

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006546.D
 Acq On : 01 Nov 2018 01:13
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Nov 01 03:08:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	175326	73.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.50%	
35) Dibromofluoromethane	7.88	113	187085	76.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.80%	
50) Toluene-d8	10.33	98	726782	77.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.60%	
62) 4-Bromofluorobenzene	12.62	95	266189	76.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	102041	73.465	ug/l	97
3) Chloromethane	2.22	50	128404	71.290	ug/l	99
4) Vinyl Chloride	2.37	62	178150	69.622	ug/l	99
5) Bromomethane	2.79	94	149617	64.616	ug/l	97
6) Chloroethane	2.93	64	124803	68.283	ug/l	97
7) Trichlorofluoromethane	3.26	101	157833	66.907	ug/l	97
8) Diethyl Ether	3.68	74	85173	68.056	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	170604	68.080	ug/l	100
10) Methyl Iodide	4.26	142	306818	72.785	ug/l	100
11) Tert butyl alcohol	5.23	59	45098	290.722	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	165058	69.746	ug/l	98
13) Acrolein	3.90	56	50478	323.815	ug/l	99
14) Allyl chloride	4.67	41	221955	66.400	ug/l	99
15) Acrylonitrile	5.38	53	154100	337.781	ug/l	99
16) Acetone	4.14	43	133190	265.854	ug/l	99
17) Carbon Disulfide	4.38	76	482857	68.317	ug/l	100
18) Methyl Acetate	4.68	43	77305	65.913	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	236248	65.835	ug/l	100
20) Methylene Chloride	4.91	84	186894	67.133	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	190525	72.057	ug/l	97
22) Diisopropyl ether	6.32	45	453467	68.132	ug/l	98
23) Vinyl Acetate	6.26	43	1263179	323.665	ug/l	99
24) 1,1-Dichloroethane	6.21	63	307674	71.321	ug/l	99
25) 2-Butanone	7.18	43	196123	311.803	ug/l	97
26) 2,2-Dichloropropane	7.16	77	178801	59.902	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	210781	72.016	ug/l	99
28) Bromochloromethane	7.51	49	118036	71.047	ug/l	99
29) Tetrahydrofuran	7.54	42	124285	320.930	ug/l	99
30) Chloroform	7.68	83	335171	71.015	ug/l	98
31) Cyclohexane	7.96	56	257462	60.652	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	285475	67.819	ug/l	100
36) 1,1-Dichloropropene	8.09	75	255385	68.155	ug/l	99
37) Ethyl Acetate	7.26	43	89162	64.359	ug/l	99
38) Carbon Tetrachloride	8.07	117	274895	67.388	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	332894	67.174	ug/l	99
40) Benzene	8.32	78	743650	71.780	ug/l	99
41) Methacrylonitrile	7.49	41	50947	61.450	ug/l	94
42) 1,2-Dichloroethane	8.40	62	208930	69.091	ug/l	99
43) Isopropyl Acetate	8.43	43	178932	63.576	ug/l	99
44) Trichloroethene	9.09	130	229217	72.080	ug/l	99
45) 1,2-Dichloropropane	9.37	63	172408	69.820	ug/l	99
46) Dibromomethane	9.46	93	99347	70.389	ug/l	99
47) Bromodichloromethane	9.65	83	244237	71.620	ug/l	100
48) Methyl methacrylate	9.44	41	86523	64.674	ug/l	99
49) 1,4-Dioxane	9.48	88	30388	1408.072	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	456099	321.862	ug/l	100
52) Toluene	10.39	92	500067	72.016	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	236234	69.813	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	278668	71.588	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	141644	71.553	ug/l	96
56) Ethyl methacrylate	10.65	69	166871	69.229	ug/l	97
57) 1,3-Dichloropropane	10.93	76	231611	70.889	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	384825	401.840	ug/l	100
59) 2-Hexanone	10.97	43	312999	310.665	ug/l	100
60) Dibromochloromethane	11.13	129	178319	72.654	ug/l	100
61) 1,2-Dibromoethane	11.24	107	142269	71.967	ug/l	100
64) Tetrachloroethene	10.87	164	221533	74.107	ug/l	99
65) Chlorobenzene	11.66	112	583566	71.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	209537	72.207	ug/l	99
67) Ethyl Benzene	11.74	91	982582	69.613	ug/l	99
68) m/p-Xylenes	11.84	106	796002	142.391	ug/l	100
69) o-Xylene	12.17	106	380726	71.431	ug/l	99
70) Styrene	12.18	104	625868	72.134	ug/l	99
71) Bromoform	12.35	173	113785	70.869	ug/l	99
73) Isopropylbenzene	12.47	105	1045579	68.609	ug/l	100
74) N-amyl acetate	12.27	43	178700	61.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	157861	68.089	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	204578	121.645	ug/l #	100
77) Bromobenzene	12.75	156	265878	70.786	ug/l	99
78) n-propylbenzene	12.81	91	1205933	68.221	ug/l	100
79) 2-Chlorotoluene	12.90	91	685655	68.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	890592	69.422	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45016	66.116	ug/l	99
82) 4-Chlorotoluene	12.99	91	730410	69.874	ug/l	99
83) tert-Butylbenzene	13.21	119	792522	69.012	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	907442	69.693	ug/l	100
85) sec-Butylbenzene	13.39	105	1103740	68.234	ug/l	100
86) p-Isopropyltoluene	13.51	119	1015447	69.343	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	529757	70.880	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	522173	70.217	ug/l	100
89) n-Butylbenzene	13.83	91	900678	67.441	ug/l	99
90) Hexachloroethane	14.10	117	170296	68.998	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	470056	70.488	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25758	62.986	ug/l	98

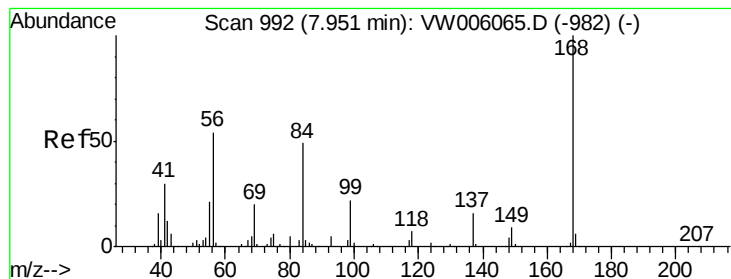
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:03:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	358376	69.791	ug/l	100
94) Hexachlorobutadiene	15.24	225	218961	68.317	ug/l	100
95) Naphthalene	15.38	128	584429	68.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	311429	70.020	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

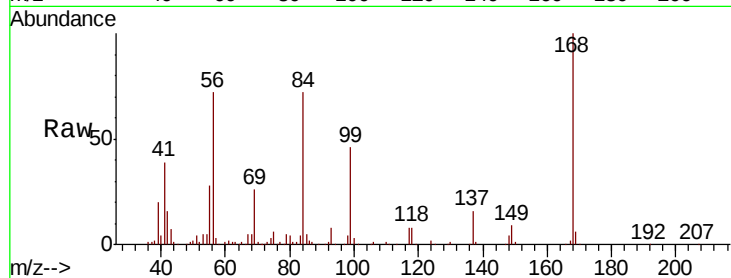
VSTDIC075

Tgt Ion:168 Resp: 283961

Ion Ratio Lower Upper

168 100

99 46.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

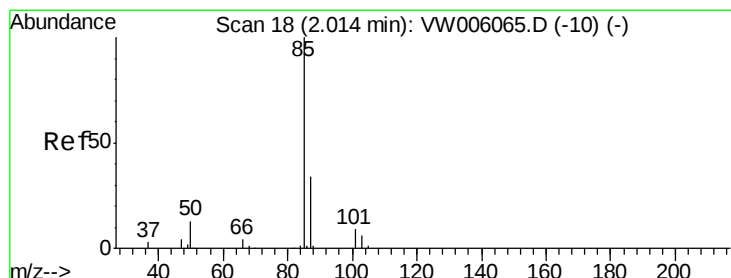
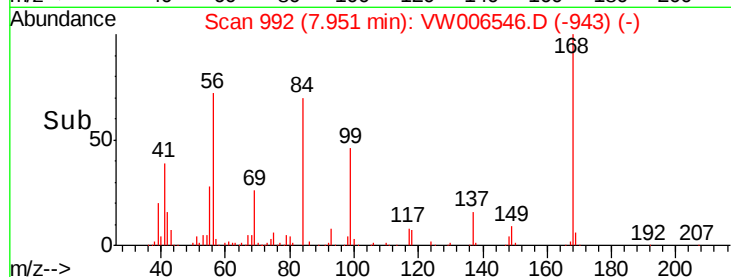
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 73.465 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006546.D

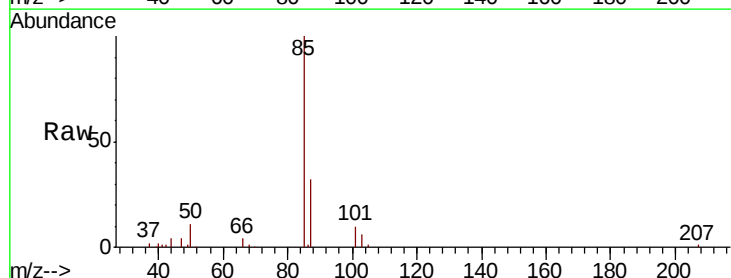
Acq: 01 Nov 2018 01:13

Tgt Ion: 85 Resp: 102041

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

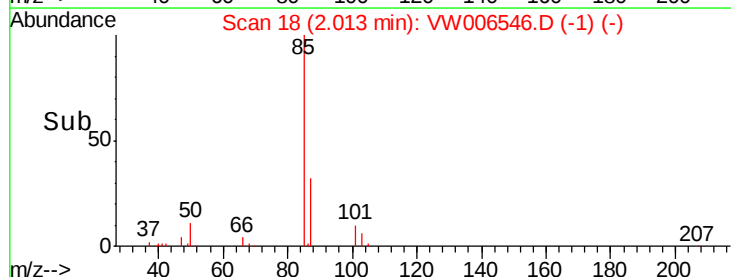
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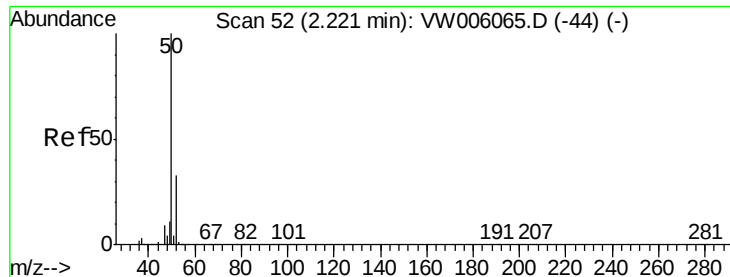
5000

0

2.00 2.20

Time-->

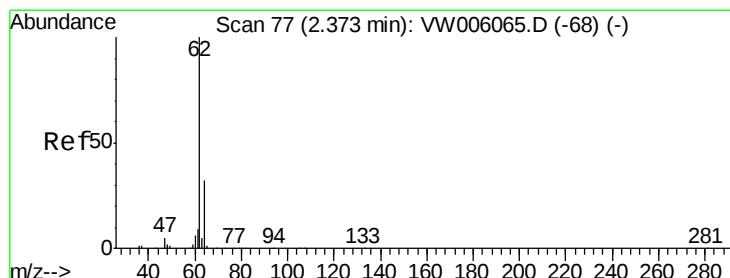
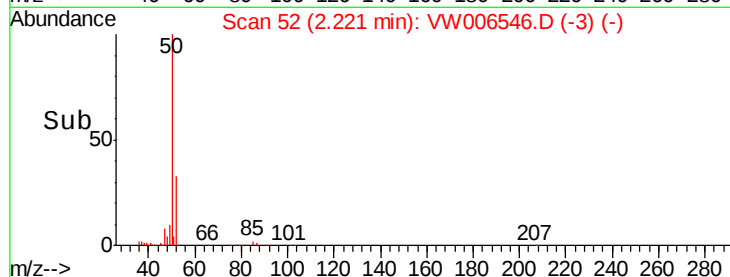
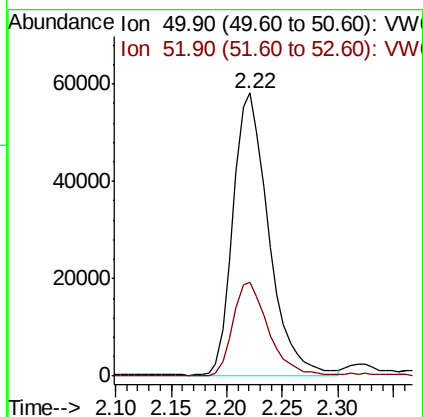
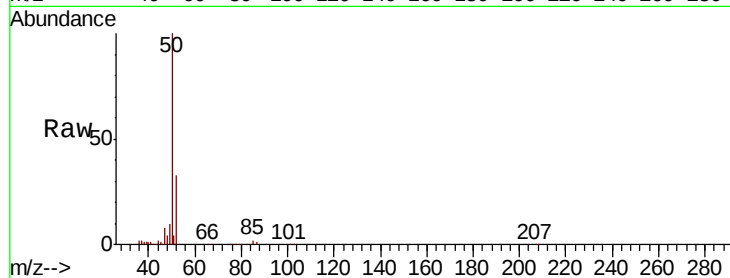




#3
Chloromethane
Concen: 71.290 ug/l
RT: 2.22 min Scan# 52
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

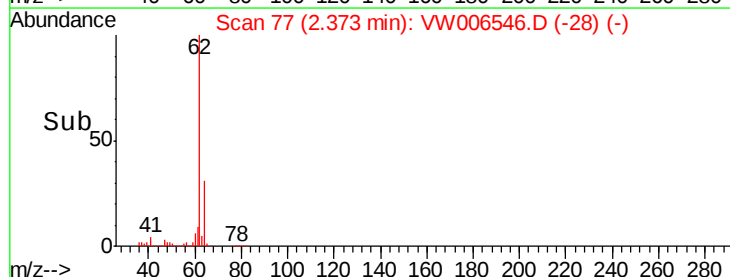
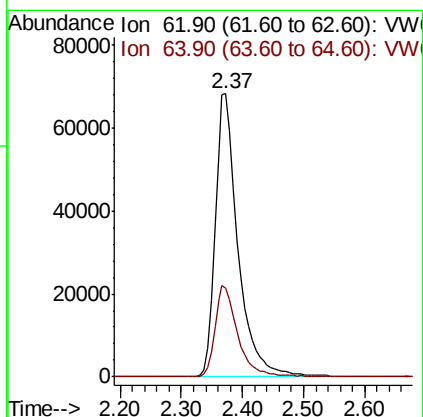
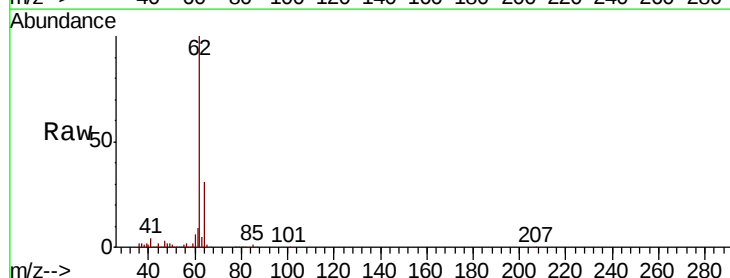
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

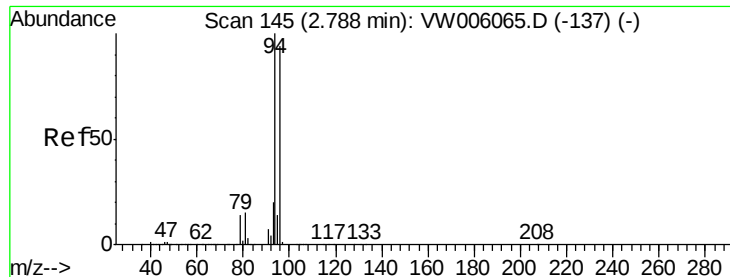
Tgt Ion: 50 Resp: 128404
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.4



#4
Vinyl Chloride
Concen: 69.622 ug/l
RT: 2.37 min Scan# 77
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 62 Resp: 178150
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5

Bromomethane

Concen: 64.616 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

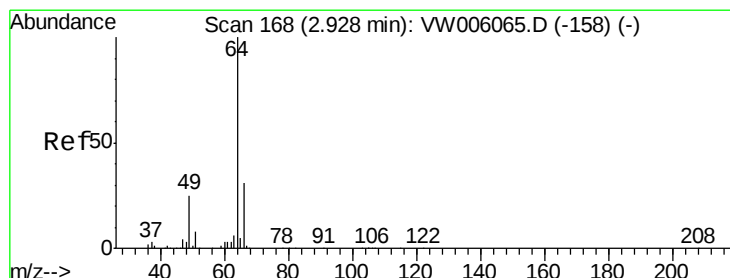
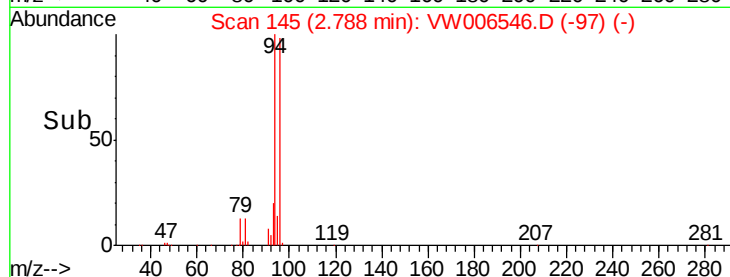
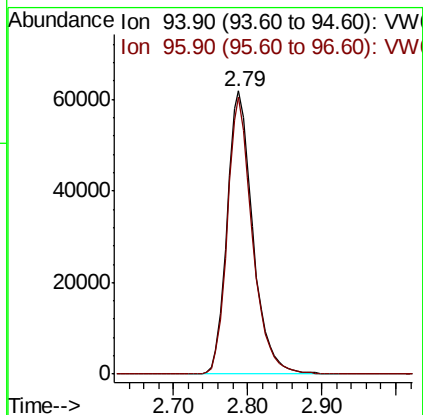
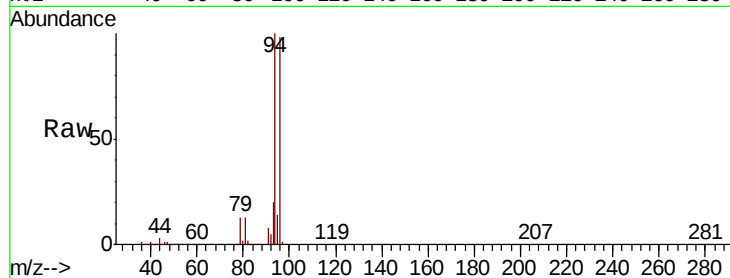
VSTDIC075

Tgt Ion: 94 Resp: 149617

Ion Ratio Lower Upper

94 100

96 97.7 75.7 113.5



#6

Chloroethane

Concen: 68.283 ug/l

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW006546.D

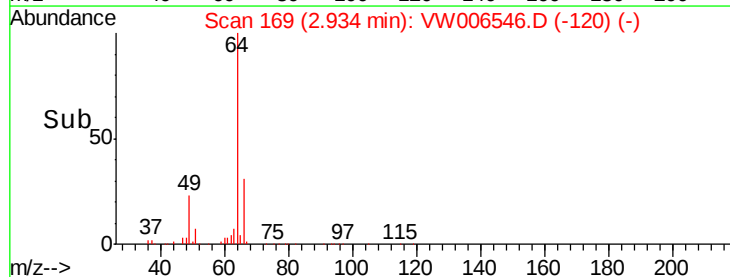
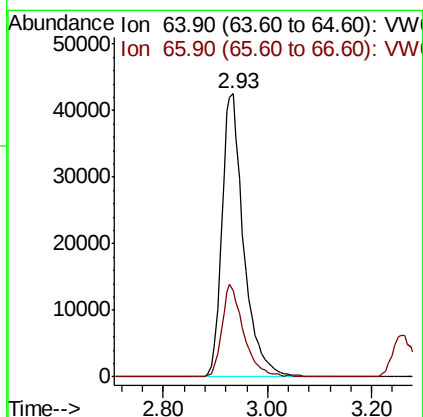
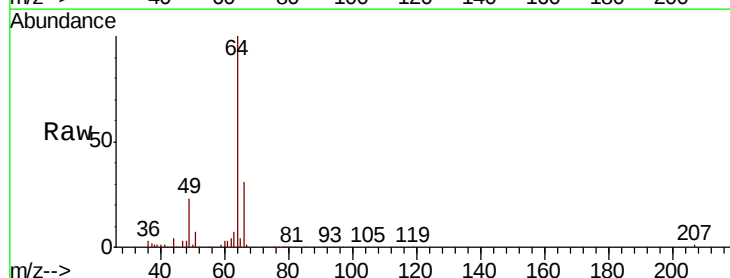
Acq: 01 Nov 2018 01:13

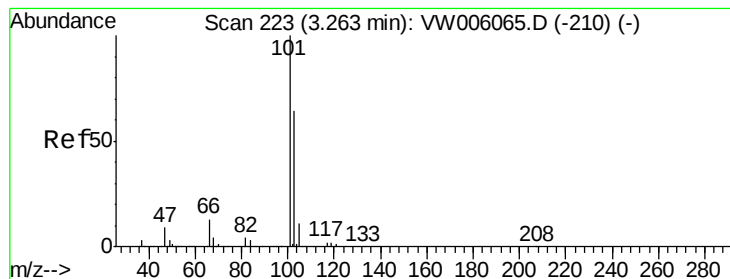
Tgt Ion: 64 Resp: 124803

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9



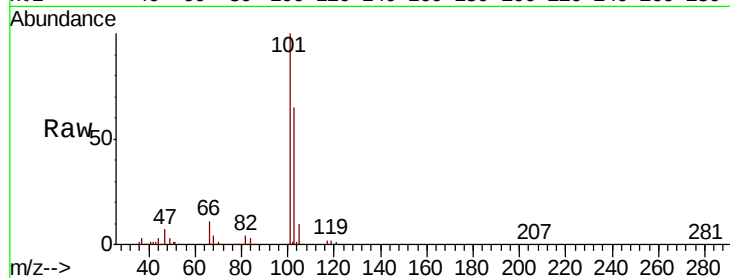


#7

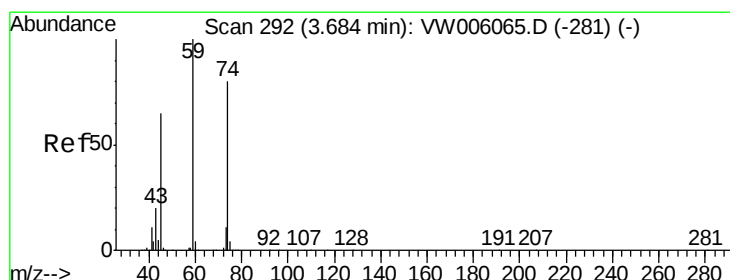
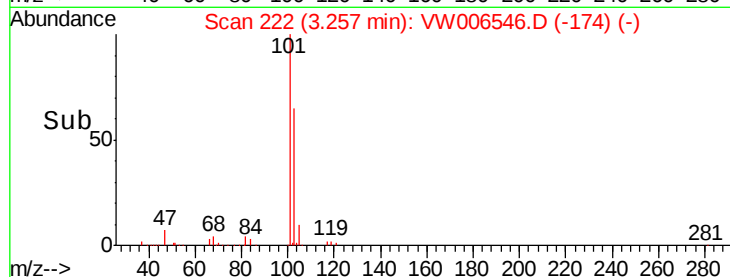
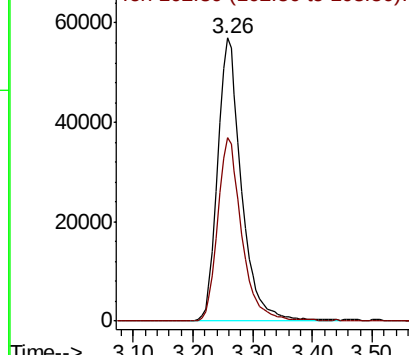
Trichlorofluoromethane
Concen: 66.907 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
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VSTDIC075

Tgt Ion: 101 Resp: 157833
Ion Ratio Lower Upper
101 100
103 65.0 49.8 74.8



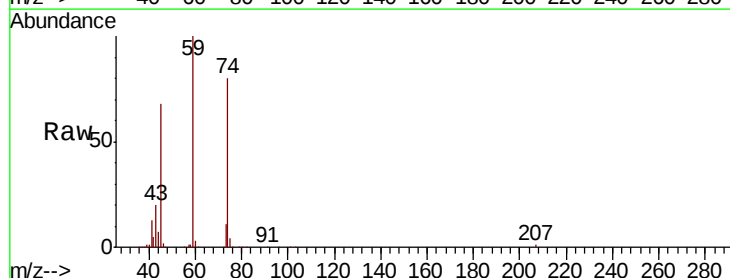
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



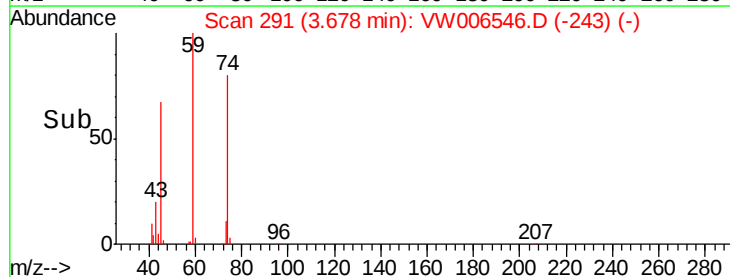
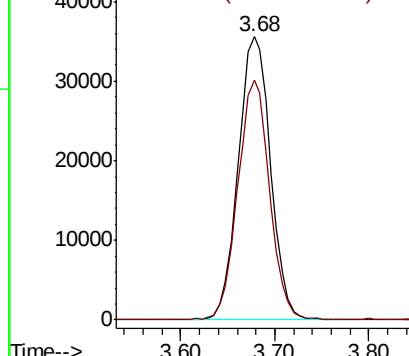
#8

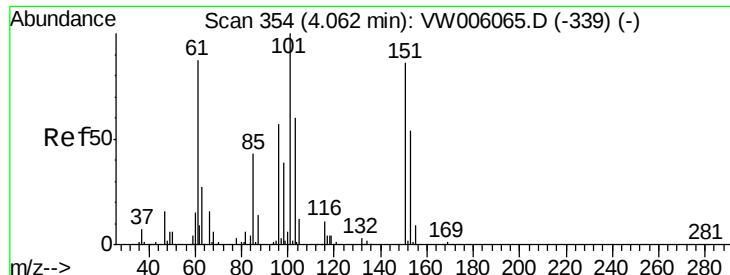
Diethyl Ether
Concen: 68.056 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 74 Resp: 85173
Ion Ratio Lower Upper
74 100
45 83.8 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.080 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

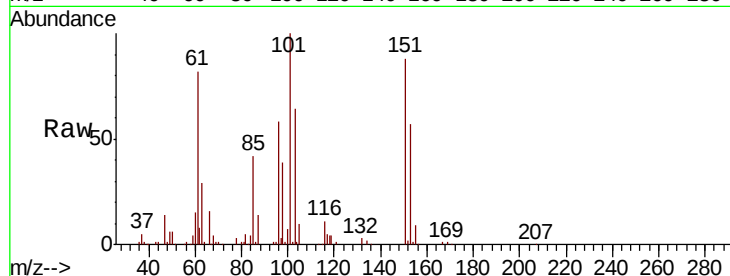
Tgt Ion:101 Resp: 170604

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

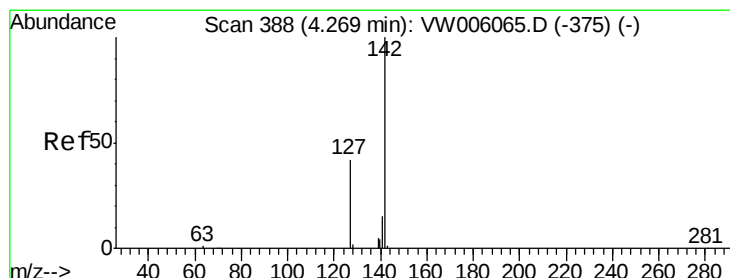
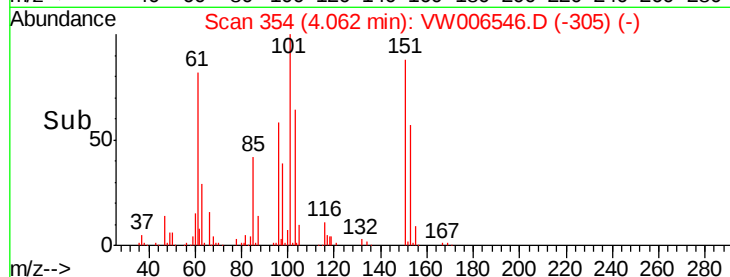
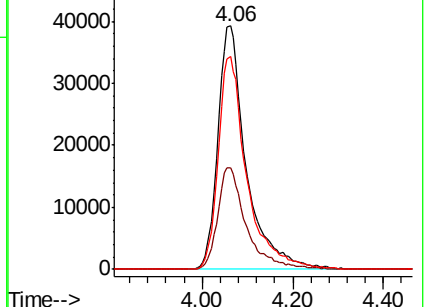
151 88.1 70.7 106.1



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: 72.785 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

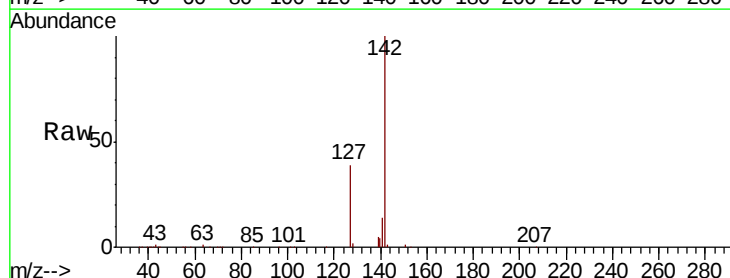
Tgt Ion:142 Resp: 306818

Ion Ratio Lower Upper

142 100

127 40.4 32.3 48.5

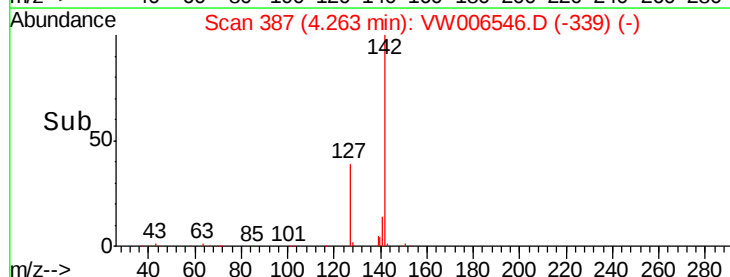
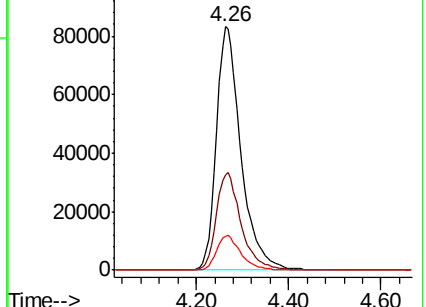
141 14.2 11.3 16.9

