

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122018\
 Data File : VW007675.D
 Acq On : 19 Dec 2018 00:14
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:21:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37116	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	7.88	113	32899	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.32	98	120254	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	47095	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20873	47.243	ug/l	95
3) Chloromethane	2.21	50	14934	40.359	ug/l	97
4) Vinyl Chloride	2.37	62	19516	44.943	ug/l	95
5) Bromomethane	2.78	94	14134	48.444	ug/l	91
6) Chloroethane	2.93	64	11393	47.663	ug/l	98
7) Trichlorofluoromethane	3.26	101	20523	52.569	ug/l	96
8) Diethyl Ether	3.68	74	16942	55.446	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31895	49.513	ug/l	98
10) Methyl Iodide	4.26	142	53600	50.240	ug/l	96
11) Tert butyl alcohol	5.17	59	13501	280.258	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	30894	49.811	ug/l	95
13) Acrolein	3.89	56	8221	257.905	ug/l	99
14) Allyl chloride	4.66	41	42407	46.386	ug/l	95
15) Acrylonitrile	5.36	53	35109	272.564	ug/l	99
16) Acetone	4.12	43	34601	282.413	ug/l	99
17) Carbon Disulfide	4.37	76	85679	45.561	ug/l	100
18) Methyl Acetate	4.67	43	17495	52.612	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	52261	55.856	ug/l	99
20) Methylene Chloride	4.90	84	34470	51.571	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	34671	49.972	ug/l	96
22) Diisopropyl ether	6.31	45	86897	49.451	ug/l	92
23) Vinyl Acetate	6.26	43	265046	269.660	ug/l	95
24) 1,1-Dichloroethane	6.21	63	59742	50.302	ug/l	99
25) 2-Butanone	7.17	43	45548	284.766	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41020	52.187	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	39024	51.368	ug/l	99
28) Bromochloromethane	7.51	49	22677	50.762	ug/l	94
29) Tetrahydrofuran	7.53	42	27966	276.184	ug/l	96
30) Chloroform	7.67	83	68735	53.182	ug/l	98
31) Cyclohexane	7.95	56	46648	42.810	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	61442	54.210	ug/l	99
36) 1,1-Dichloropropene	8.08	75	49206	52.726	ug/l	99
37) Ethyl Acetate	7.25	43	19875	57.260	ug/l	99
38) Carbon Tetrachloride	8.07	117	58433	57.545	ug/l	98

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

39) Methylcyclohexane	9.34	83	58488	51.757	ug/l	91
40) Benzene	8.32	78	138375	53.429	ug/l	100
41) Methacrylonitrile	7.48	41	11736	59.375	ug/l	93
42) 1,2-Dichloroethane	8.40	62	48981	60.206	ug/l	98
43) Isopropyl Acetate	8.43	43	41025	59.835	ug/l	99
44) Trichloroethene	9.09	130	40532	54.805	ug/l	100
45) 1,2-Dichloropropane	9.37	63	32273	53.848	ug/l	97
46) Dibromomethane	9.46	93	20262	59.533	ug/l	98
47) Bromodichloromethane	9.65	83	51667	57.874	ug/l	96
48) Methyl methacrylate	9.44	41	19749	56.085	ug/l	90
49) 1,4-Dioxane	9.45	88	6425	1163.438	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	100703	310.848	ug/l	99
52) Toluene	10.39	92	93099	55.547	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51242	59.123	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	56130	56.022	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	28731	62.025	ug/l	97
56) Ethyl methacrylate	10.65	69	34683	62.293	ug/l	98
57) 1,3-Dichloropropane	10.93	76	47296	62.207	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	89594	348.949	ug/l	98
59) 2-Hexanone	10.97	43	72354	334.944	ug/l	99
60) Dibromochloromethane	11.13	129	37070	63.413	ug/l	96
61) 1,2-Dibromoethane	11.24	107	28373	61.981	ug/l	95
64) Tetrachloroethene	10.87	164	35910	53.267	ug/l	94
65) Chlorobenzene	11.66	112	107503	55.018	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	39244	57.025	ug/l	99
67) Ethyl Benzene	11.73	91	183986	54.767	ug/l	92
68) m/p-Xylenes	11.84	106	143344	109.759	ug/l	99
69) o-Xylene	12.17	106	67615	55.435	ug/l	96
70) Styrene	12.18	104	114893	58.319	ug/l	98
71) Bromoform	12.35	173	21555	61.194	ug/l #	96
73) Isopropylbenzene	12.47	105	193002	51.891	ug/l	98
74) N-amyl acetate	12.27	43	36975	54.699	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	31779	57.687	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	43956	109.826	ug/l	27
77) Bromobenzene	12.75	156	43824	53.156	ug/l	95
78) n-propylbenzene	12.81	91	222681	53.199	ug/l	100
79) 2-Chlorotoluene	12.90	91	129189	51.007	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	165572	52.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9795	54.061	ug/l	98
82) 4-Chlorotoluene	12.99	91	138726	51.961	ug/l	97
83) tert-Butylbenzene	13.21	119	144418	52.444	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	168436	52.374	ug/l	97
85) sec-Butylbenzene	13.39	105	198930	52.918	ug/l	95
86) p-Isopropyltoluene	13.51	119	181127	53.633	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	86880	52.854	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	86481	52.332	ug/l	97
89) n-Butylbenzene	13.83	91	163129	52.105	ug/l	99
90) Hexachloroethane	14.10	117	31921	53.122	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	79755	54.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6625	59.927	ug/l	99

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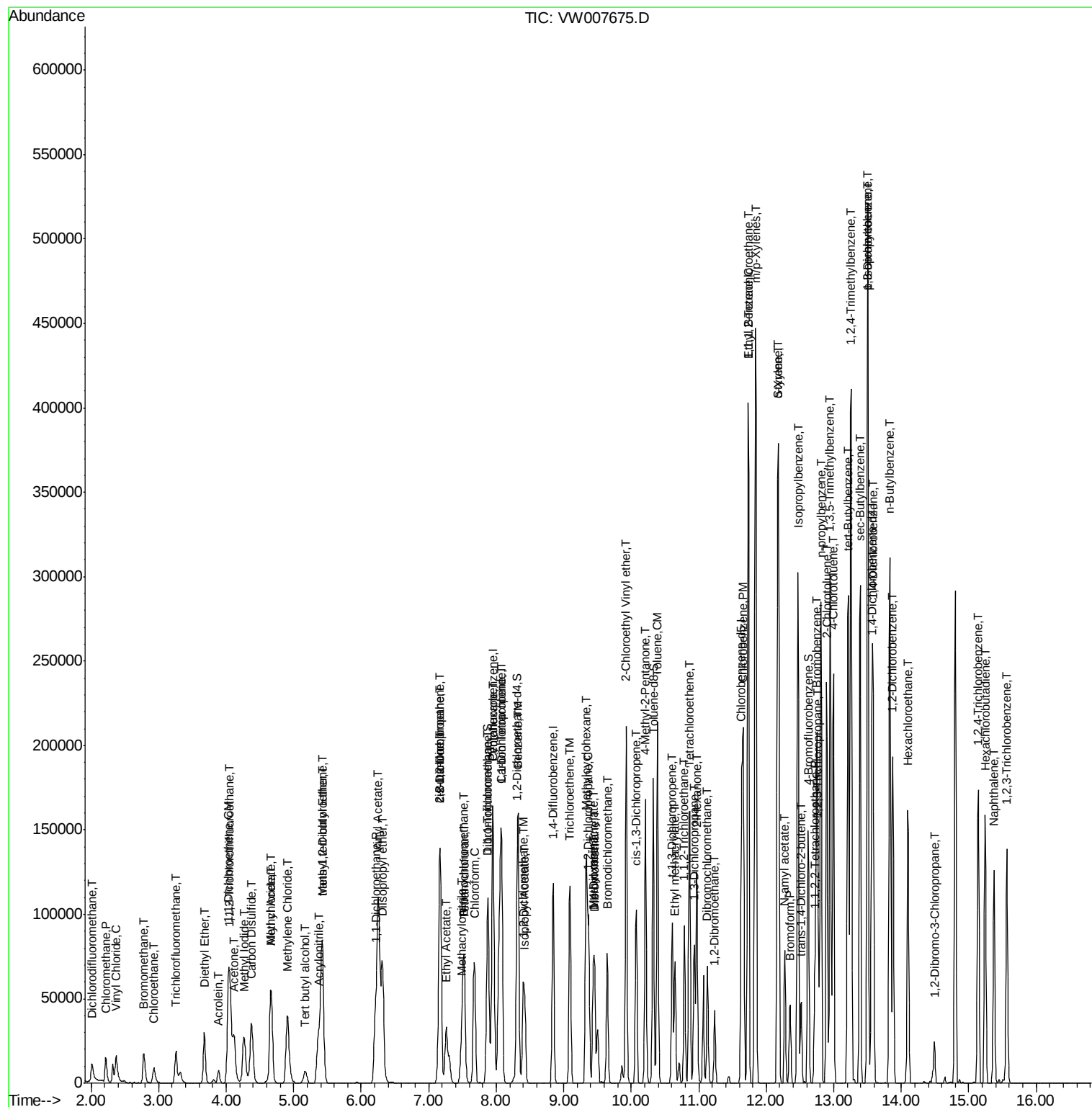
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	55260	54.540	ug/l	94
94) Hexachlorobutadiene	15.24	225	27838	51.783	ug/l	99
95) Naphthalene	15.38	128	112544	58.064	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	48540	55.150	ug/l	99

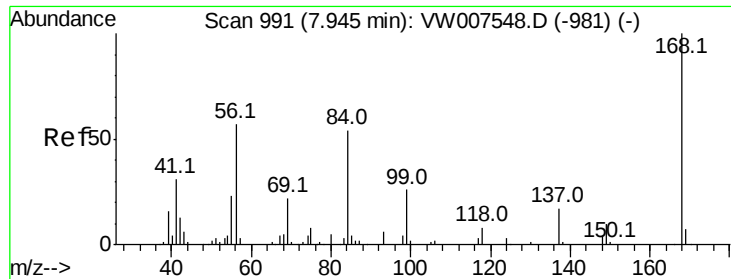
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

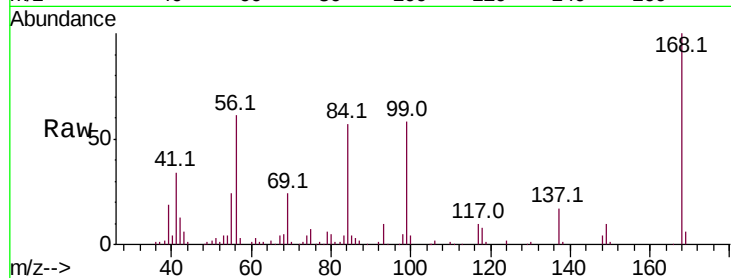
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 63225

Ion Ratio Lower Upper

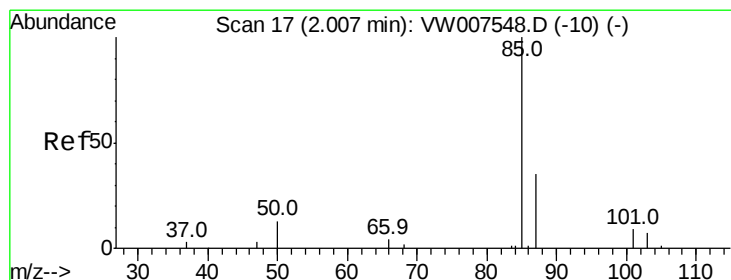
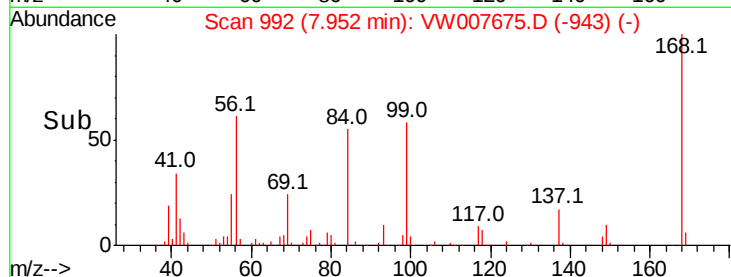
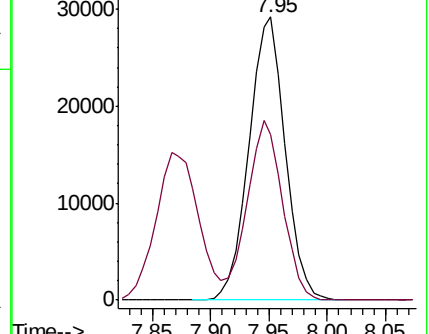
168 100

99 58.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.243 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007675.D

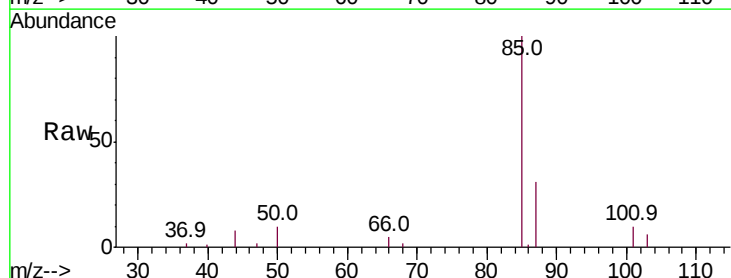
Acq: 19 Dec 2018 00:14

Tgt Ion: 85 Resp: 20873

Ion Ratio Lower Upper

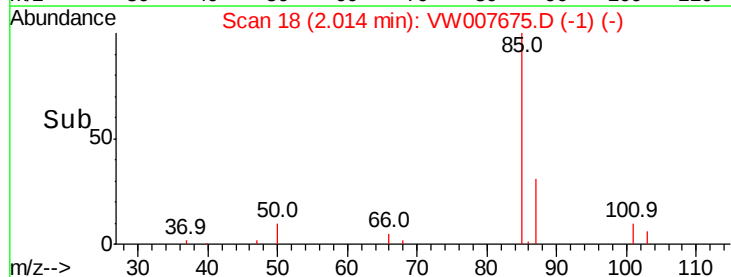
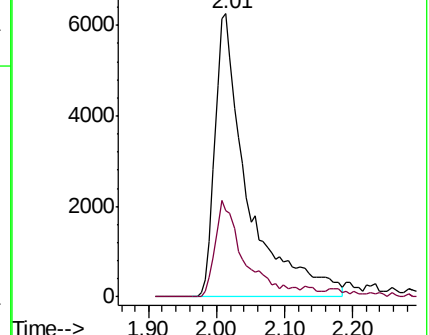
85 100

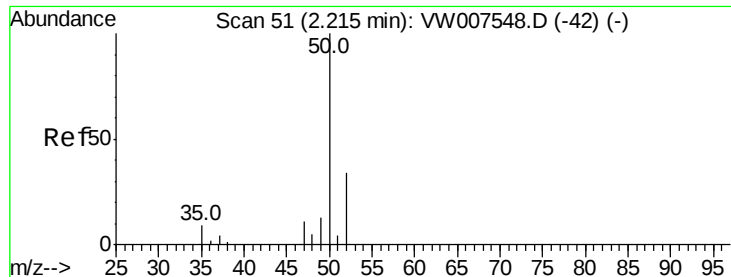
87 30.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 40.359 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

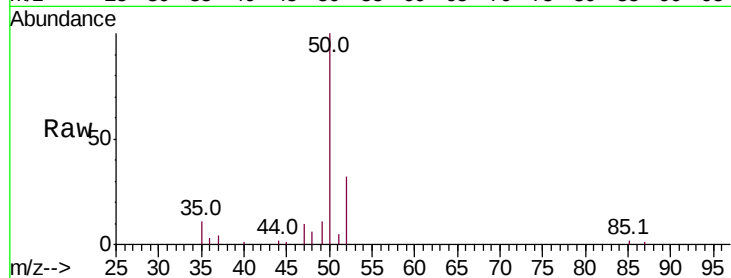
ClientSampleId :

Tot Ion: 50 Resp: 14934

Ion Ratio Lower Upper

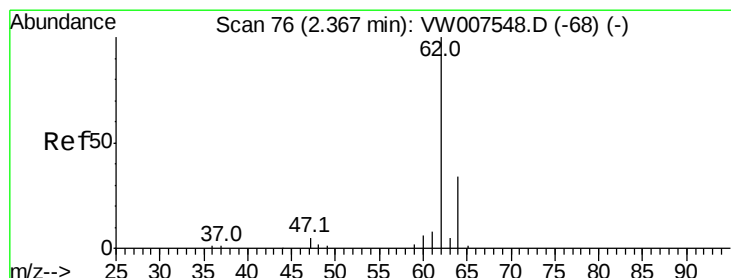
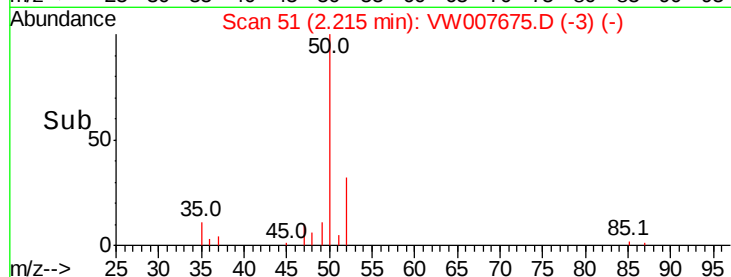
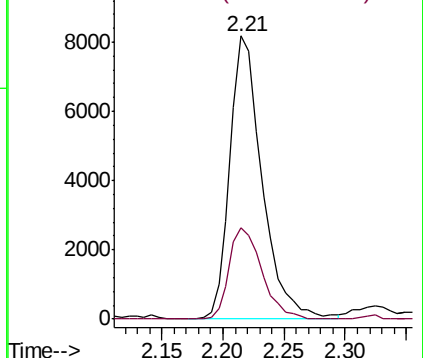
50 100

52 32.2 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.943 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007675.D

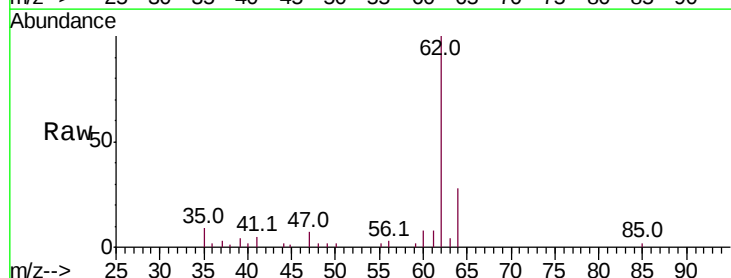
Acq: 19 Dec 2018 00:14

Tgt Ion: 62 Resp: 19516

Ion Ratio Lower Upper

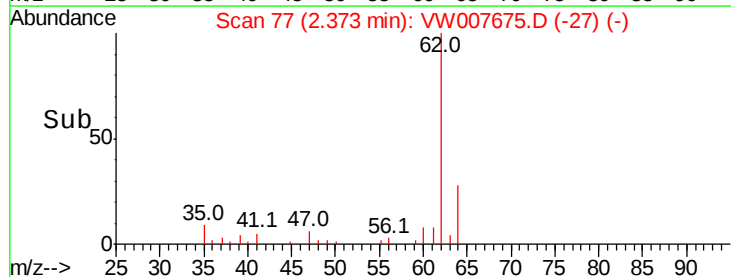
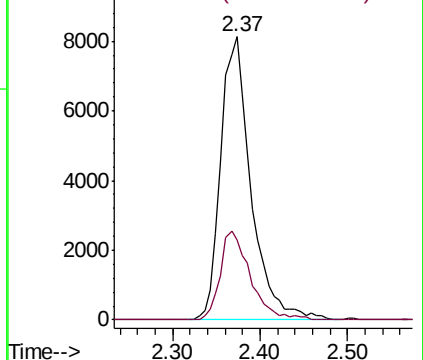
62 100

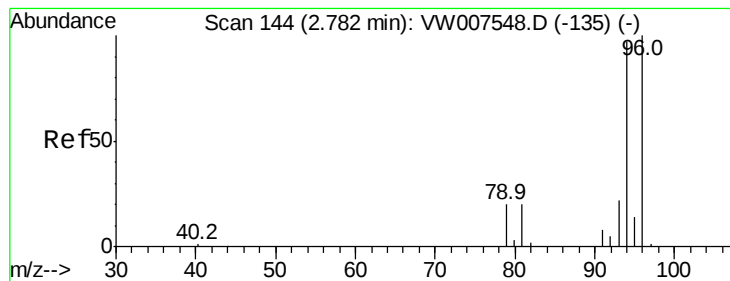
64 28.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 48.444 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

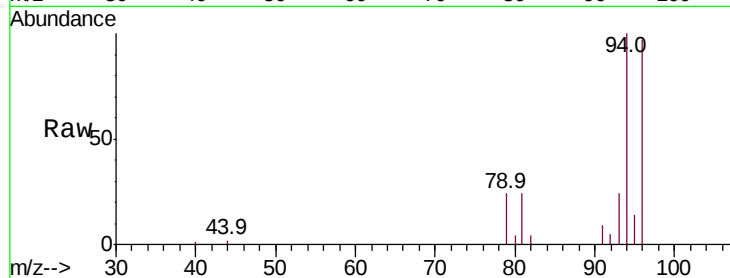
ClientSampleId :

Tot Ion: 94 Resp: 14134

Ion Ratio Lower Upper

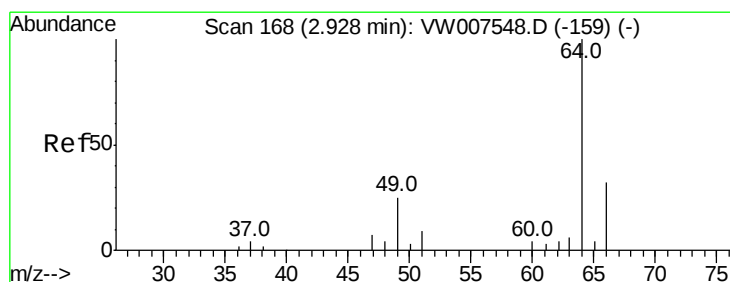
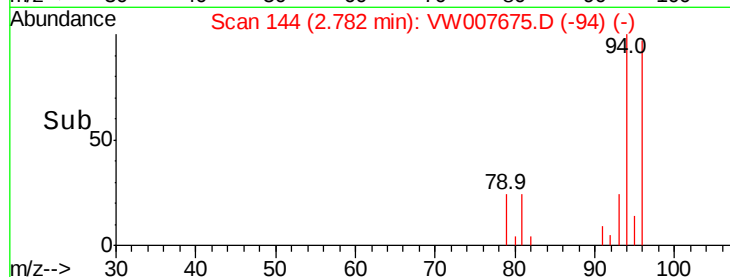
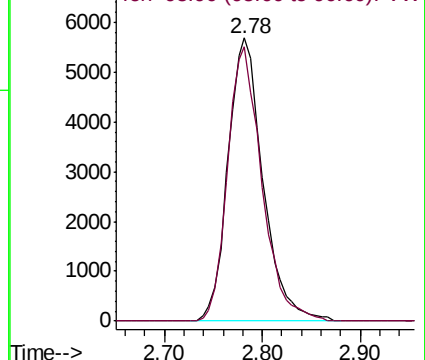
94 100

96 97.0 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 47.663 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007675.D

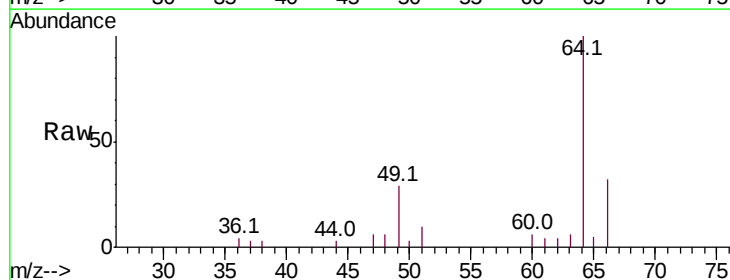
Acq: 19 Dec 2018 00:14

Tgt Ion: 64 Resp: 11393

Ion Ratio Lower Upper

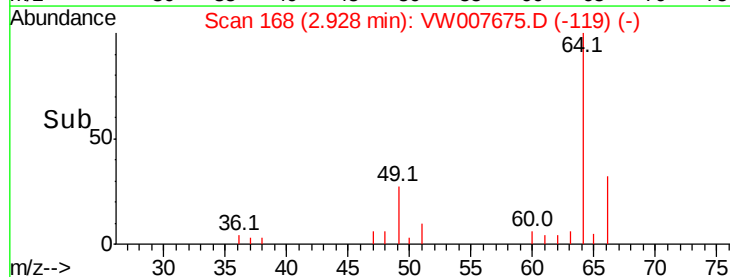
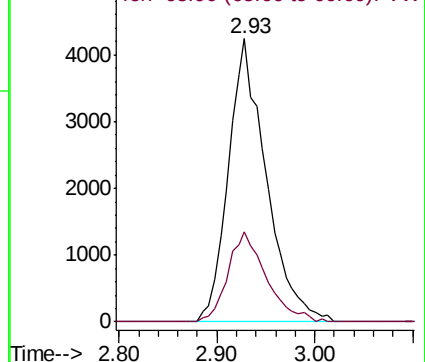
64 100

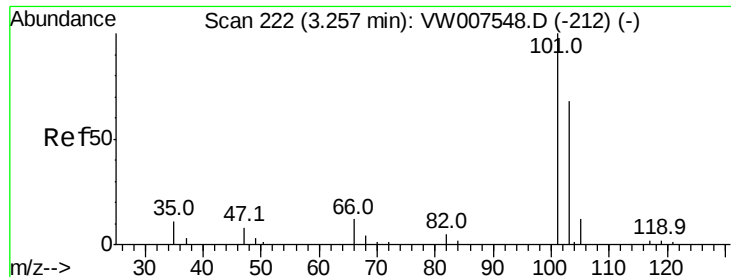
66 32.0 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



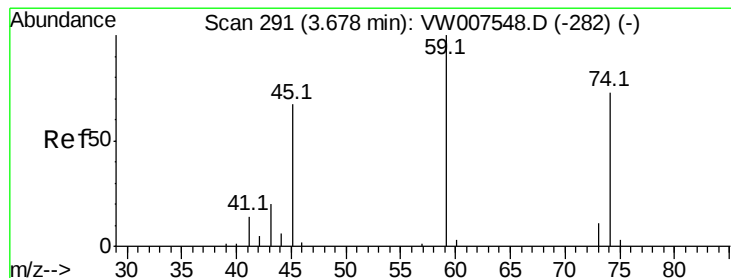
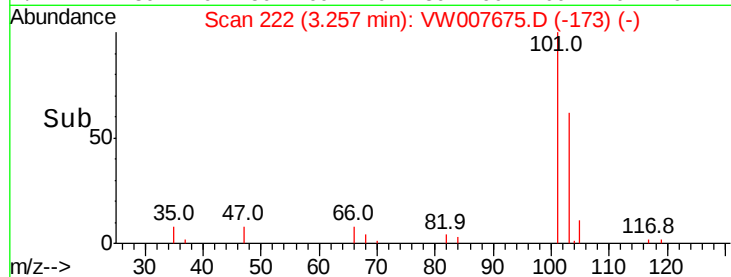
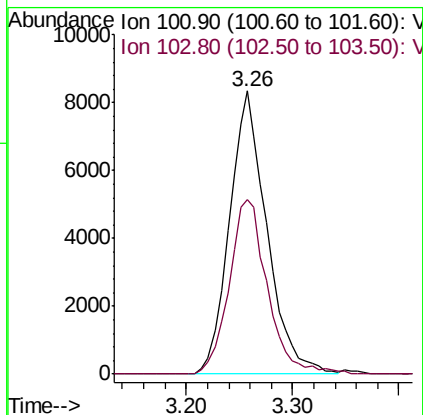
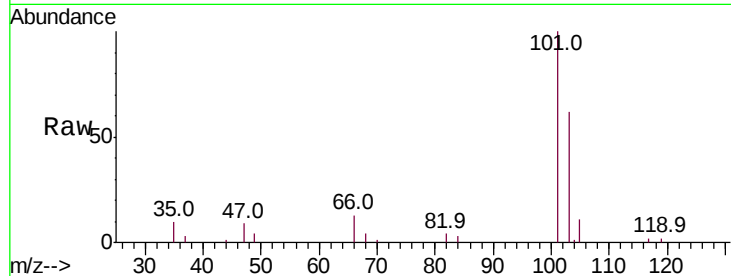


#7

Trichlorofluoromethane
 Concen: 52.569 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
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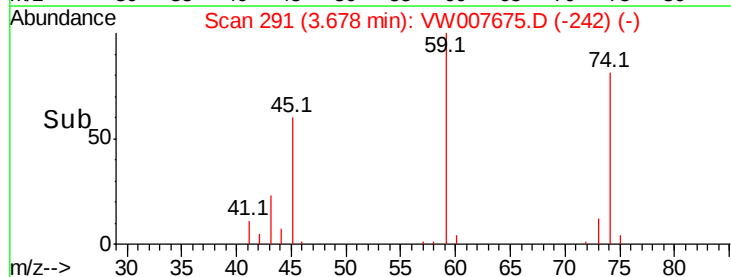
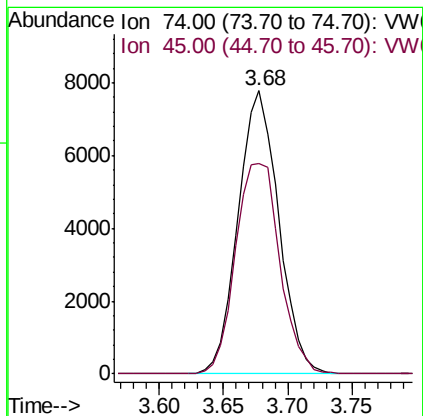
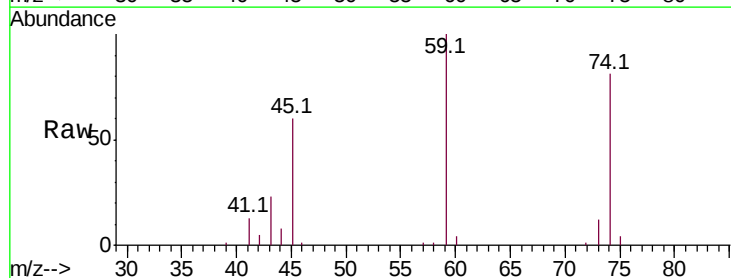
Tot Ion:101 Resp: 20523
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.7 77.5

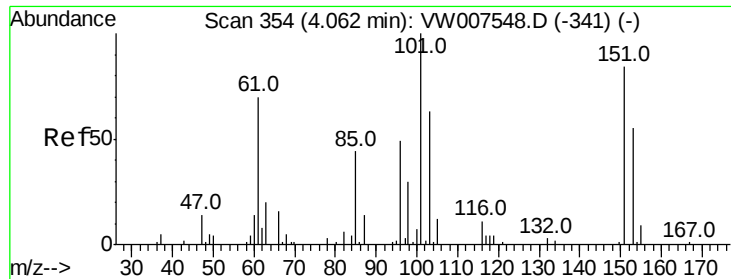


#8

Diethyl Ether
 Concen: 55.446 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 74 Resp: 16942
 Ion Ratio Lower Upper
 74 100
 45 81.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.513 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

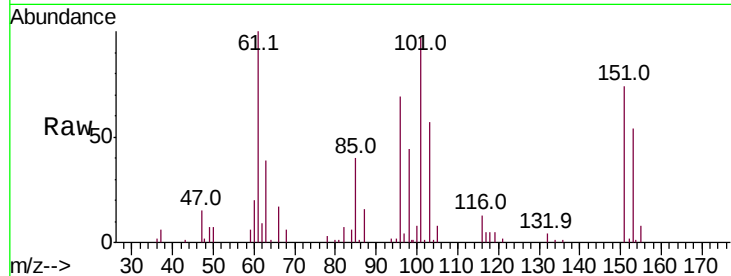
Tot Ion:101 Resp: 31895

Ion Ratio Lower Upper

101 100

85 42.0 33.9 50.9

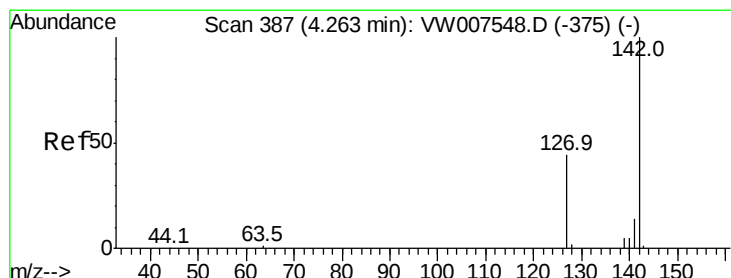
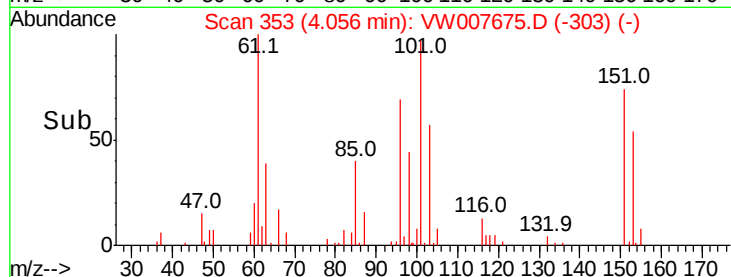
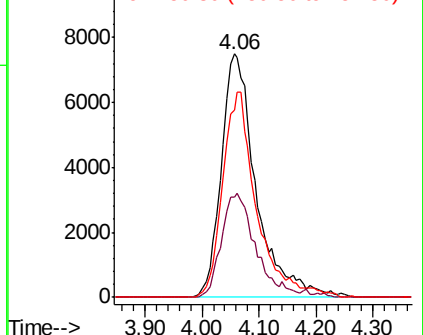
151 82.0 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.240 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

