

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004779.D
 Acq On : 18 Aug 2018 13:22
 Operator : SY/AP
 Sample : J4448-02MS
 Misc : 6.55G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

Quant Time: Aug 20 12:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	532342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	825455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	692929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	298250	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	299040	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	7.88	113	291898	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
50) Toluene-d8	10.33	98	1062692	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.62	95	335135	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	175070	49.65	ug/l	96
3) Chloromethane	2.21	50	236507	51.30	ug/l	99
4) Vinyl Chloride	2.37	62	383335	56.49	ug/l	99
5) Bromomethane	2.78	94	198089	47.26	ug/l	97
6) Chloroethane	2.93	64	230659	56.33	ug/l	99
7) Trichlorofluoromethane	3.26	101	173369	54.23	ug/l	97
8) Diethyl Ether	3.68	74	176551	61.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	297040	53.96	ug/l	99
10) Methyl Iodide	4.27	142	316577	37.86	ug/l	99
11) Tert butyl alcohol	5.22	59	92282	320.94	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	296217	54.00	ug/l	97
14) Allvl chloride	4.67	41	453363	54.46	ug/l	100
15) Acrylonitrile	5.37	53	255659	210.90	ug/l	99
16) Acetone	4.14	43	243701	185.49	ug/l	99
17) Carbon Disulfide	4.38	76	951893	52.80	ug/l	99
18) Methyl Acetate	4.68	43	631156	224.18	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	450557	63.27	ug/l	96
20) Methylene Chloride	4.92	84	381605	64.90	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	327426	56.10	ug/l	98
22) Diisopropyl ether	6.32	45	894473	55.90	ug/l	96
23) Vinyl Acetate	6.32	43	461414	50.98	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	589742	56.71	ug/l	100
25) 2-Butanone	7.18	43	138018	73.73	ug/l	100
26) 2,2-Dichloropropane	7.17	77	256475	42.70	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	347955	55.37	ug/l	99
28) Bromochloromethane	7.51	49	264932	60.50	ug/l	98
29) Tetrahydrofuran	7.54	42	314419	329.39	ug/l	99
30) Chloroform	7.68	83	587214	57.42	ug/l	98
31) Cyclohexane	7.96	56	514307	51.13	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	449431	55.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	451449	53.09	ug/l	100
37) Ethyl Acetate	7.26	43	27754	8.19	ug/l #	79
38) Carbon Tetrachloride	8.07	117	412549	52.70	ug/l	99
39) Methylcyclohexane	9.34	83	508803	47.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	1319838	53.41	ug/l	100
41) Methacrylonitrile	7.54	41	231233	120.20	ug/l #	39
42) 1,2-Dichloroethane	8.40	62	368537	58.15	ug/l	100
43) Isopropyl Acetate	8.43	43	108692	17.85	ug/l #	59
44) Trichloroethene	9.10	130	324036	51.65	ug/l	98
45) 1,2-Dichloropropane	9.37	63	335245	55.46	ug/l	99
46) Dibromomethane	9.46	93	171354	57.22	ug/l	99
47) Bromodichloromethane	9.65	83	394918	55.22	ug/l	100
48) Methyl methacrylate	9.44	41	210365	73.63	ug/l	95
49) 1,4-Dioxane	9.48	88	58732	1342.32	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	1107868	269.22	ug/l	98
52) Toluene	10.39	92	769665	51.93	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	347573	48.23	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	408753	47.58	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	240214	56.43	ug/l	99
56) Ethyl methacrylate	10.65	69	66341	14.20	ug/l #	83
57) 1,3-Dichloropropane	10.94	76	408914	55.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	556658	236.78	ug/l	100
59) 2-Hexanone	10.98	43	572079	205.17	ug/l	99
60) Dibromochloromethane	11.13	129	262352	54.93	ug/l	98
61) 1,2-Dibromoethane	11.24	107	218999	53.82	ug/l	98
64) Tetrachloroethene	10.87	164	250564	52.91	ug/l	97
65) Chlorobenzene	11.66	112	785014	52.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	283405	56.28	ug/l	98
67) Ethyl Benzene	11.74	91	1384863	54.77	ug/l	98
68) m/p-Xylenes	11.85	106	1036153	105.34	ug/l	100
69) o-Xylene	12.17	106	499764	54.88	ug/l	98
70) Stvrene	12.18	104	57069	3.73	ug/l #	1
71) Bromoform	12.35	173	157494	59.25	ug/l #	100
73) Isopropylbenzene	12.47	105	1310133	64.57	ug/l	99
74) N-amyl acetate	12.28	43	24376	8.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	282103	75.05	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	327467	124.55	ug/l #	100
77) Bromobenzene	12.75	156	305878	62.28	ug/l	97
78) n-propylbenzene	12.81	91	1506801	60.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	866435	60.71	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1021324	59.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	59708	52.78	ug/l	97
82) 4-Chlorotoluene	12.99	91	852907	56.25	ug/l	100
83) tert-Butylbenzene	13.21	119	870938	59.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1046672	59.02	ug/l	98
85) sec-Butylbenzene	13.39	105	1175868	53.42	ug/l	99
86) p-Isopropyltoluene	13.51	119	936320	48.88	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	527254	52.78	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	517170	51.79	ug/l	99
89) n-Butylbenzene	13.83	91	804873	43.46	ug/l	99
90) Hexachloroethane	14.10	117	180271	51.63	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	474742	52.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40638	69.18	ug/l	97
93) 1,2,4-Trichlorobenzene	15.14	180	193930	30.56	ug/l	99

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QLast Update : Sat Aug 18 01:49:53 2018
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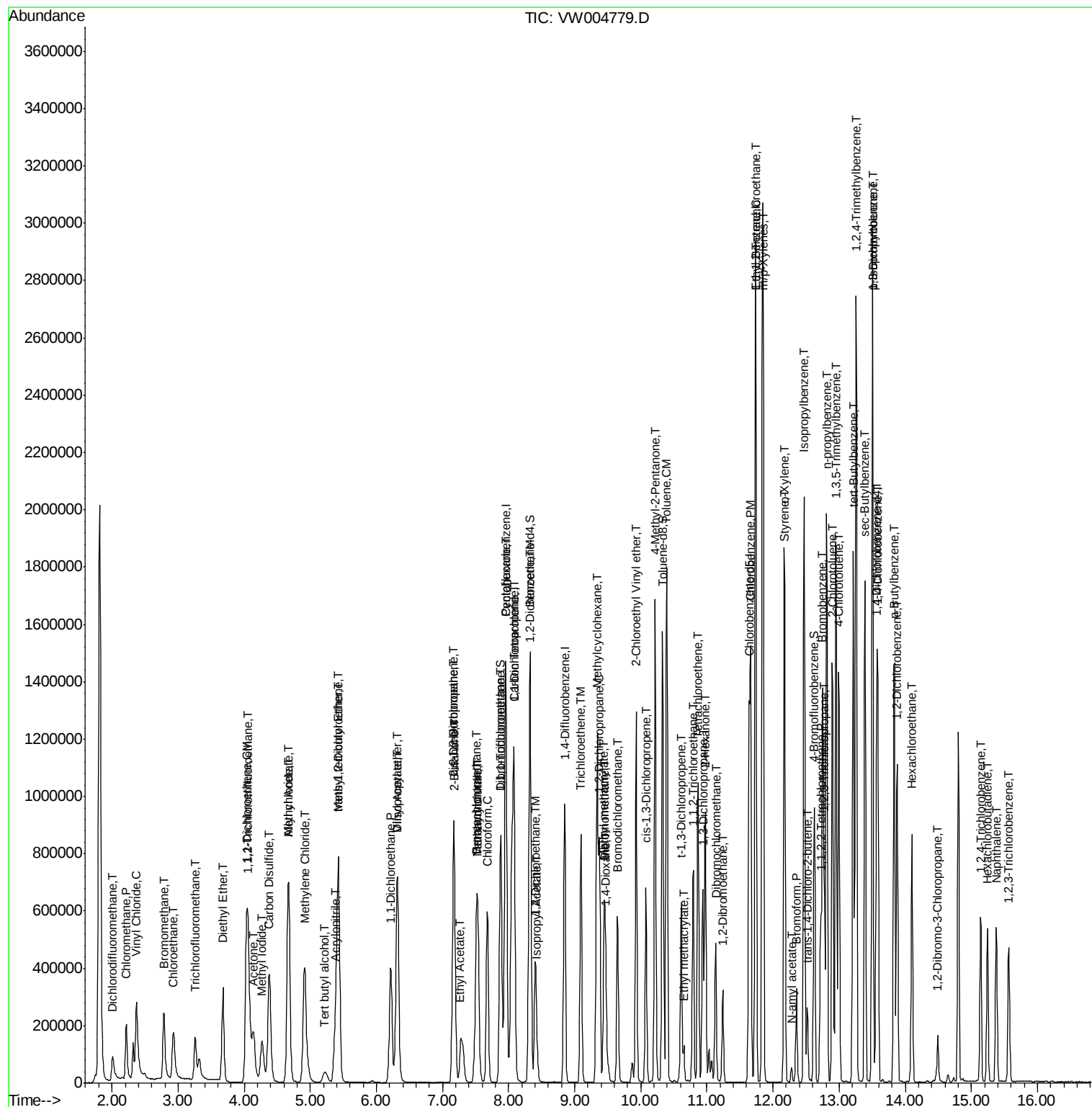
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	113677	29.18	ug/l	99
95) Naphthalene	15.38	128	466845	38.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	170609	30.32	ug/l	98

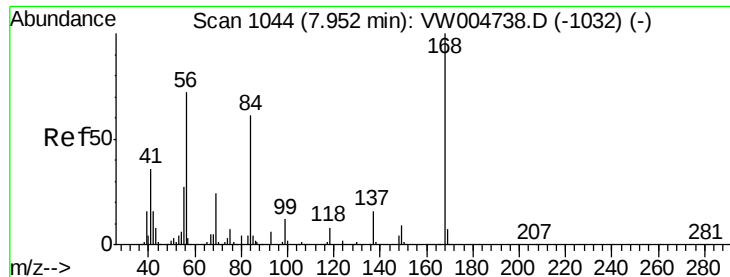
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

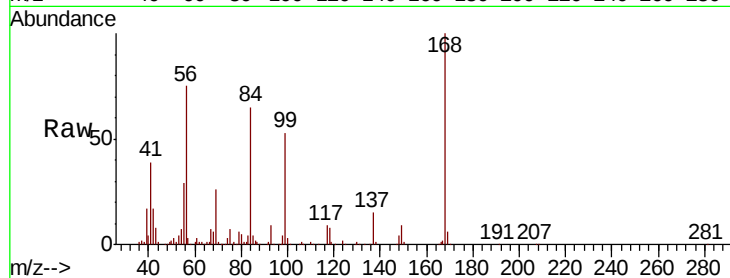
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion:168 Resp: 532342

Ion Ratio Lower Upper

168 100

99 53.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

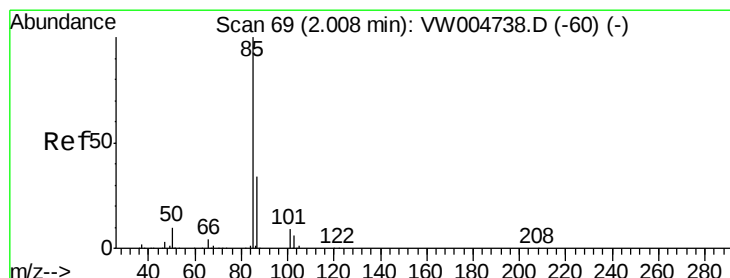
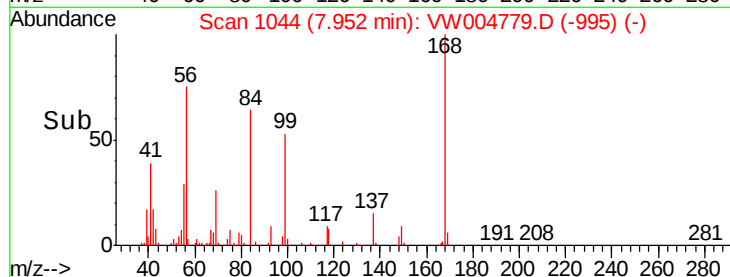
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.65 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004779.D

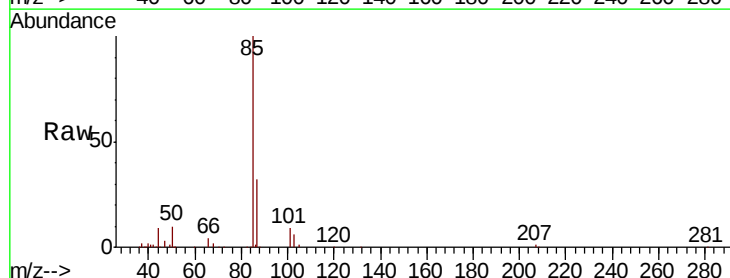
Acq: 18 Aug 2018 13:22

Tgt Ion: 85 Resp: 175070

Ion Ratio Lower Upper

85 100

87 31.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

50000

40000

30000

20000

10000

0

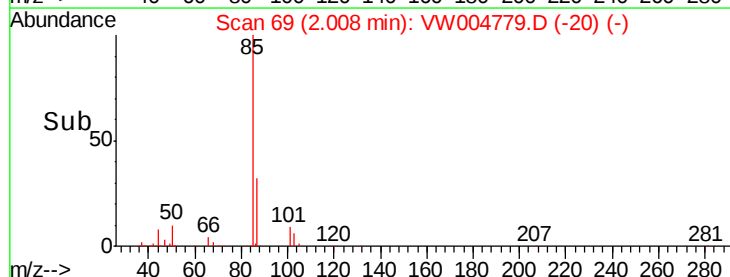
1.90

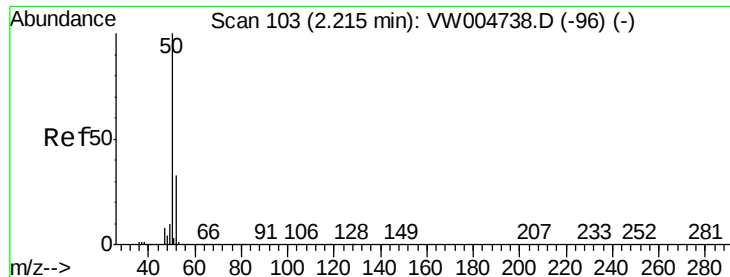
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 51.30 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

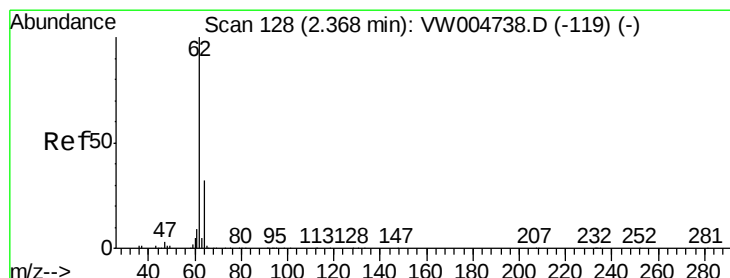
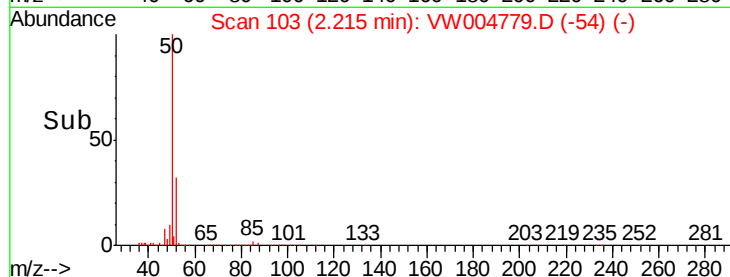
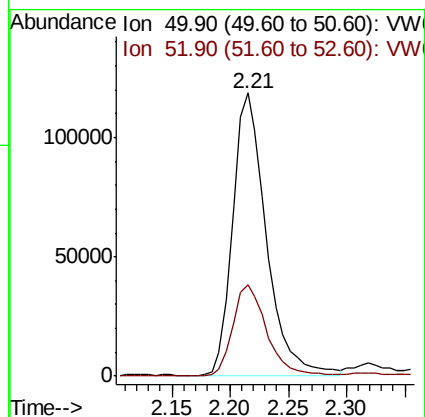
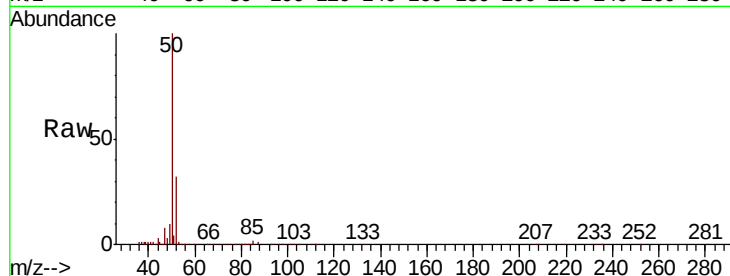
TOD1-SB-01-0-2MS

Tot Ion: 50 Resp: 236507

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 56.49 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004779.D

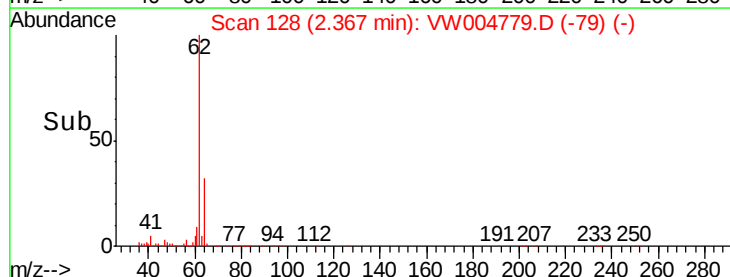
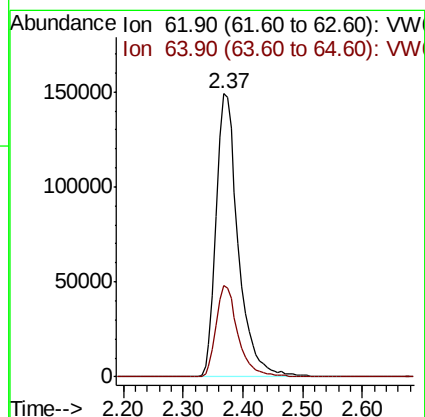
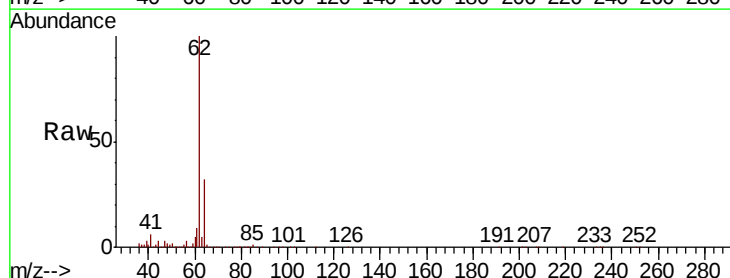
Acq: 18 Aug 2018 13:22

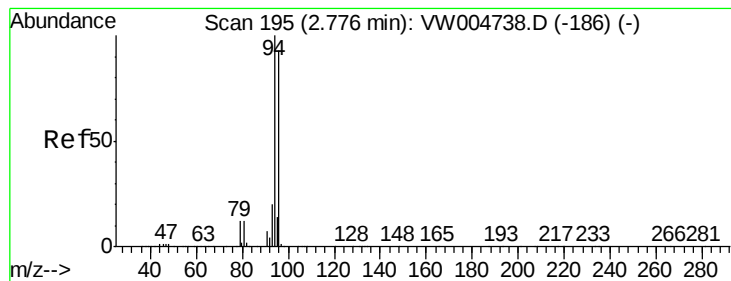
Tgt Ion: 62 Resp: 383335

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 47.26 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

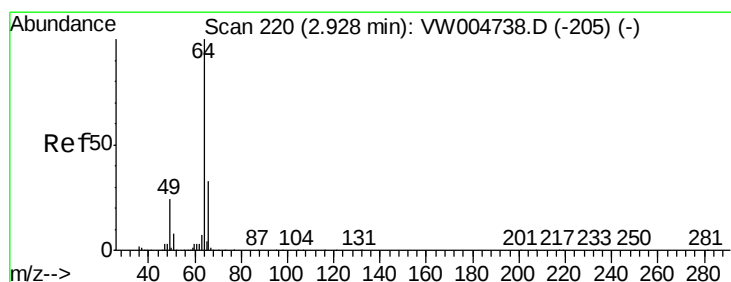
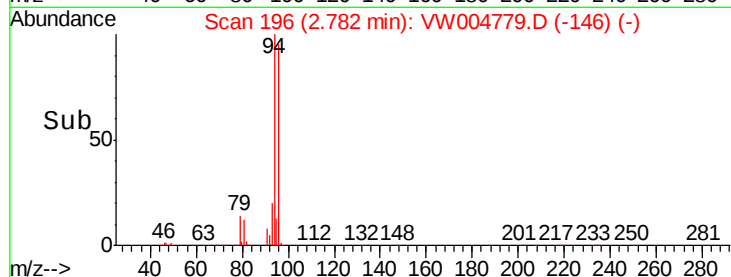
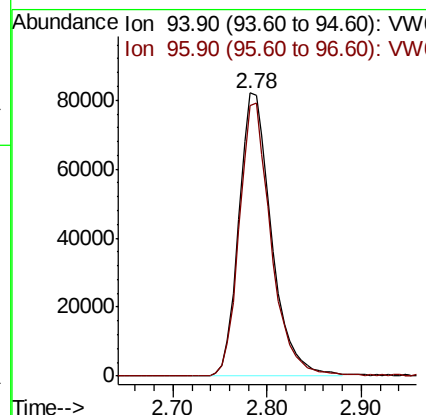
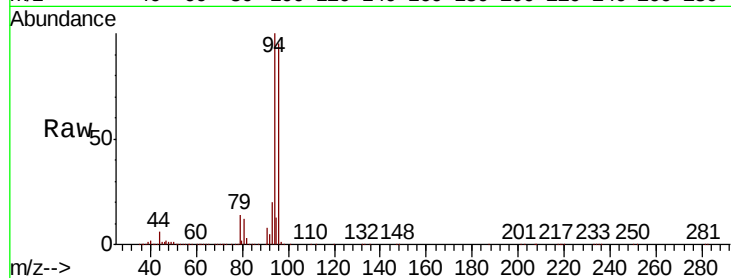
TOD1-SB-01-0-2MS

Tot Ion: 94 Resp: 198089

Ion Ratio Lower Upper

94 100

96 95.3 74.3 111.5



#6

Chloroethane

Concen: 56.33 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004779.D

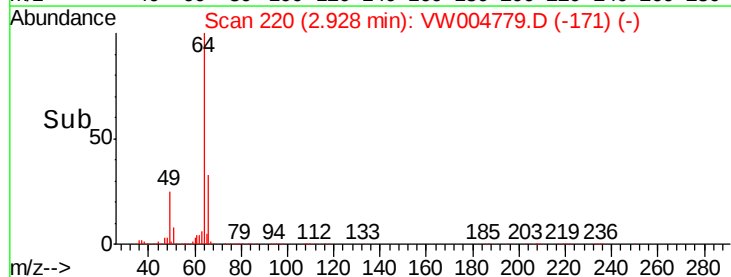
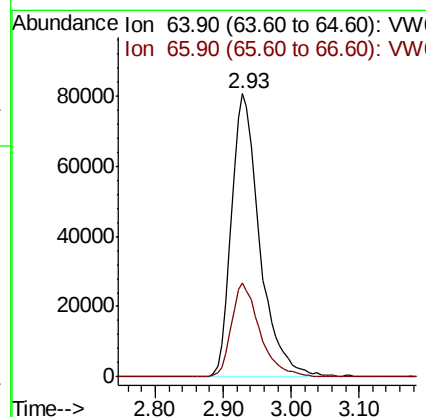
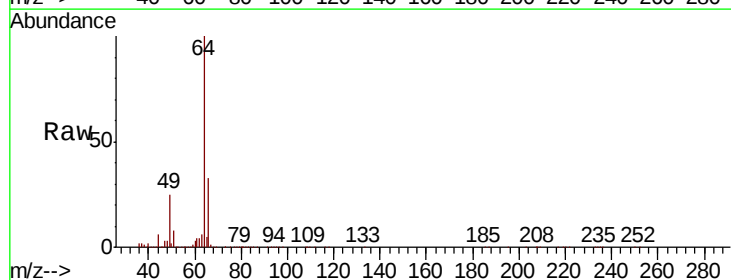
Acq: 18 Aug 2018 13:22

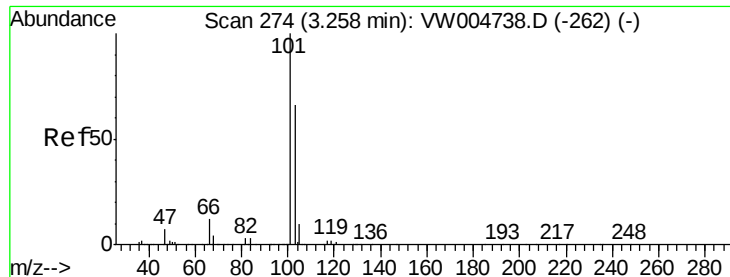
Tgt Ion: 64 Resp: 230659

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1



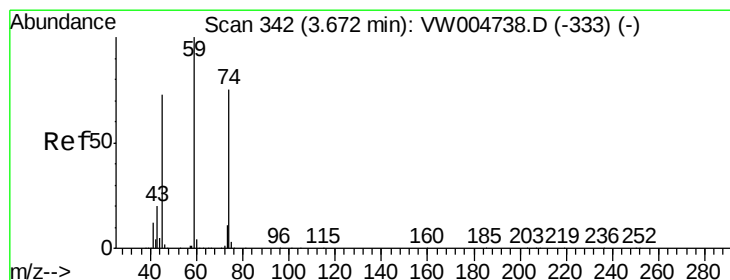
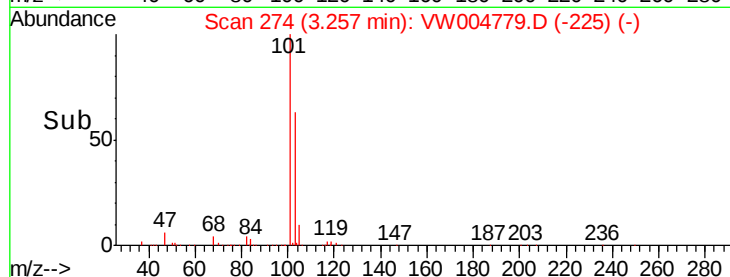
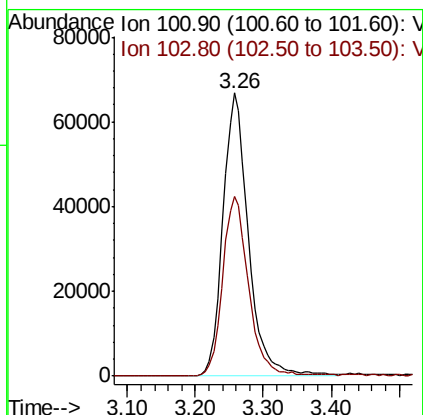
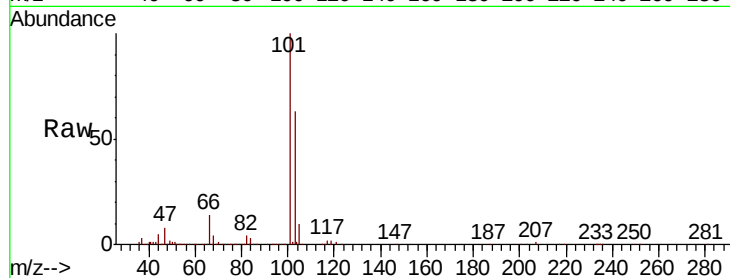


#7

Trichlorofluoromethane
 Concen: 54.23 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

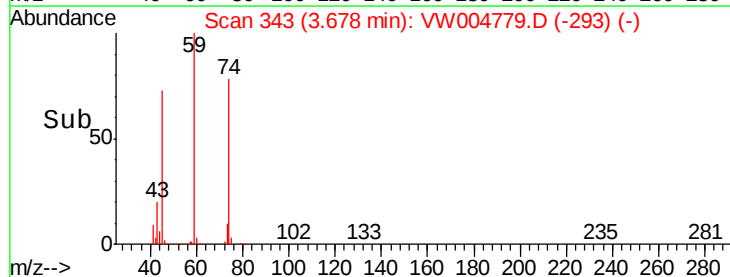
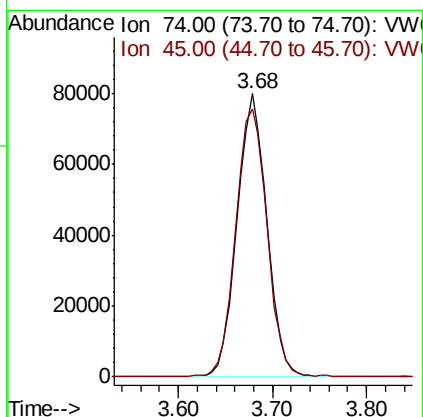
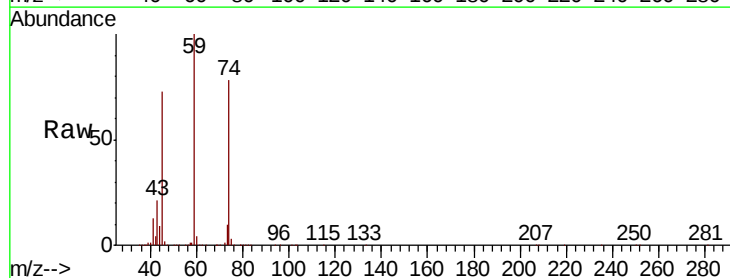
Tot Ion:101 Resp: 173369
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.5 78.7

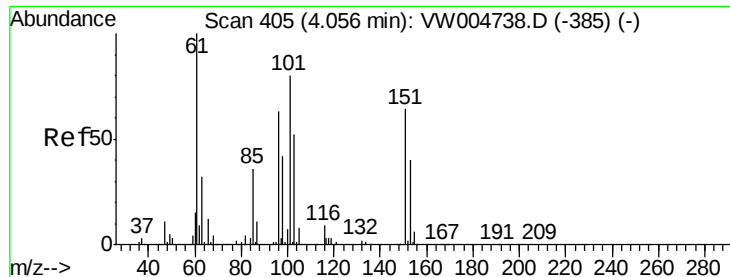


#8

Diethyl Ether
 Concen: 61.08 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion: 74 Resp: 176551
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.96 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

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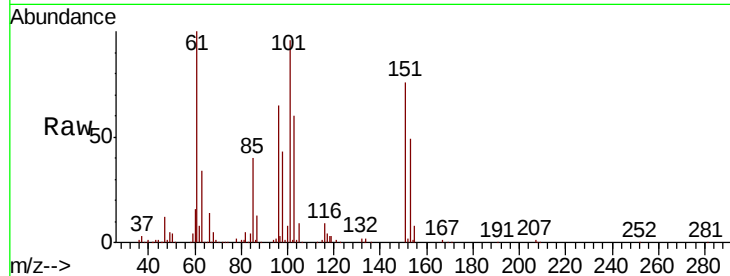
Tot Ion:101 Resp: 297040

Ion Ratio Lower Upper

101 100

85 42.6 33.9 50.9

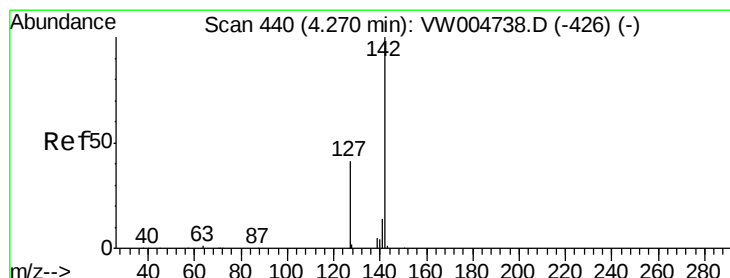
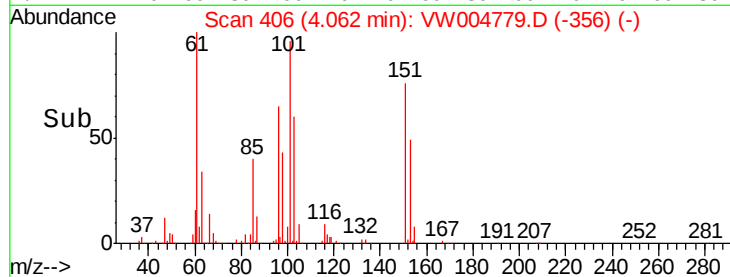
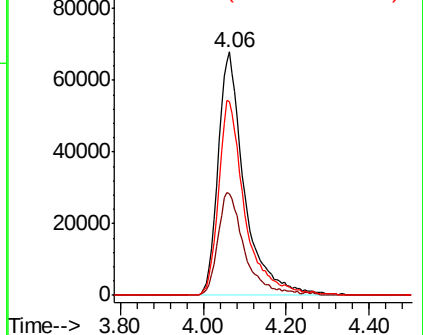
151 80.1 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.86 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