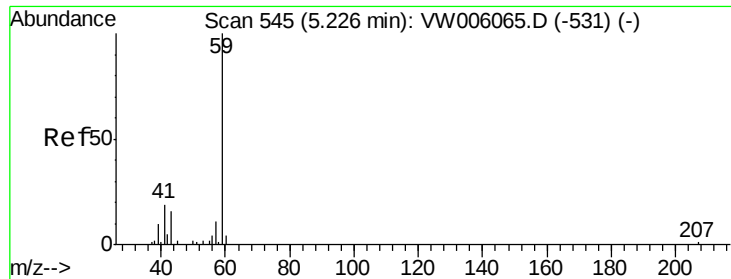


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



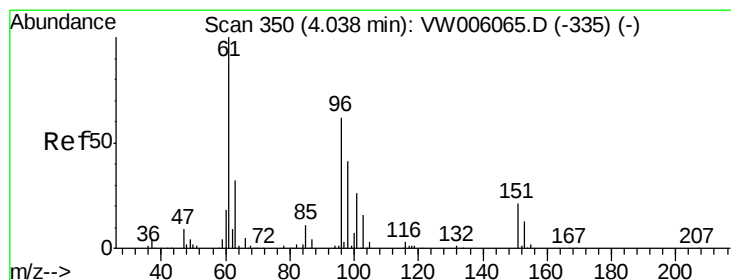
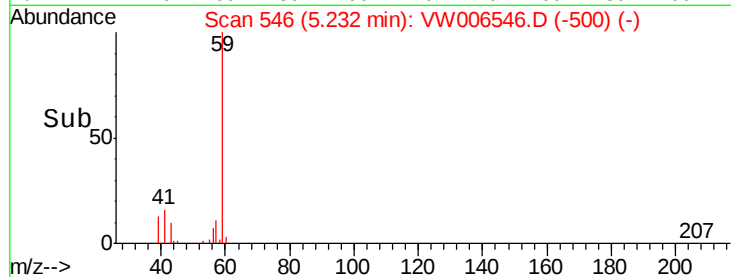
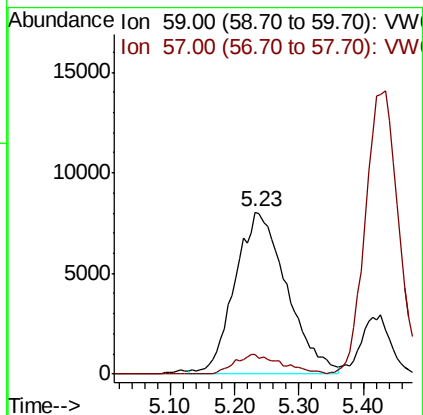
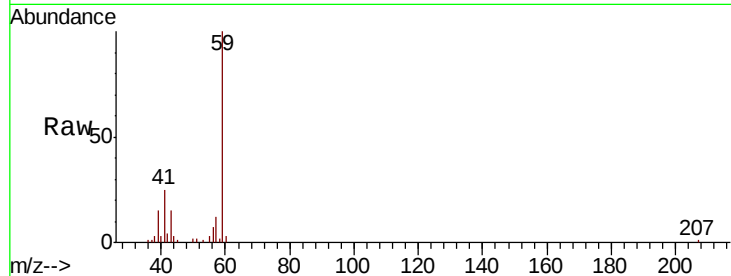


#11

Tert butyl alcohol
 Concen: 290.722 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

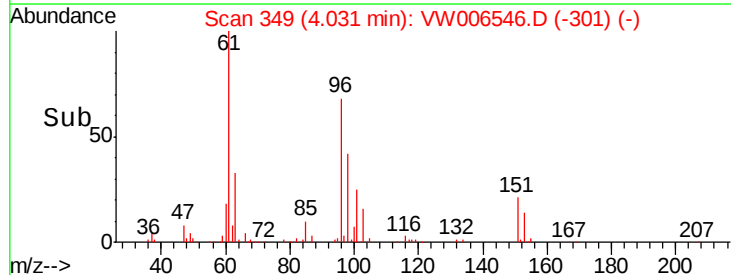
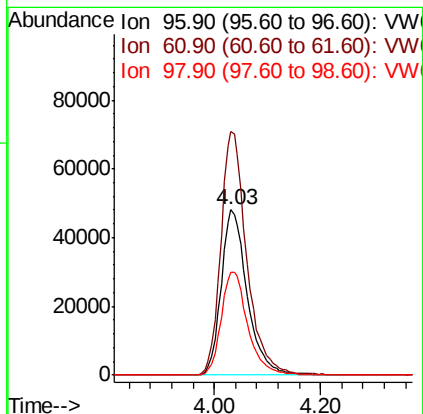
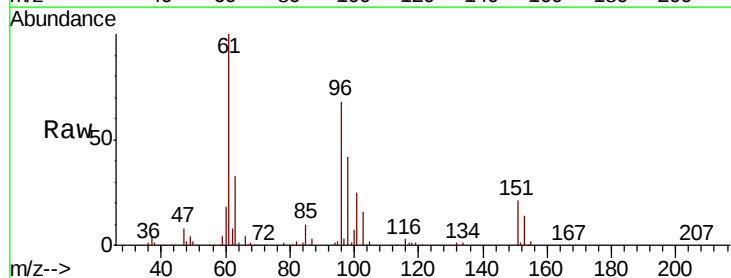
Tgt Ion: 59 Resp: 45098
 Ion Ratio Lower Upper
 59 100
 57 11.1 4.3 6.5#

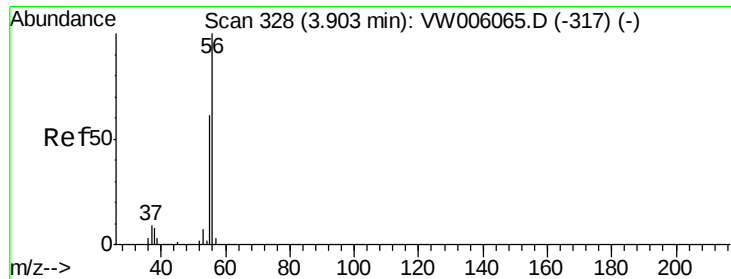


#12

1,1-Dichloroethene
 Concen: 69.746 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion: 96 Resp: 165058
 Ion Ratio Lower Upper
 96 100
 61 147.2 117.0 175.4
 98 62.0 52.5 78.7





#13

Acrolein

Concen: 323.815 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

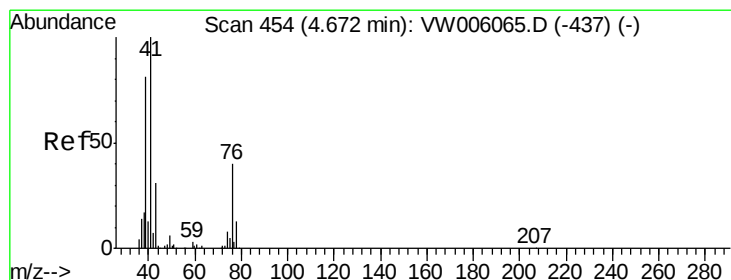
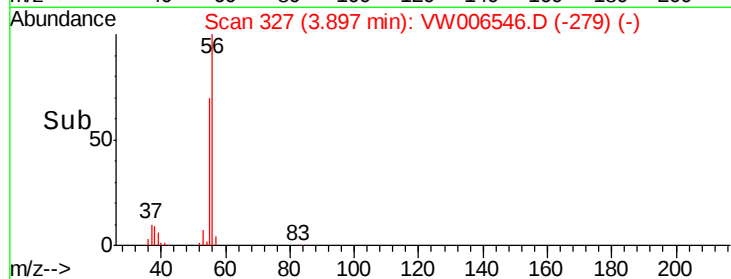
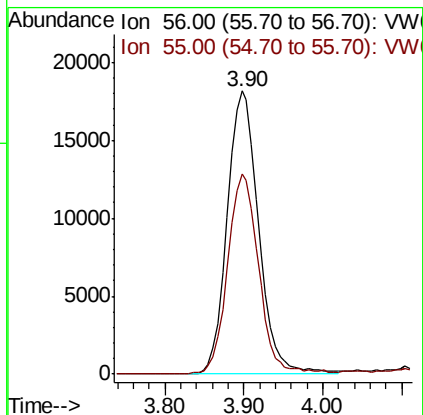
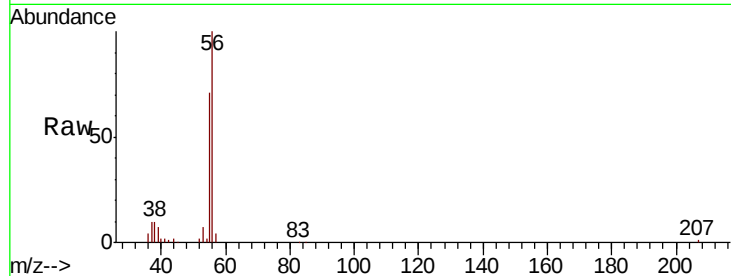
VSTDIC075

Tgt Ion: 56 Resp: 50478

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 66.400 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

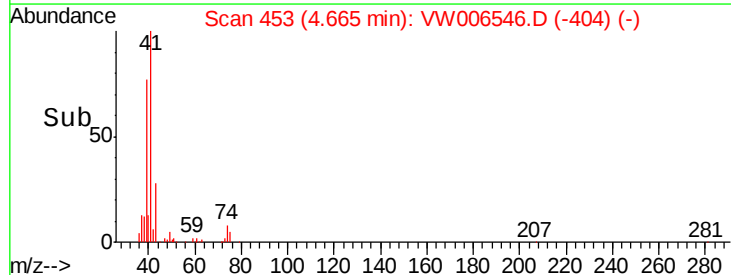
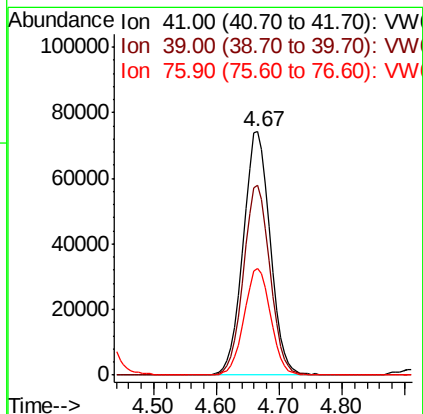
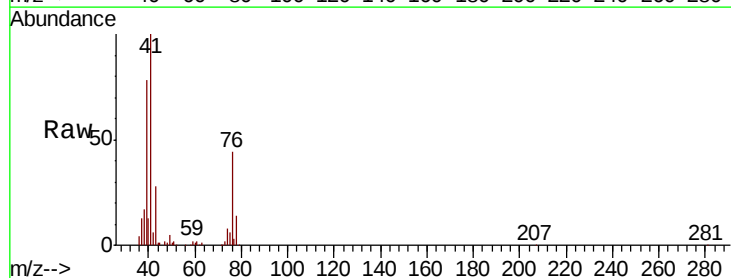
Tgt Ion: 41 Resp: 221955

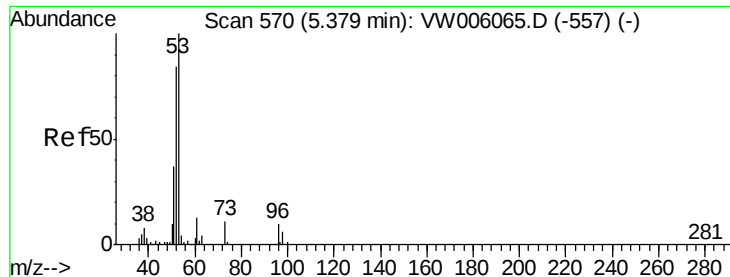
Ion Ratio Lower Upper

41 100

39 76.4 62.1 93.1

76 42.8 34.2 51.2





#15

Acrylonitrile

Concen: 337.781 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

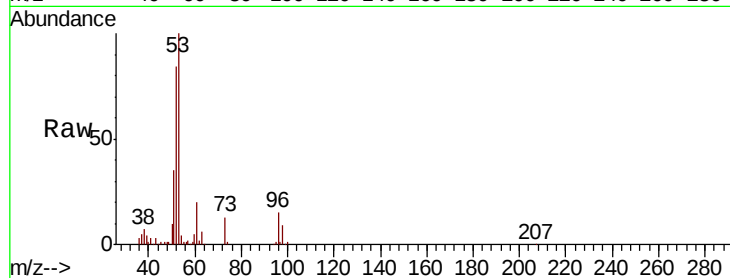
Tgt Ion: 53 Resp: 154100

Ion Ratio Lower Upper

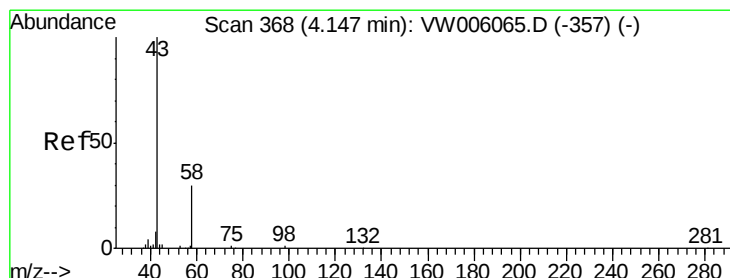
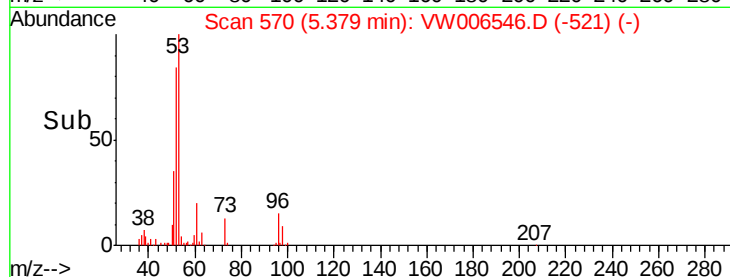
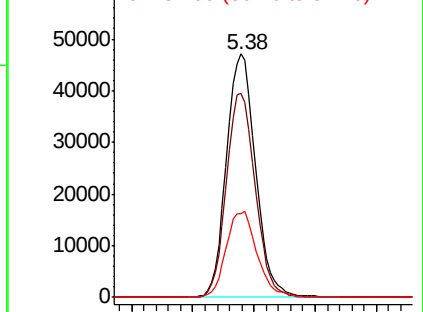
53 100

52 83.5 65.8 98.8

51 37.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 265.854 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006546.D

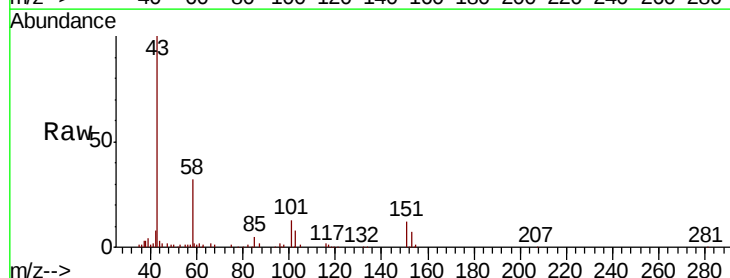
Acq: 01 Nov 2018 01:13

Tgt Ion: 43 Resp: 133190

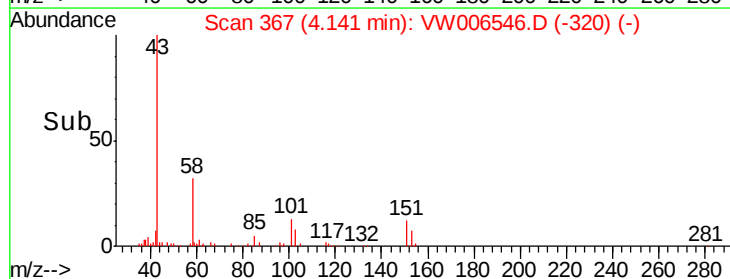
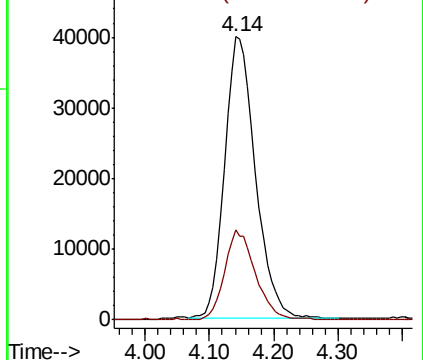
Ion Ratio Lower Upper

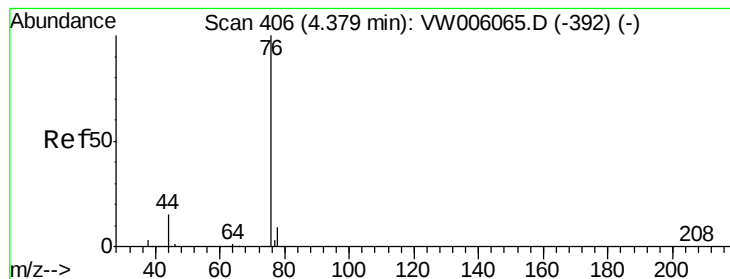
43 100

58 32.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 68.317 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

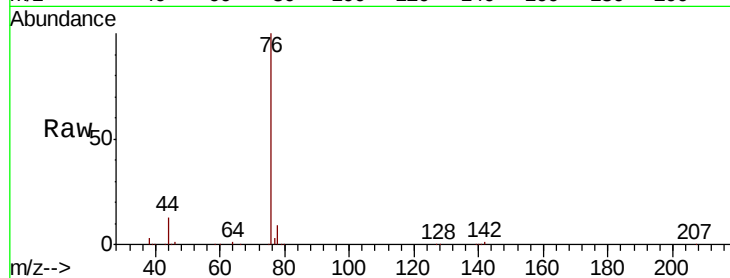
VSTDIC075

Tgt Ion: 76 Resp: 482857

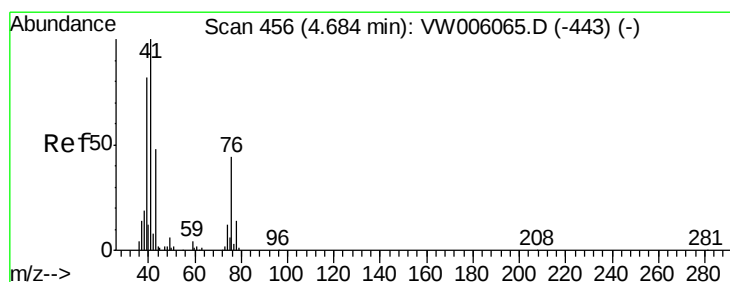
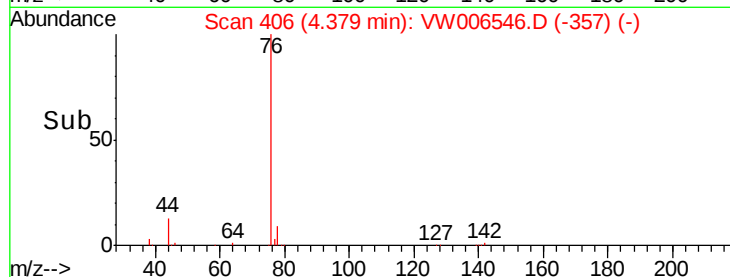
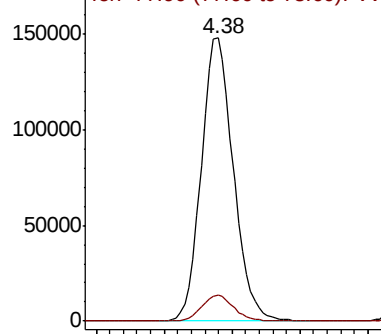
Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 65.913 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006546.D

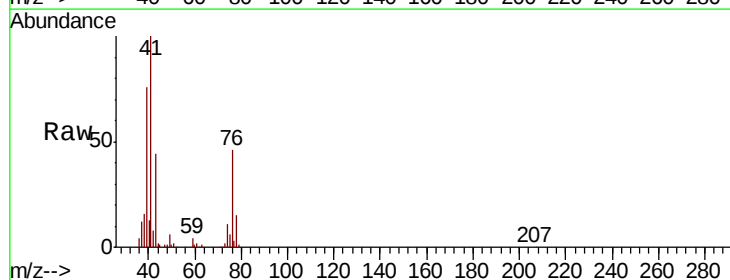
Acq: 01 Nov 2018 01:13

Tgt Ion: 43 Resp: 77305

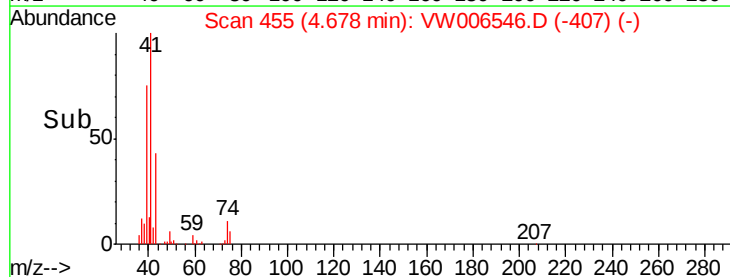
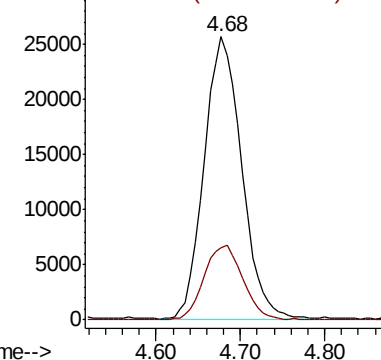
Ion Ratio Lower Upper

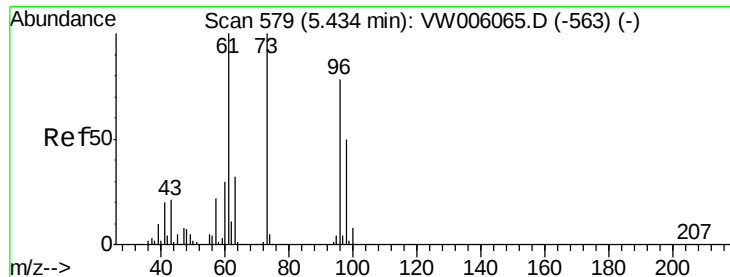
43 100

74 27.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

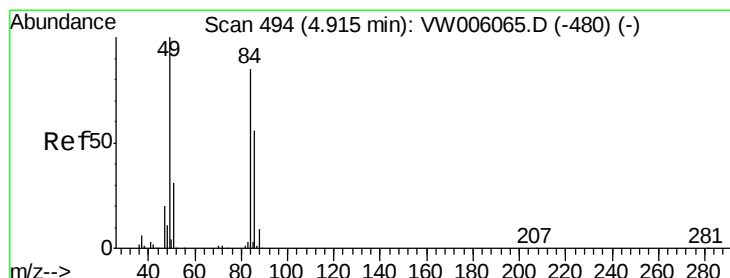
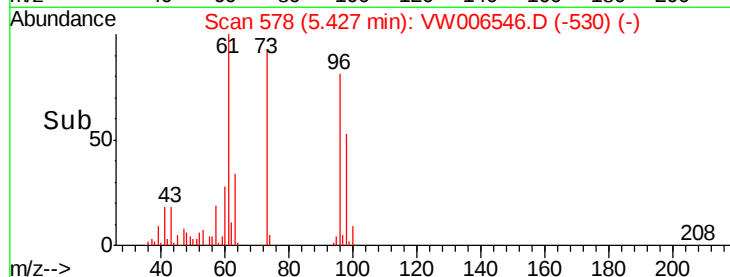
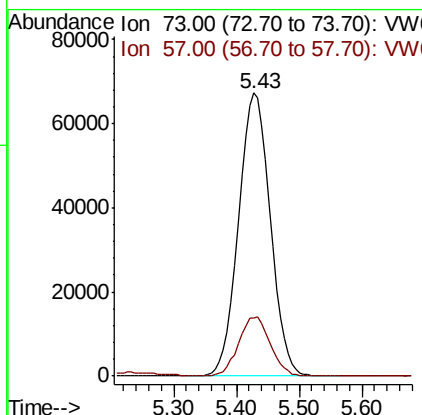
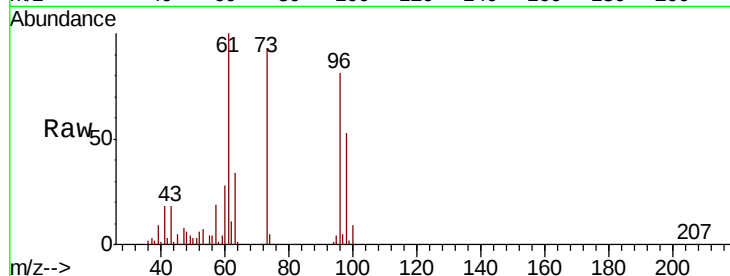




#19
Methyl tert-butyl Ether
Concen: 65.835 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

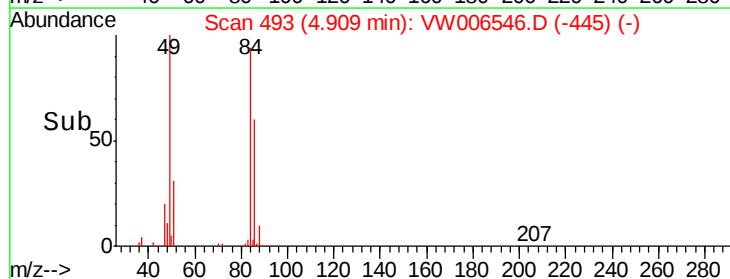
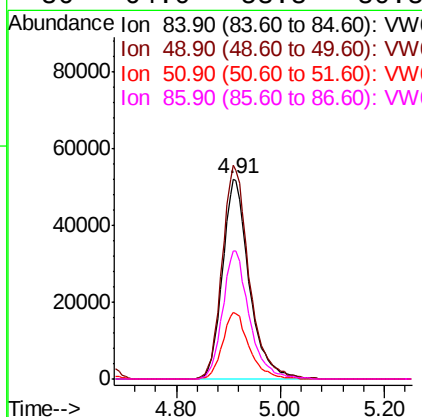
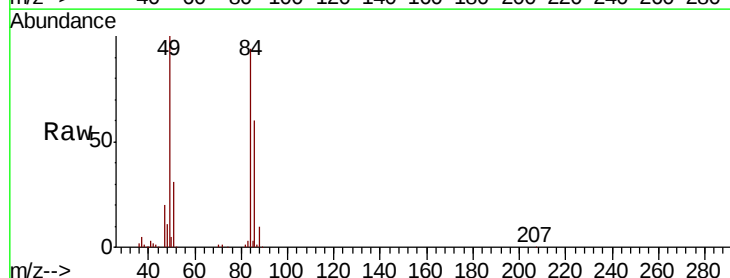
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

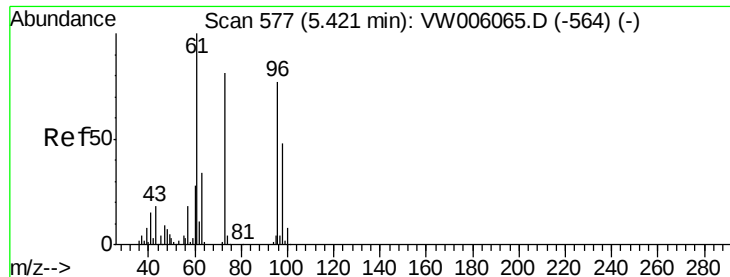
Tgt Ion: 73 Resp: 236248
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1



#20
Methylene Chloride
Concen: 67.133 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 84 Resp: 186894
Ion Ratio Lower Upper
84 100
49 106.9 88.2 132.4
51 33.4 27.0 40.6
86 64.0 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 72.057 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

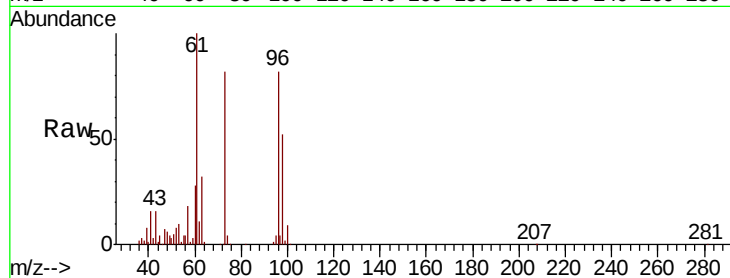
Tgt Ion: 96 Resp: 190525

Ion Ratio Lower Upper

96 100

61 122.2 100.6 150.8

98 63.5 52.9 79.3

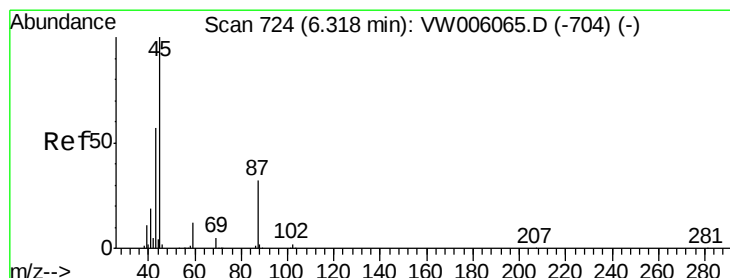
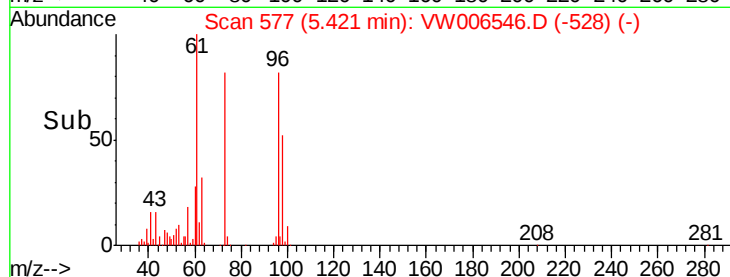
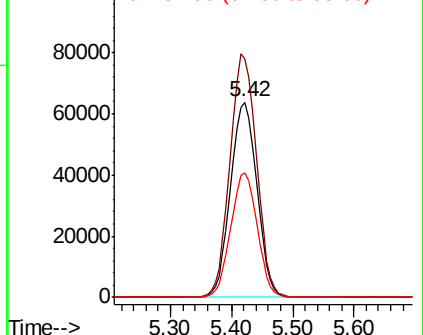


Abundance

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: 68.132 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion: 45 Resp: 453467

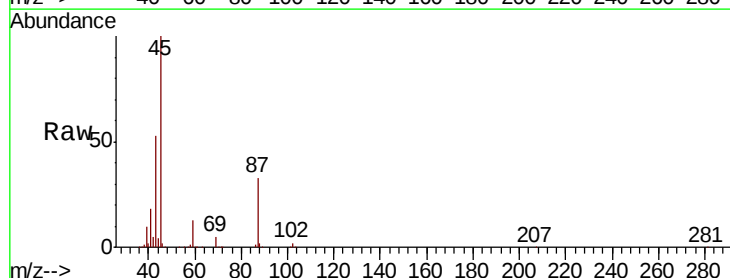
Ion Ratio Lower Upper

45 100

43 52.4 43.6 65.4

87 32.8 26.3 39.5

59 12.3 9.8 14.8



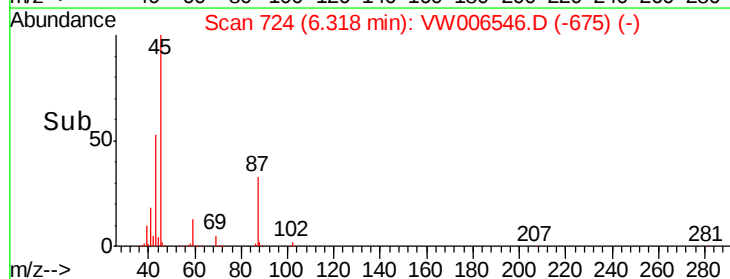
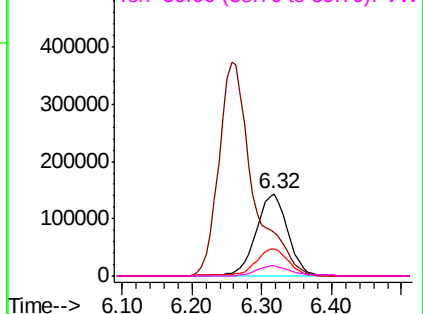
Abundance

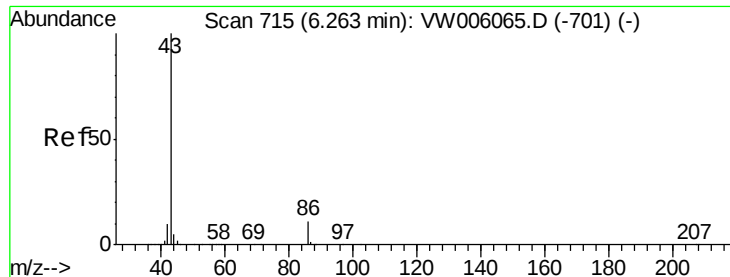
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 323.665 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