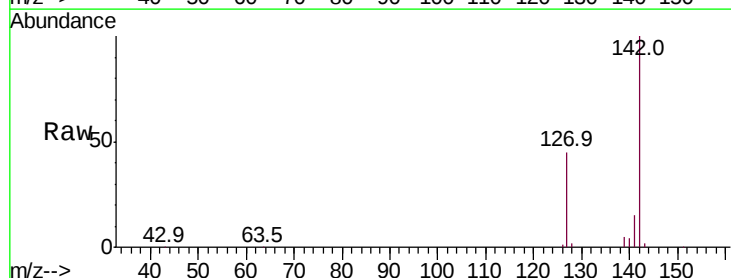
Tgt Ion:142 Resp: 53600

Ion Ratio Lower Upper

142 100

127 47.2 35.8 53.6

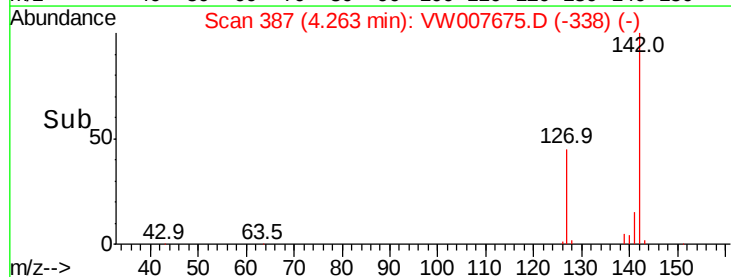
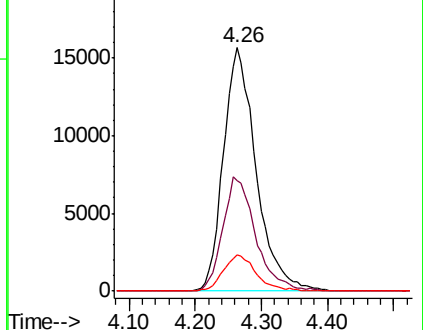
141 14.9 11.1 16.7

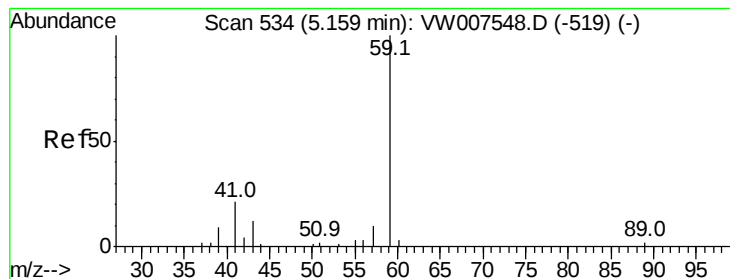


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



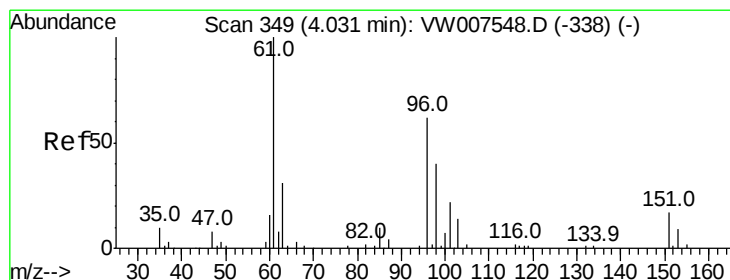
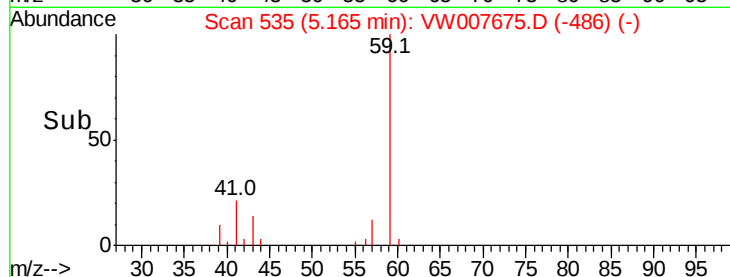
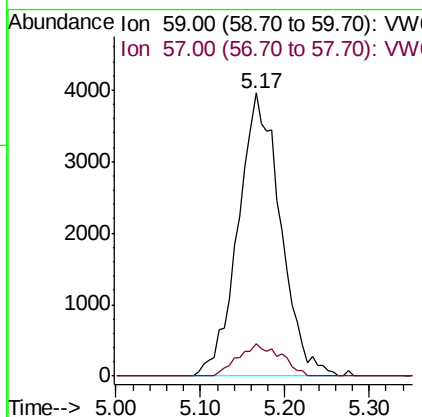
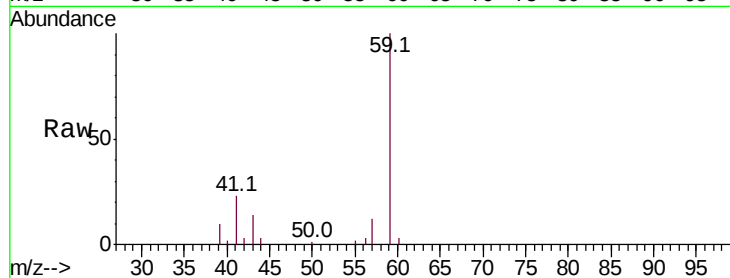


#11

Tert butyl alcohol
Concen: 280.258 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :

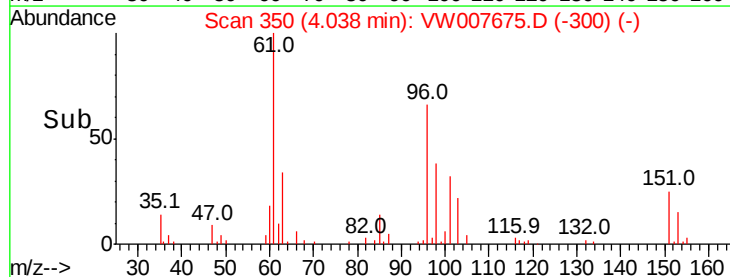
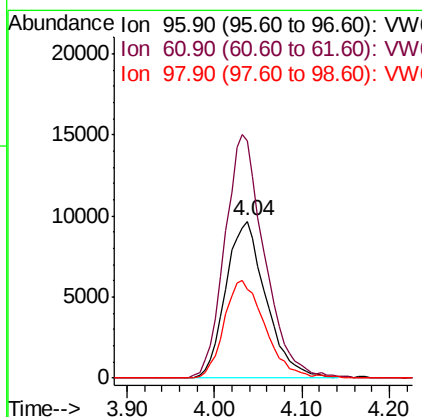
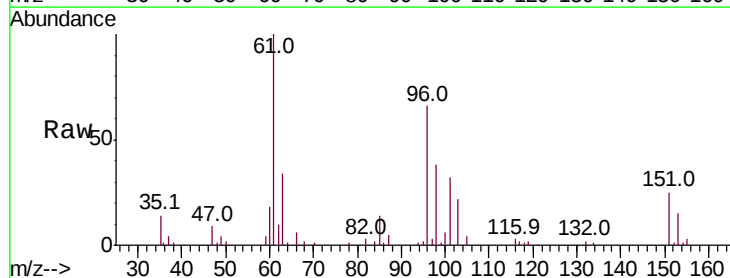
Tot Ion: 59 Resp: 13501
Ion Ratio Lower Upper
59 100
57 11.5 7.6 11.4#

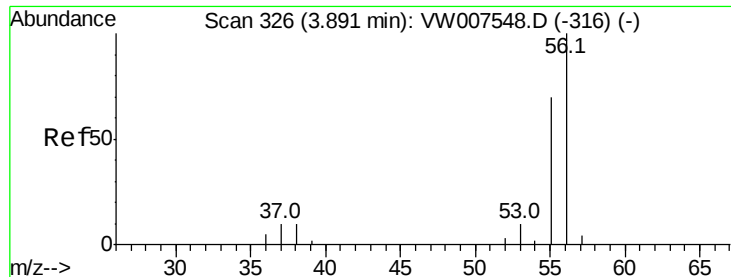


#12

1,1-Dichloroethene
Concen: 49.811 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 96 Resp: 30894
Ion Ratio Lower Upper
96 100
61 151.7 126.2 189.2
98 56.9 48.3 72.5





#13

Acrolein

Concen: 257.905 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

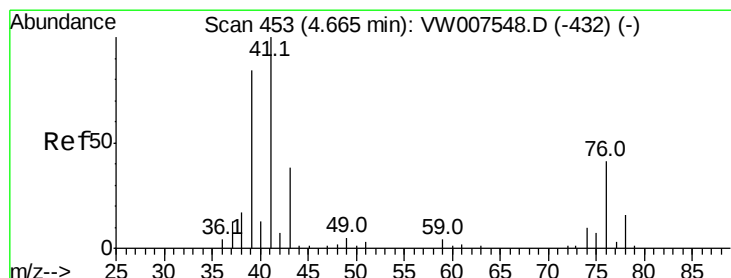
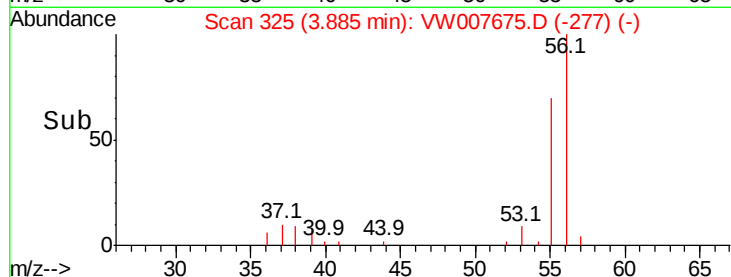
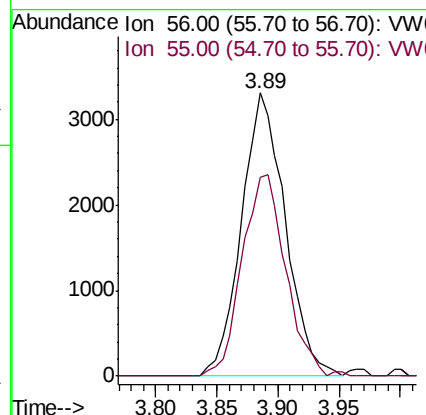
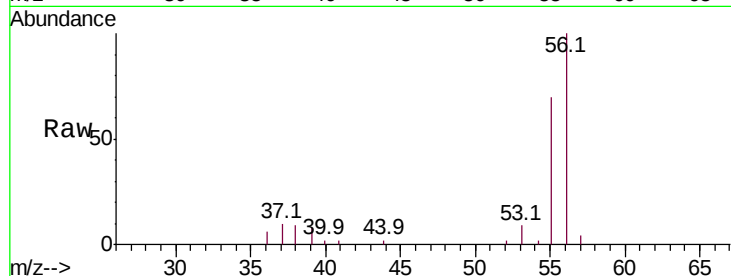
ClientSampled :

Tot Ion: 56 Resp: 8221

Ion Ratio Lower Upper

56 100

55 71.2 57.4 86.2



#14

Allyl chloride

Concen: 46.386 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

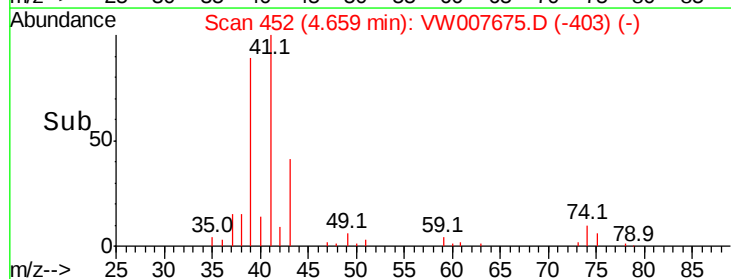
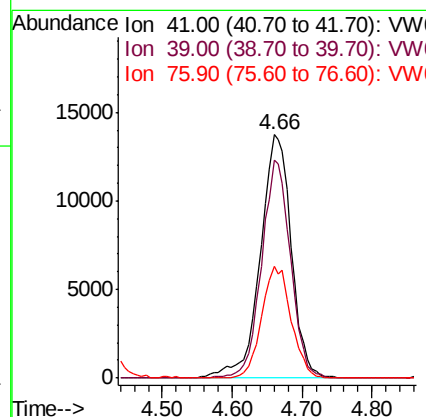
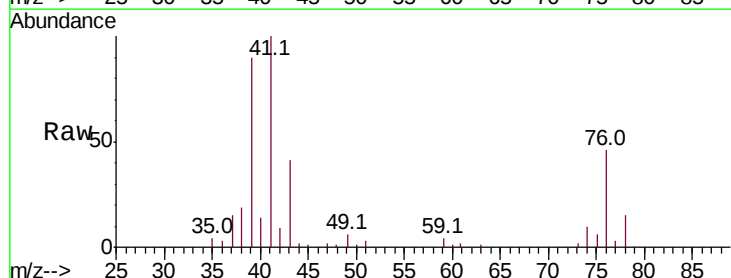
Tgt Ion: 41 Resp: 42407

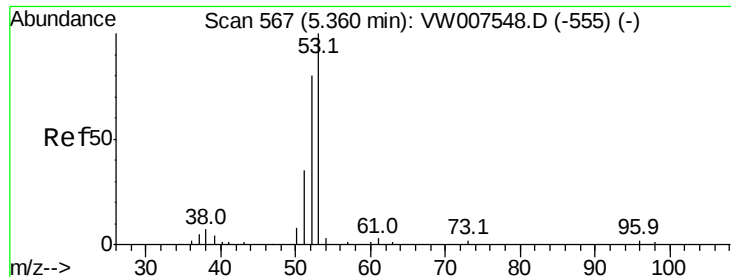
Ion Ratio Lower Upper

41 100

39 83.6 63.4 95.2

76 43.6 32.1 48.1





#15

Acrylonitrile

Concen: 272.564 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

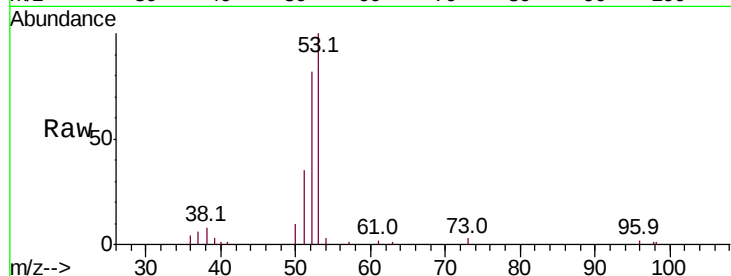
Tot Ion: 53 Resp: 35109

Ion Ratio Lower Upper

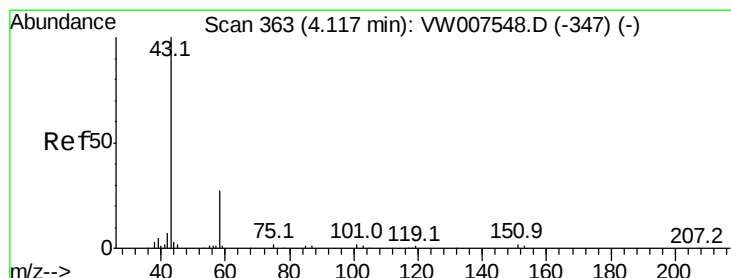
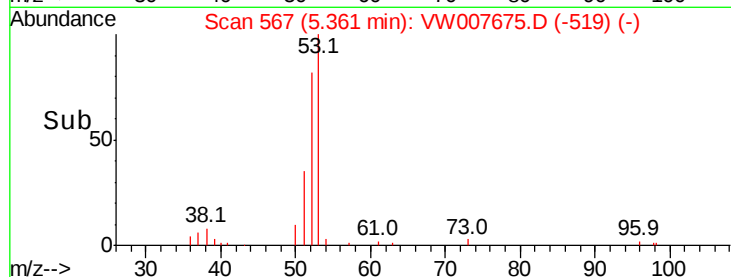
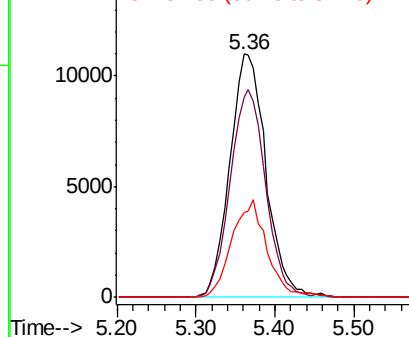
53 100

52 83.9 67.4 101.2

51 38.8 30.2 45.2



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: 282.413 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007675.D

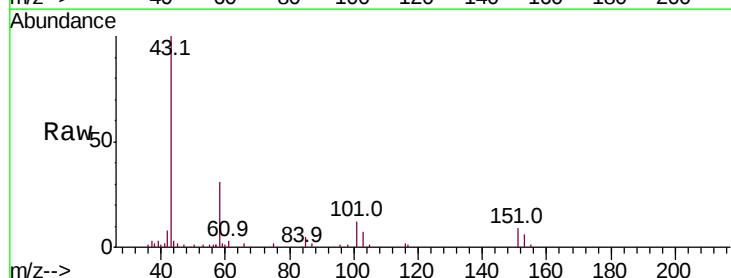
Acq: 19 Dec 2018 00:14

Tgt Ion: 43 Resp: 34601

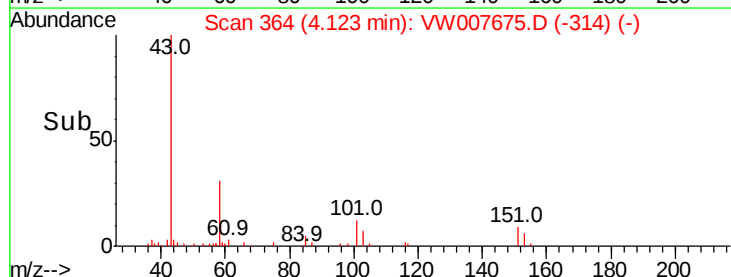
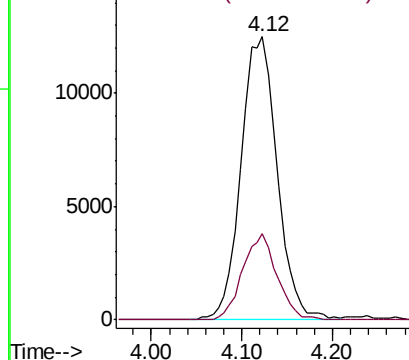
Ion Ratio Lower Upper

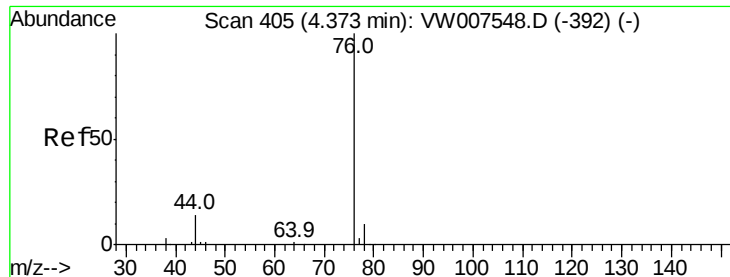
43 100

58 30.6 24.9 37.3



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





#17

Carbon Disulfide

Concen: 45.561 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

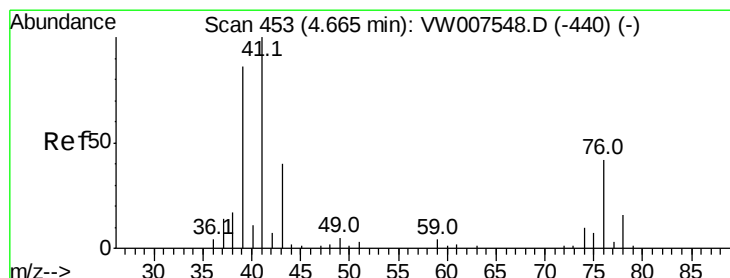
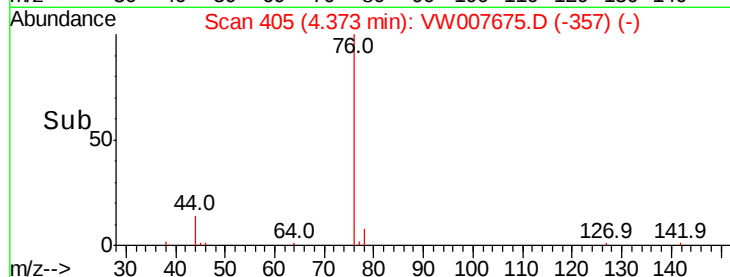
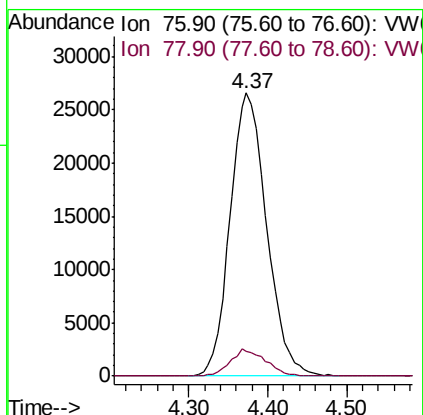
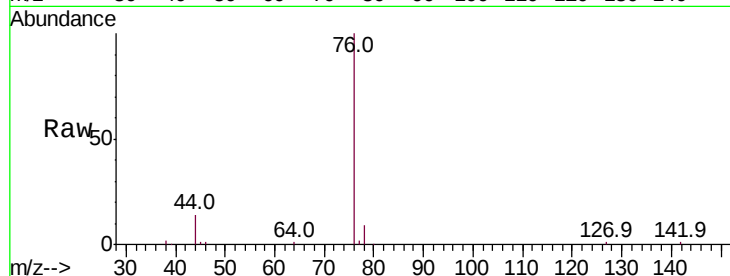
ClientSampled :

Tot Ion: 76 Resp: 85679

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 52.612 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW007675.D

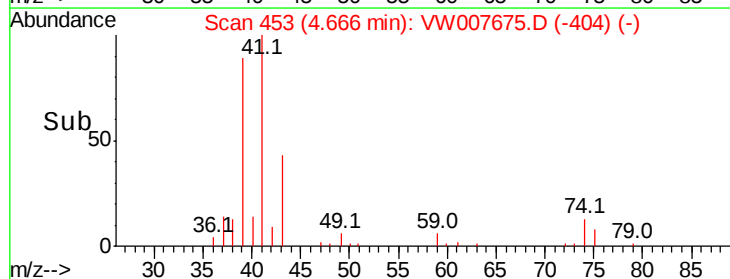
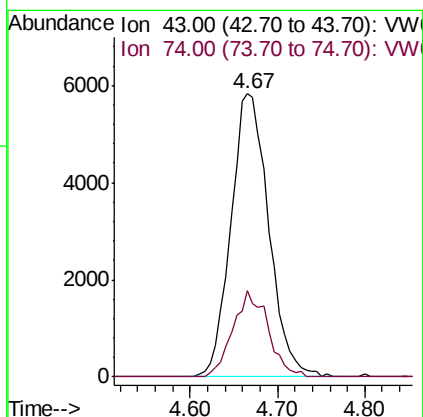
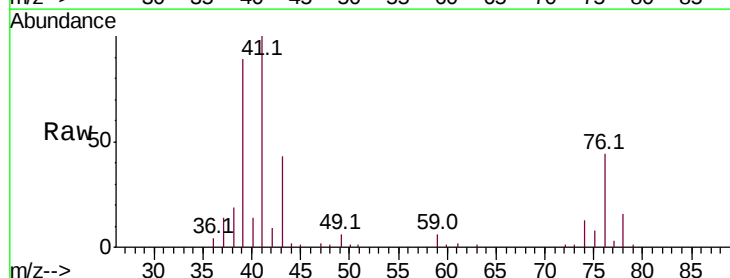
Acq: 19 Dec 2018 00:14

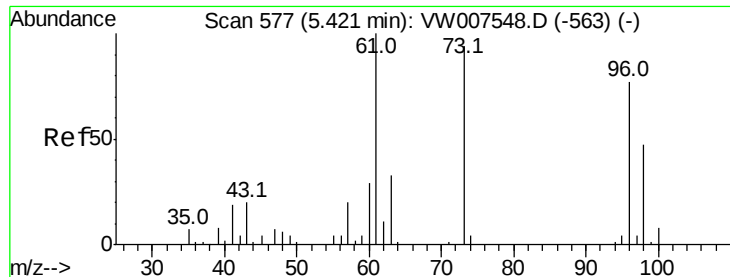
Tgt Ion: 43 Resp: 17495

Ion Ratio Lower Upper

43 100

74 28.0 21.1 31.7

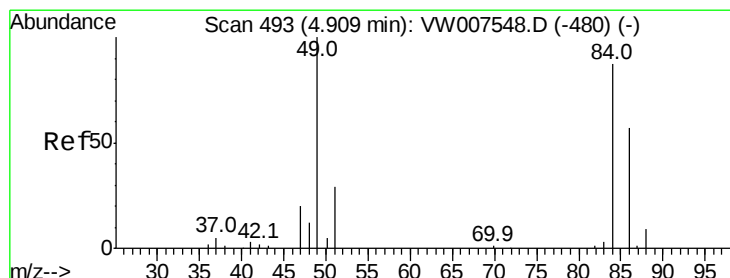
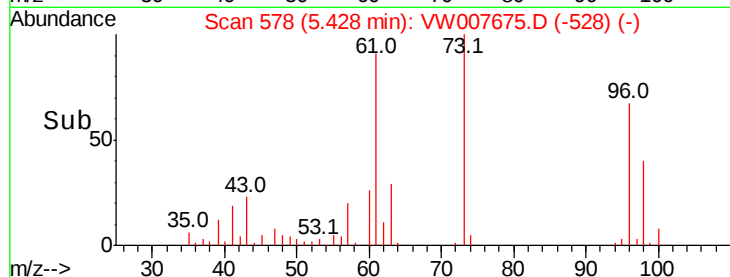
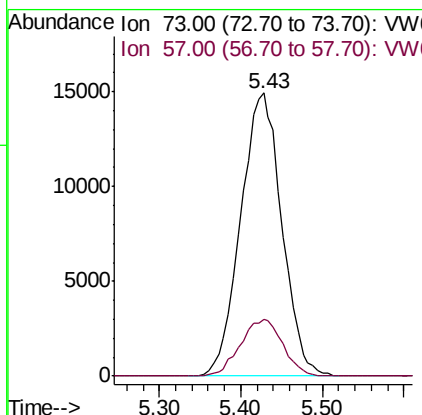
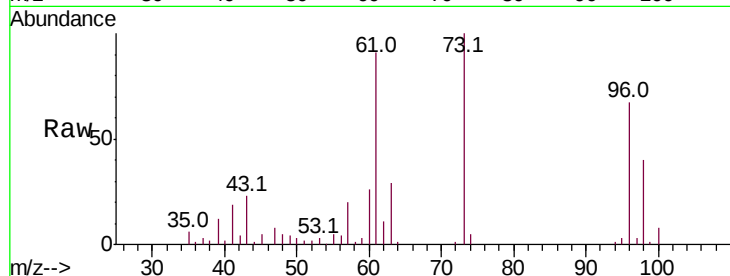




#19
Methyl tert-butyl Ether
Concen: 55.856 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

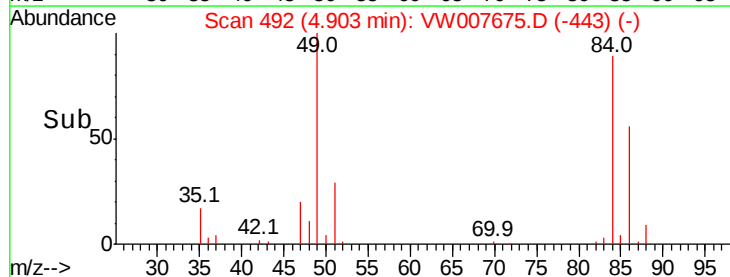
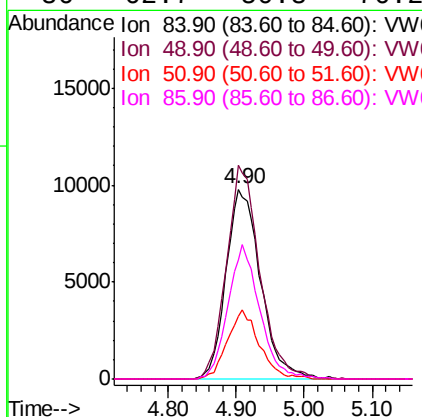
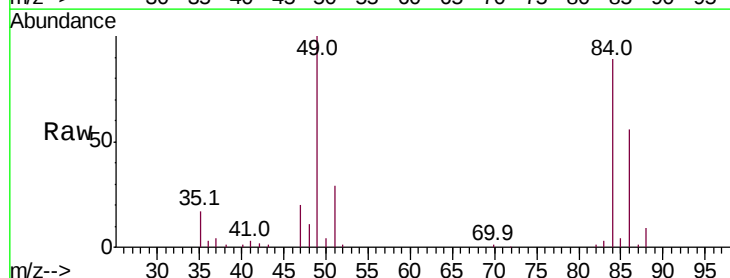
Instrument :
MSVOA_W
ClientSampleId :

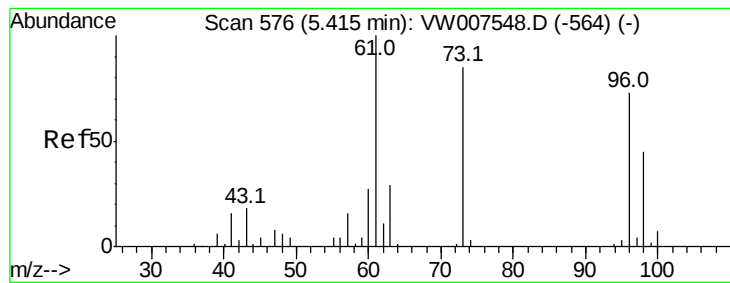
Tot Ion: 73 Resp: 52261
Ion Ratio Lower Upper
73 100
57 20.0 16.4 24.6



#20
Methylene Chloride
Concen: 51.571 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 84 Resp: 34470
Ion Ratio Lower Upper
84 100
49 112.5 87.1 130.7
51 32.9 28.2 42.2
86 62.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.972 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :

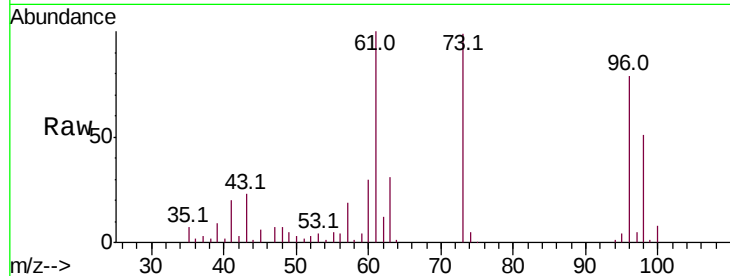
Tot Ion: 96 Resp: 34671

Ion Ratio Lower Upper

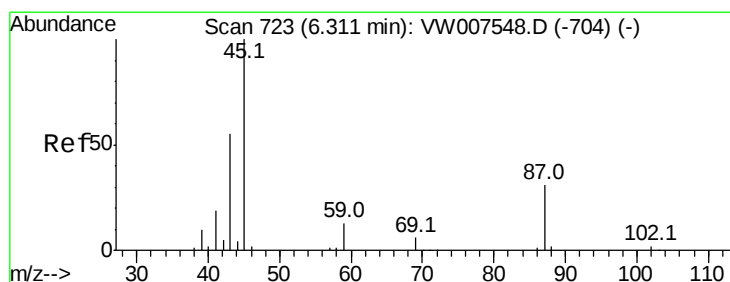
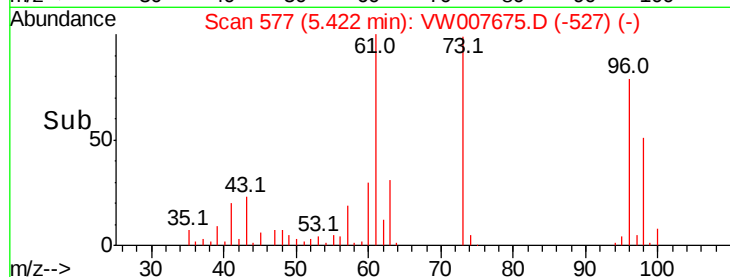
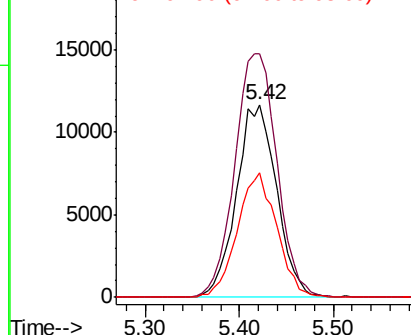
96 100