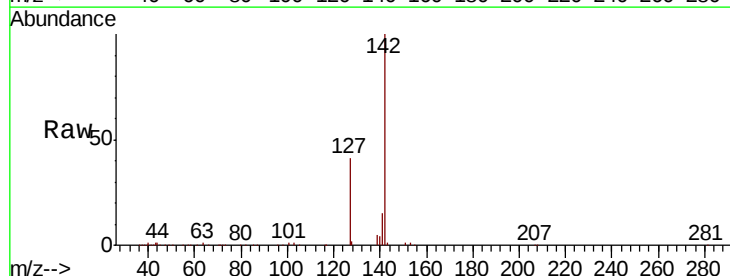
Tgt Ion:142 Resp: 316577

Ion Ratio Lower Upper

142 100

127 40.7 32.1 48.1

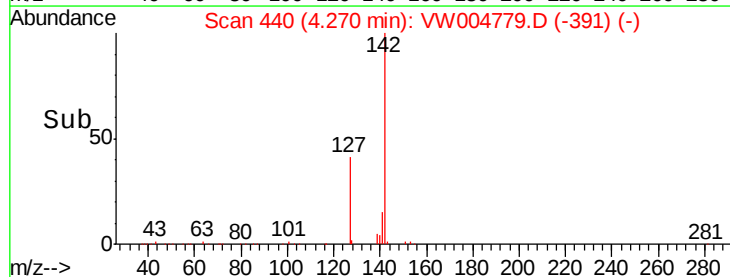
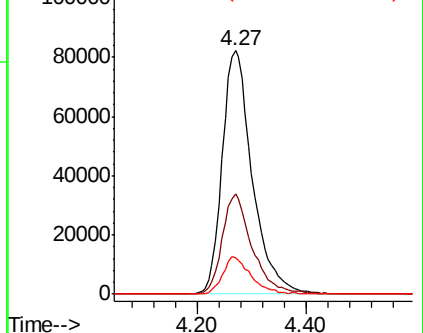
141 14.6 11.7 17.5

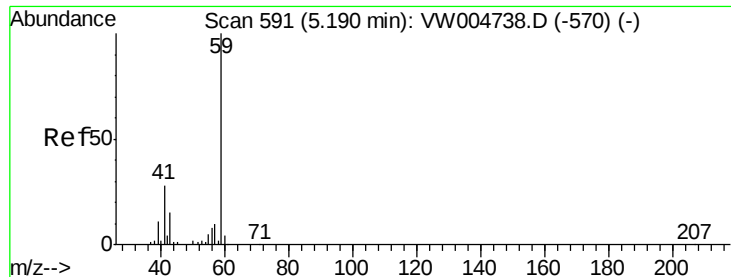


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



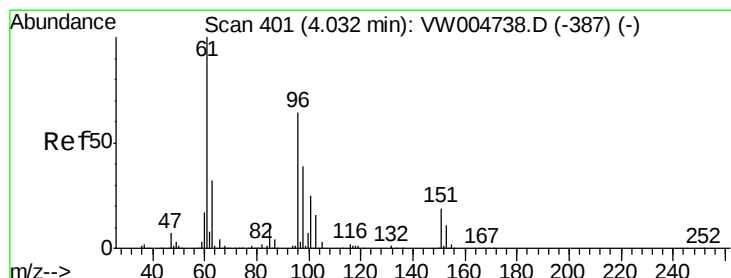
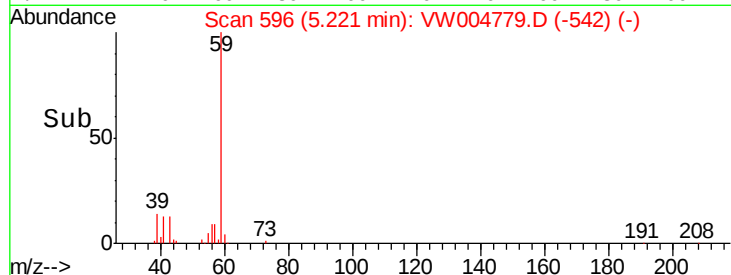
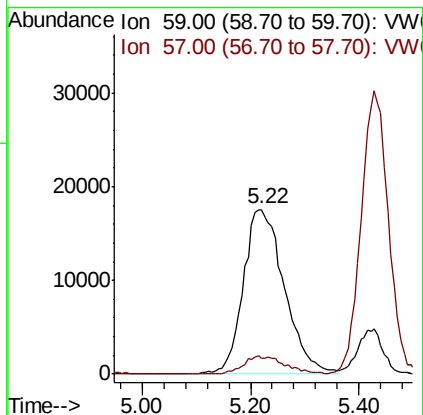
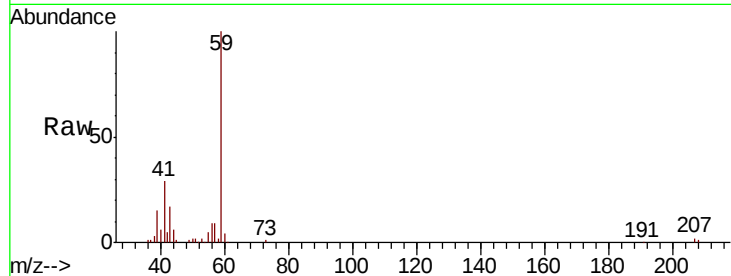


#11

Tert butyl alcohol
 Concen: 320.94 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. 0.03 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

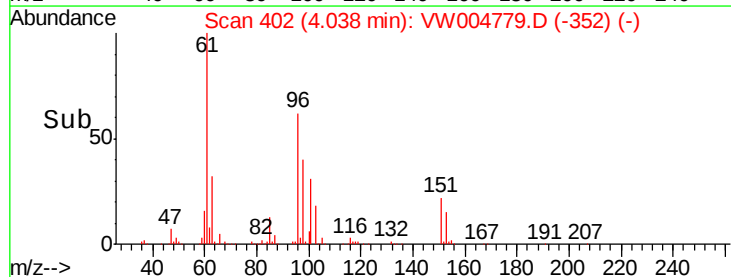
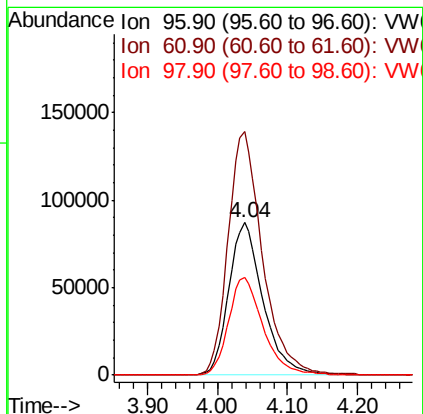
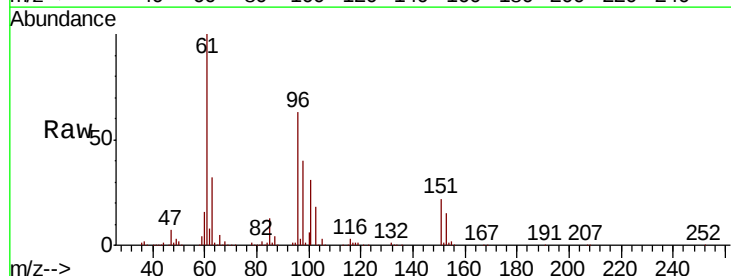
Tot Ion: 59 Resp: 92282
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.4 12.6#

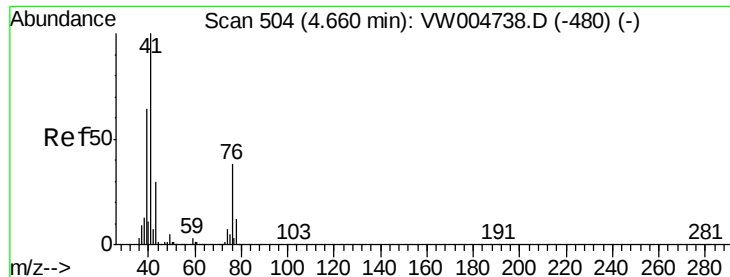


#12

1,1-Dichloroethene
 Concen: 54.00 ug/l
 RT: 4.04 min Scan# 402
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion: 96 Resp: 296217
 Ion Ratio Lower Upper
 96 100
 61 159.9 125.6 188.4
 98 64.5 49.4 74.0

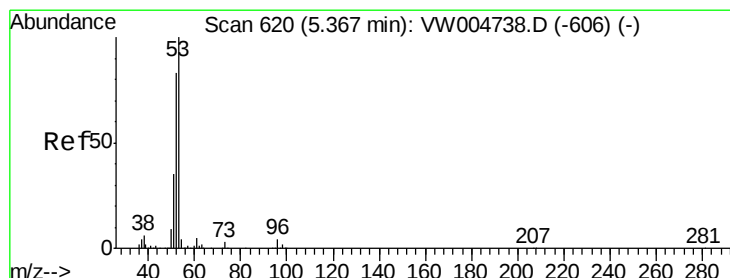
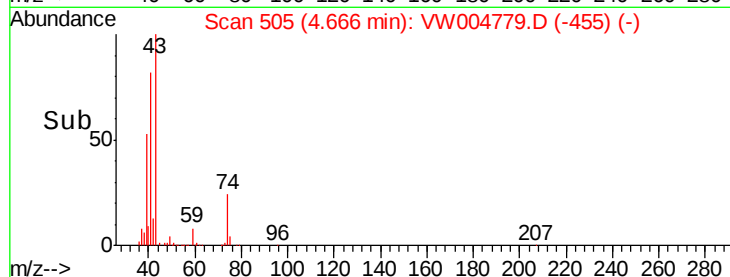
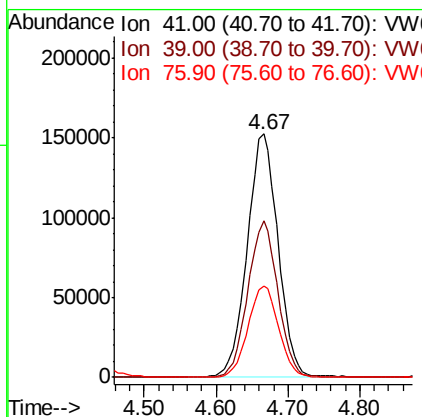
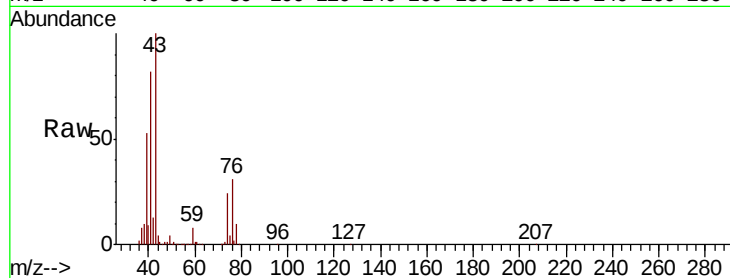




#14
 Allvl chloride
 Concen: 54.46 ug/l
 RT: 4.67 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

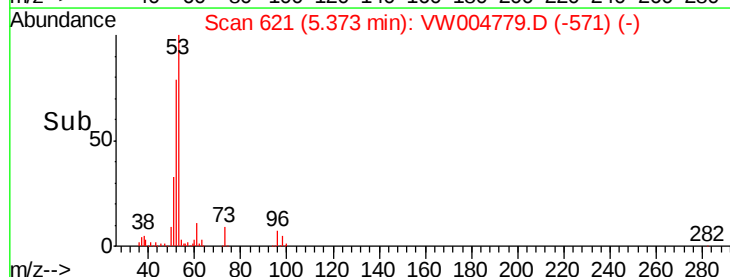
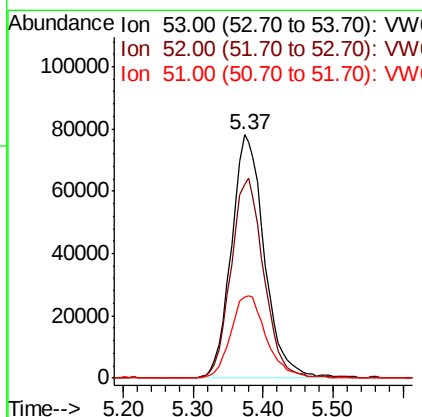
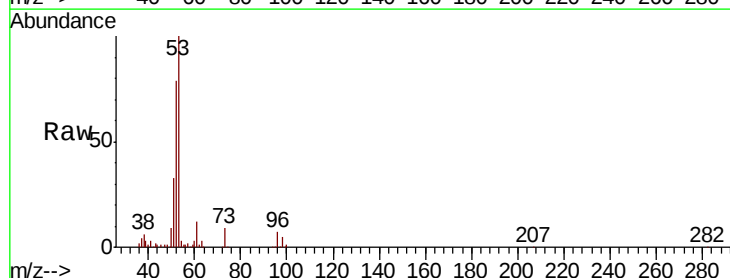
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

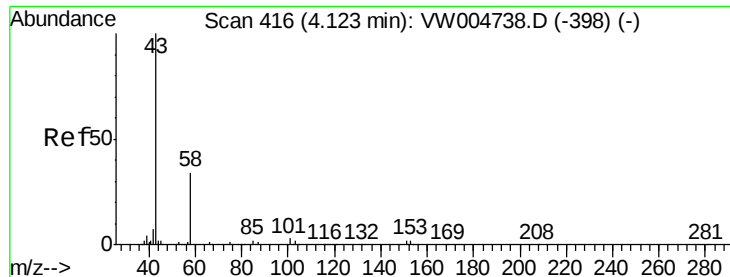
Tot Ion	Ratio	Lower	Upper
41	100		
39	62.5	50.0	75.0
76	36.9	29.8	44.6



#15
 Acrylonitrile
 Concen: 210.90 ug/l
 RT: 5.37 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.8	98.6
51	36.4	28.7	43.1





#16

Acetone

Concen: 185.49 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

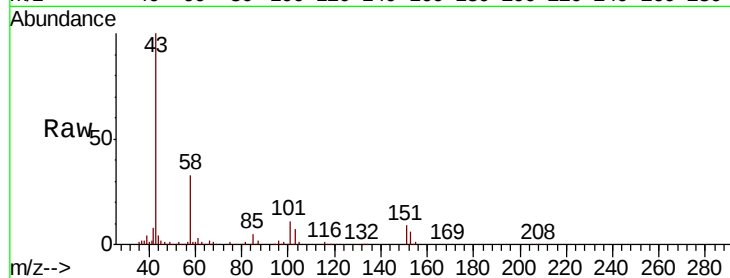
TOD1-SB-01-0-2MS

Tot Ion: 43 Resp: 243701

Ion Ratio Lower Upper

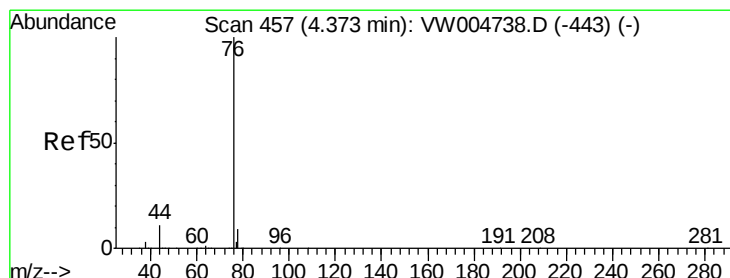
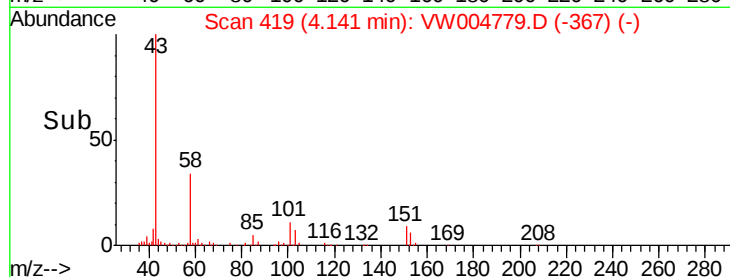
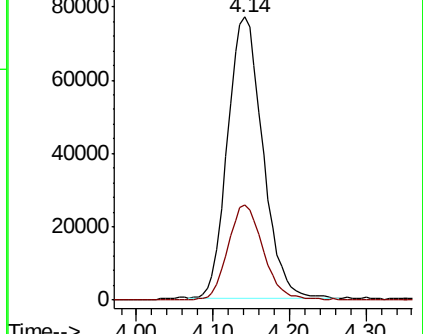
43 100

58 33.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 52.80 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004779.D

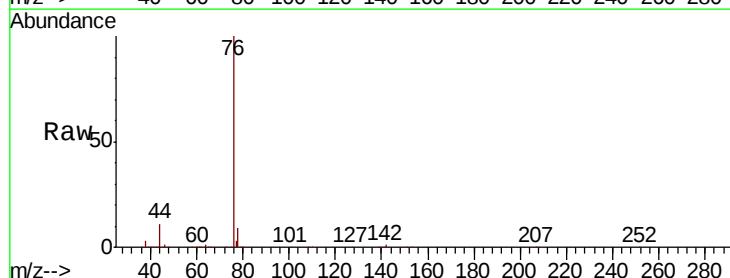
Acq: 18 Aug 2018 13:22

Tgt Ion: 76 Resp: 951893

Ion Ratio Lower Upper

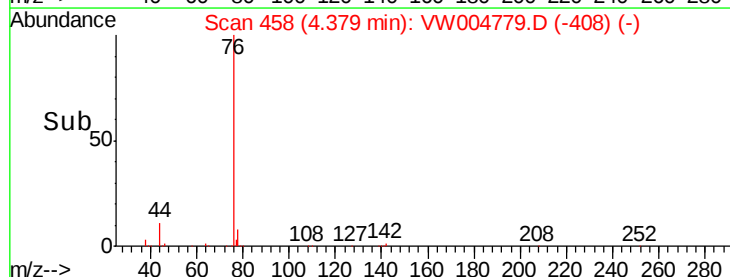
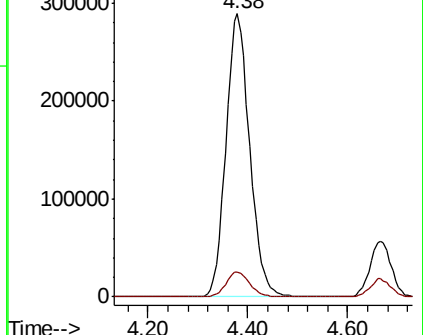
76 100

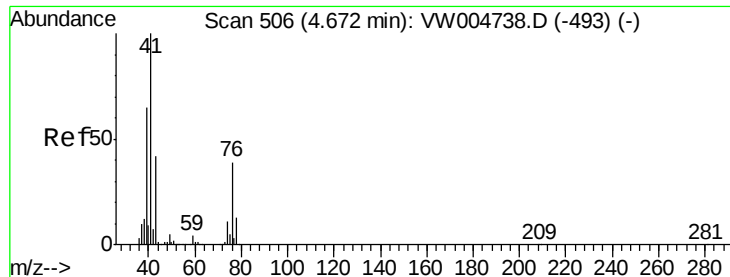
78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

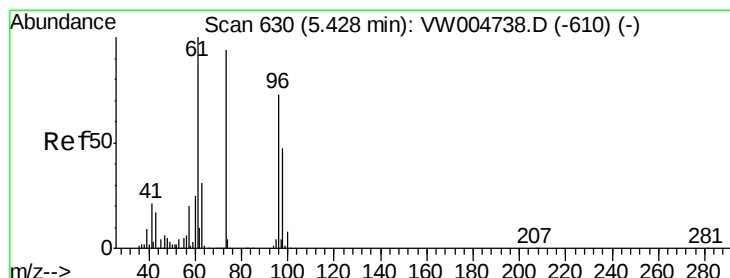
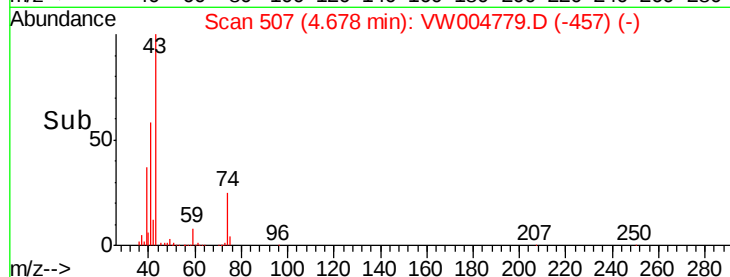
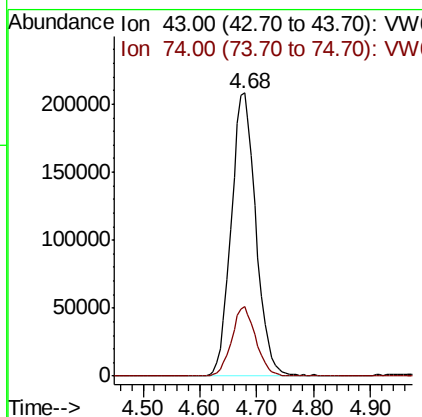
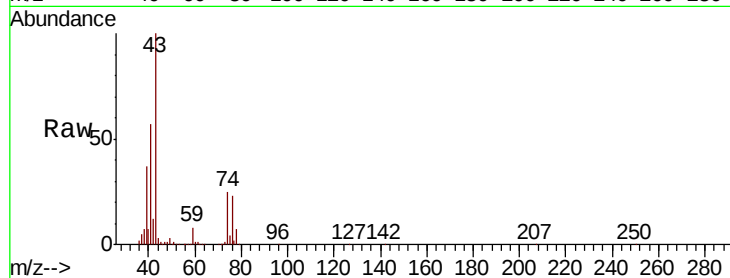




#18
Methyl Acetate
Concen: 224.18 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

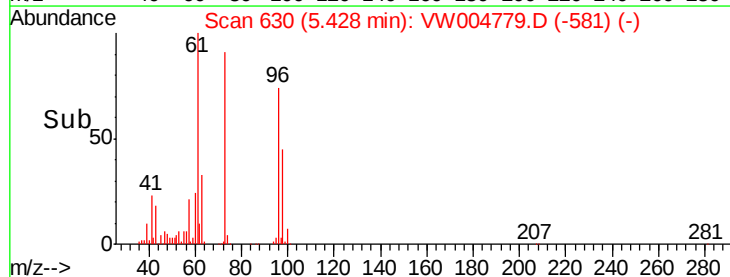
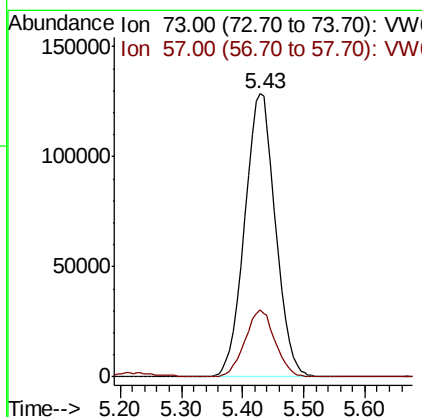
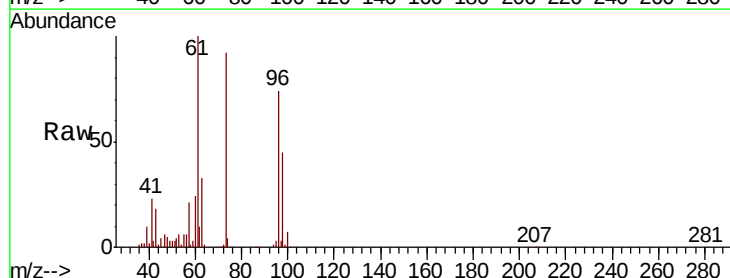
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

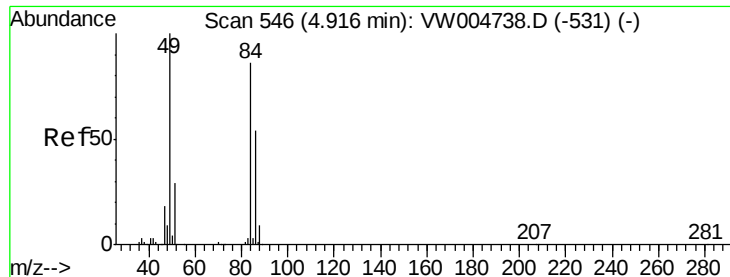
Tot Ion: 43 Resp: 631156
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



#19
Methyl tert-butyl Ether
Concen: 63.27 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion: 73 Resp: 450557
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9

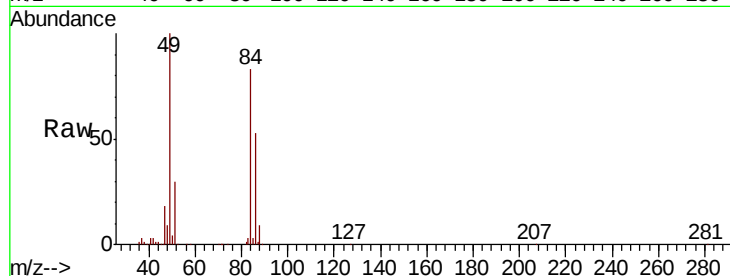




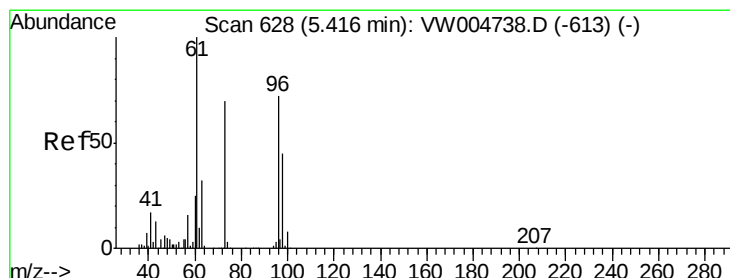
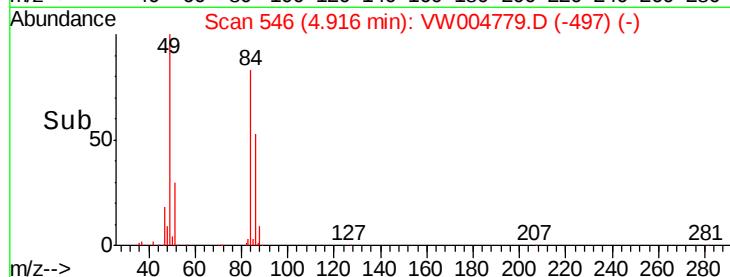
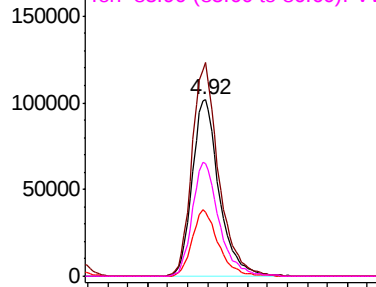
#20
Methvlene Chloride
Concen: 64.90 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion:	84	Resp:	381605
Ion	Ratio	Lower	Upper
84	100		
49	120.9	93.2	139.8
51	36.2	27.4	41.0
86	63.8	50.6	75.8

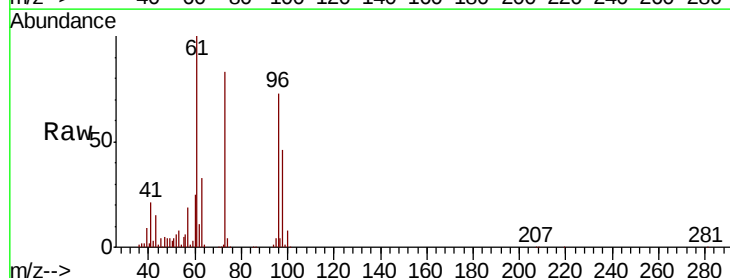


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

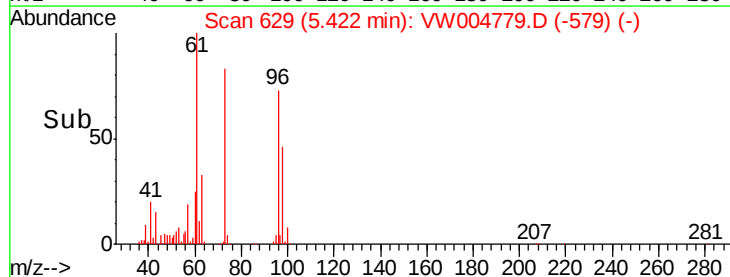
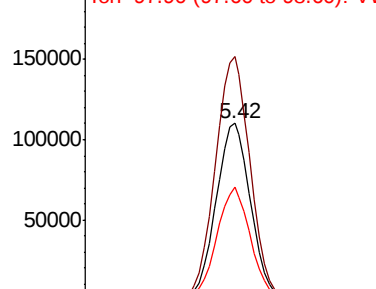


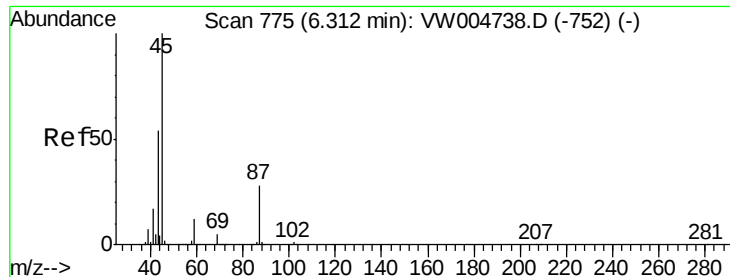
#21
trans-1,2-Dichloroethene
Concen: 56.10 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.01 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion:	96	Resp:	327426
Ion	Ratio	Lower	Upper
96	100		
61	137.8	111.4	167.0
98	63.8	49.7	74.5



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



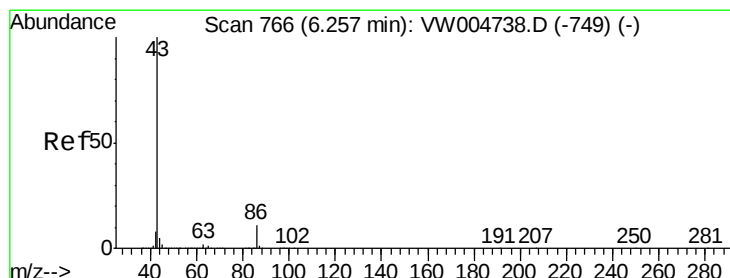
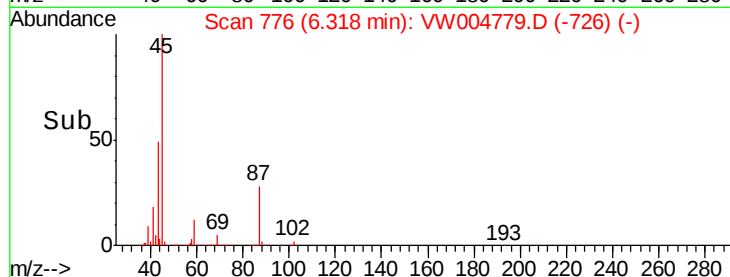
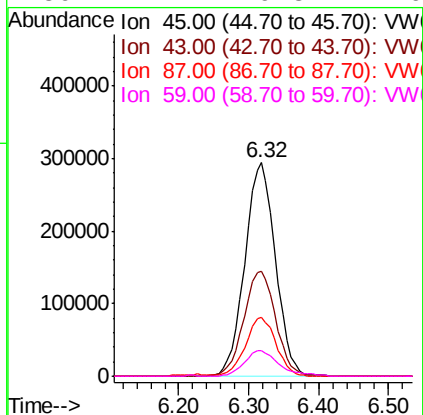
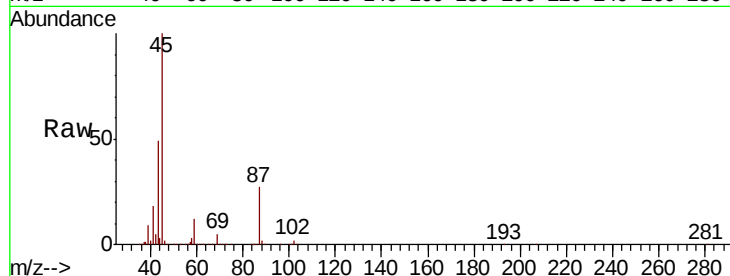


