Concen: 61.032 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

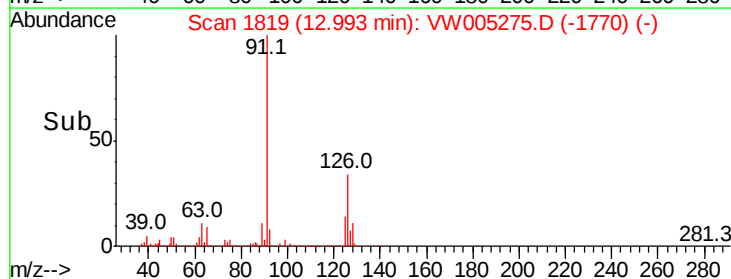
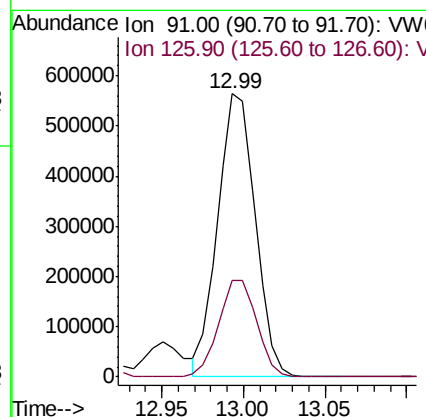
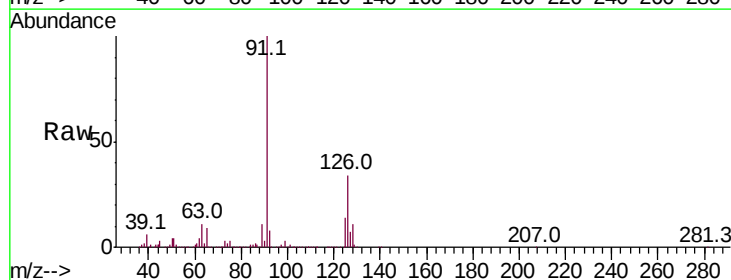
Instrument :
MSVOA_W
ClientSampled :

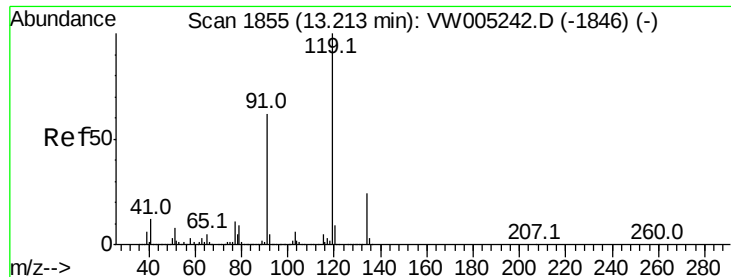
Tot Ion: 75 Resp: 71287
Ion Ratio Lower Upper
75 100
53 84.5 67.0 100.6
89 44.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.690 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion: 91 Resp: 905162
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

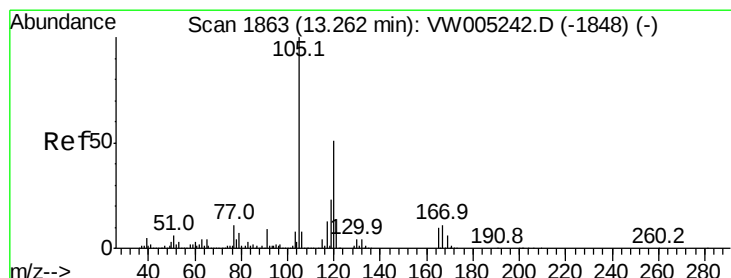
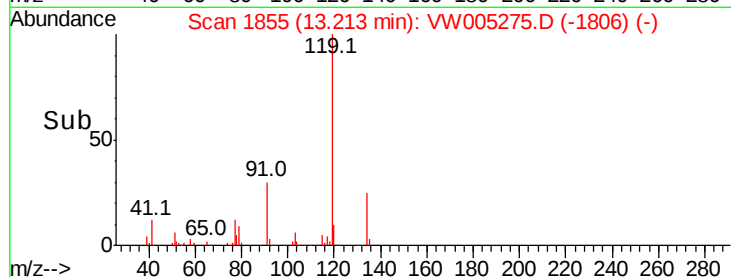
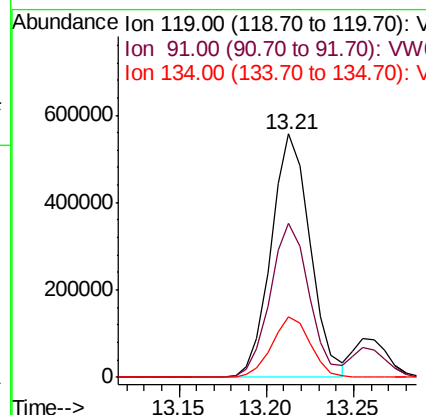
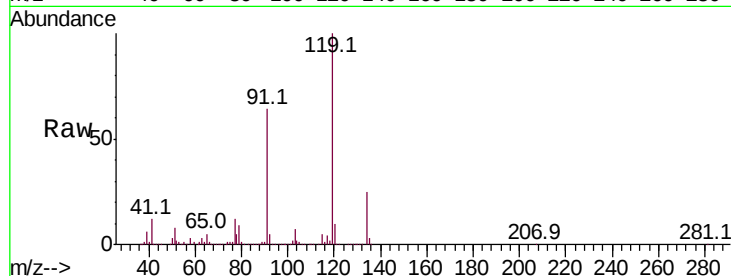