61 126.4 105.0 157.6

98 64.5 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VW
20000 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.451 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion: 45 Resp: 86897

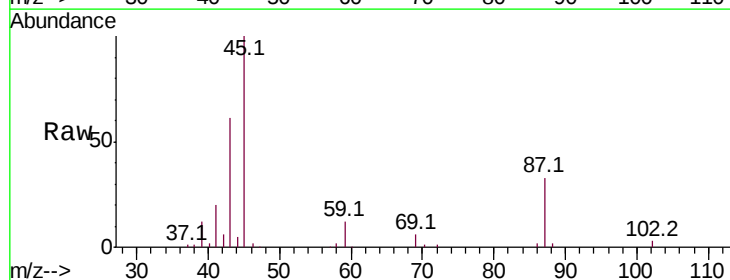
Ion Ratio Lower Upper

45 100

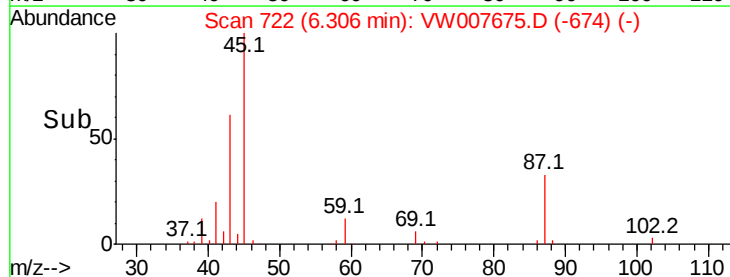
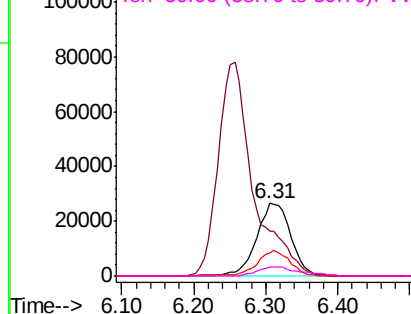
43 60.5 41.6 62.4

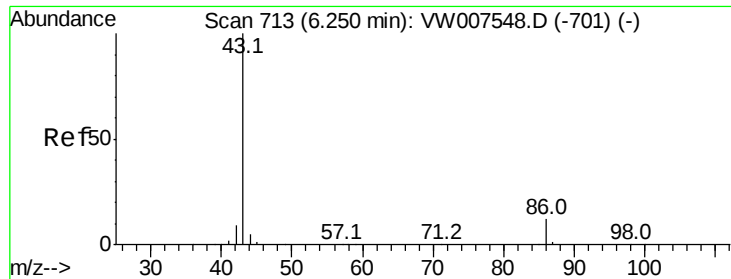
87 32.5 24.3 36.5

59 11.2 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VW
120000 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: 269.660 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

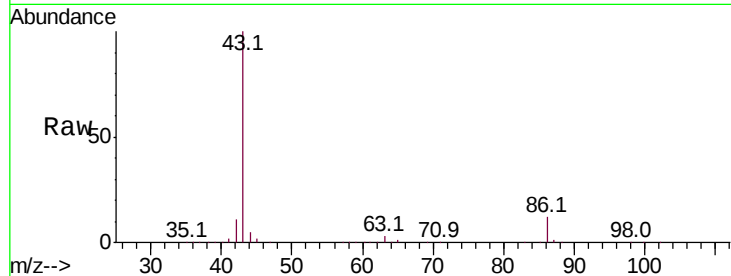
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 265046

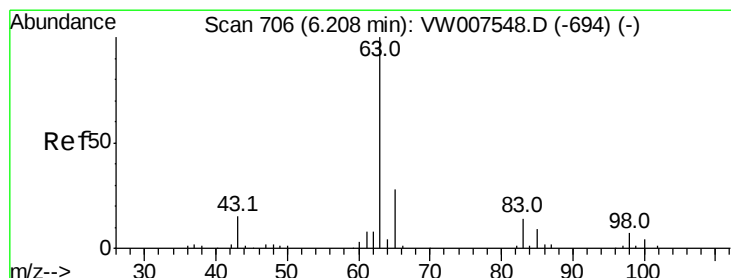
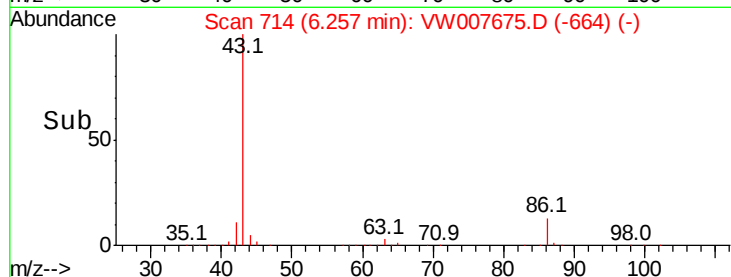
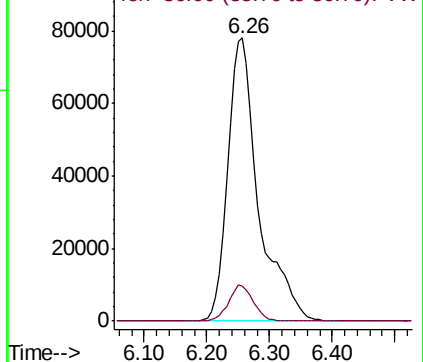
Ion Ratio Lower Upper

43 100

86 12.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.302 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

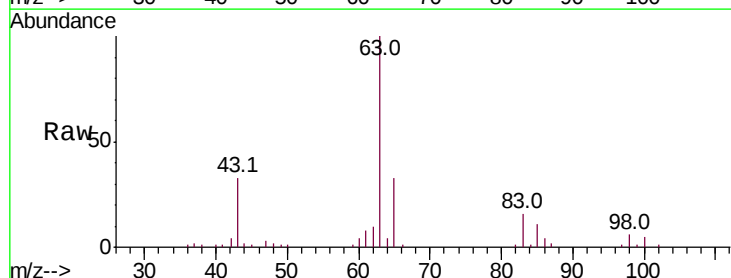
Tgt Ion: 63 Resp: 59742

Ion Ratio Lower Upper

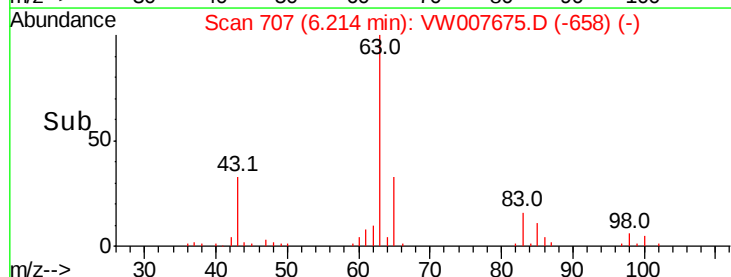
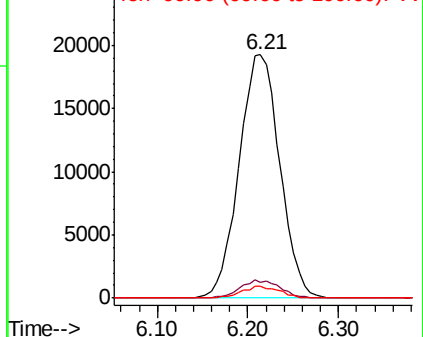
63 100

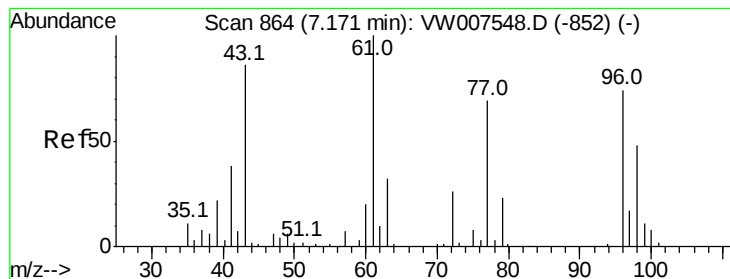
98 6.3 3.5 10.4

100 5.1 2.5 7.5



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





#25

2-Butanone

Concen: 284.766 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

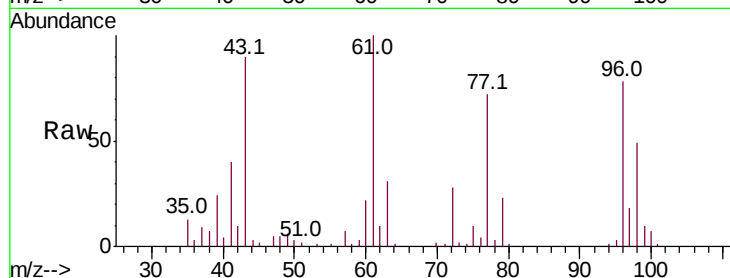
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 45548

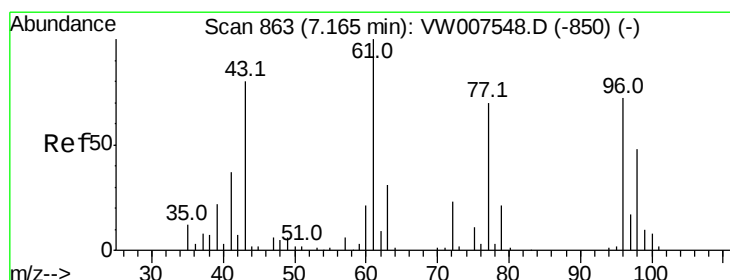
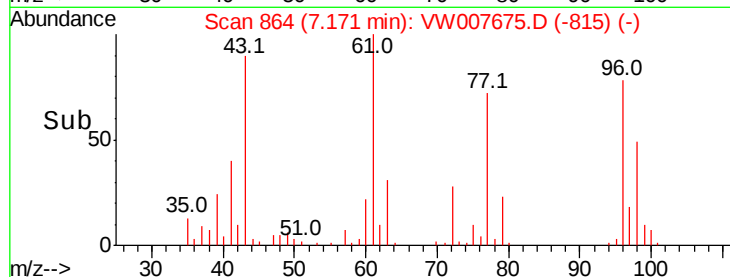
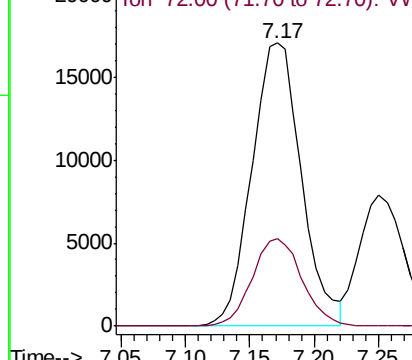
Ion Ratio Lower Upper

43 100

72 31.0 23.4 35.2



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



#26

2,2-Dichloropropane

Concen: 52.187 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007675.D

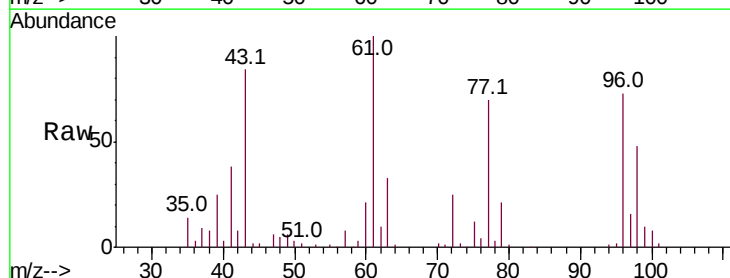
Acq: 19 Dec 2018 00:14

Tgt Ion: 77 Resp: 41020

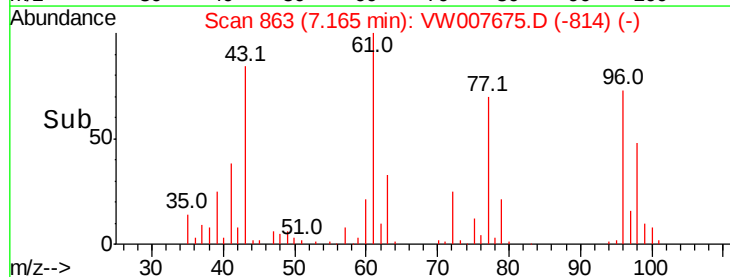
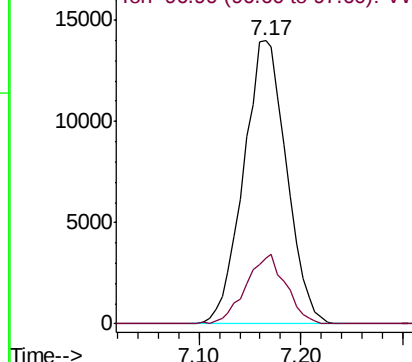
Ion Ratio Lower Upper

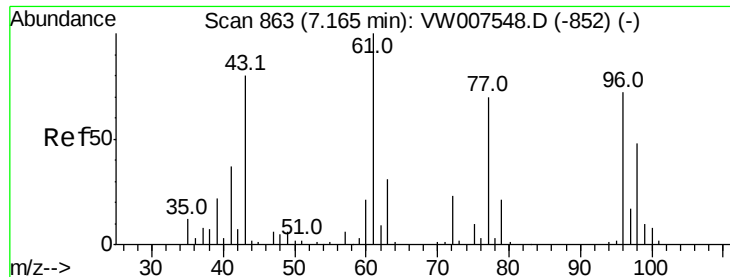
77 100

97 22.8 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



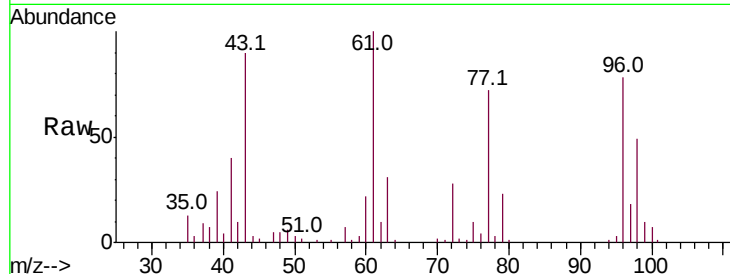


#27

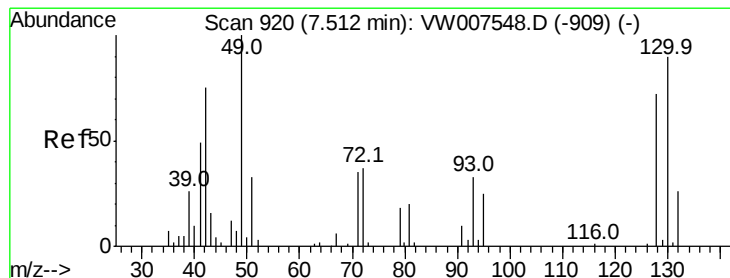
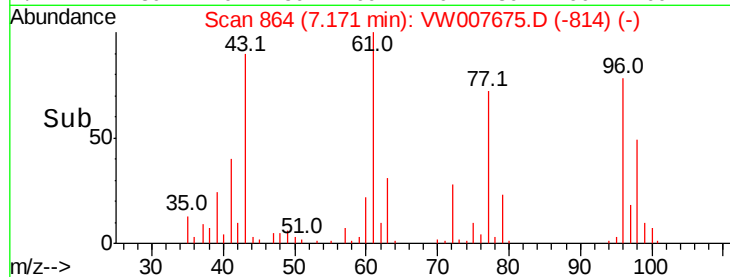
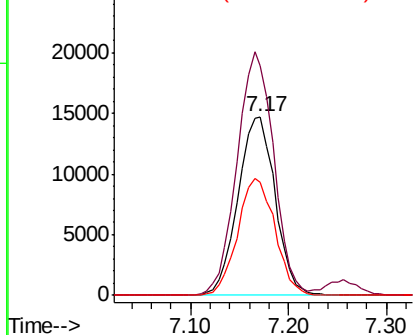
cis-1,2-Dichloroethene
Concen: 51.368 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp: 39024
Ion Ratio Lower Upper
96 100
61 134.7 0.0 268.4
98 65.6 0.0 127.8



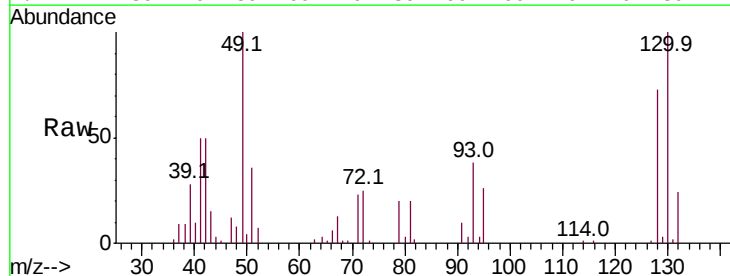
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



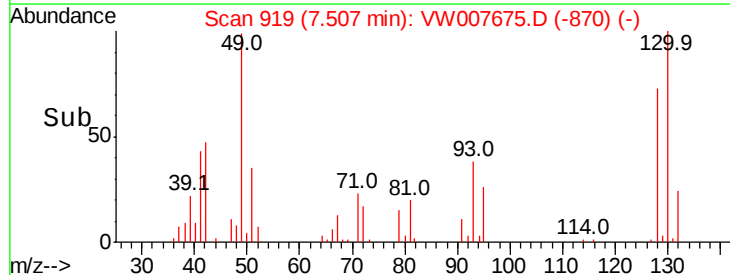
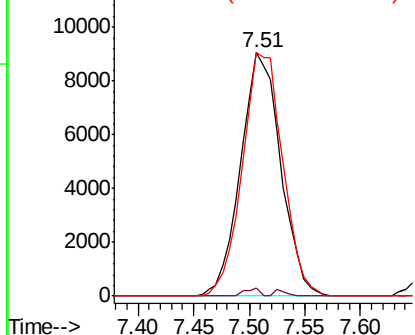
#28

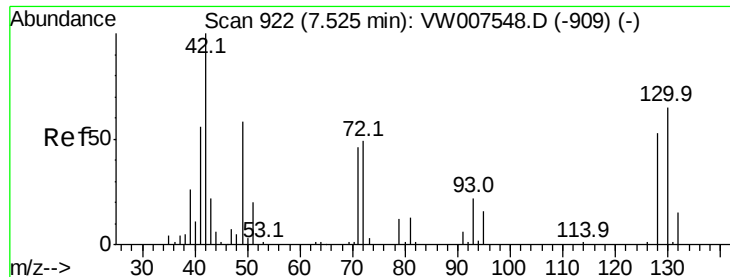
Bromochloromethane
Concen: 50.762 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 49 Resp: 22677
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.6
130 100.6 75.9 113.9



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: 276.184 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampled :

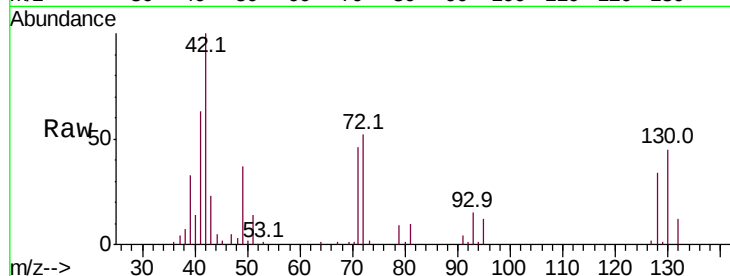
Tot Ion: 42 Resp: 27966

Ion Ratio Lower Upper

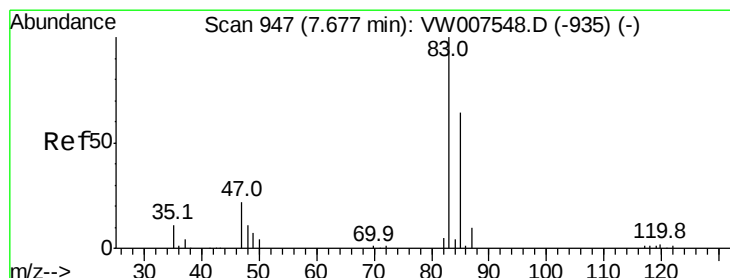
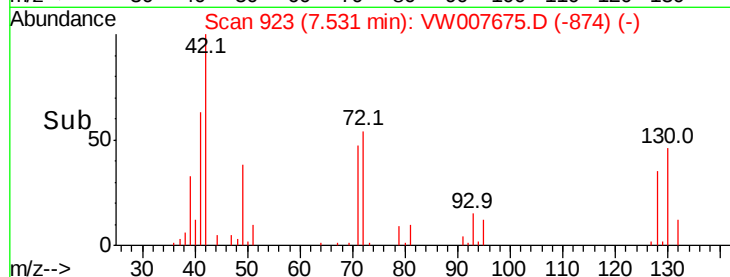
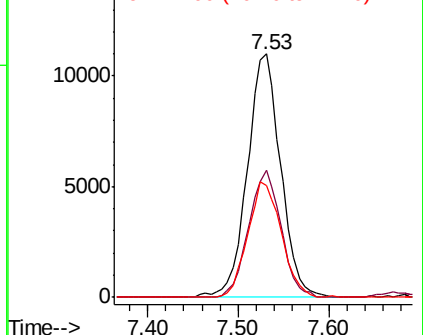
42 100

72 50.4 38.2 57.4

71 47.5 35.5 53.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 53.182 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW007675.D

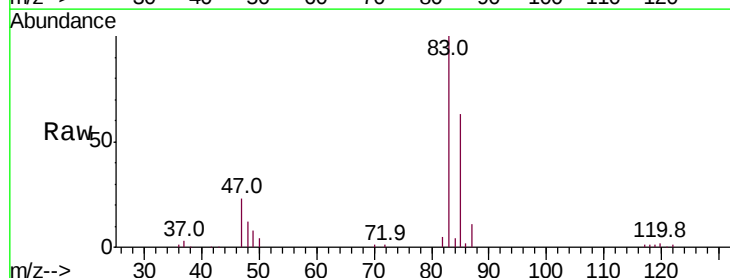
Acq: 19 Dec 2018 00:14

Tgt Ion: 83 Resp: 68735

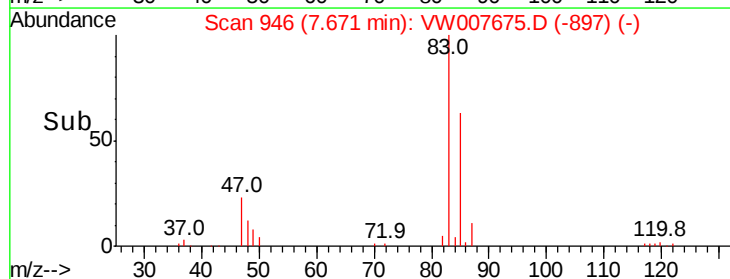
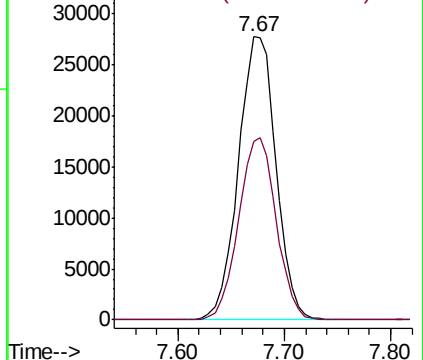
Ion Ratio Lower Upper

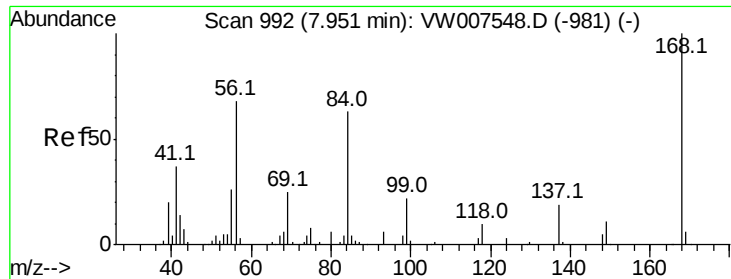
83 100

85 63.2 51.8 77.8



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

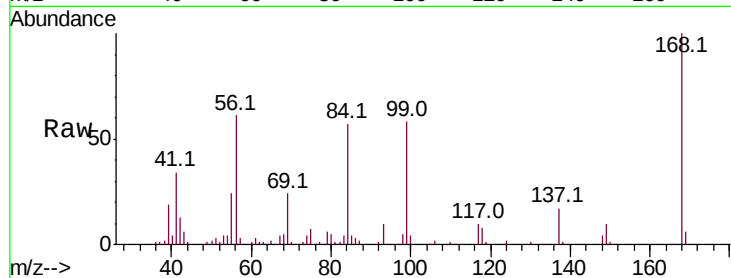




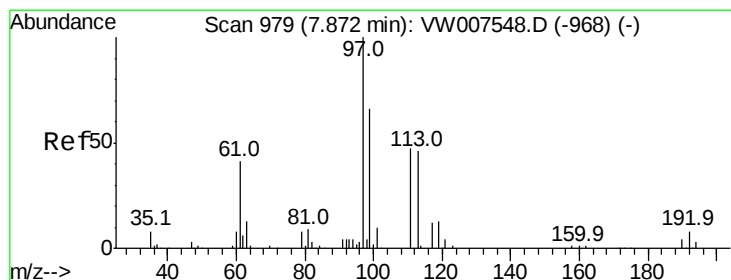
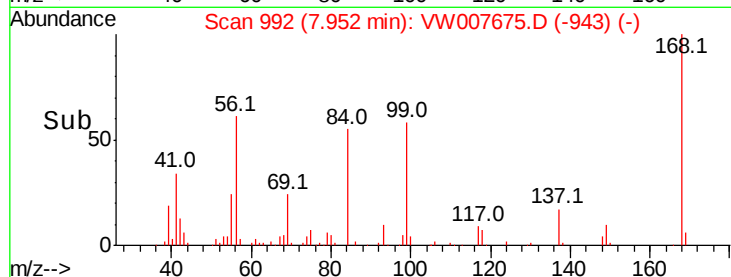
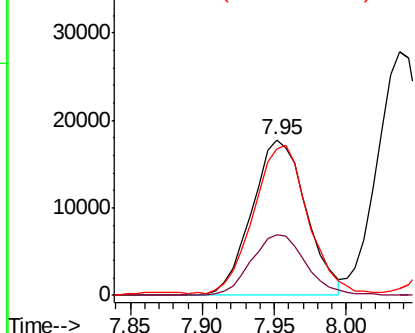
#31
Cyclohexane
Concen: 42.810 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 46648
Ion Ratio Lower Upper
56 100
69 39.2 28.9 43.3
84 92.5 71.8 107.6

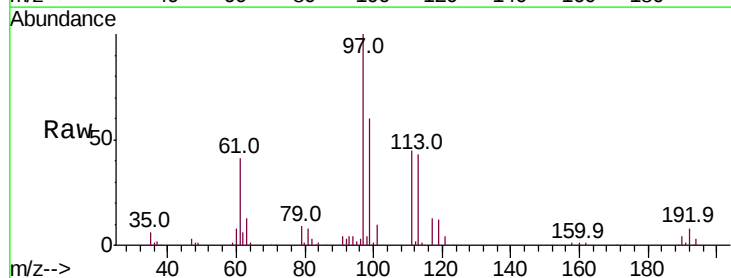


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

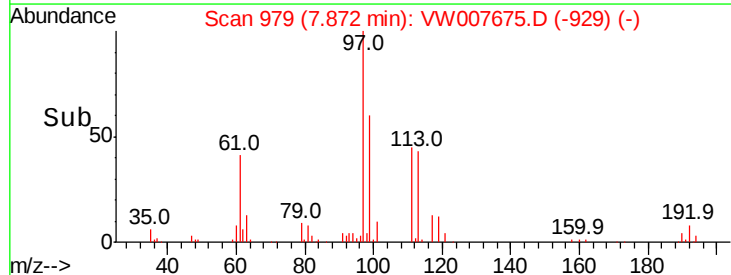
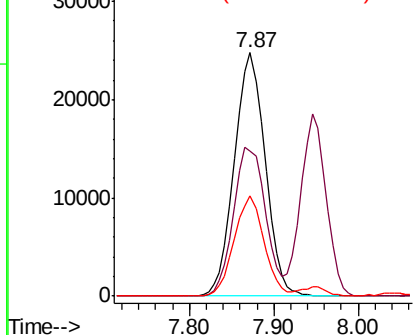


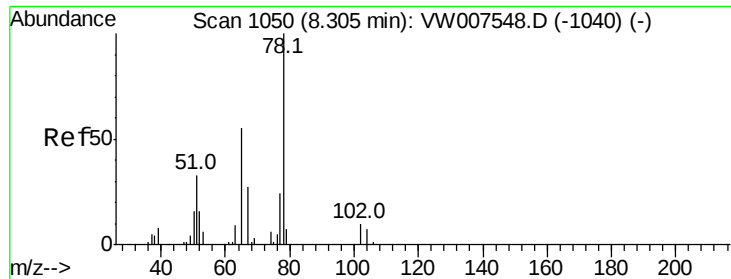
#32
1,1,1-Trichloroethane
Concen: 54.210 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 97 Resp: 61442
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 39.9 33.2 49.8



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: 52.915 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

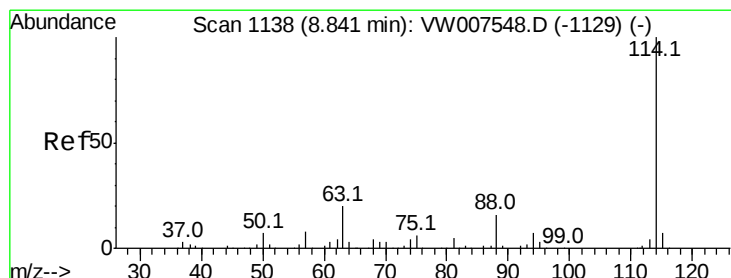
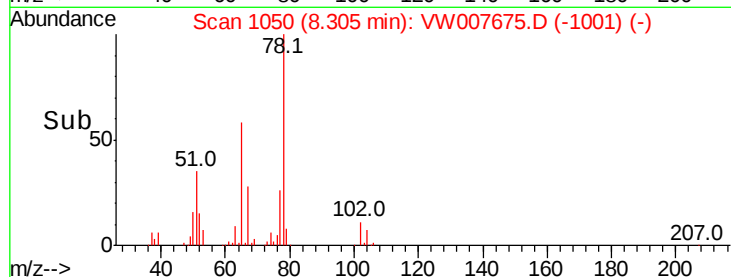
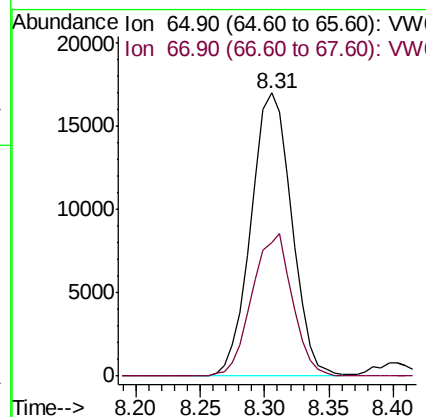
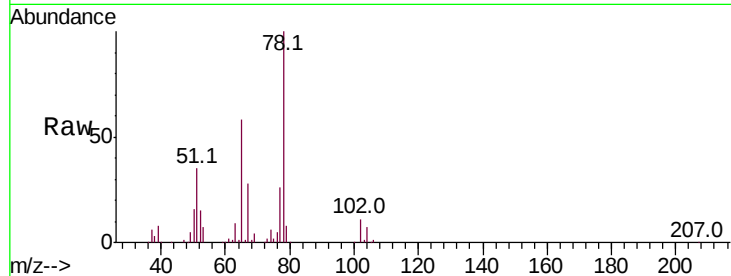
ClientSampleId :

Tot Ion: 65 Resp: 37116

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

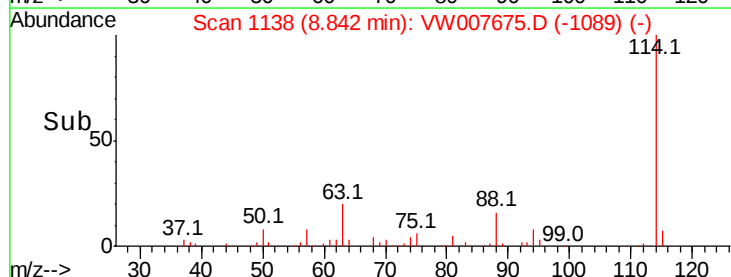
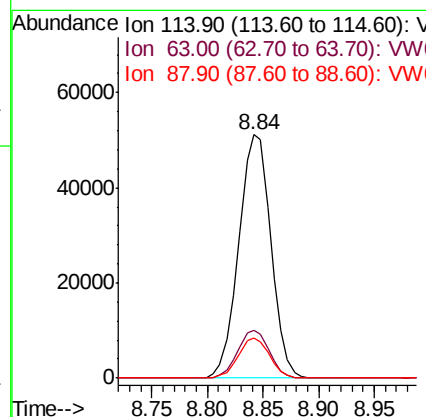
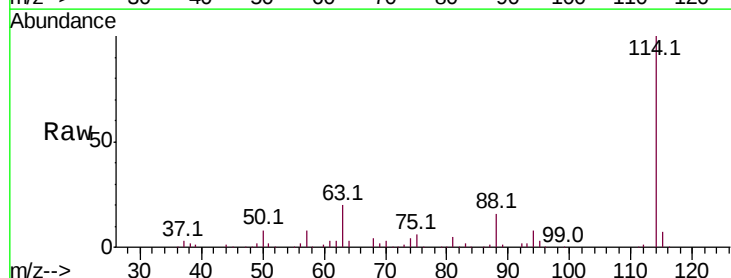
Tgt Ion: 114 Resp: 102302