#22

Diisopropyl ether
 Concen: 55.90 ug/l
 RT: 6.32 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

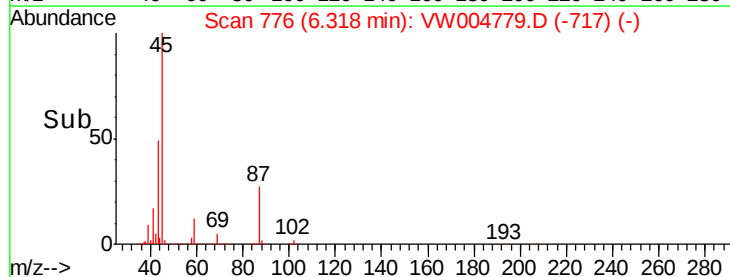
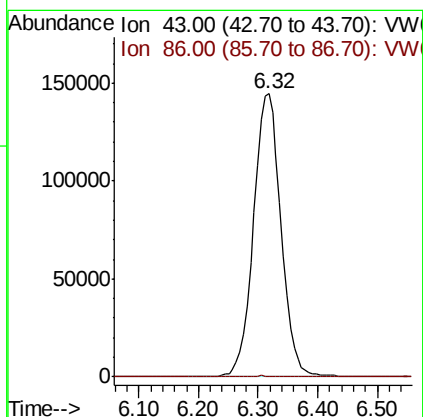
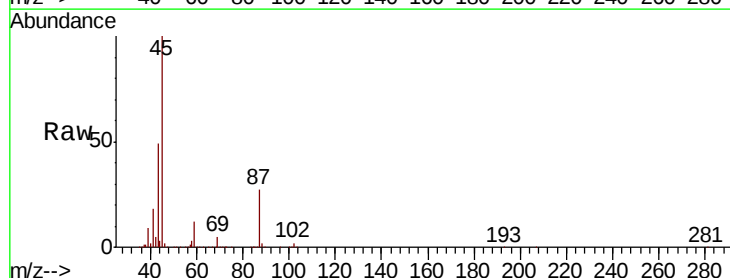
Tot Ion:	45	Resp:	894473
Ion	Ratio	Lower	Upper
45	100		
43	49.0	43.0	64.6
87	27.4	22.2	33.4
59	12.1	9.8	14.6

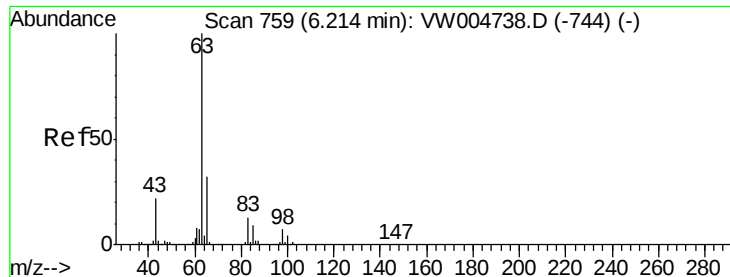


#23

Vinyl Acetate
 Concen: 50.98 ug/l
 RT: 6.32 min Scan# 776
 Delta R.T. 0.06 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion:	43	Resp:	461414
Ion	Ratio	Lower	Upper
43	100		
86	0.3	8.5	12.7#





#24

1,1-Dichloroethane

Concen: 56.71 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

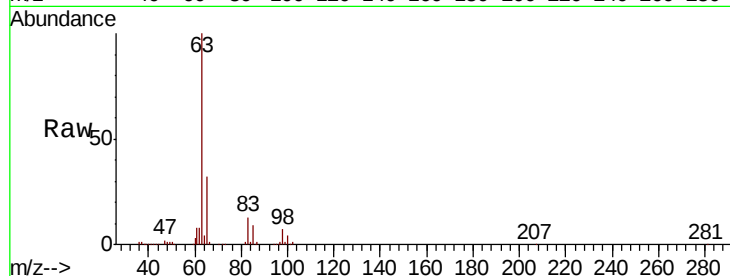
Tot Ion: 63 Resp: 589742

Ion Ratio Lower Upper

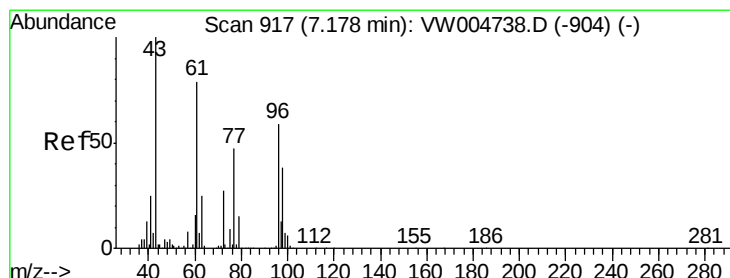
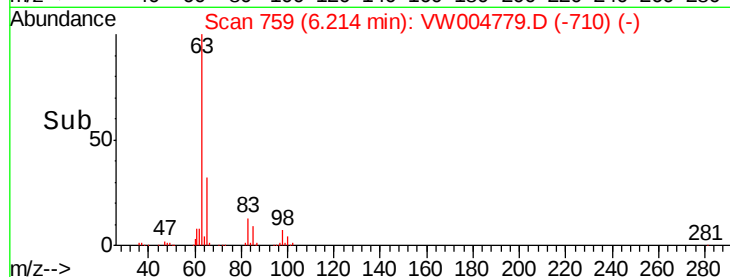
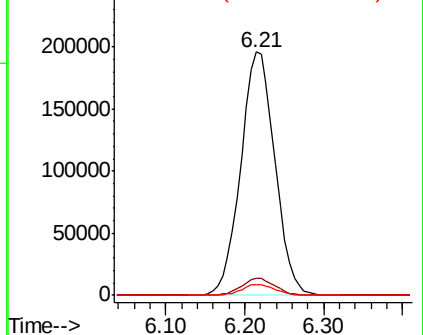
63 100

98 6.8 3.5 10.4

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 73.73 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004779.D

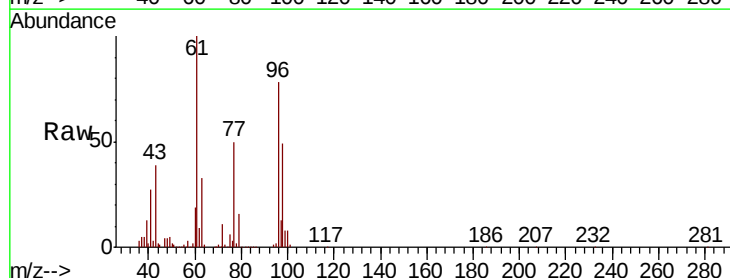
Acq: 18 Aug 2018 13:22

Tgt Ion: 43 Resp: 138018

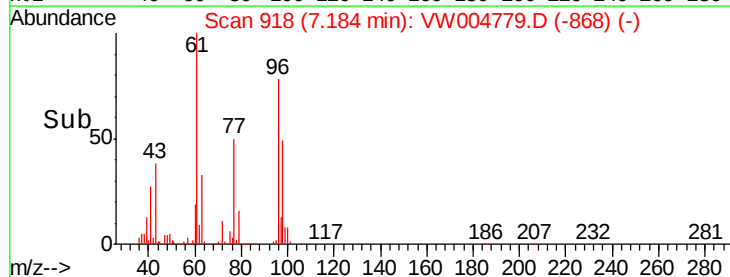
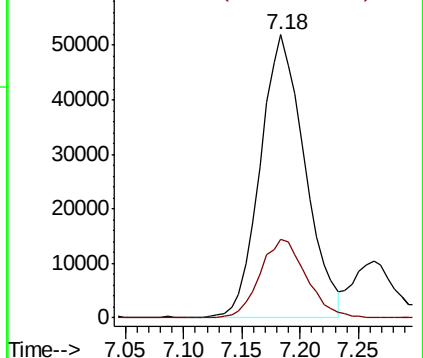
Ion Ratio Lower Upper

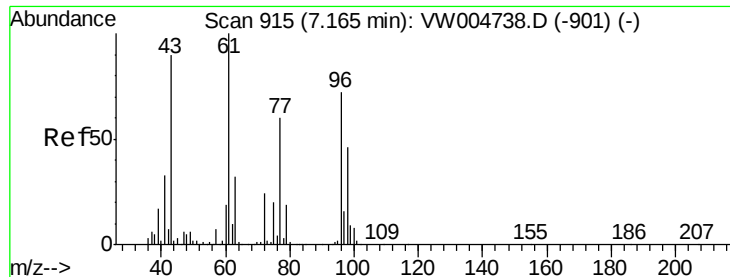
43 100

72 27.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 42.70 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

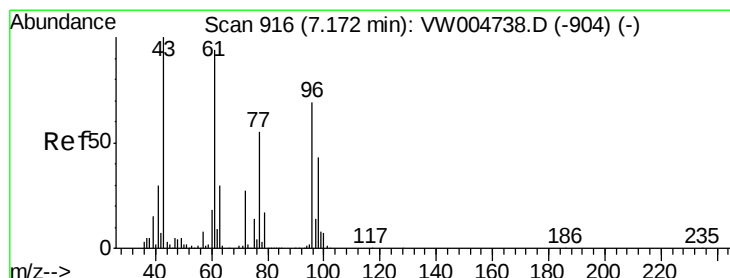
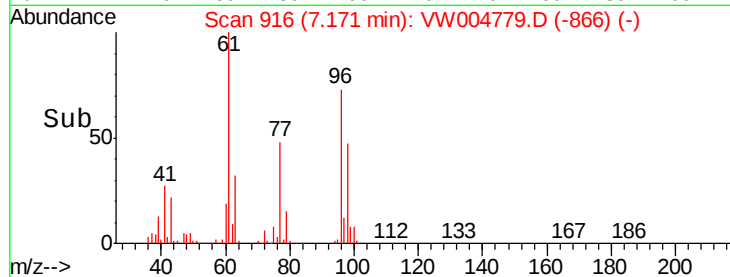
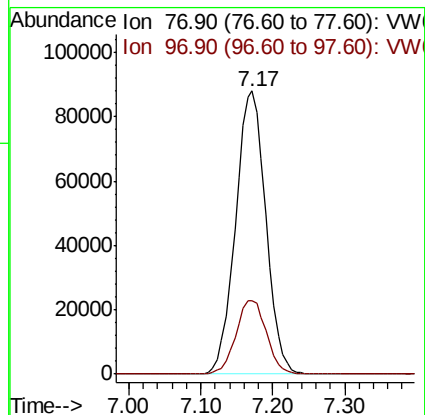
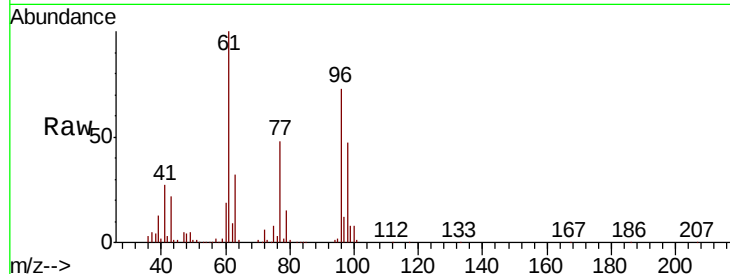
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion: 77 Resp: 256475

Ion Ratio Lower Upper

77 100

97 26.2 12.6 37.8



#27

cis-1,2-Dichloroethene

Concen: 55.37 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

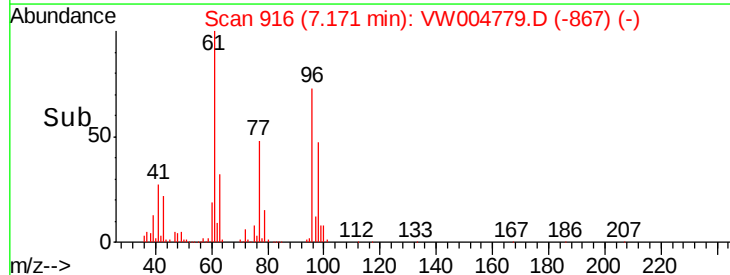
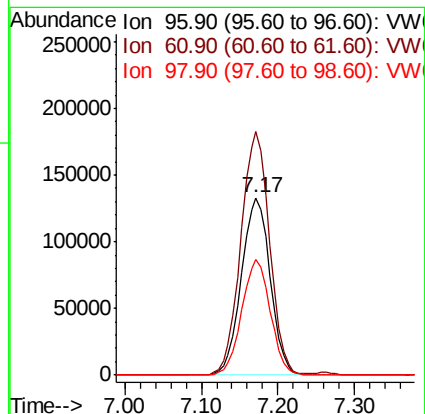
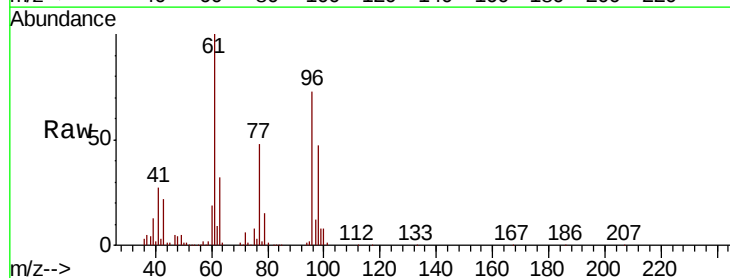
Tgt Ion: 96 Resp: 347955

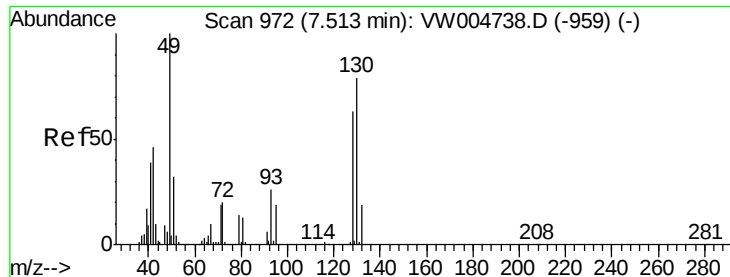
Ion Ratio Lower Upper

96 100

61 136.8 0.0 277.6

98 64.3 0.0 127.4





#28

Bromochloromethane

Concen: 60.50 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

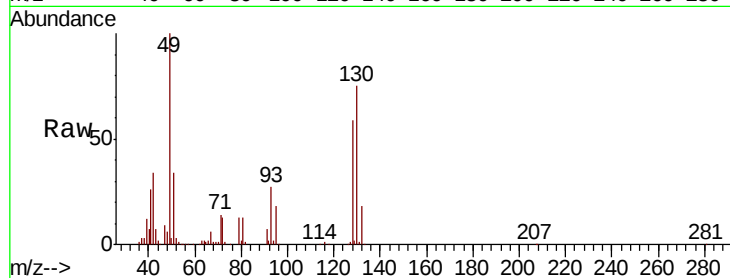
Tot Ion: 49 Resp: 264932

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

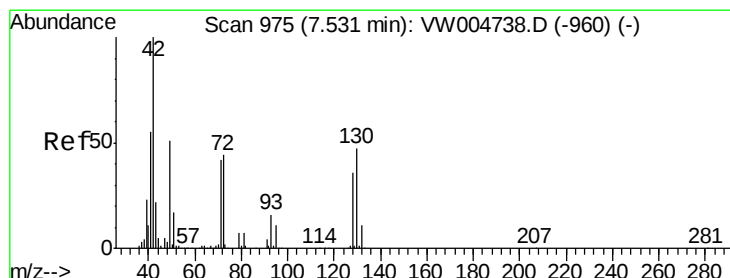
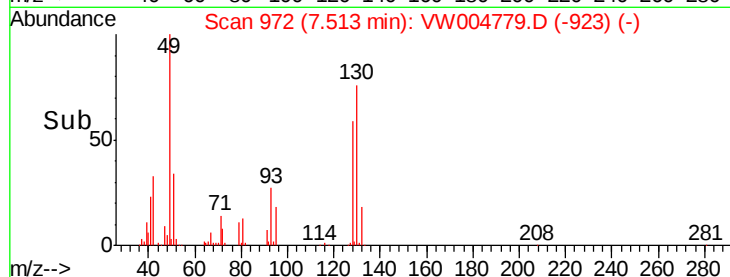
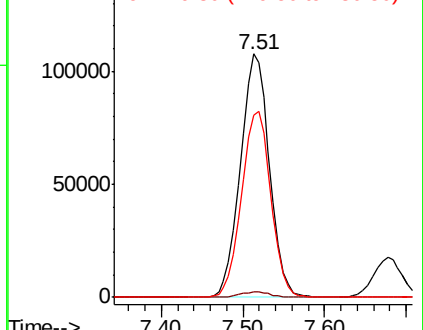
130 77.7 63.7 95.5



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): VW

Ion 129.80 (129.50 to 130.50): VW



#29

Tetrahydrofuran

Concen: 329.39 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

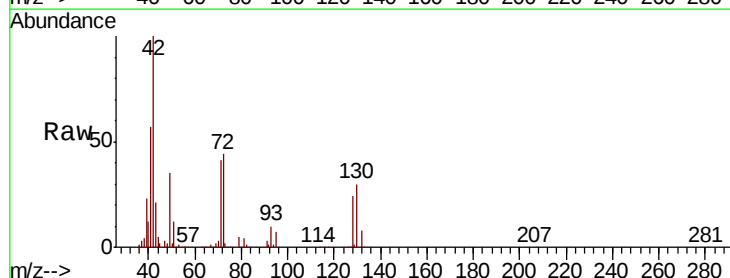
Tgt Ion: 42 Resp: 314419

Ion Ratio Lower Upper

42 100

72 43.5 34.9 52.3

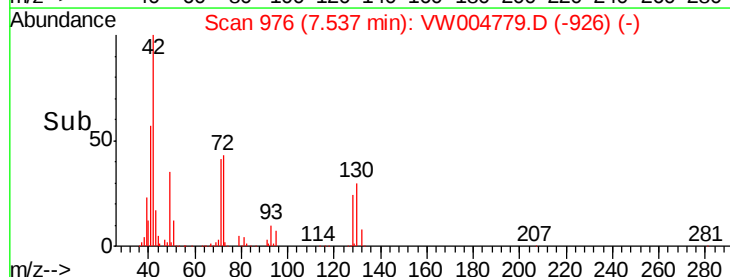
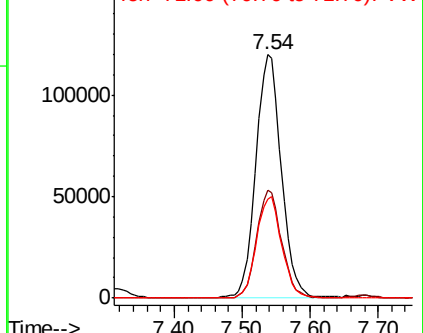
71 41.4 33.8 50.6

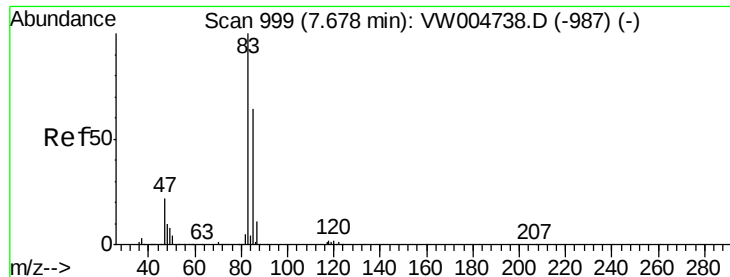


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

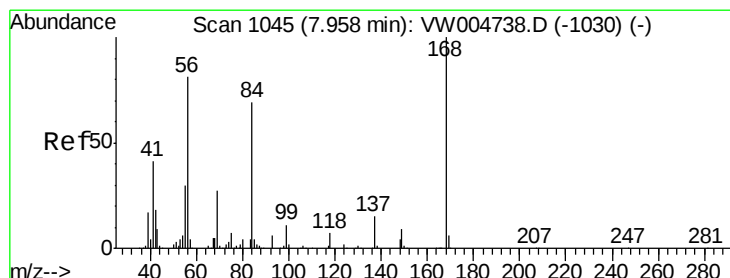
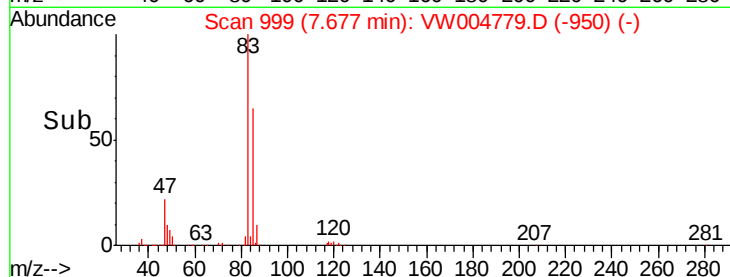
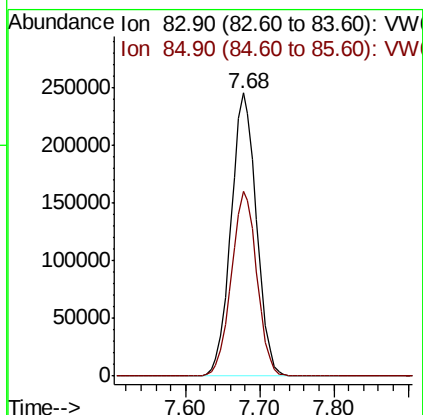
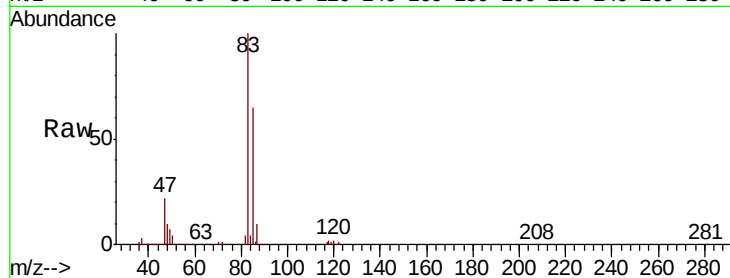




#30
Chloroform
Concen: 57.42 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

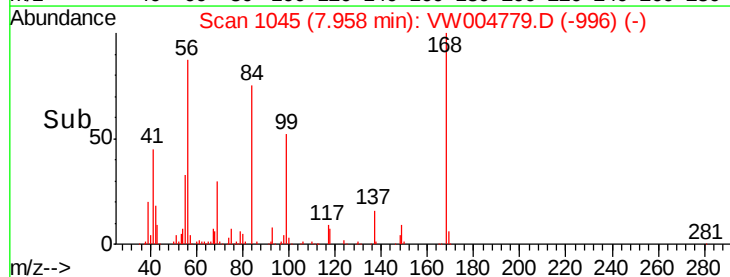
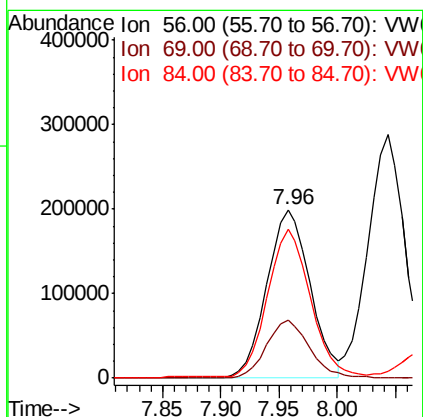
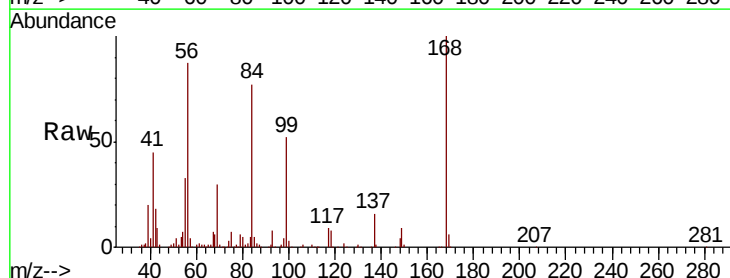
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

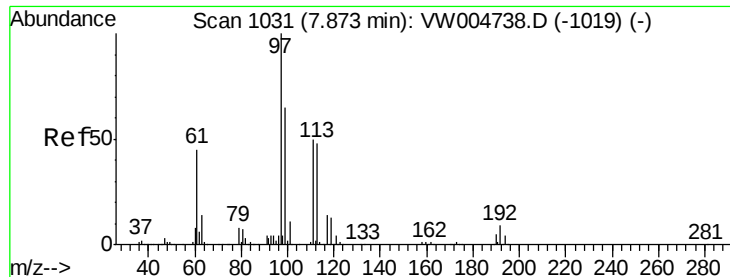
Tot Ion: 83 Resp: 587214
Ion Ratio Lower Upper
83 100
85 65.4 51.0 76.6



#31
Cyclohexane
Concen: 51.13 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion: 56 Resp: 514307
Ion Ratio Lower Upper
56 100
69 34.4 27.1 40.7
84 87.5 68.3 102.5





#32

1,1,1-Trichloroethane

Concen: 55.44 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

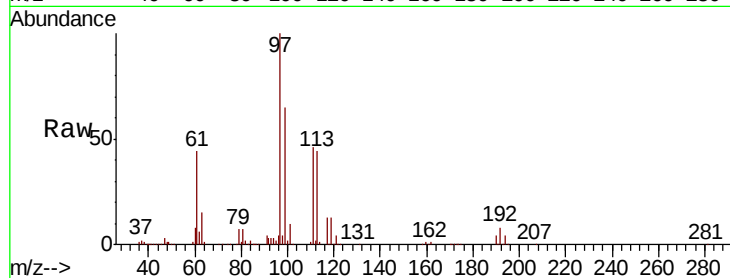
Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion: 97 Resp: 449431

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	44.0	34.4	51.6

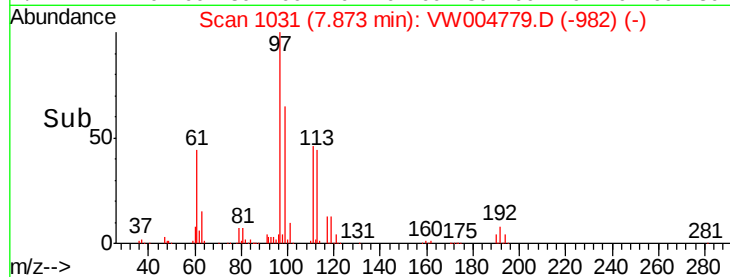


Abundance

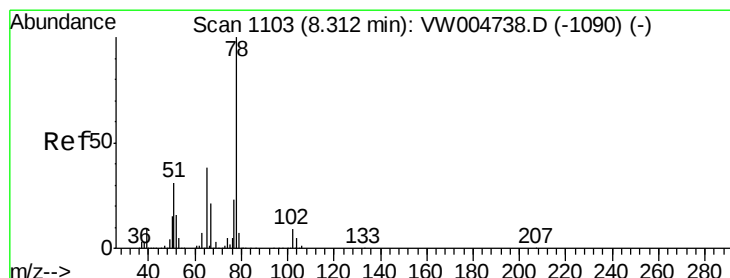
Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.10 ug/l

RT: 8.31 min Scan# 1103

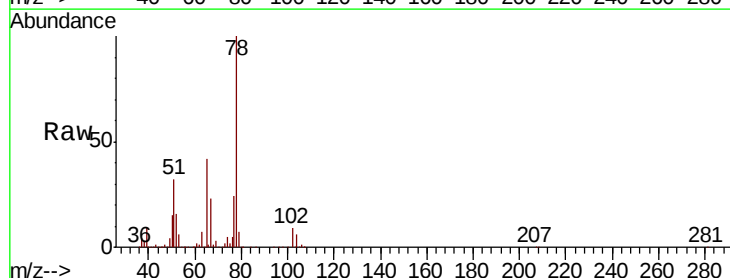
Delta R.T. -0.00 min

Lab File: VW004779.D

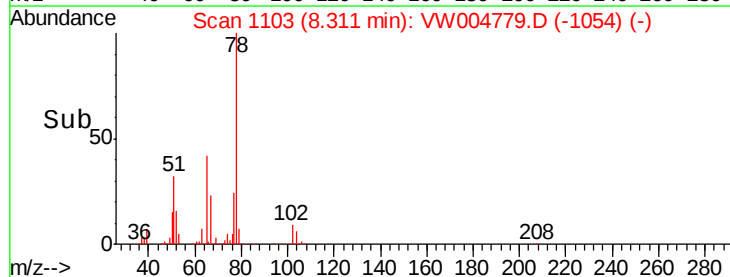
Acq: 18 Aug 2018 13:22

Tgt Ion: 65 Resp: 299040

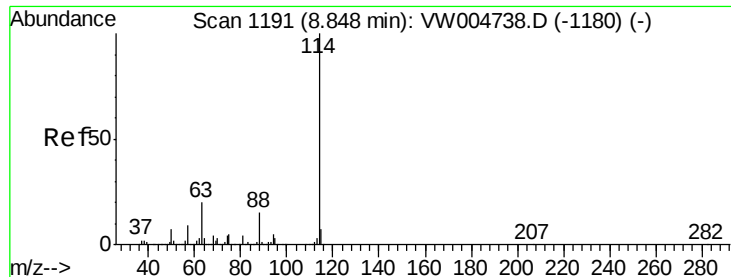
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.4



Abundance



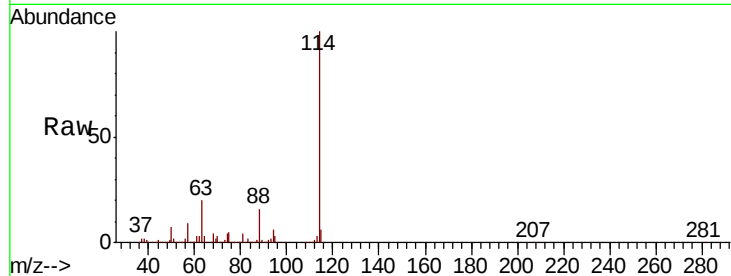
Time-->



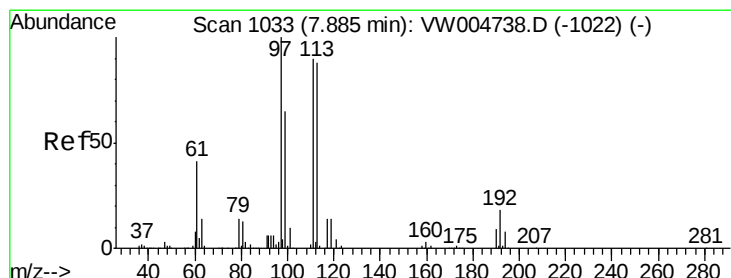
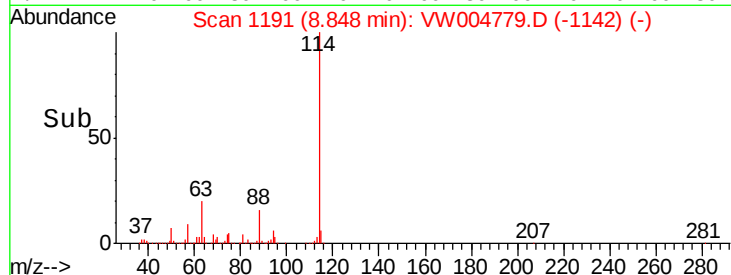
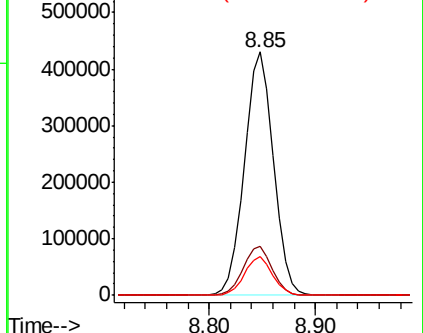
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	15.8	0.0	30.0

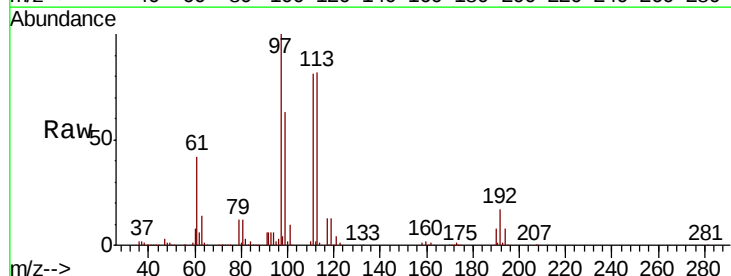


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

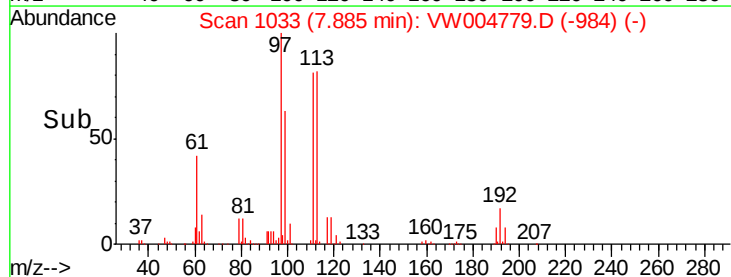
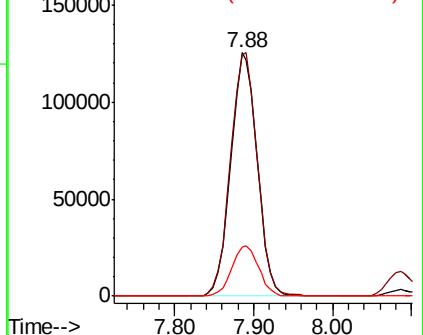