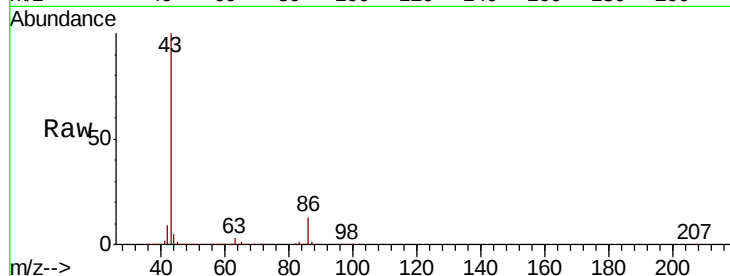
VSTDIC075

Tgt Ion: 43 Resp: 1263179

Ion Ratio Lower Upper

43 100

86 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

400000

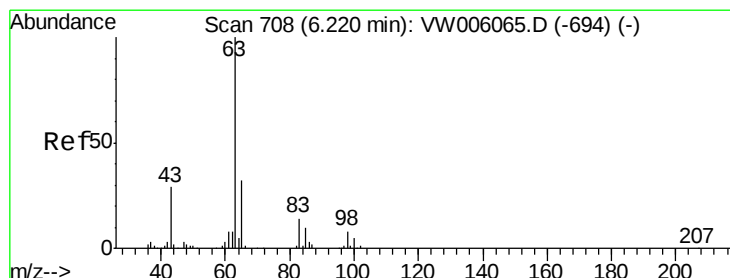
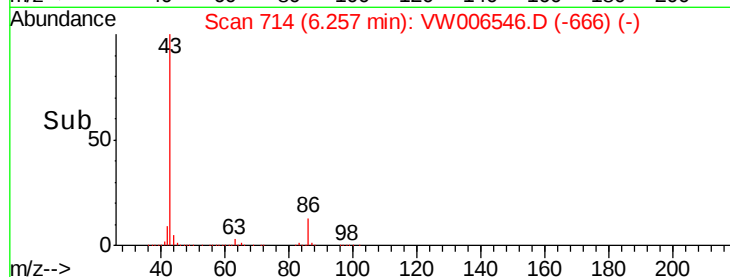
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 71.321 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

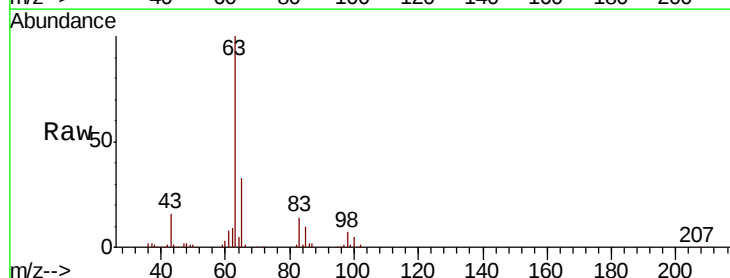
Tgt Ion: 63 Resp: 307674

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.9 2.4 7.2



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

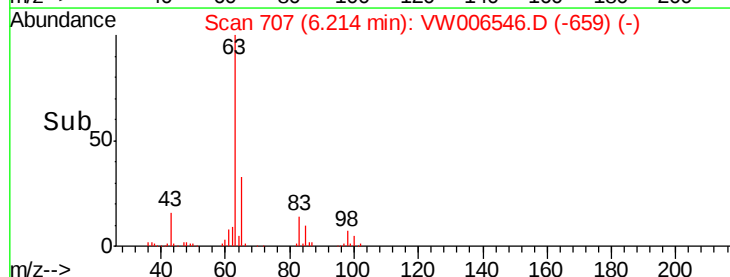
6.21

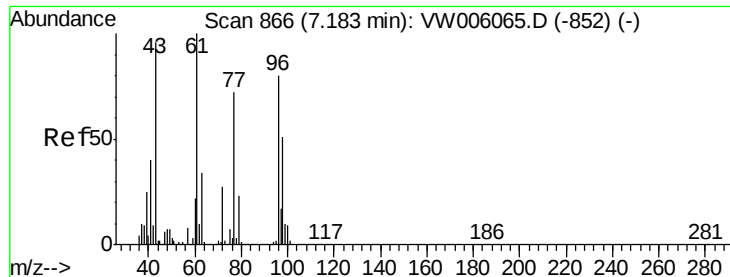
100000

50000

0

Time-->

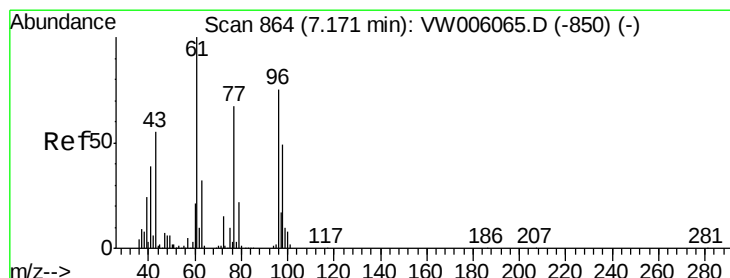
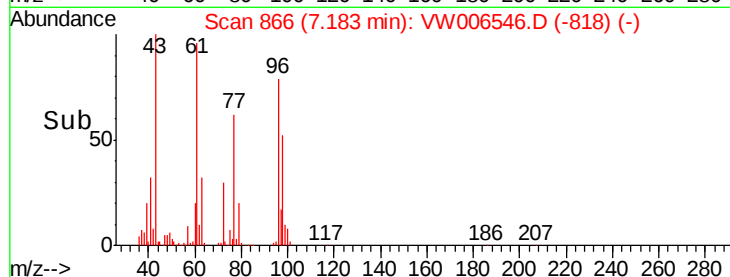
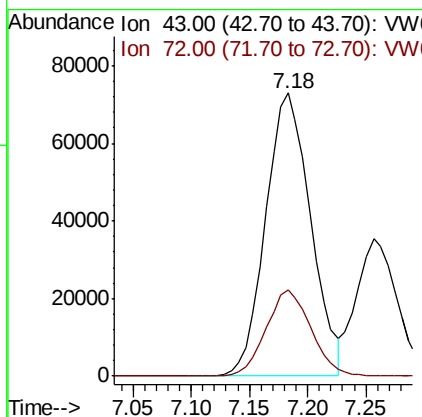
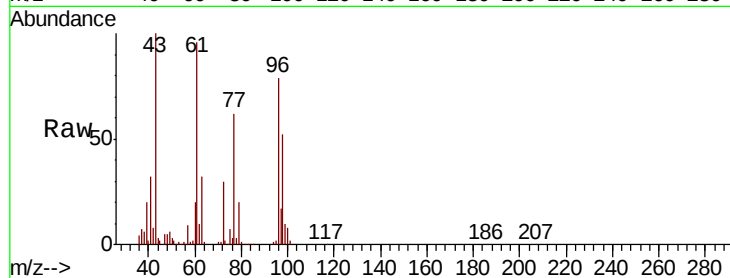




#25
2-Butanone
Concen: 311.803 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

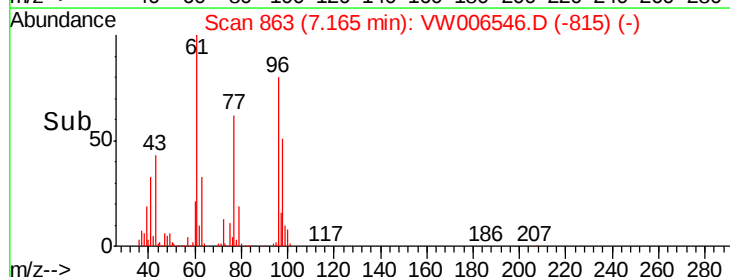
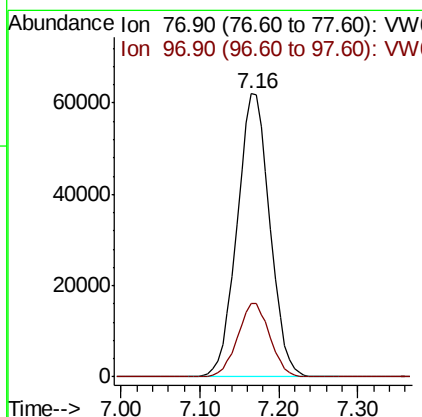
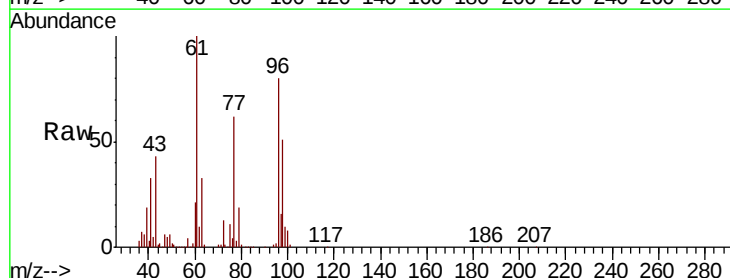
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

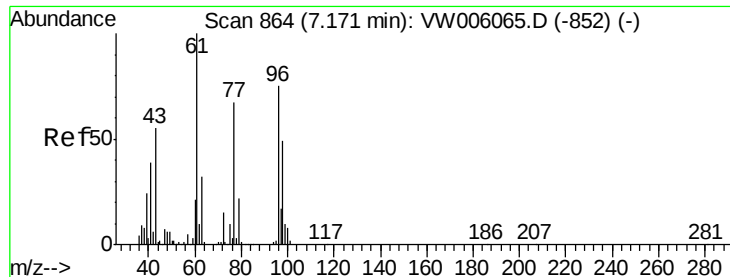
Tgt Ion: 43 Resp: 196123
Ion Ratio Lower Upper
43 100
72 30.4 23.2 34.8



#26
2,2-Dichloropropane
Concen: 59.902 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 77 Resp: 178801
Ion Ratio Lower Upper
77 100
97 25.5 12.8 38.4



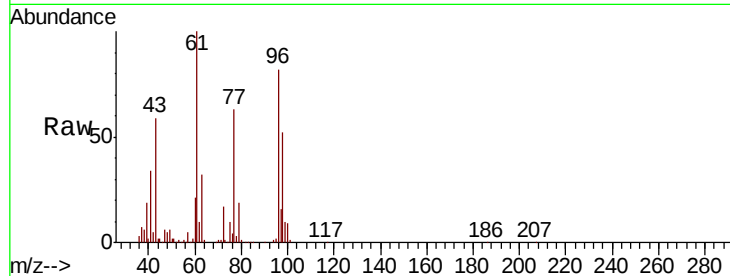


#27

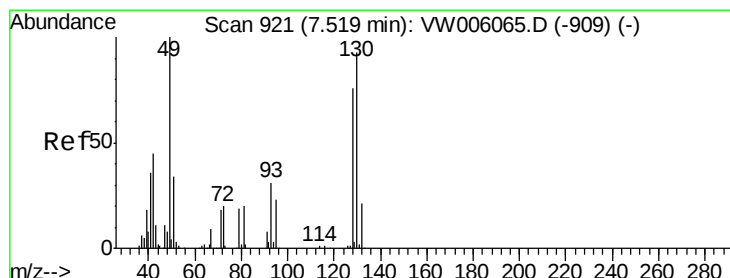
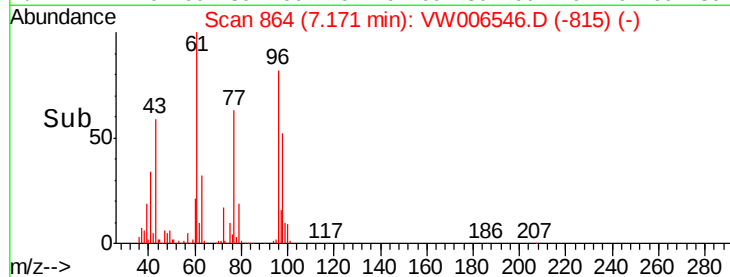
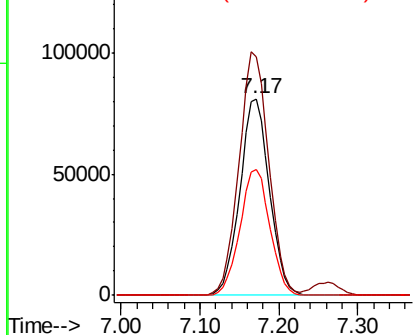
cis-1,2-Dichloroethene
 Concen: 72.016 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	254.2
98	65.0	0.0	129.6



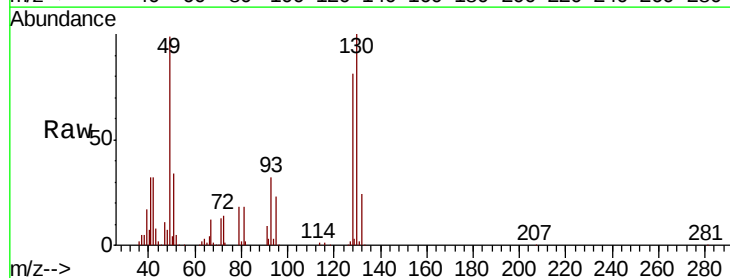
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



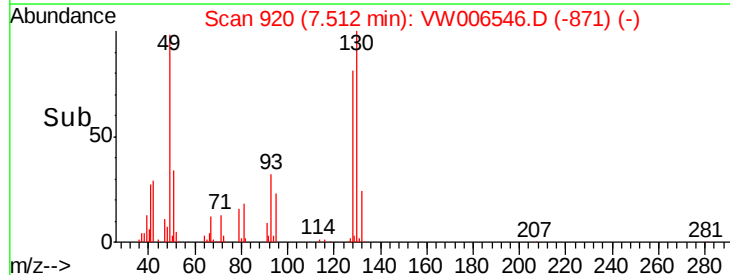
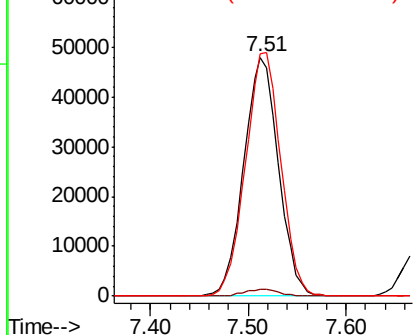
#28

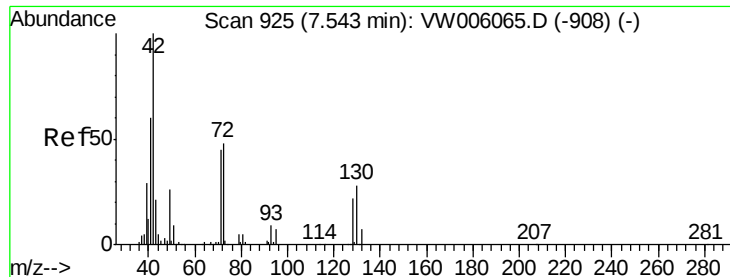
Bromochloromethane
 Concen: 71.047 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	103.5	82.2	123.2



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 320.930 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

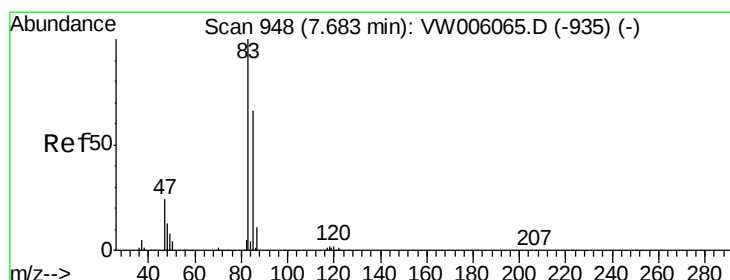
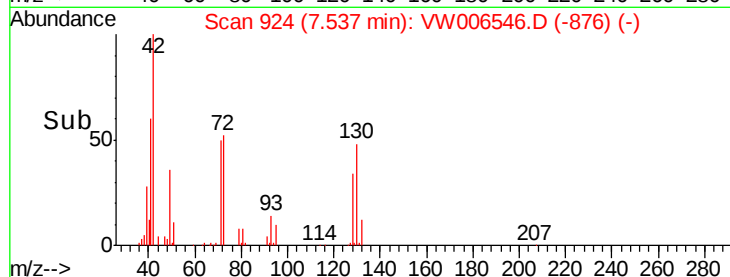
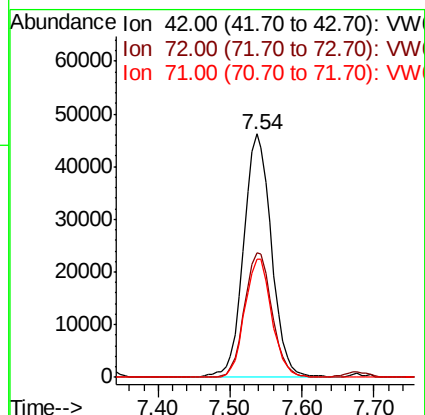
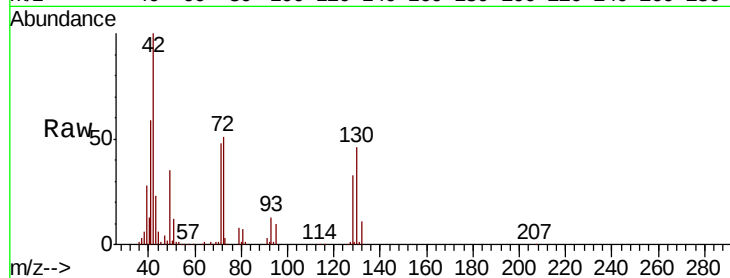
Tgt Ion: 42 Resp: 124285

Ion Ratio Lower Upper

42 100

72 50.4 39.2 58.8

71 47.2 37.6 56.4



#30

Chloroform

Concen: 71.015 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW006546.D

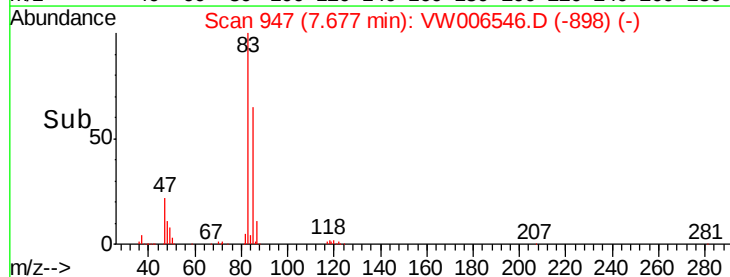
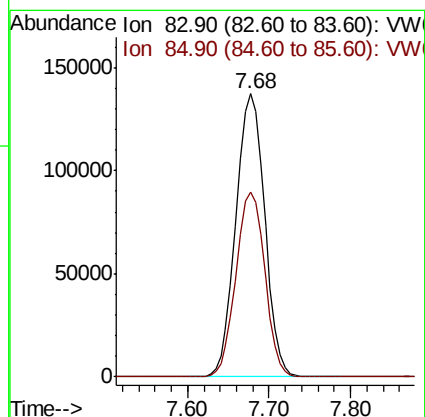
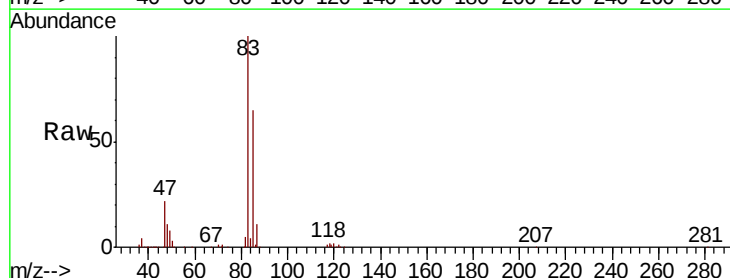
Acq: 01 Nov 2018 01:13

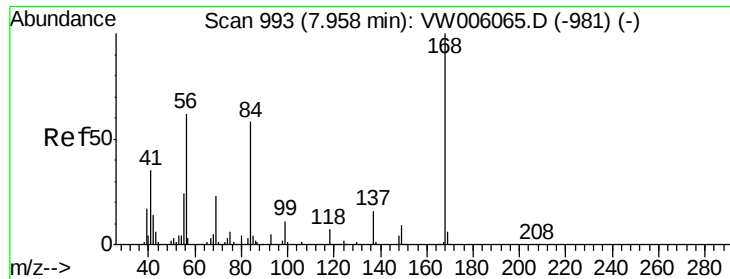
Tgt Ion: 83 Resp: 335171

Ion Ratio Lower Upper

83 100

85 65.3 51.3 76.9

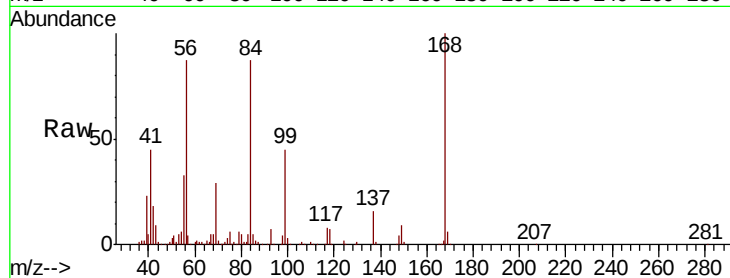




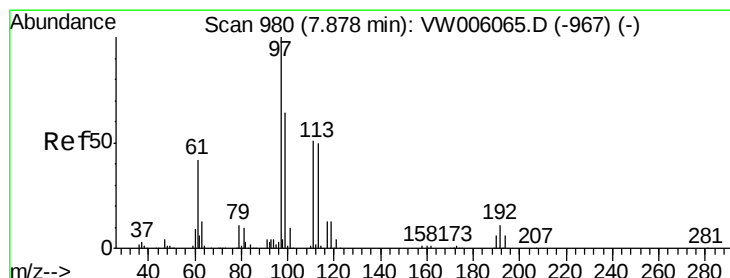
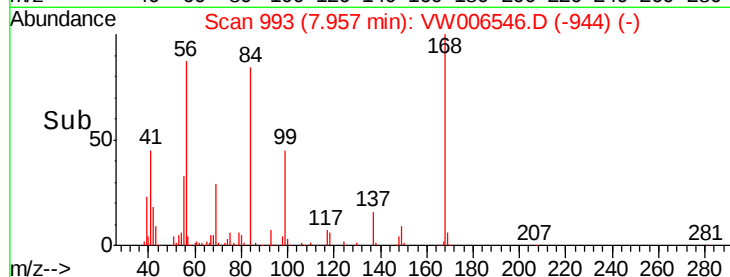
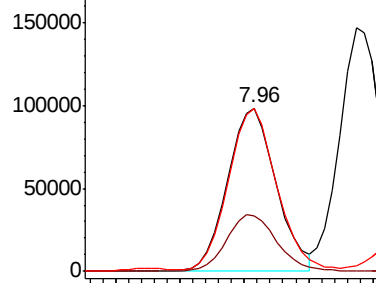
#31
Cyclohexane
Concen: 60.652 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 257462
Ion Ratio Lower Upper
56 100
69 34.0 29.0 43.4
84 98.4 77.8 116.6

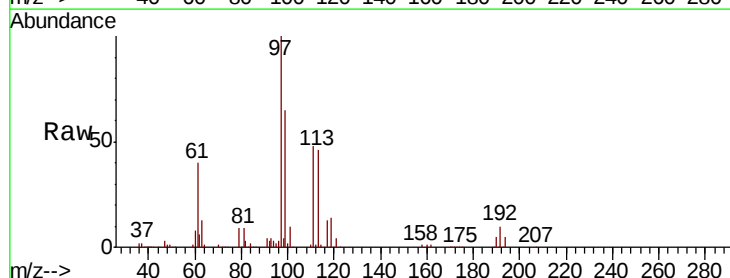


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

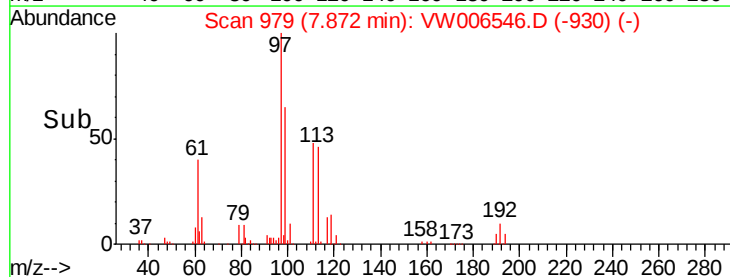
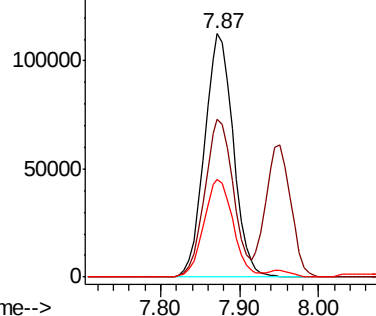


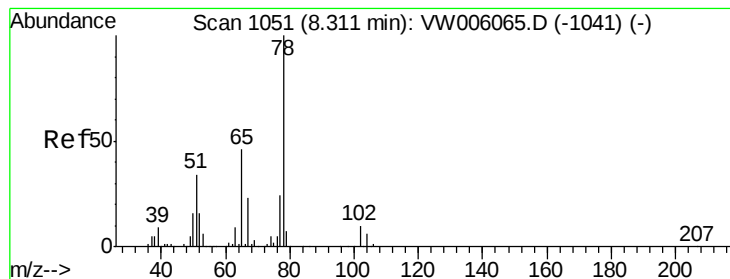
#32
1,1,1-Trichloroethane
Concen: 67.819 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 97 Resp: 285475
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 40.8 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 73.751 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

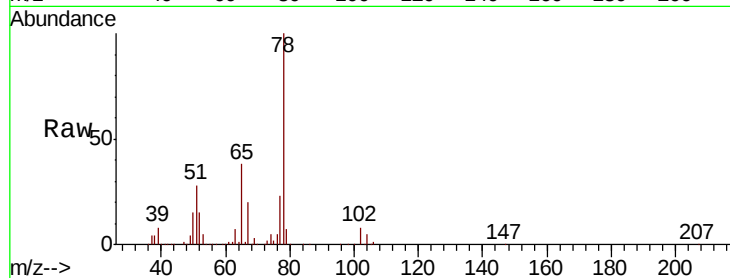
VSTDIC075

Tgt Ion: 65 Resp: 175326

Ion Ratio Lower Upper

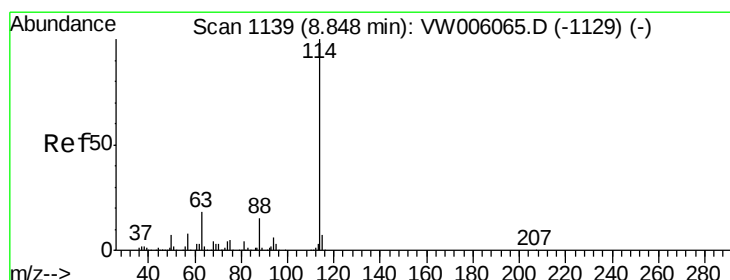
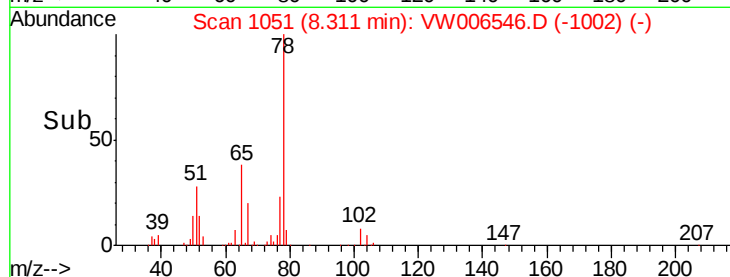
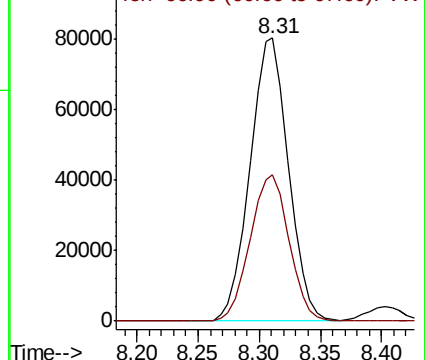
65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

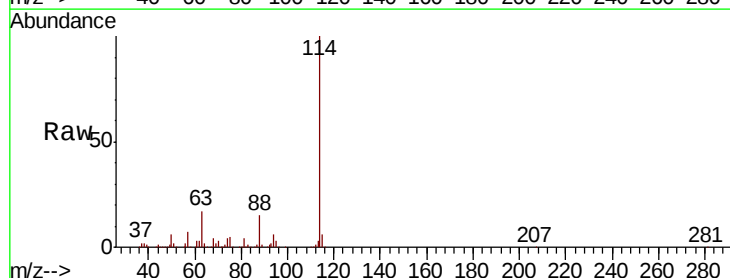
Tgt Ion: 114 Resp: 409518

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

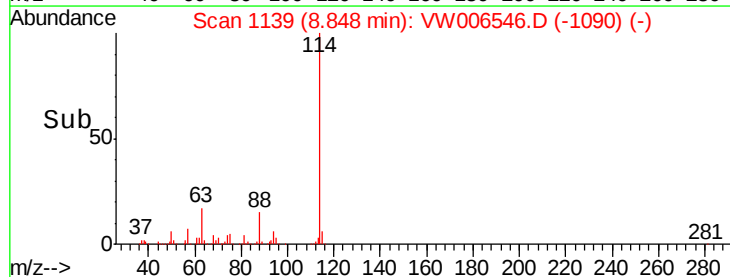
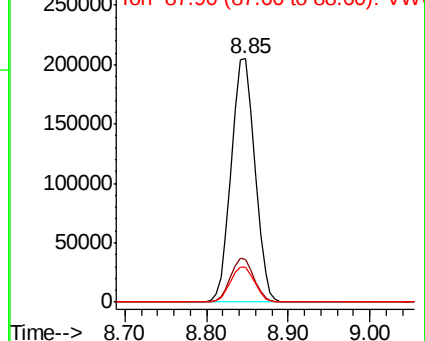
88 14.6 0.0 29.0

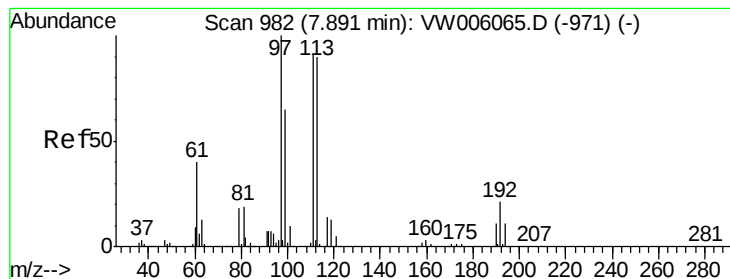


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 76.401 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

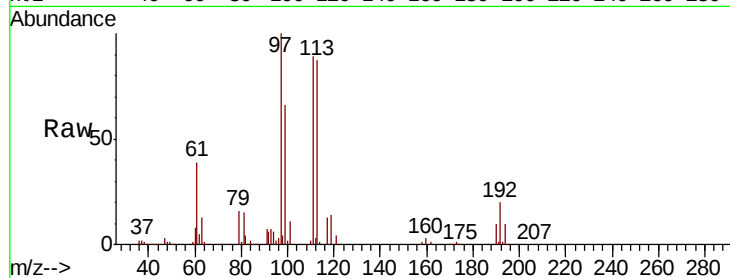
Tgt Ion: 113 Resp: 187085

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

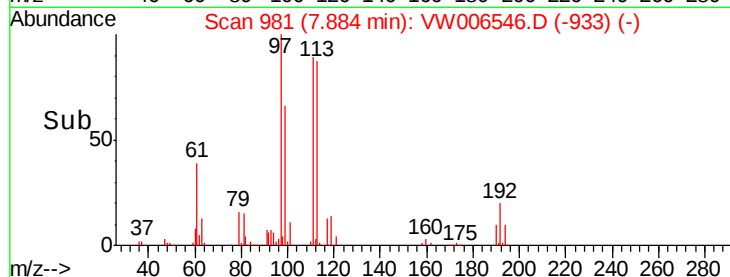
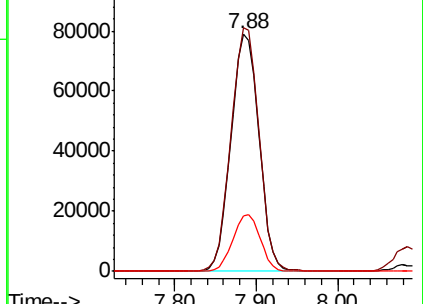
192 23.5 19.0 28.6



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: 68.155 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