#83
 tert-Butylbenzene
 Concen: 46.346 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

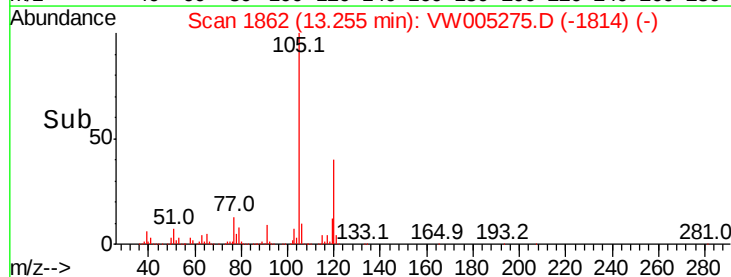
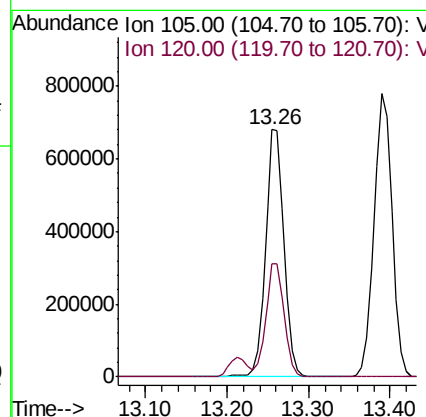
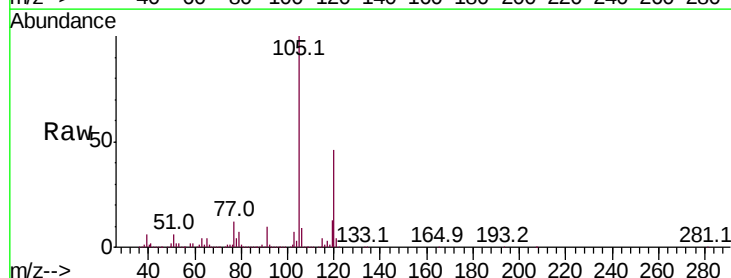
Instrument :
 MSVOA_W
 ClientSampleId :

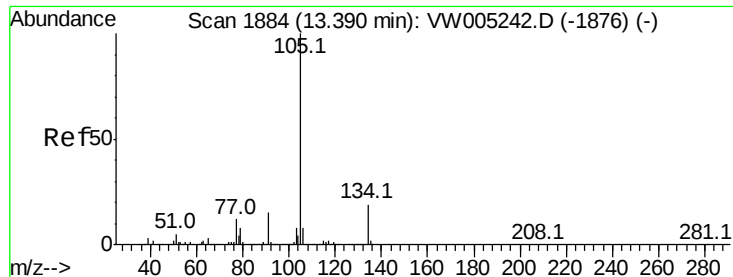
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.7	95.1
134	24.3	13.0	38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.846 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.4	70.3

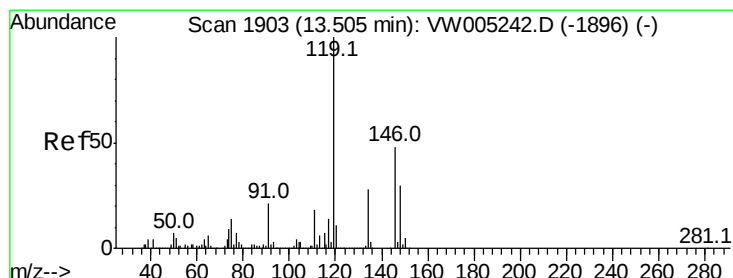
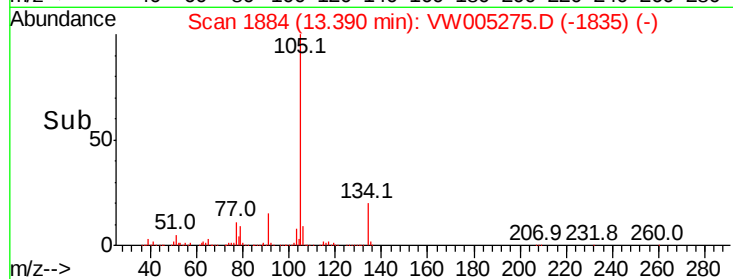
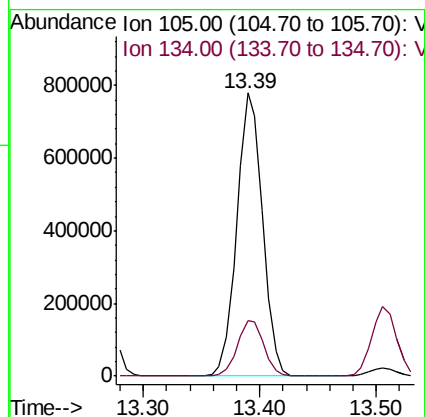
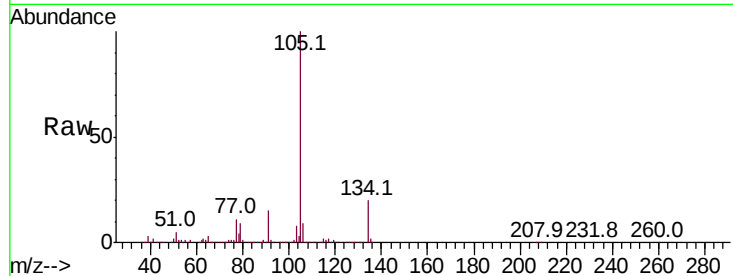