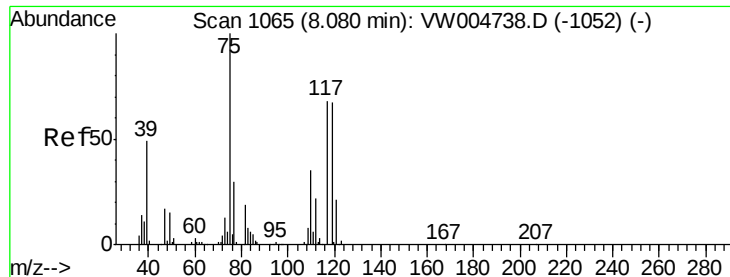
#35
 Dibromofluoromethane
 Concen: 55.33 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	21.0	16.7	25.1



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

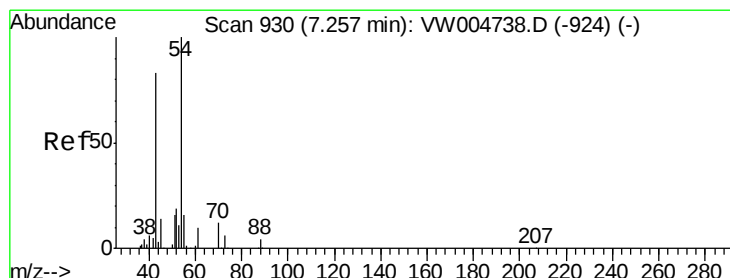
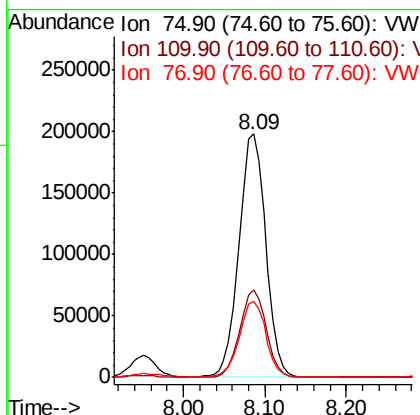
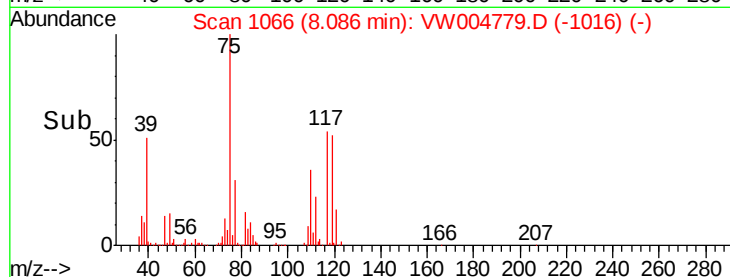
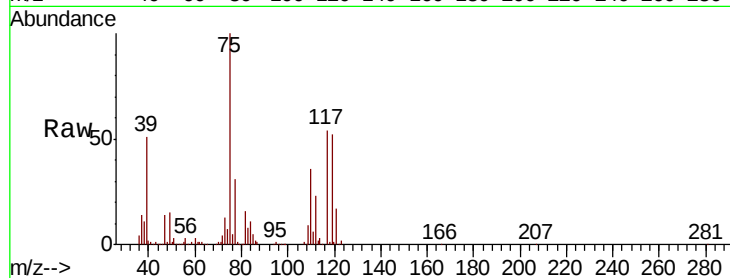




#36
 1,1-Dichloropropene
 Concen: 53.09 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

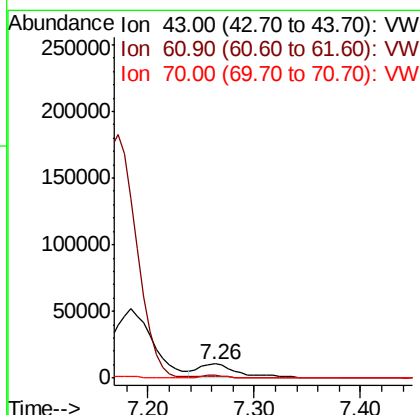
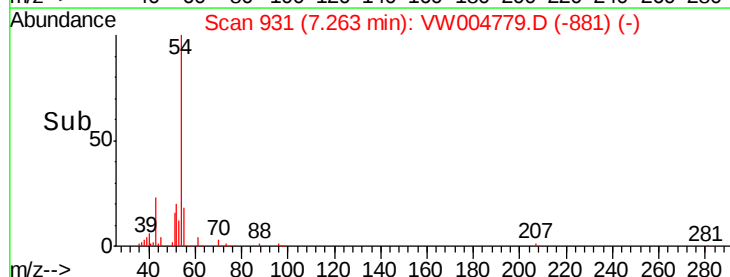
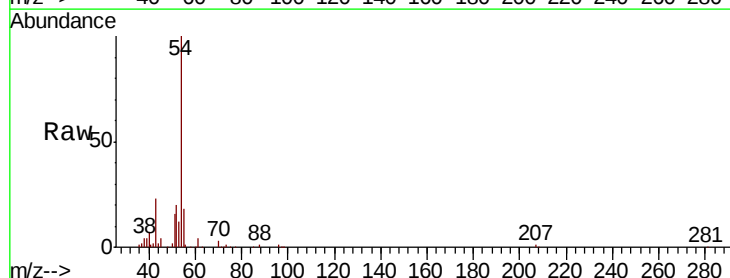
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

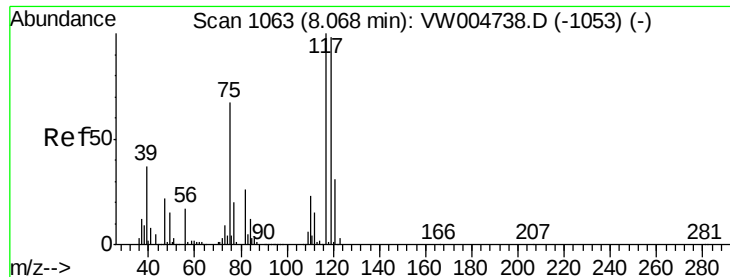
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.8	53.5
77	31.1	24.9	37.3



#37
 Ethyl Acetate
 Concen: 8.19 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	10.4	9.2	13.8

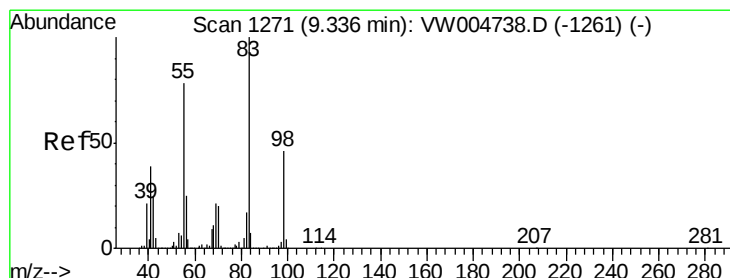
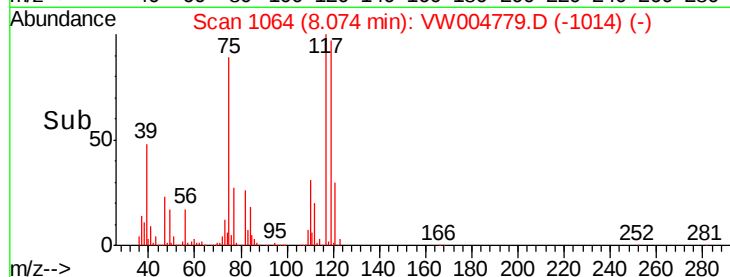
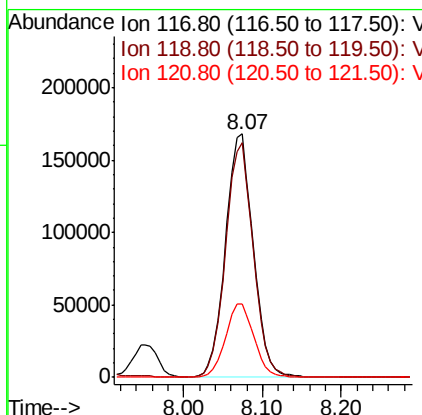
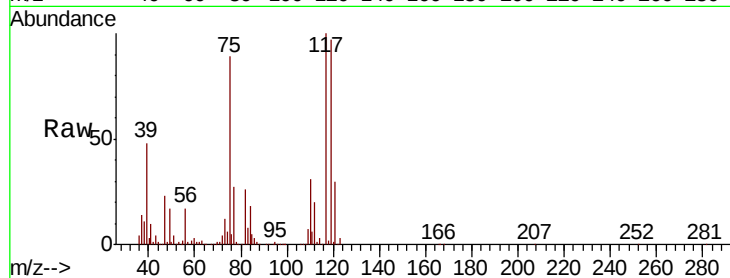




#38
Carbon Tetrachloride
Concen: 52.70 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

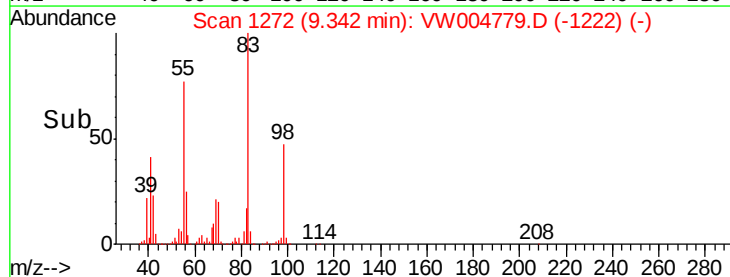
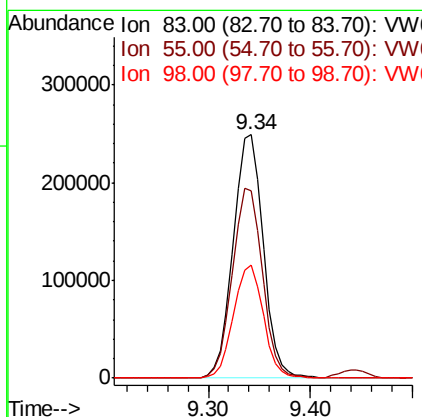
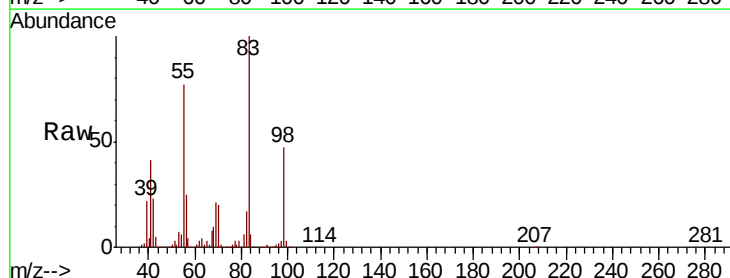
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

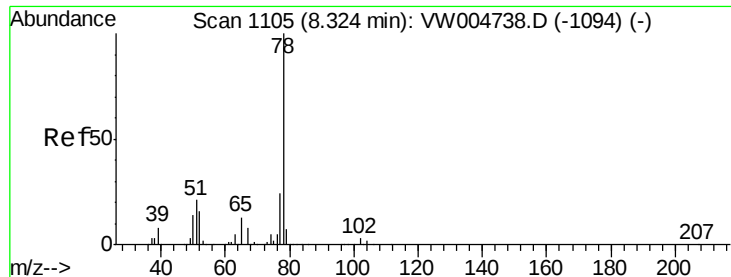
Tot Ion:117 Resp: 412549
Ion Ratio Lower Upper
117 100
119 96.5 78.0 117.0
121 30.1 24.8 37.2



#39
Methylcyclohexane
Concen: 47.84 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion: 83 Resp: 508803
Ion Ratio Lower Upper
83 100
55 76.8 62.4 93.6
98 46.6 36.5 54.7





#40

Benzene

Concen: 53.41 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

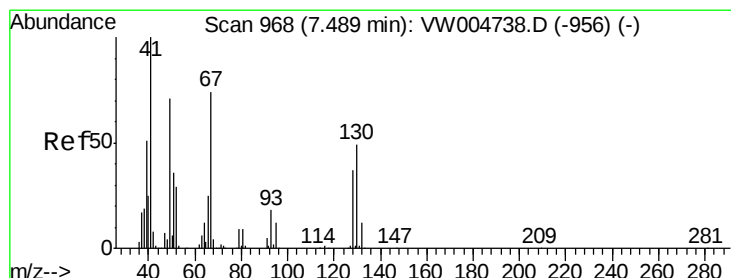
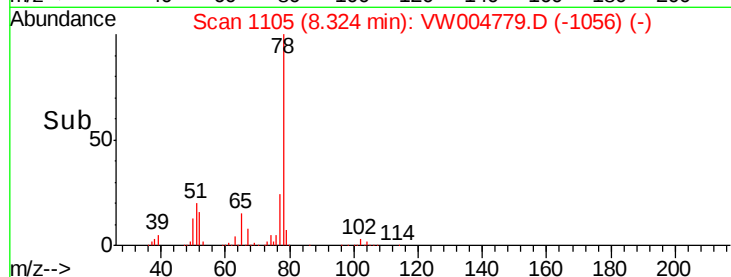
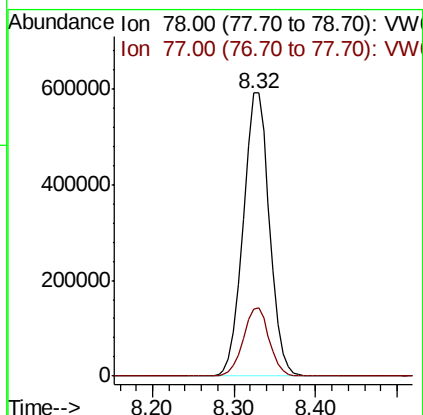
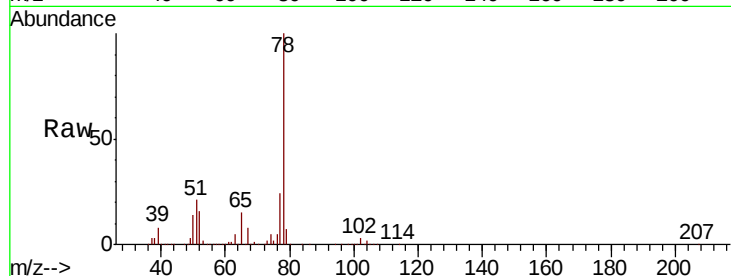
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion: 78 Resp: 1319838

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



#41

Methacrylonitrile

Concen: 120.20 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.05 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Tgt Ion: 41 Resp: 231233

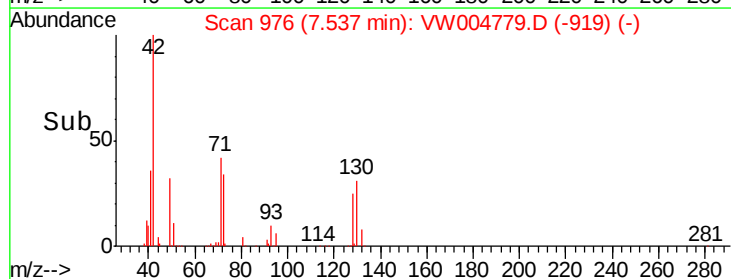
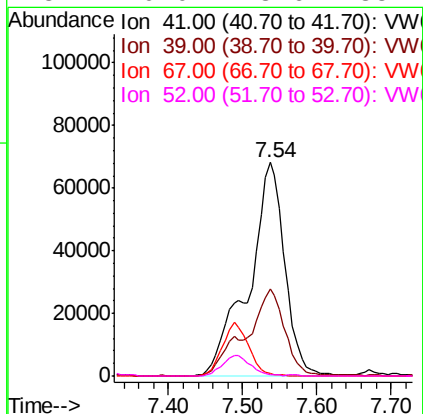
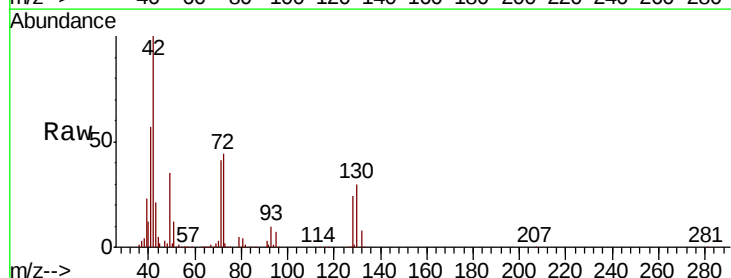
Ion Ratio Lower Upper

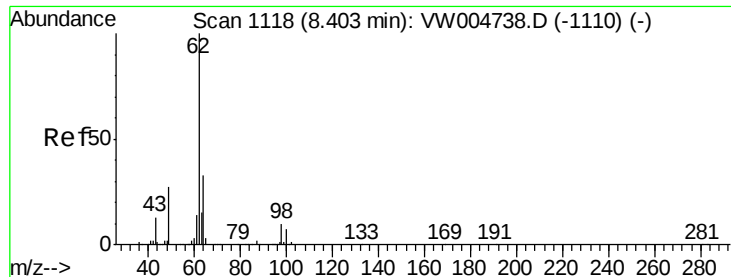
41 100

39 32.6 41.0 61.4#

67 0.0 59.5 89.3#

52 0.0 23.6 35.4#





#42

1,2-Dichloroethane

Concen: 58.15 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

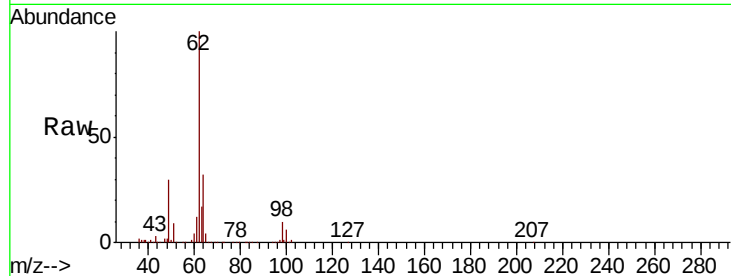
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion: 62 Resp: 368537

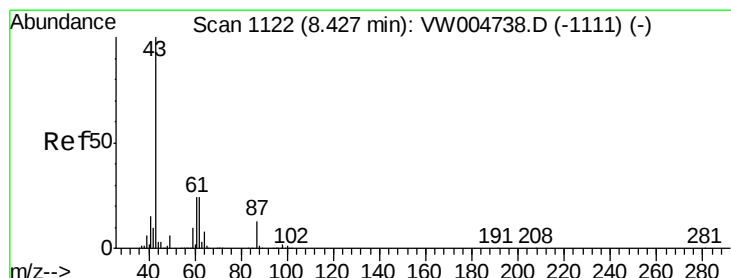
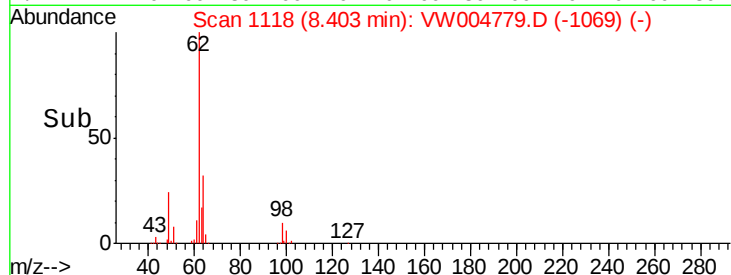
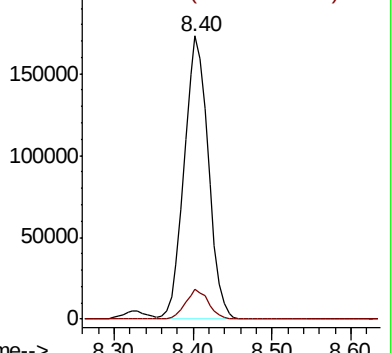
Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.2



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



#43

Isopropyl Acetate

Concen: 17.85 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

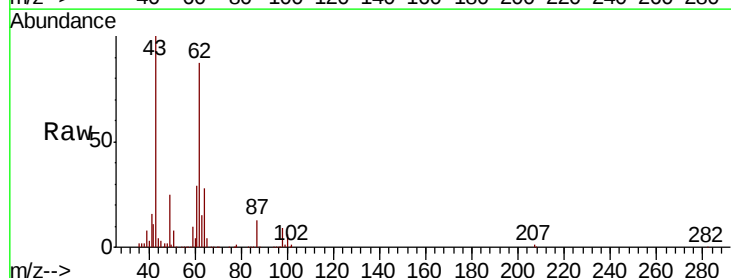
Tgt Ion: 43 Resp: 108692

Ion Ratio Lower Upper

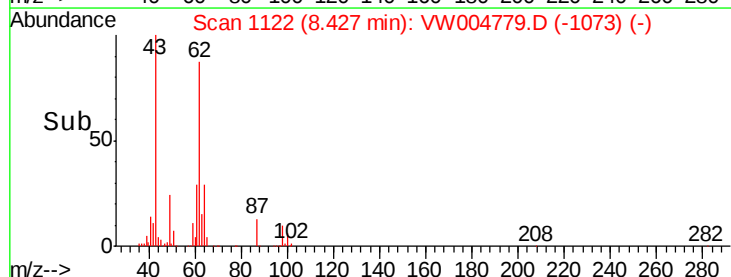
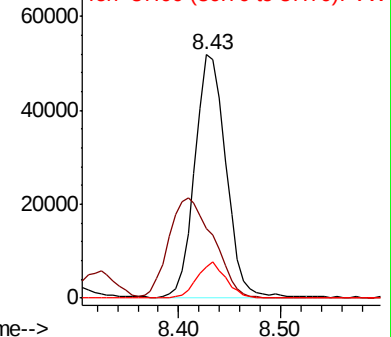
43 100

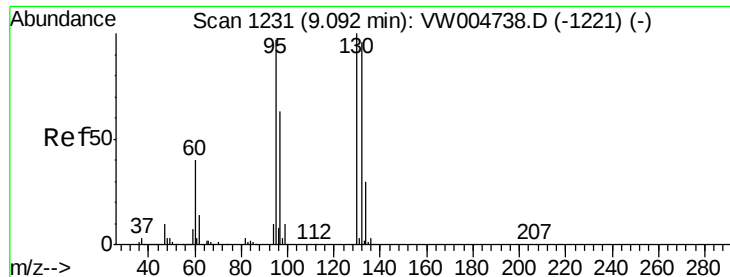
61 0.0 26.2 39.4#

87 13.9 10.9 16.3



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: 51.65 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

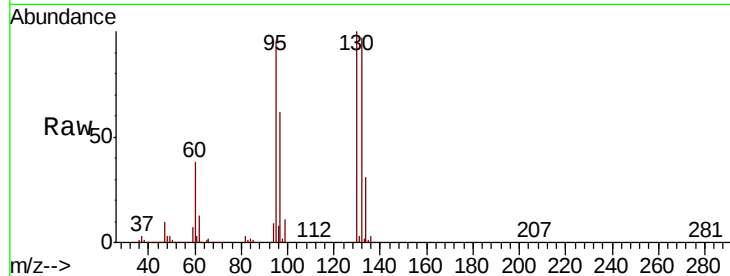
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion:130 Resp: 324036

Ion Ratio Lower Upper

130 100

95 95.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

9.10

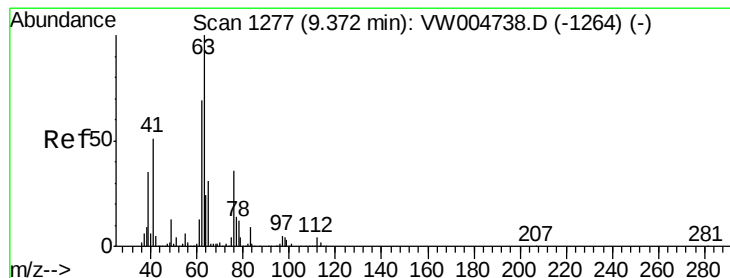
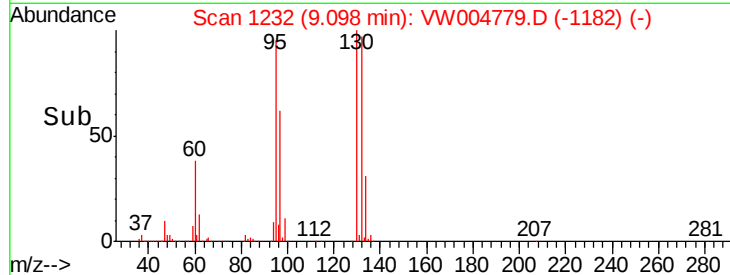
150000

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 55.46 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004779.D

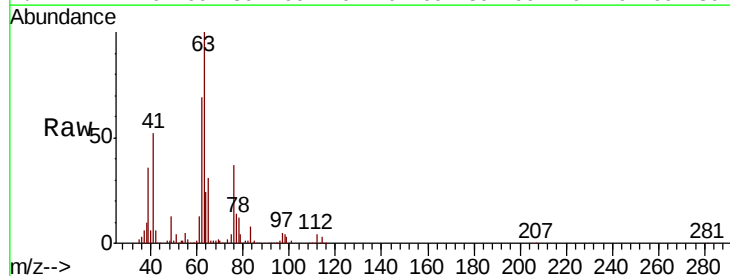
Acq: 18 Aug 2018 13:22

Tgt Ion: 63 Resp: 335245

Ion Ratio Lower Upper

63 100

65 31.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

200000

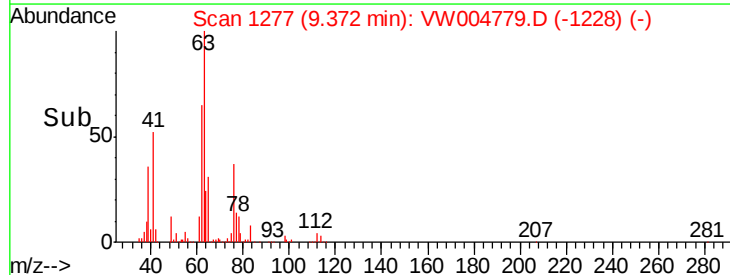
150000

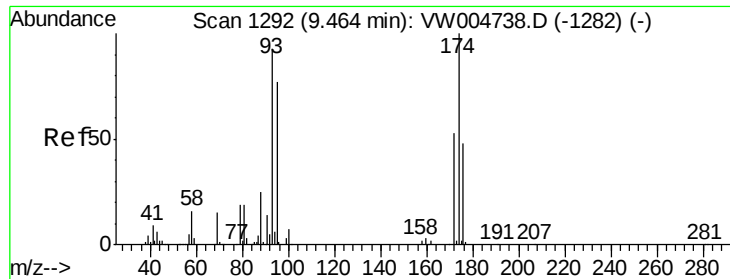
100000

50000

0

Time-->





#46

Dibromomethane

Concen: 57.22 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

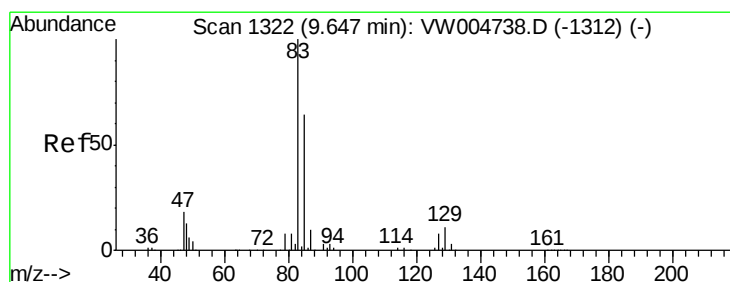
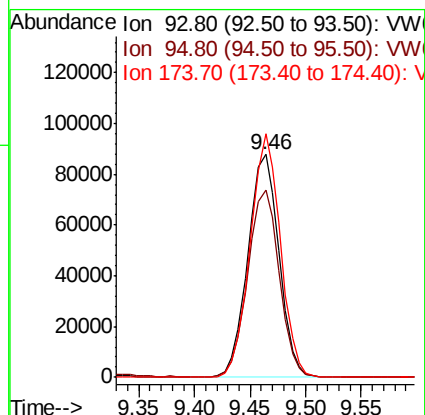
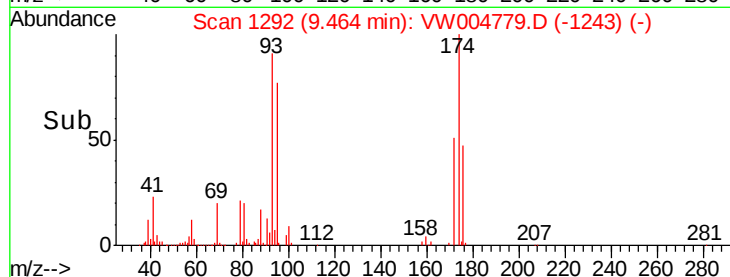
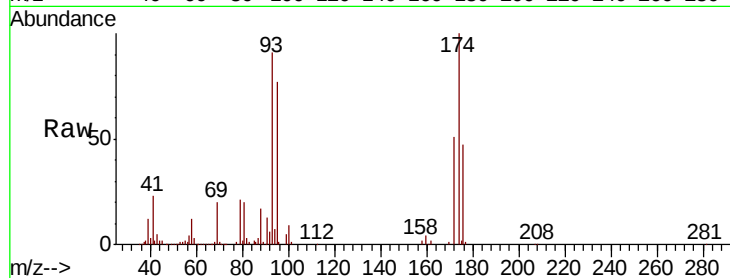
Tot Ion: 93 Resp: 171354

Ion Ratio Lower Upper

93 100

95 85.1 66.6 99.8

174 105.7 85.3 127.9



#47

Bromodichloromethane

Concen: 55.22 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

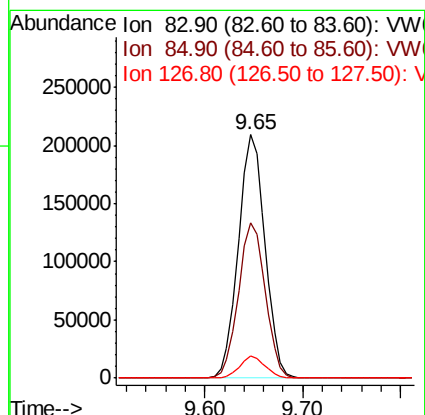
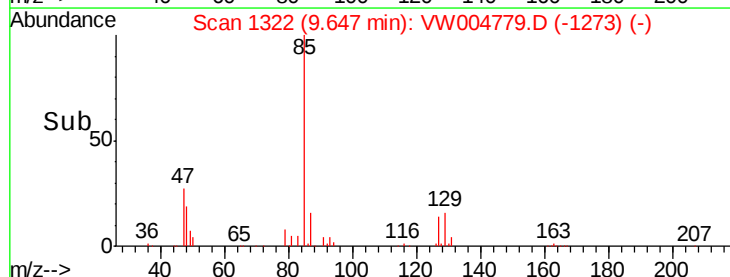
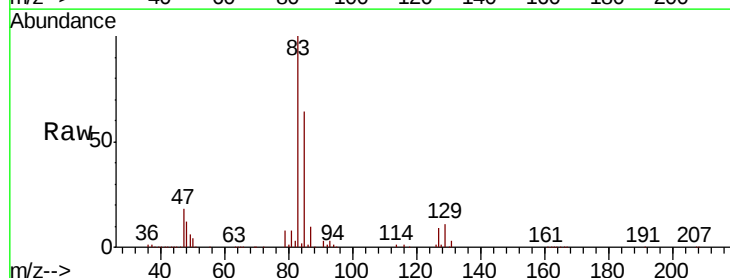
Tgt Ion: 83 Resp: 394918

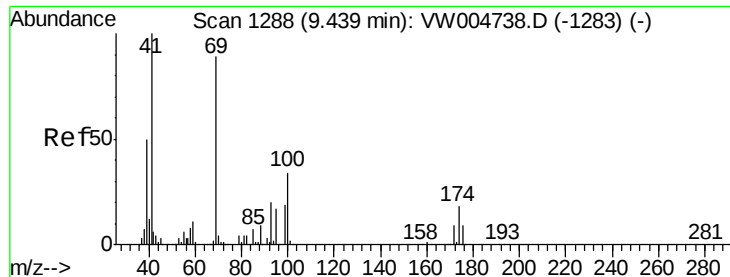
Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

