

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006706.D
 Acq On : 07 Nov 2018 01:10
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 11:30:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102103	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.88	113	109309	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.32	98	410817	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	151935	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57433	46.594	ug/l	98
3) Chloromethane	2.21	50	74117	48.597	ug/l	98
4) Vinyl Chloride	2.37	62	105524	49.553	ug/l	99
5) Bromomethane	2.78	94	92489	51.752	ug/l	99
6) Chloroethane	2.93	64	76644	51.511	ug/l	98
7) Trichlorofluoromethane	3.26	101	95481	50.774	ug/l	92
8) Diethyl Ether	3.68	74	54245	52.770	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104987	52.282	ug/l	98
10) Methyl Iodide	4.26	142	181115	49.743	ug/l	100
11) Tert butyl alcohol	5.24	59	28739	260.968	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	98821	50.952	ug/l	96
13) Acrolein	3.89	56	29005	209.412	ug/l	98
14) Allyl chloride	4.66	41	134344	53.066	ug/l	99
15) Acrylonitrile	5.38	53	103123	279.781	ug/l	100
16) Acetone	4.15	43	85573	259.320	ug/l	99
17) Carbon Disulfide	4.37	76	284441	51.537	ug/l	99
18) Methyl Acetate	4.68	43	52283	55.099	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	151758	52.567	ug/l	98
20) Methylene Chloride	4.91	84	115058	54.318	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118040	53.786	ug/l	98
22) Diisopropyl ether	6.32	45	291953	55.316	ug/l	98
23) Vinyl Acetate	6.26	43	825041	281.887	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195505	54.656	ug/l	99
25) 2-Butanone	7.18	43	128366	272.608	ug/l	96
26) 2,2-Dichloropropane	7.17	77	111639	51.811	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132841	54.104	ug/l	100
28) Bromochloromethane	7.51	49	75144	52.904	ug/l	98
29) Tetrahydrofuran	7.54	42	82427	278.306	ug/l	99
30) Chloroform	7.68	83	215026	54.829	ug/l	99
31) Cyclohexane	7.95	56	156745	48.146	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176931	53.316	ug/l	100
36) 1,1-Dichloropropene	8.09	75	161068	53.787	ug/l	99
37) Ethyl Acetate	7.26	43	58353	56.231	ug/l	99
38) Carbon Tetrachloride	8.07	117	170197	54.392	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199449	52.484	ug/l	99
40) Benzene	8.32	78	472032	55.496	ug/l	99
41) Methacrylonitrile	7.49	41	37265	58.562	ug/l	98
42) 1,2-Dichloroethane	8.40	62	133794	54.849	ug/l	100
43) Isopropyl Acetate	8.43	43	116553	56.284	ug/l	99
44) Trichloroethene	9.09	130	142246	54.195	ug/l	99
45) 1,2-Dichloropropane	9.37	63	112251	56.709	ug/l	100
46) Dibromomethane	9.46	93	65550	56.335	ug/l	99
47) Bromodichloromethane	9.65	83	156992	58.108	ug/l	100
48) Methyl methacrylate	9.44	41	56547	56.677	ug/l	97
49) 1,4-Dioxane	9.48	88	19694	1156.515	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	304981	286.765	ug/l	100
52) Toluene	10.39	92	314867	55.193	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	151268	58.176	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174001	56.629	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94890	57.476	ug/l	96
56) Ethyl methacrylate	10.65	69	107897	57.500	ug/l	97
57) 1,3-Dichloropropane	10.93	76	151493	56.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248603	272.542	ug/l	99
59) 2-Hexanone	10.97	43	206200	285.463	ug/l	100
60) Dibromochloromethane	11.13	129	115933	59.269	ug/l	100
61) 1,2-Dibromoethane	11.24	107	93030	56.743	ug/l	99
64) Tetrachloroethene	10.87	164	135930	52.566	ug/l	98
65) Chlorobenzene	11.66	112	371733	54.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	133768	55.753	ug/l	99
67) Ethyl Benzene	11.73	91	621889	54.505	ug/l	99
68) m/p-Xylenes	11.84	106	501823	110.086	ug/l	99
69) o-Xylene	12.17	106	240480	55.413	ug/l	100
70) Styrene	12.18	104	399349	56.443	ug/l	99
71) Bromoform	12.35	173	74237	58.370	ug/l #	99
73) Isopropylbenzene	12.47	105	652402	52.837	ug/l	100
74) N-amyl acetate	12.27	43	117343	54.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	107807	55.281	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	135084	92.370	ug/l #	100
77) Bromobenzene	12.75	156	171729	53.718	ug/l	100
78) n-propylbenzene	12.81	91	760871	53.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	434915	53.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	555691	53.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29228	51.664	ug/l	100
82) 4-Chlorotoluene	12.99	91	465257	53.955	ug/l	100
83) tert-Butylbenzene	13.21	119	498784	53.919	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	575263	54.066	ug/l	100
85) sec-Butylbenzene	13.39	105	697425	53.830	ug/l	100
86) p-Isopropyltoluene	13.51	119	635286	53.888	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342327	54.373	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	339389	54.383	ug/l	100
89) n-Butylbenzene	13.83	91	568959	54.368	ug/l	100
90) Hexachloroethane	14.10	117	108701	56.102	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	305797	53.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16897	53.398	ug/l	98

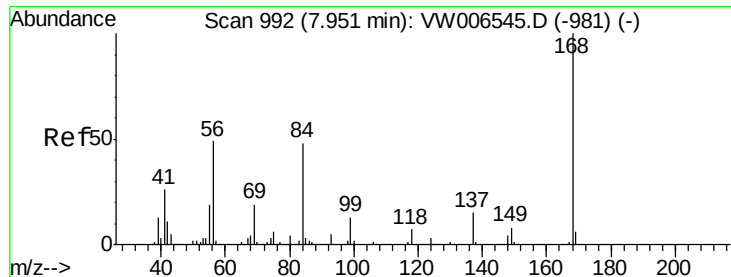
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	223313	53.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	135707	51.707	ug/l	100
95) Naphthalene	15.38	128	371952	54.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	197214	53.287	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