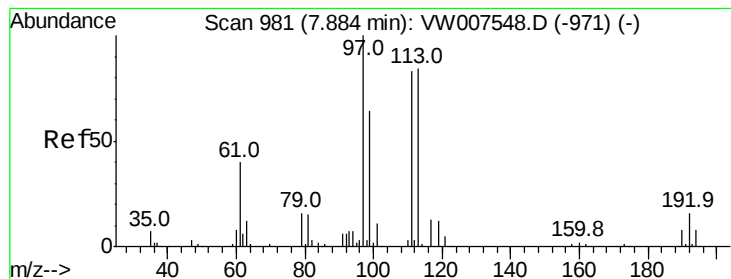
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.125 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

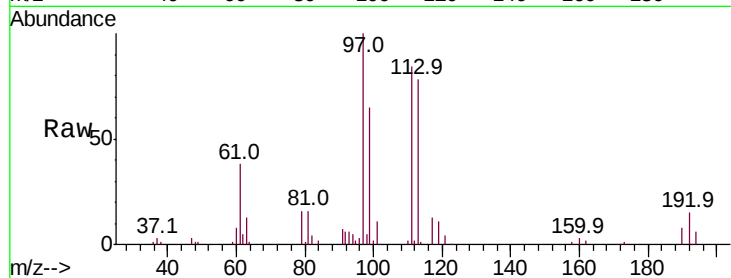
Tot Ion:113 Resp: 32899

Ion Ratio Lower Upper

113 100

111 104.4 81.1 121.7

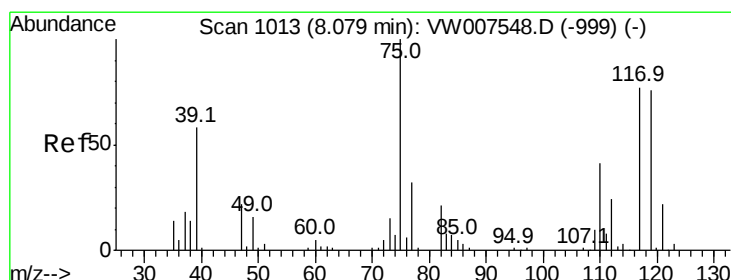
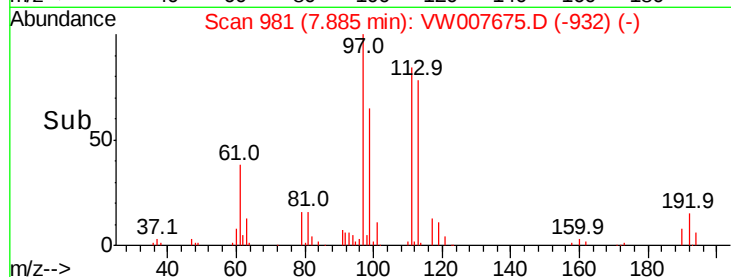
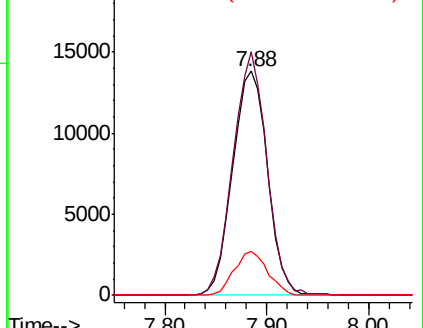
192 19.0 14.6 21.8



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: 52.726 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

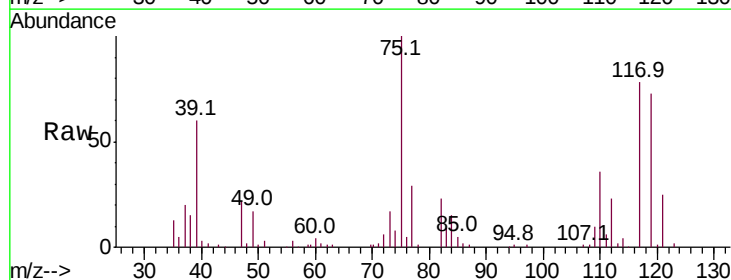
Tgt Ion: 75 Resp: 49206

Ion Ratio Lower Upper

75 100

110 37.1 18.5 55.5

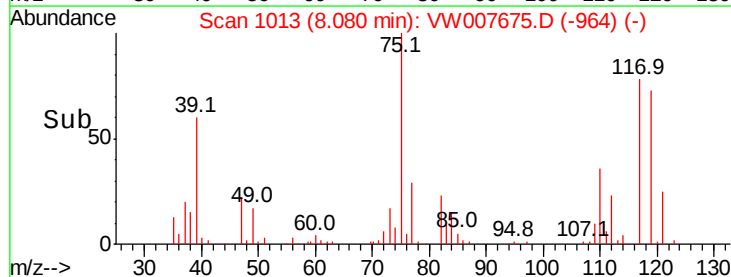
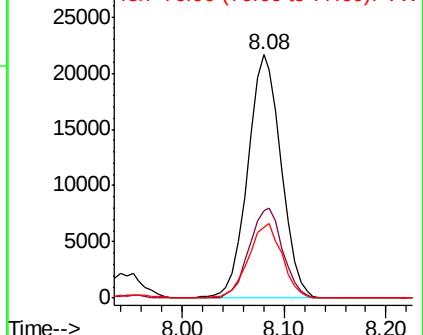
77 31.1 25.6 38.4

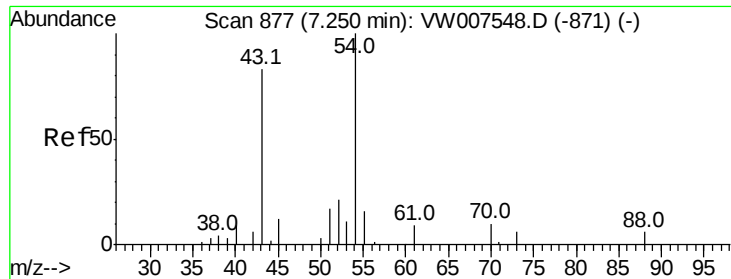


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

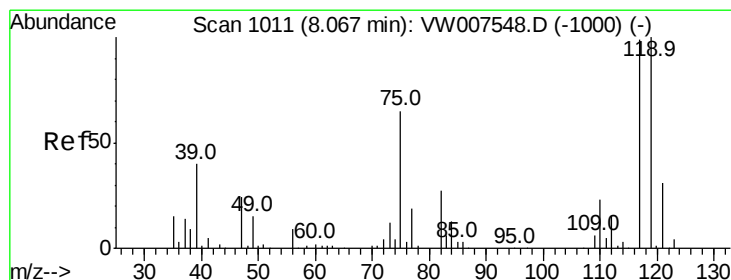
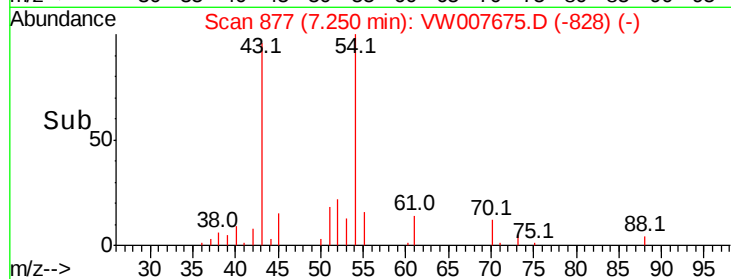
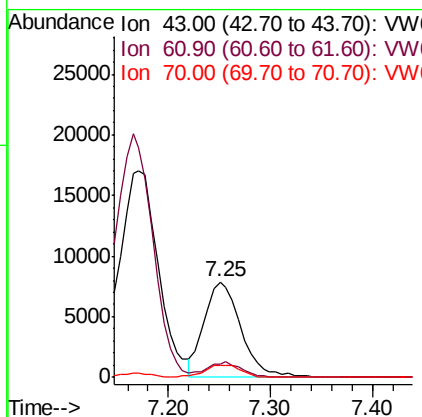
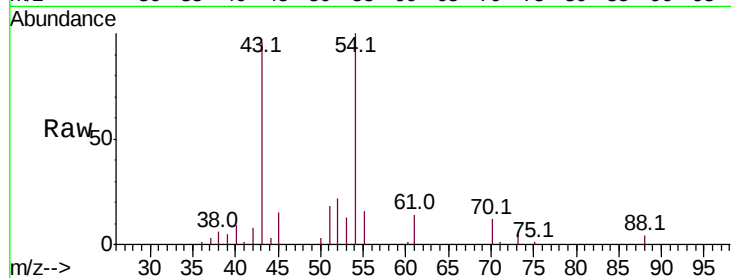




#37
Ethyl Acetate
Concen: 57.260 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

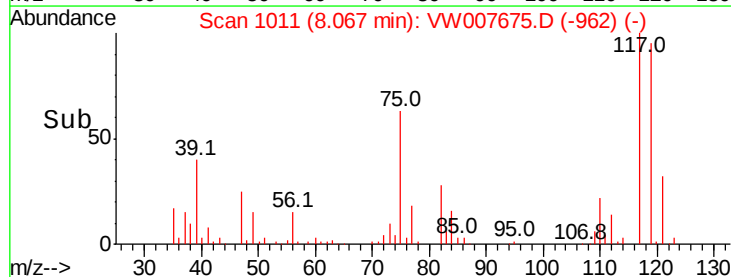
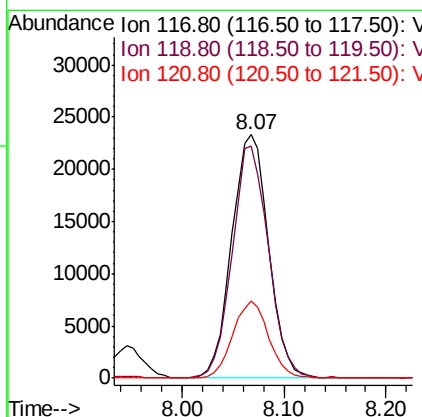
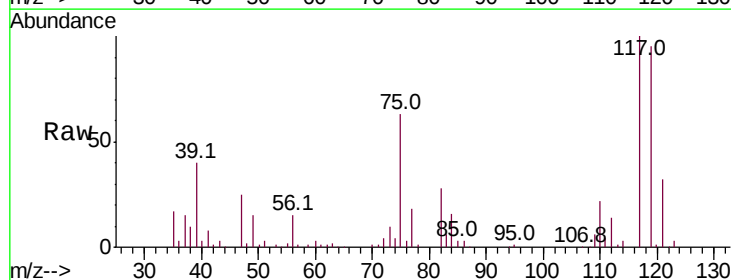
Instrument :
MSVOA_W
ClientSampleId :

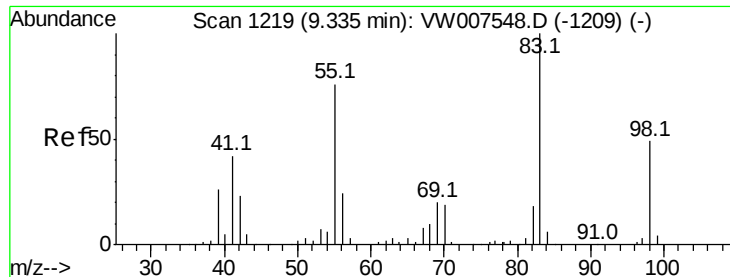
Tot Ion: 43 Resp: 19875
Ion Ratio Lower Upper
43 100
61 15.3 12.1 18.1
70 12.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 57.545 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 117 Resp: 58433
Ion Ratio Lower Upper
117 100
119 95.2 74.3 111.5
121 31.9 24.3 36.5





#39

Methvlcvclohexane

Concen: 51.757 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

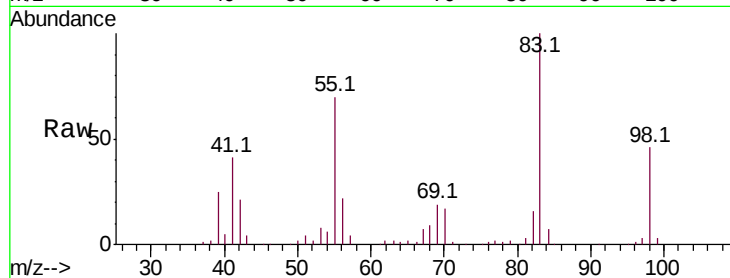
Tot Ion: 83 Resp: 58488

Ion Ratio Lower Upper

83 100

55 70.3 62.8 94.2

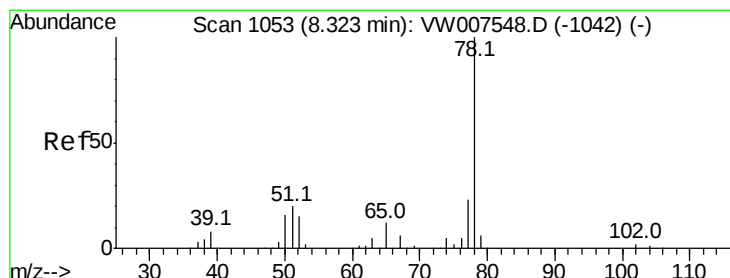
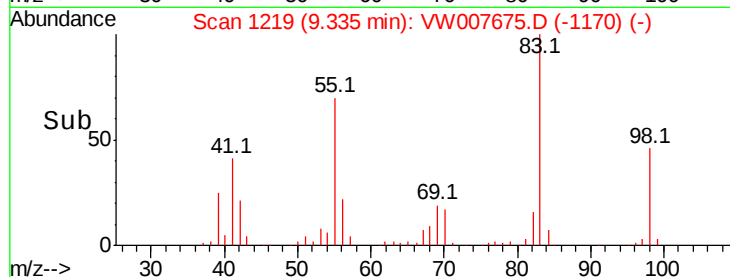
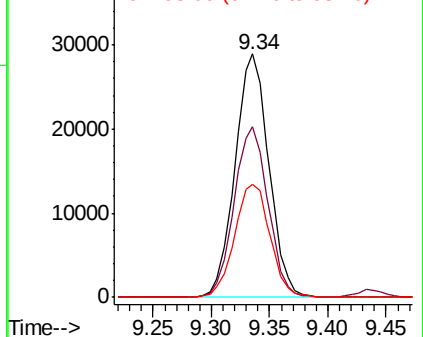
98 46.5 42.2 63.2



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: 53.429 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007675.D

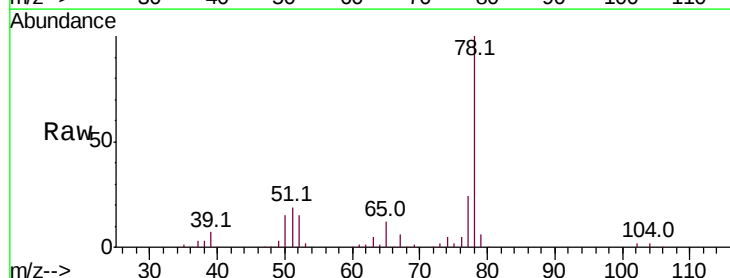
Acq: 19 Dec 2018 00:14

Tgt Ion: 78 Resp: 138375

Ion Ratio Lower Upper

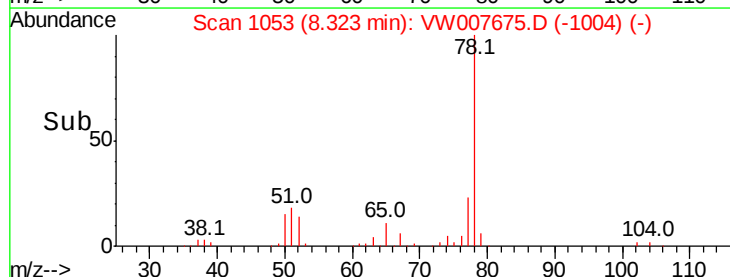
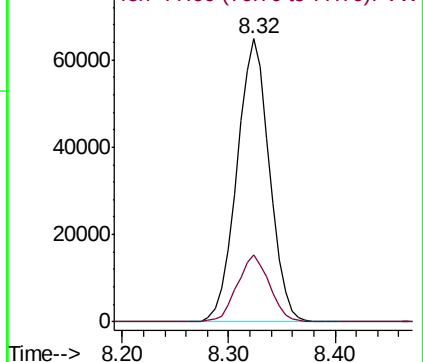
78 100

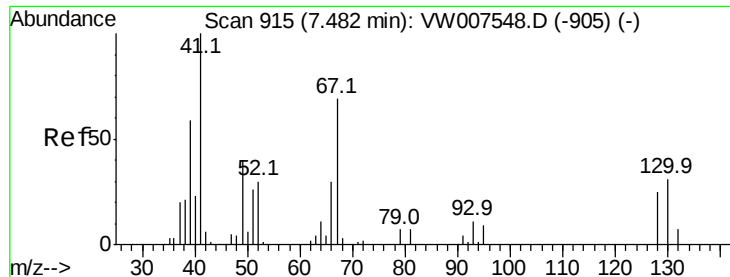
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

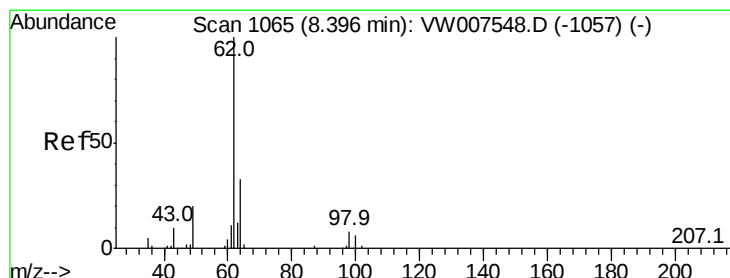
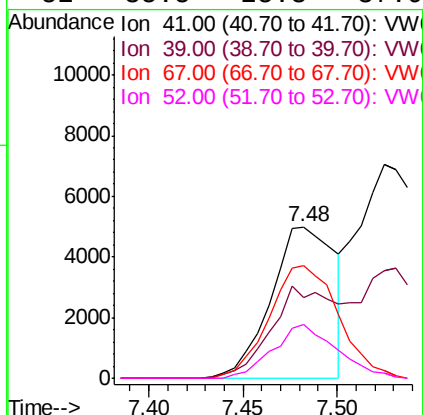
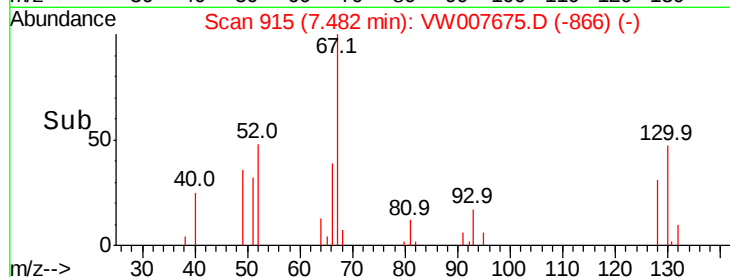
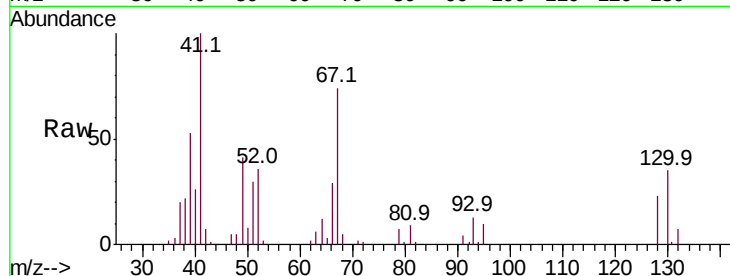




#41
Methacrylonitrile
Concen: 59.375 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

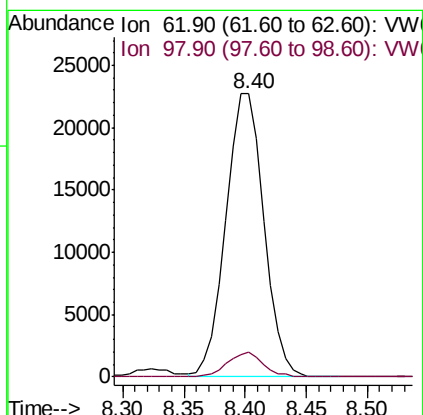
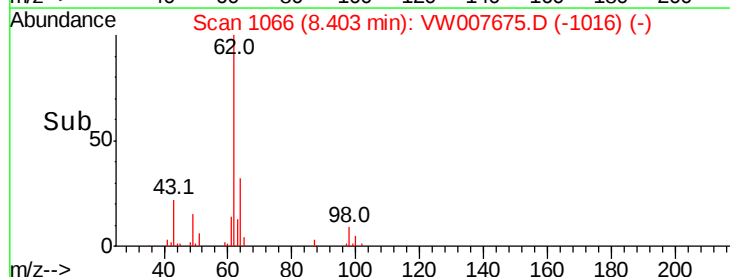
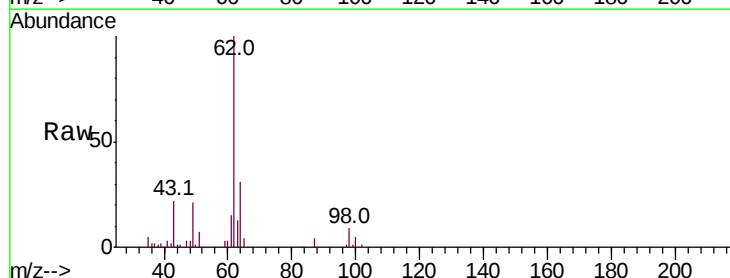
Instrument :
MSVOA_W
ClientSampleId :

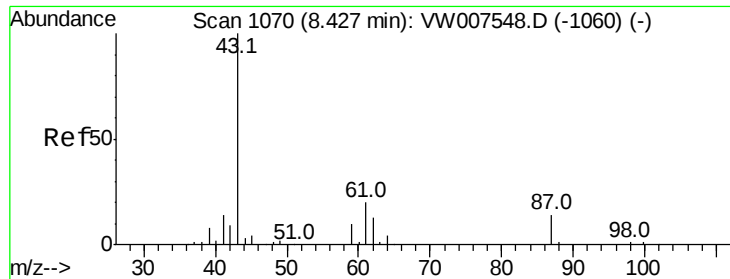
Tot Ion: 41 Resp: 11736
Ion Ratio Lower Upper
41 100
39 59.3 52.2 78.2
67 80.4 60.5 90.7
52 35.5 25.3 37.9



#42
1,2-Dichloroethane
Concen: 60.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 62 Resp: 48981
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 59.835 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

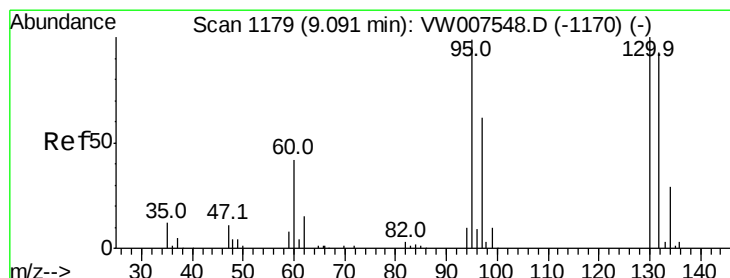
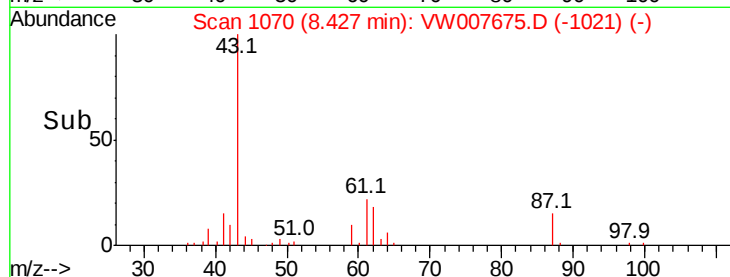
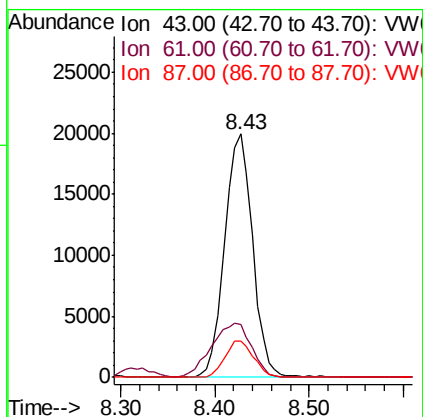
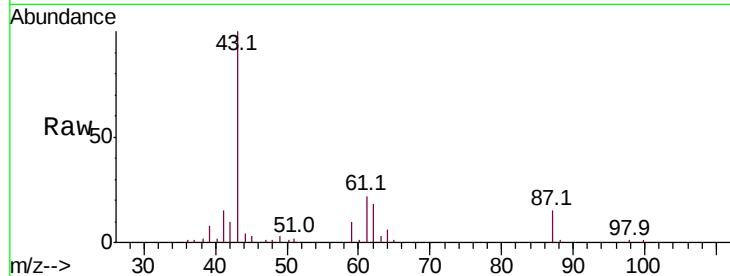
Tot Ion: 43 Resp: 41025

Ion Ratio Lower Upper

43 100

61 31.8 25.3 37.9

87 15.3 11.8 17.8



#44

Trichloroethene

Concen: 54.805 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007675.D

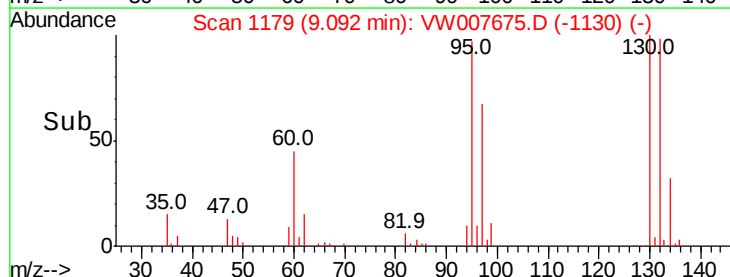
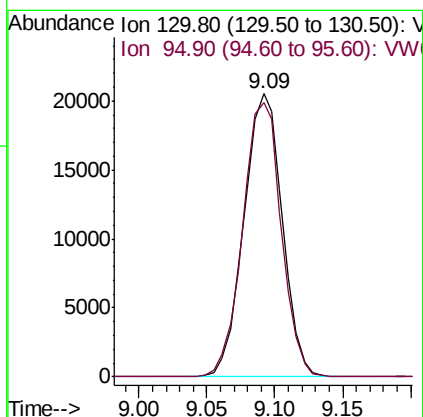
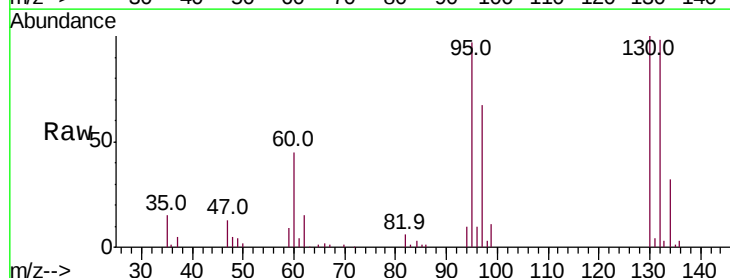
Acq: 19 Dec 2018 00:14

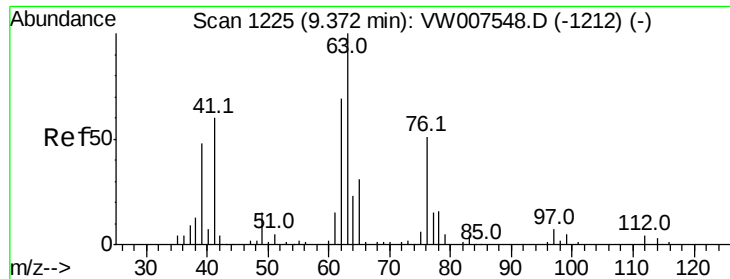
Tgt Ion:130 Resp: 40532

Ion Ratio Lower Upper

130 100

95 96.8 0.0 193.2

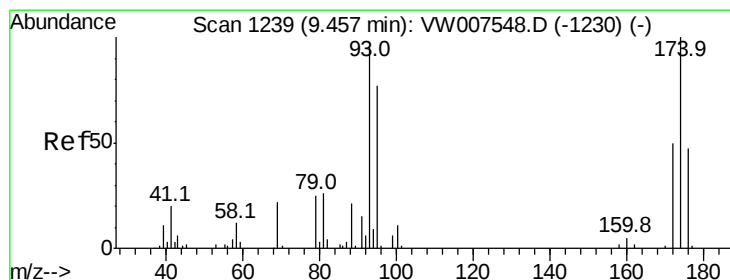
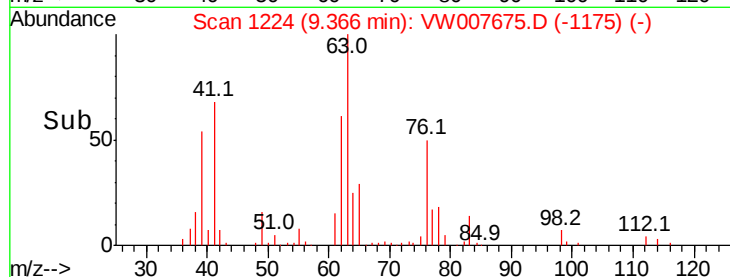
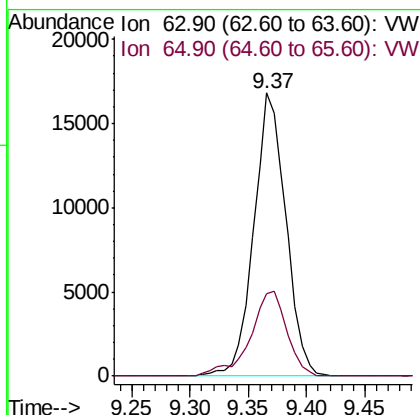
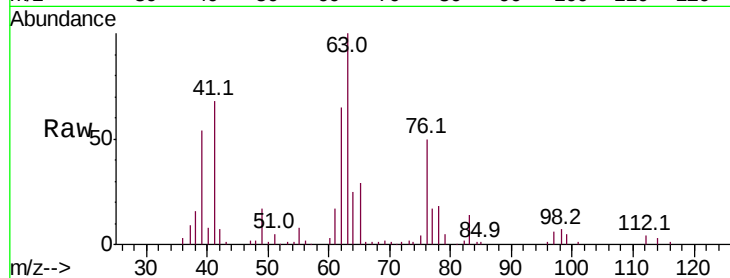




#45
 1,2-Dichloropropane
 Concen: 53.848 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

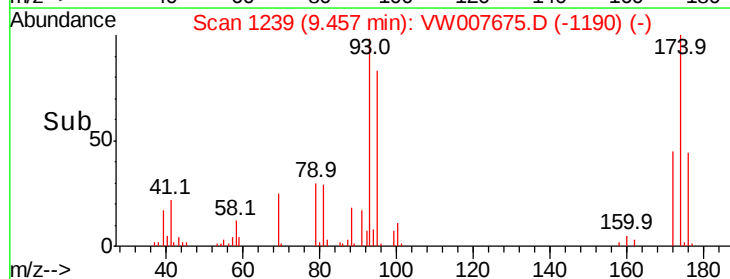
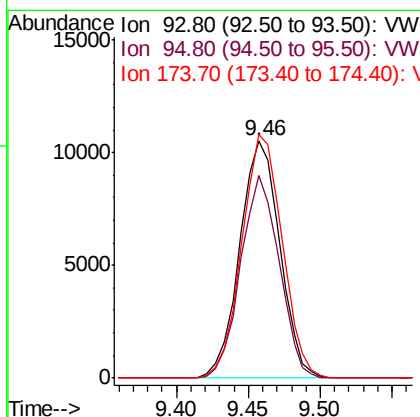
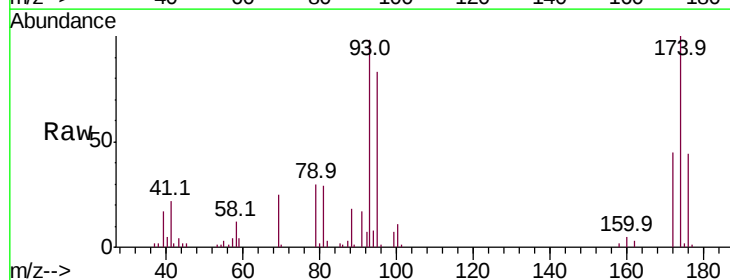
Instrument :
 MSVOA_W
 ClientSampleId :