127 8.9 6.7 10.1

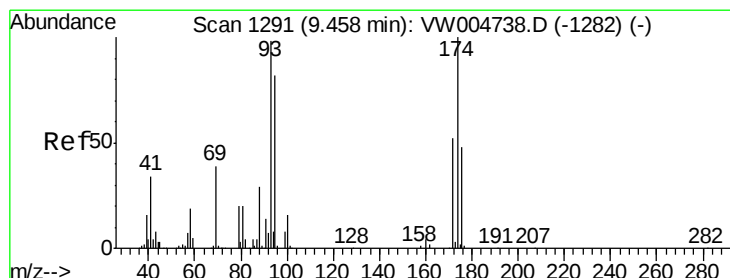
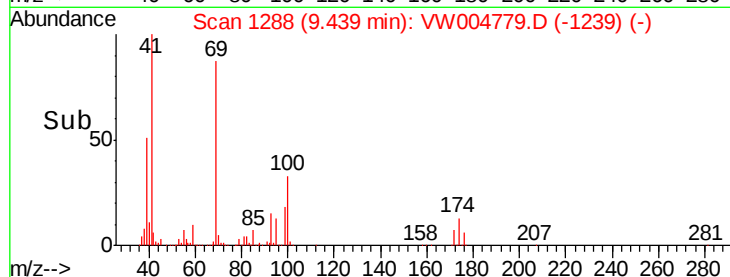
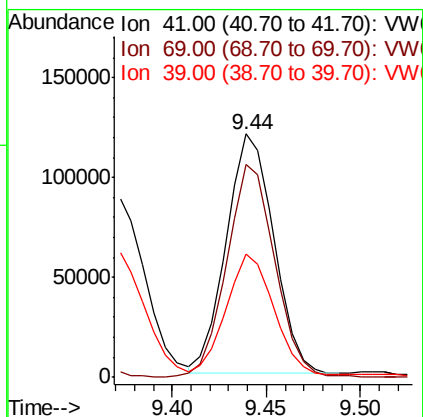
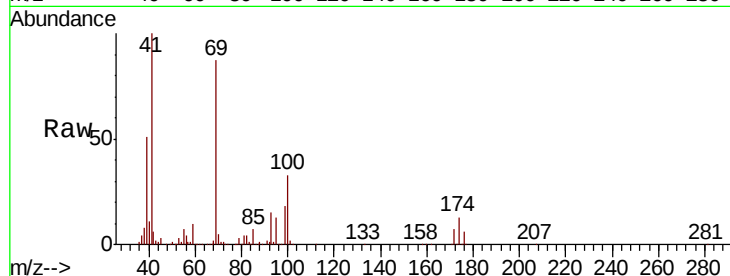




#48
Methvl methacrylate
Concen: 73.63 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

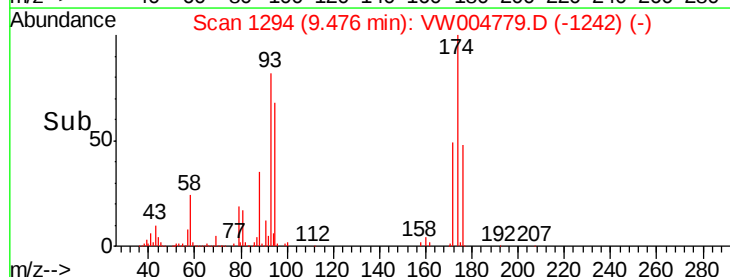
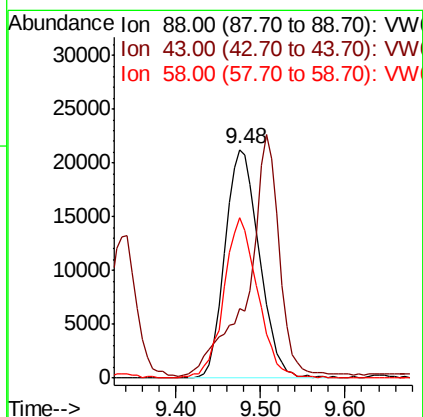
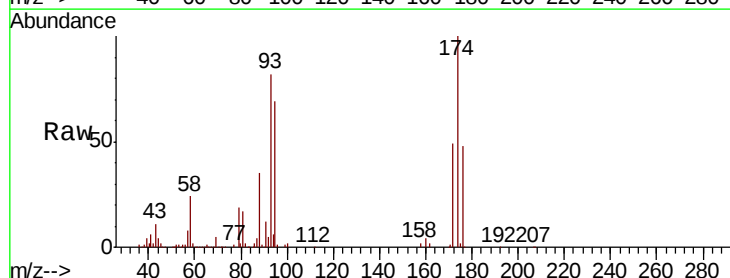
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

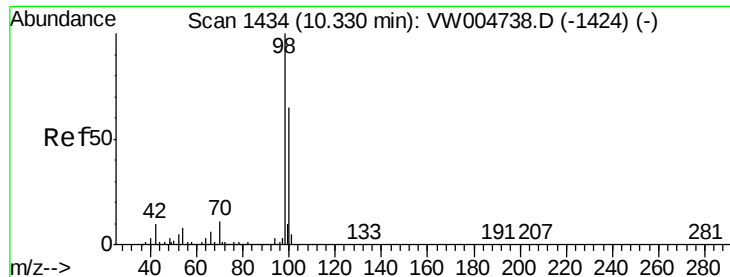
Tot Ion	Ratio	Lower	Upper
41	100		
69	89.2	75.2	112.8
39	52.4	39.8	59.6



#49
1,4-Dioxane
Concen: 1342.32 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	69.7	60.0	90.0





#50

Toluene-d8

Concen: 51.60 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

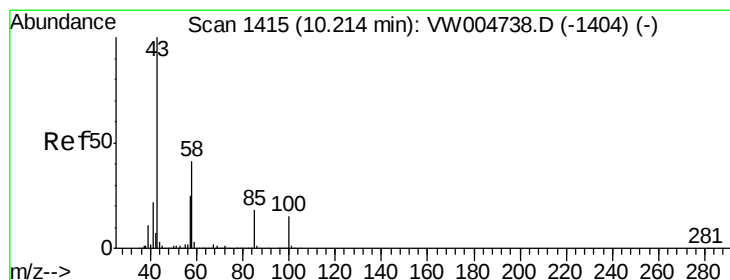
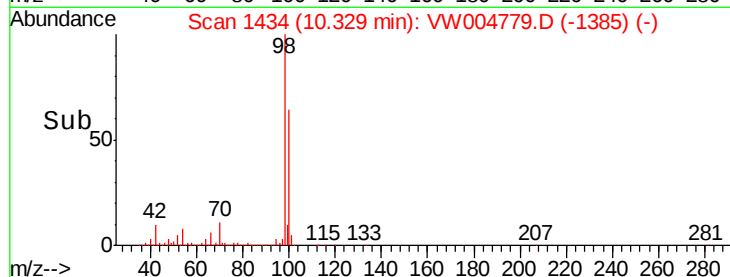
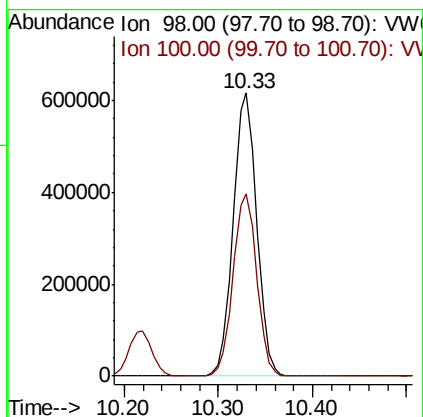
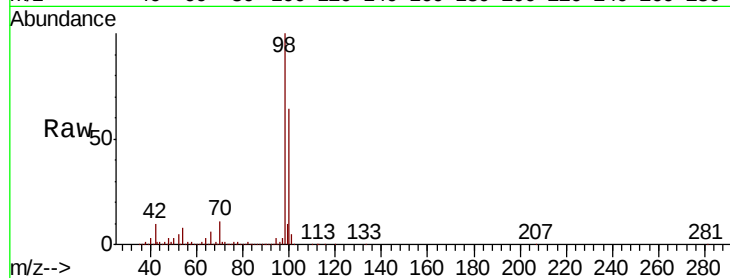
TOD1-SB-01-0-2MS

Tot Ion: 98 Resp: 1062692

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 269.22 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004779.D

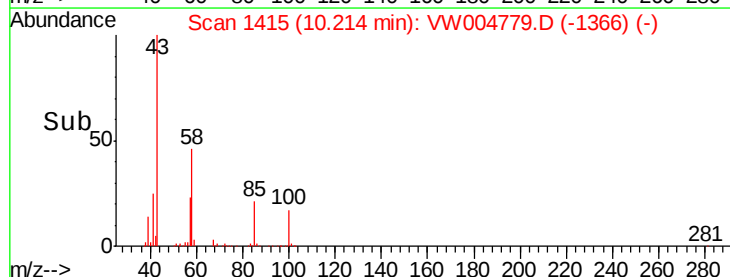
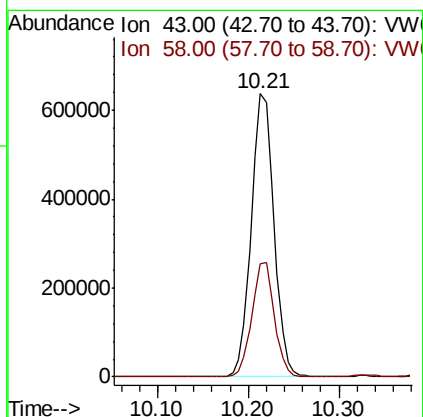
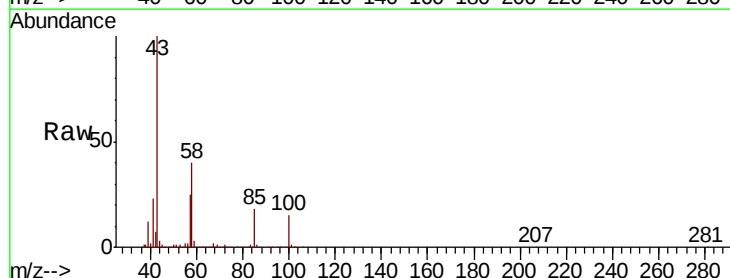
Acq: 18 Aug 2018 13:22

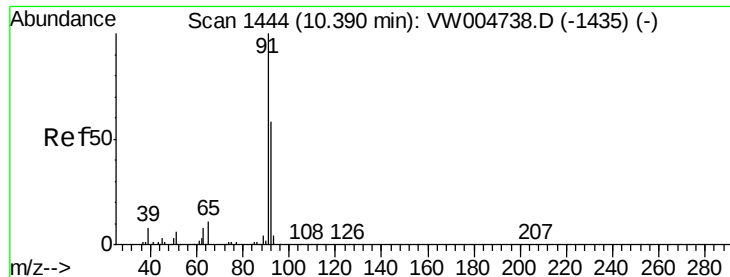
Tgt Ion: 43 Resp: 1107868

Ion Ratio Lower Upper

43 100

58 39.9 32.7 49.1





#52

Toluene

Concen: 51.93 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

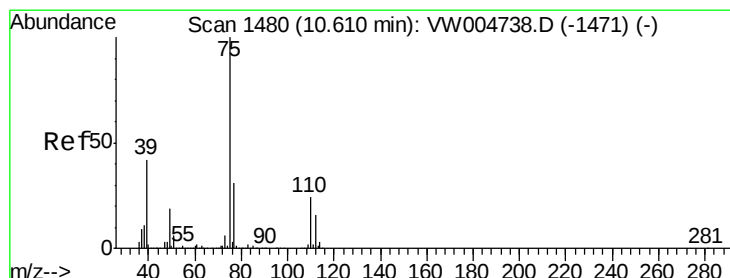
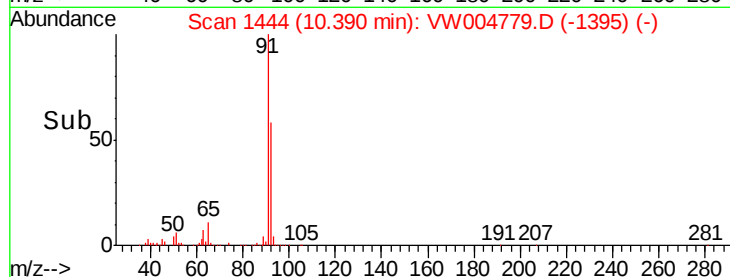
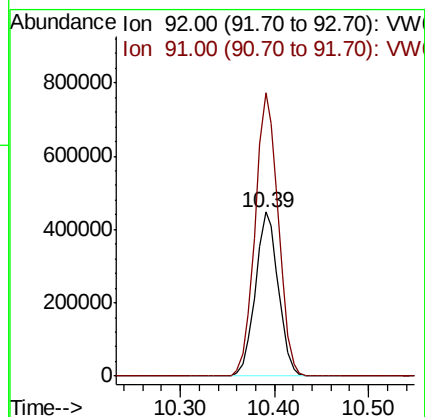
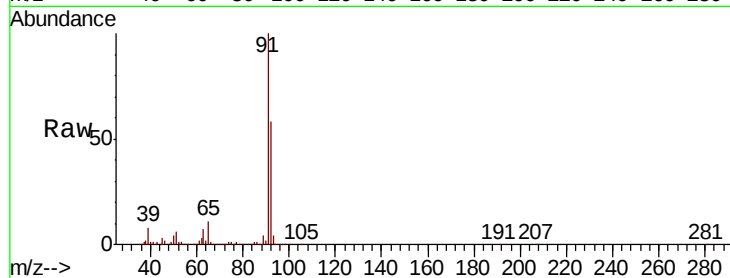
TOD1-SB-01-0-2MS

Tot Ion: 92 Resp: 769665

Ion Ratio Lower Upper

92 100

91 173.9 138.3 207.5



#53

t-1,3-Dichloropropene

Concen: 48.23 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004779.D

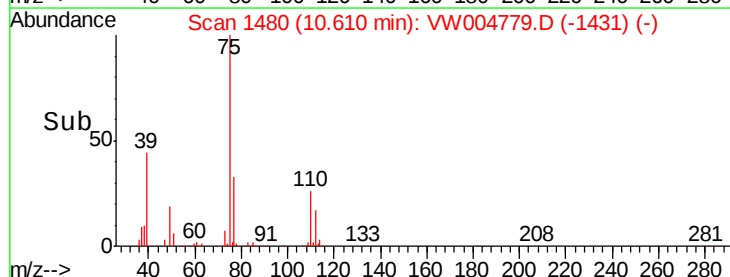
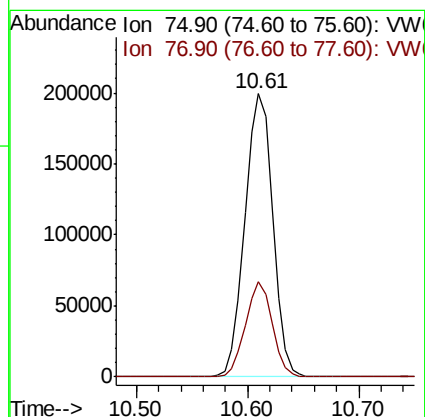
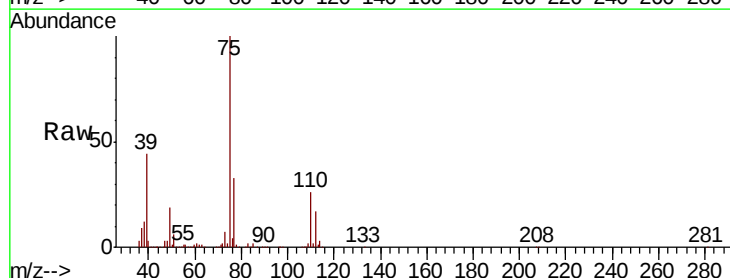
Acq: 18 Aug 2018 13:22

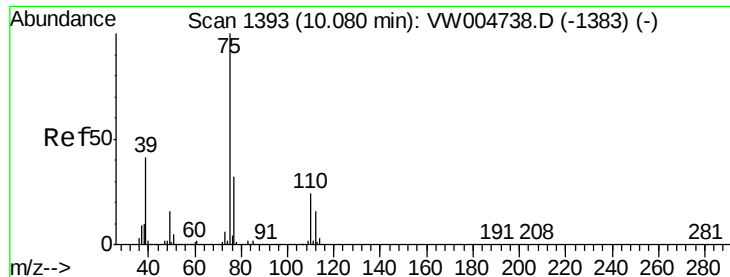
Tgt Ion: 75 Resp: 347573

Ion Ratio Lower Upper

75 100

77 33.4 24.8 37.2





#54

cis-1,3-Dichloropropene

Concen: 47.58 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

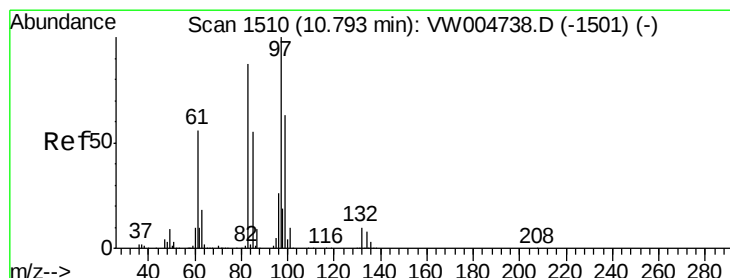
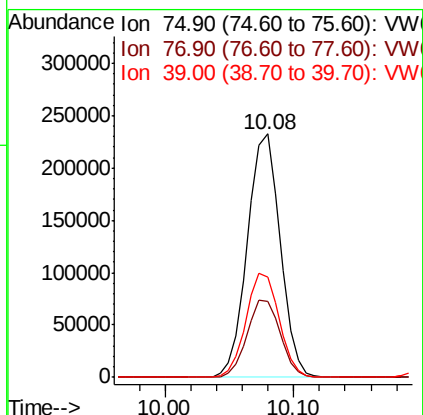
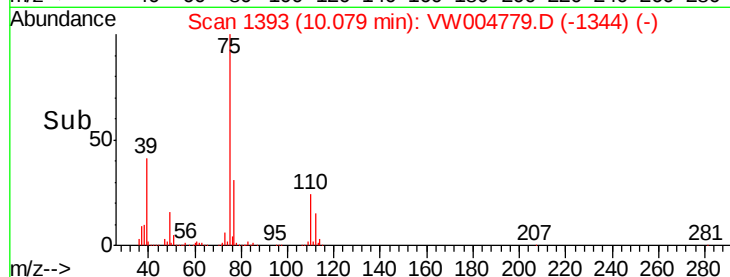
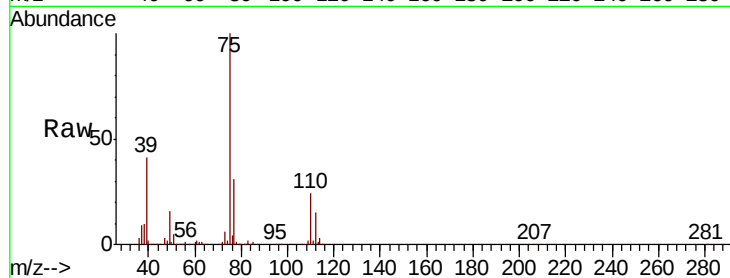
Tot Ion: 75 Resp: 408753

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 40.9 33.0 49.4



#55

1,1,2-Trichloroethane

Concen: 56.43 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Tgt Ion: 97 Resp: 240214

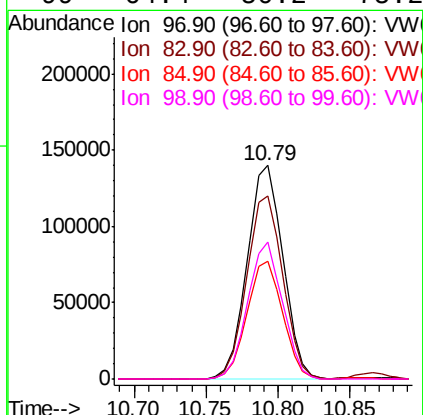
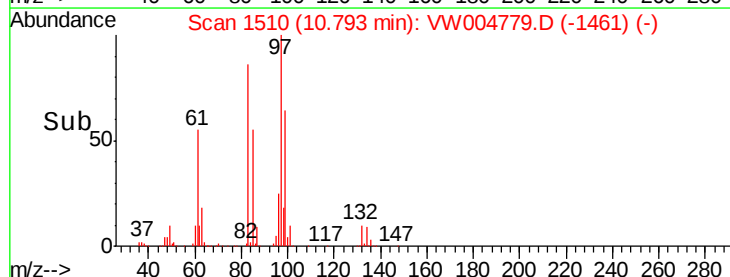
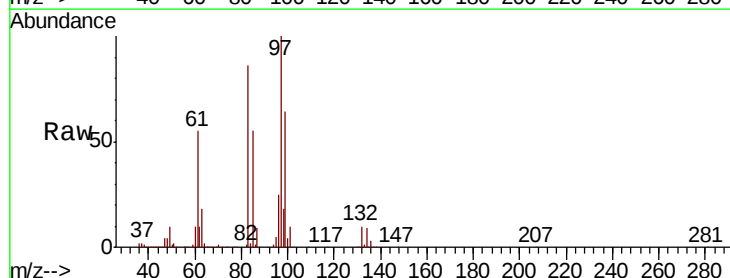
Ion Ratio Lower Upper

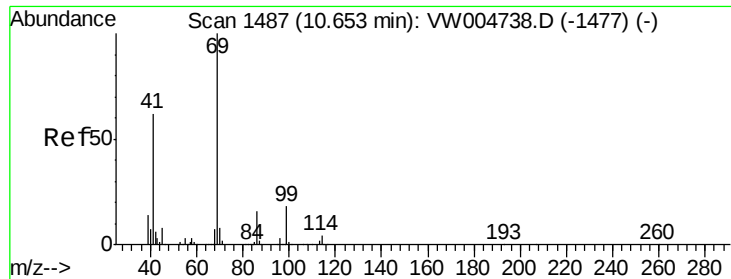
97 100

83 85.9 69.4 104.2

85 55.0 44.3 66.5

99 64.4 50.2 75.2





#56

Ethyl methacrylate

Concen: 14.20 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

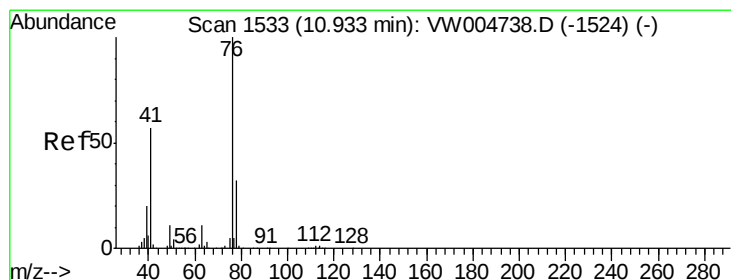
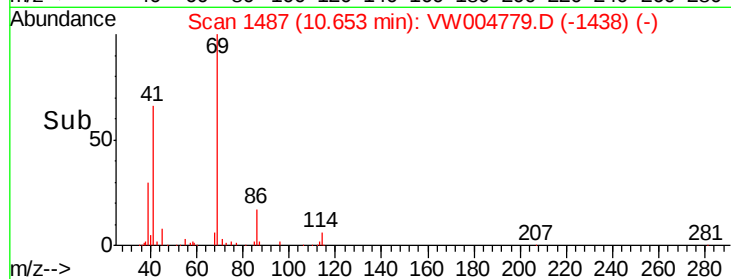
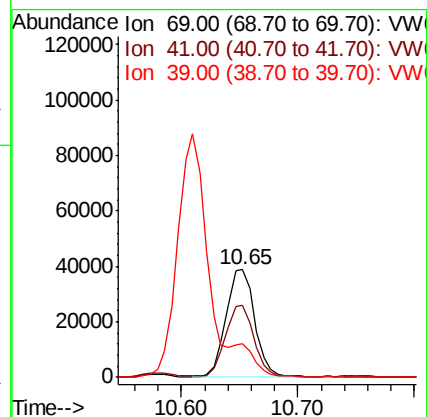
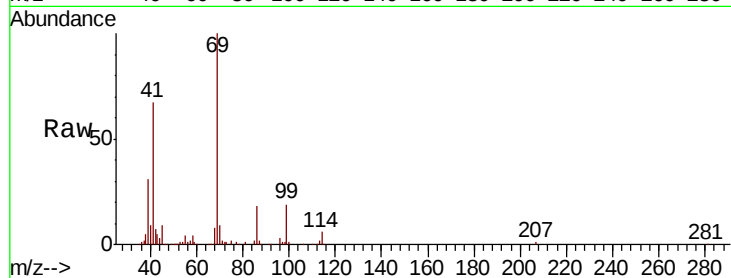
Tot Ion: 69 Resp: 66341

Ion Ratio Lower Upper

69 100

41 64.7 50.7 76.1

39 0.0 21.4 32.2#



#57

1,3-Dichloropropane

Concen: 55.65 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004779.D

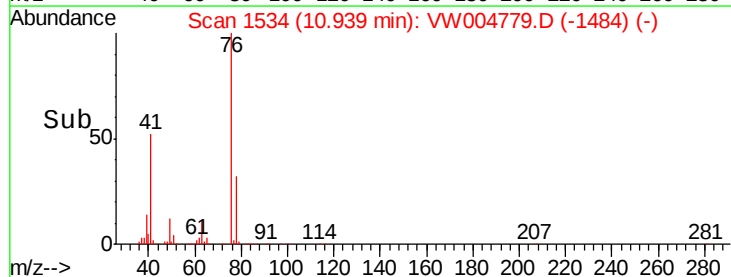
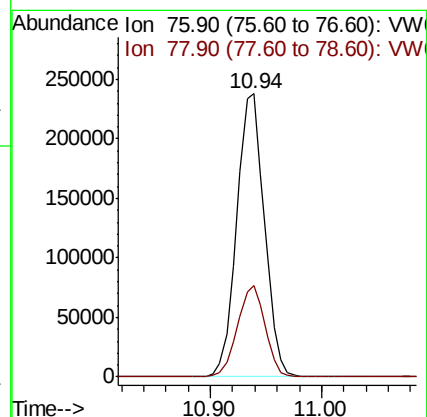
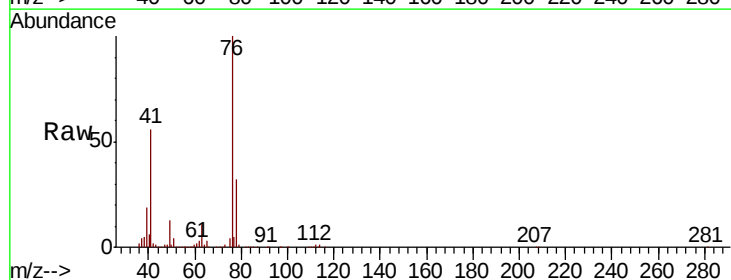
Acq: 18 Aug 2018 13:22

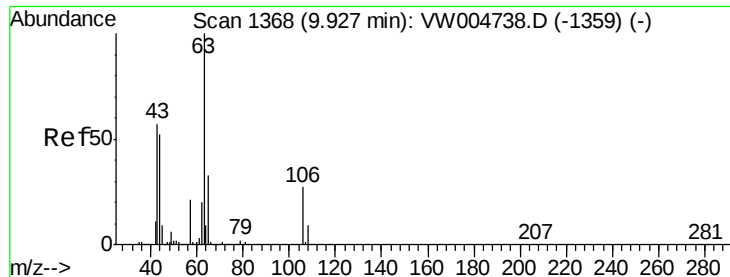
Tgt Ion: 76 Resp: 408914

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9

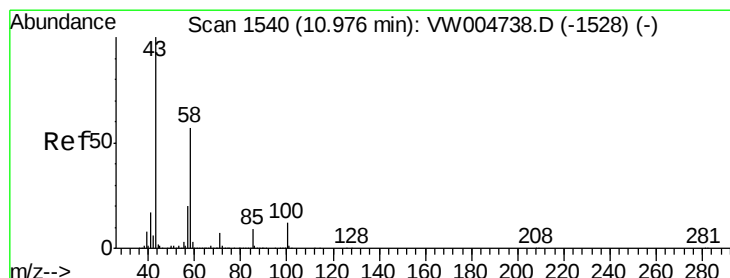
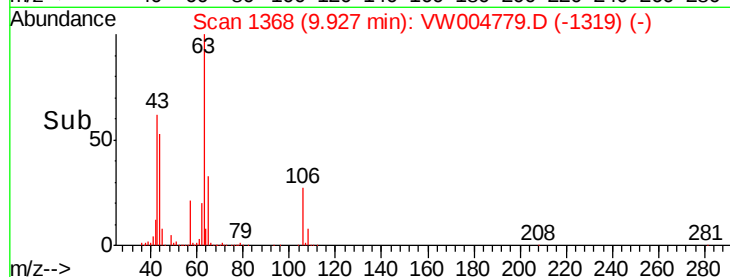
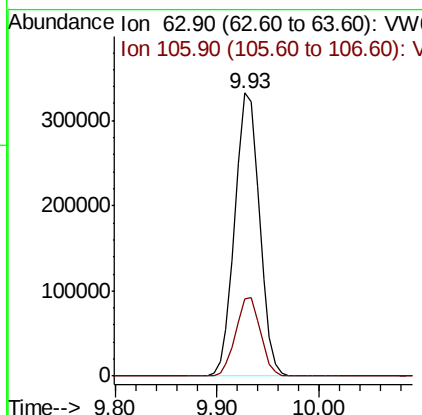
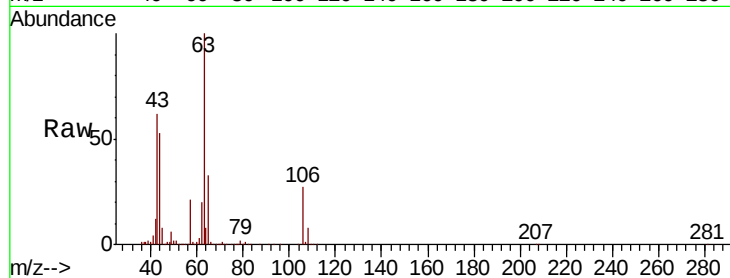




#58
 2-Chloroethyl Vinyl ether
 Concen: 236.78 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

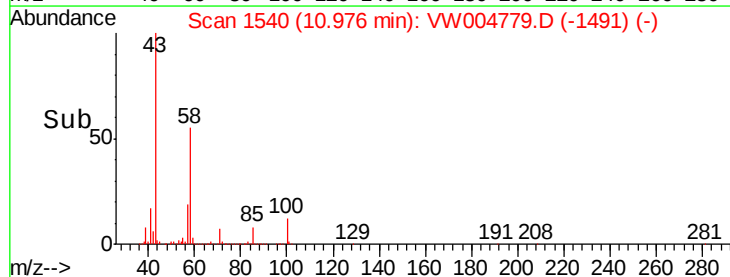
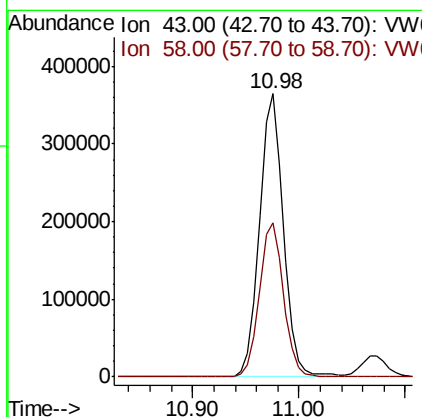
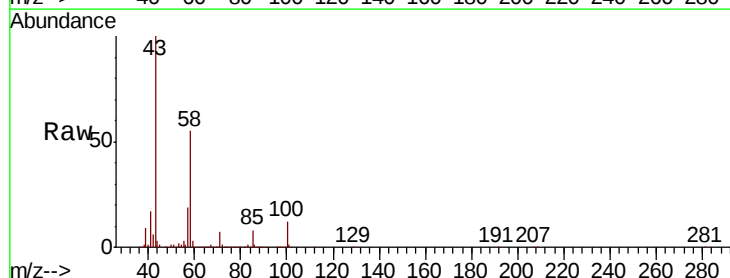
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