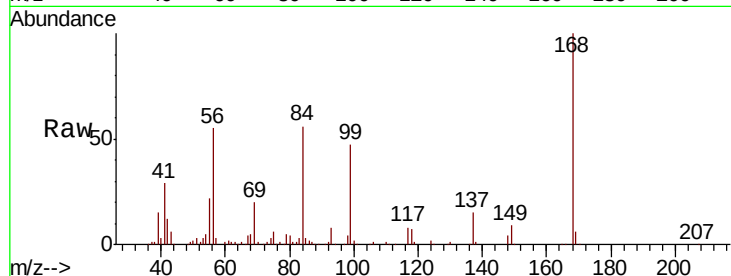
VSTDCCC050

Tot Ion:168 Resp: 237777

Ion Ratio Lower Upper

168 100

99 47.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

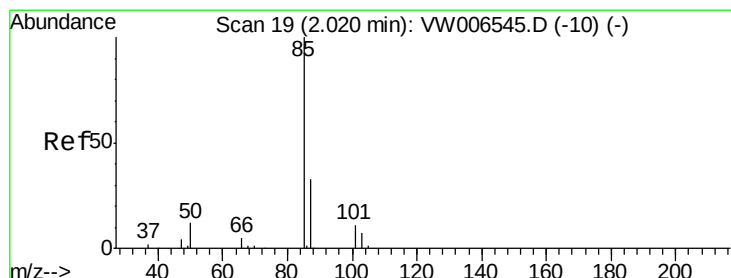
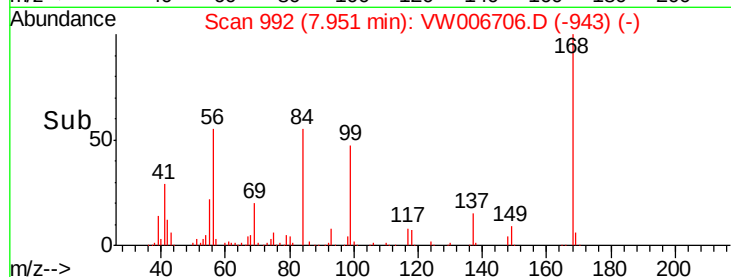
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.594 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006706.D

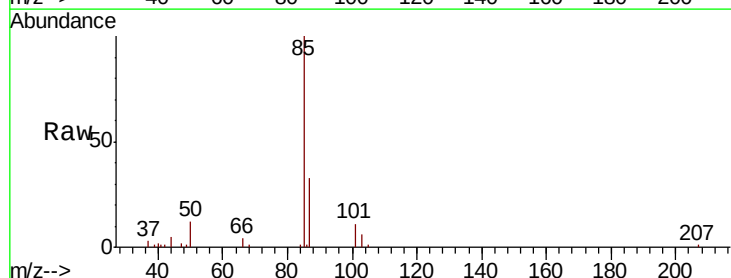
Acq: 07 Nov 2018 01:10

Tgt Ion: 85 Resp: 57433

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

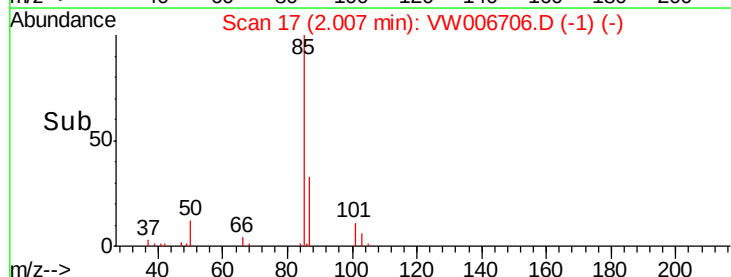
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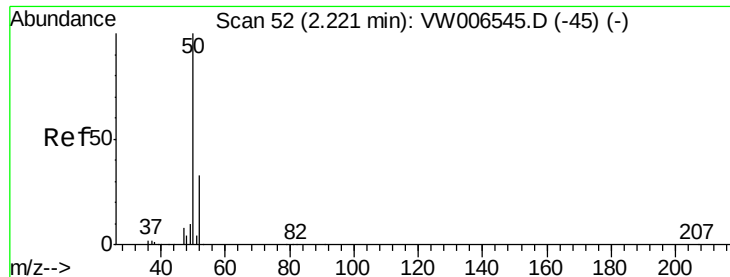
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 48.597 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