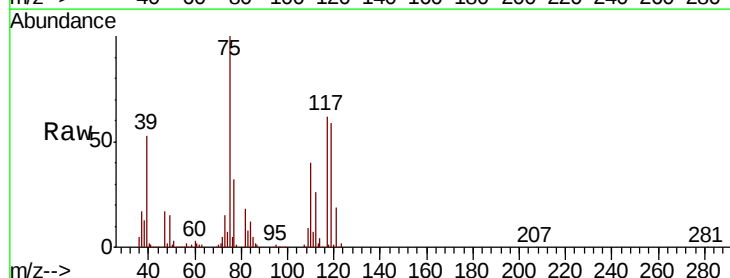
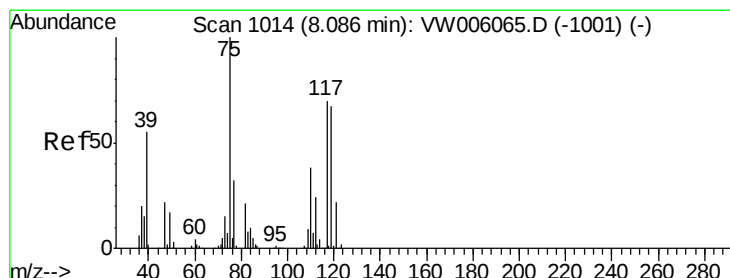
Tgt Ion: 75 Resp: 255385

Ion Ratio Lower Upper

75 100

110 39.1 19.5 58.5

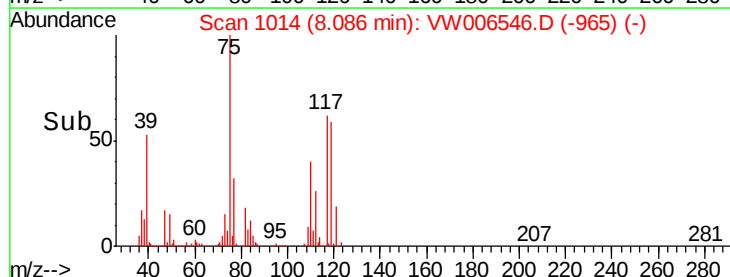
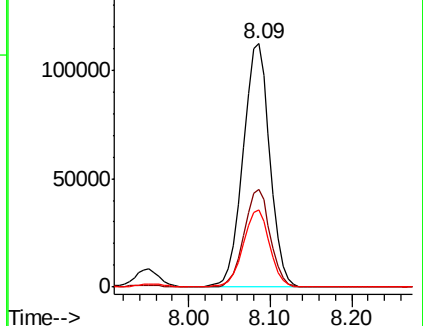
77 31.5 24.6 37.0

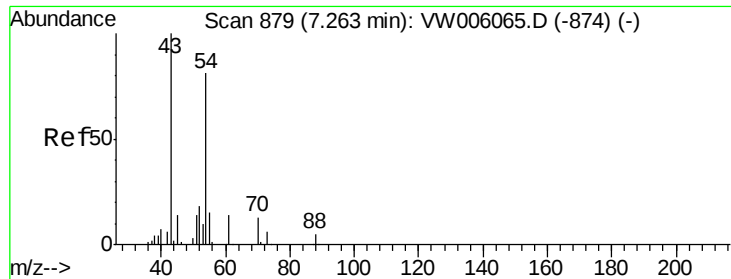


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

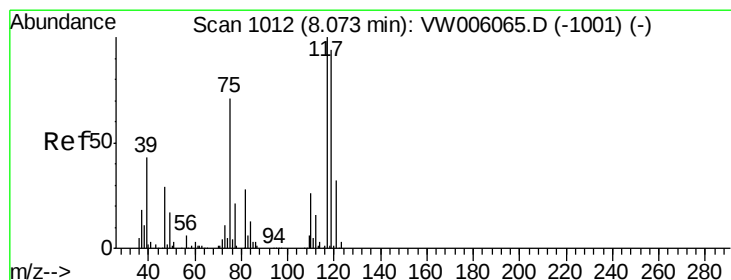
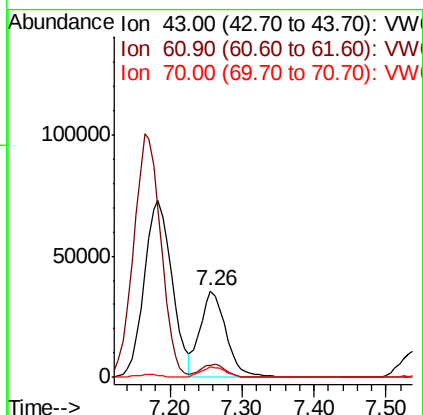
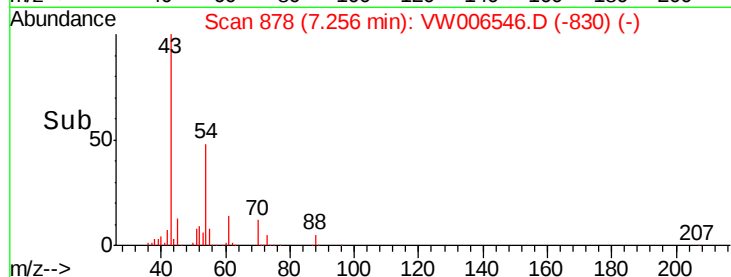
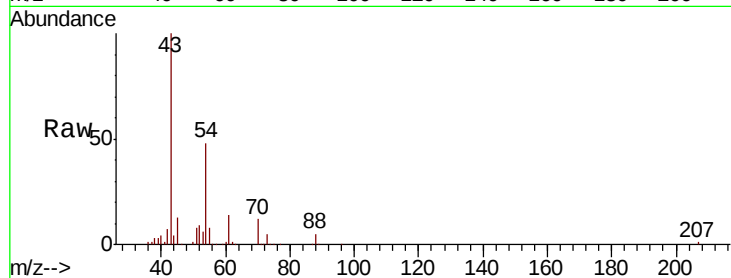




#37
Ethyl Acetate
Concen: 64.359 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

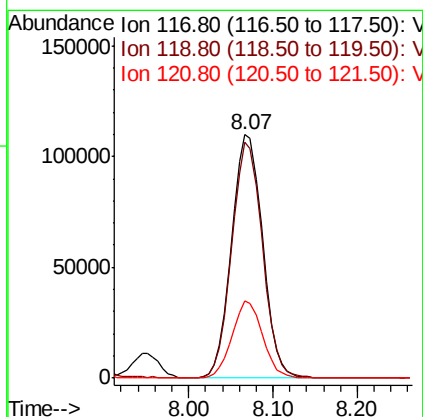
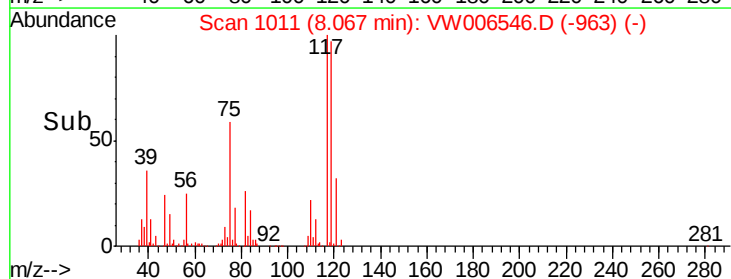
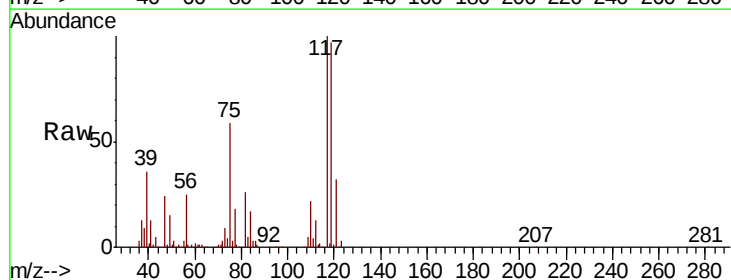
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

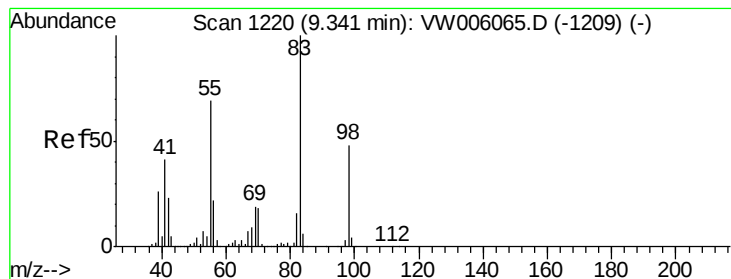
Tgt Ion: 43 Resp: 89162
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 11.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 67.388 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 117 Resp: 274895
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5
121 31.8 24.1 36.1





#39

Methylcyclohexane

Concen: 67.174 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

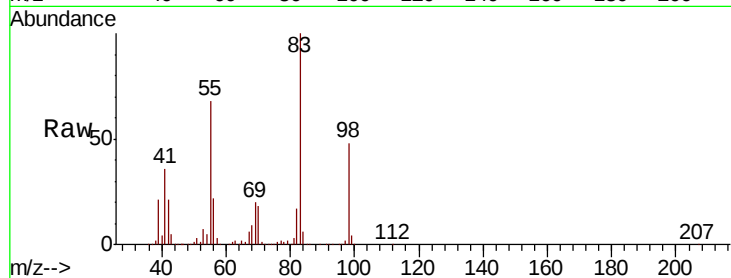
Tgt Ion: 83 Resp: 332894

Ion Ratio Lower Upper

83 100

55 67.7 53.7 80.5

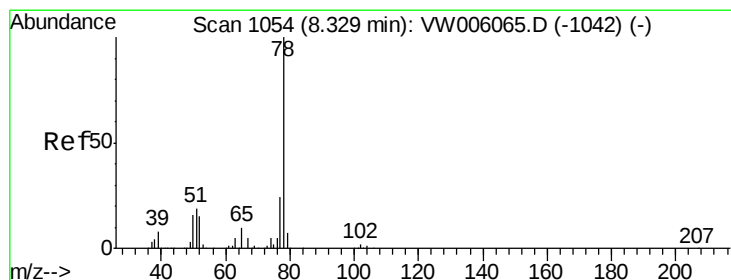
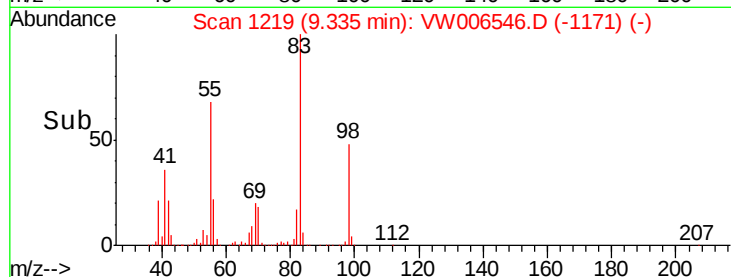
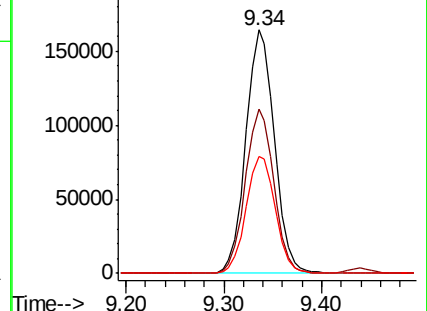
98 48.0 39.2 58.8



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 71.780 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW006546.D

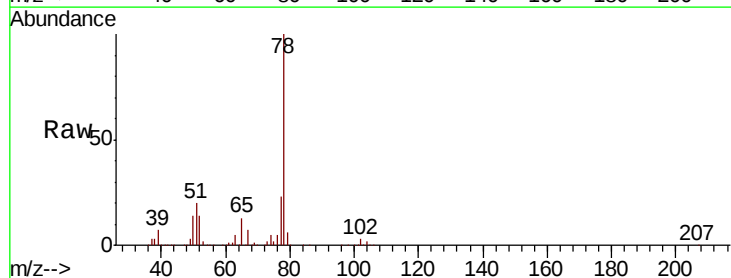
Acq: 01 Nov 2018 01:13

Tgt Ion: 78 Resp: 743650

Ion Ratio Lower Upper

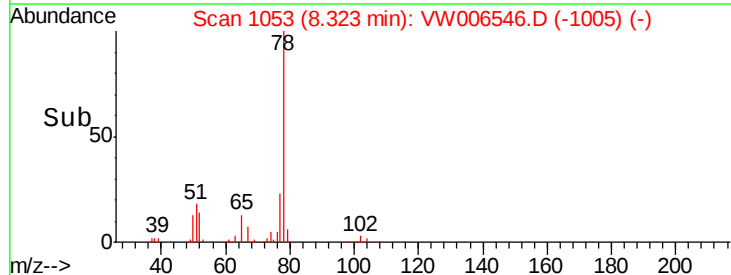
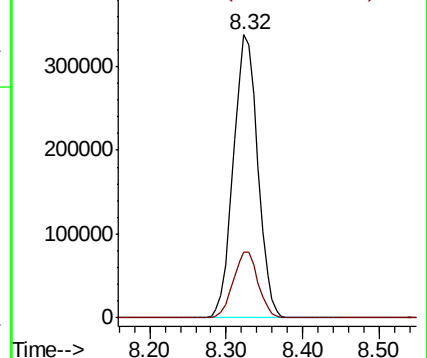
78 100

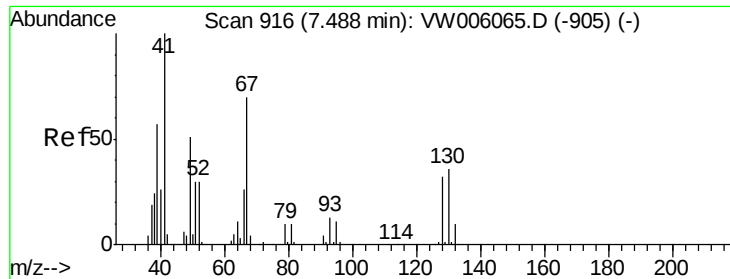
77 23.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 61.450 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 41 Resp: 50947

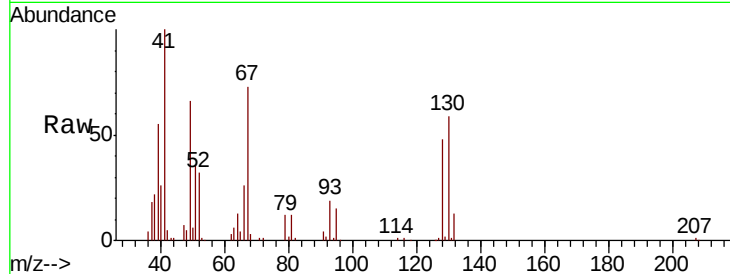
Ion Ratio Lower Upper

41 100

39 62.1 44.5 66.7

67 84.0 63.8 95.8

52 34.2 26.3 39.5



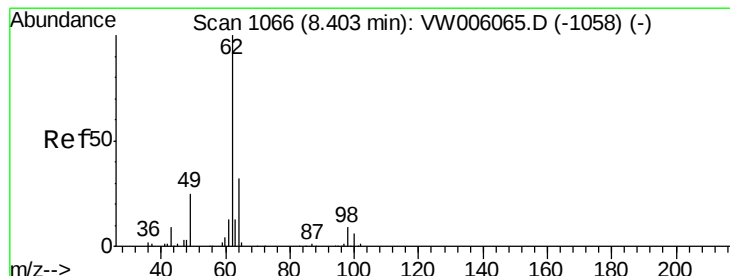
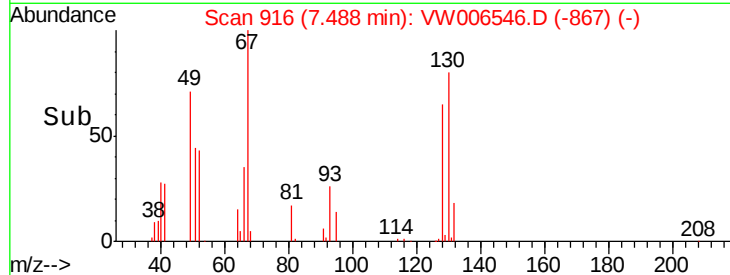
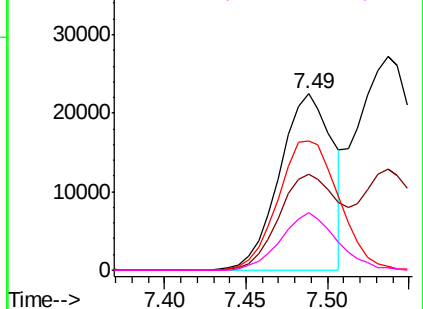
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 69.091 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006546.D

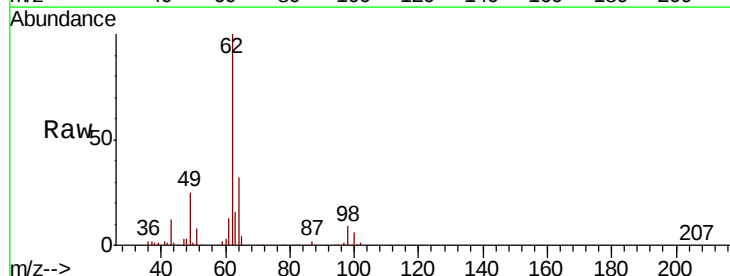
Acq: 01 Nov 2018 01:13

Tgt Ion: 62 Resp: 208930

Ion Ratio Lower Upper

62 100

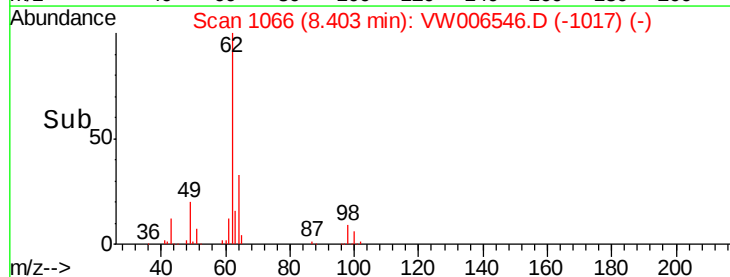
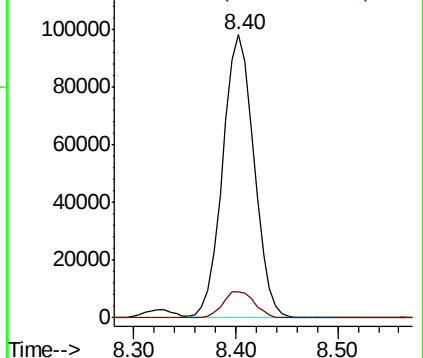
98 9.6 0.0 19.8

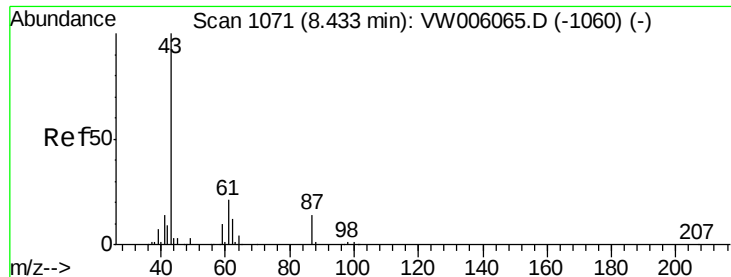


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 63.576 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

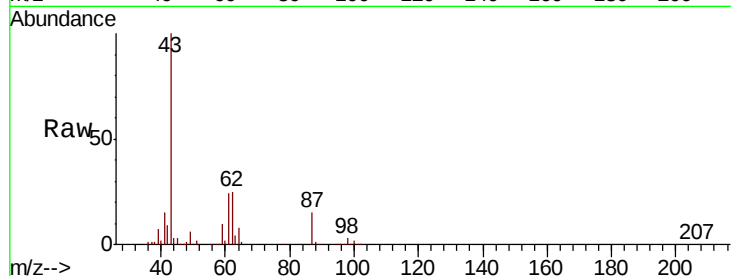
Tgt Ion: 43 Resp: 178932

Ion Ratio Lower Upper

43 100

61 33.6 27.2 40.8

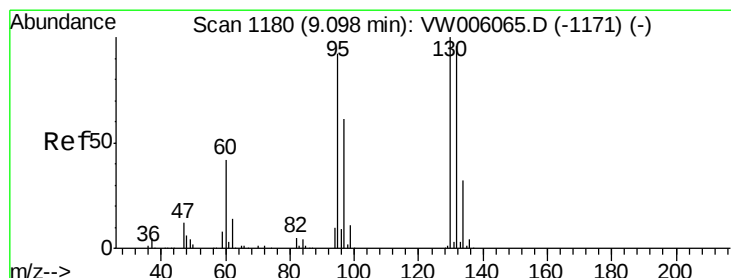
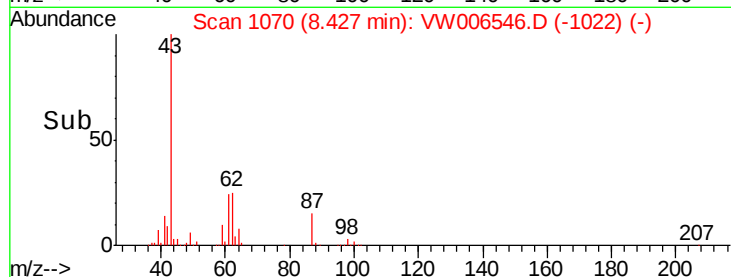
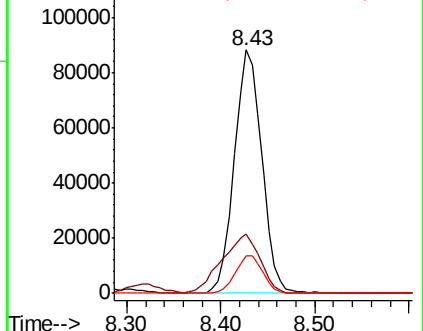
87 15.8 12.9 19.3



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: 72.080 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006546.D

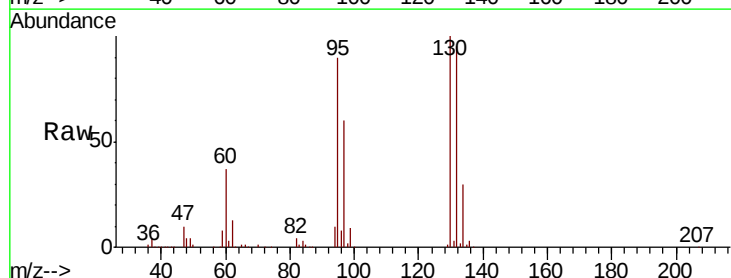
Acq: 01 Nov 2018 01:13

Tgt Ion: 130 Resp: 229217

Ion Ratio Lower Upper

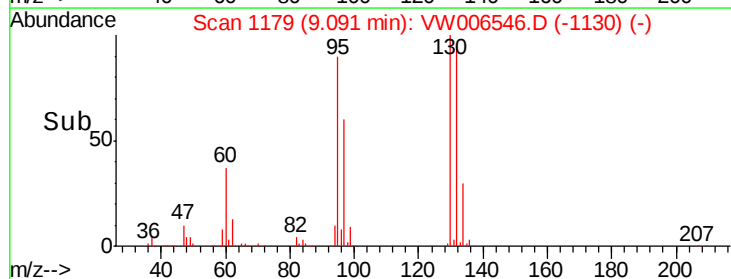
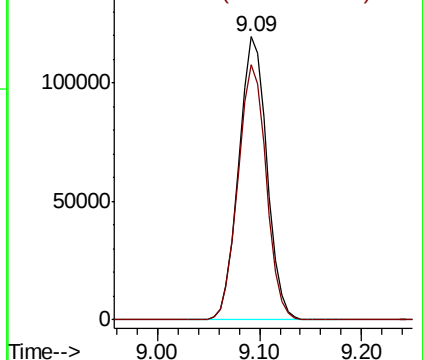
130 100

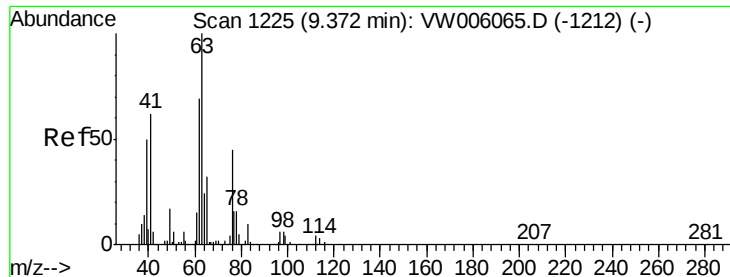
95 90.3 0.0 179.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 69.820 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

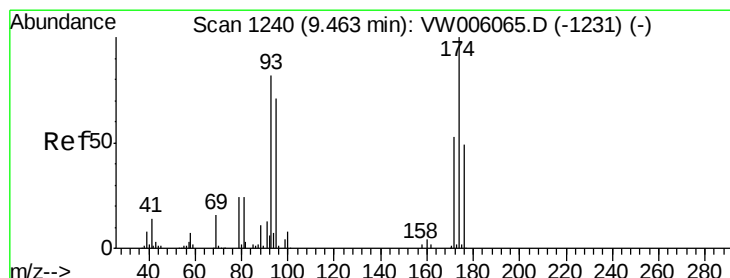
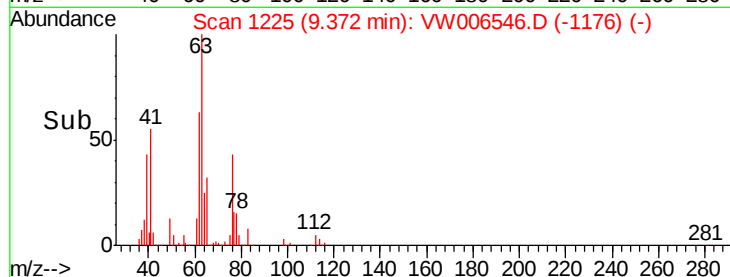
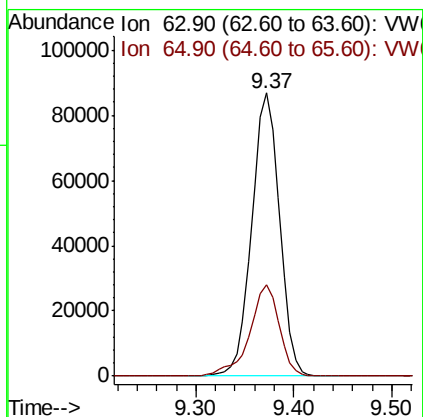
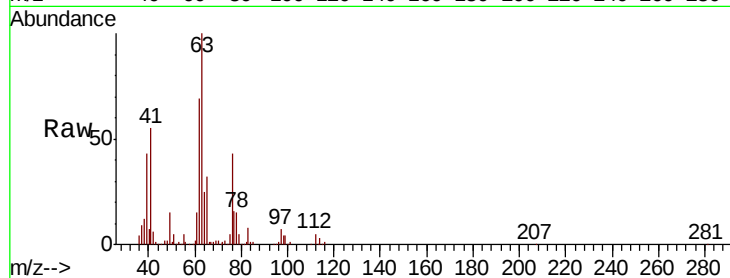
VSTDIC075

Tgt Ion: 63 Resp: 172408

Ion Ratio Lower Upper

63 100

65 32.2 25.1 37.7



#46

Dibromomethane

Concen: 70.389 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

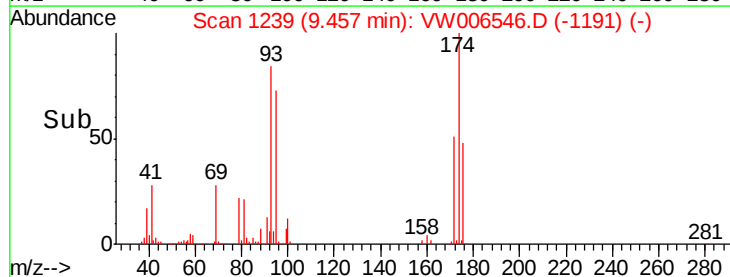
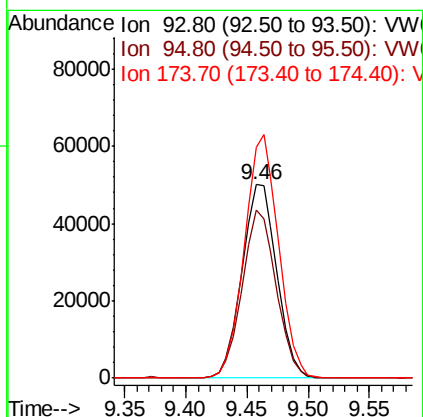
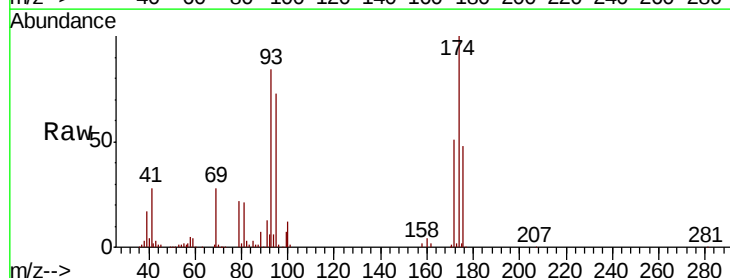
Tgt Ion: 93 Resp: 99347

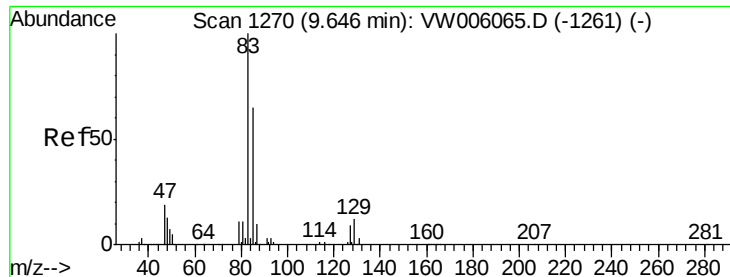
Ion Ratio Lower Upper

93 100

95 84.7 67.2 100.8

174 123.1 97.3 145.9

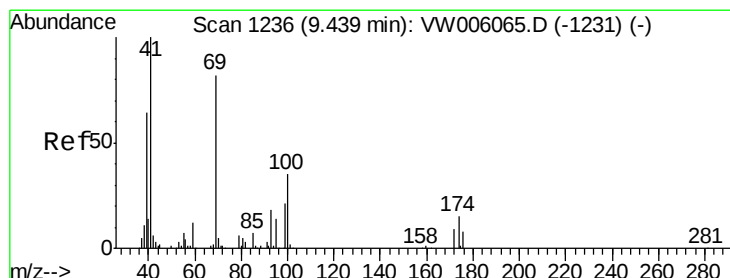
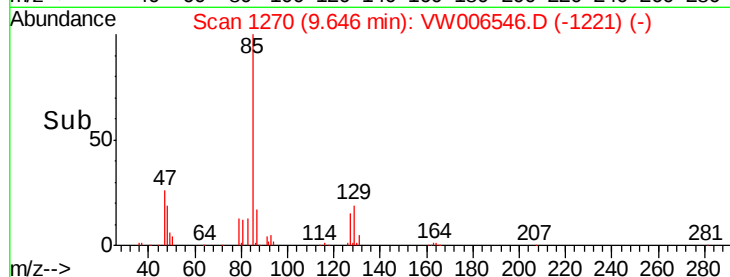
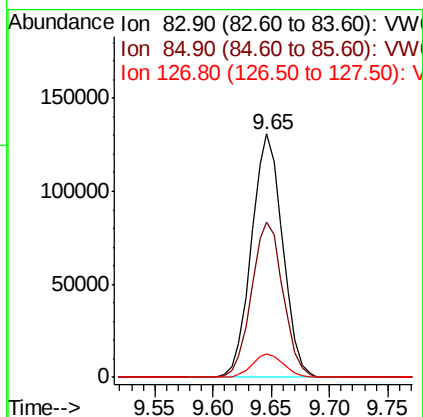
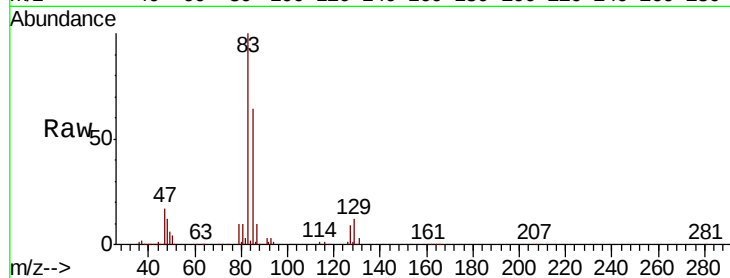