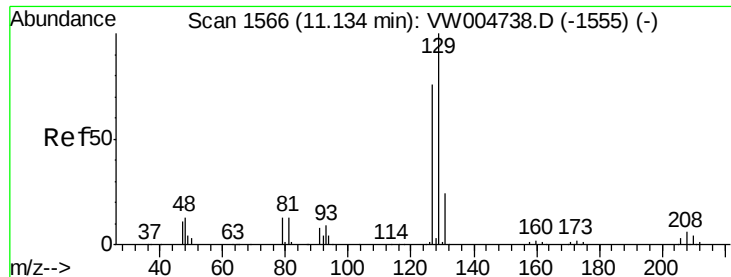
Tot Ion: 63 Resp: 556658
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.1 33.1



#59
 2-Hexanone
 Concen: 205.17 ug/l
 RT: 10.98 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion: 43 Resp: 572079
 Ion Ratio Lower Upper
 43 100
 58 55.3 28.1 84.4





#60

Dibromochloromethane

Concen: 54.93 ug/l

RT: 11.13 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

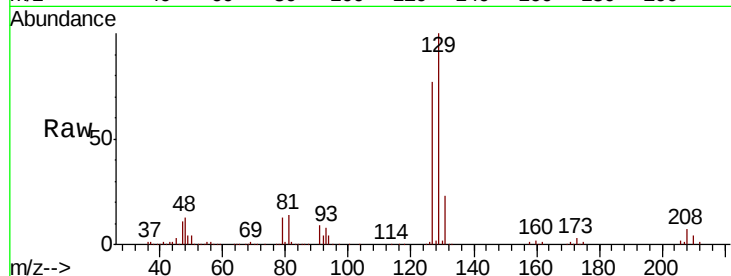
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

Tot Ion:129 Resp: 262352

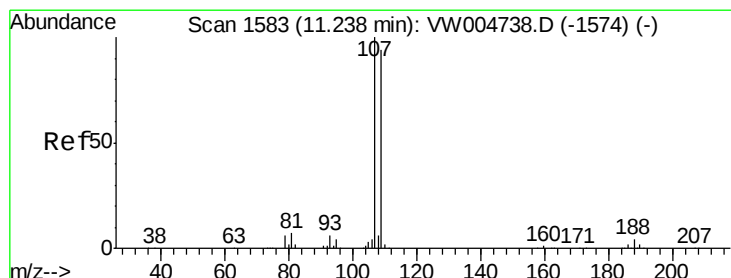
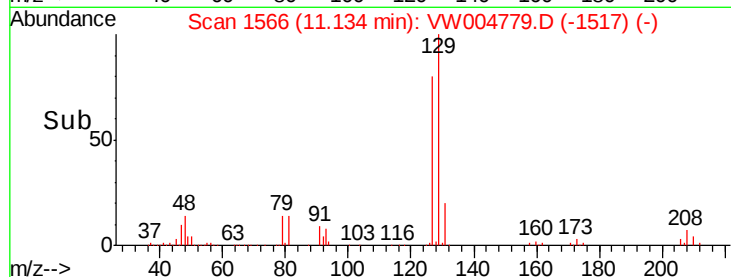
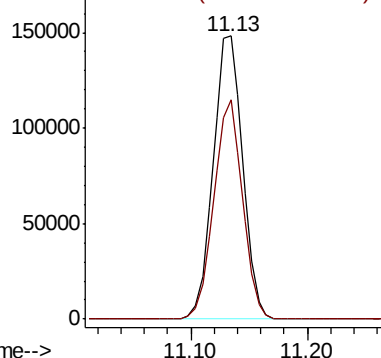
Ion Ratio Lower Upper

129 100

127 75.3 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.82 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004779.D

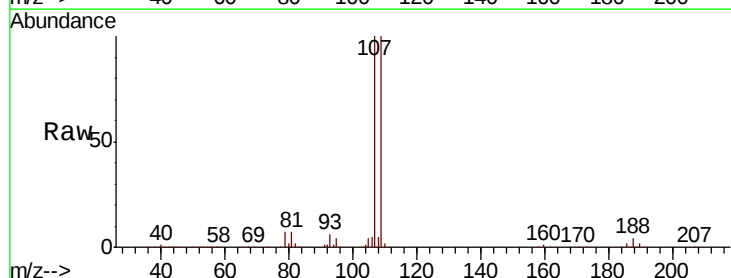
Acq: 18 Aug 2018 13:22

Tgt Ion:107 Resp: 218999

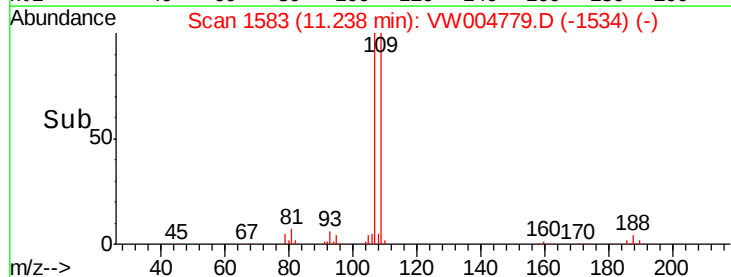
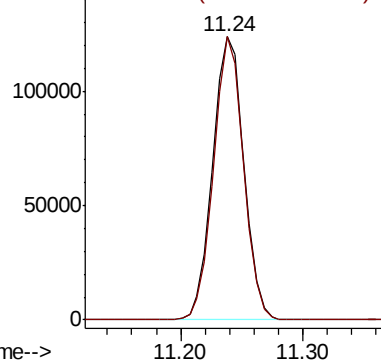
Ion Ratio Lower Upper

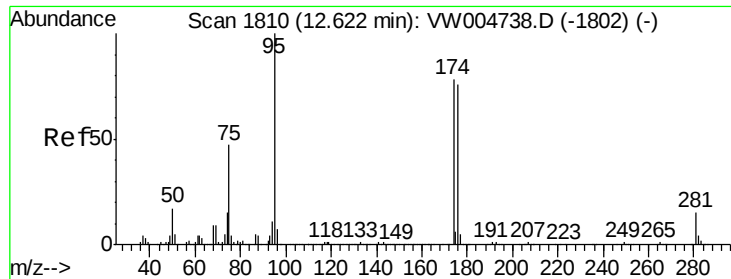
107 100

109 96.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

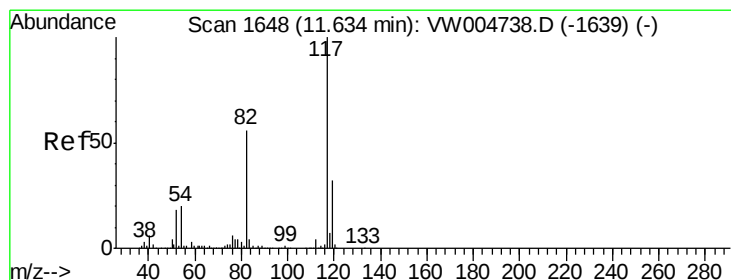
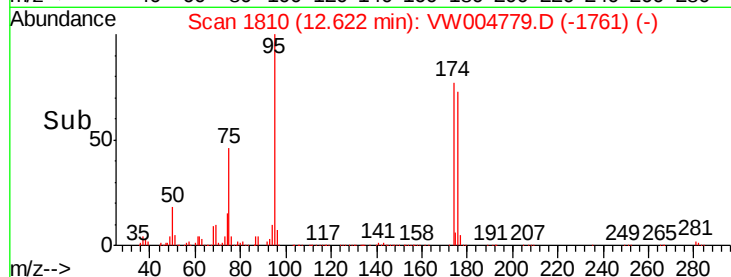
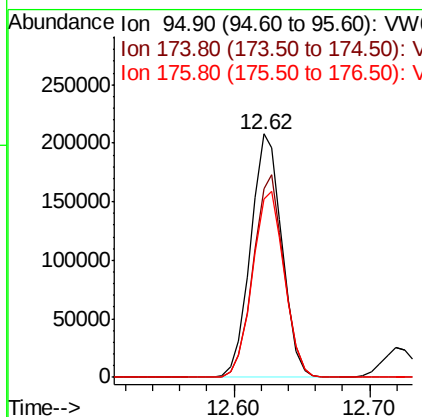
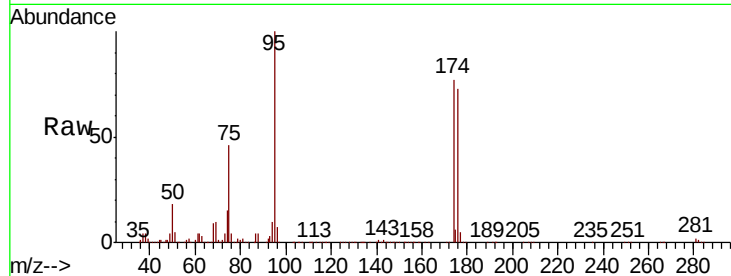




#62
4-Bromofluorobenzene
Concen: 45.23 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

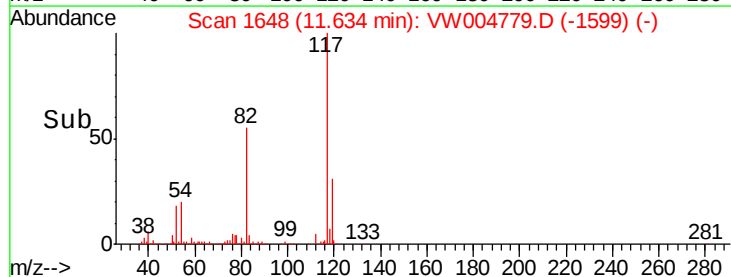
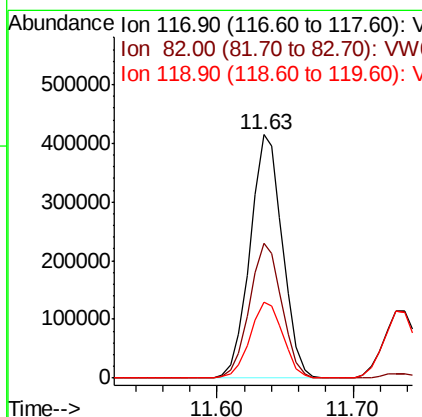
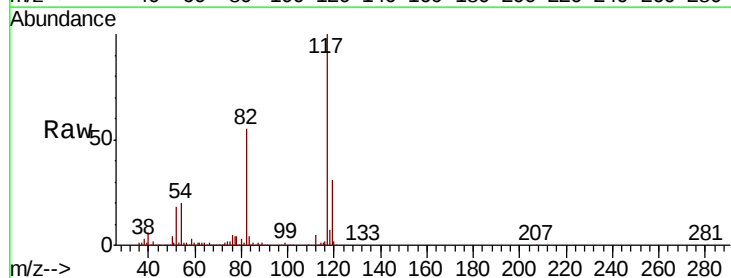
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

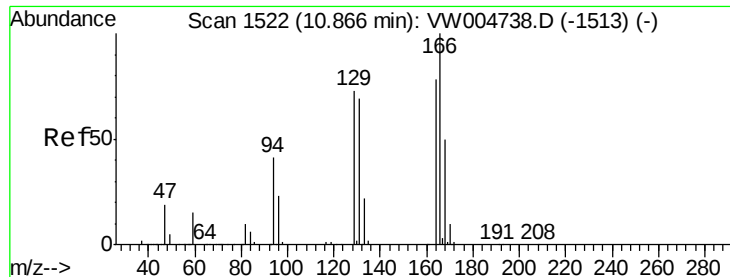
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	165.8
176	78.1	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	67.0
119	31.3	25.6	38.4





#64

Tetrachloroethene

Concen: 52.91 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

Tot Ion:164 Resp: 250564

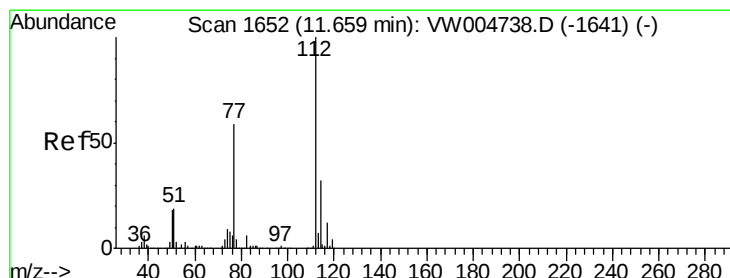
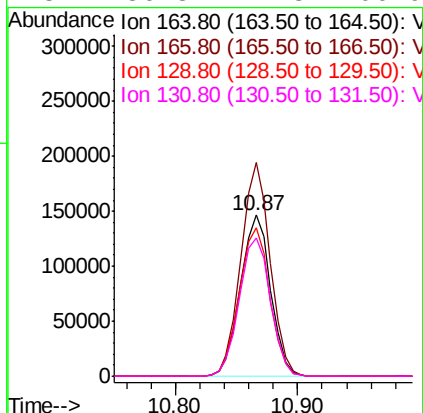
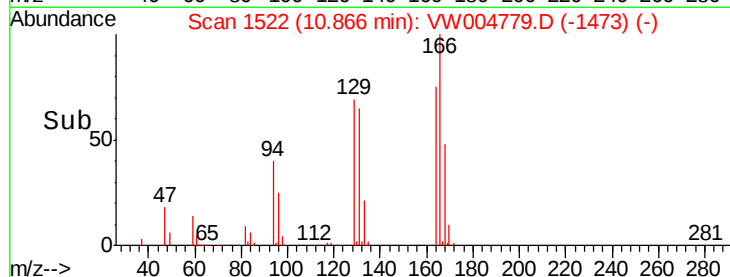
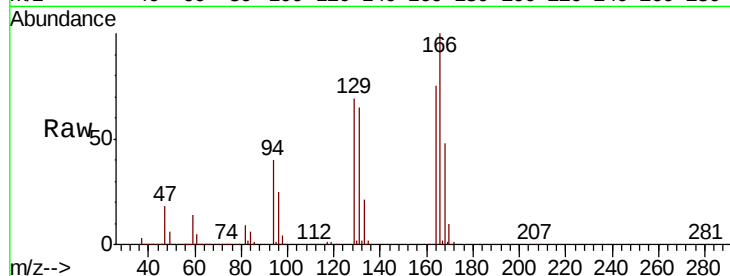
Ion Ratio Lower Upper

164 100

166 132.8 102.5 153.7

129 92.3 75.1 112.7

131 86.3 71.3 106.9



#65

Chlorobenzene

Concen: 52.64 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW004779.D

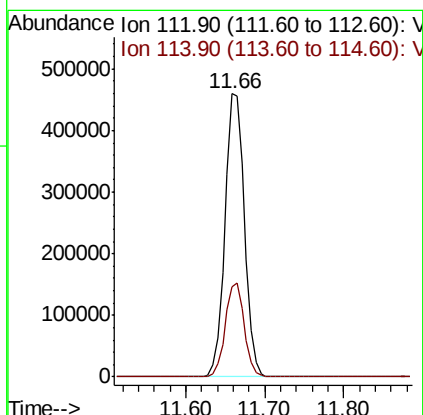
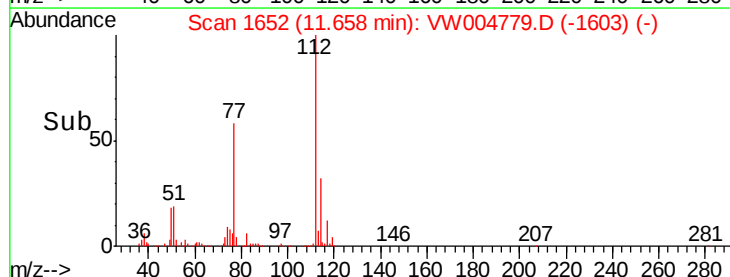
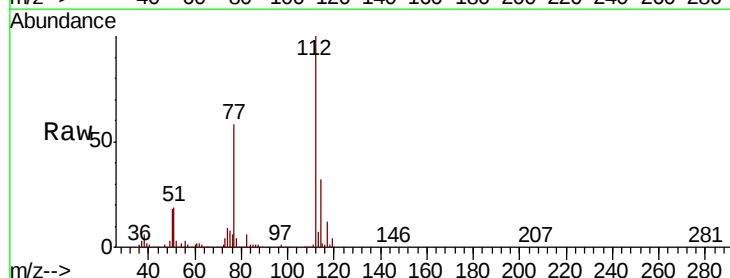
Acq: 18 Aug 2018 13:22

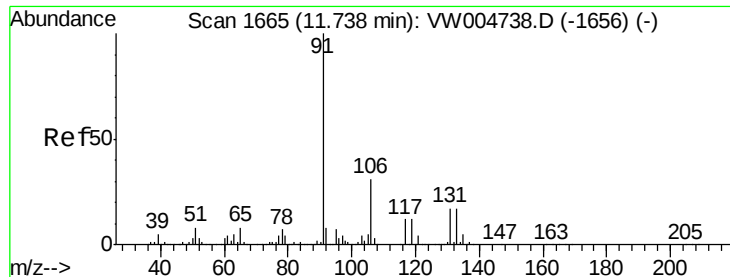
Tgt Ion:112 Resp: 785014

Ion Ratio Lower Upper

112 100

114 32.1 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 56.28 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

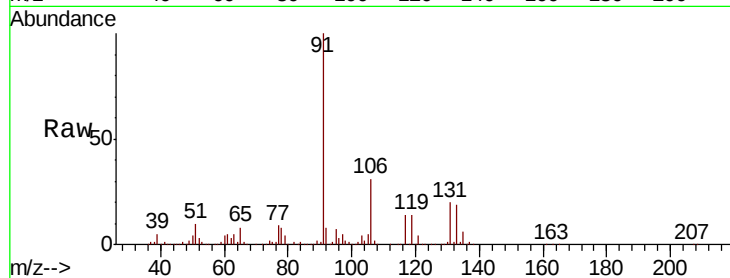
Tot Ion:131 Resp: 283405

Ion Ratio Lower Upper

131 100

133 94.6 48.2 144.6

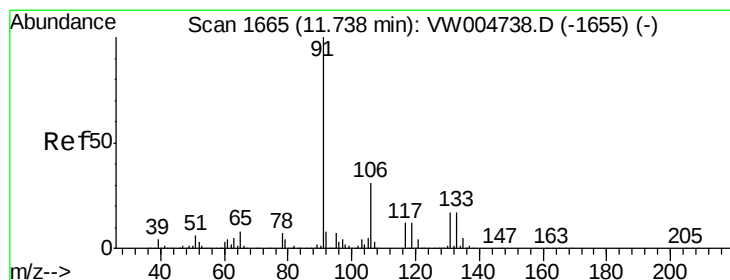
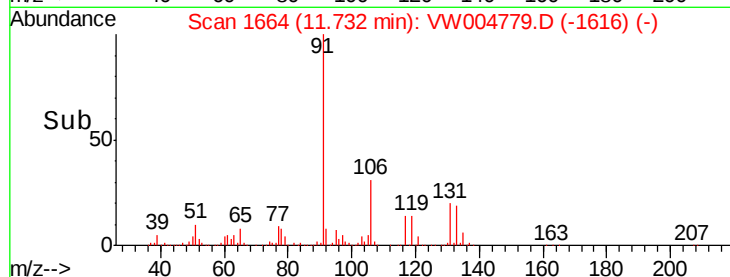
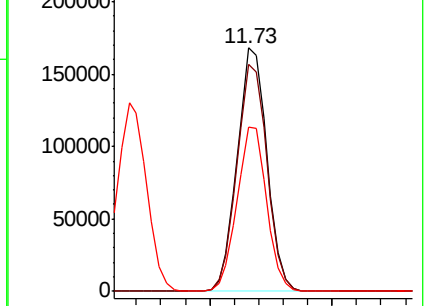
119 67.0 34.0 102.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 54.77 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004779.D

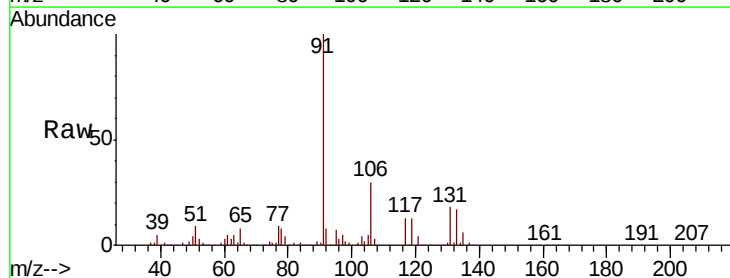
Acq: 18 Aug 2018 13:22

Tgt Ion: 91 Resp: 1384863

Ion Ratio Lower Upper

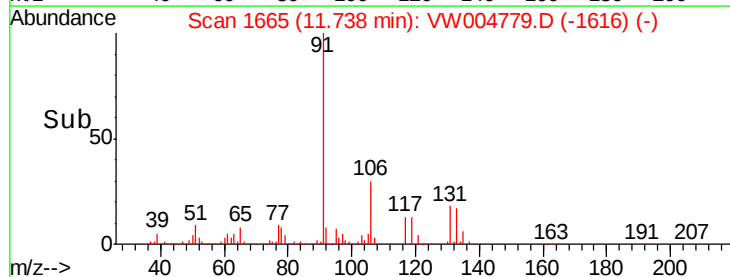
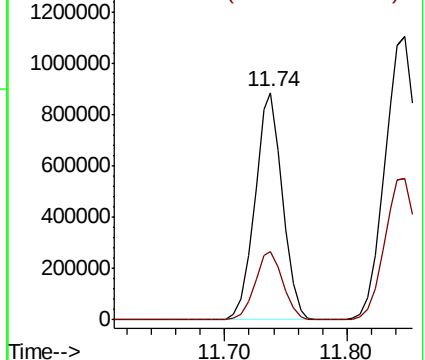
91 100

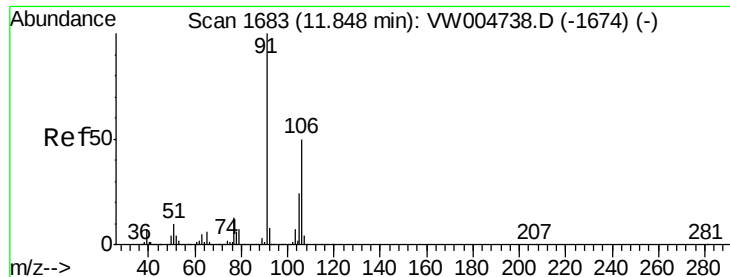
106 30.1 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 105.34 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

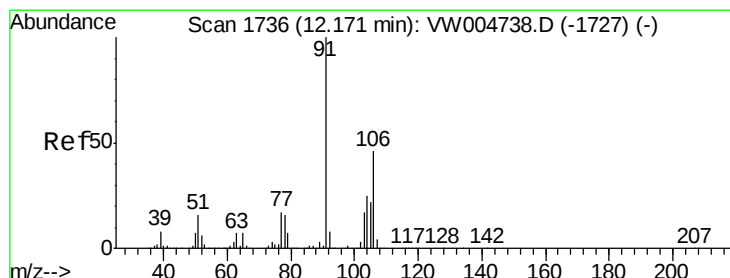
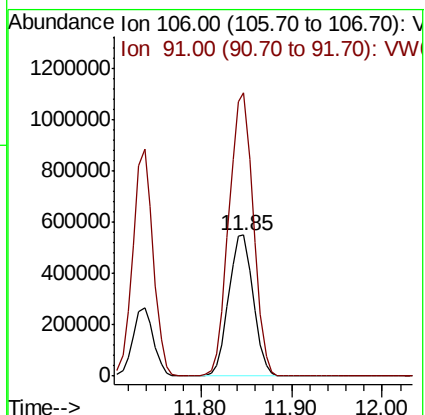
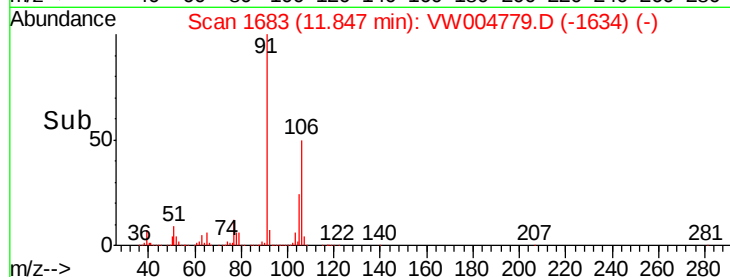
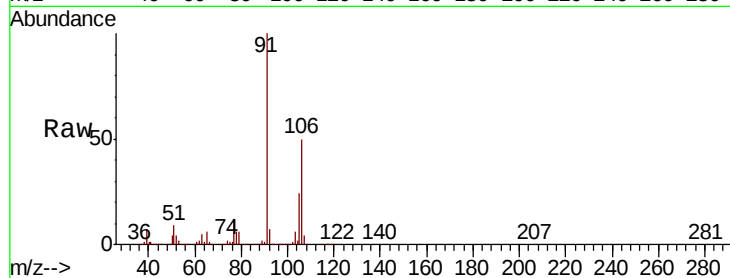
TOD1-SB-01-0-2MS

Tot Ion:106 Resp: 1036153

Ion Ratio Lower Upper

106 100

91 199.4 159.9 239.9



#69

o-Xylene

Concen: 54.88 ug/l

RT: 12.17 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VW004779.D

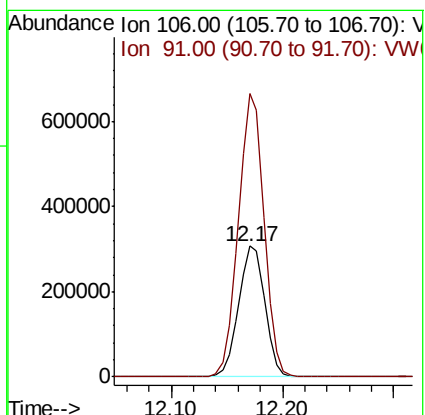
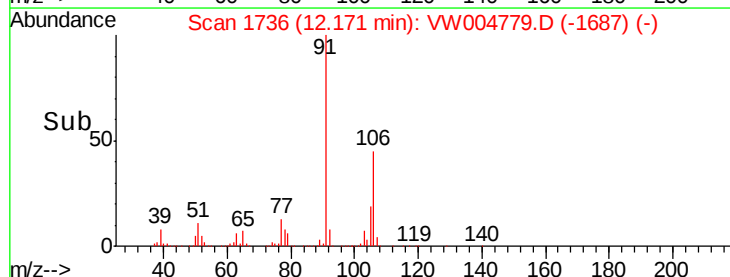
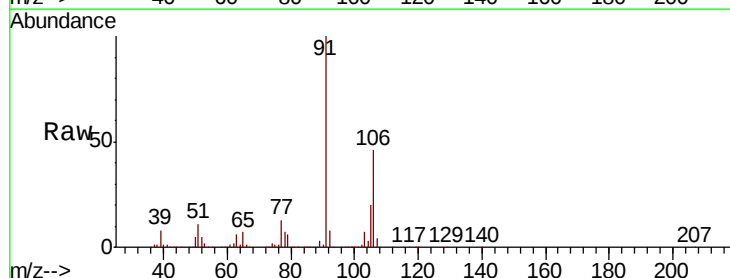
Acq: 18 Aug 2018 13:22

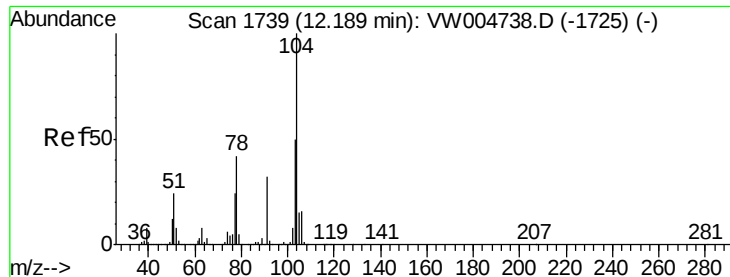
Tgt Ion:106 Resp: 499764

Ion Ratio Lower Upper

106 100

91 212.1 107.3 321.8

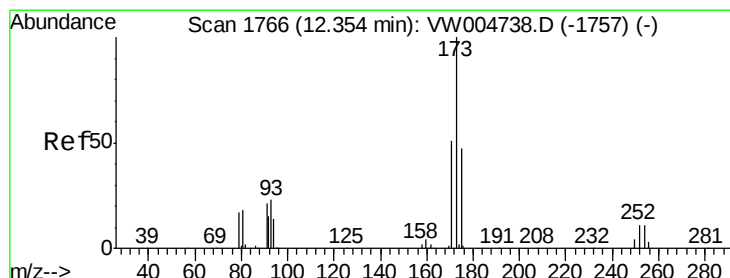
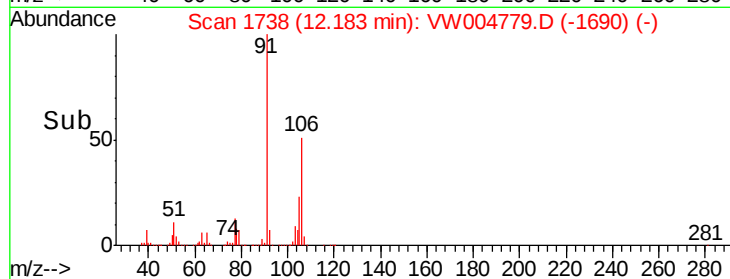
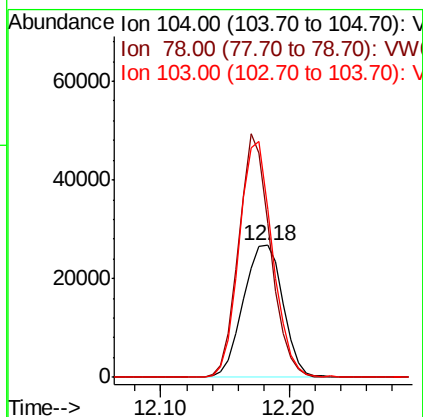
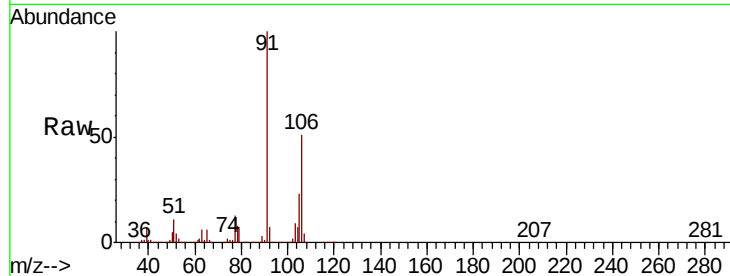




#70
Stvrene
Concen: 3.73 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

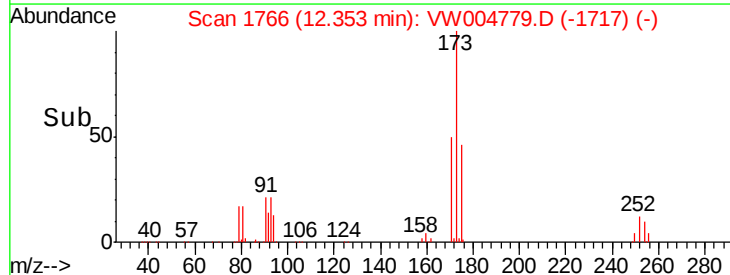
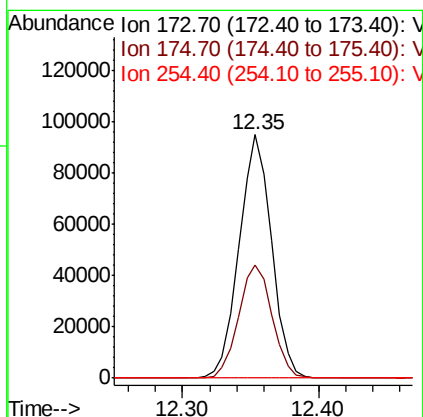
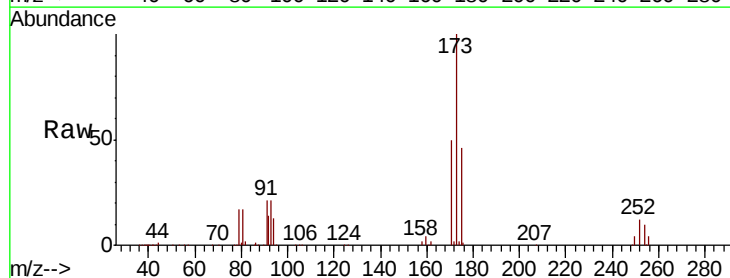
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

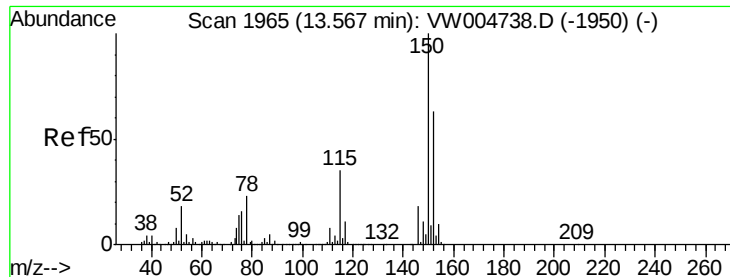
Tot Ion	Ratio	Lower	Upper
104	100		
78	147.3	38.4	57.6#
103	150.0	44.1	66.1#