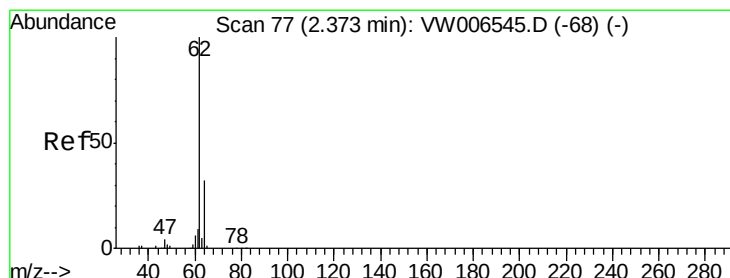
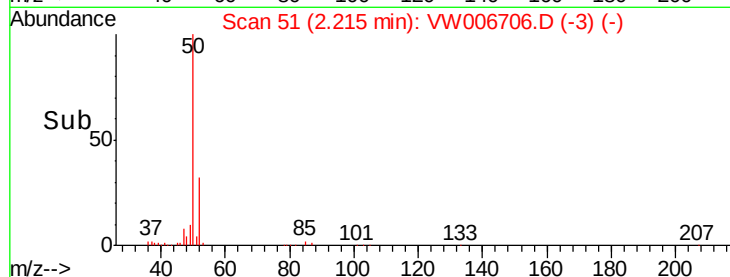
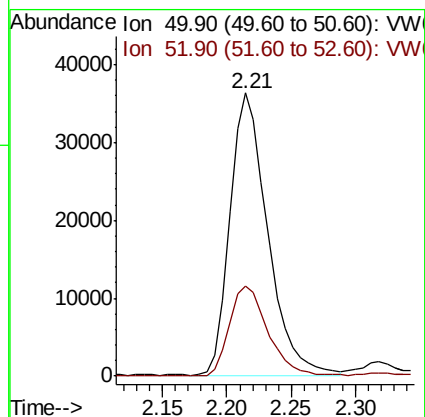
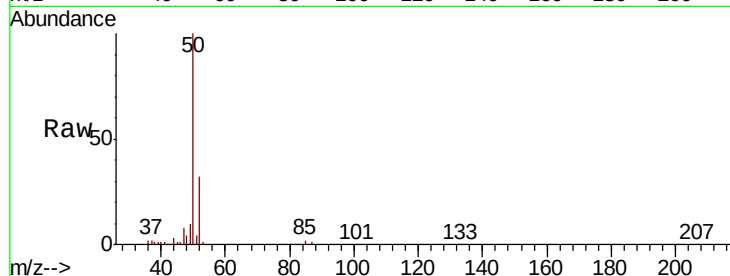
VSTDCCC050

Tot Ion: 50 Resp: 74117

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.4



#4

Vinyl Chloride

Concen: 49.553 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006706.D

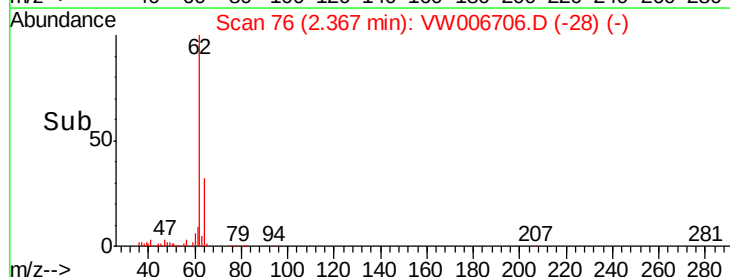
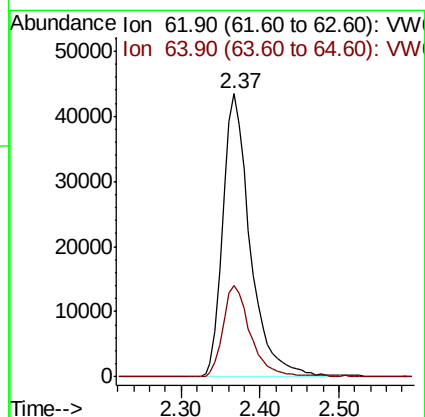
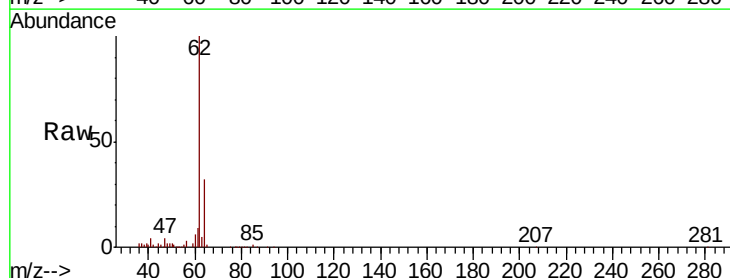
Acq: 07 Nov 2018 01:10

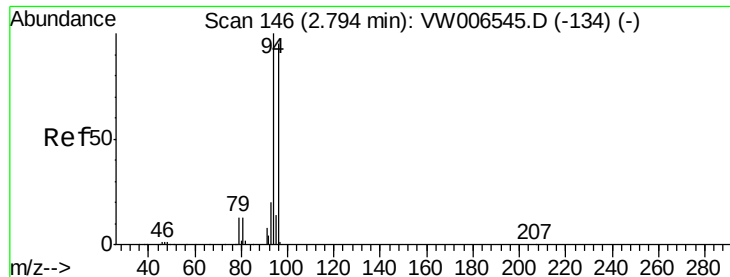
Tgt Ion: 62 Resp: 105524

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 51.752 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

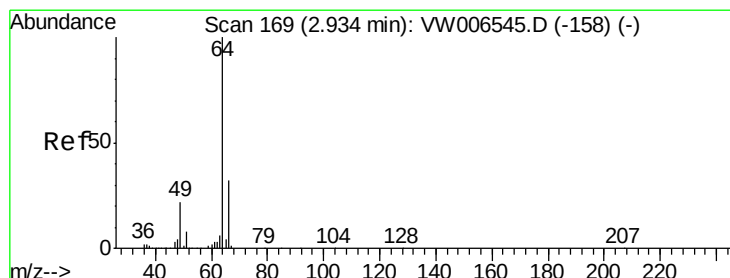
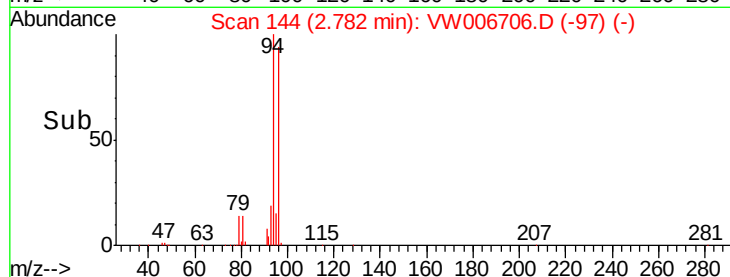
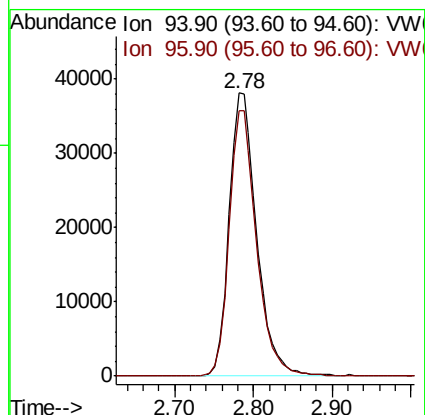
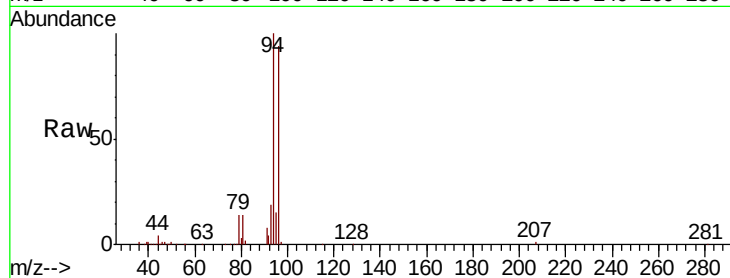
VSTDCCC050