#85
 sec-Butylbenzene
 Concen: 44.405 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

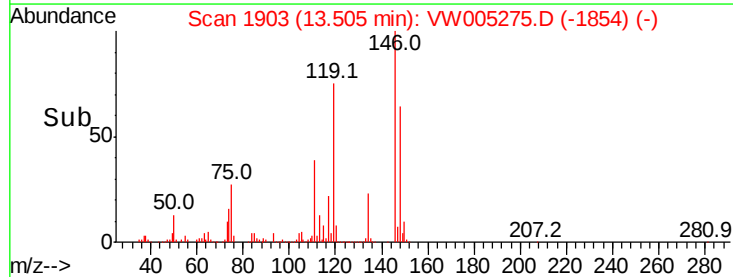
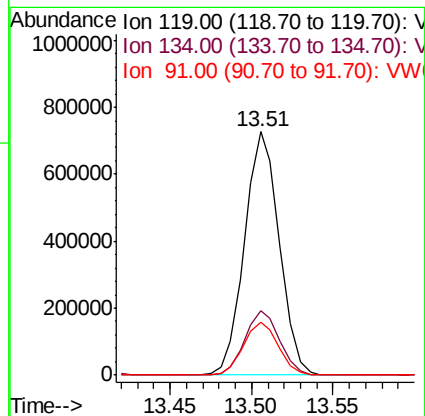
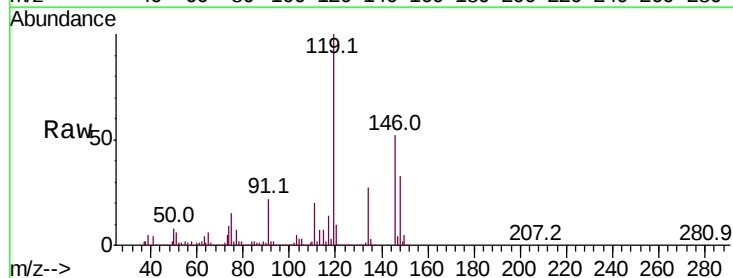
Instrument :
 MSVOA_W
 ClientSampled :

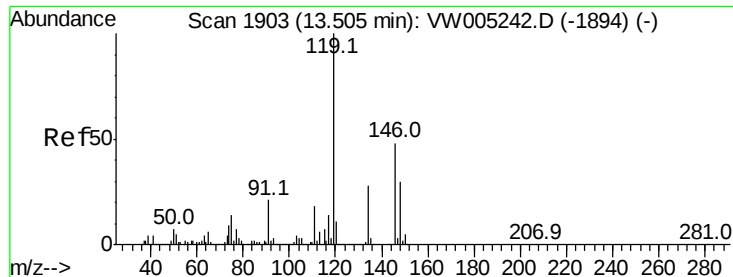
Tot Ion:105 Resp: 1195939
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 44.974 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion:119 Resp: 1072258
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 21.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.514 ug/l