#47
 Bromodichloromethane
 Concen: 71.620 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

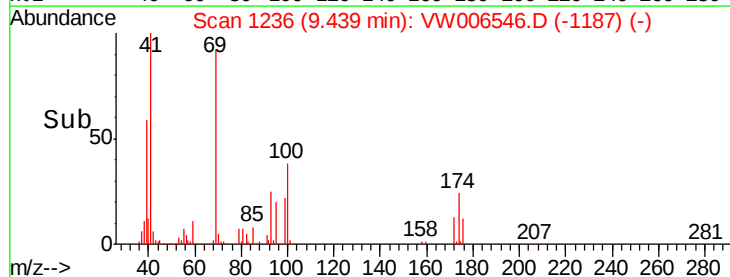
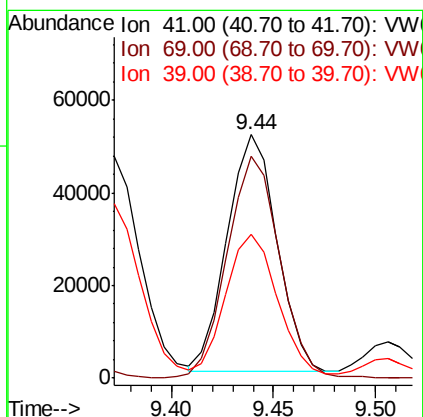
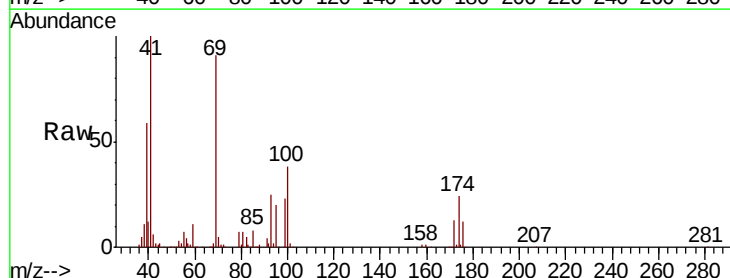
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

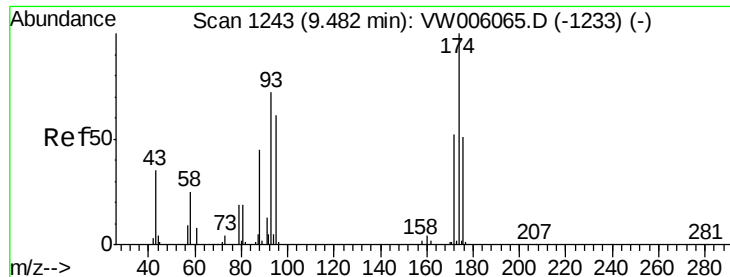
Tgt Ion: 83 Resp: 244237
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.6 75.8
 127 9.4 7.5 11.3



#48
 Methyl methacrylate
 Concen: 64.674 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion: 41 Resp: 86523
 Ion Ratio Lower Upper
 41 100
 69 98.5 77.8 116.8
 39 60.7 48.7 73.1





#49

1,4-Dioxane

Concen: 1408.072 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

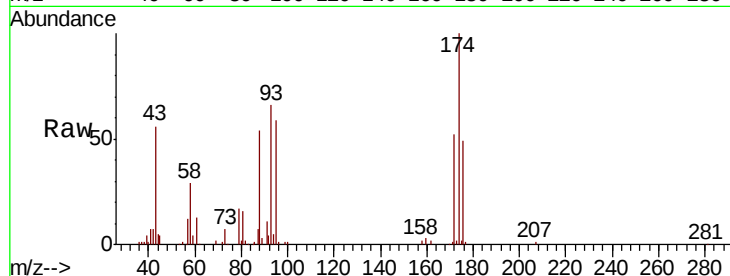
Tgt Ion: 88 Resp: 30388

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

58 64.2 51.4 77.2

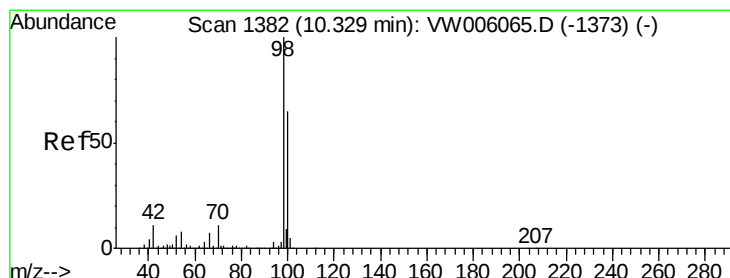
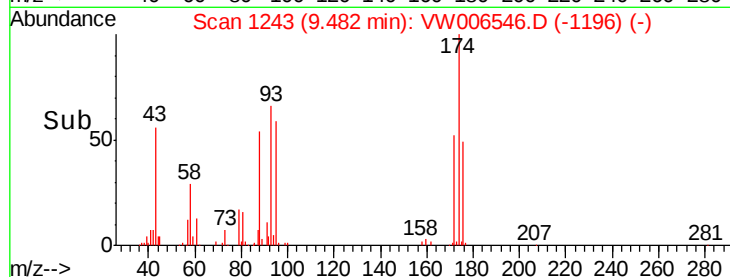
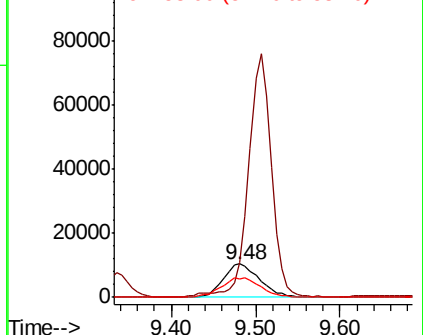


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 77.801 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006546.D

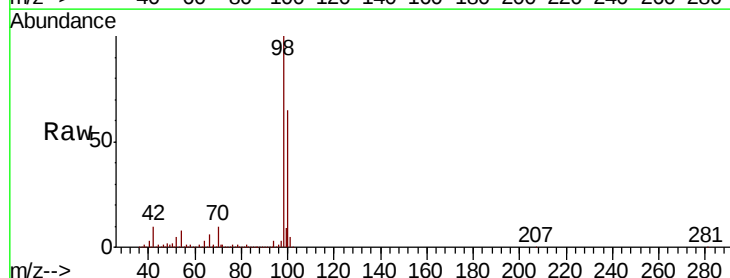
Acq: 01 Nov 2018 01:13

Tgt Ion: 98 Resp: 726782

Ion Ratio Lower Upper

98 100

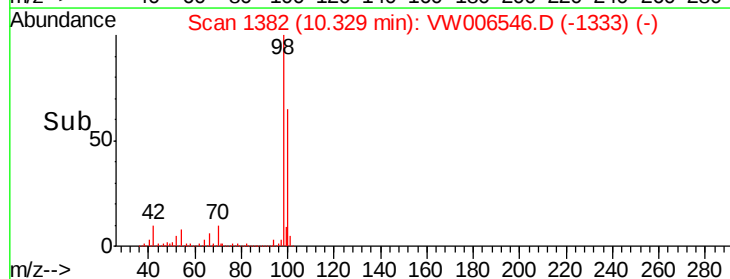
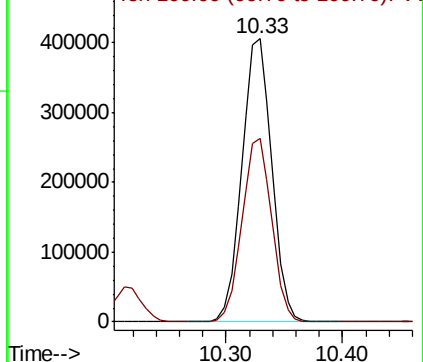
100 64.5 51.6 77.4

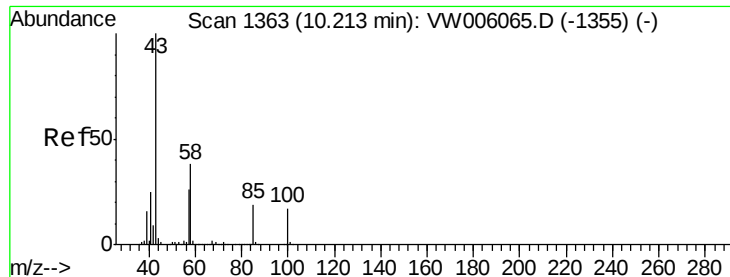


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

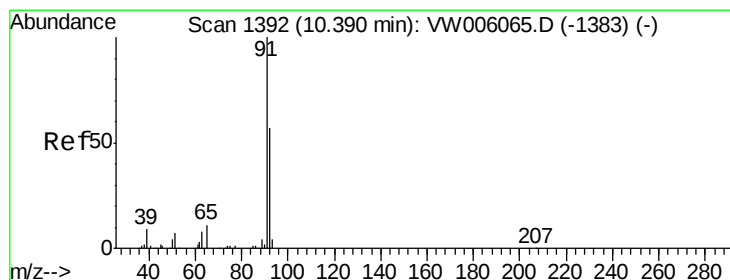
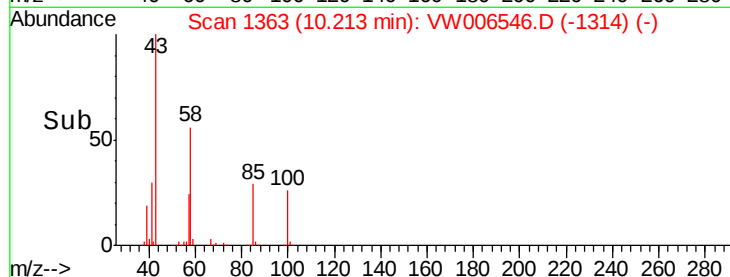
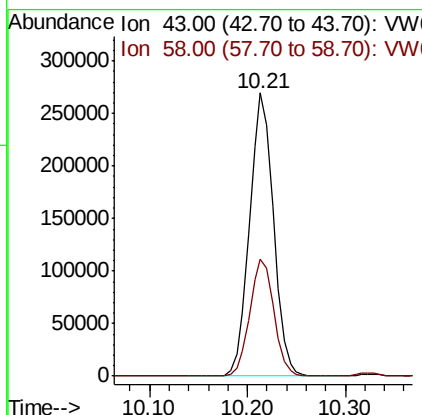
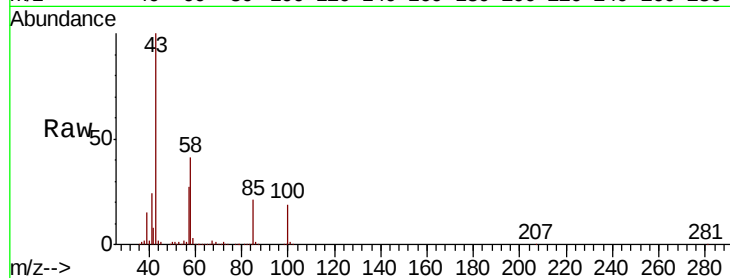




#51
 4-Methyl-2-Pentanone
 Concen: 321.862 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

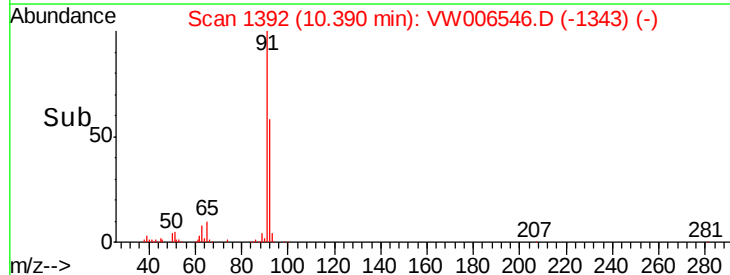
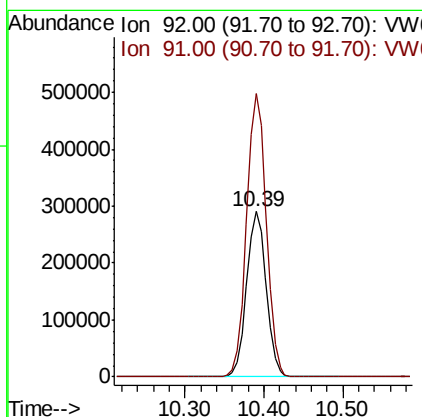
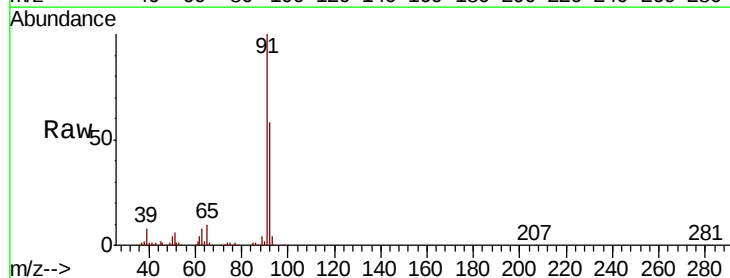
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

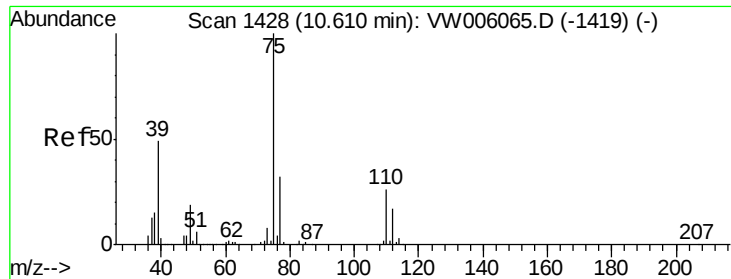
Tgt Ion: 43 Resp: 456099
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.4 50.0



#52
 Toluene
 Concen: 72.016 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion: 92 Resp: 500067
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 69.813 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

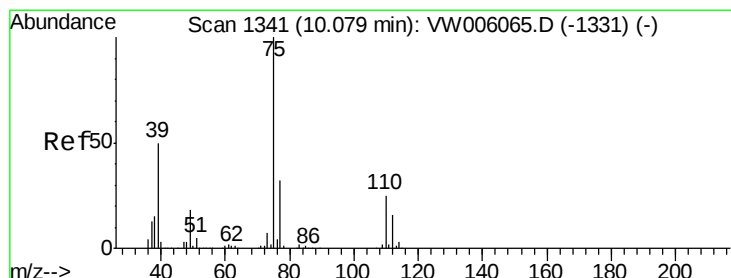
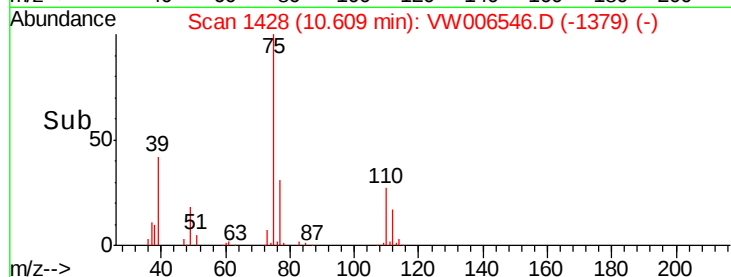
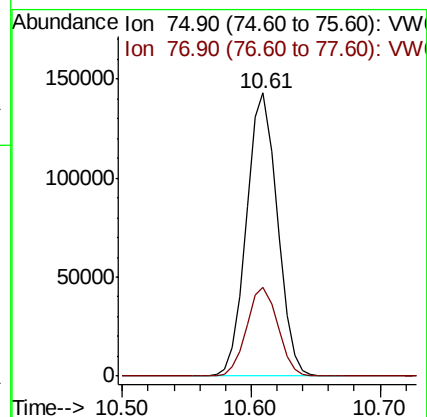
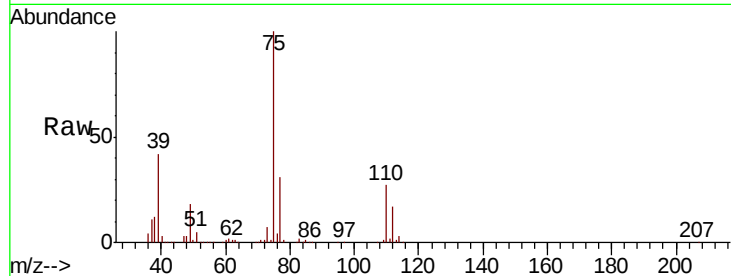
VSTDIC075

Tgt Ion: 75 Resp: 236234

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 71.588 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

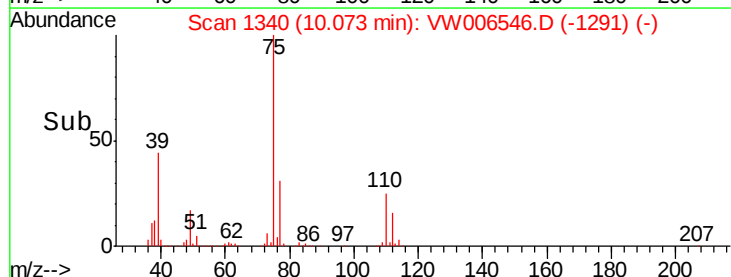
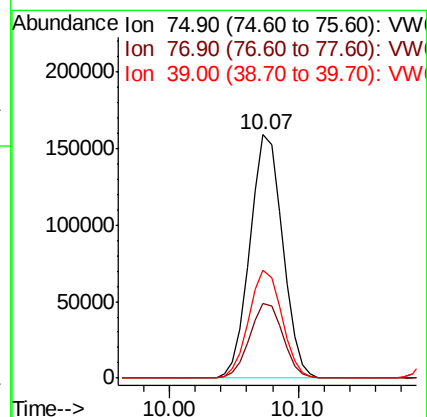
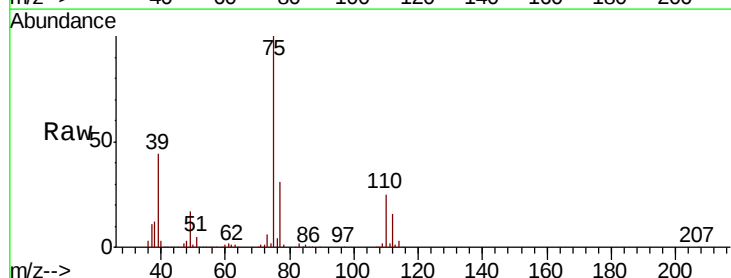
Tgt Ion: 75 Resp: 278668

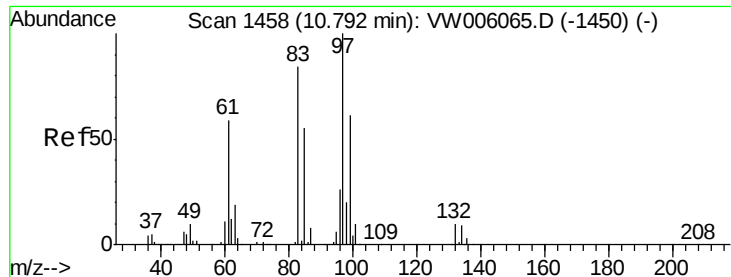
Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 44.5 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 71.553 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tgt Ion: 97 Resp: 141644

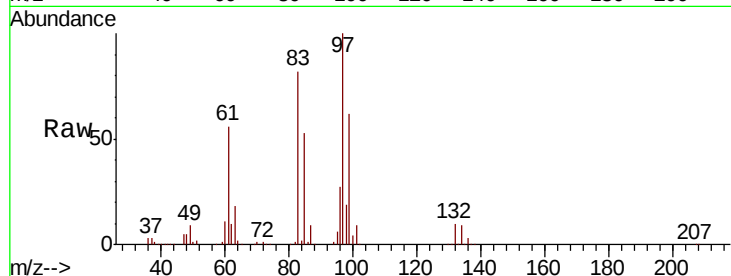
Ion Ratio Lower Upper

97 100

83 81.9 67.9 101.9

85 52.6 44.0 66.0

99 62.0 52.2 78.2



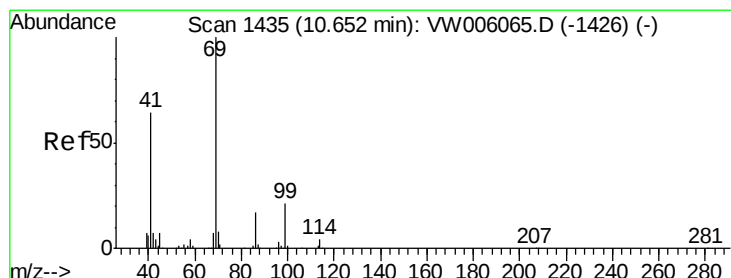
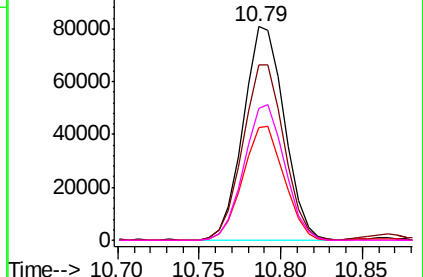
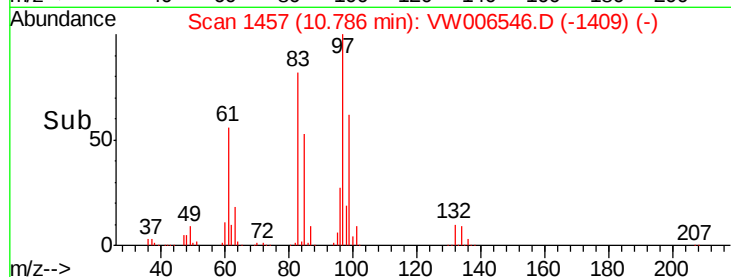
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 69.229 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

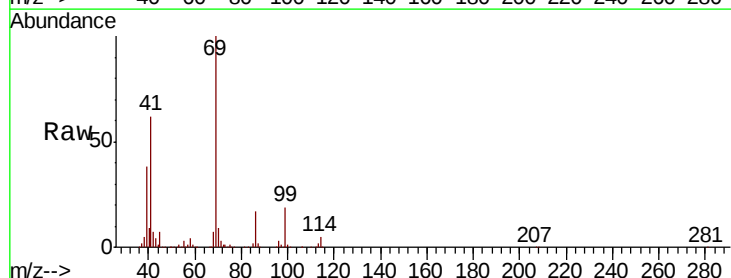
Tgt Ion: 69 Resp: 166871

Ion Ratio Lower Upper

69 100

41 60.6 47.4 71.2

39 35.1 25.3 37.9

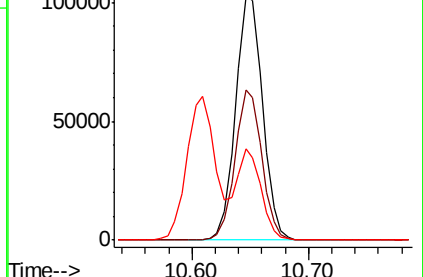
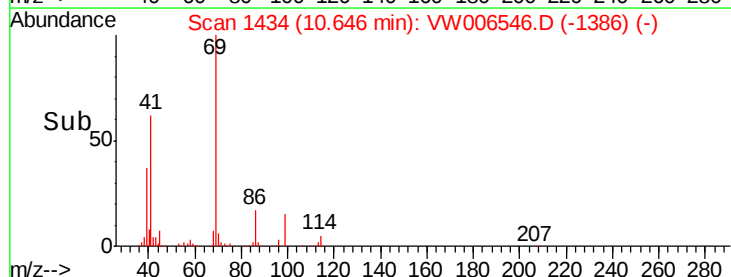


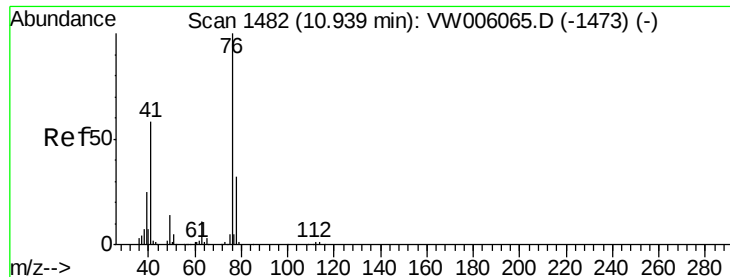
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

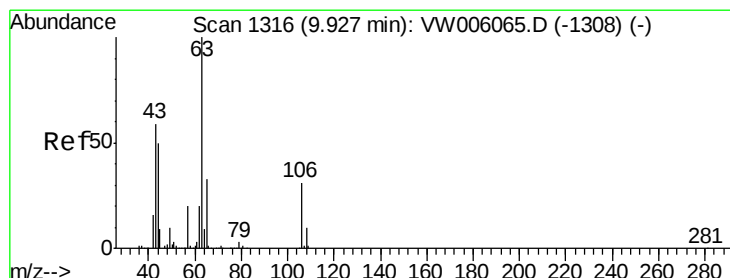
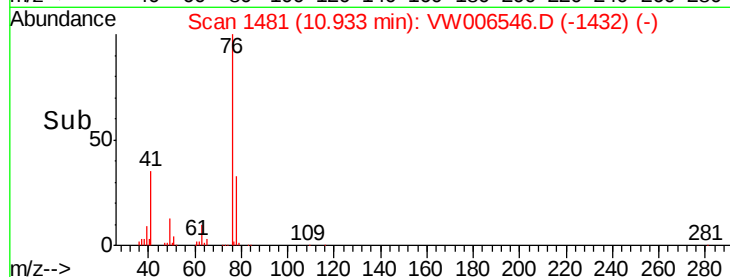
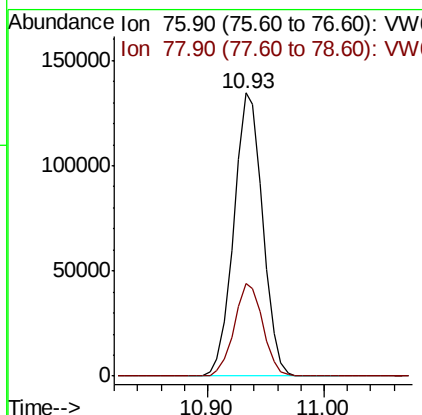
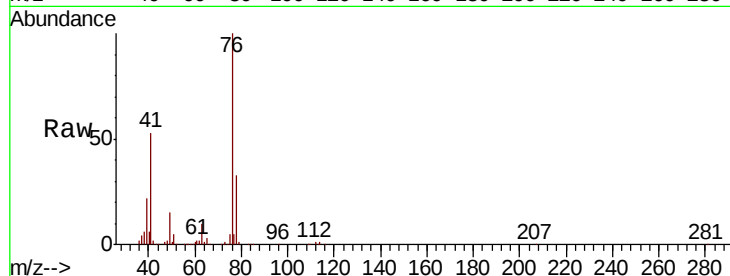




#57
 1,3-Dichloropropane
 Concen: 70.889 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

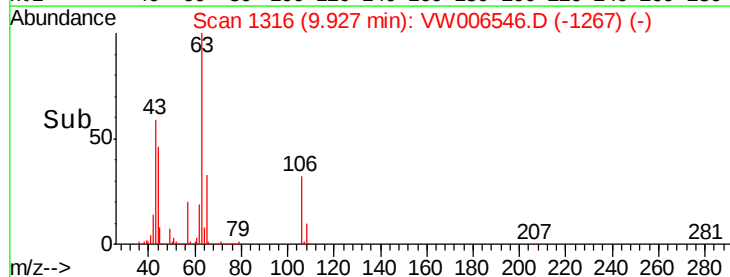
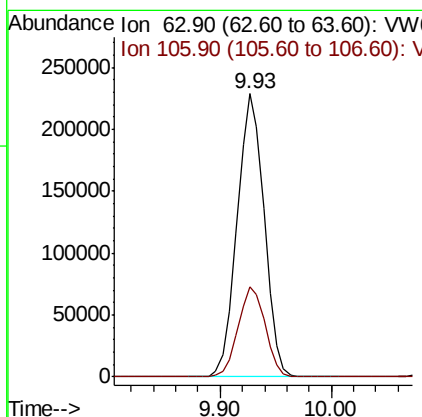
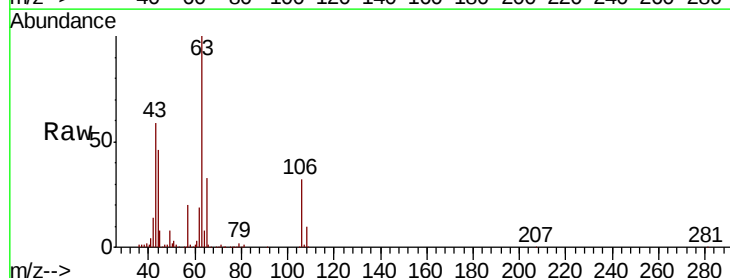
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

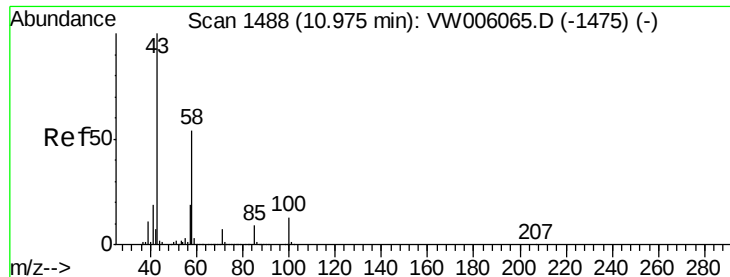
Tgt Ion: 76 Resp: 231611
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 401.840 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion: 63 Resp: 384825
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.2

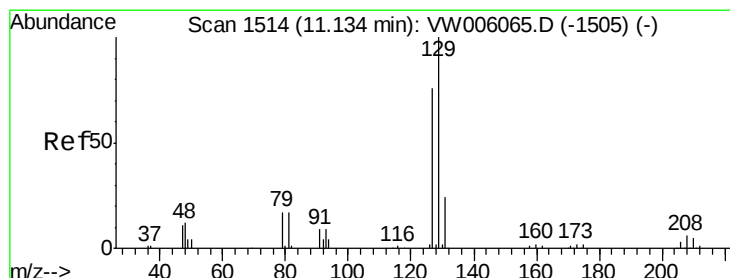
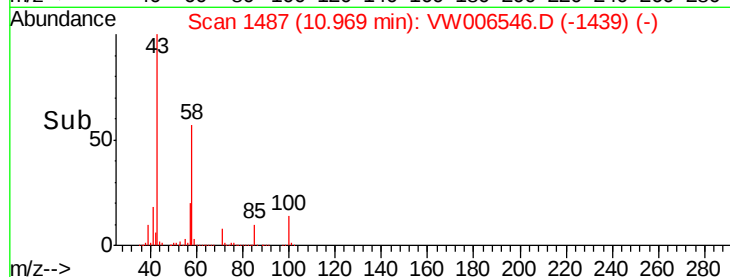
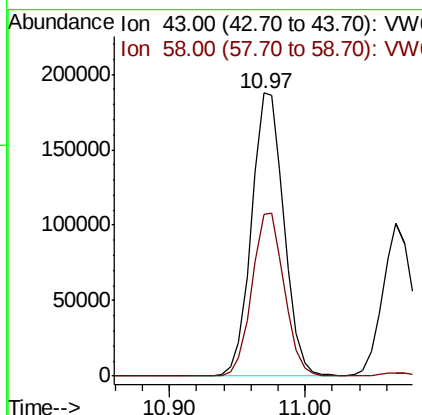
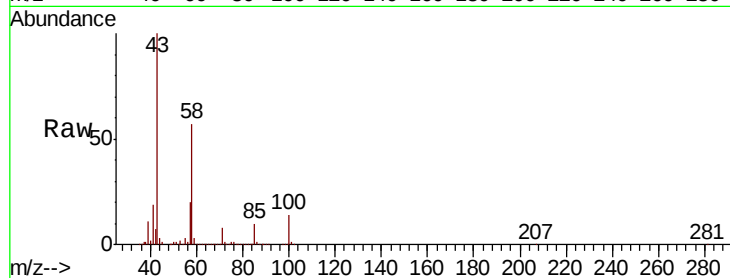