Tot Ion: 94 Resp: 92489

Ion Ratio Lower Upper

94 100

96 93.7 75.7 113.5



#6

Chloroethane

Concen: 51.511 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006706.D

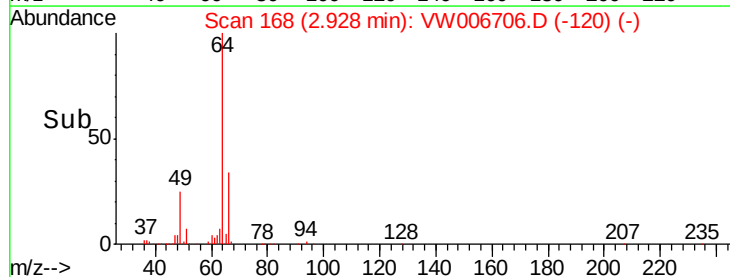
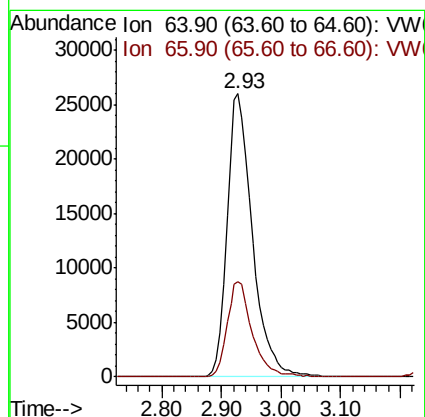
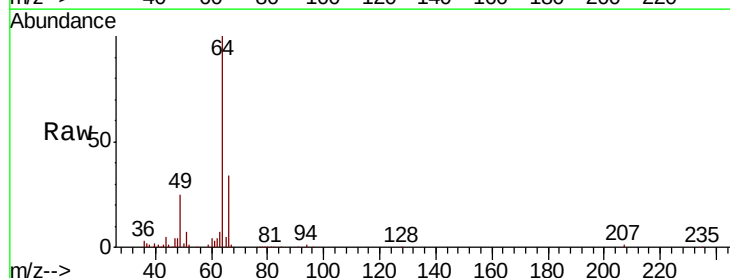
Acq: 07 Nov 2018 01:10

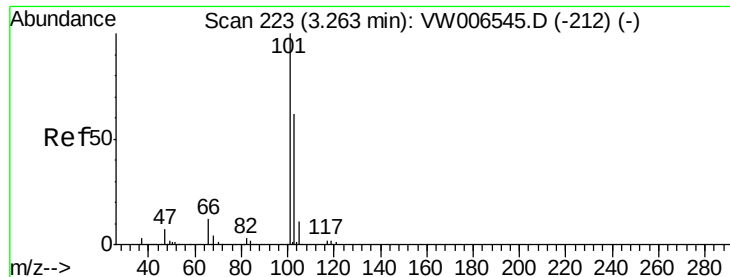
Tgt Ion: 64 Resp: 76644

Ion Ratio Lower Upper

64 100

66 33.6 25.9 38.9



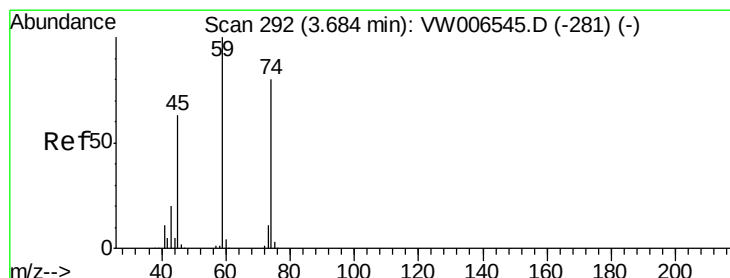
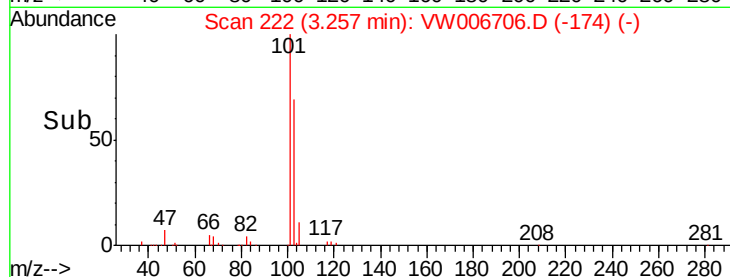
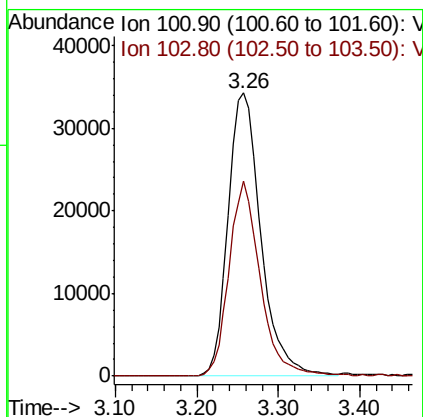
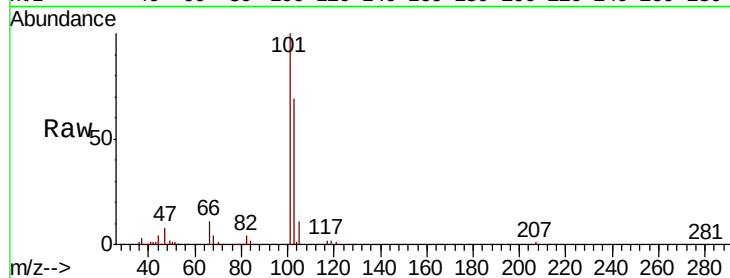