RT: 13.51 min Scan# 1903

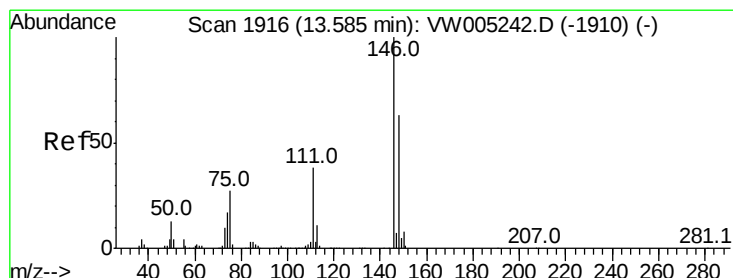
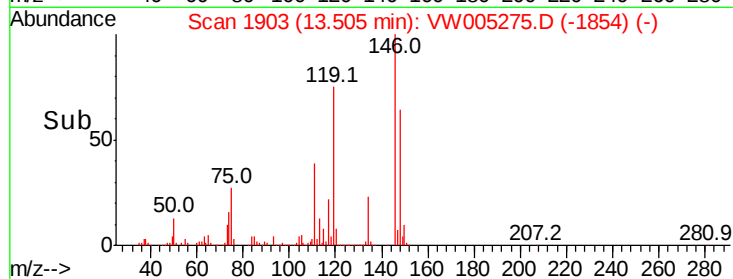
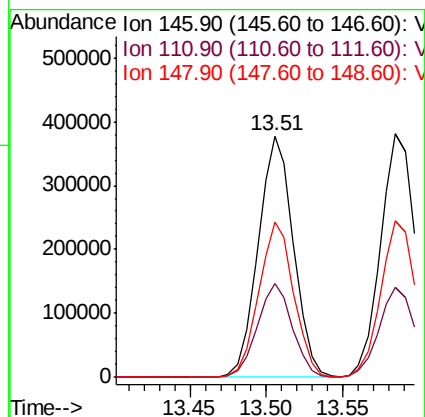
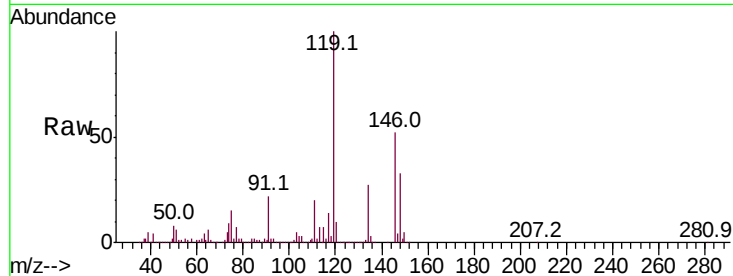
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.3
148	64.0	31.6	94.8



#88

1,4-Dichlorobenzene

Concen: 49.190 ug/l

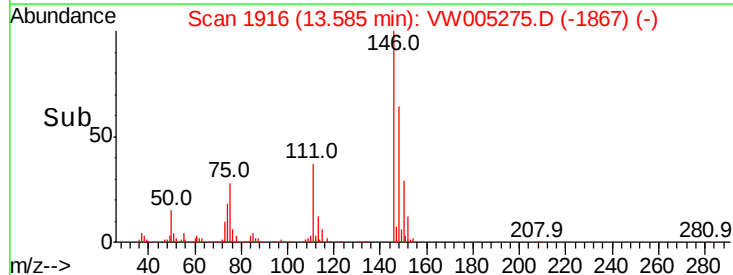
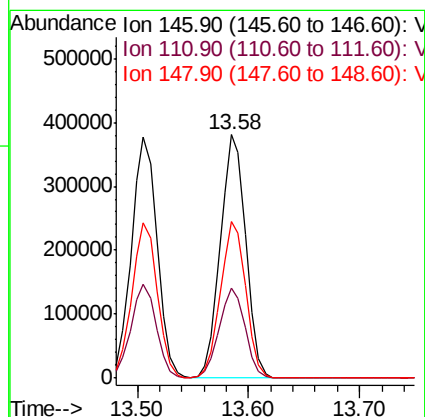
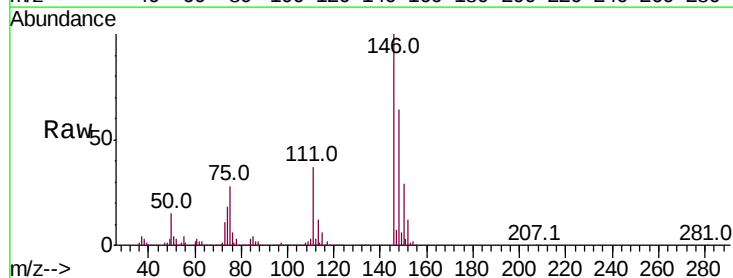
RT: 13.58 min Scan# 1916

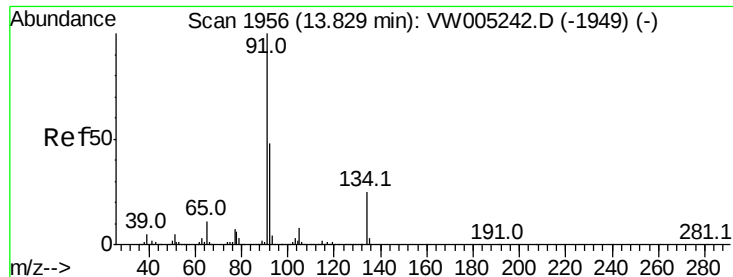
Delta R.T. -0.00 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.3
148	64.0	32.3	96.9





#89

n-Butylbenzene

Concen: 40.888 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005275.D

Acq: 11 Sep 2018 15:02

Instrument :