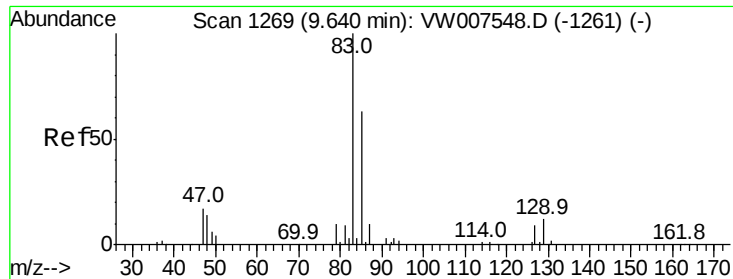
Tot Ion: 63 Resp: 32273
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.4 36.6



#46
 Dibromomethane
 Concen: 59.533 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 93 Resp: 20262
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.0 102.0
 174 103.4 83.2 124.8

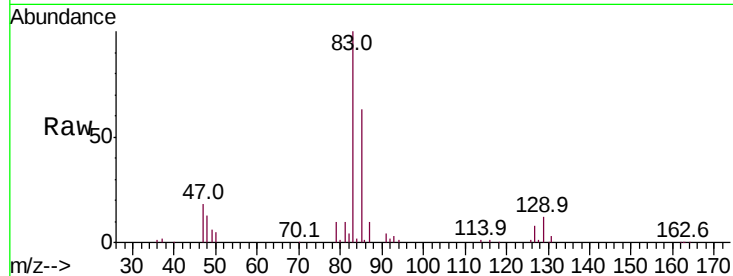




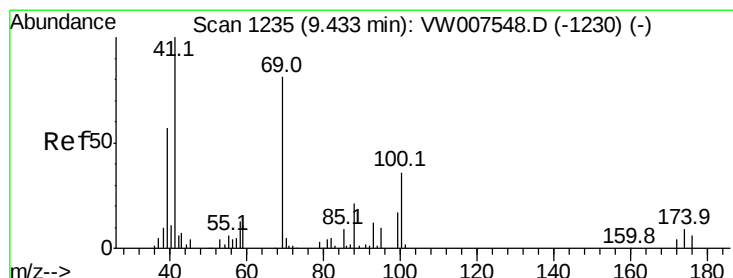
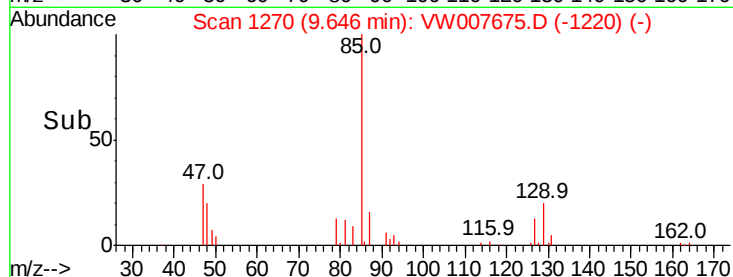
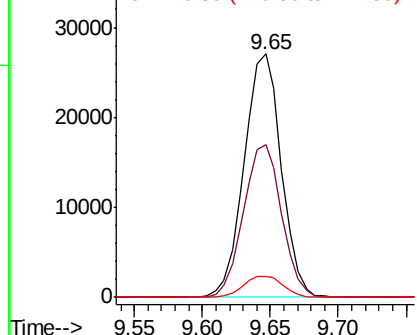
#47
Bromodichloromethane
Concen: 57.874 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 51667
Ion Ratio Lower Upper
83 100
85 62.9 47.6 71.4
127 8.4 6.7 10.1

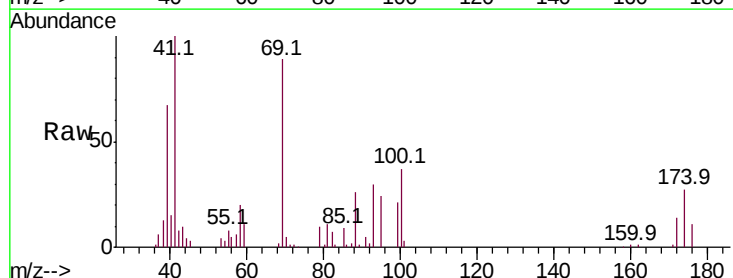


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

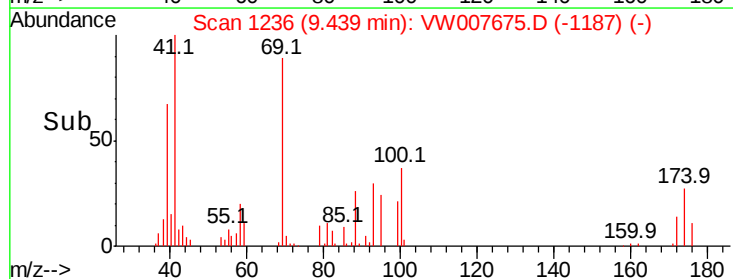
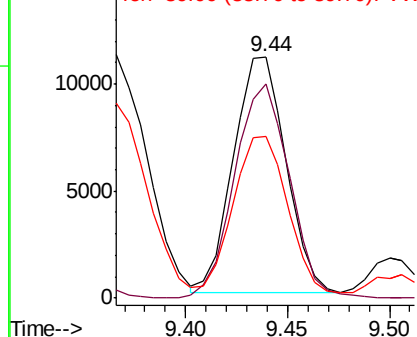


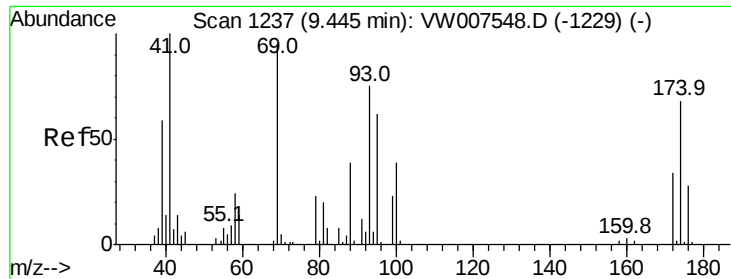
#48
Methyl methacrylate
Concen: 56.085 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion: 41 Resp: 19749
Ion Ratio Lower Upper
41 100
69 94.7 69.8 104.8
39 73.3 50.9 76.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1163.438 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :

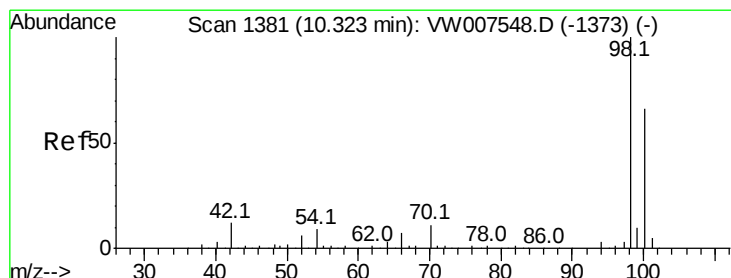
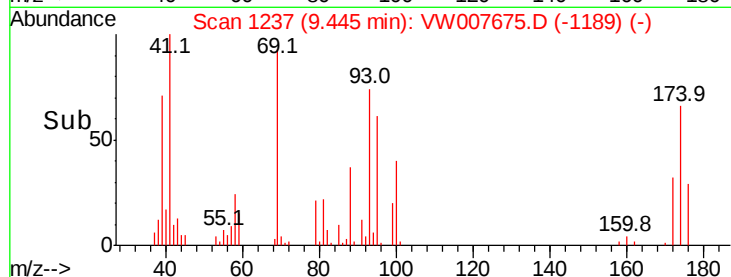
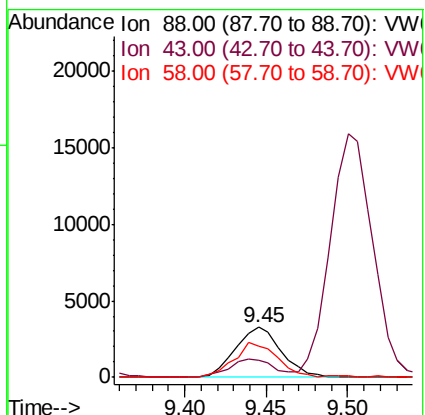
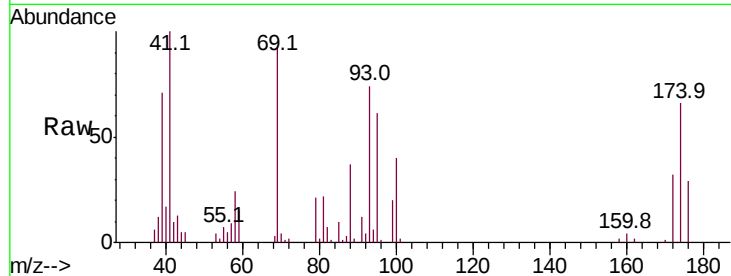
Tot Ion: 88 Resp: 6425

Ion Ratio Lower Upper

88 100

43 37.4 25.0 37.4#

58 66.6 51.4 77.2



#50

Toluene-d8

Concen: 51.790 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007675.D

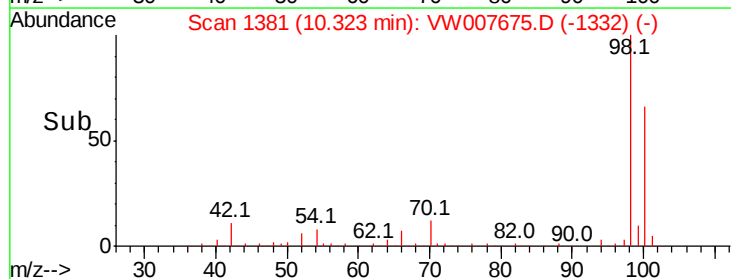
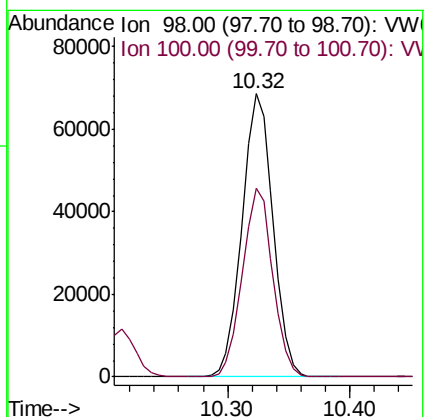
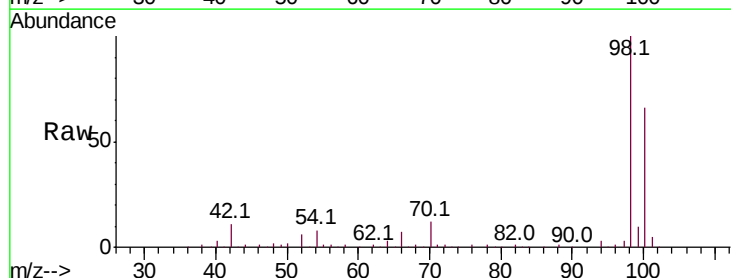
Acq: 19 Dec 2018 00:14

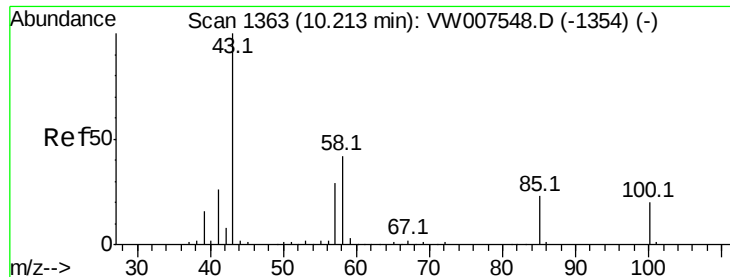
Tgt Ion: 98 Resp: 120254

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 310.848 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

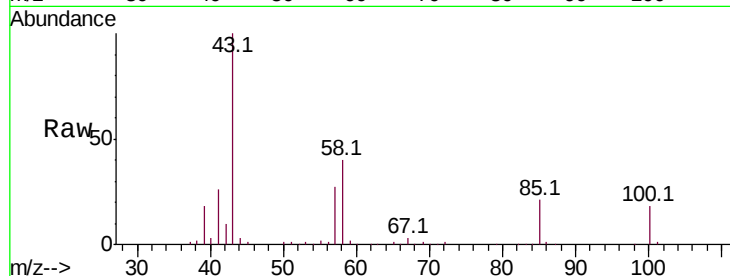
ClientSampled :

Tot Ion: 43 Resp: 100703

Ion Ratio Lower Upper

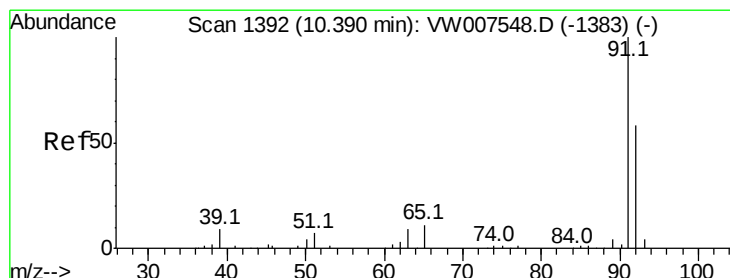
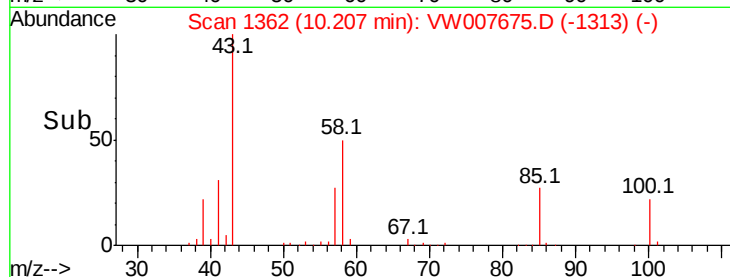
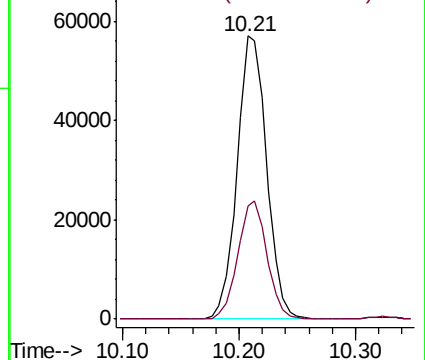
43 100

58 41.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.547 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007675.D

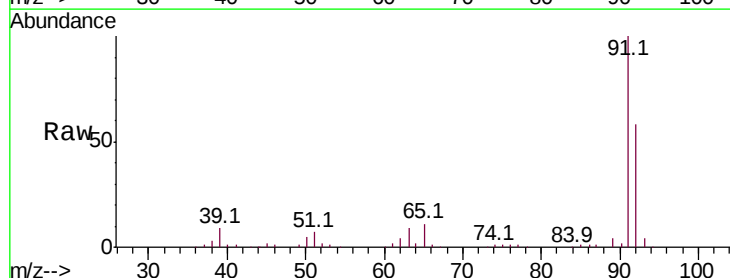
Acq: 19 Dec 2018 00:14

Tgt Ion: 92 Resp: 93099

Ion Ratio Lower Upper

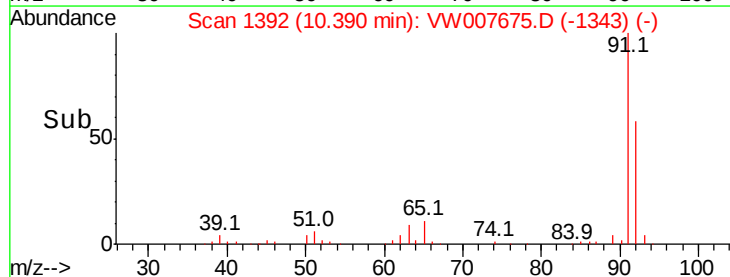
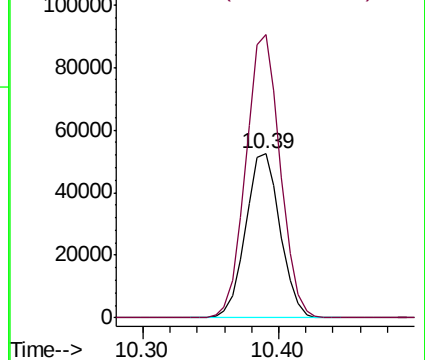
92 100

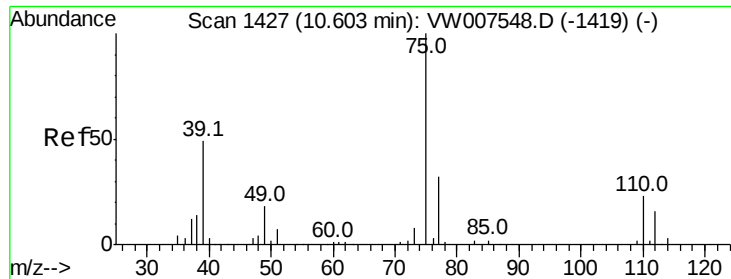
91 171.2 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 59.123 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

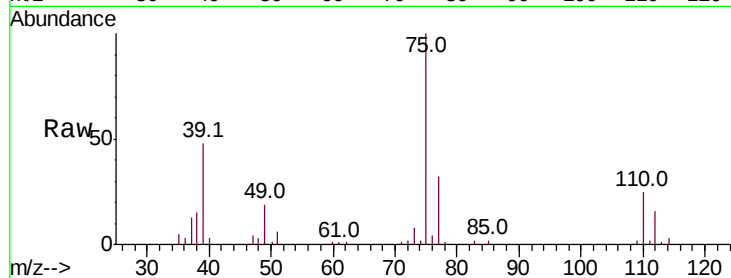
ClientSampleId :

Tot Ion: 75 Resp: 51242

Ion Ratio Lower Upper

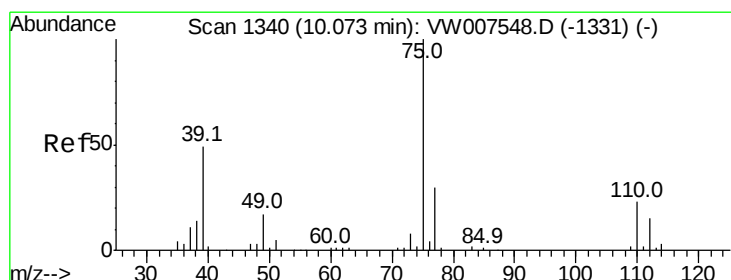
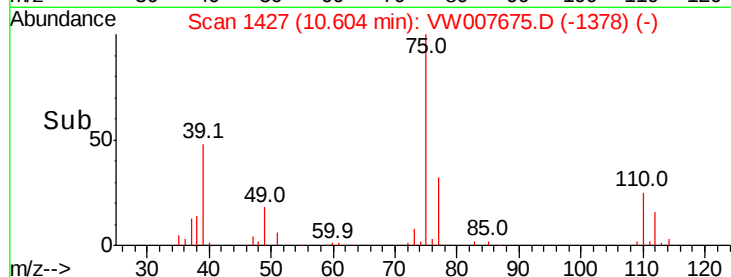
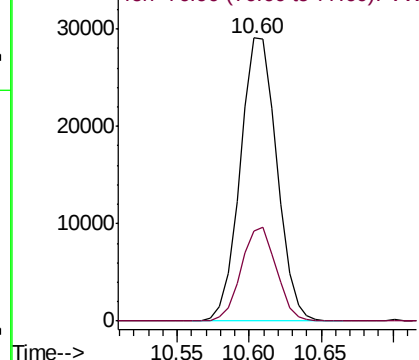
75 100

77 31.8 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 56.022 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

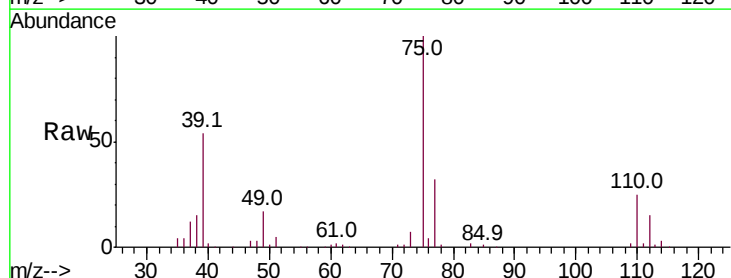
Tgt Ion: 75 Resp: 56130

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

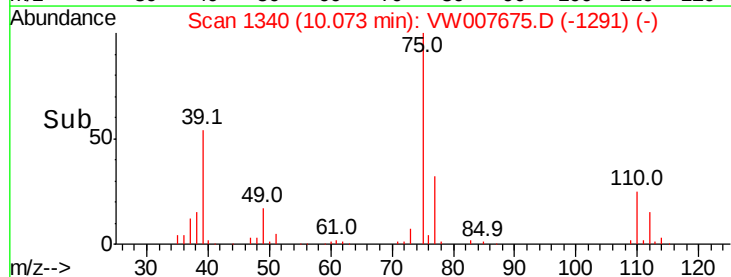
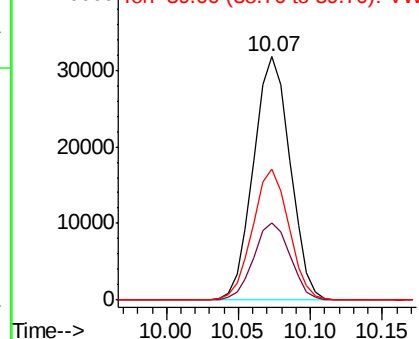
39 53.6 40.9 61.3

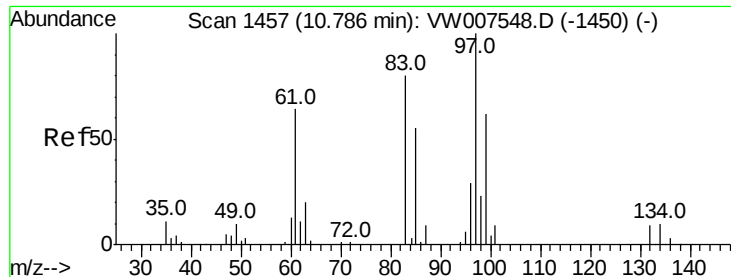


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

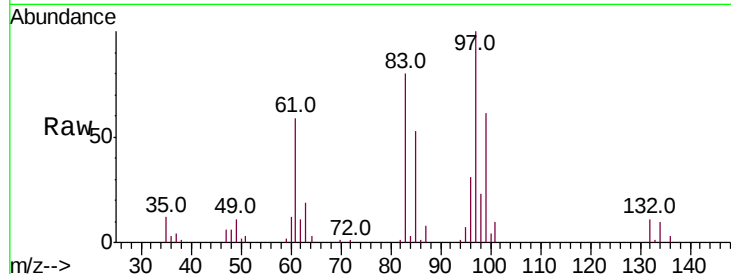




#55
 1,1,2-Trichloroethane
 Concen: 62.025 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

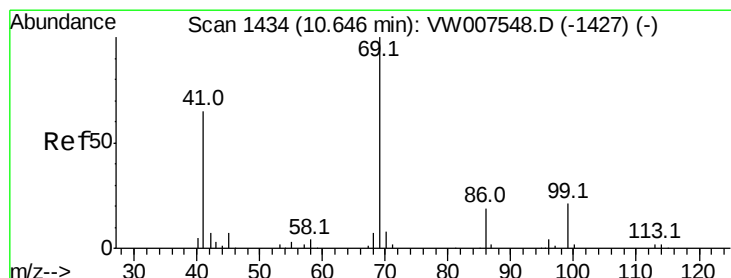
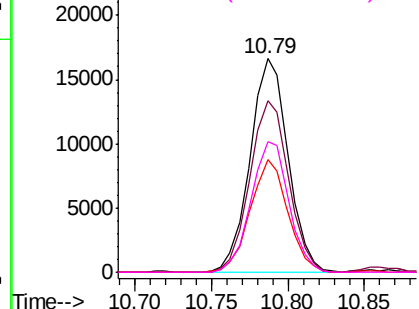
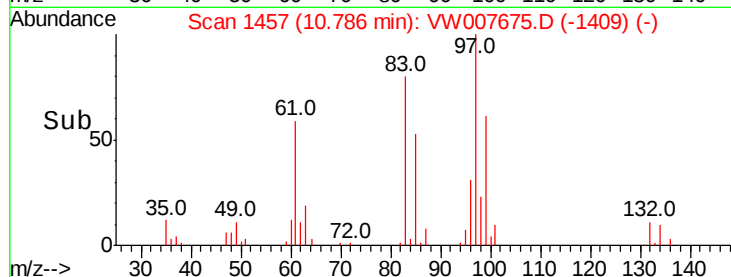
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 28731
 Ion Ratio Lower Upper
 97 100
 83 80.1 62.1 93.1
 85 53.0 44.2 66.4
 99 61.3 50.2 75.4



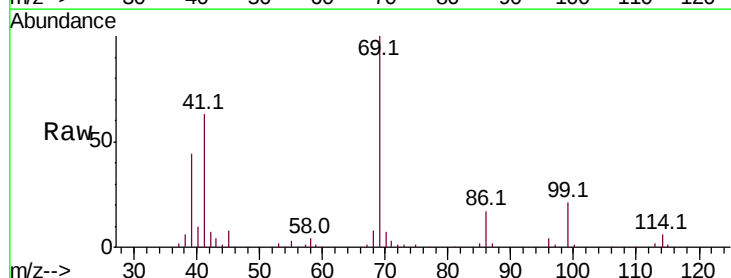
Abundance

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



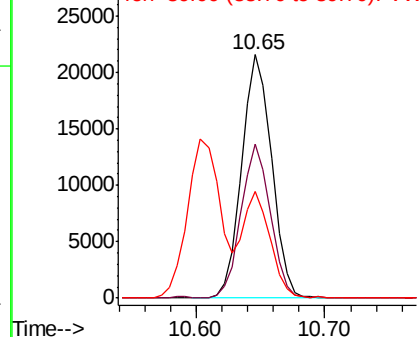
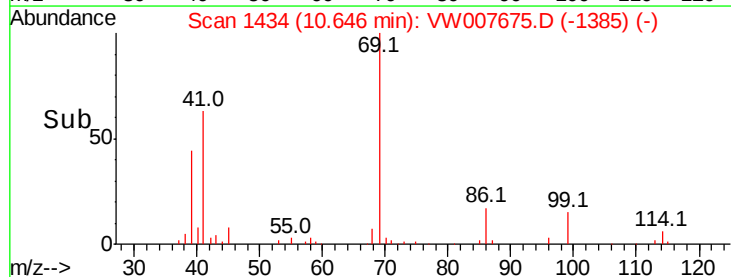
#56
 Ethyl methacrylate
 Concen: 62.293 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

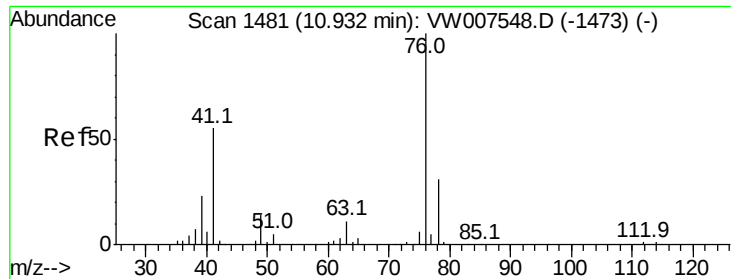
Tgt Ion: 69 Resp: 34683
 Ion Ratio Lower Upper
 69 100
 41 62.3 51.0 76.6
 39 39.7 30.8 46.2



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: 62.207 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

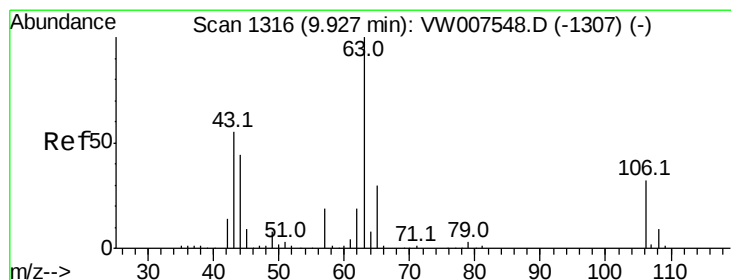
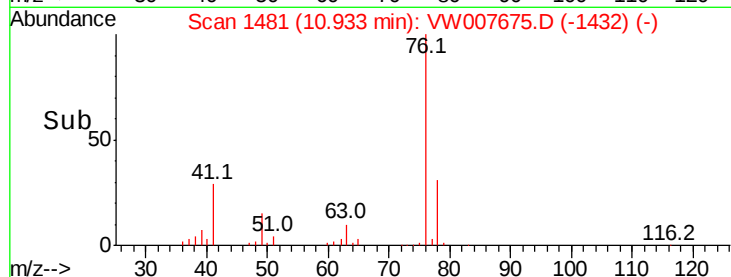
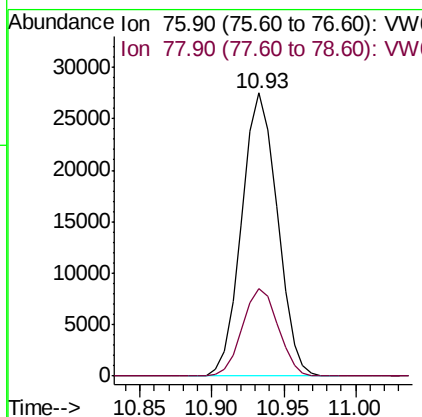
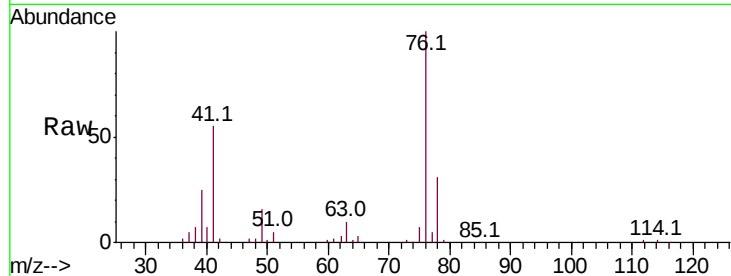
ClientSampled :

Tot Ion: 76 Resp: 47296

Ion Ratio Lower Upper

76 100

78 31.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 348.949 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW007675.D

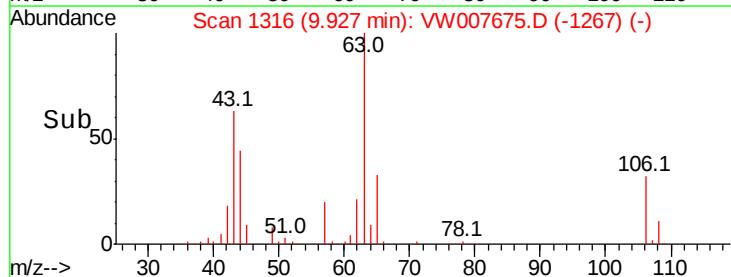
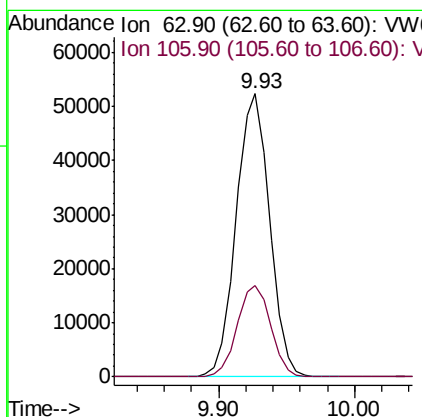
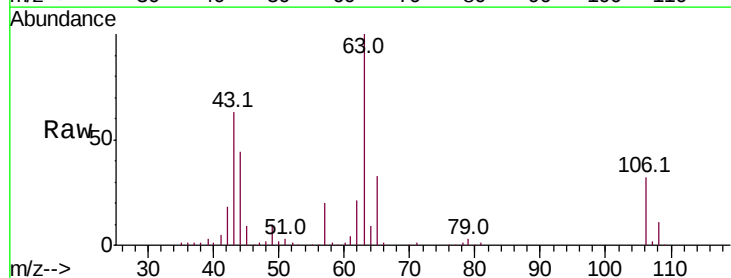
Acq: 19 Dec 2018 00:14