#7

Trichlorofluoromethane
 Concen: 50.774 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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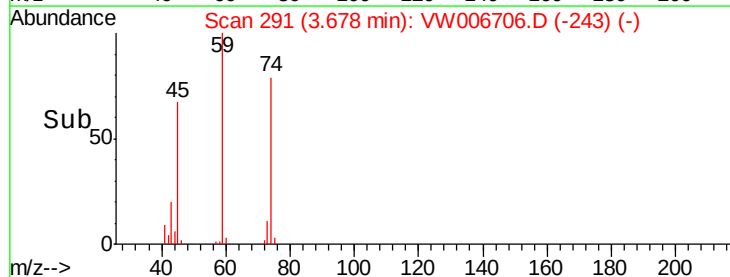
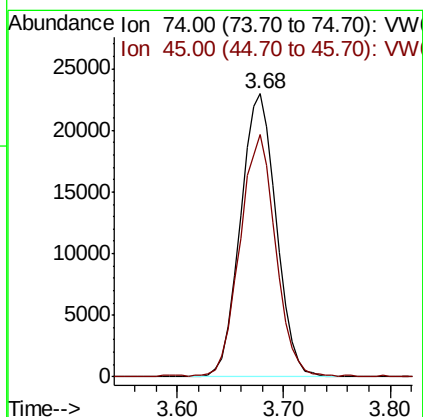
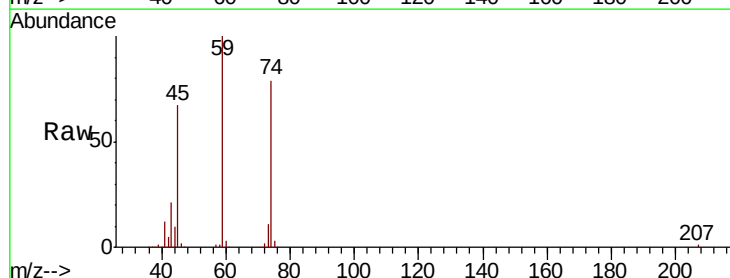
Tot Ion:101 Resp: 95481
 Ion Ratio Lower Upper
 101 100
 103 68.8 49.8 74.8

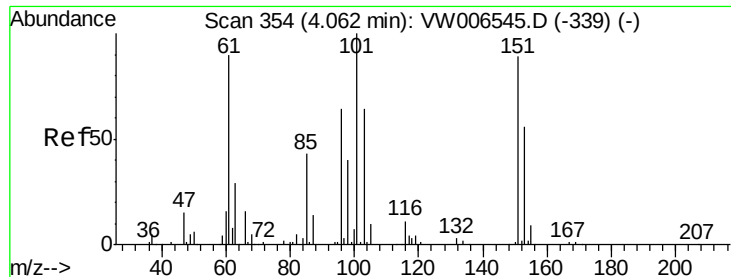


#8

Diethyl Ether
 Concen: 52.770 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 74 Resp: 54245
 Ion Ratio Lower Upper
 74 100
 45 84.3 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.282 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

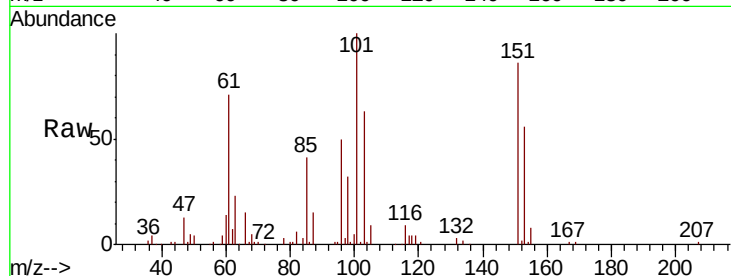
Tot Ion:101 Resp: 104987

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.2

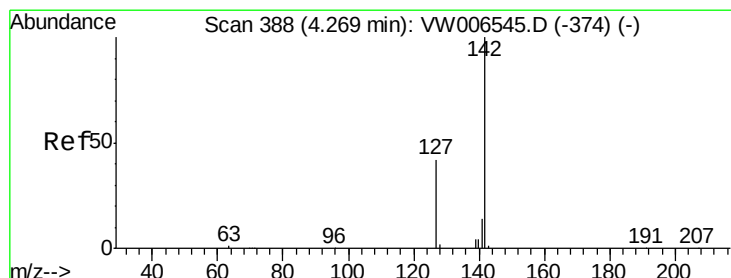
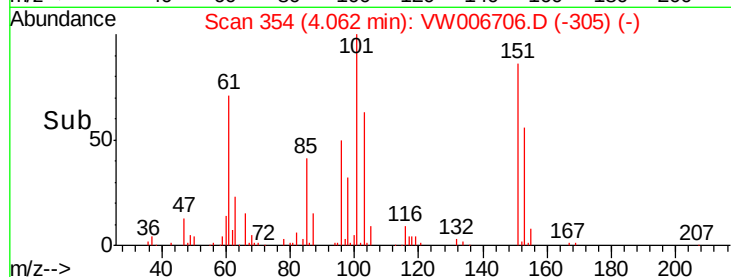
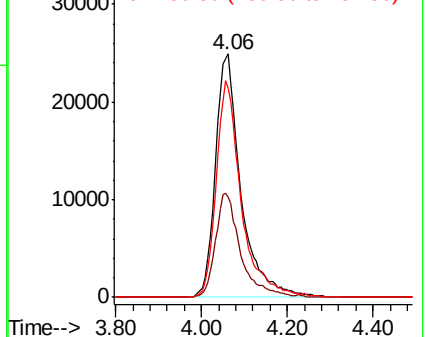
151 86.8 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.743 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