MSVOA_W

ClientSampled :

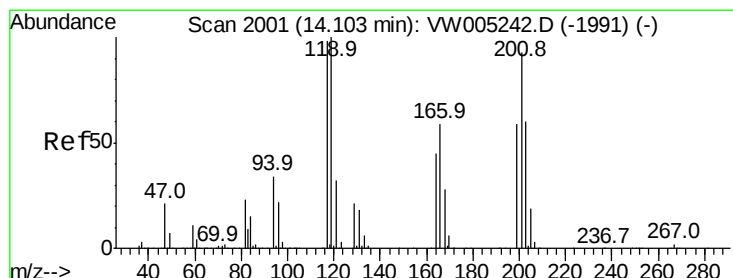
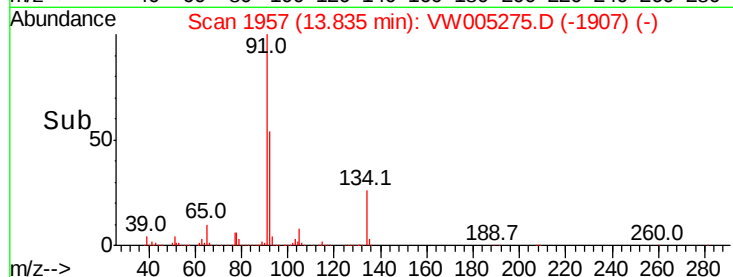
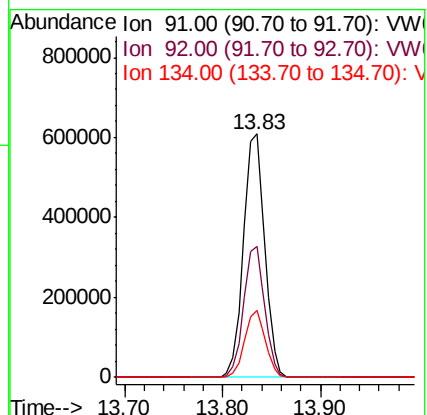
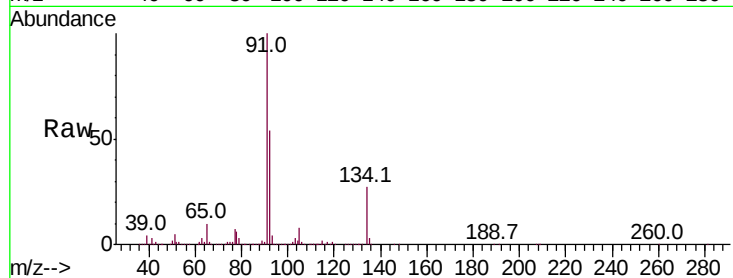
Tot Ion: 91 Resp: 916415

Ion Ratio Lower Upper

91 100

92 53.0 25.8 77.3

134 26.9 13.6 40.8



#90

Hexachloroethane

Concen: 43.633 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005275.D

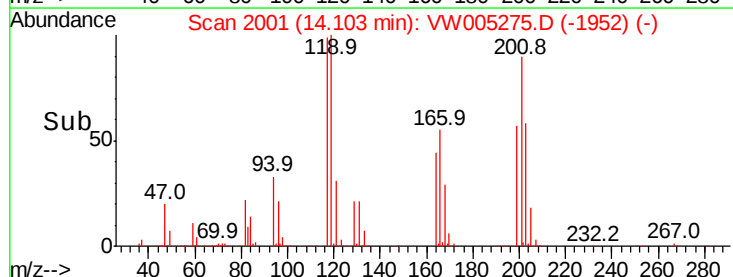
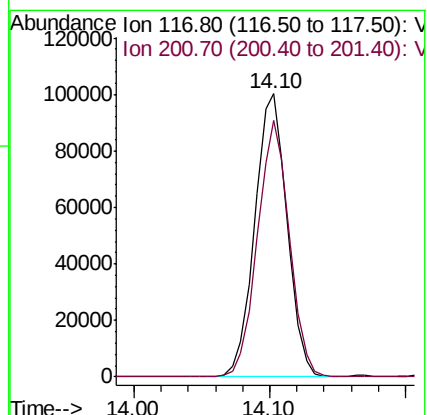
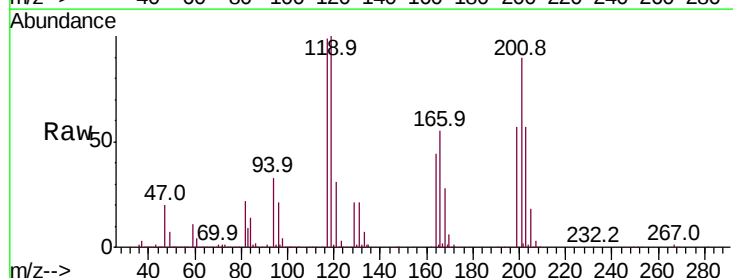
Acq: 11 Sep 2018 15:02