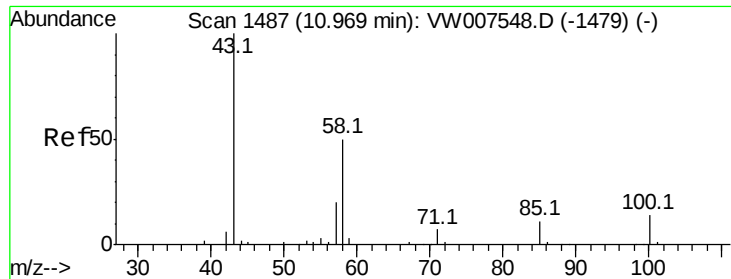
Tgt Ion: 63 Resp: 89594

Ion Ratio Lower Upper

63 100

106 32.5 25.0 37.6





#59

2-Hexanone

Concen: 334.944 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

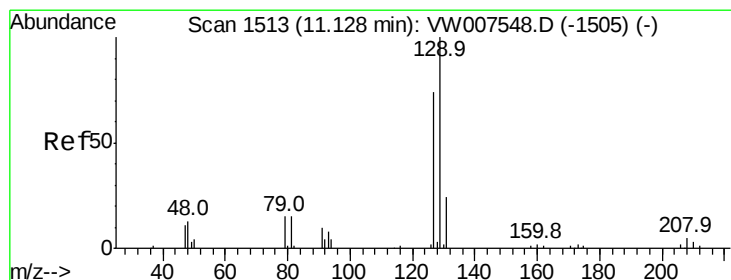
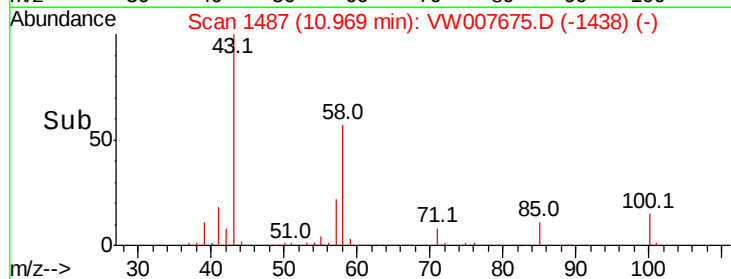
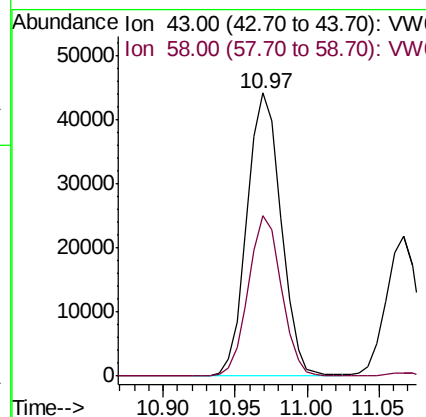
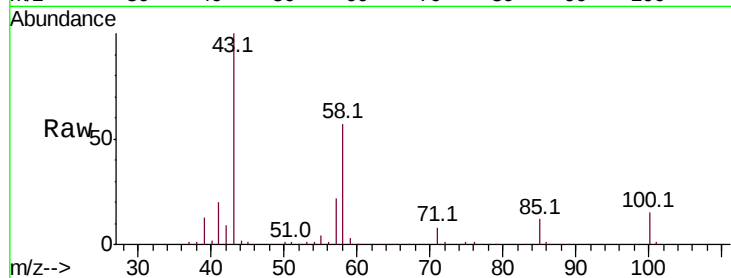
ClientSampled :

Tot Ion: 43 Resp: 72354

Ion Ratio Lower Upper

43 100

58 55.1 27.1 81.3



#60

Dibromochloromethane

Concen: 63.413 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW007675.D

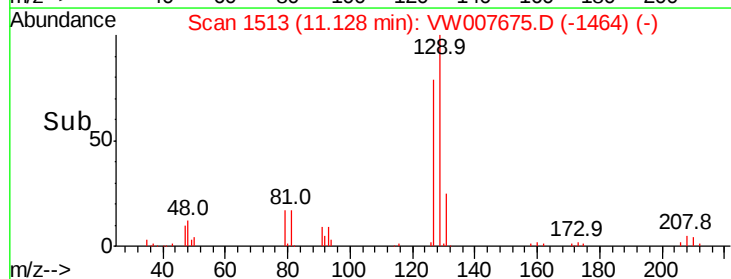
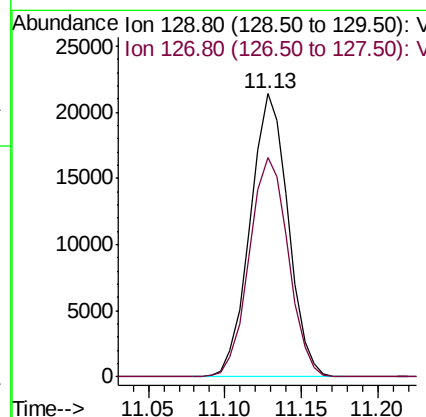
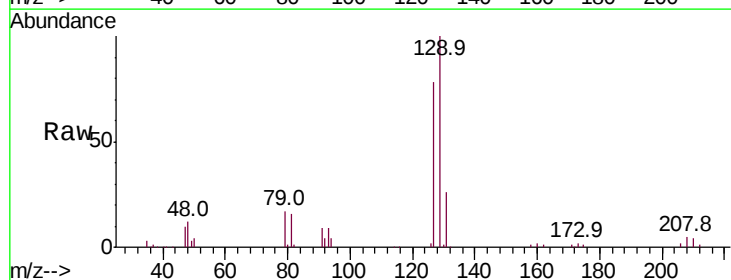
Acq: 19 Dec 2018 00:14

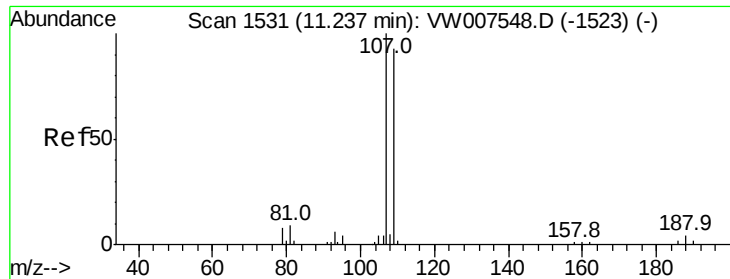
Tgt Ion:129 Resp: 37070

Ion Ratio Lower Upper

129 100

127 79.3 38.1 114.3

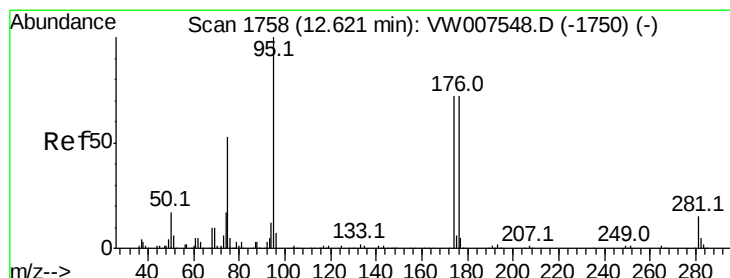
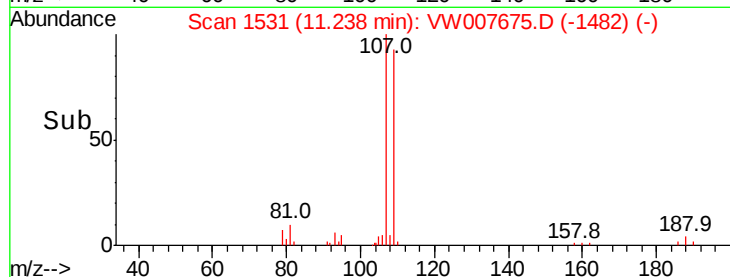
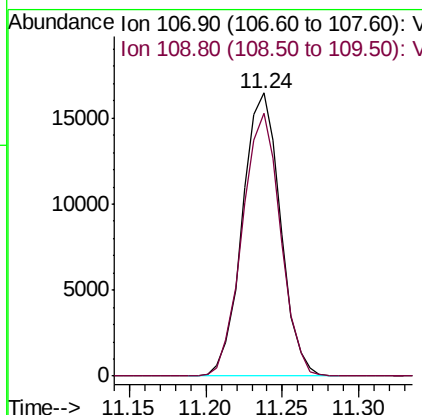
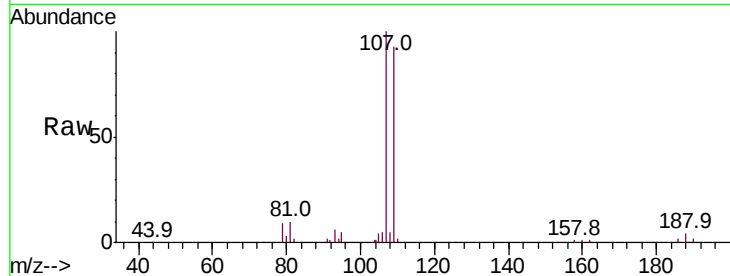




#61
 1,2-Dibromoethane
 Concen: 61.981 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

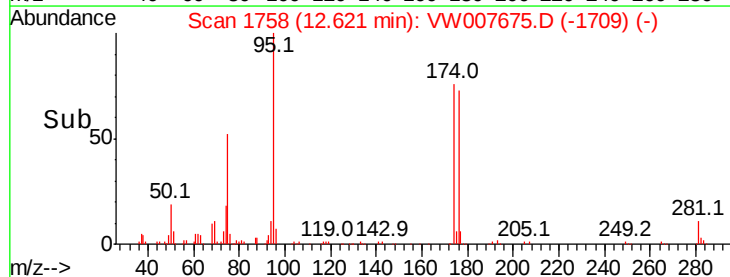
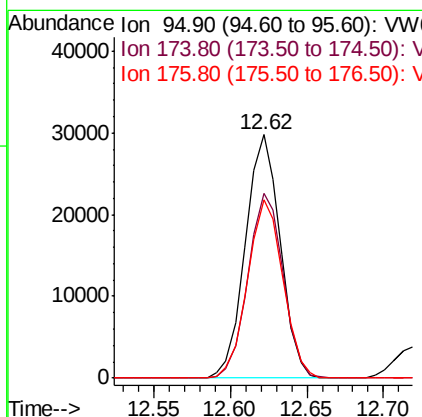
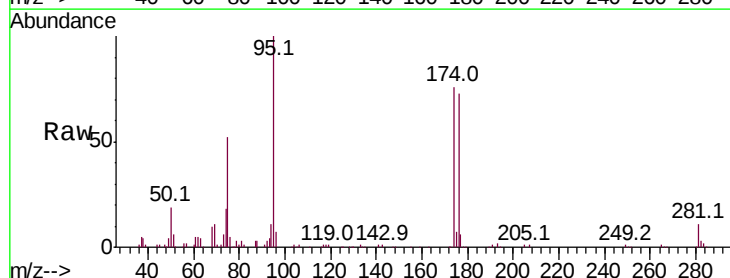
Instrument :
 MSVOA_W
 ClientSampleId :

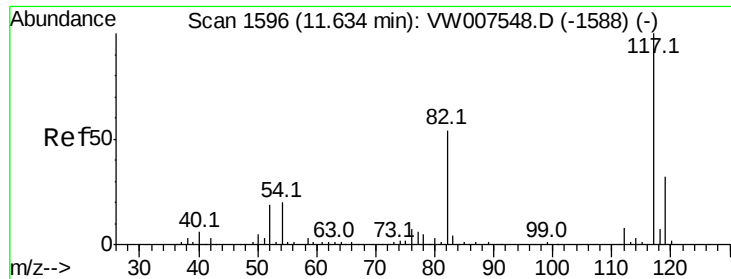
Tot Ion:107 Resp: 28373
 Ion Ratio Lower Upper
 107 100
 109 93.5 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 55.165 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion: 95 Resp: 47095
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 147.2
 176 74.5 0.0 138.8

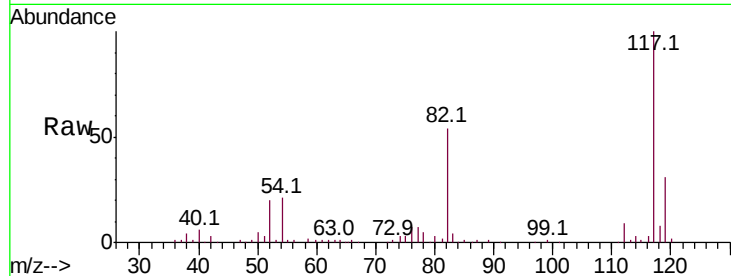




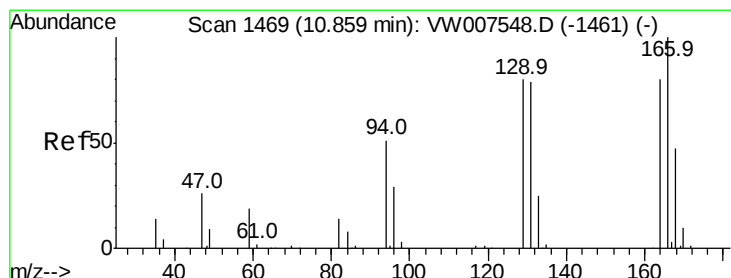
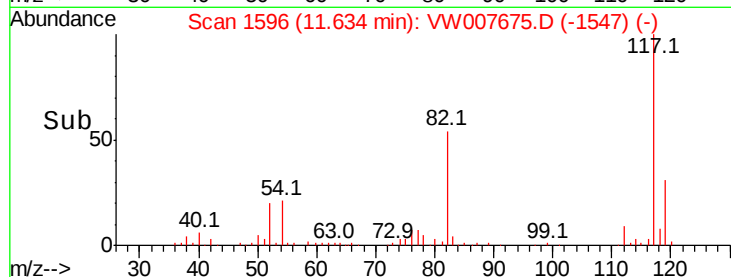
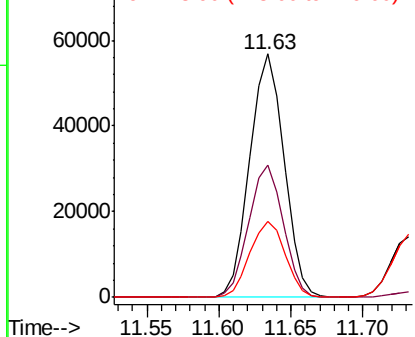
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 93746
Ion Ratio Lower Upper
117 100
82 54.1 42.3 63.5
119 31.0 23.0 34.6

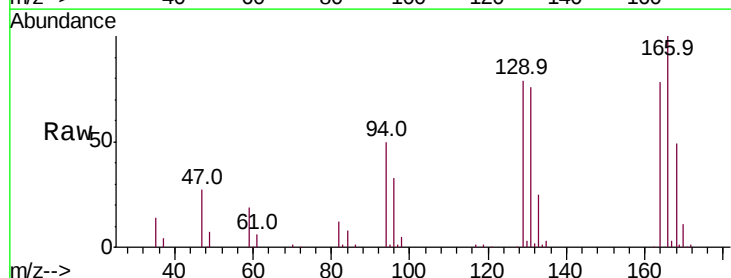


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

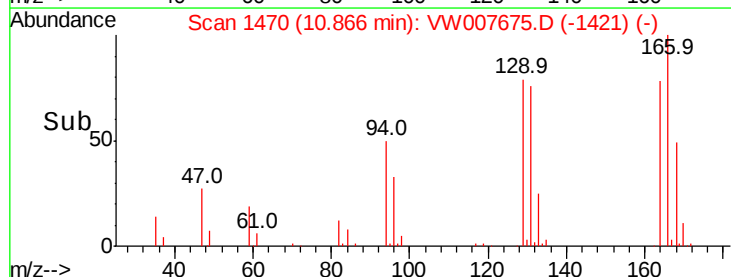
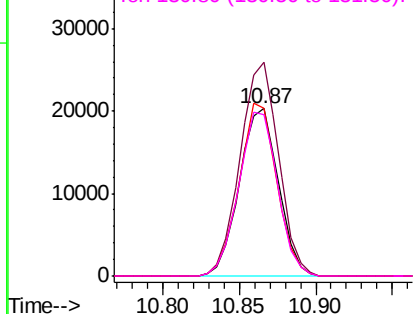


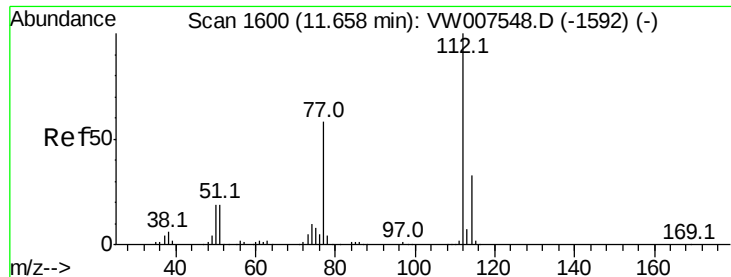
#64
Tetrachloroethene
Concen: 53.267 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:164 Resp: 35910
Ion Ratio Lower Upper
164 100
166 127.8 107.9 161.9
129 100.5 73.4 110.2
131 96.8 75.8 113.6



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

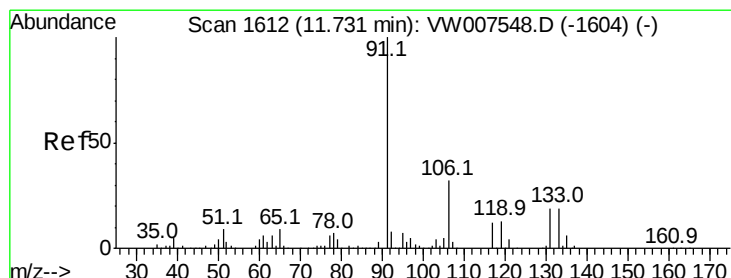
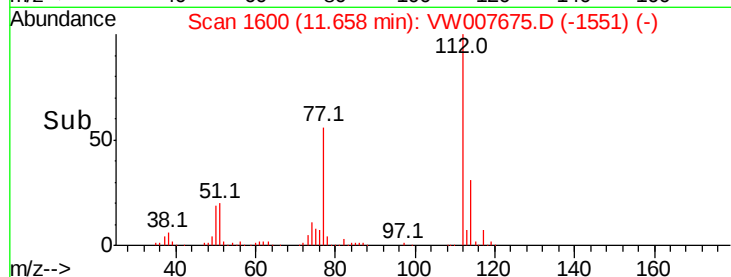
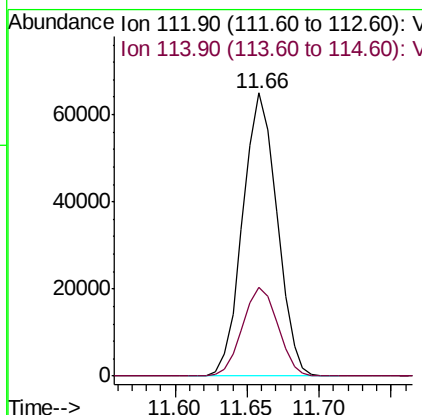
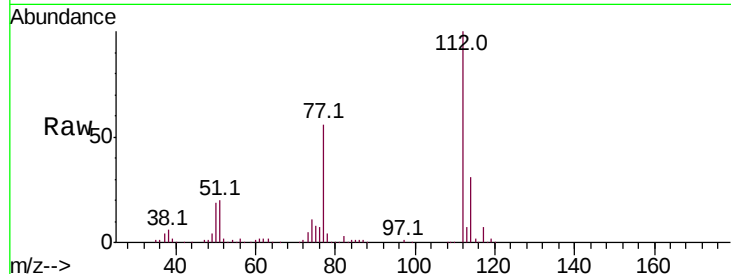




#65
Chlorobenzene
Concen: 55.018 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

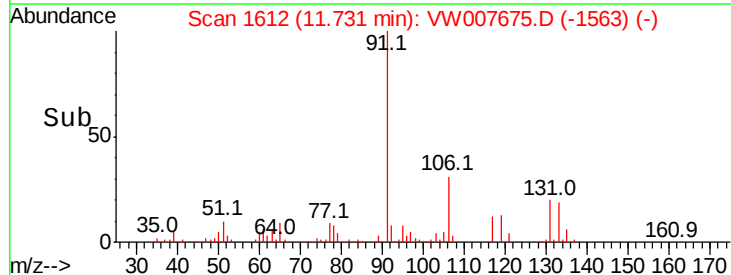
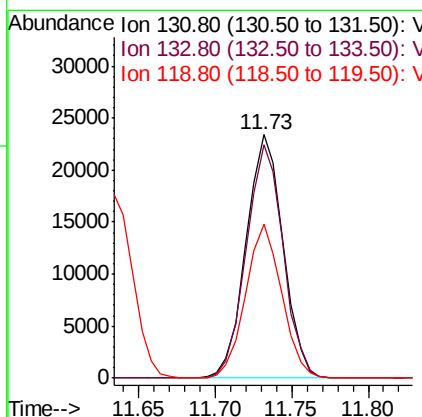
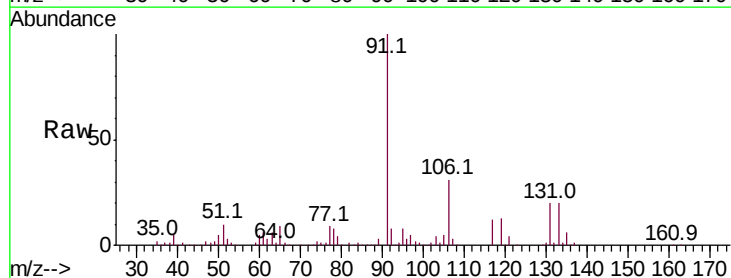
Instrument :
MSVOA_W
ClientSampleId :

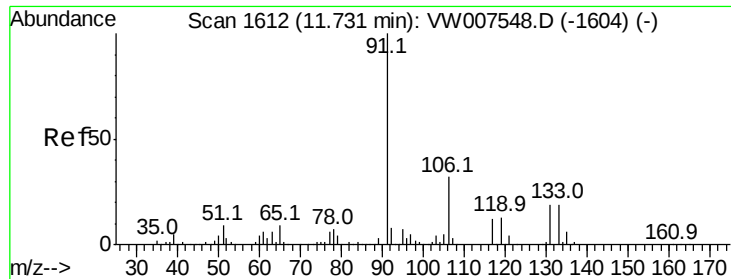
Tot Ion:112 Resp: 107503
Ion Ratio Lower Upper
112 100
114 31.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.025 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:131 Resp: 39244
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 61.8 31.3 93.9

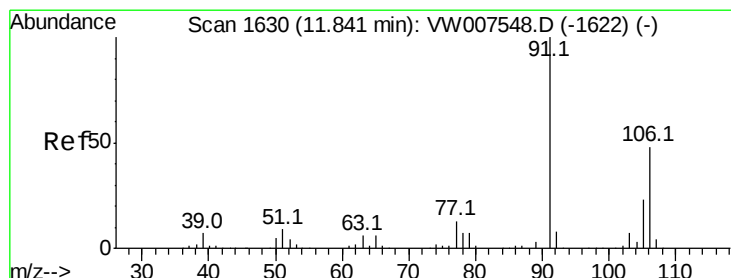
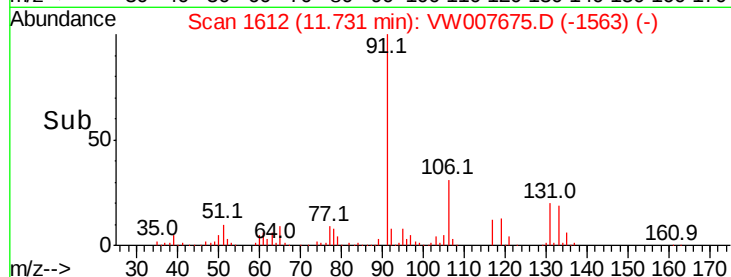
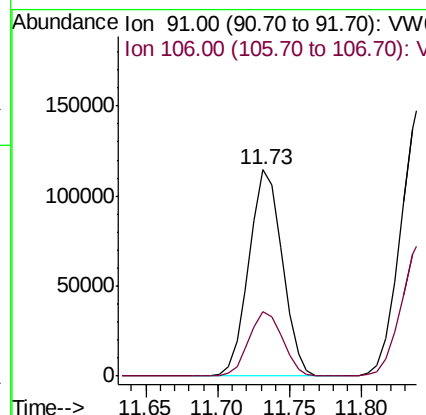
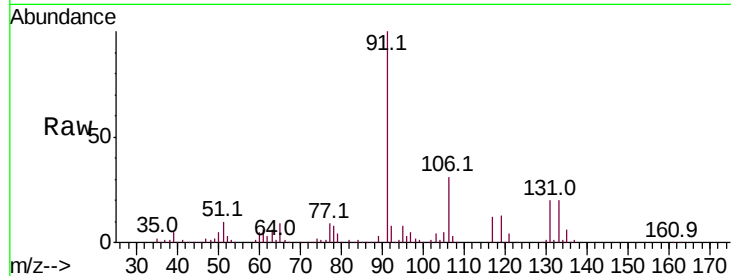




#67
Ethyl Benzene
Concen: 54.767 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

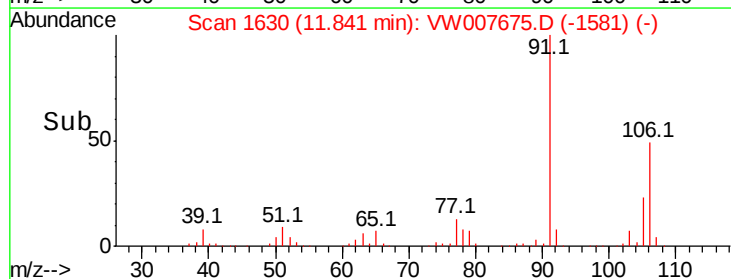
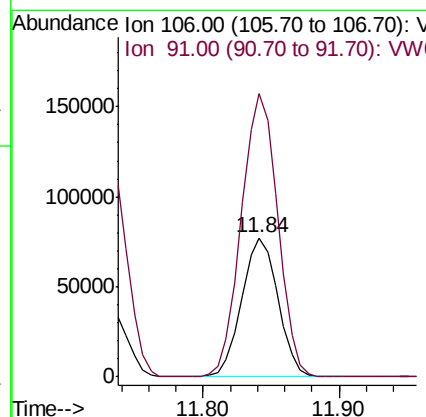
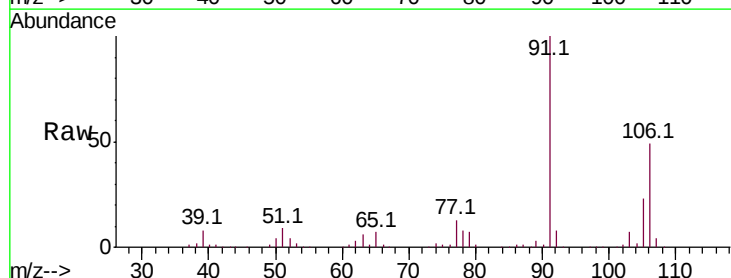
Instrument :
MSVOA_W
ClientSampleId :

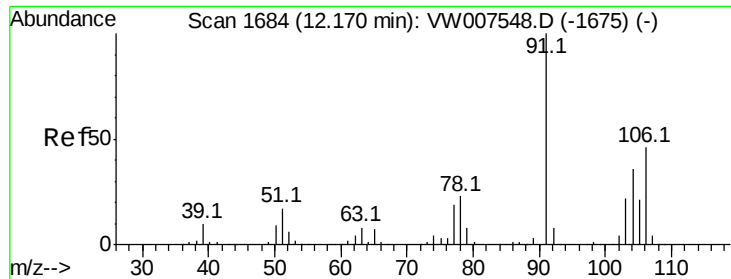
Tot Ion: 91 Resp: 183986
Ion Ratio Lower Upper
91 100
106 31.3 21.8 32.8



#68
m/p-Xylenes
Concen: 109.759 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:106 Resp: 143344
Ion Ratio Lower Upper
106 100
91 205.8 165.3 247.9

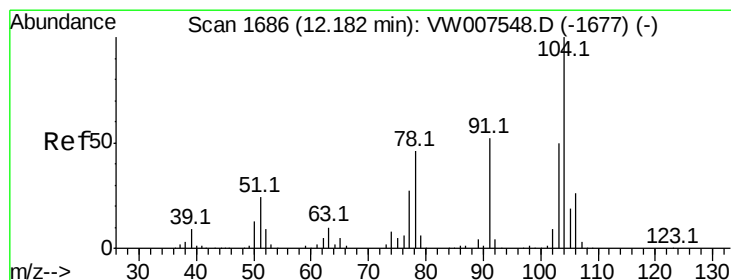
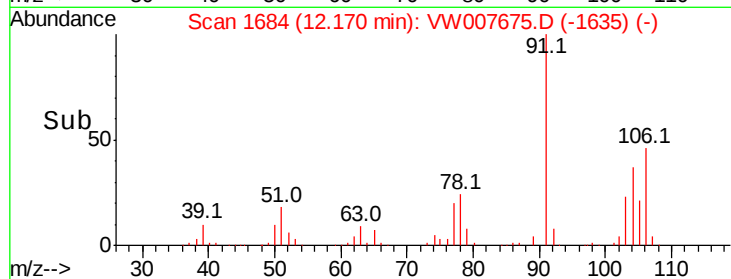
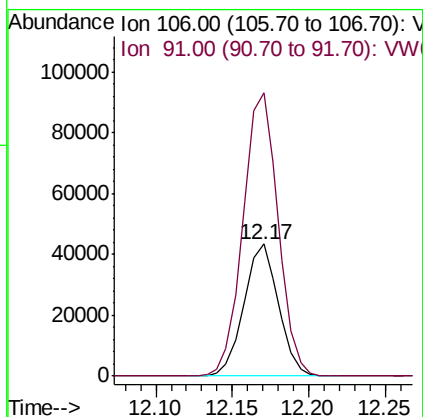
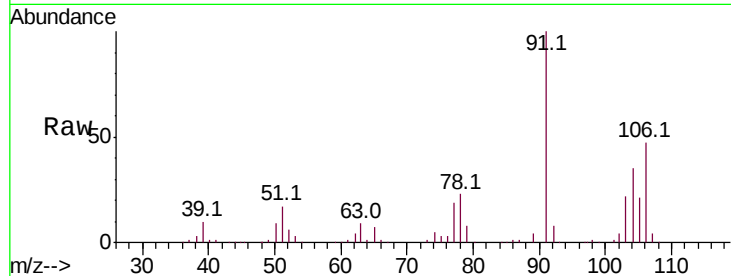




#69
o-Xylene
Concen: 55.435 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

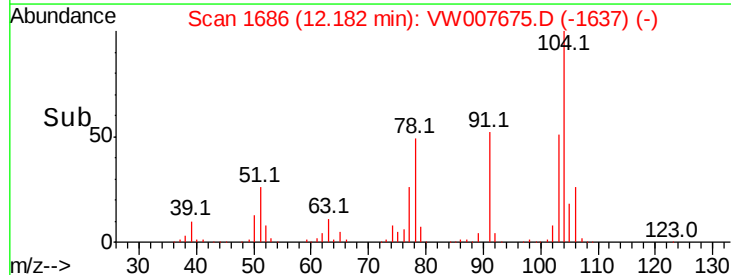
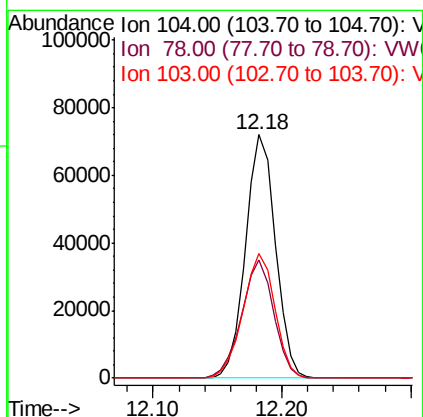
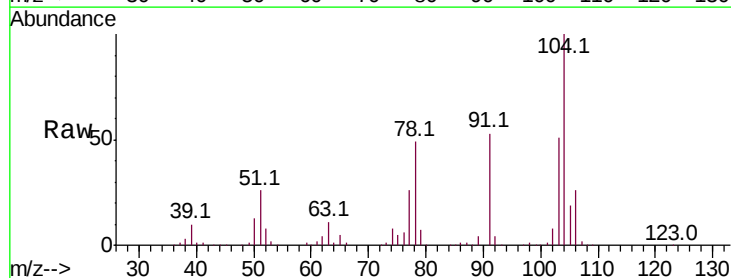
Instrument :
MSVOA_W
ClientSampled :

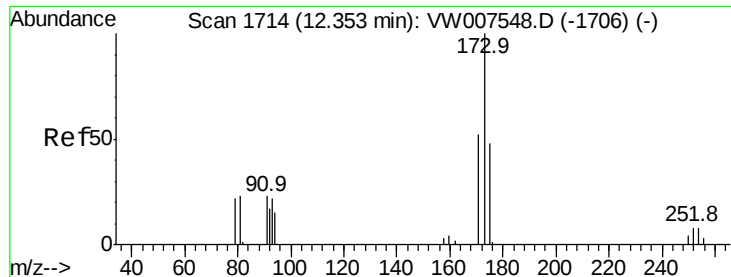
Tot Ion:106 Resp: 67615
Ion Ratio Lower Upper
106 100
91 218.8 106.6 319.8



#70
Styrene
Concen: 58.319 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:104 Resp: 114893
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.1 46.6 69.8