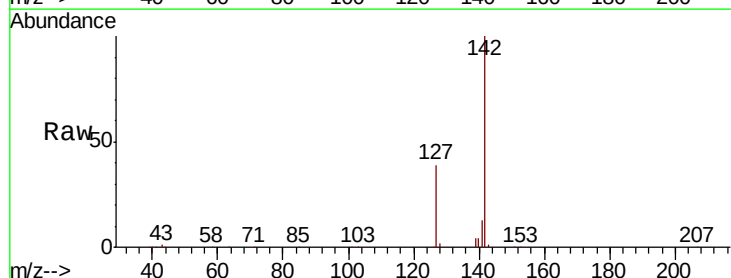
Tgt Ion:142 Resp: 181115

Ion Ratio Lower Upper

142 100

127 40.7 32.3 48.5

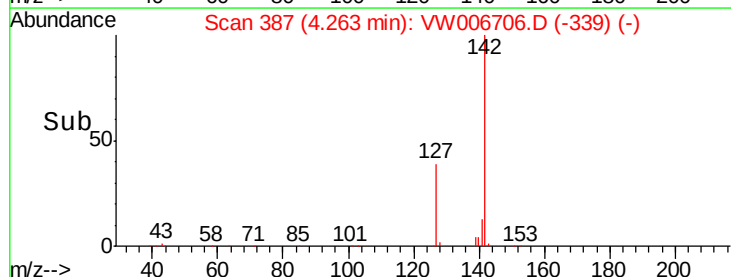
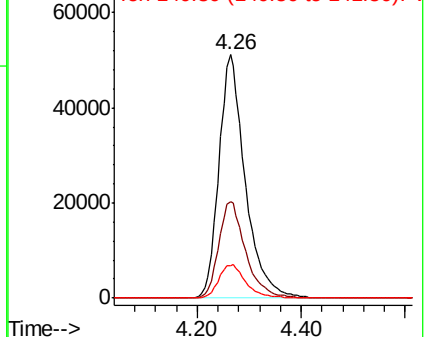
141 14.1 11.3 16.9

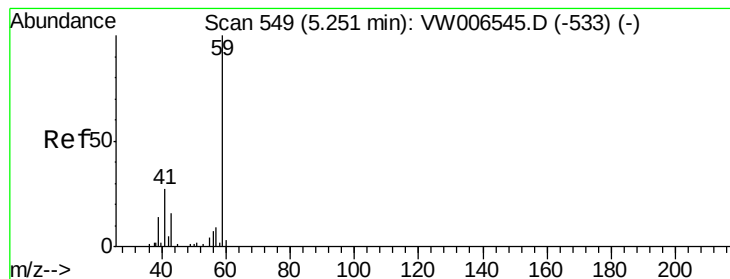


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



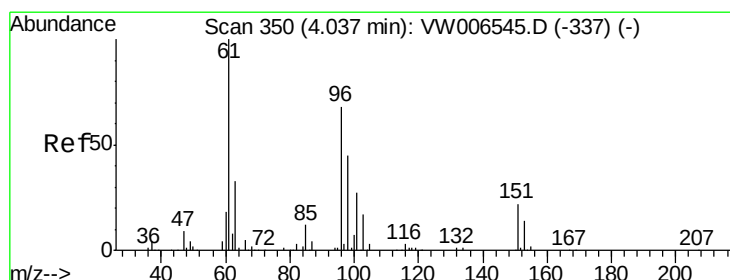
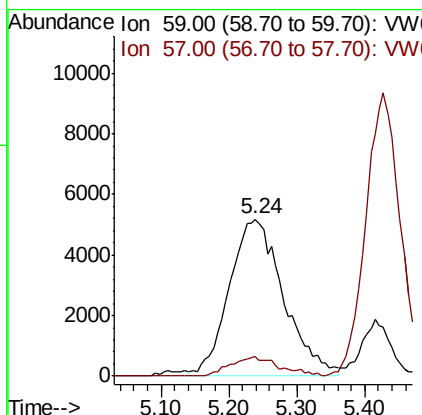
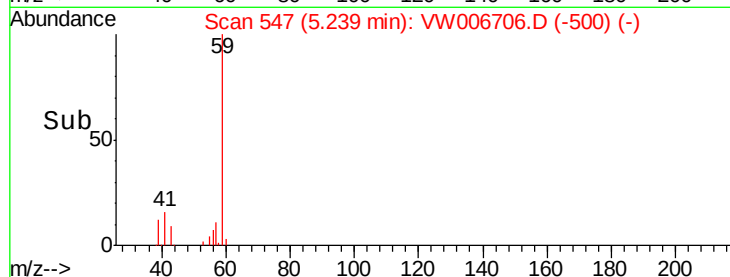
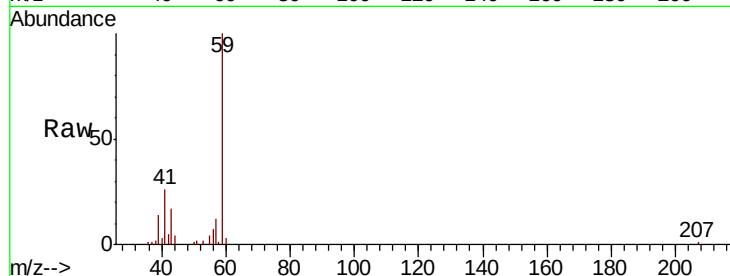