#59
2-Hexanone
Concen: 310.665 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

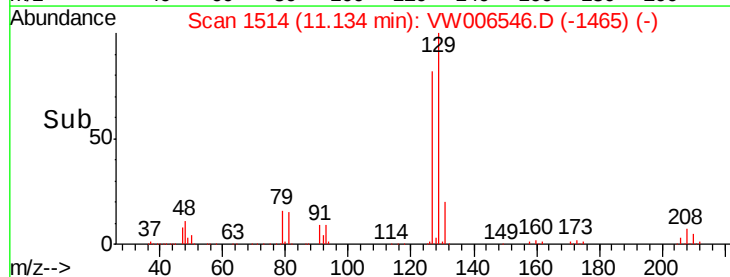
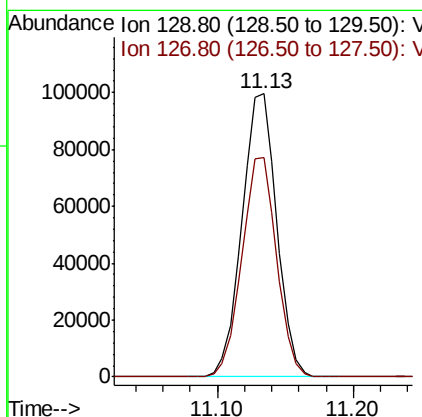
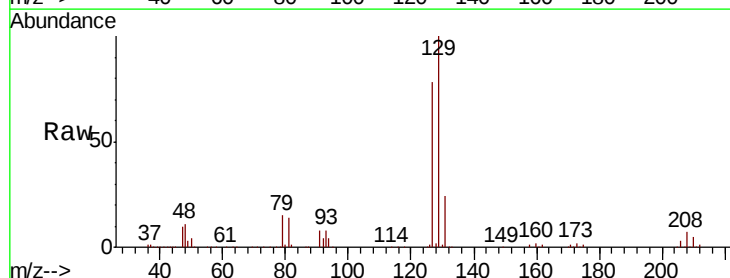
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

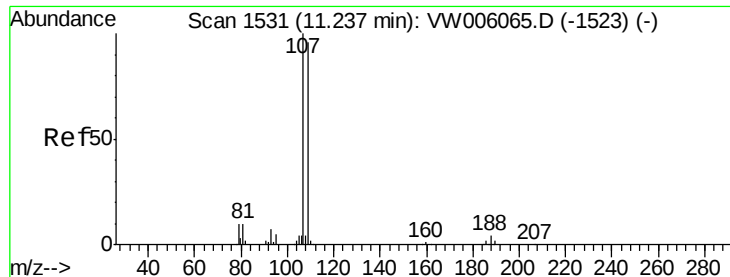
Tgt Ion: 43 Resp: 312999
Ion Ratio Lower Upper
43 100
58 57.4 28.8 86.4



#60
Dibromochloromethane
Concen: 72.654 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 129 Resp: 178319
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 71.967 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

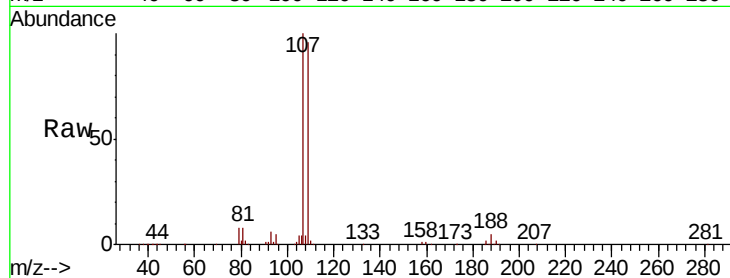
VSTDIC075

Tgt Ion: 107 Resp: 142269

Ion Ratio Lower Upper

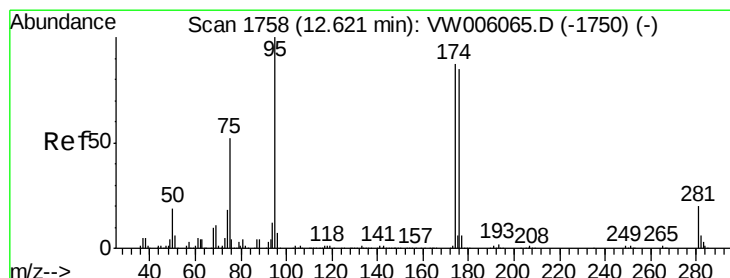
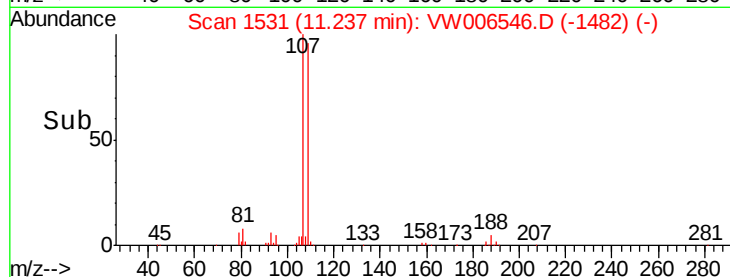
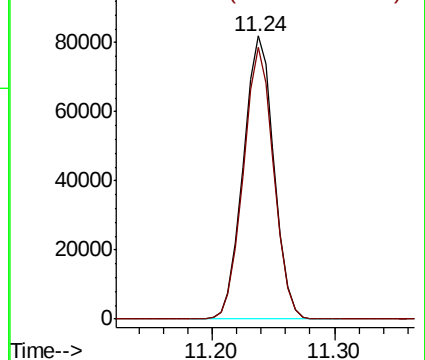
107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 76.379 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

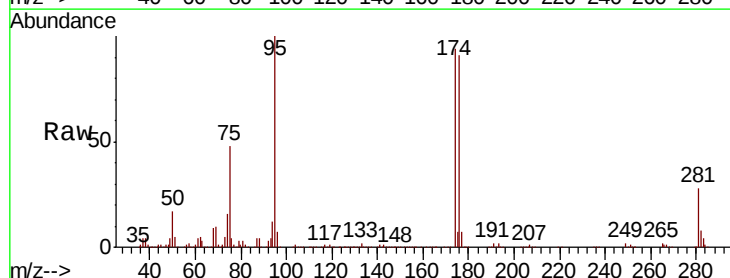
Tgt Ion: 95 Resp: 266189

Ion Ratio Lower Upper

95 100

174 95.9 0.0 192.4

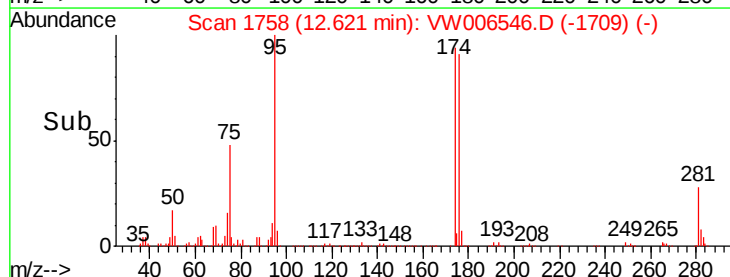
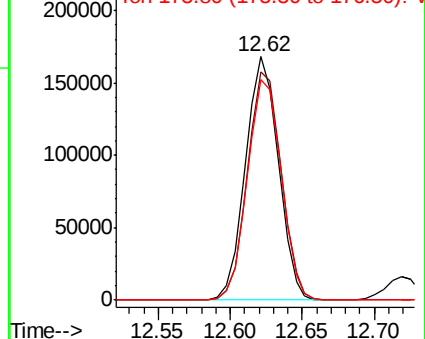
176 92.9 0.0 187.4

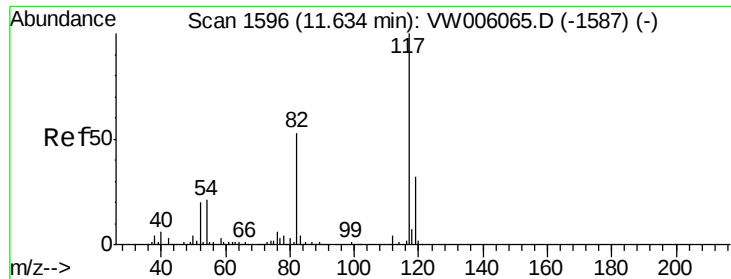


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

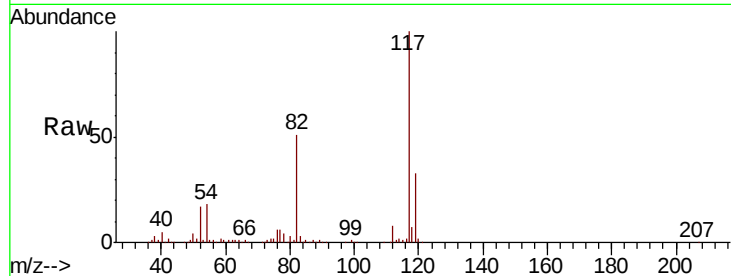




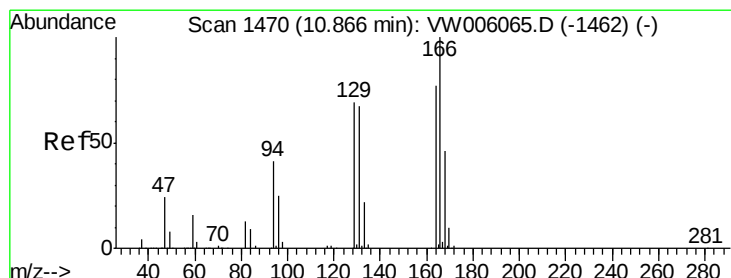
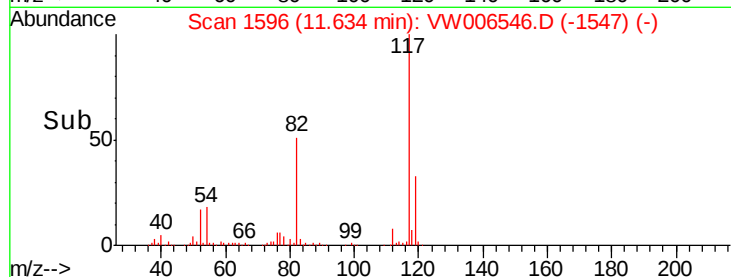
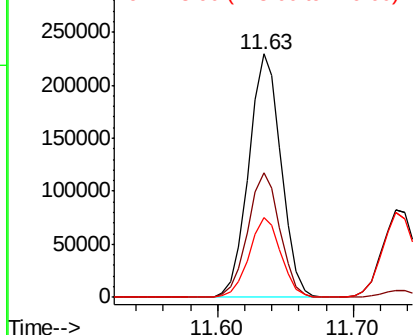
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:117 Resp: 382124
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 32.8 26.1 39.1

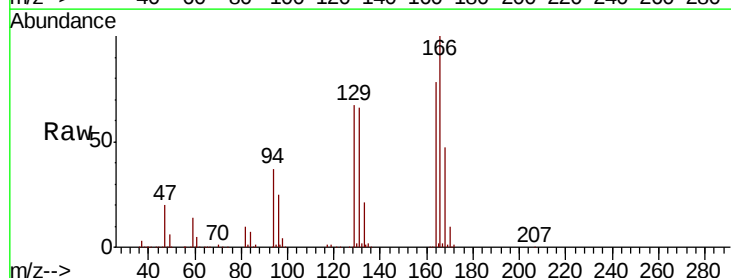


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

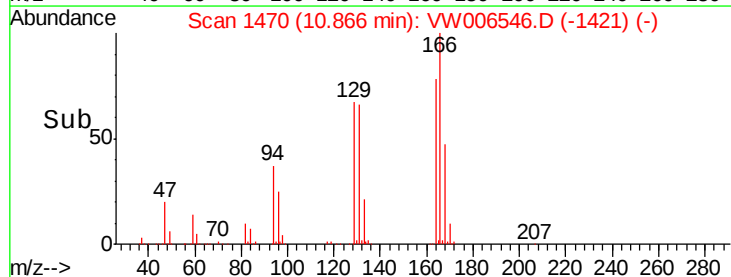
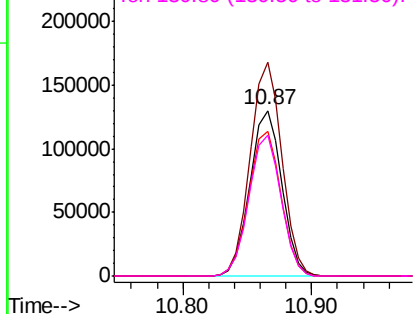


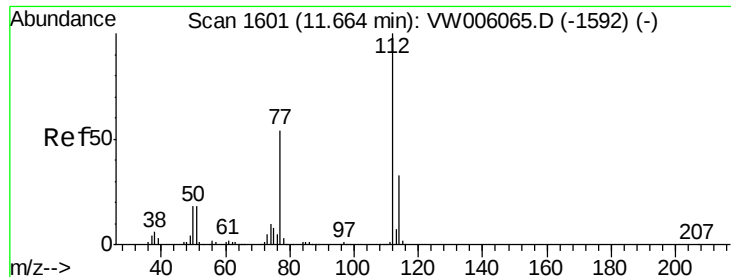
#64
Tetrachloroethene
Concen: 74.107 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion:164 Resp: 221533
Ion Ratio Lower Upper
164 100
166 128.9 102.8 154.2
129 86.9 70.9 106.3
131 85.1 67.0 100.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

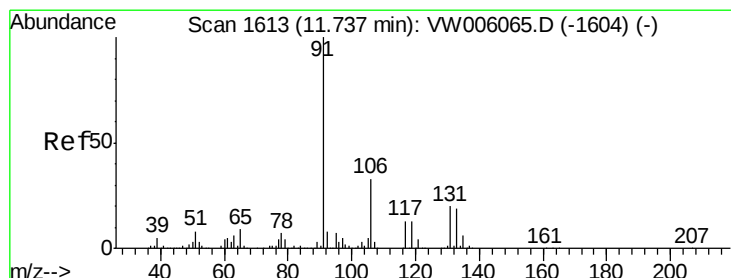
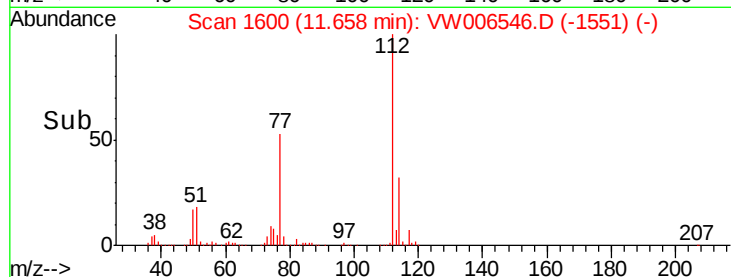
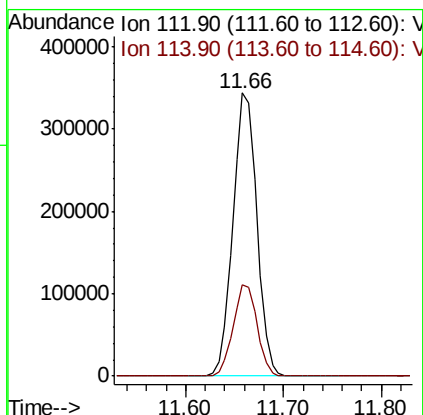
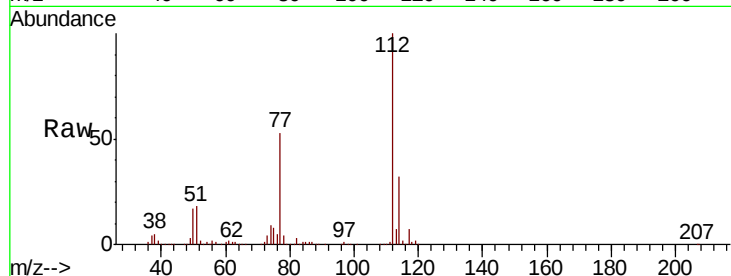




#65
Chlorobenzene
Concen: 71.252 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

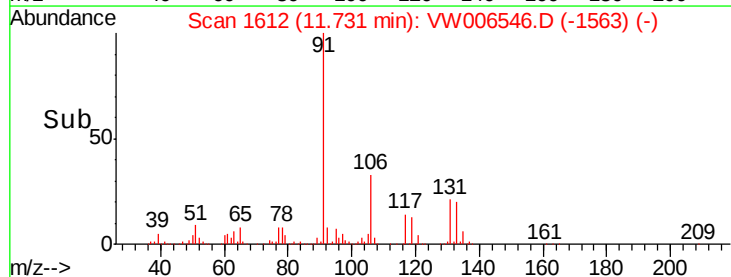
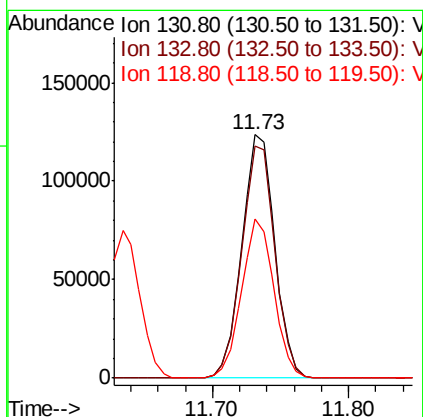
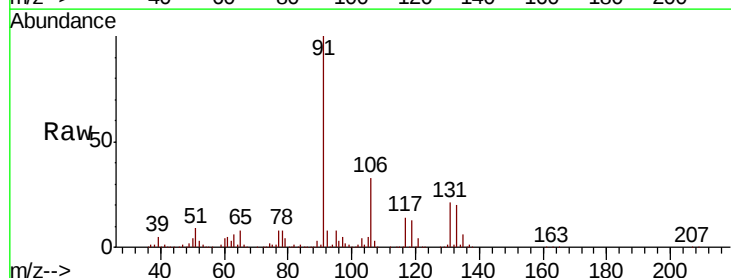
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

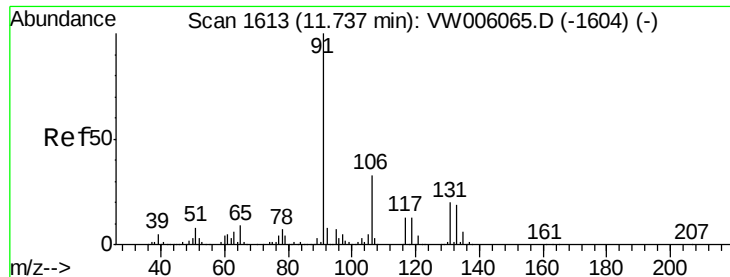
Tgt Ion:112 Resp: 583566
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 72.207 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion:131 Resp: 209537
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.5
119 64.1 31.9 95.5

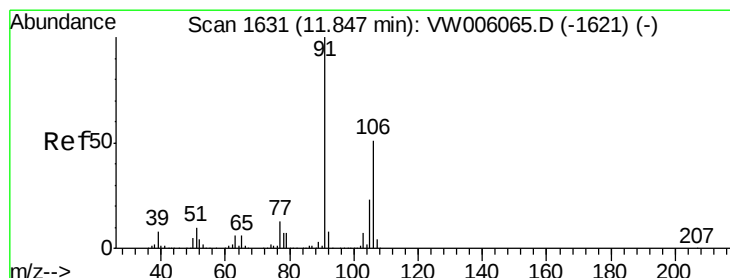
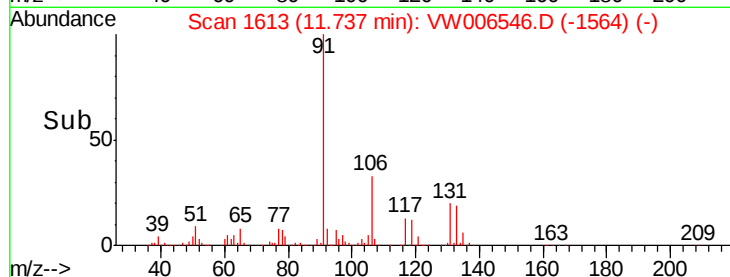
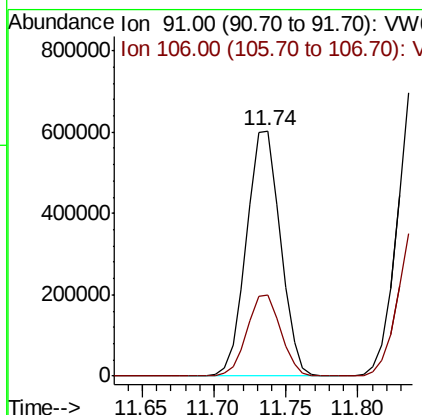
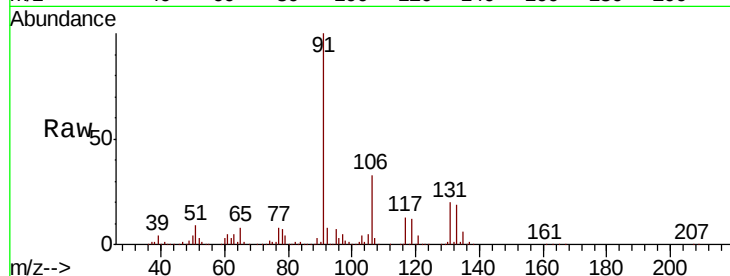




#67
Ethyl Benzene
Concen: 69.613 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

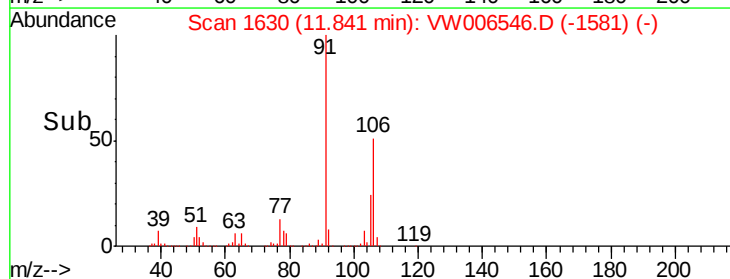
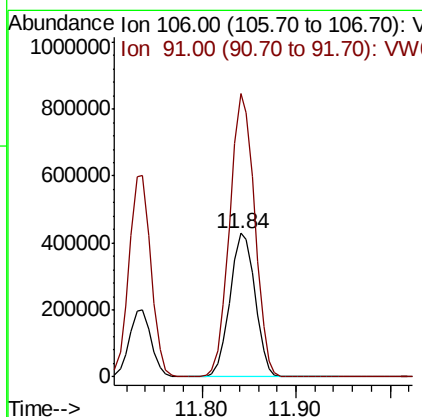
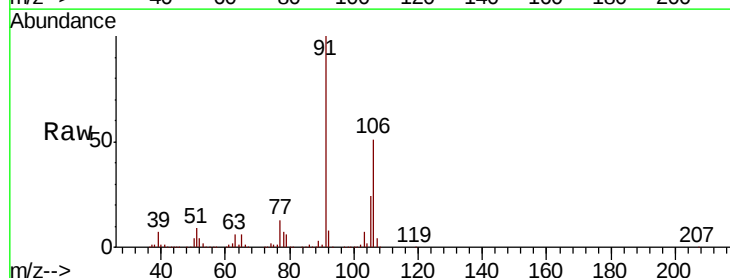
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

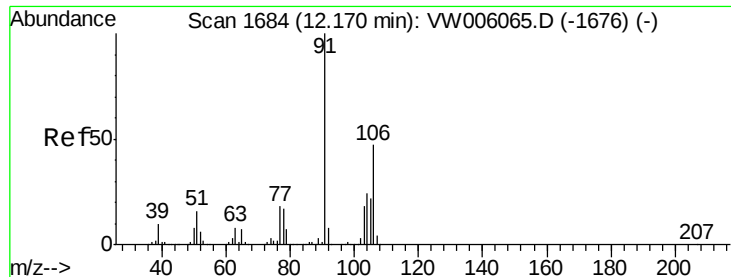
Tgt Ion: 91 Resp: 982582
Ion Ratio Lower Upper
91 100
106 33.3 26.3 39.5



#68
m/p-Xylenes
Concen: 142.391 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 106 Resp: 796002
Ion Ratio Lower Upper
106 100
91 195.4 156.7 235.1

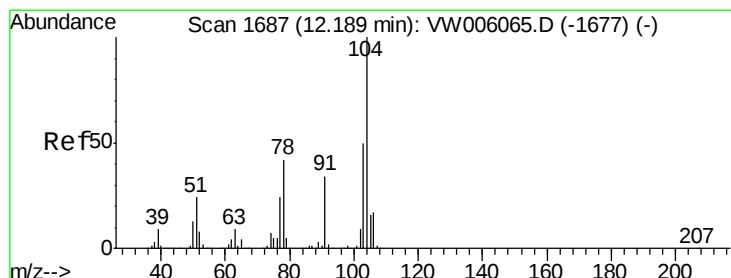
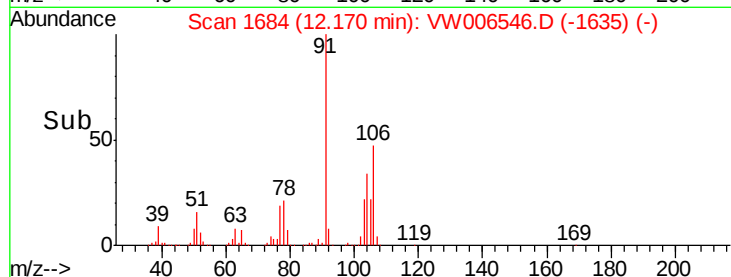
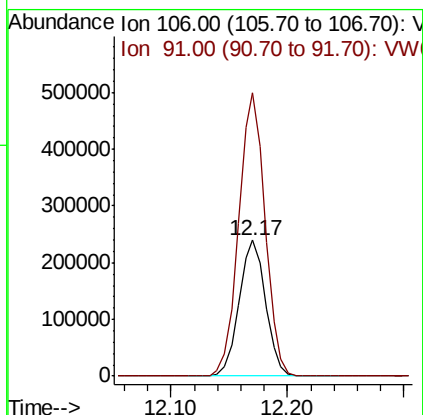
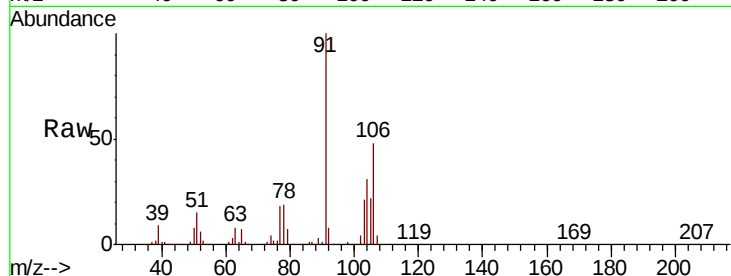




#69
o-Xylene
Concen: 71.431 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

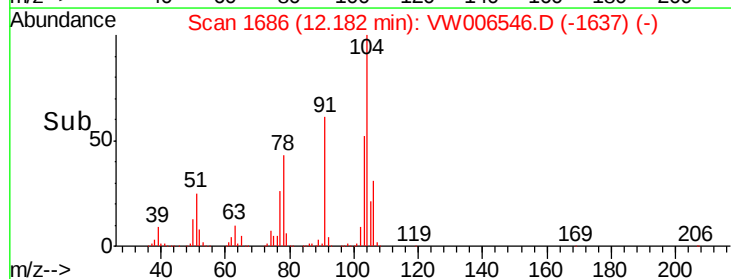
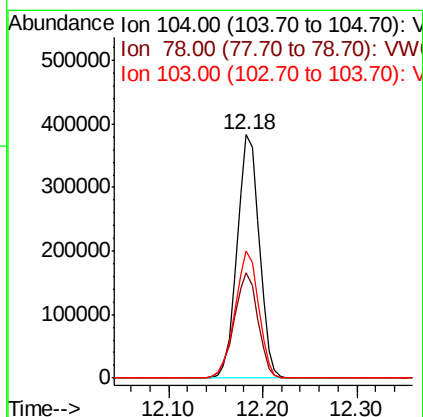
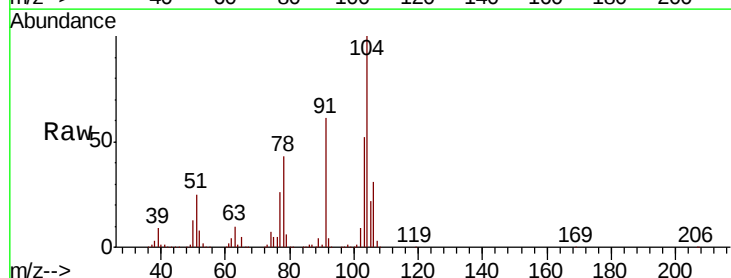
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

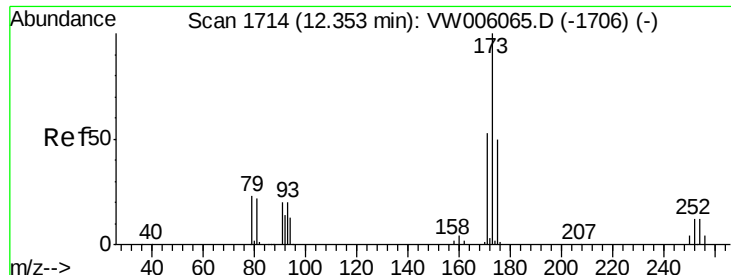
Tgt Ion:106 Resp: 380726
Ion Ratio Lower Upper
106 100
91 206.6 102.8 308.4



#70
Styrene
Concen: 72.134 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion:104 Resp: 625868
Ion Ratio Lower Upper
104 100
78 46.7 37.2 55.8
103 55.7 44.2 66.2





#71

Bromoform

Concen: 70.869 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

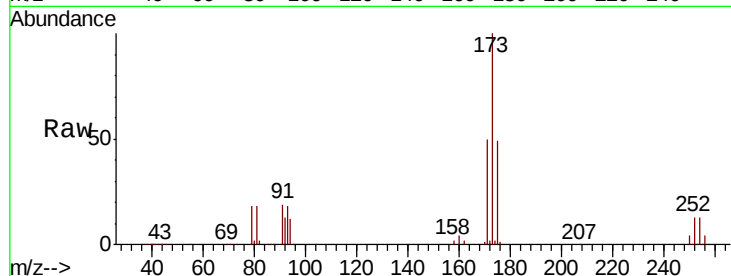
Tgt Ion:173 Resp: 113785

Ion Ratio Lower Upper

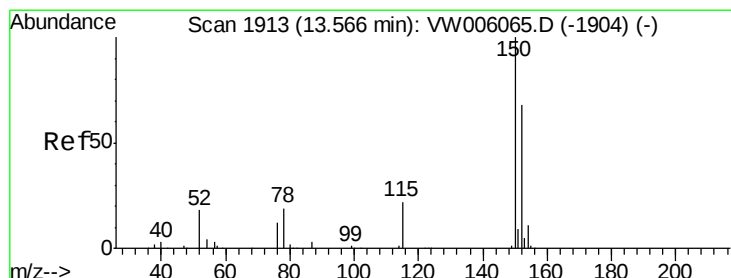
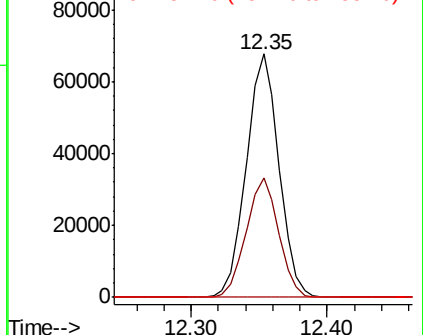
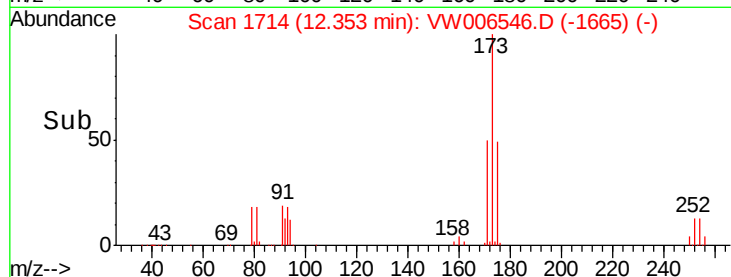
173 100