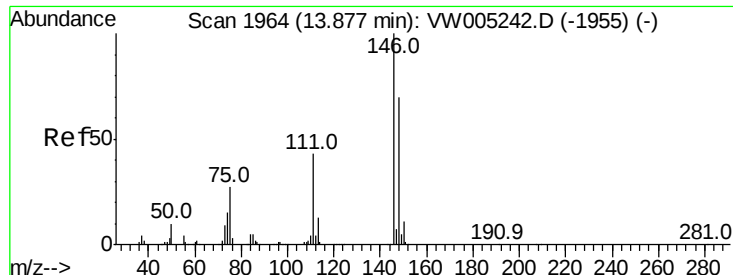
Tgt Ion: 117 Resp: 166671

Ion Ratio Lower Upper

117 100

201 89.4 44.0 132.1

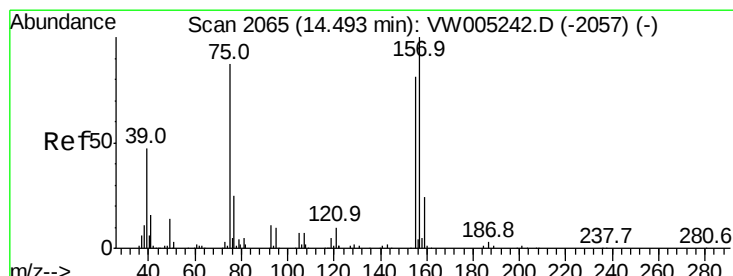
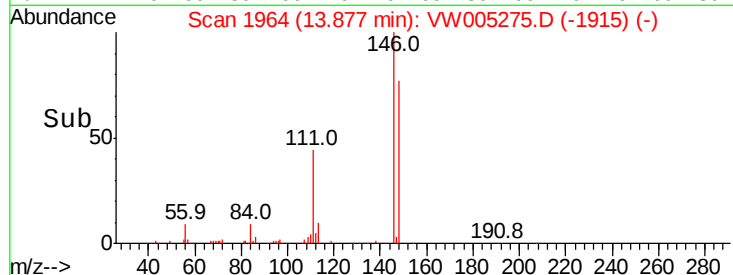
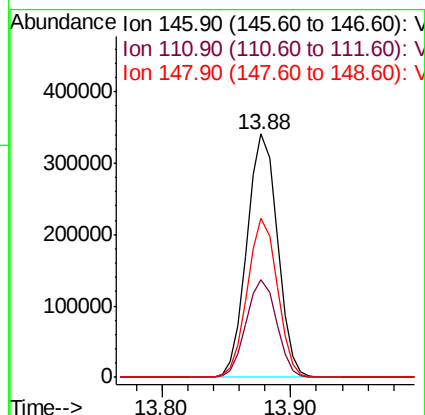
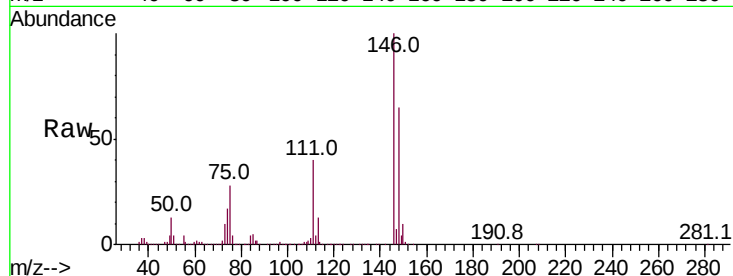




#91
 1,2-Dichlorobenzene
 Concen: 50.877 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

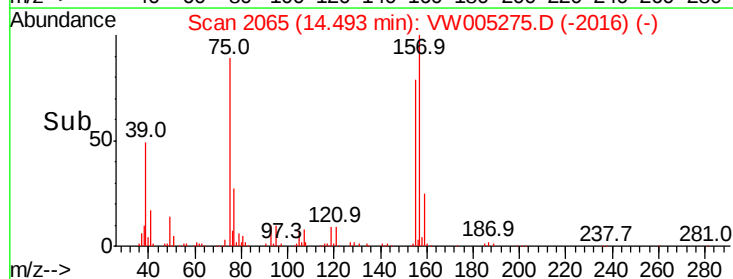
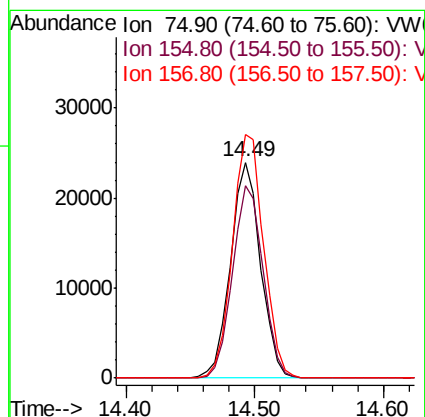
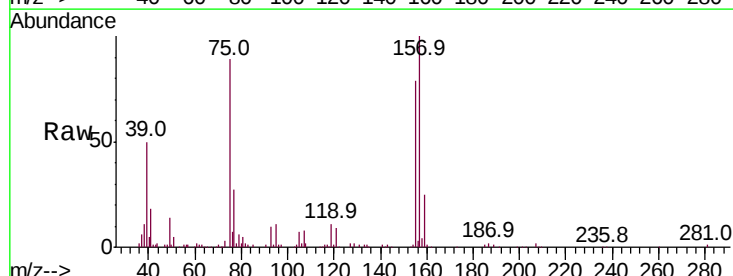
Instrument :
 MSVOA_W
 ClientSampleId :