#11

Tert butyl alcohol
 Concen: 260.968 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

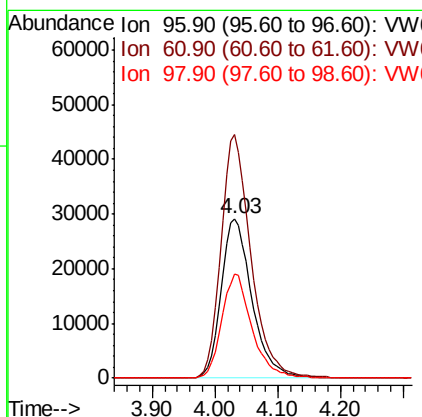
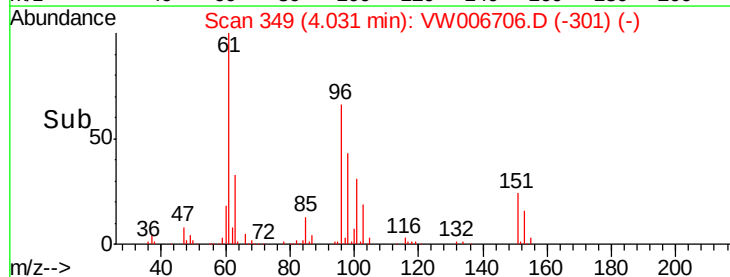
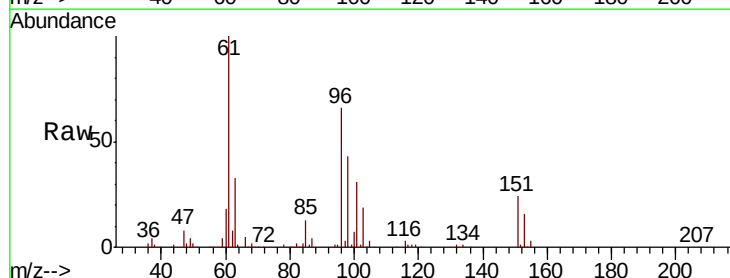
Tot Ion: 59 Resp: 28739
 Ion Ratio Lower Upper
 59 100
 57 11.2 4.3 6.5#

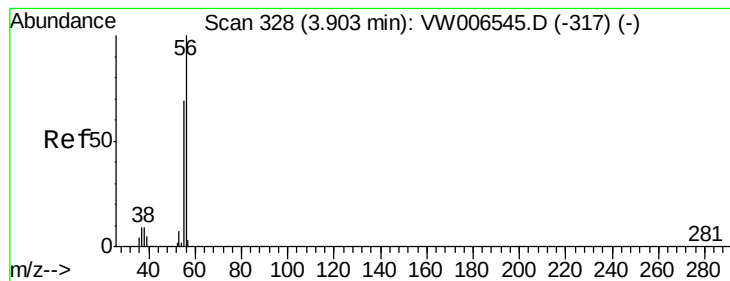


#12

1,1-Dichloroethene
 Concen: 50.952 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 96 Resp: 98821
 Ion Ratio Lower Upper
 96 100
 61 152.5 117.0 175.4
 98 64.9 52.5 78.7





#13

Acrolein

Concen: 209.412 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

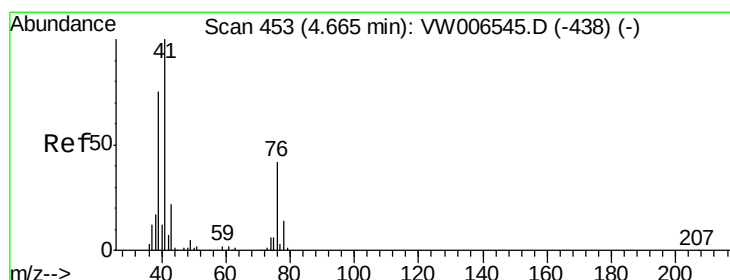
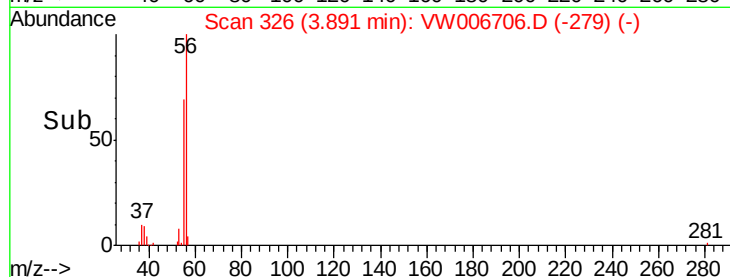
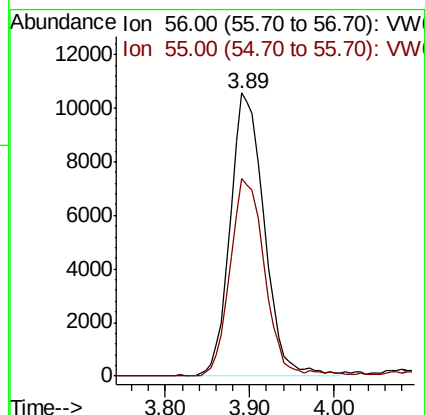
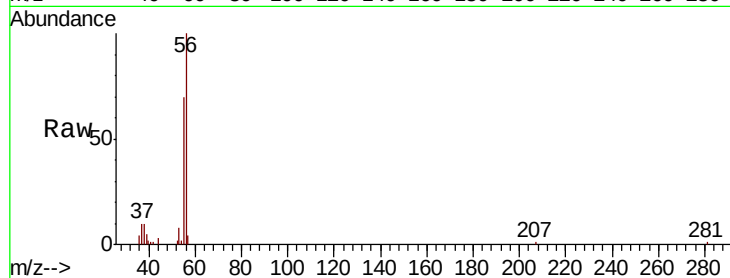
VSTDCCC050