#71
Bromoform
Concen: 59.25 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.8	71.4
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

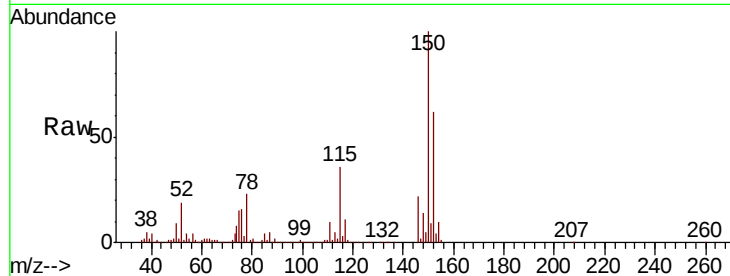
Tot Ion:152 Resp: 298250

Ion Ratio Lower Upper

152 100

115 58.4 28.5 85.5

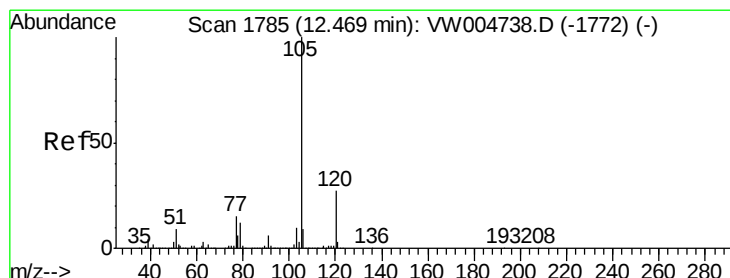
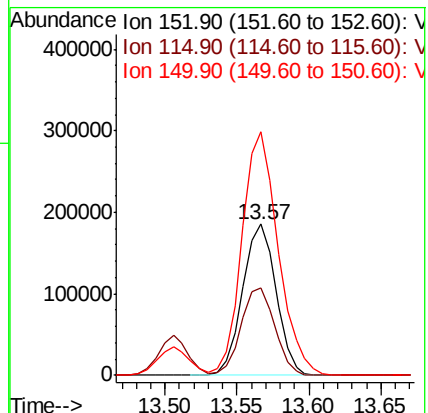
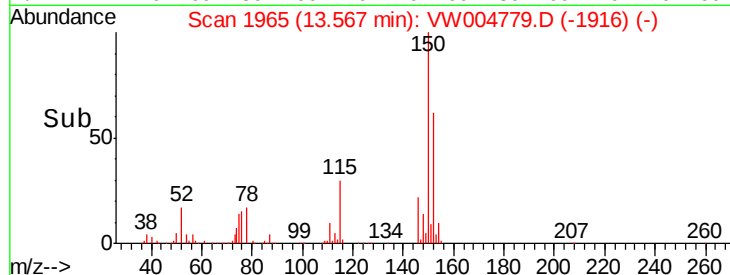
150 174.0 0.0 344.8



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: 64.57 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004779.D

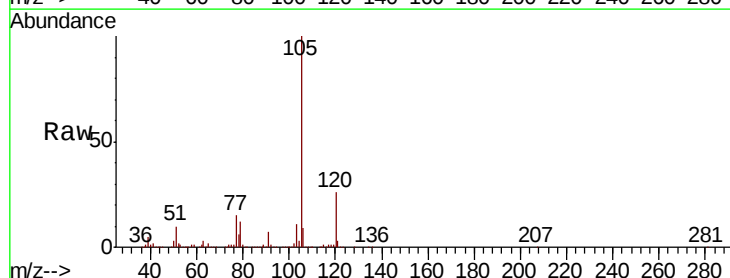
Acq: 18 Aug 2018 13:22

Tgt Ion:105 Resp: 1310133

Ion Ratio Lower Upper

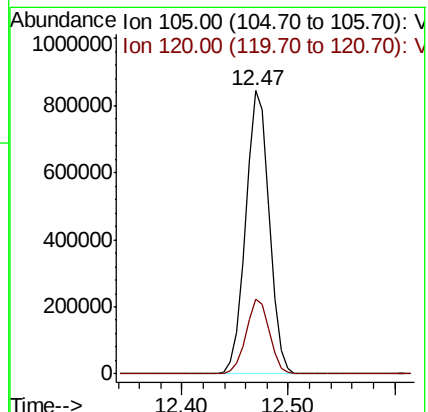
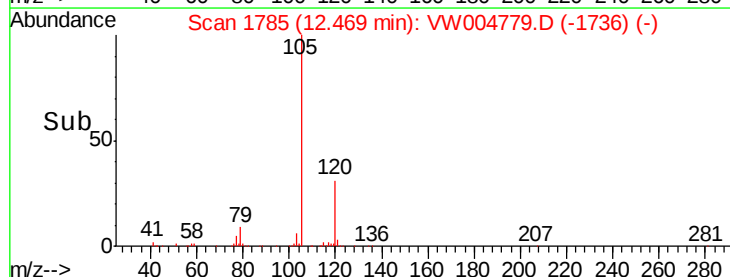
105 100

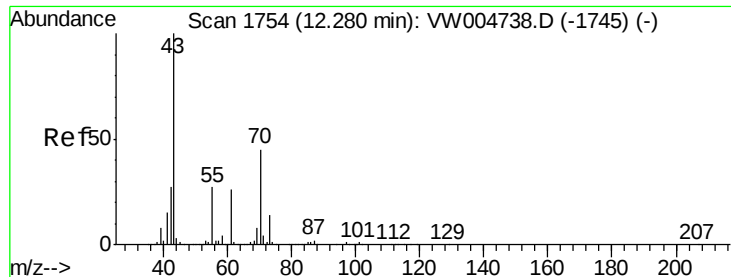
120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 8.74 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

Tot Ion: 43 Resp: 24376

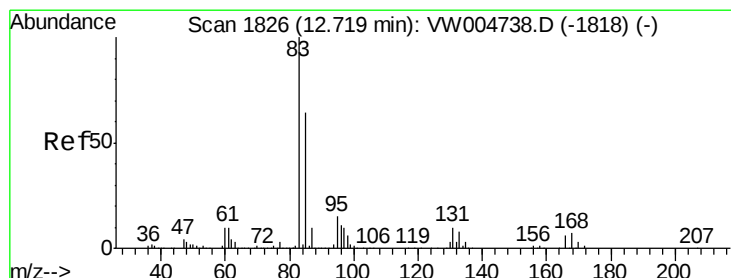
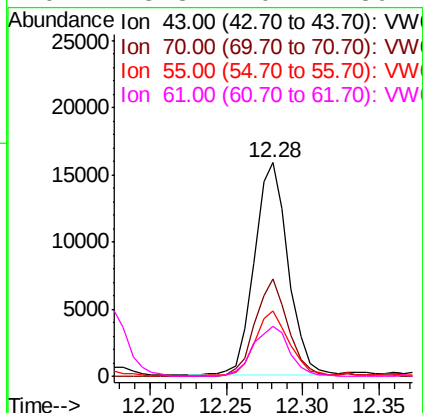
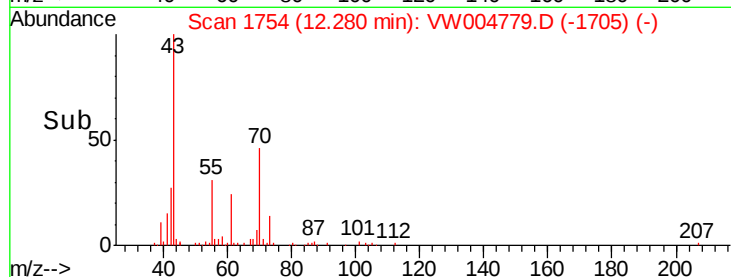
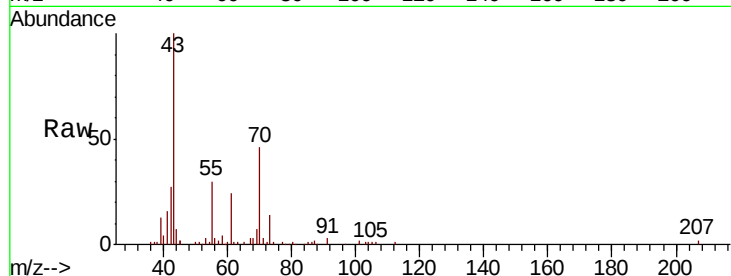
Ion Ratio Lower Upper

43 100

70 44.6 36.3 54.5

55 31.5 22.6 33.8

61 25.3 20.2 30.4



#75

1,1,2,2-Tetrachloroethane

Concen: 75.05 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

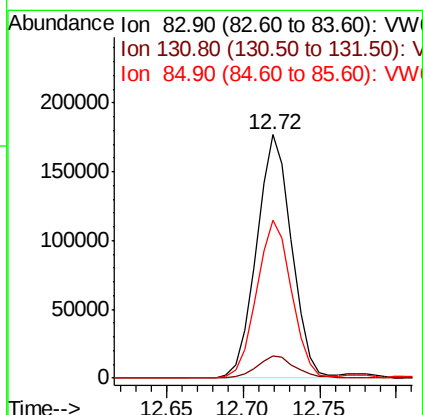
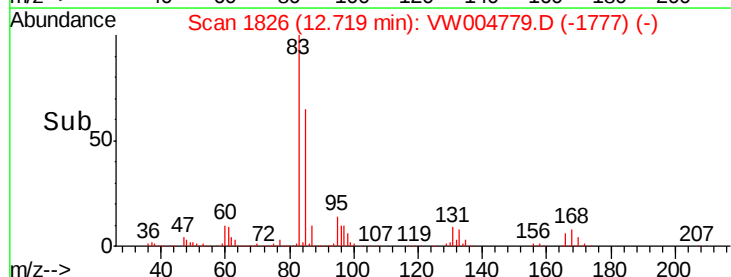
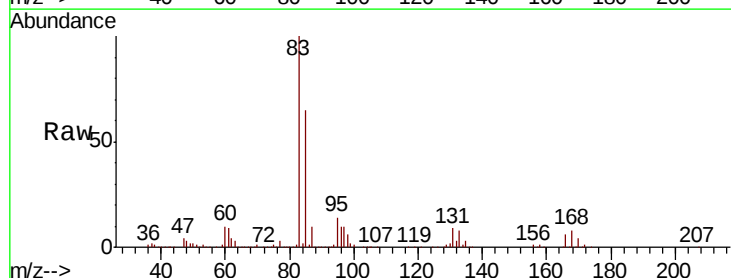
Tgt Ion: 83 Resp: 282103

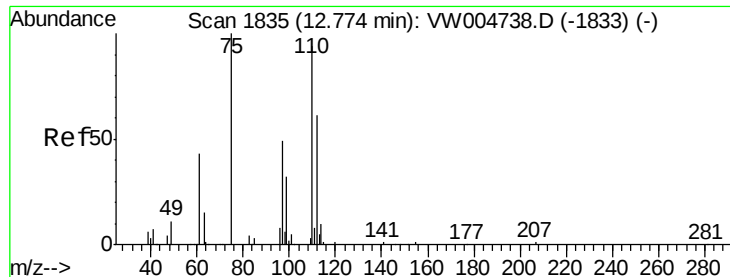
Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

85 64.8 31.9 95.9

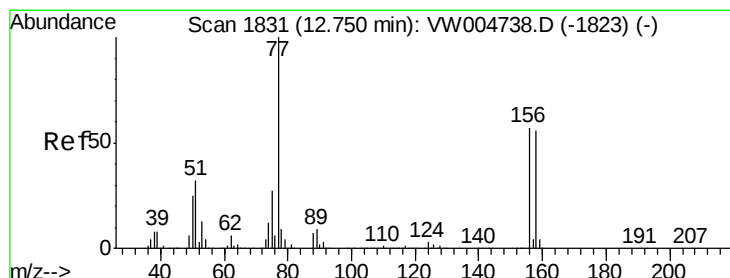
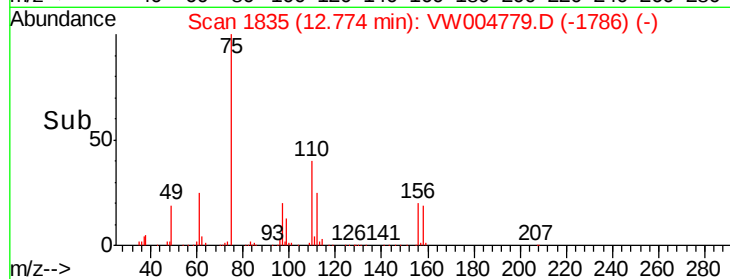
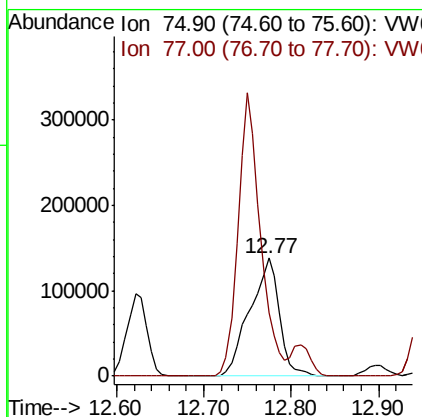
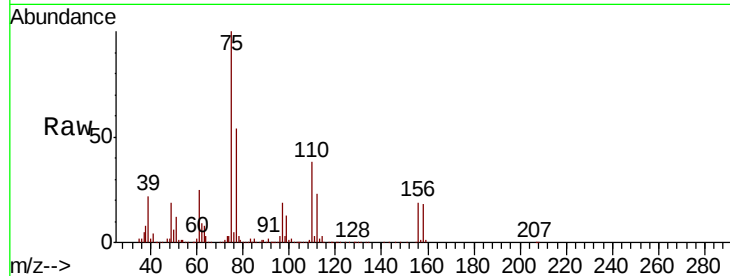




#76
 1,2,3-Trichloropropane
 Concen: 124.55 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

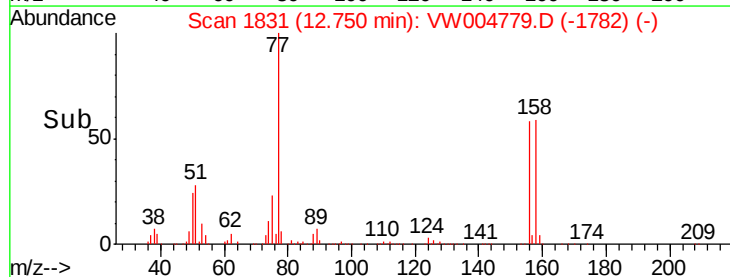
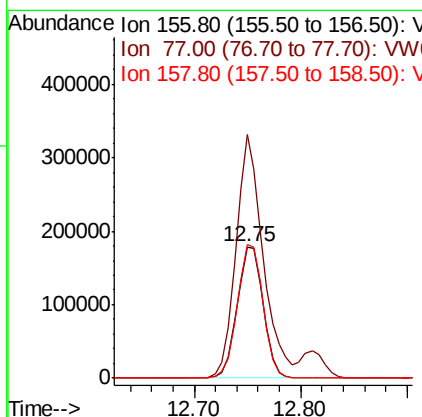
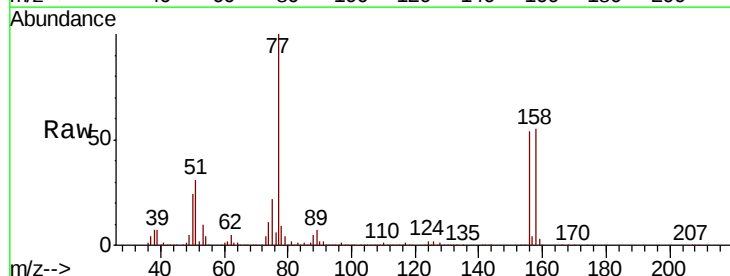
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

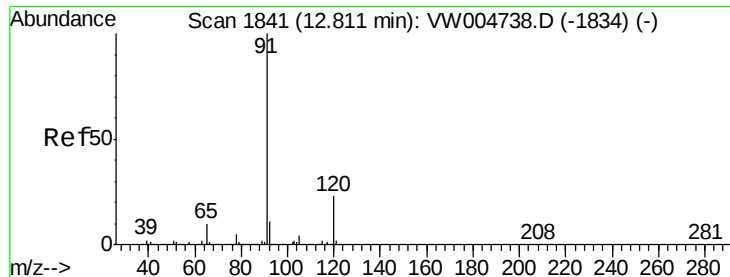
Tot Ion: 75 Resp: 327467
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 62.28 ug/l
 RT: 12.75 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion: 156 Resp: 305878
 Ion Ratio Lower Upper
 156 100
 77 193.2 94.2 282.4
 158 100.3 48.6 145.9





#78

n-propylbenzene

Concen: 60.86 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

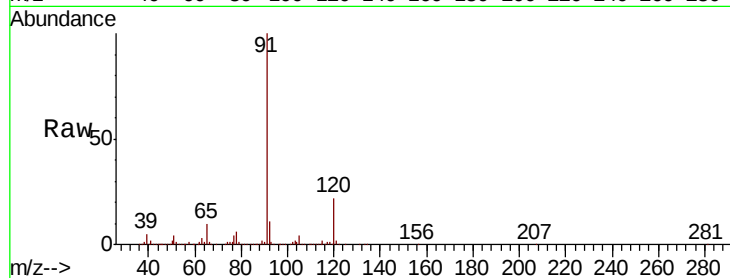
TOD1-SB-01-0-2MS

Tot Ion: 91 Resp: 1506801

Ion Ratio Lower Upper

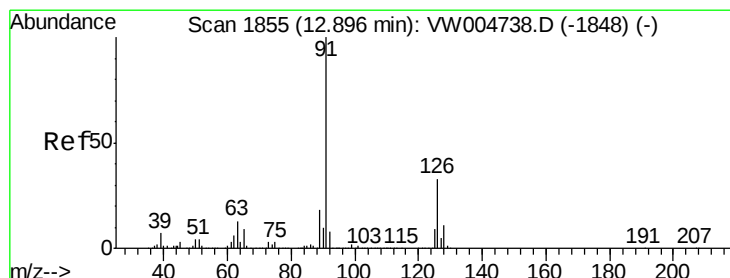
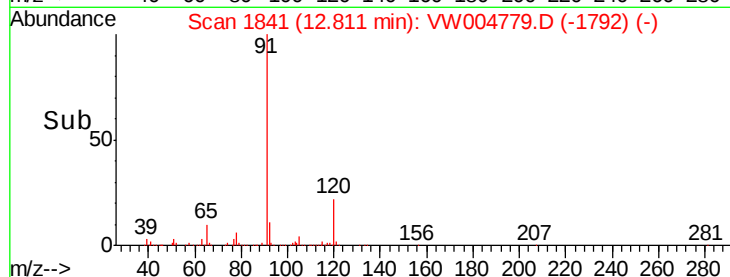
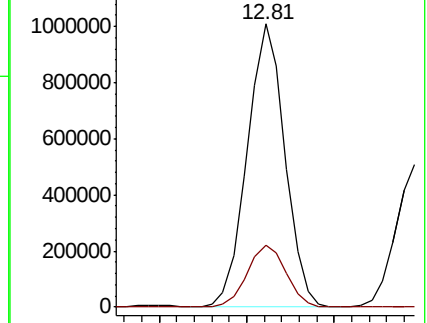
91 100

120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 60.71 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004779.D

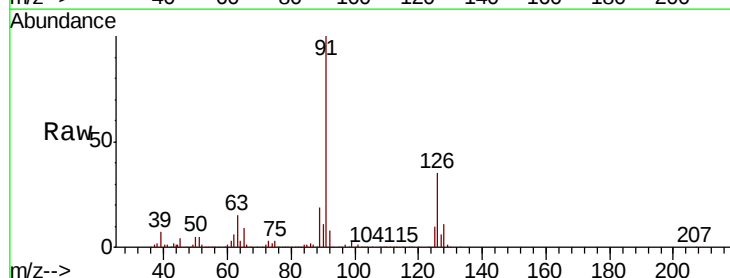
Acq: 18 Aug 2018 13:22

Tgt Ion: 91 Resp: 866435

Ion Ratio Lower Upper

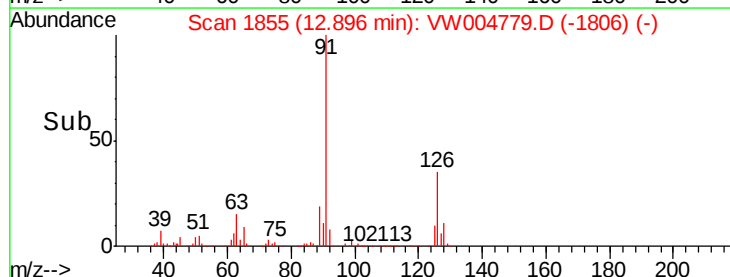
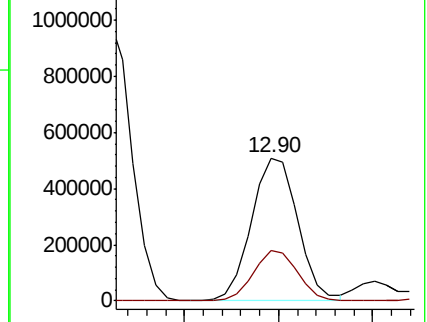
91 100

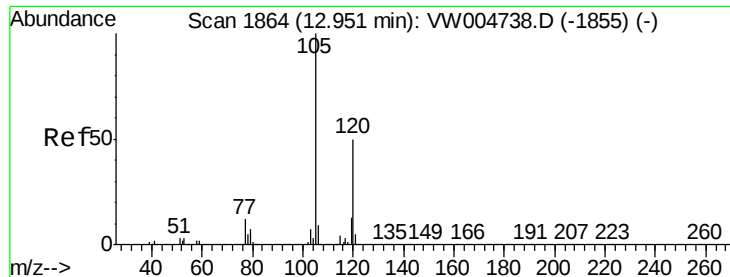
126 33.9 17.0 51.0



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: 59.25 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

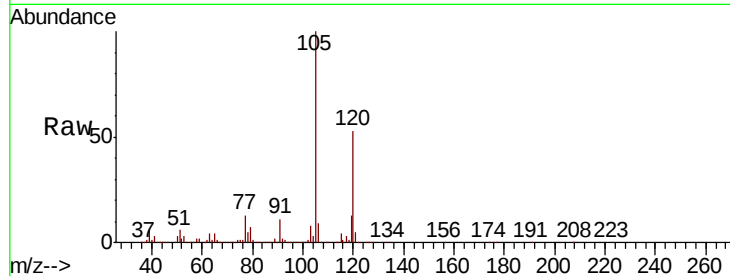
TOD1-SB-01-0-2MS

Tot Ion:105 Resp: 1021324

Ion Ratio Lower Upper

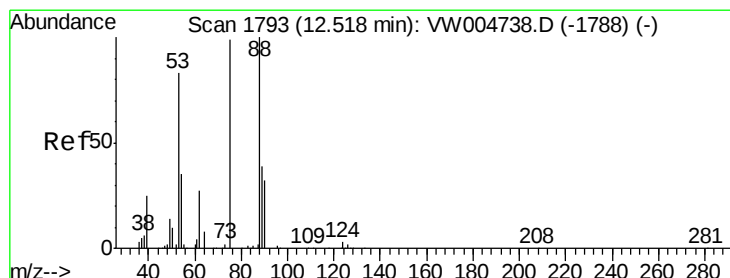
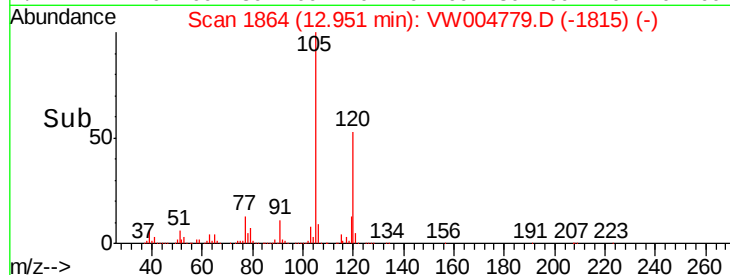
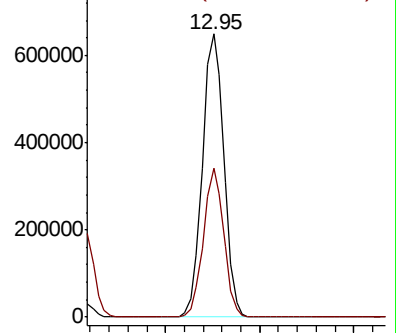
105 100

120 49.9 24.7 74.1



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: 52.78 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

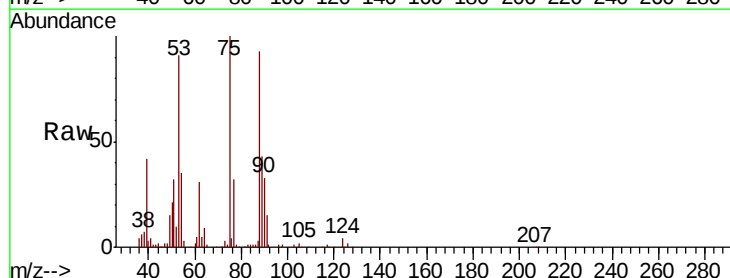
Tgt Ion: 75 Resp: 59708

Ion Ratio Lower Upper

75 100

53 94.5 72.2 108.4

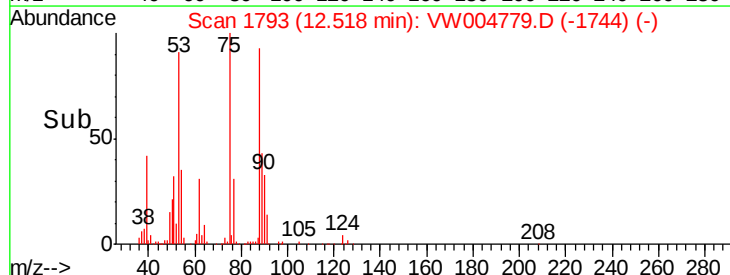
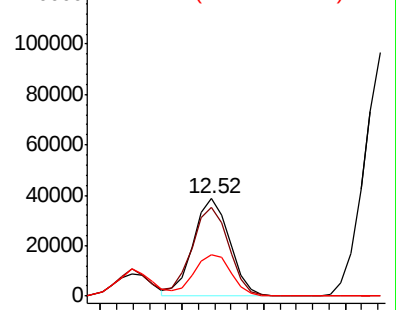
89 44.0 35.2 52.8

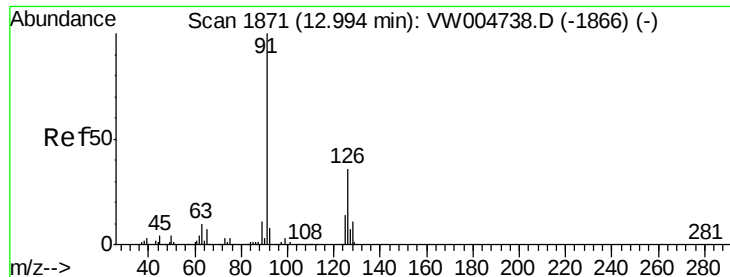


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

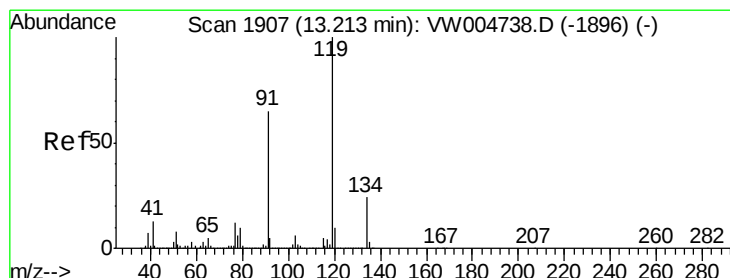
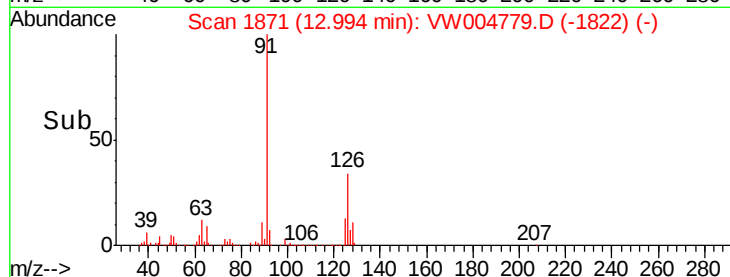
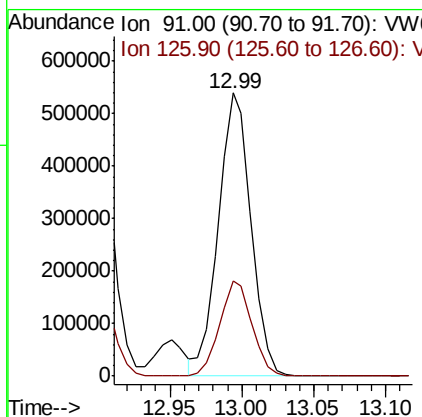
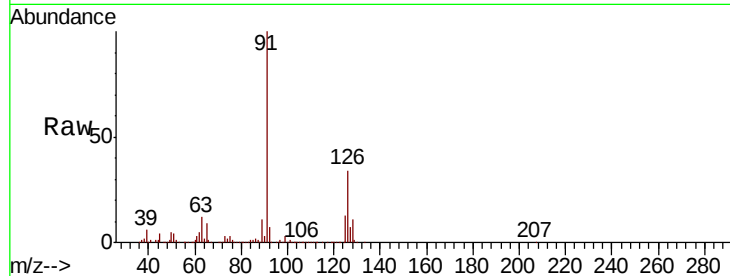




#82
4-Chlorotoluene
Concen: 56.25 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

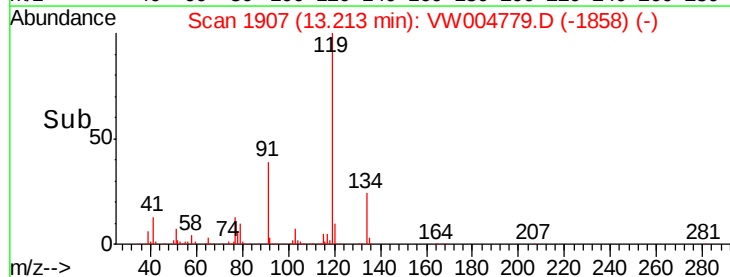
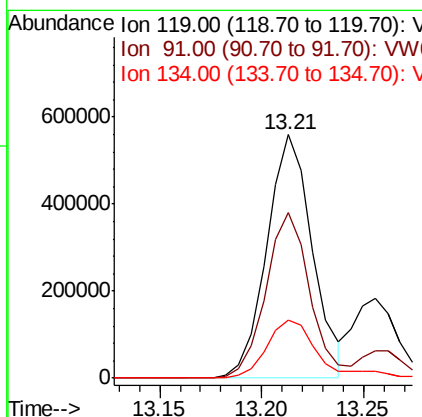
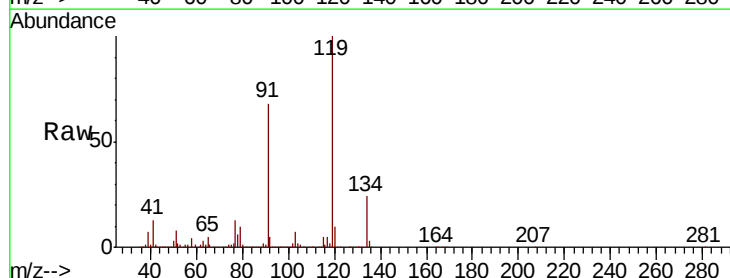
Instrument :
MSVOA_W
ClientSampleId :
TOD1-SB-01-0-2MS

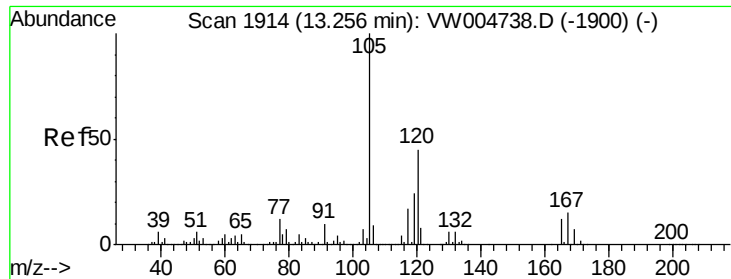
Tot Ion: 91 Resp: 852907
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7