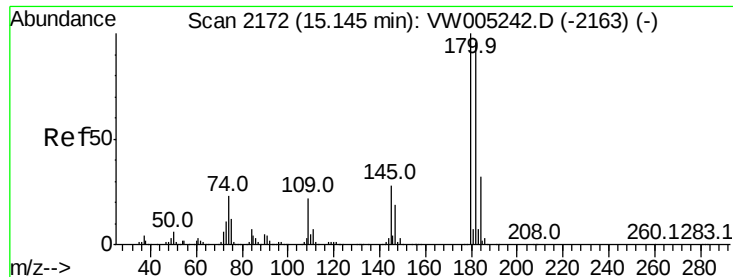
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.4	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.044 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	47.4	142.2
157	116.7	59.4	178.2

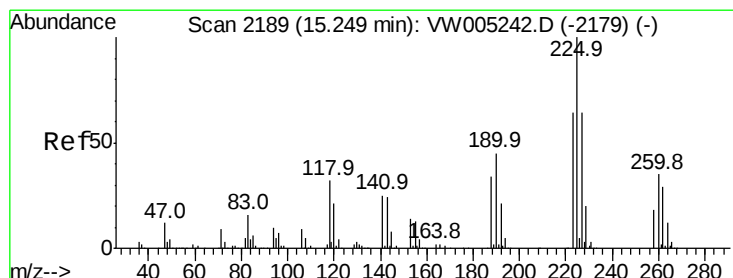
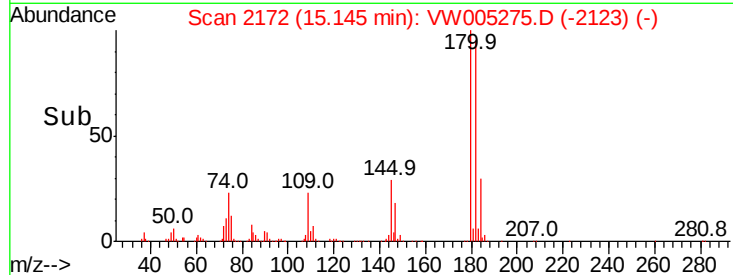
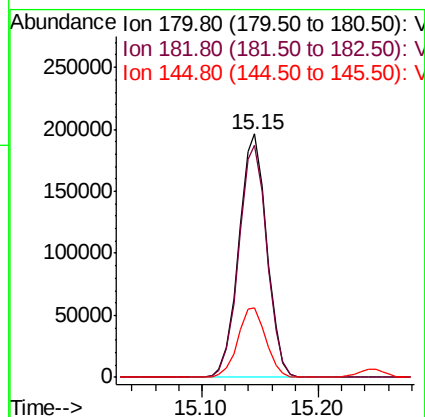
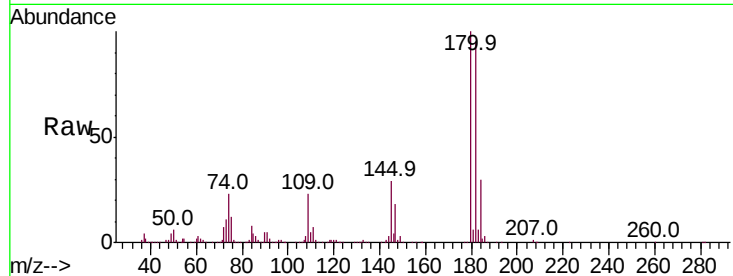




#93
 1,2,4-Trichlorobenzene
 Concen: 42.473 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