175 48.9 24.1 72.4

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

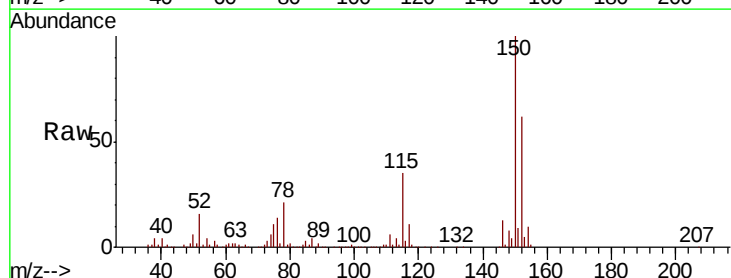
Tgt Ion:152 Resp: 217326

Ion Ratio Lower Upper

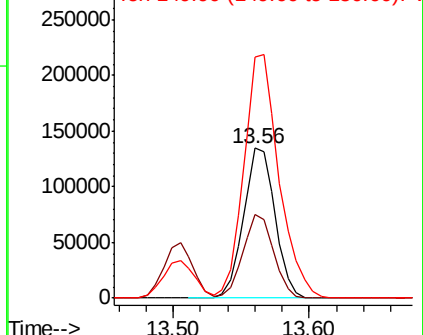
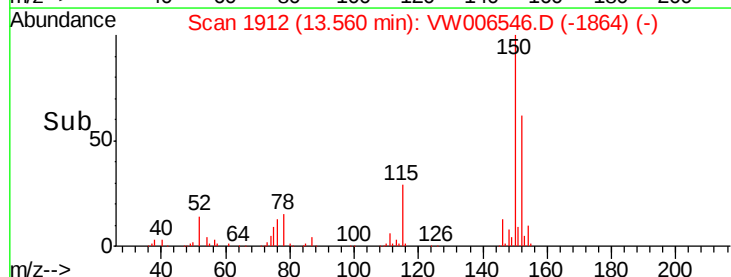
152 100

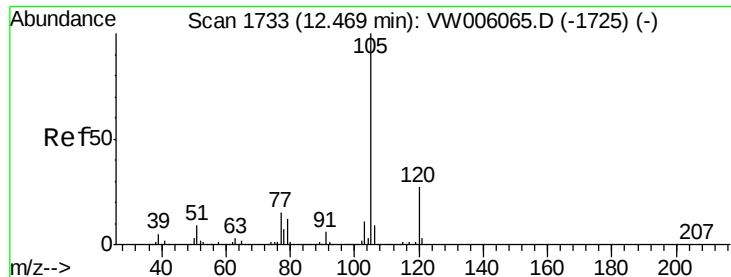
115 54.2 26.6 79.8

150 181.3 0.0 344.6



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: 68.609 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

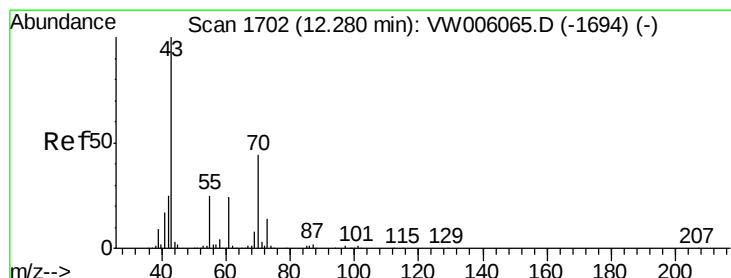
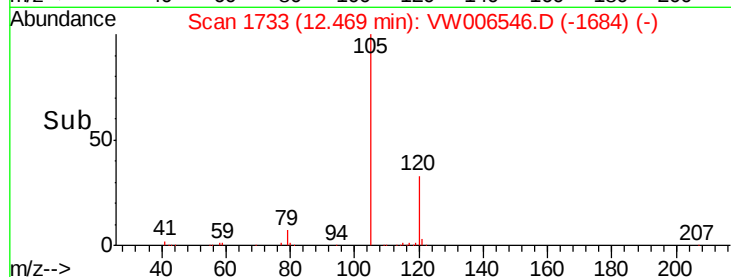
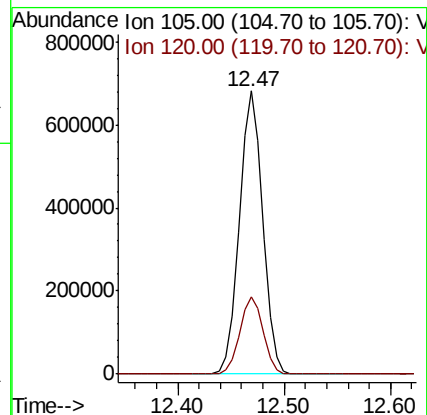
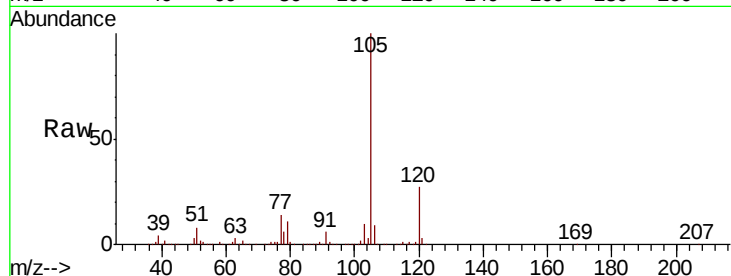
VSTDIC075

Tgt Ion:105 Resp: 1045579

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 61.434 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion: 43 Resp: 178700

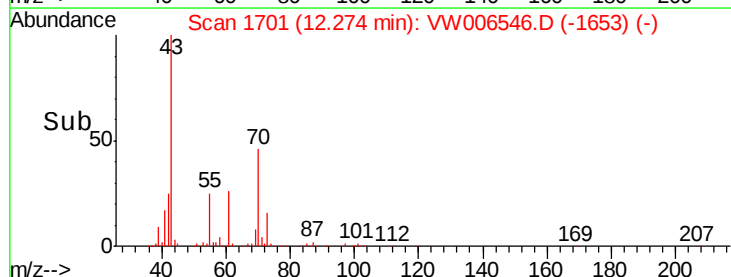
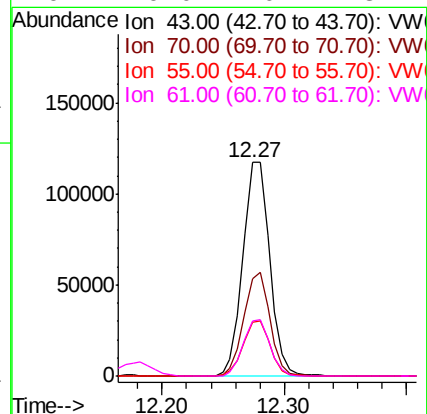
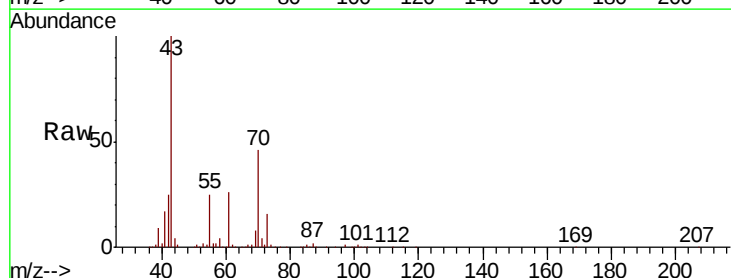
Ion Ratio Lower Upper

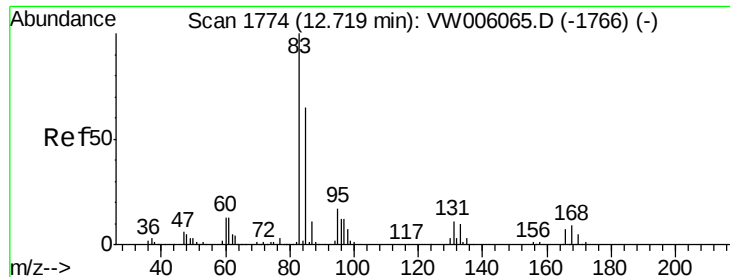
43 100

70 47.0 36.9 55.3

55 25.9 20.7 31.1

61 26.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 68.089 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

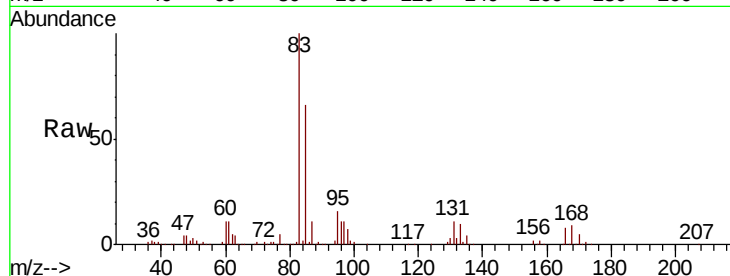
Tgt Ion: 83 Resp: 157861

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

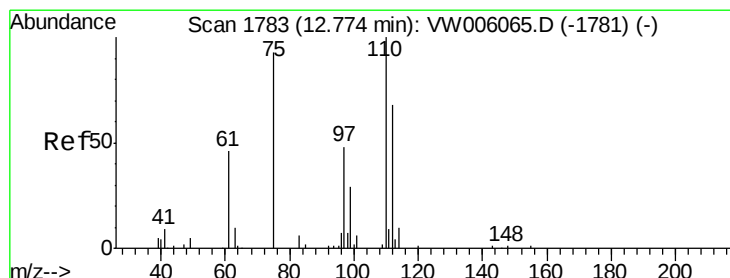
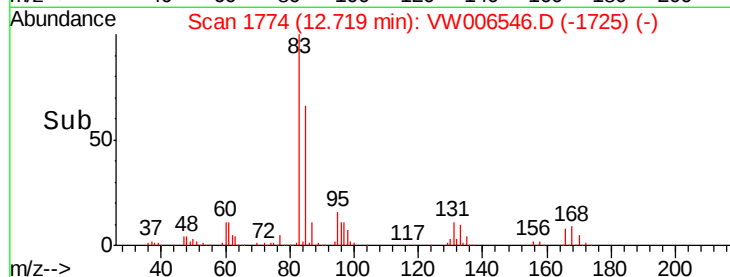
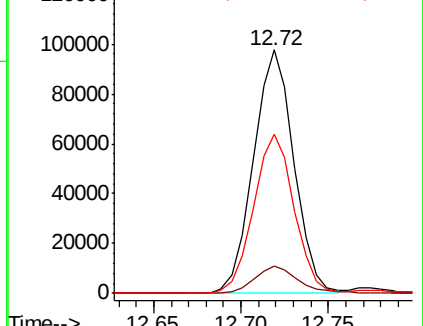
85 65.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 121.645 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006546.D

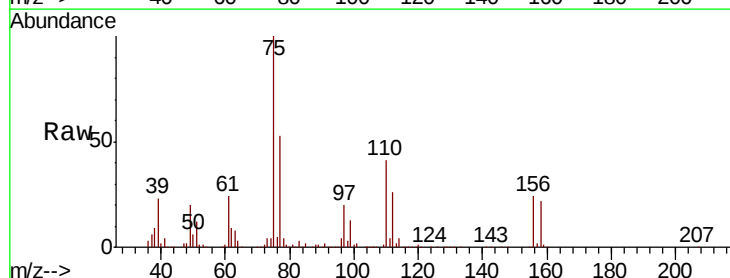
Acq: 01 Nov 2018 01:13

Tgt Ion: 75 Resp: 204578

Ion Ratio Lower Upper

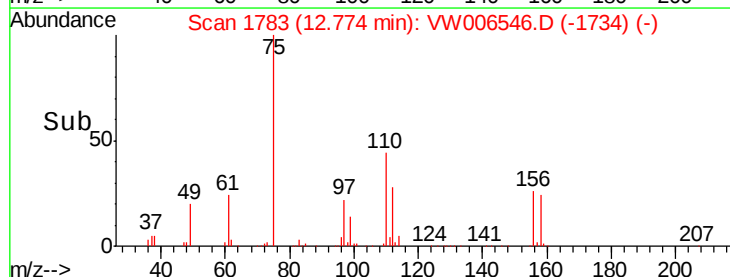
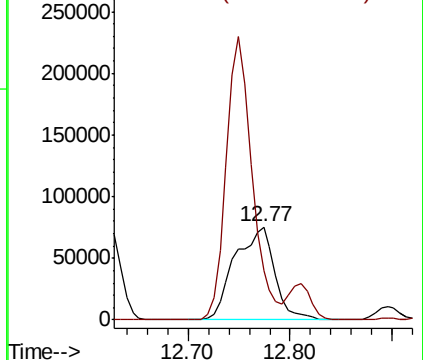
75 100

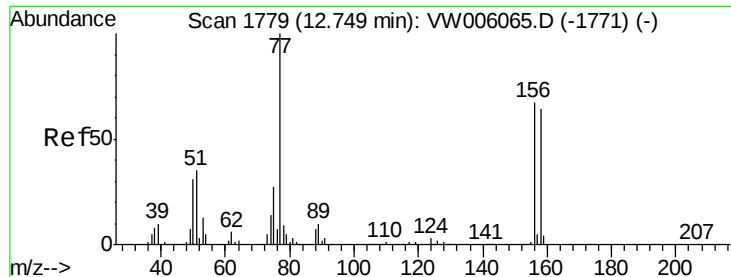
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 70.786 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

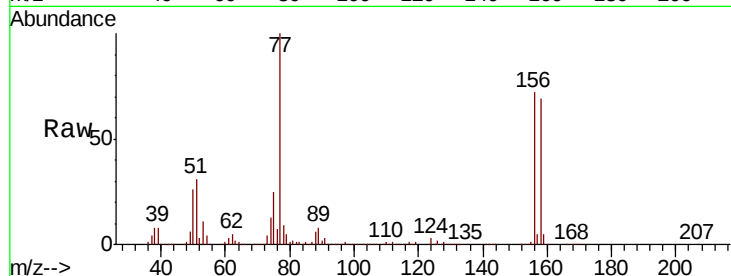
Tgt Ion:156 Resp: 265878

Ion Ratio Lower Upper

156 100

77 152.9 75.9 227.8

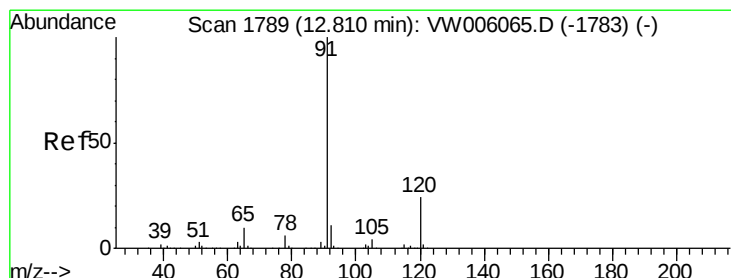
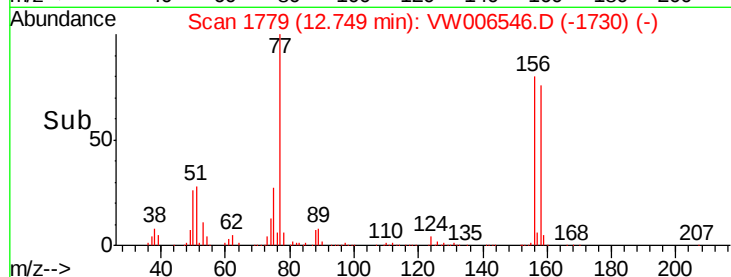
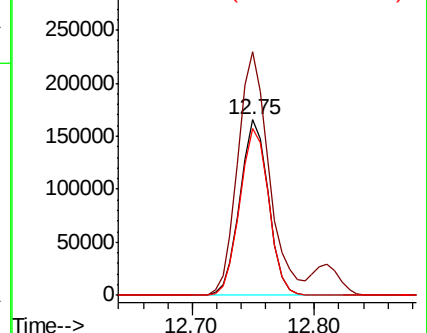
158 96.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 68.221 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006546.D

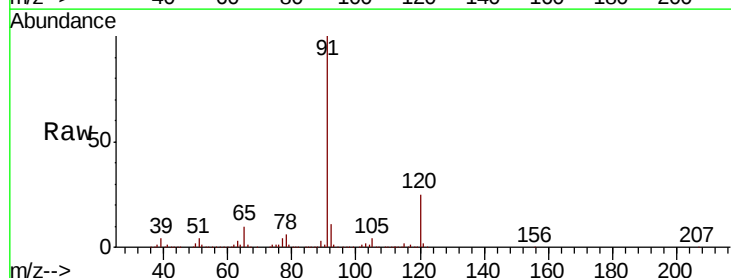
Acq: 01 Nov 2018 01:13

Tgt Ion: 91 Resp: 1205933

Ion Ratio Lower Upper

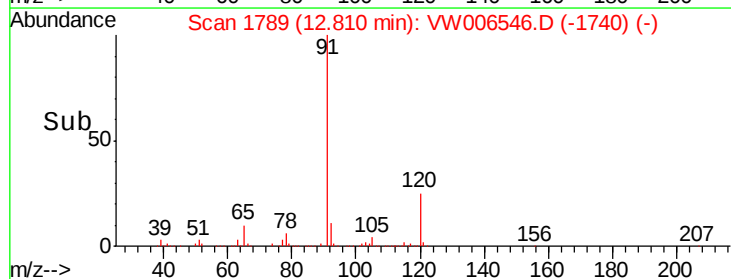
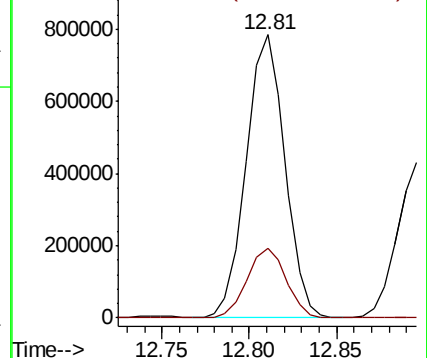
91 100

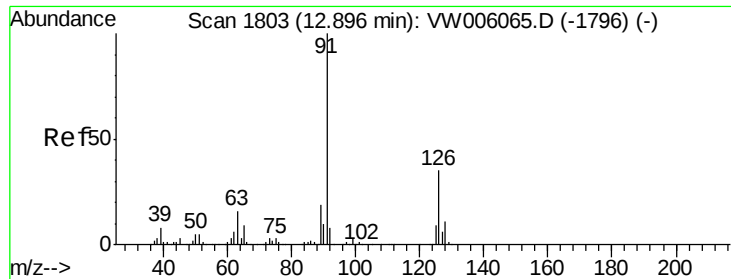
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 68.975 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

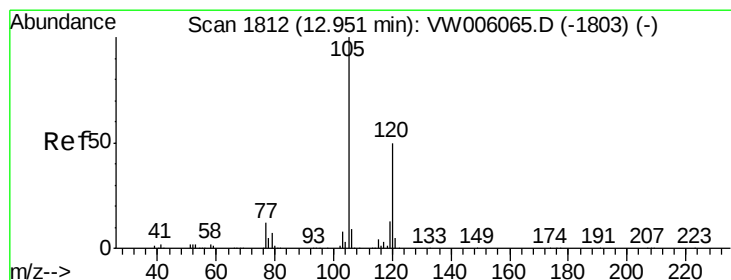
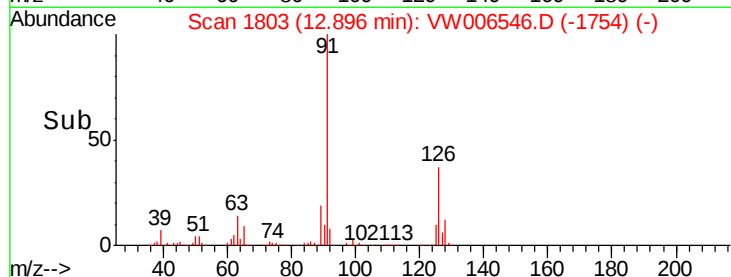
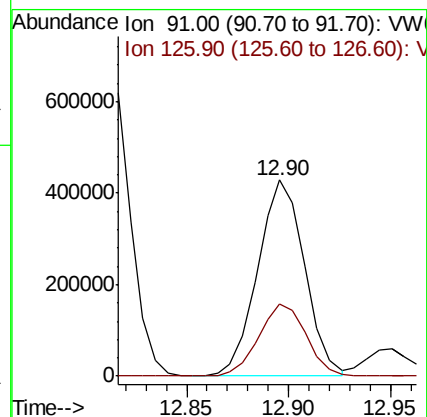
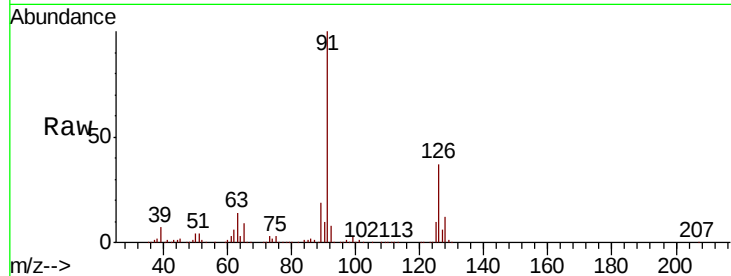
VSTDIC075

Tgt Ion: 91 Resp: 685655

Ion Ratio Lower Upper

91 100

126 37.1 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 69.422 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006546.D

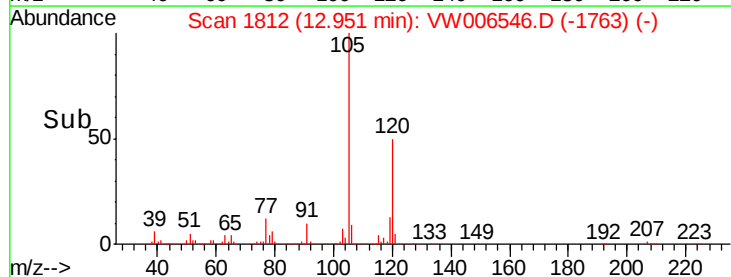
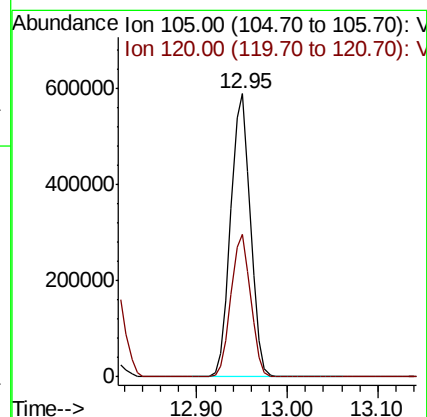
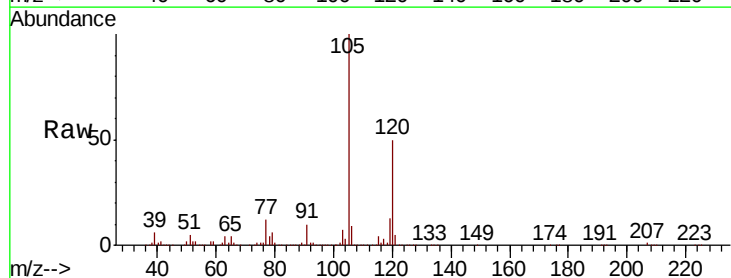
Acq: 01 Nov 2018 01:13

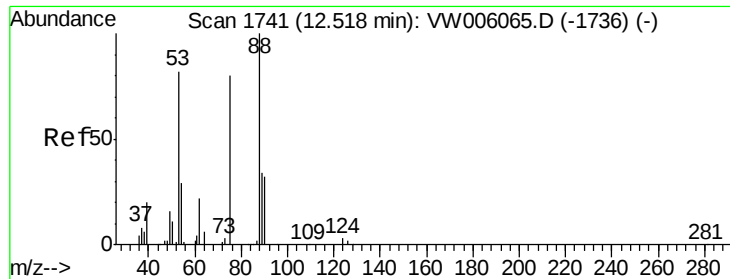
Tgt Ion: 105 Resp: 890592

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 66.116 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

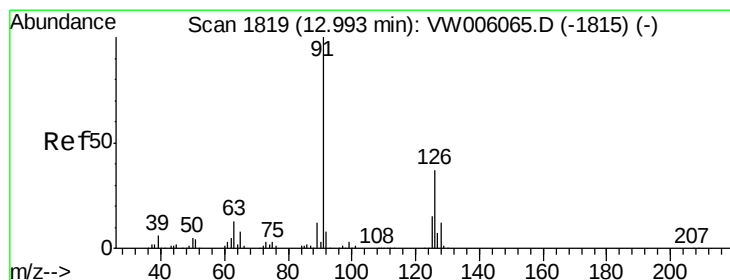
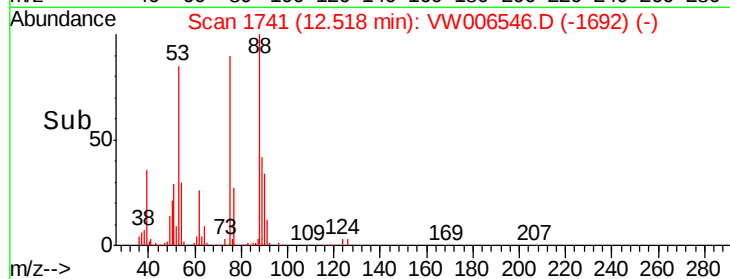
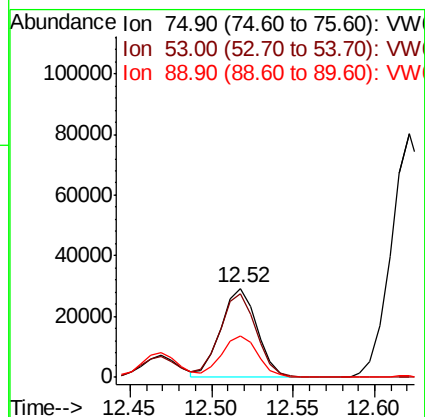
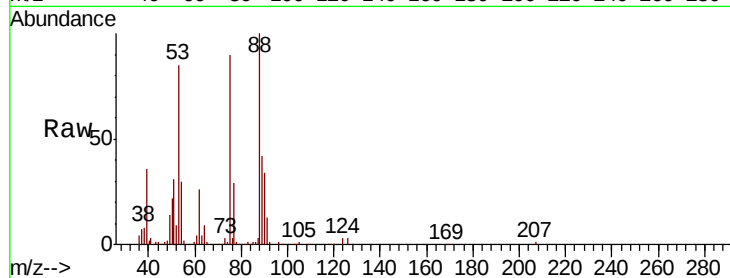
Tgt Ion: 75 Resp: 45016

Ion Ratio Lower Upper

75 100

53 95.7 77.2 115.8

89 46.8 38.6 58.0



#82

4-Chlorotoluene

Concen: 69.874 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006546.D

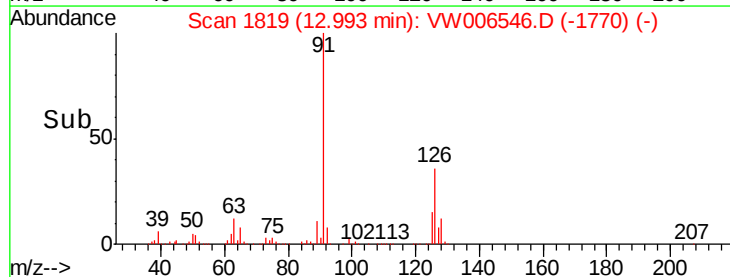
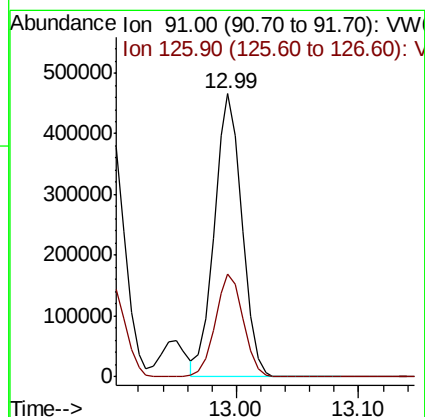
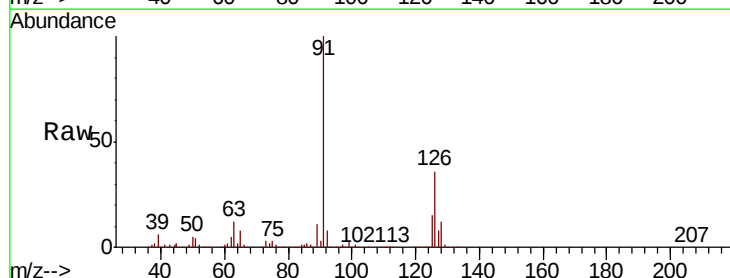
Acq: 01 Nov 2018 01:13

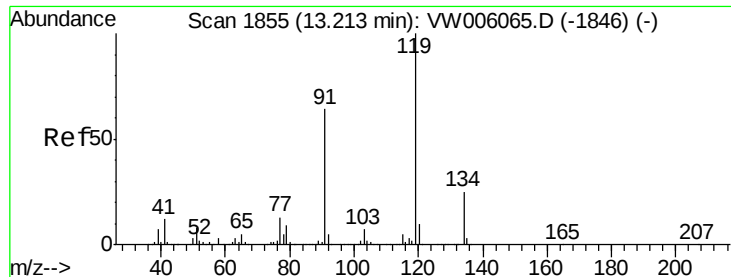
Tgt Ion: 91 Resp: 730410

Ion Ratio Lower Upper

91 100

126 36.7 18.5 55.5

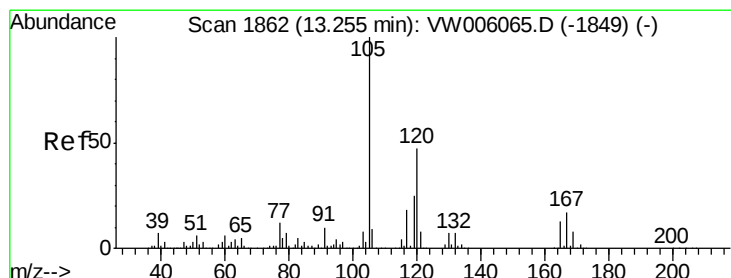
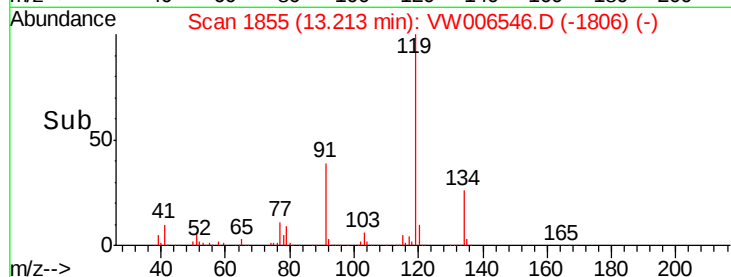
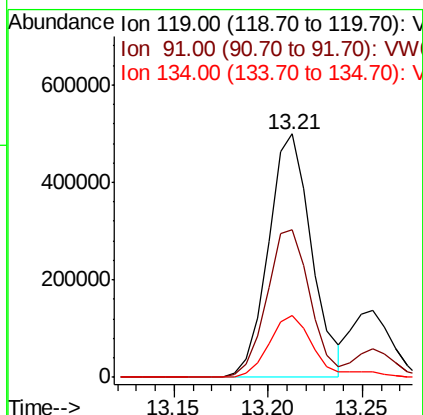
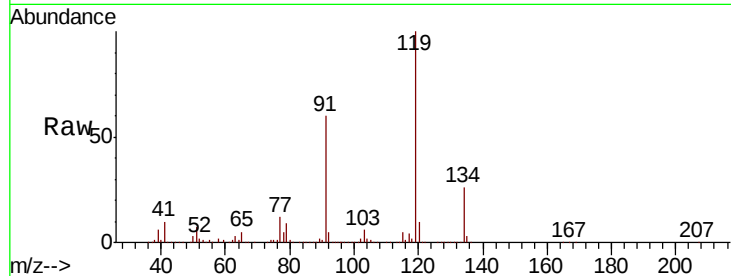




#83
tert-Butylbenzene
Concen: 69.012 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