#83
tert-Butylbenzene
Concen: 59.07 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004779.D
Acq: 18 Aug 2018 13:22

Tgt Ion: 119 Resp: 870938
Ion Ratio Lower Upper
119 100
91 66.2 32.6 97.8
134 26.9 13.1 39.3

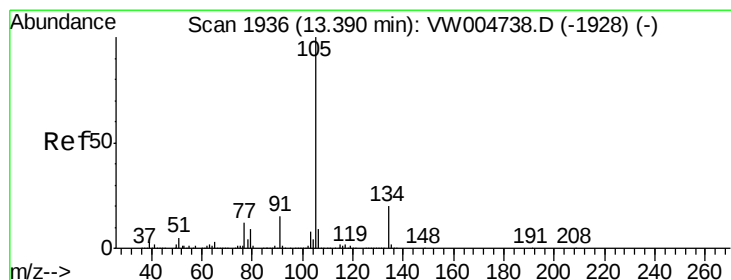
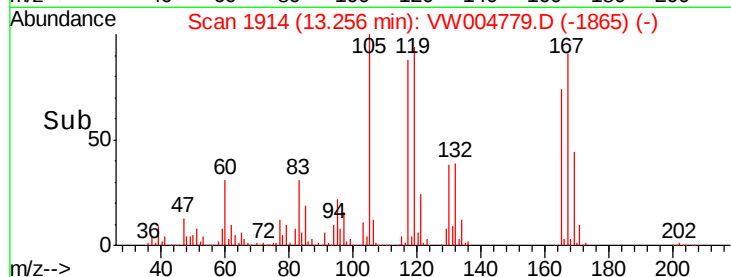
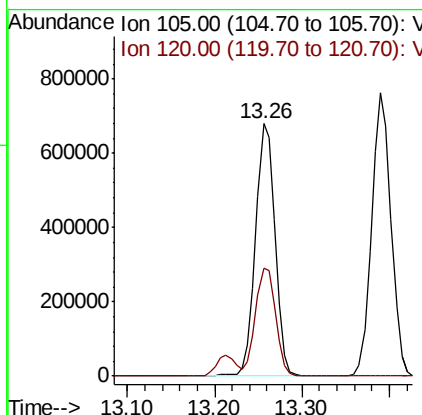
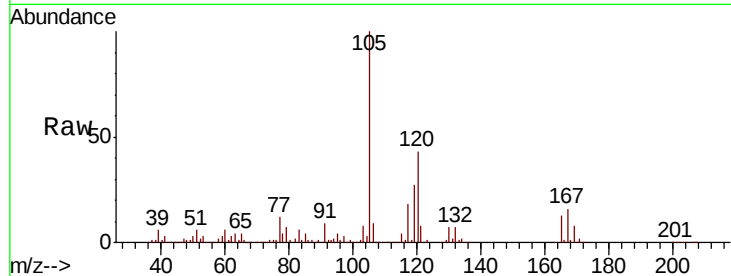




#84
 1,2,4-Trimethylbenzene
 Concen: 59.02 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

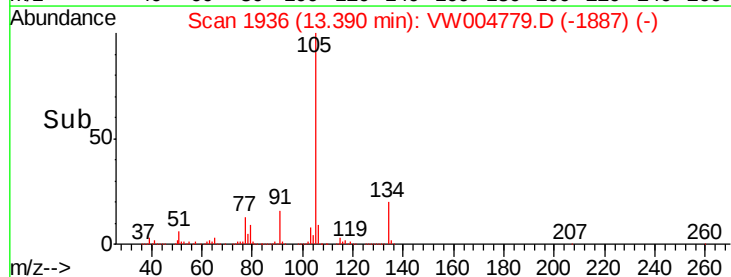
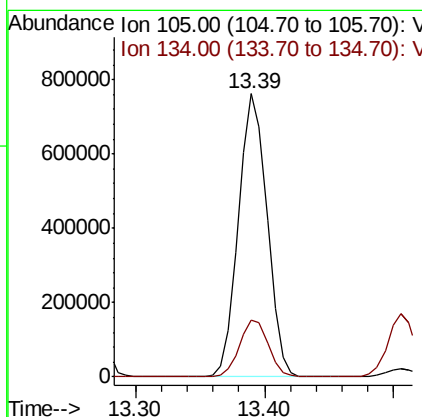
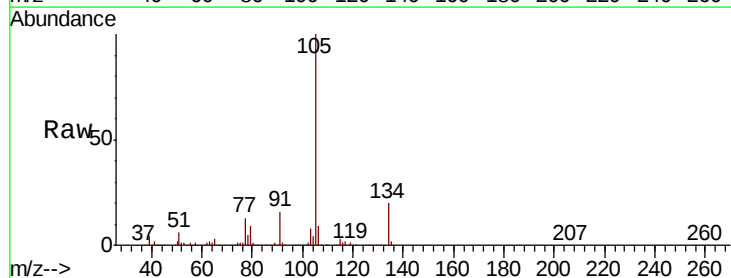
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

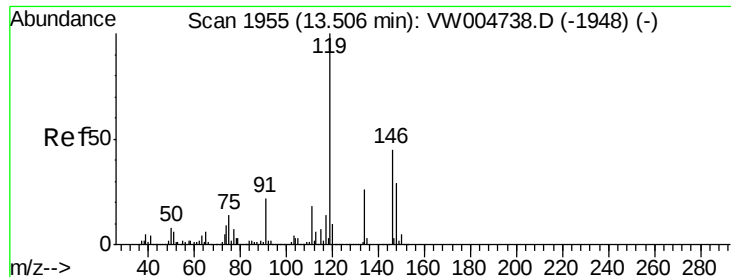
Tot Ion:105 Resp: 1046672
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 53.42 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion:105 Resp: 1175868
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8





#86

p-Isopropyltoluene

Concen: 48.88 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

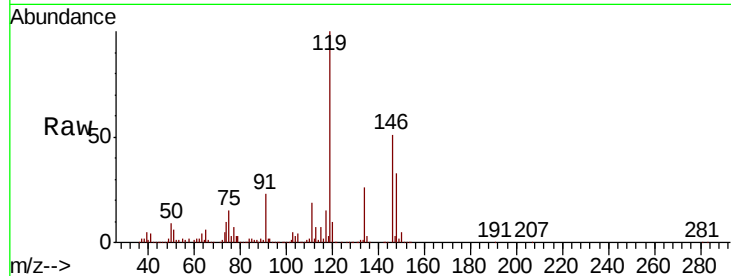
Tot Ion:119 Resp: 936320

Ion Ratio Lower Upper

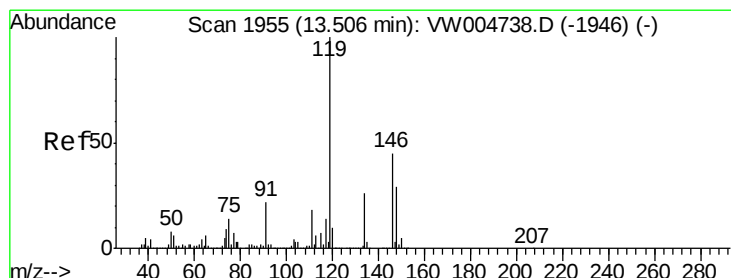
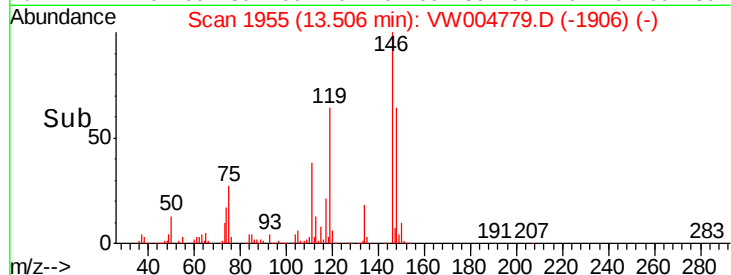
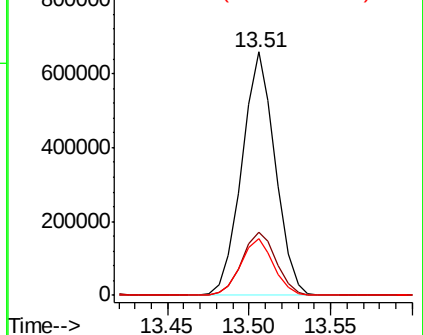
119 100

134 26.6 13.1 39.3

91 23.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 52.78 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

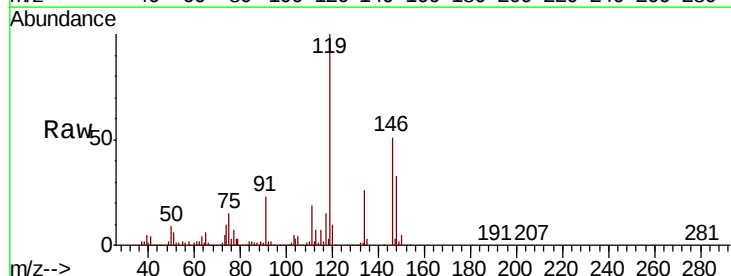
Tgt Ion:146 Resp: 527254

Ion Ratio Lower Upper

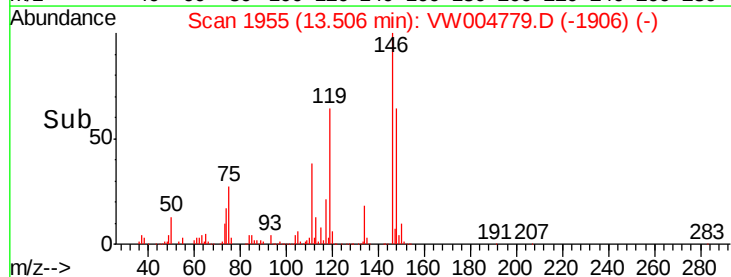
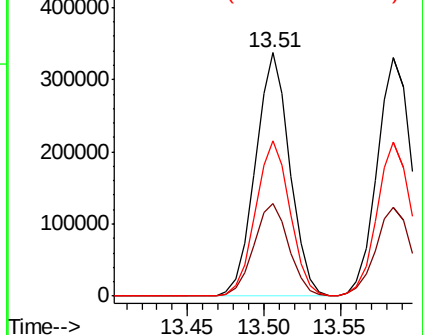
146 100

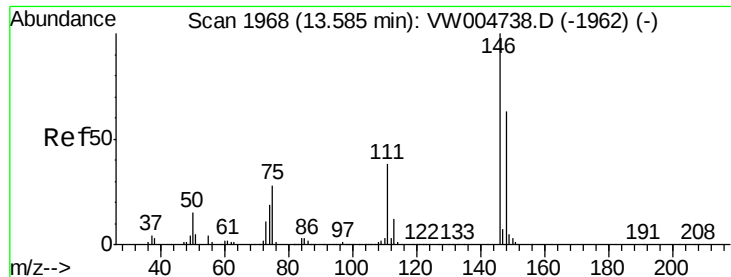
111 38.8 19.8 59.4

148 63.8 31.9 95.9



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

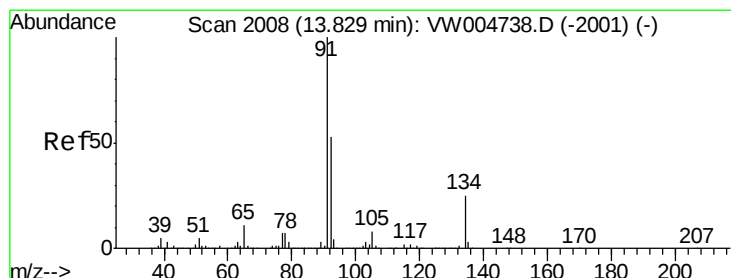
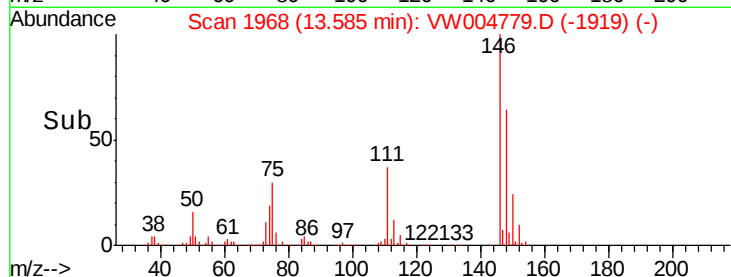
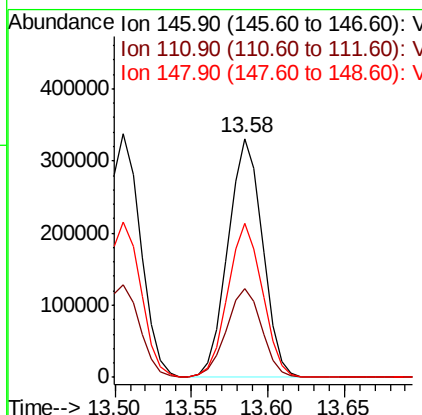
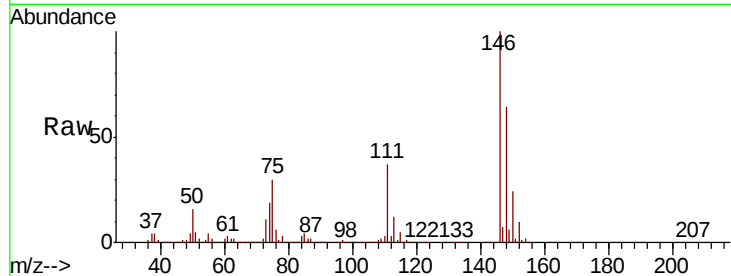




#88
 1,4-Dichlorobenzene
 Concen: 51.79 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

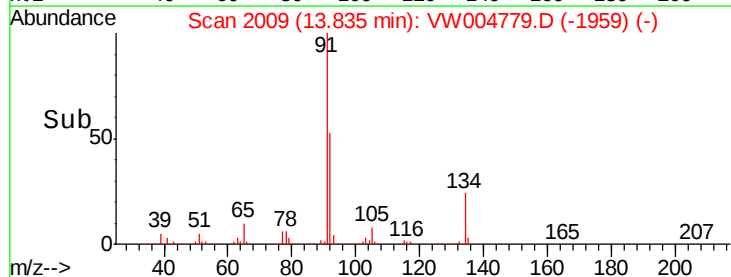
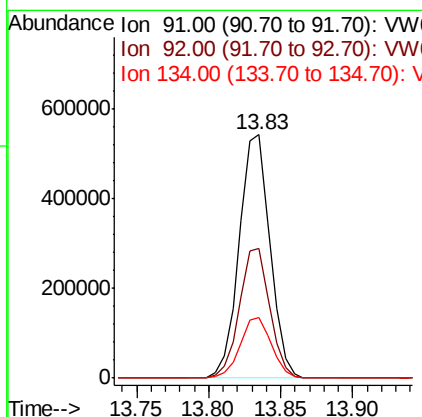
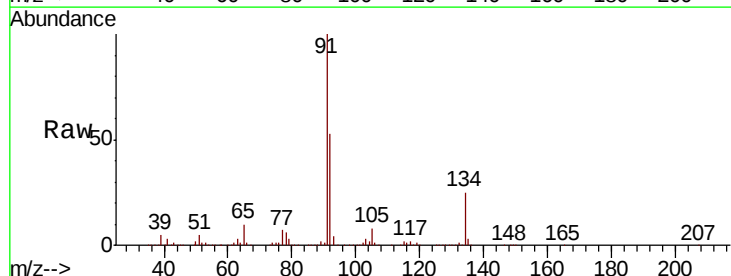
Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

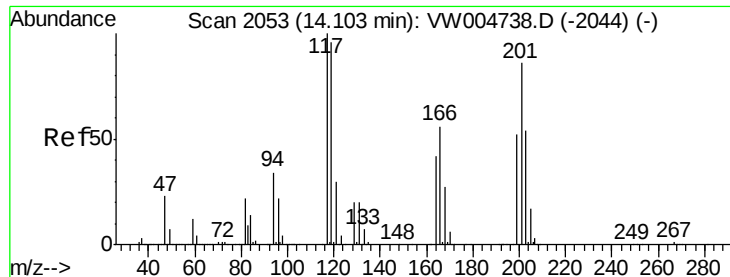
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	64.5	31.8	95.3



#89
 n-Butylbenzene
 Concen: 43.46 ug/l
 RT: 13.83 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	25.0	12.8	38.3





#90

Hexachloroethane

Concen: 51.63 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

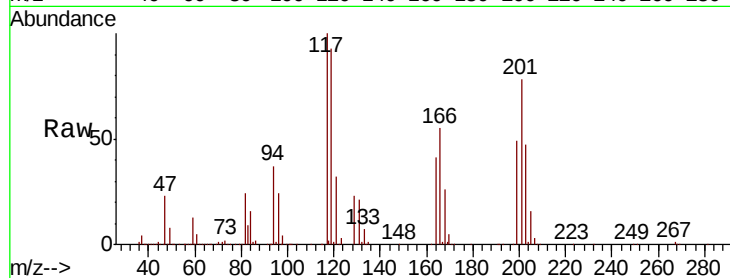
TOD1-SB-01-0-2MS

Tot Ion:117 Resp: 180271

Ion Ratio Lower Upper

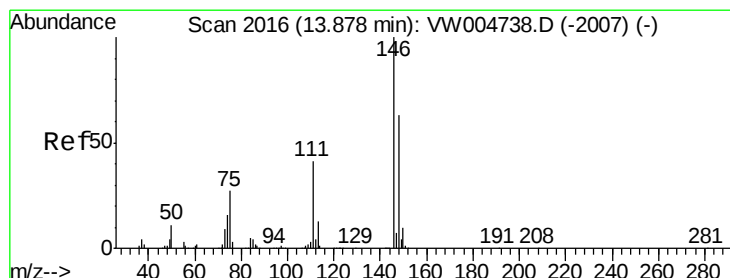
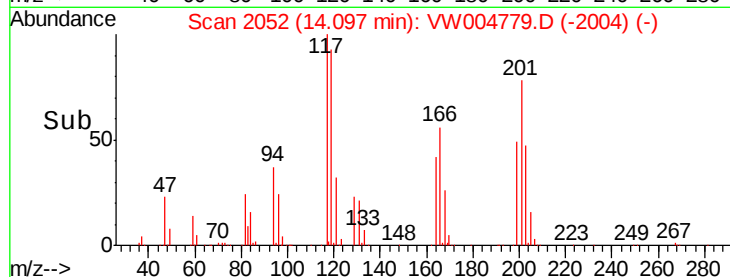
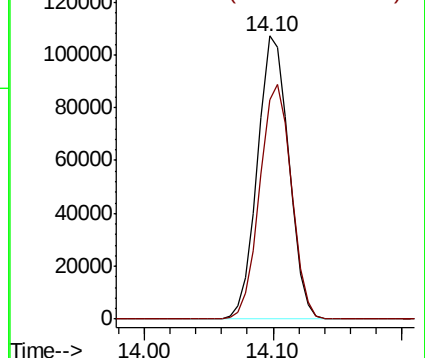
117 100

201 83.7 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 52.91 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

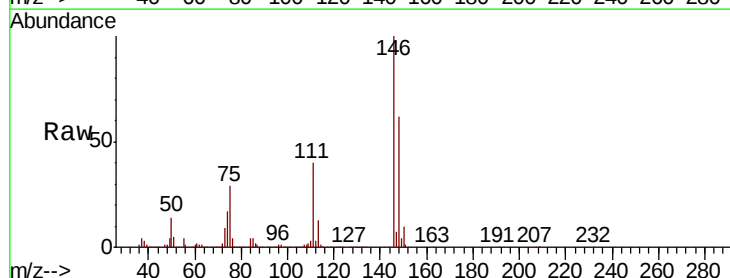
Tgt Ion:146 Resp: 474742

Ion Ratio Lower Upper

146 100

111 40.5 20.4 61.3

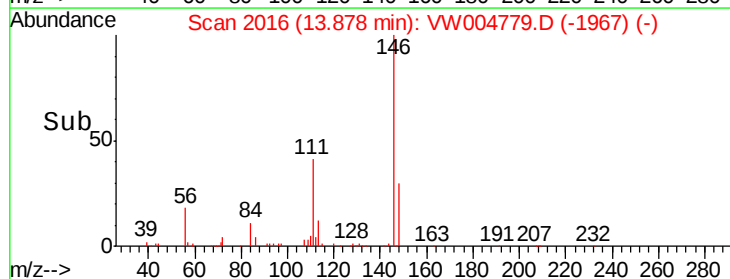
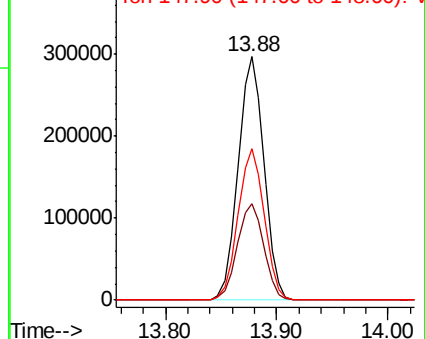
148 63.2 31.6 95.0

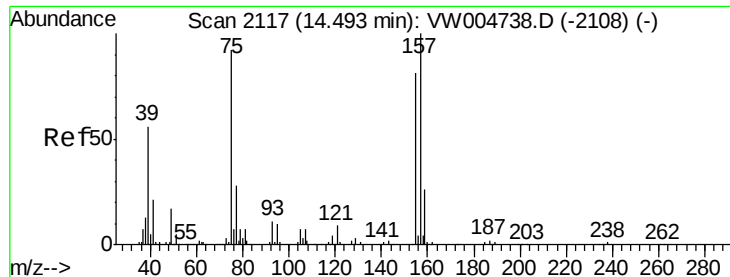


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 69.18 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

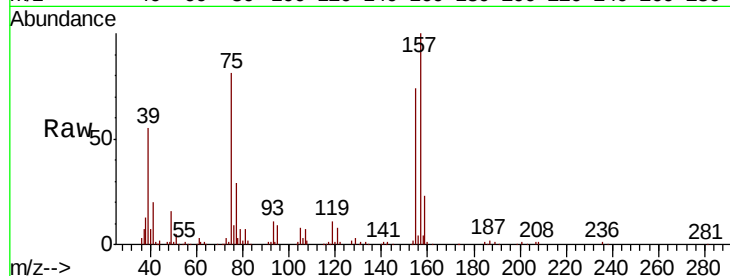
MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

Tot Ion: 75 Resp: 40638

Ion	Ratio	Lower	Upper
75	100		
155	83.6	43.3	129.9
157	111.9	54.5	163.6

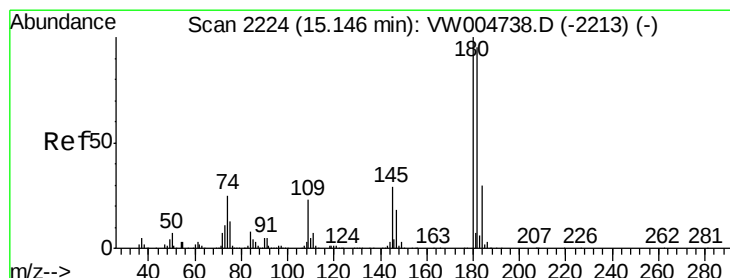
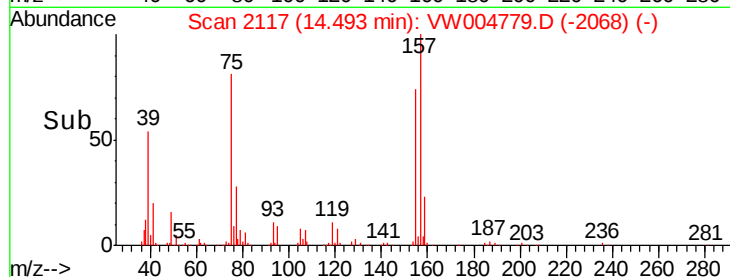
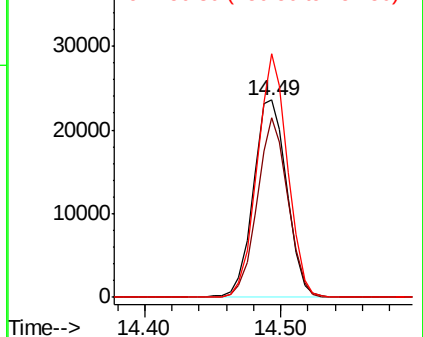


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 30.56 ug/l

RT: 15.14 min Scan# 2223

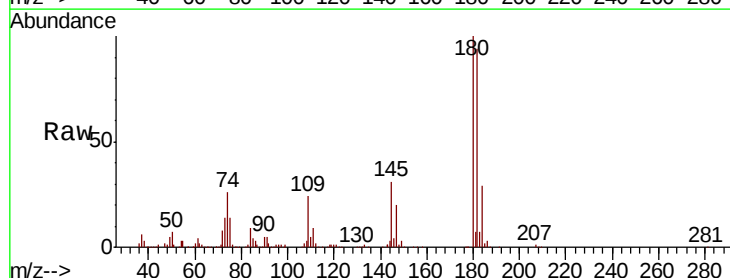
Delta R.T. -0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Tgt Ion: 180 Resp: 193930

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	29.6	14.6	43.8

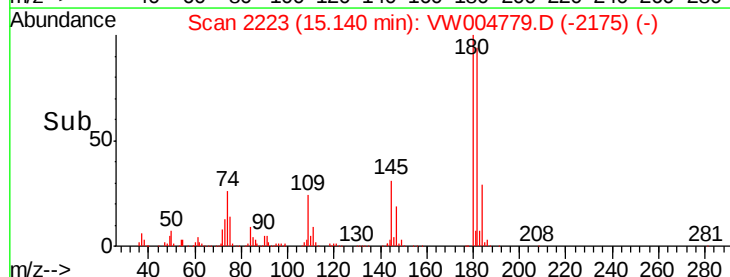
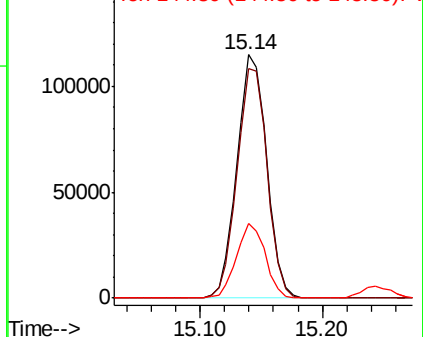


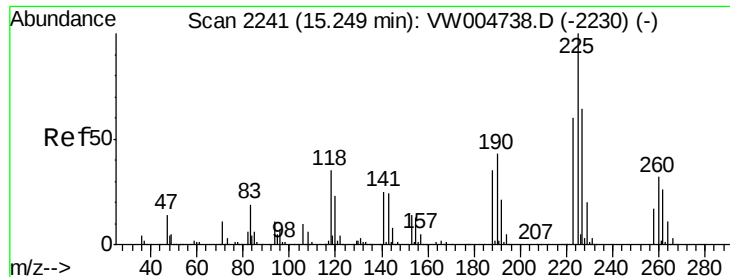
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 29.18 ug/l

RT: 15.24 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

Instrument :

MSVOA_W

ClientSampleId :

TOD1-SB-01-0-2MS

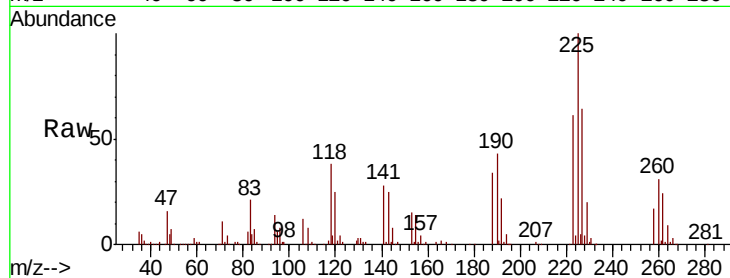
Tot Ion:225 Resp: 113677

Ion Ratio Lower Upper

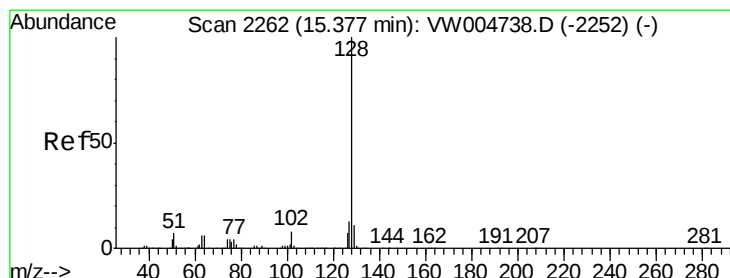
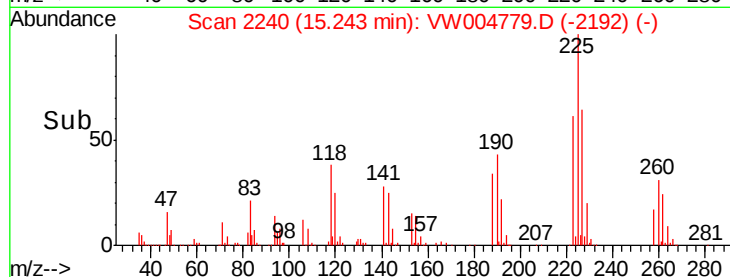
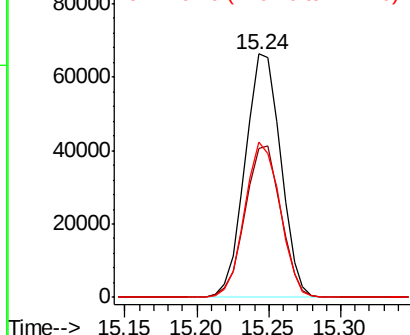
225 100

223 62.6 30.9 92.5

227 63.1 32.0 96.0



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



#95

Naphthalene

Concen: 38.81 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004779.D

Acq: 18 Aug 2018 13:22

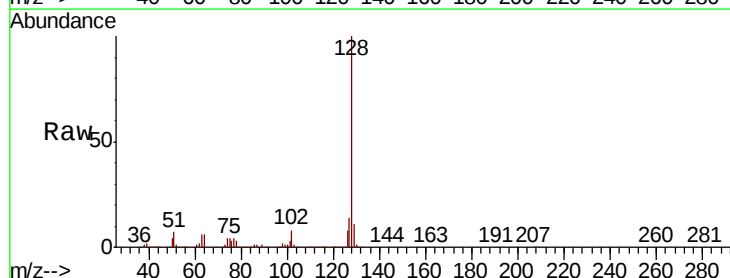
Tgt Ion:128 Resp: 466845

Ion Ratio Lower Upper

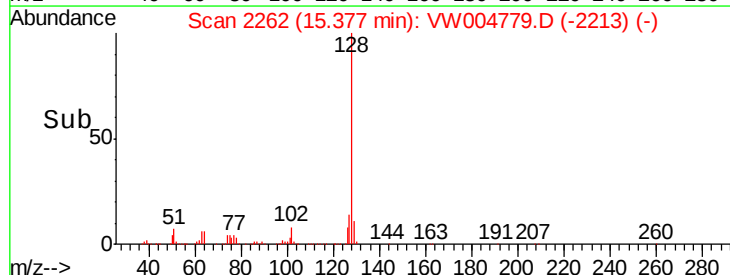
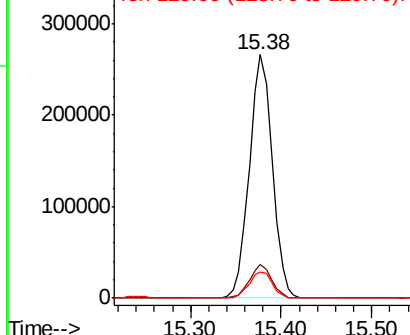
128 100

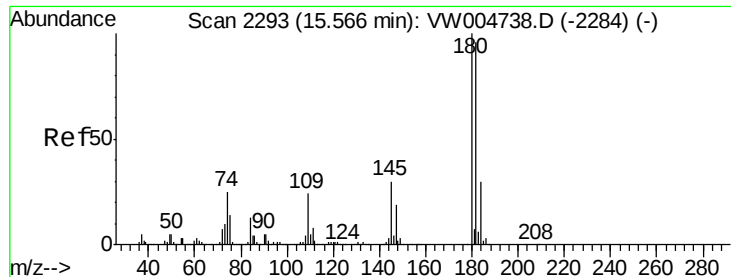
127 13.2 10.4 15.6

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 30.32 ug/l
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VW004779.D
 Acq: 18 Aug 2018 13:22

Instrument :
 MSVOA_W
 ClientSampleId :
 TOD1-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	142.0
145	30.5	15.4	46.1