#71

Bromoform

Concen: 61.194 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

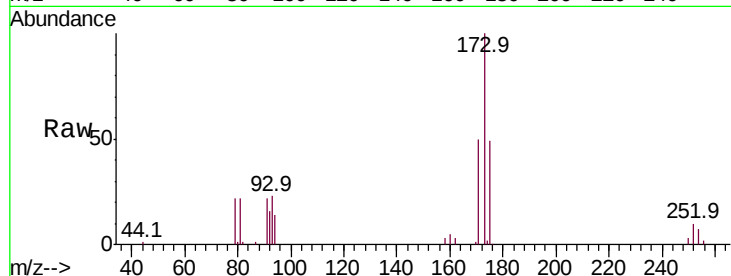
Tot Ion:173 Resp: 21555

Ion Ratio Lower Upper

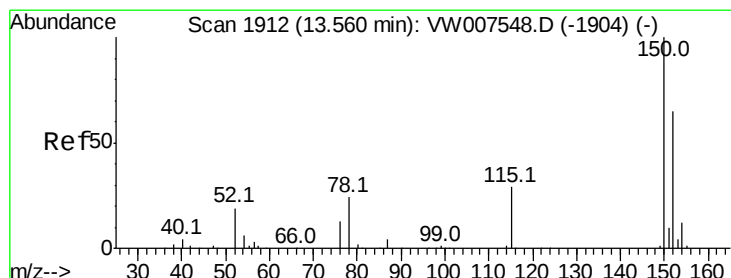
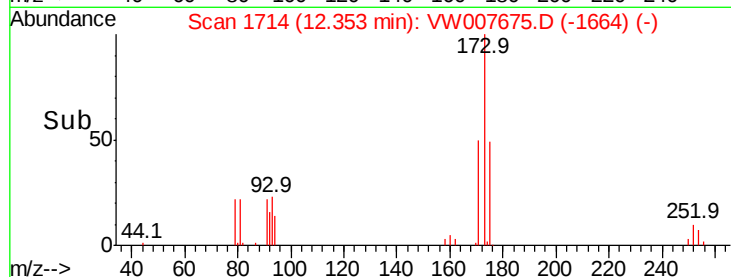
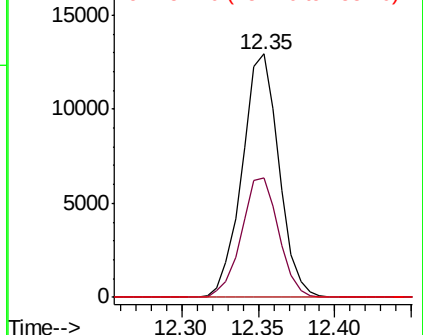
173 100

175 49.7 23.6 70.8

254 0.0 0.0 0.0



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. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

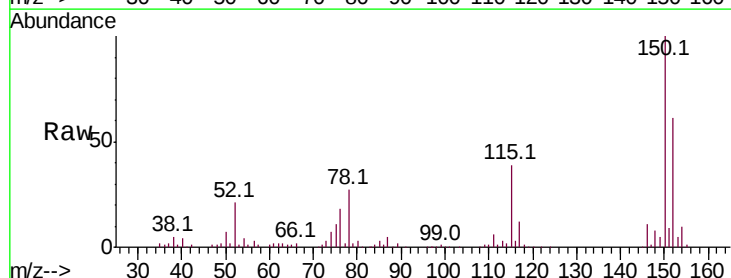
Tgt Ion:152 Resp: 48541

Ion Ratio Lower Upper

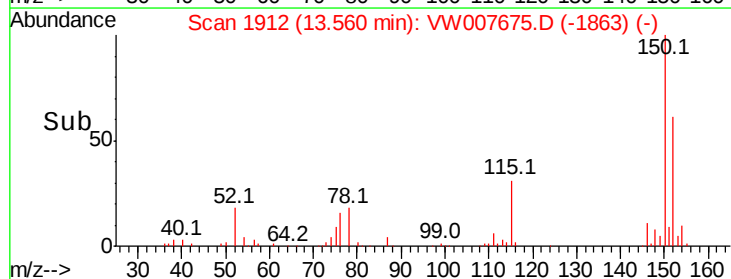
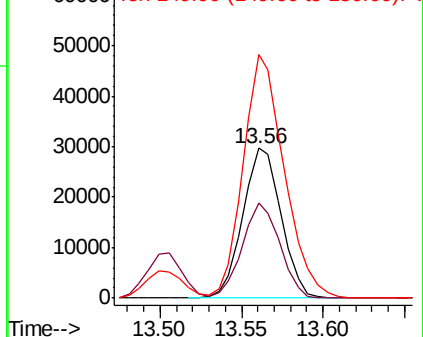
152 100

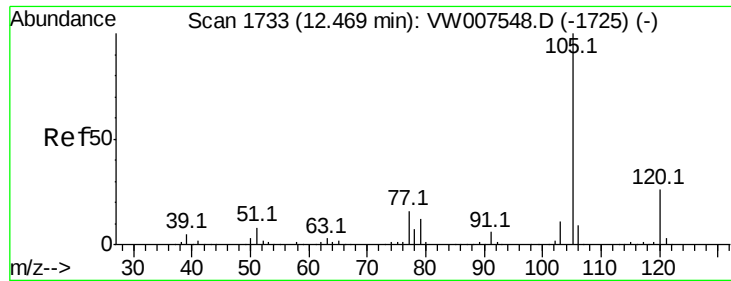
115 62.3 31.4 94.2

150 173.8 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.891 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

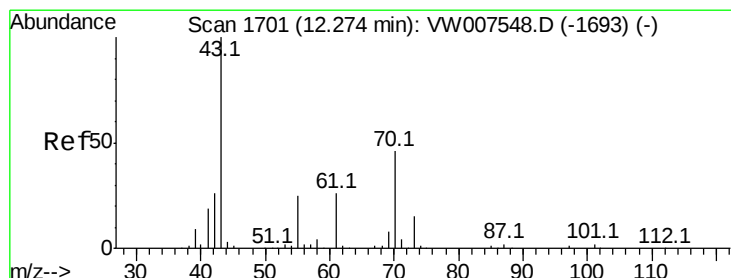
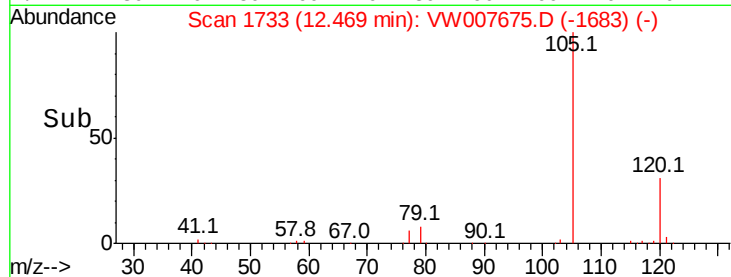
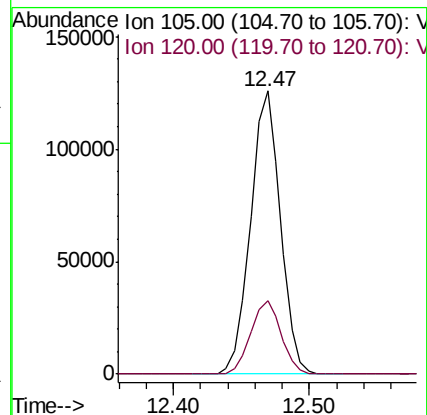
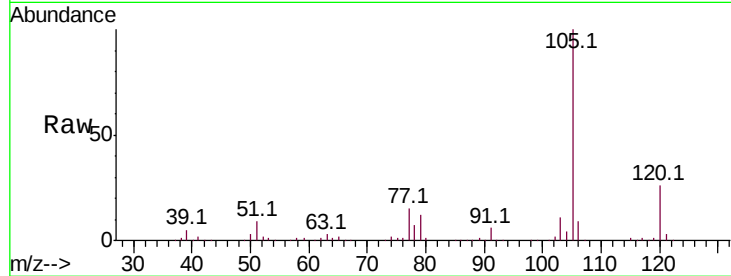
ClientSampleId :

Tot Ion:105 Resp: 193002

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.4



#74

N-ethyl acetate

Concen: 54.699 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Tgt Ion: 43 Resp: 36975

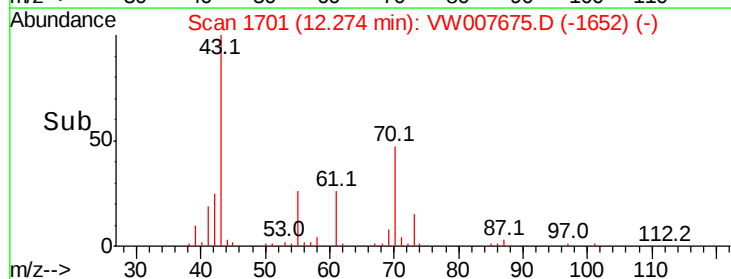
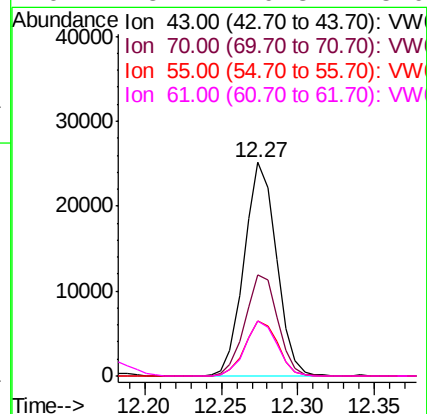
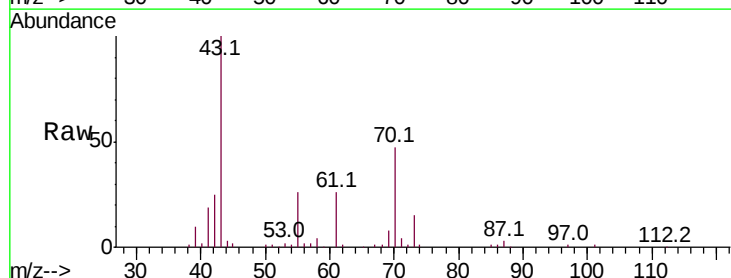
Ion Ratio Lower Upper

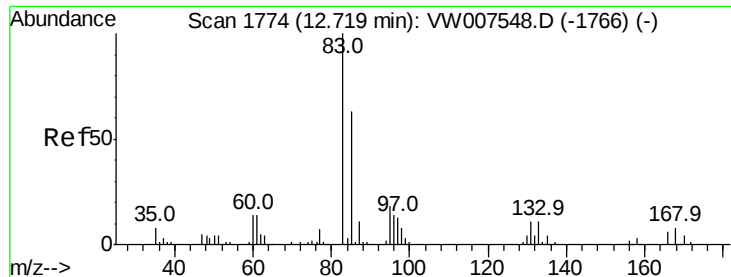
43 100

70 47.5 36.5 54.7

55 26.2 20.1 30.1

61 25.7 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 57.687 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

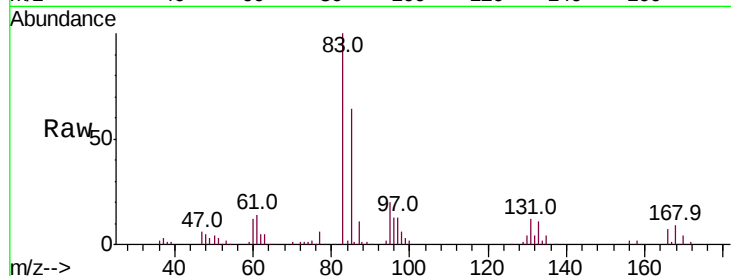
Tot Ion: 83 Resp: 31779

Ion Ratio Lower Upper

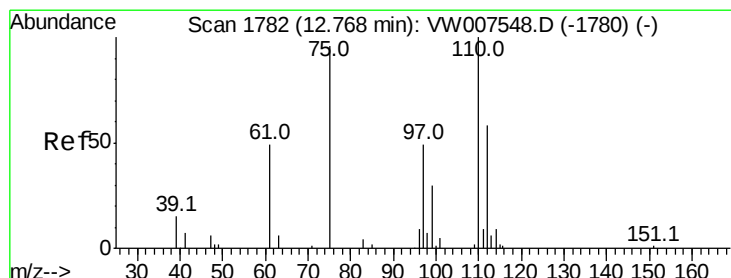
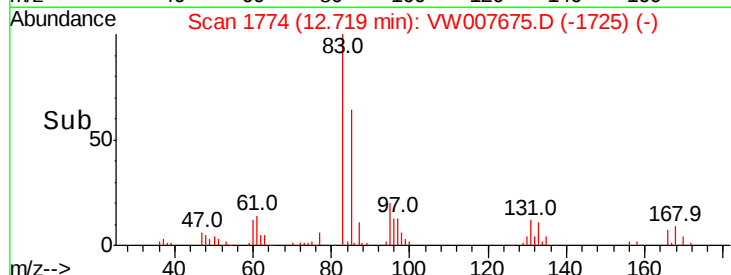
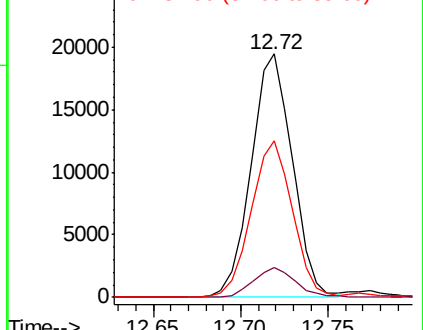
83 100

131 12.8 5.9 17.8

85 64.4 30.0 90.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 109.826 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW007675.D

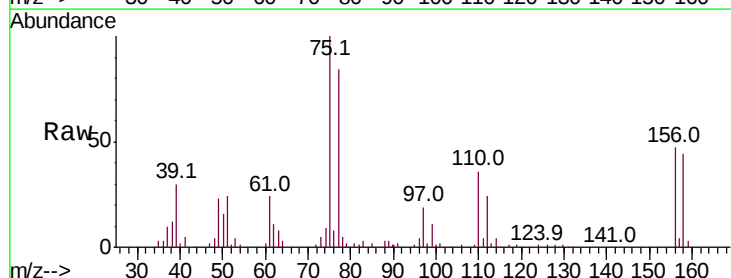
Acq: 19 Dec 2018 00:14

Tgt Ion: 75 Resp: 43956

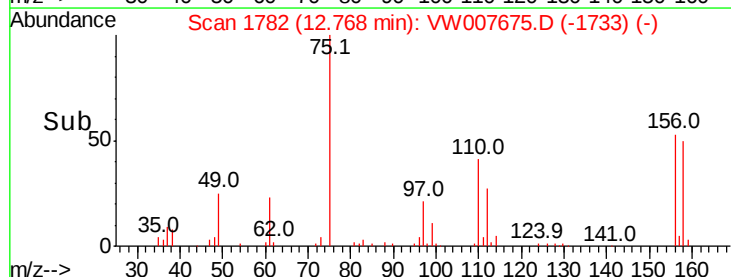
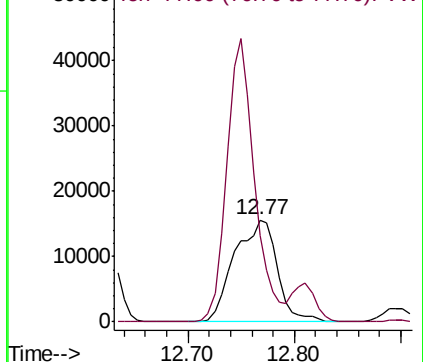
Ion Ratio Lower Upper

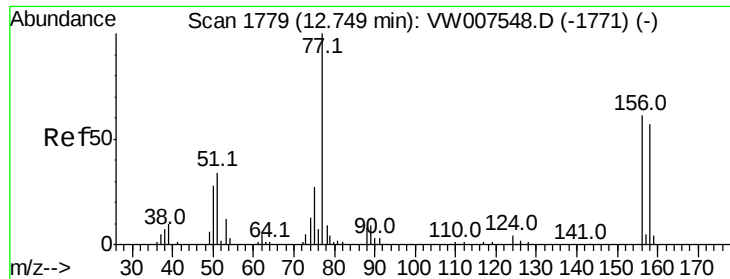
75 100

77 181.3 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.156 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

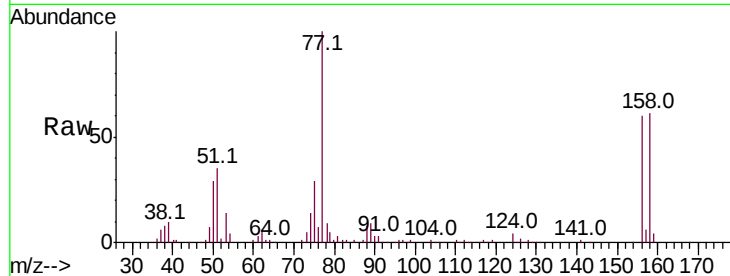
Tot Ion:156 Resp: 43824

Ion Ratio Lower Upper

156 100

77 181.8 88.1 264.4

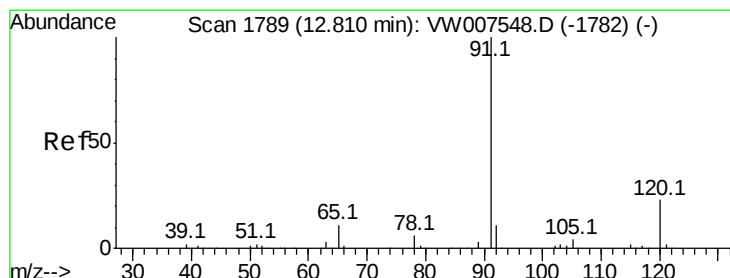
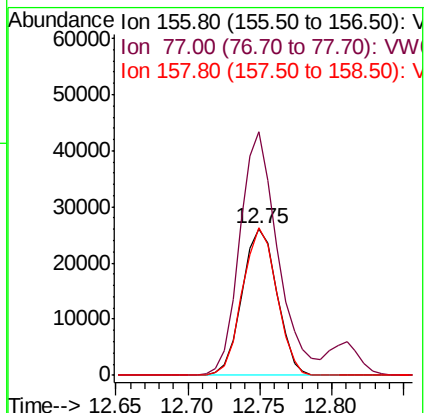
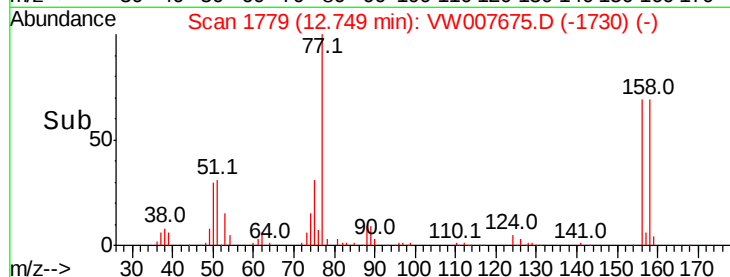
158 99.0 45.6 136.7



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: 53.199 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007675.D

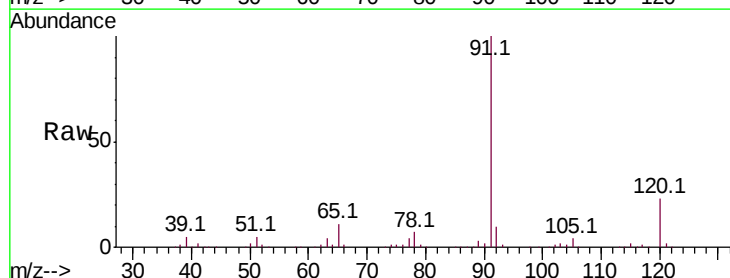
Acq: 19 Dec 2018 00:14

Tgt Ion: 91 Resp: 222681

Ion Ratio Lower Upper

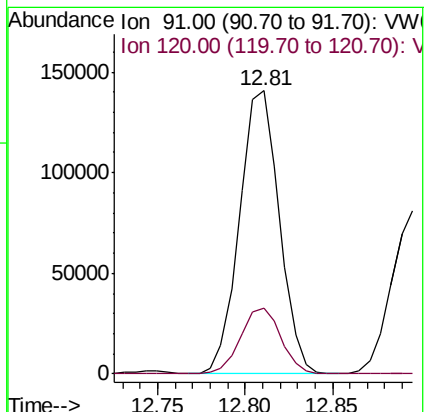
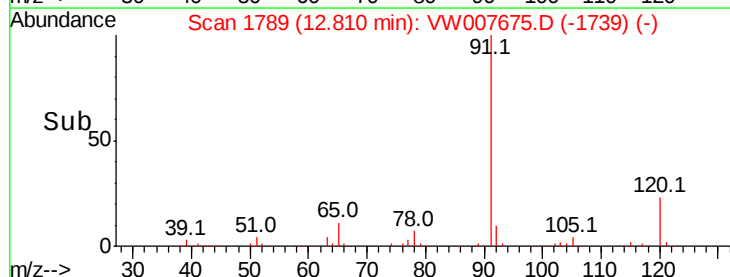
91 100

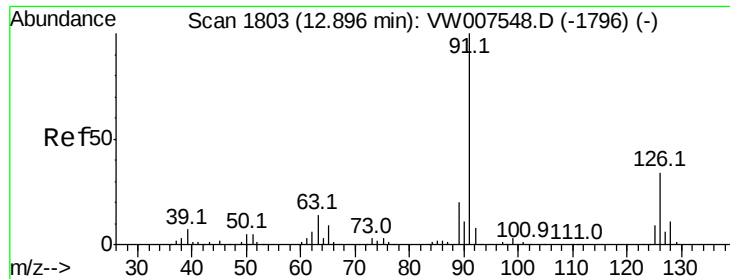
120 23.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

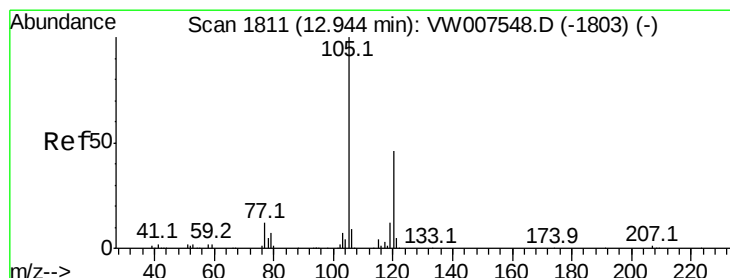
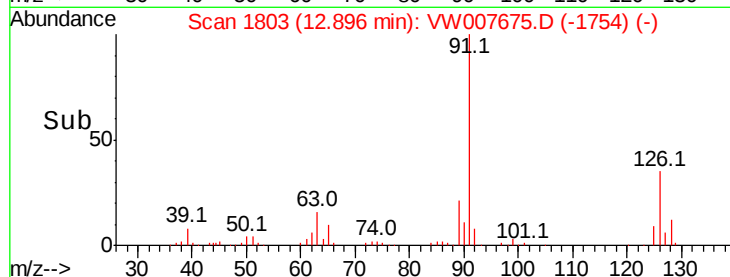
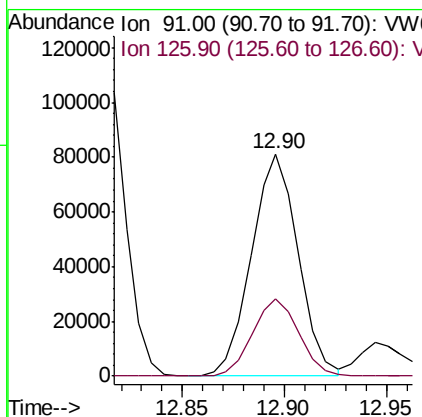
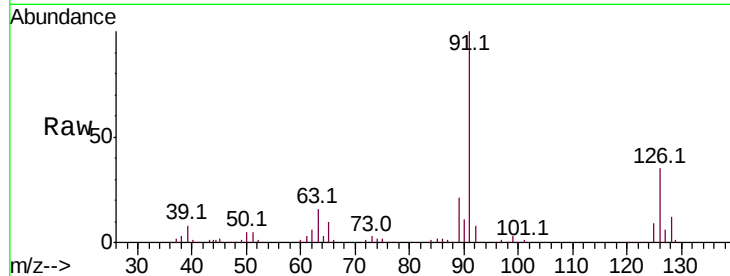




#79
2-Chlorotoluene
Concen: 51.007 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

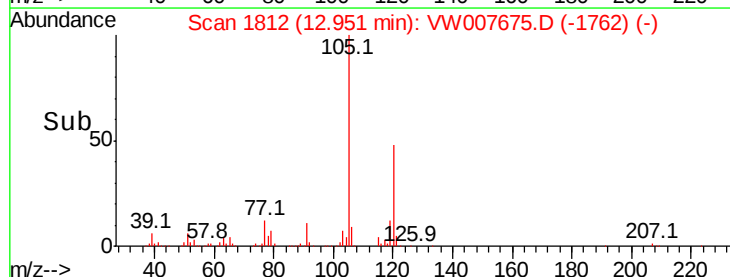
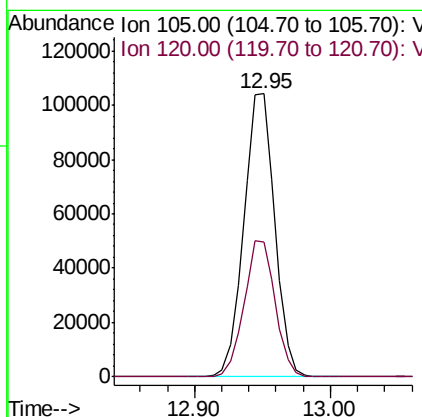
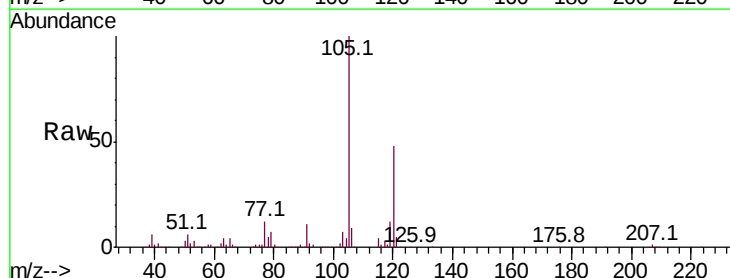
Instrument :
MSVOA_W
ClientSampled :

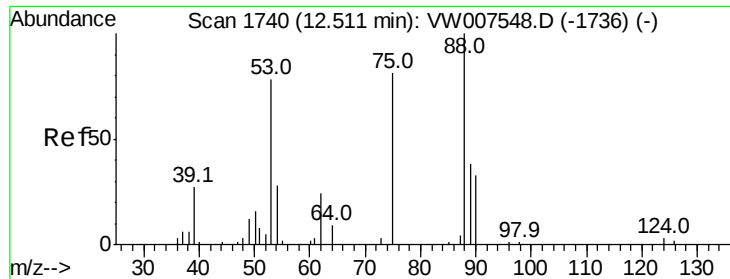
Tot Ion: 91 Resp: 129189
Ion Ratio Lower Upper
91 100
126 34.5 15.9 47.6



#80
1,3,5-Trimethylbenzene
Concen: 52.979 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:105 Resp: 165572
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.061 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampleId :

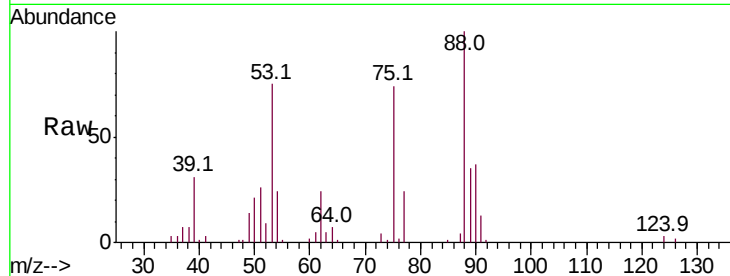
Tot Ion: 75 Resp: 9795

Ion Ratio Lower Upper

75 100

53 102.9 84.9 127.3

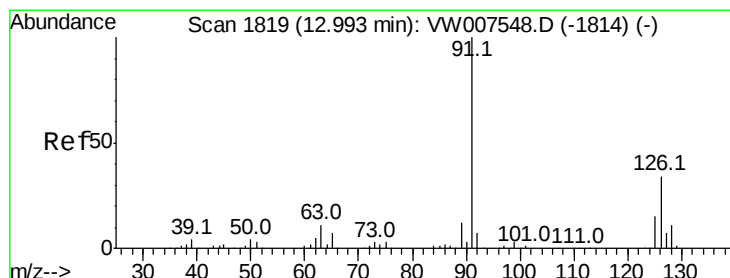
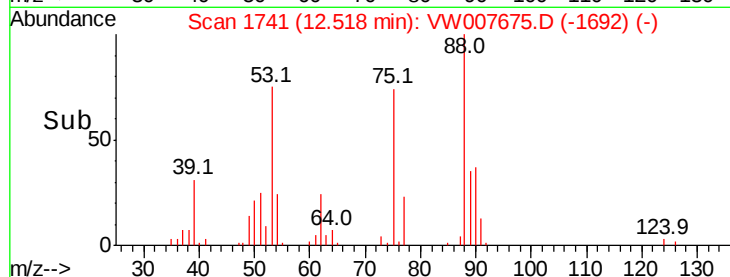
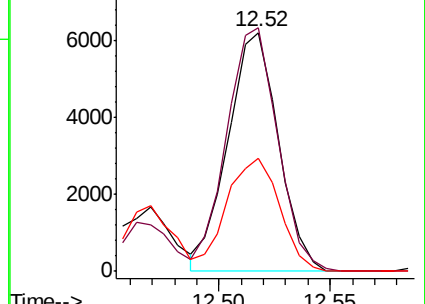
89 49.7 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 51.961 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007675.D

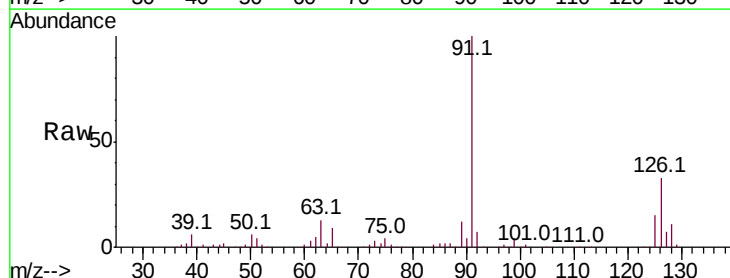
Acq: 19 Dec 2018 00:14

Tgt Ion: 91 Resp: 138726

Ion Ratio Lower Upper

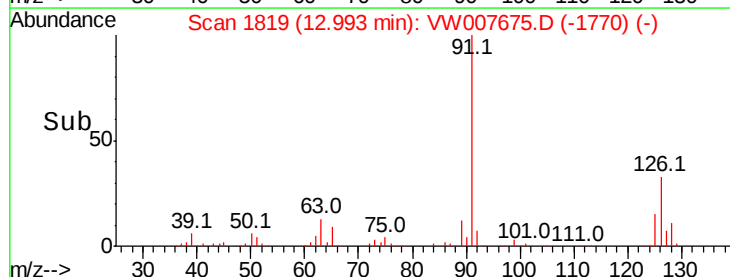
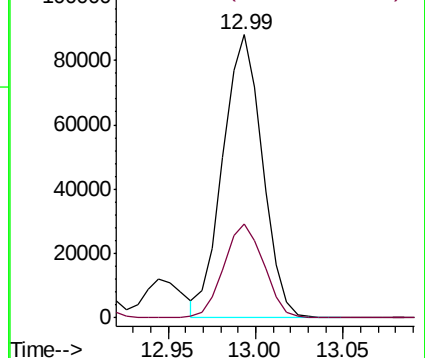
91 100

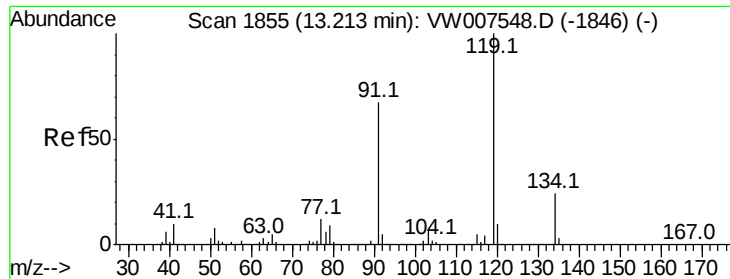
126 33.4 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

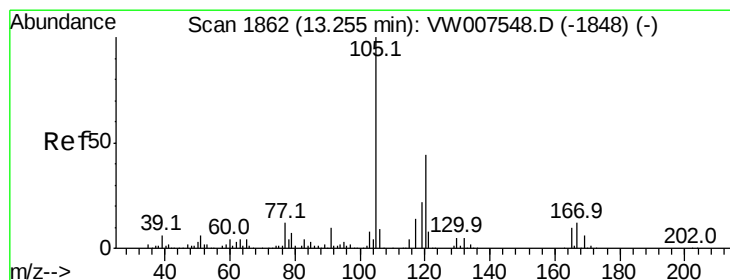
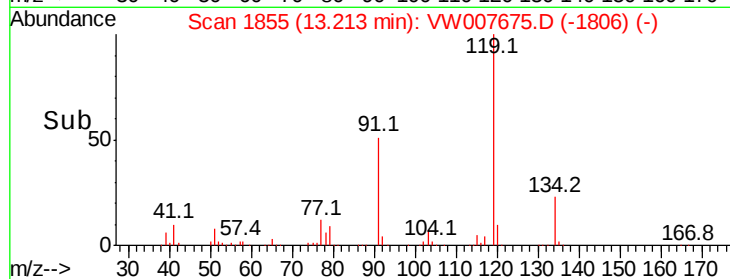
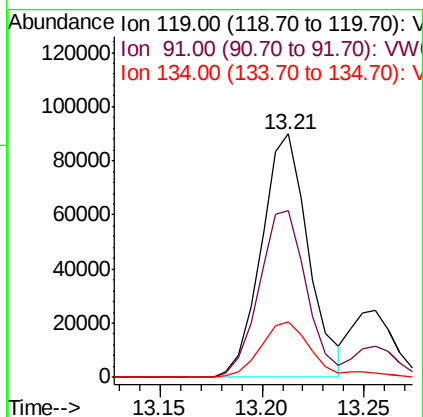
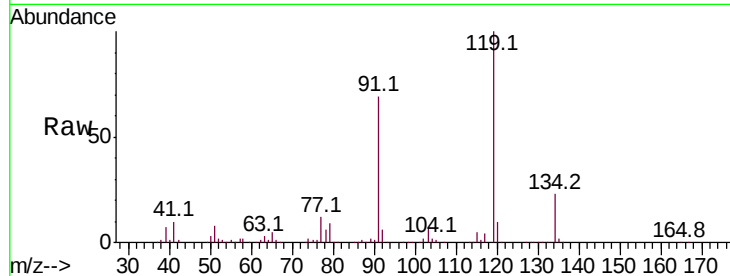