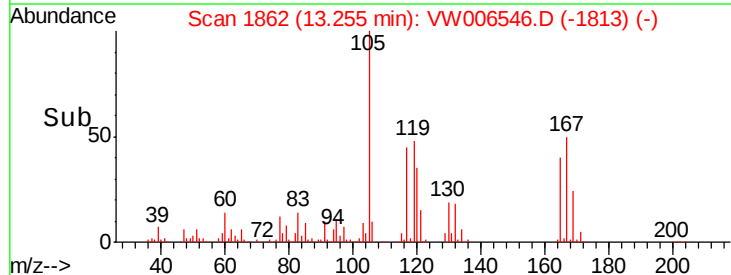
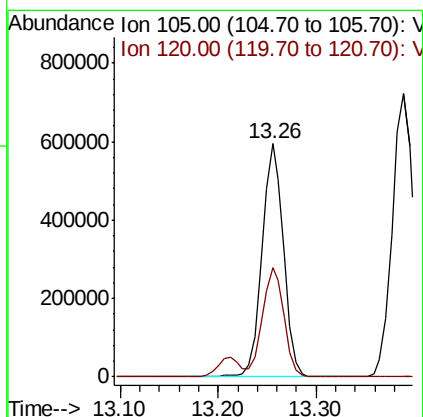
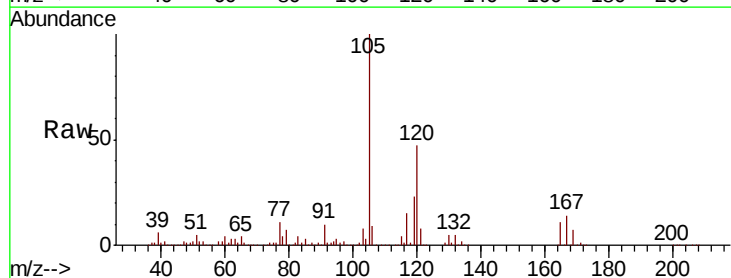
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

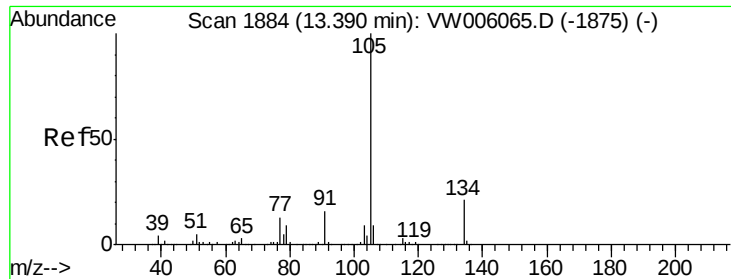
Tgt Ion:119 Resp: 792522
Ion Ratio Lower Upper
119 100
91 60.7 30.4 91.3
134 26.8 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 69.693 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion:105 Resp: 907442
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6

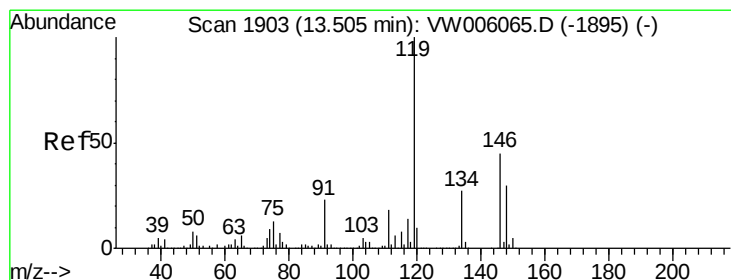
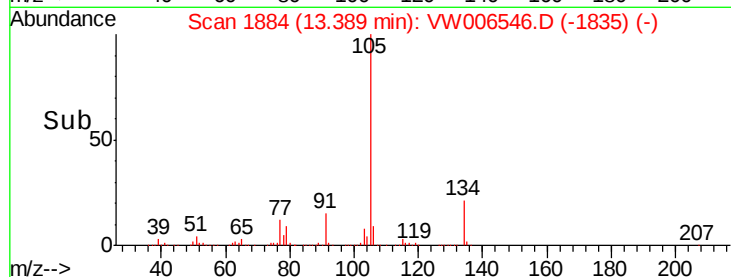
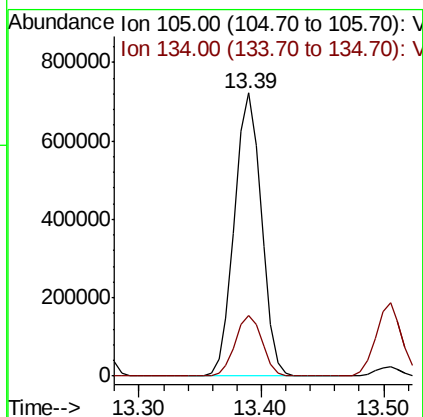
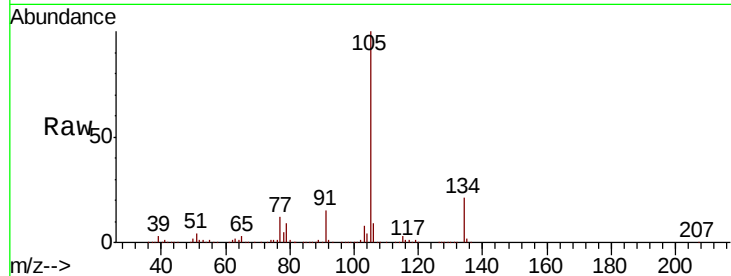




#85
 sec-Butylbenzene
 Concen: 68.234 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

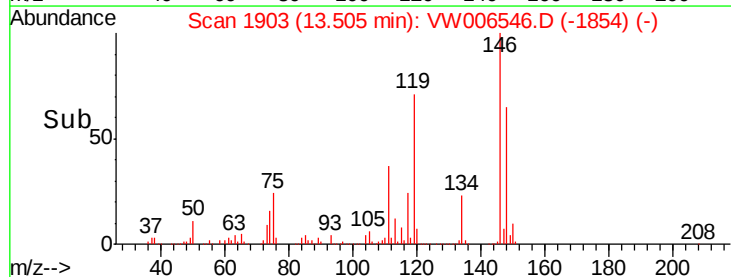
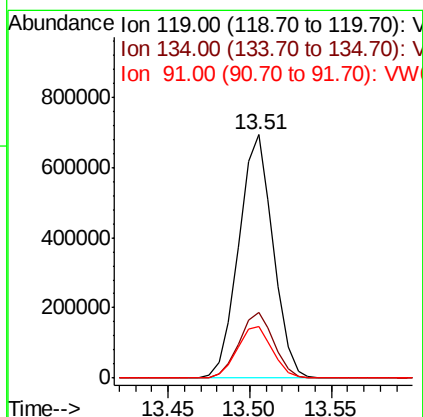
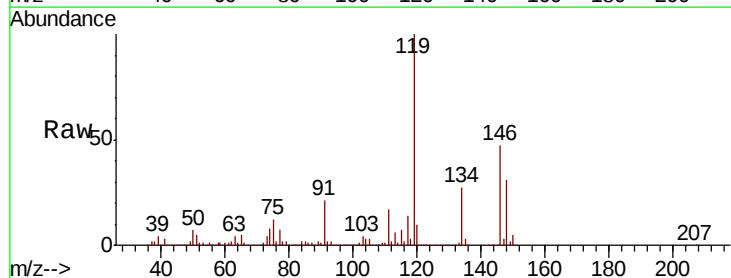
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

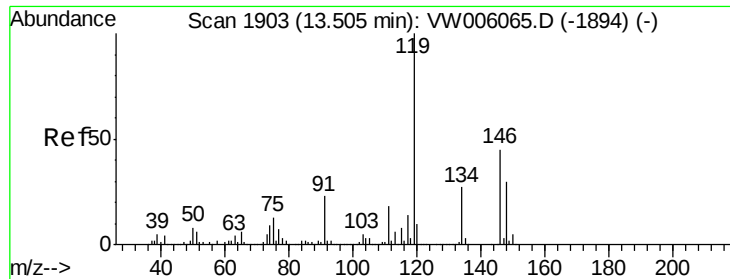
Tgt Ion:105 Resp: 1103740
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 69.343 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion:119 Resp: 1015447
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.6 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 70.880 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

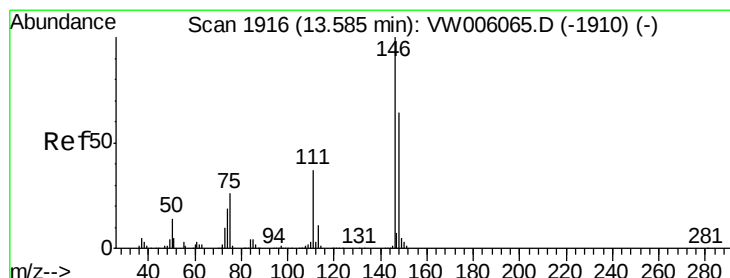
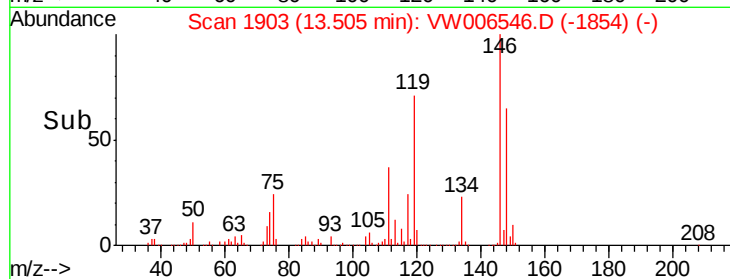
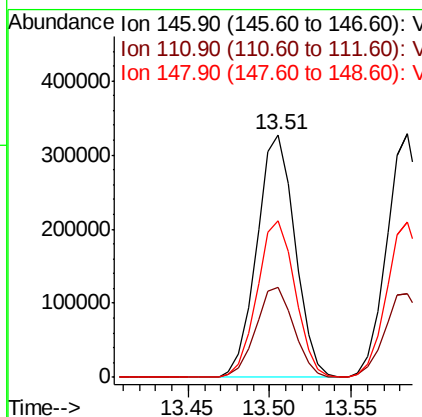
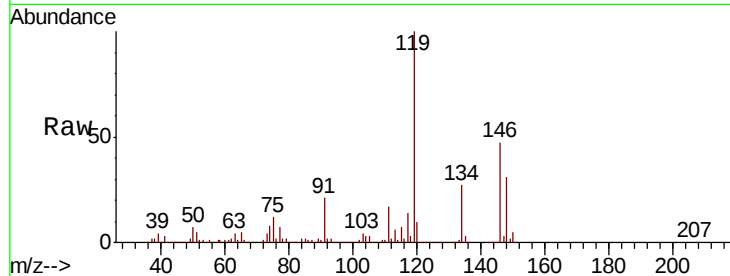
Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:146 Resp: 529757

Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	64.5	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 70.217 ug/l

RT: 13.58 min Scan# 1916

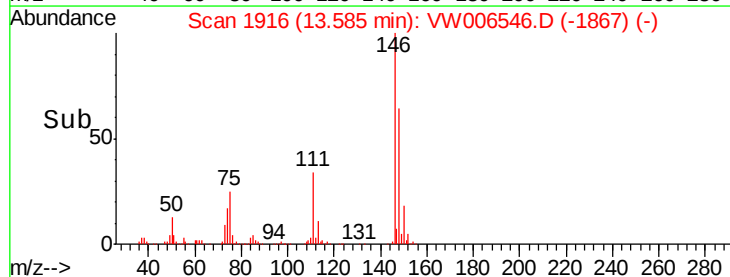
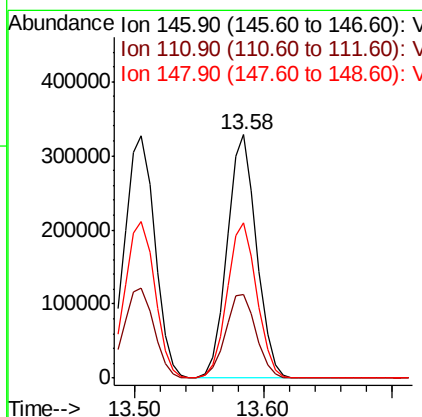
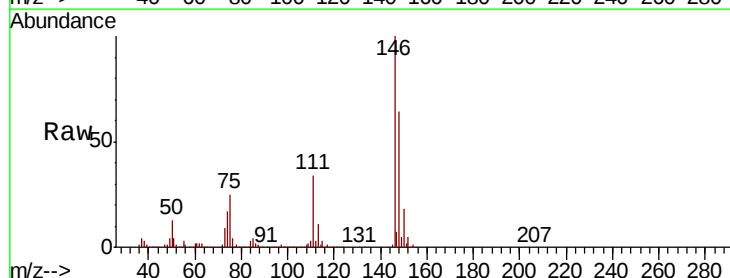
Delta R.T. -0.00 min

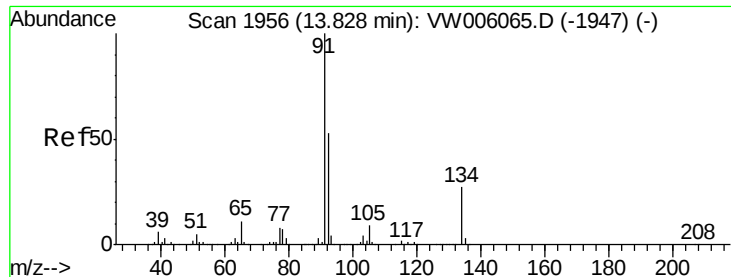
Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:146 Resp: 522173

Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.9	53.7
148	64.3	32.1	96.5





#89

n-Butylbenzene

Concen: 67.441 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

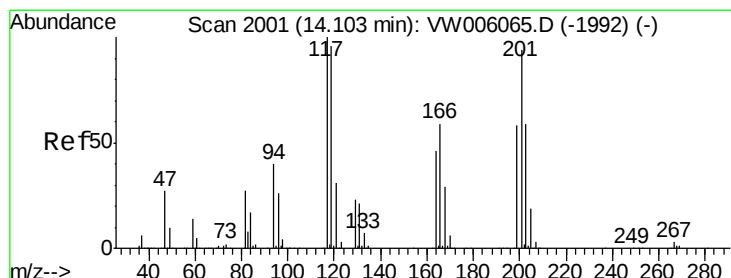
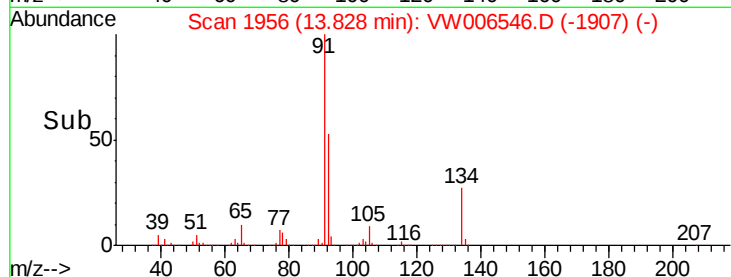
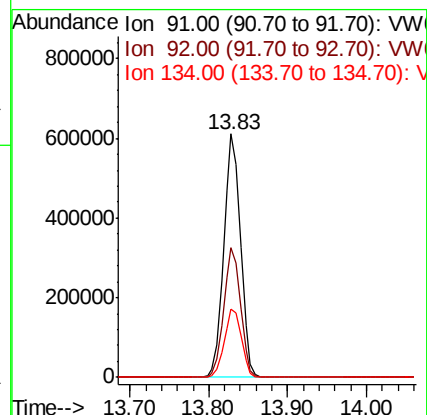
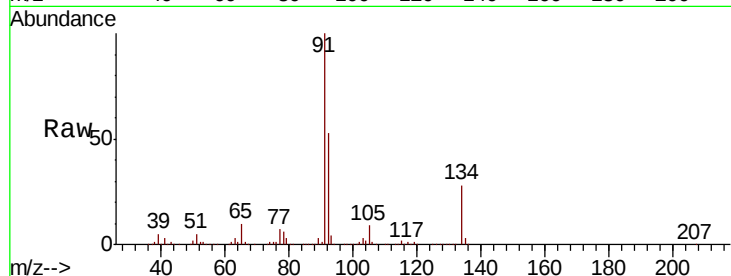
Tgt Ion: 91 Resp: 900678

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.0

134 28.8 14.3 42.9



#90

Hexachloroethane

Concen: 68.998 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006546.D

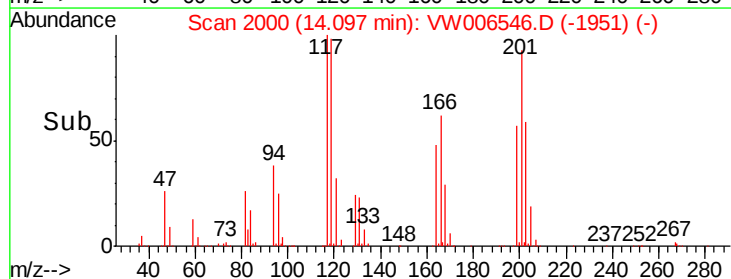
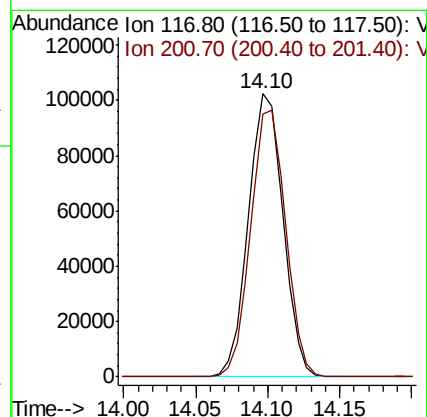
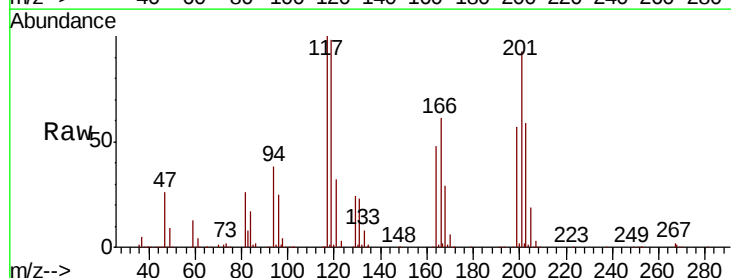
Acq: 01 Nov 2018 01:13

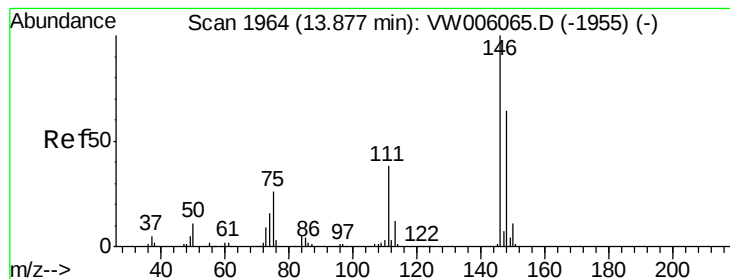
Tgt Ion: 117 Resp: 170296

Ion Ratio Lower Upper

117 100

201 95.1 46.8 140.3





#91

1,2-Dichlorobenzene

Concen: 70.488 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

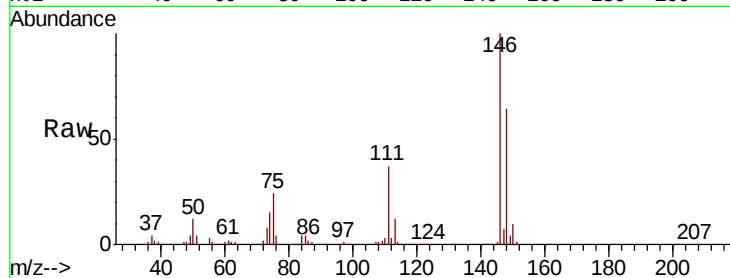
Tgt Ion:146 Resp: 470056

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.5

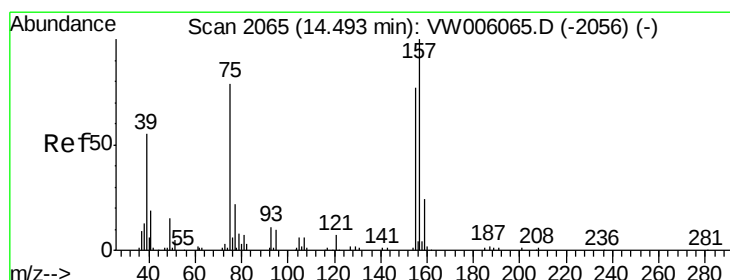
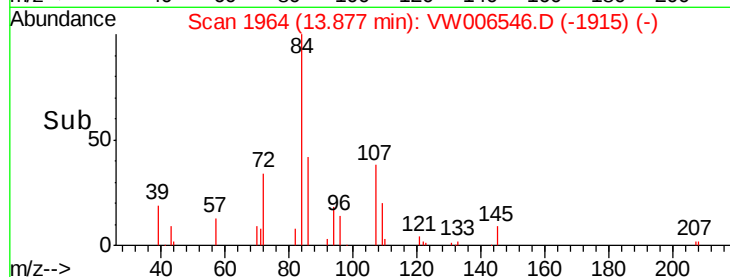
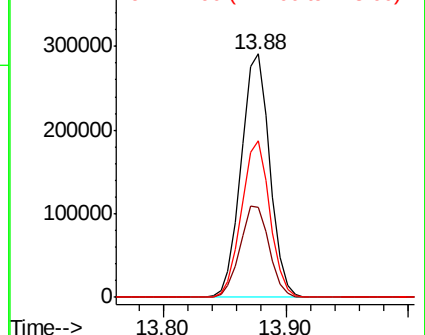
148 63.9 32.0 96.0



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: 62.986 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

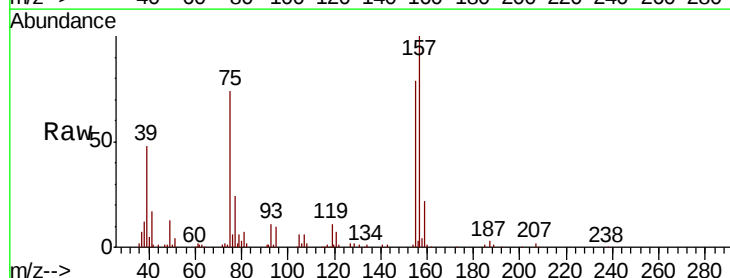
Tgt Ion: 75 Resp: 25758

Ion Ratio Lower Upper

75 100

155 98.8 50.6 151.8

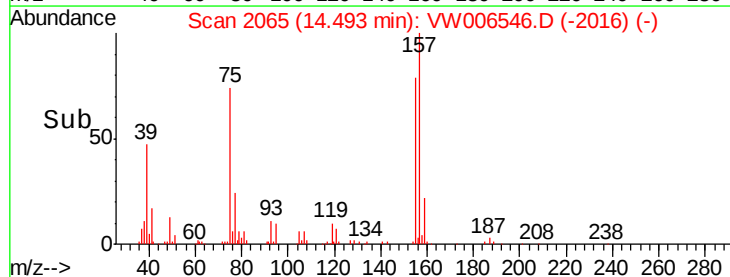
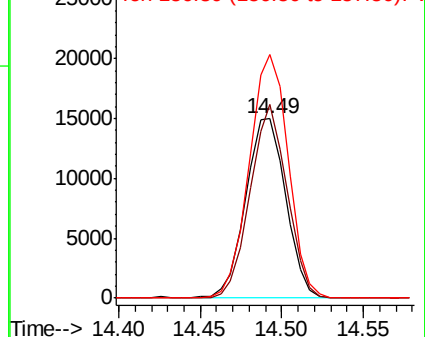
157 131.5 65.0 195.0

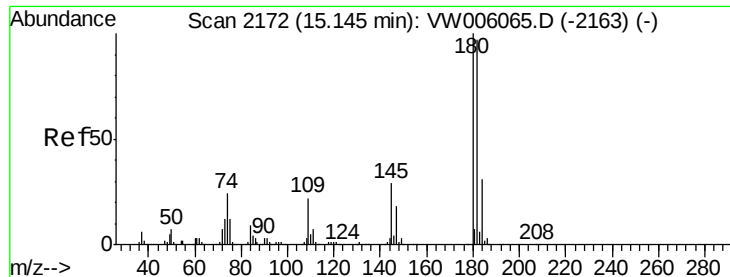


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

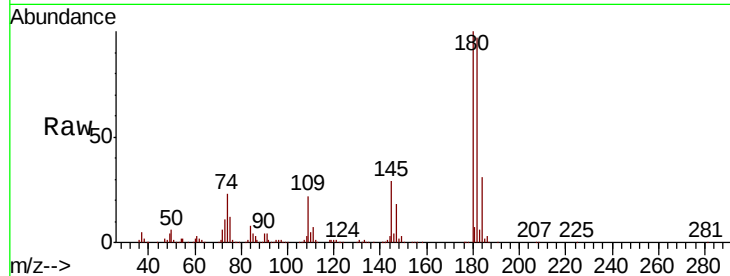




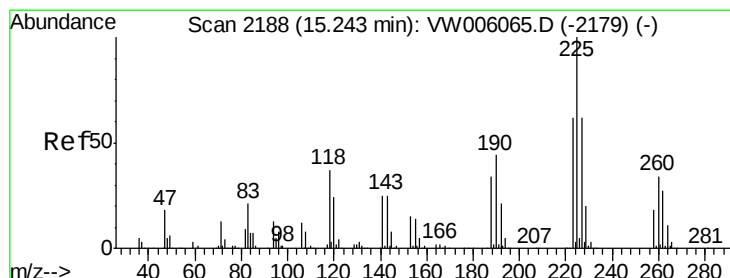
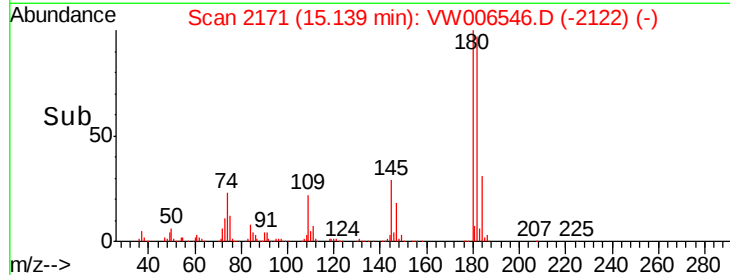
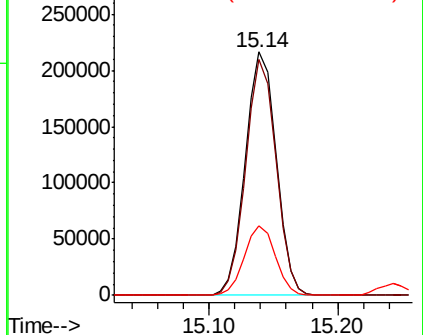
#93
 1,2,4-Trichlorobenzene
 Concen: 69.791 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:180 Resp: 358376
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.5 142.6
 145 28.5 14.0 42.0

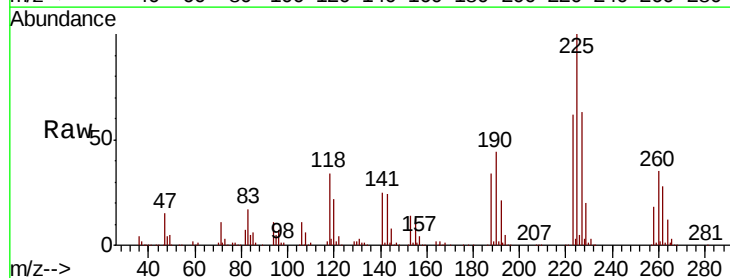


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

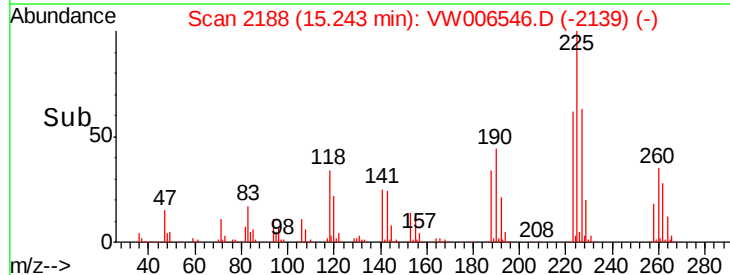
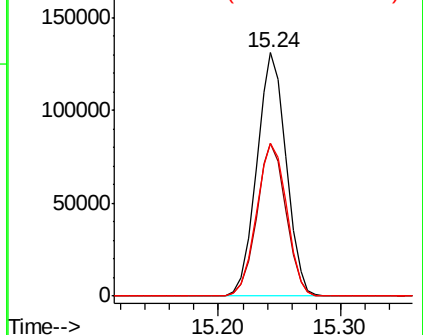


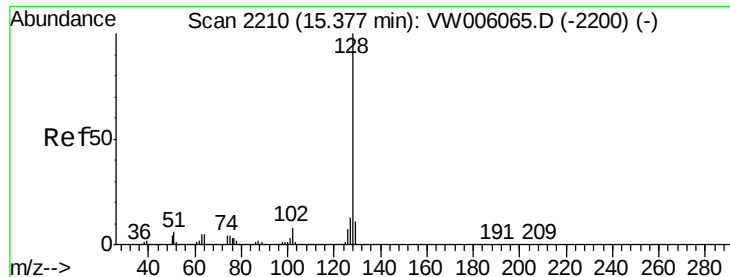
#94
 Hexachlorobutadiene
 Concen: 68.317 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion:225 Resp: 218961
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.2
 227 64.4 32.2 96.6



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

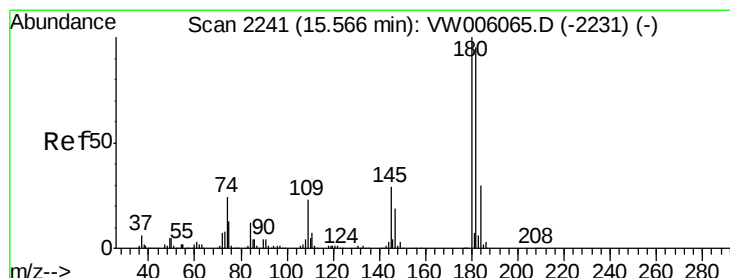
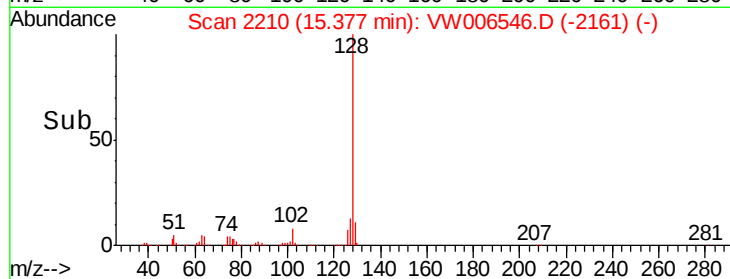
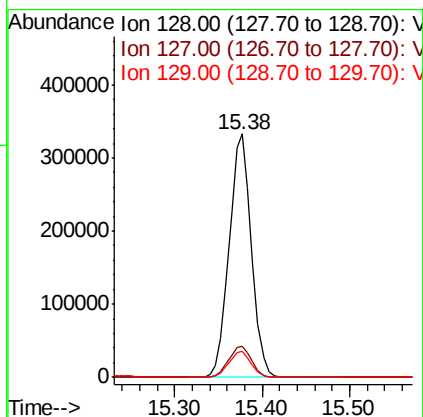
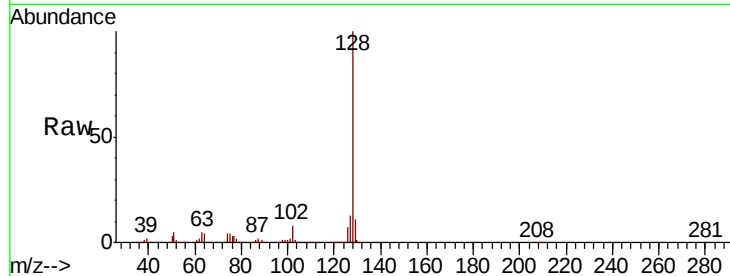




#95
Naphthalene
Concen: 68.689 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 584429
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 70.020 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion:180 Resp: 311429
Ion Ratio Lower Upper
180 100
182 95.3 48.2 144.6
145 29.9 14.9 44.5