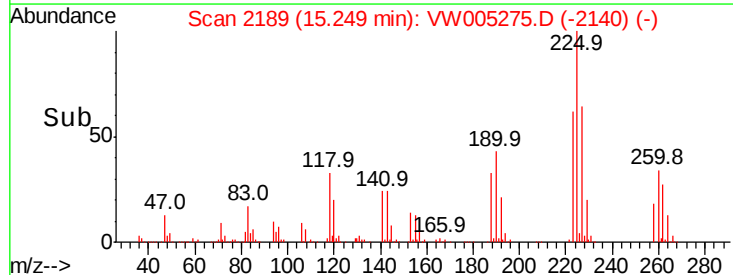
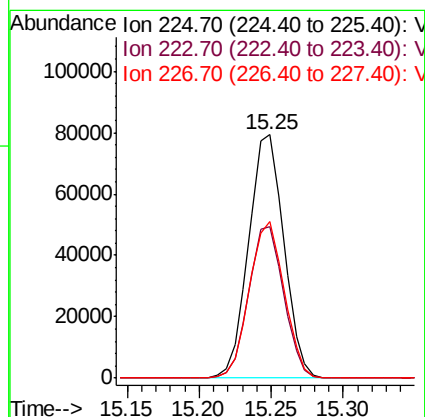
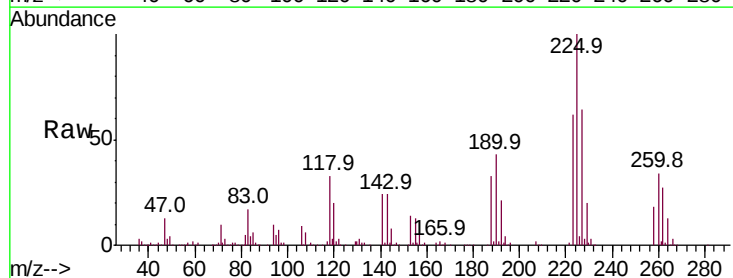
Instrument :
 MSVOA_W
 ClientSampled :

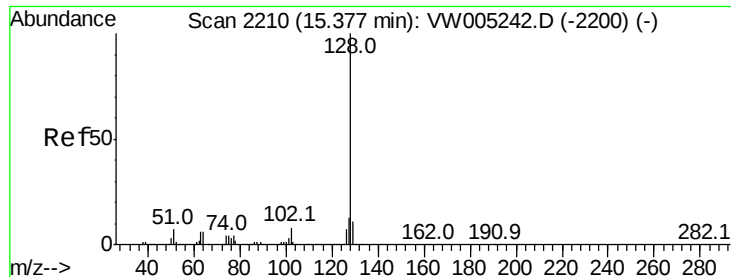
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.4
145	28.8	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 27.067 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005275.D
 Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.4	94.2
227	63.4	32.0	96.0

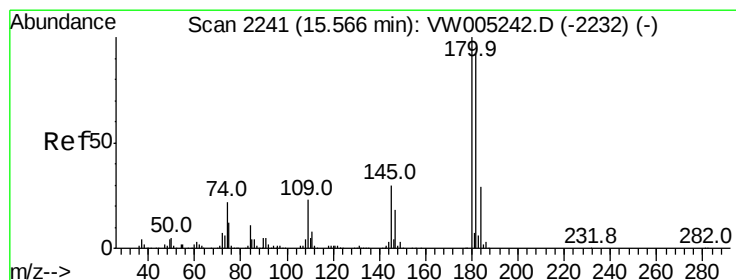
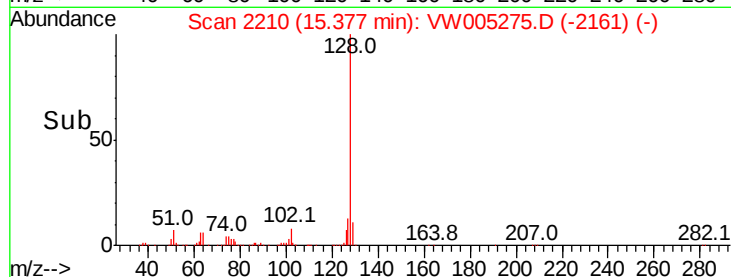
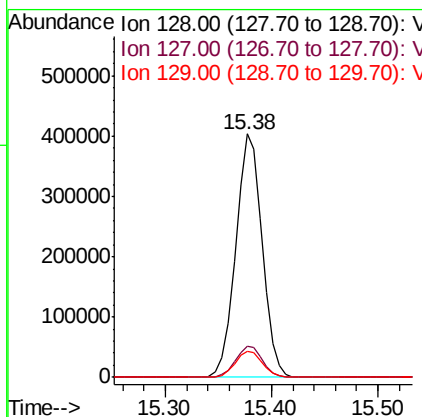
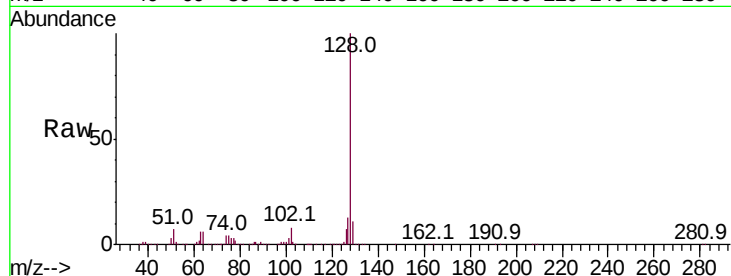




#95
Naphthalene
Concen: 55.815 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.303 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005275.D
Acq: 11 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.2	141.6
145	30.9	15.2	45.6