#83
tert-Butylbenzene
Concen: 52.444 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

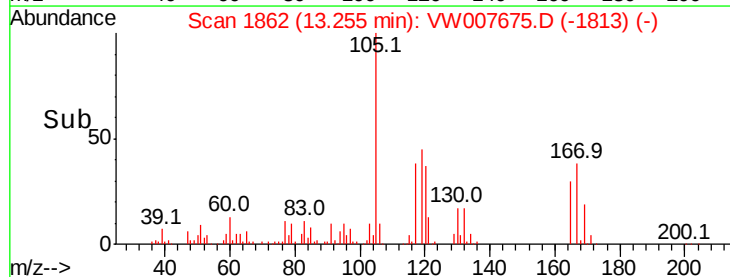
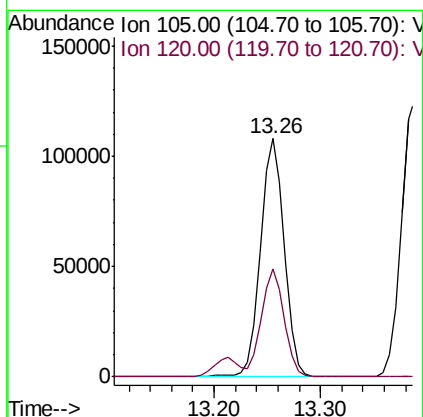
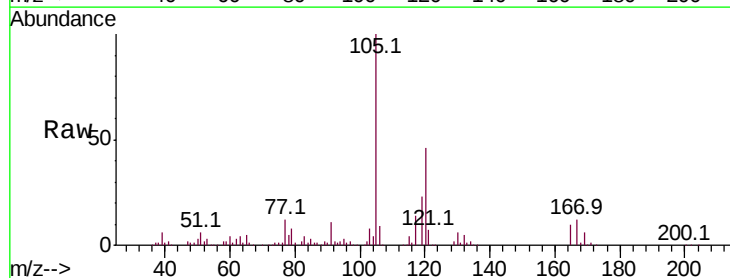
Instrument :
MSVOA_W
ClientSampleId :

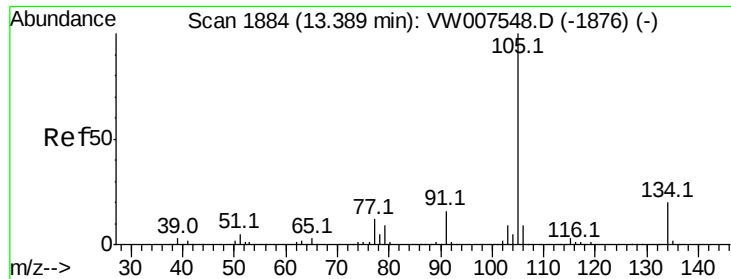
Tot Ion:119 Resp: 144418
Ion Ratio Lower Upper
119 100
91 68.9 33.1 99.2
134 25.4 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 52.374 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:105 Resp: 168436
Ion Ratio Lower Upper
105 100
120 43.1 22.6 67.7

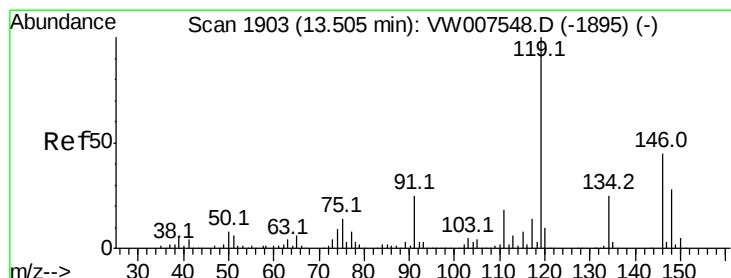
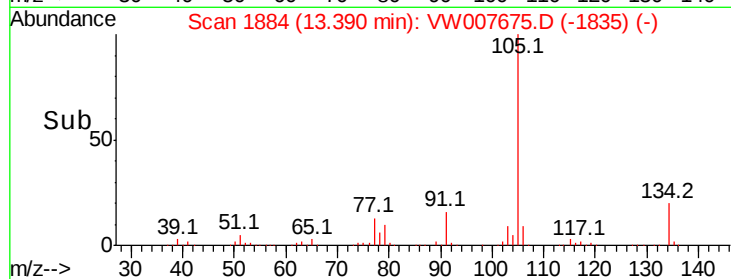
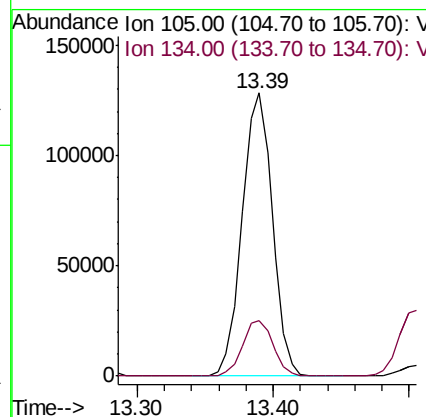
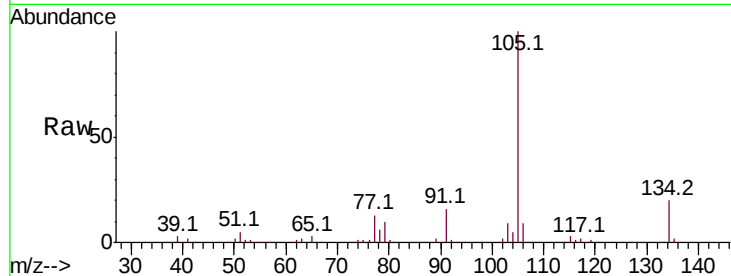




#85
 sec-Butylbenzene
 Concen: 52.918 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

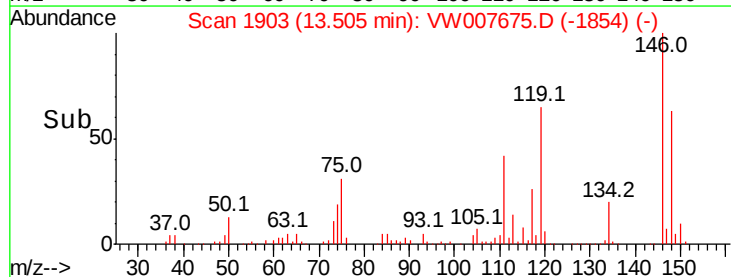
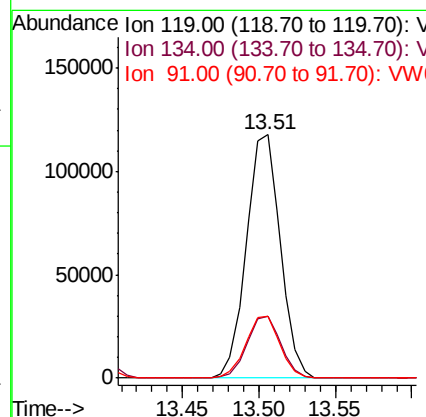
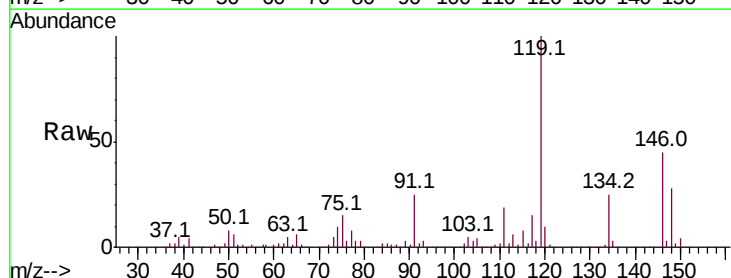
Instrument :
 MSVOA_W
 ClientSampled :

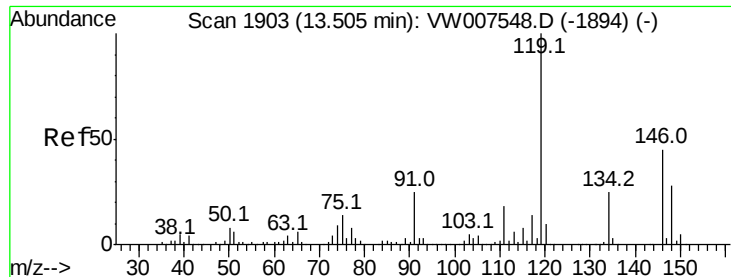
Tot Ion:105 Resp: 198930
 Ion Ratio Lower Upper
 105 100
 134 19.9 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 53.633 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion:119 Resp: 181127
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 25.4 11.9 35.9

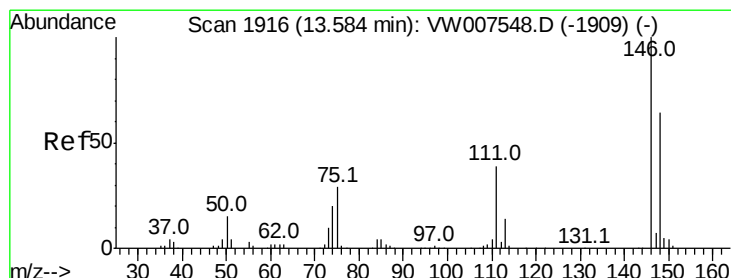
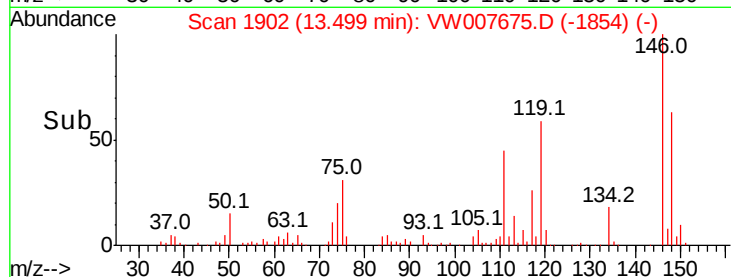
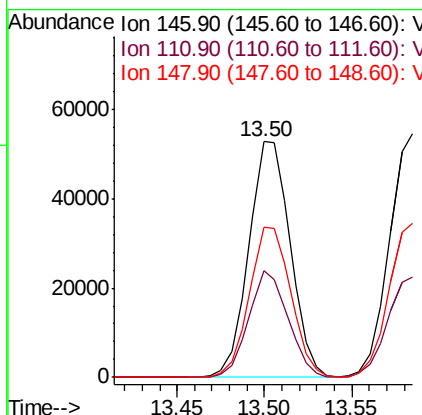
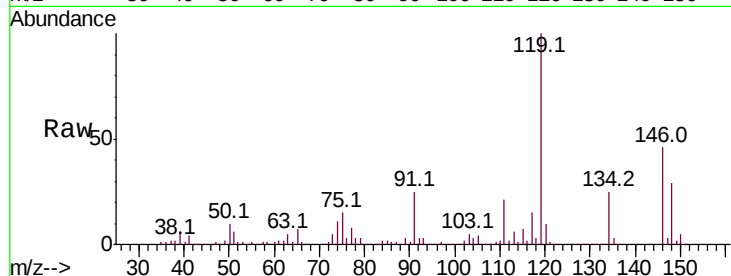




#87
 1,3-Dichlorobenzene
 Concen: 52.854 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

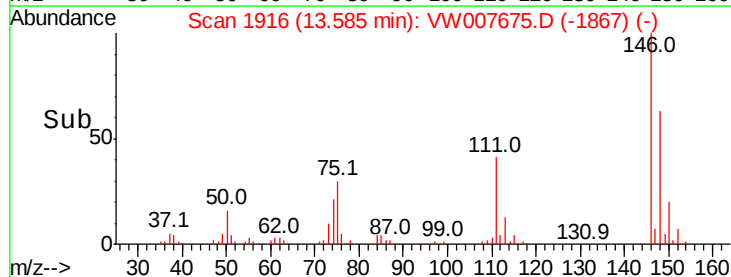
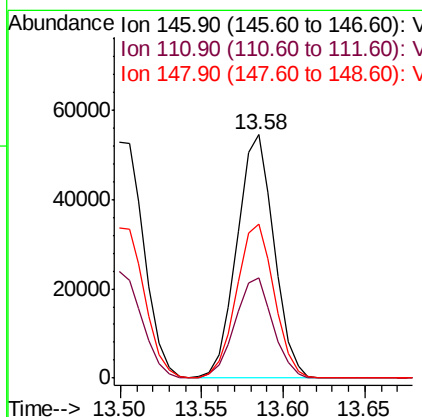
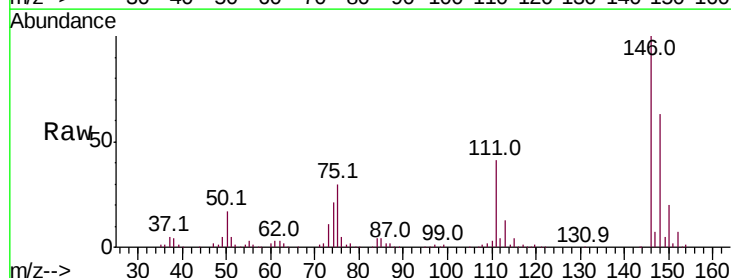
Instrument :
 MSVOA_W
 ClientSampleId :

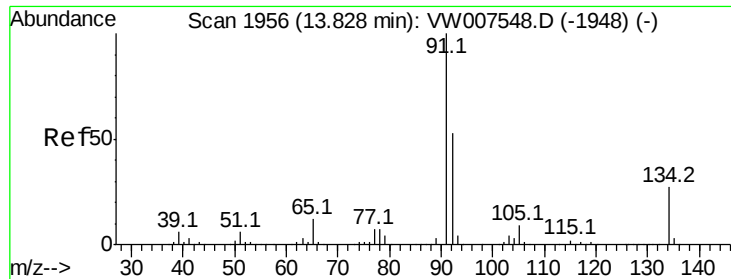
Tot Ion:146 Resp: 86880
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.1 60.3
 148 63.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 52.332 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion:146 Resp: 86481
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 61.0
 148 64.5 33.5 100.5





#89

n-Butylbenzene

Concen: 52.105 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

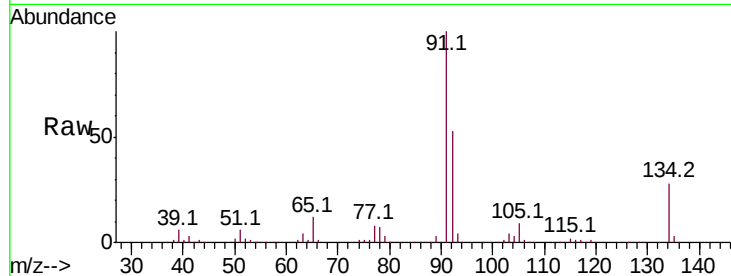
Tot Ion: 91 Resp: 163129

Ion Ratio Lower Upper

91 100

92 52.6 25.7 77.1

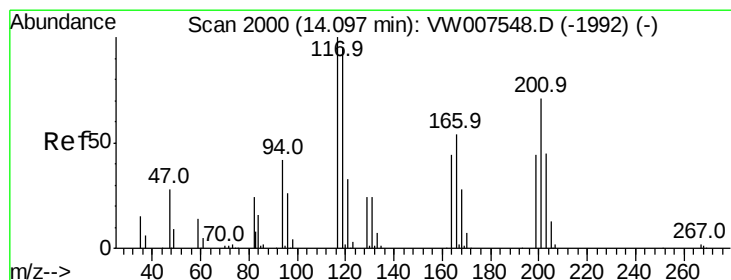
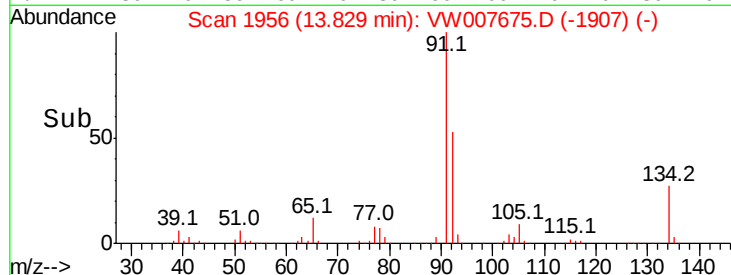
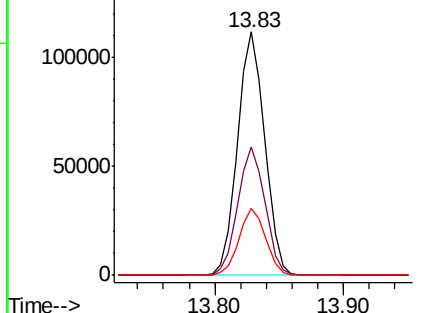
134 26.8 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.122 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007675.D

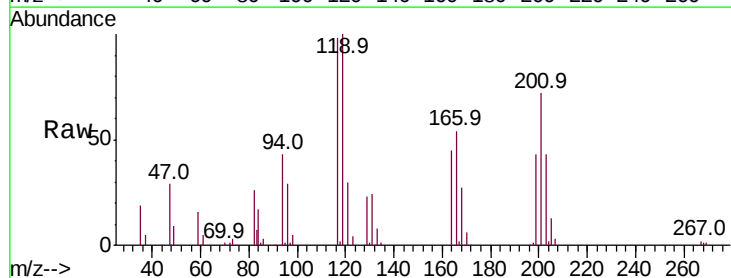
Acq: 19 Dec 2018 00:14

Tgt Ion: 117 Resp: 31921

Ion Ratio Lower Upper

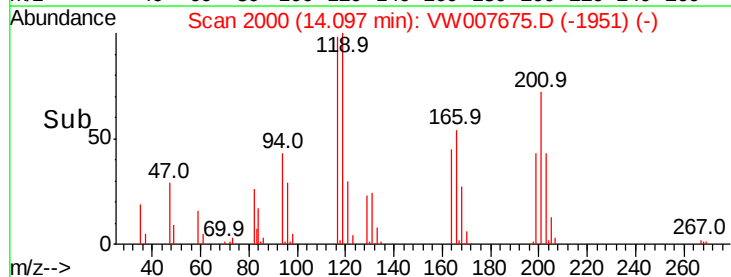
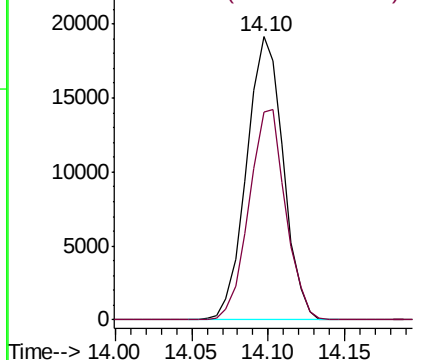
117 100

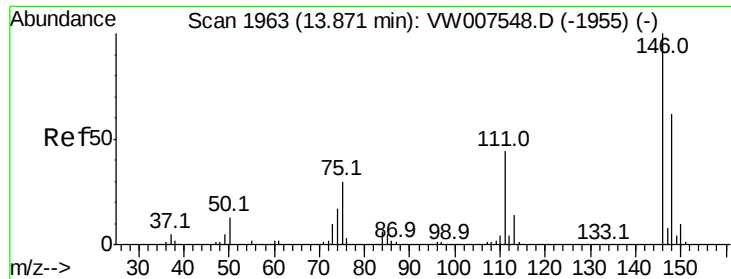
201 74.1 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 54.172 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

Instrument :

MSVOA_W

ClientSampled :

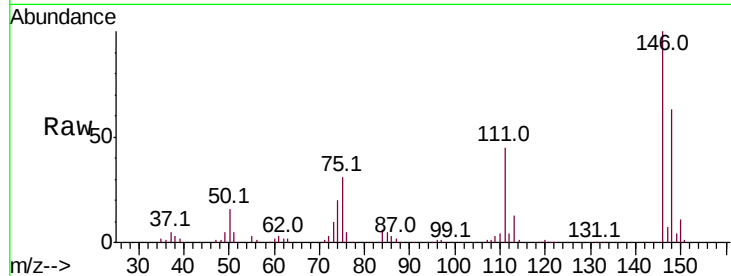
Tot Ion:146 Resp: 79755

Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.2

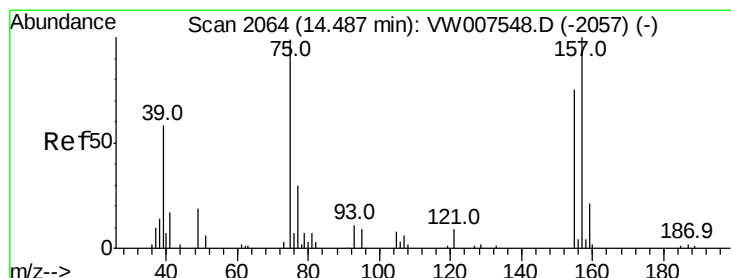
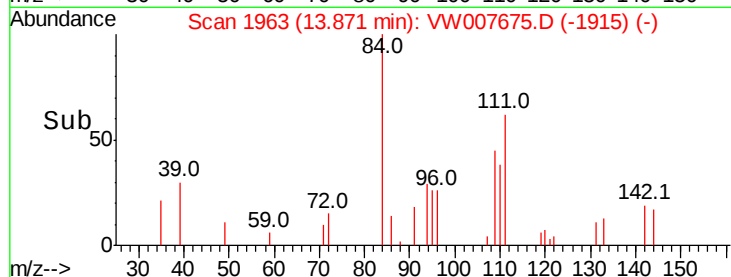
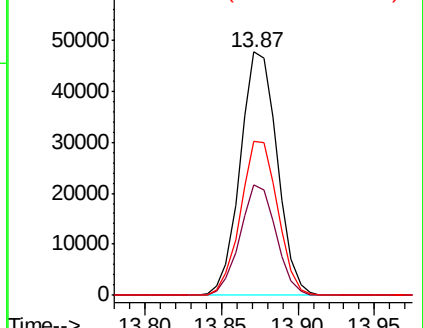
148 63.8 32.4 97.2



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: 59.927 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW007675.D

Acq: 19 Dec 2018 00:14

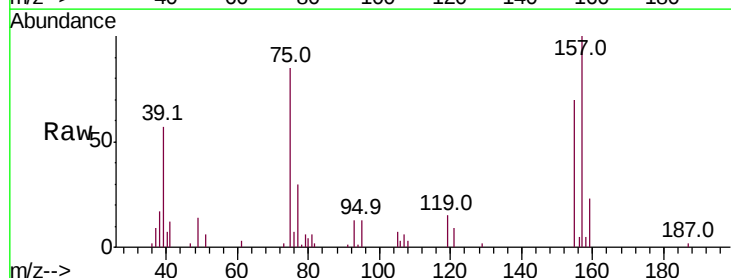
Tgt Ion: 75 Resp: 6625

Ion Ratio Lower Upper

75 100

155 81.3 40.8 122.2

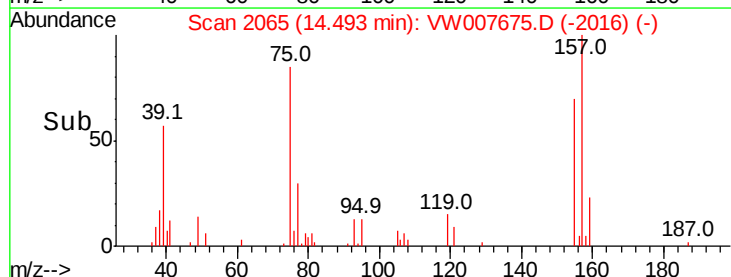
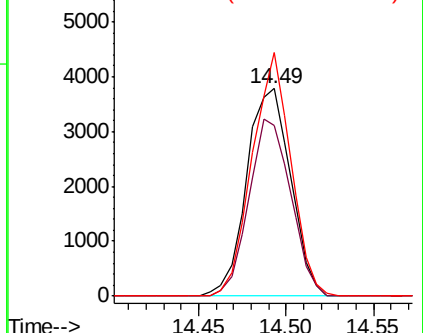
157 103.2 51.1 153.4

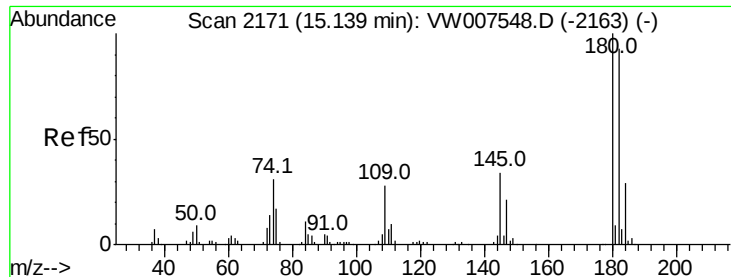


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

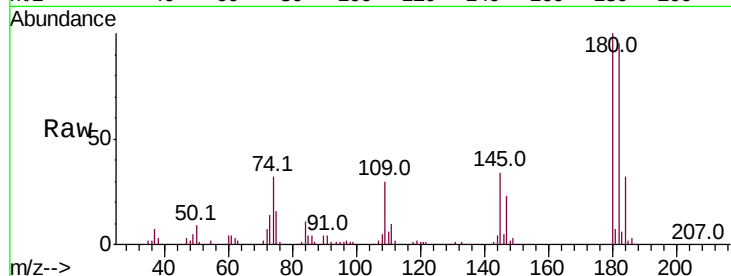




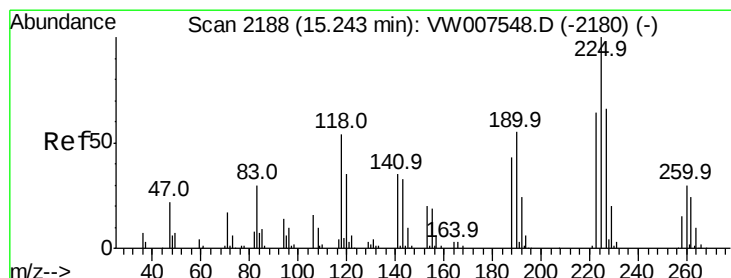
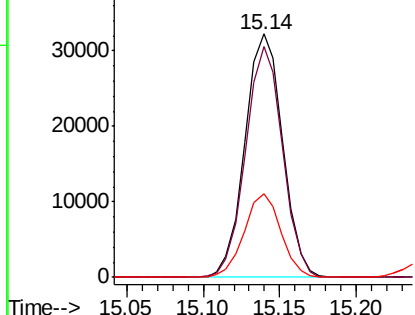
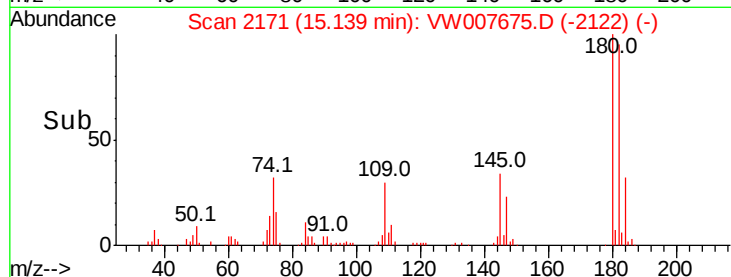
#93
 1,2,4-Trichlorobenzene
 Concen: 54.540 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	49.9	149.6
145	33.5	17.8	53.4

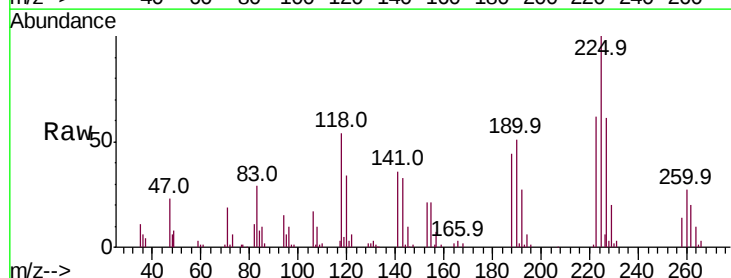


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

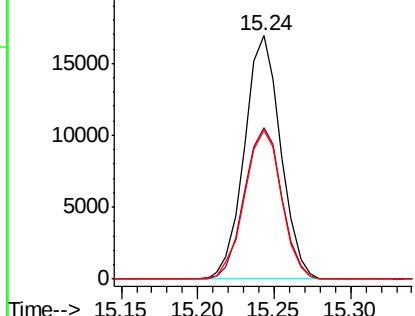
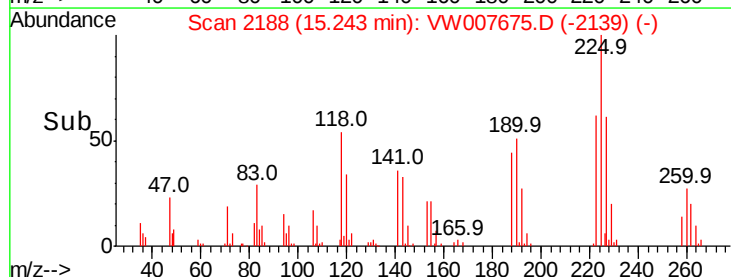


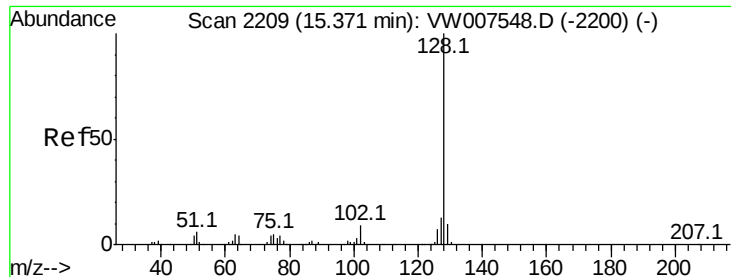
#94
 Hexachlorobutadiene
 Concen: 51.783 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007675.D
 Acq: 19 Dec 2018 00:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.1	96.3
227	62.4	31.9	95.9



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

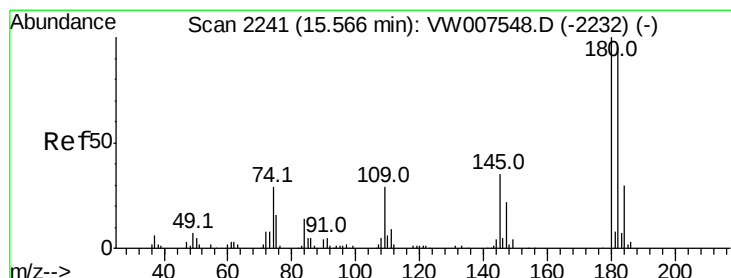
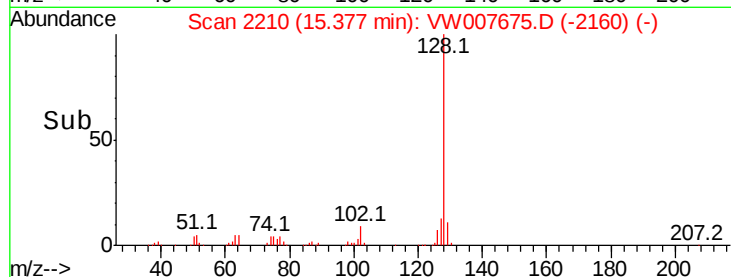
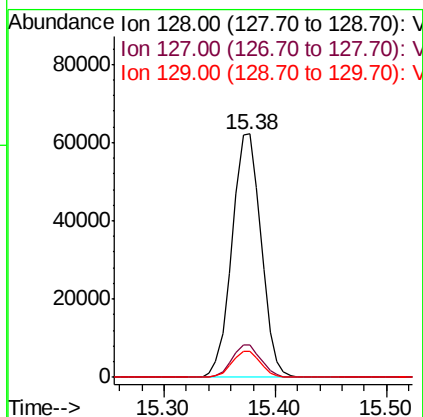
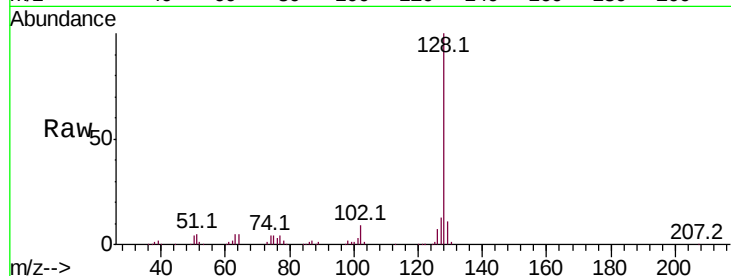




#95
Naphthalene
Concen: 58.064 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 112544
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 55.150 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007675.D
Acq: 19 Dec 2018 00:14

Tgt Ion:180 Resp: 48540
Ion Ratio Lower Upper
180 100
182 92.4 45.6 136.7
145 34.9 17.5 52.5