Tot Ion: 56 Resp: 29005

Ion Ratio Lower Upper

56 100

55 69.8 56.9 85.3



#14

Allyl chloride

Concen: 53.066 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

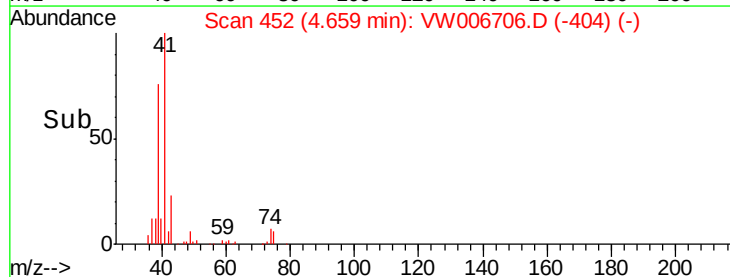
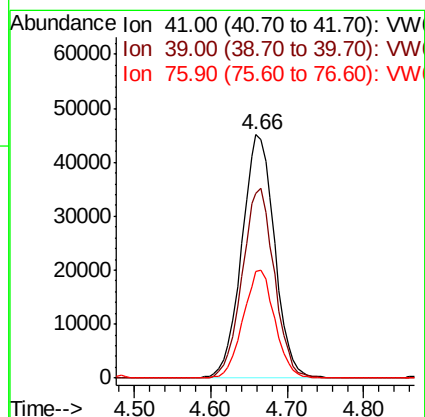
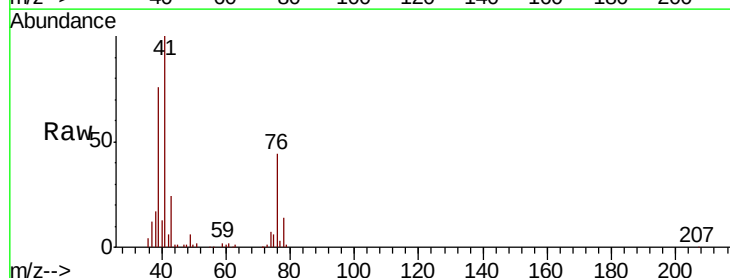
Tgt Ion: 41 Resp: 134344

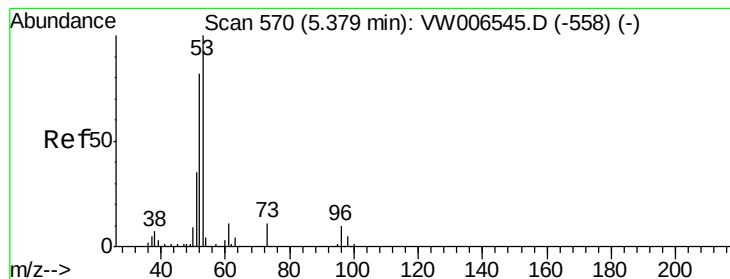
Ion Ratio Lower Upper

41 100

39 76.4 62.1 93.1

76 42.9 34.2 51.2





#15

Acrylonitrile

Concen: 279.781 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

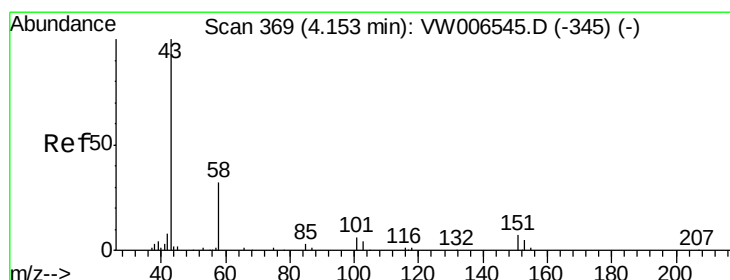
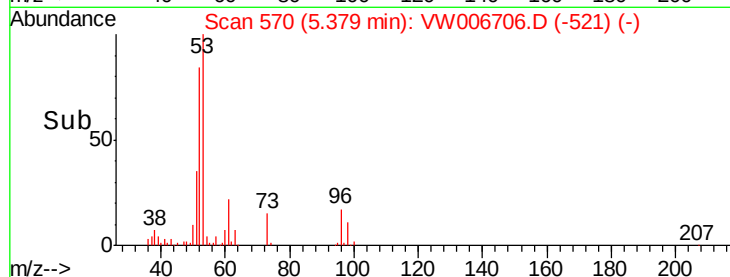
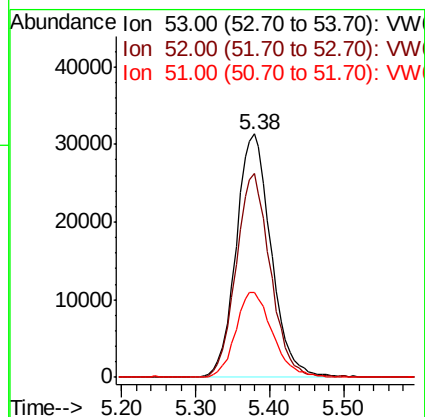
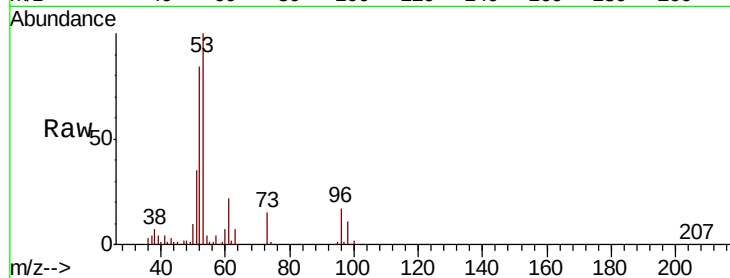
Tot Ion: 53 Resp: 103123

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.8

51 37.0 29.6 44.4



#16

Acetone

Concen: 259.320 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006706.D

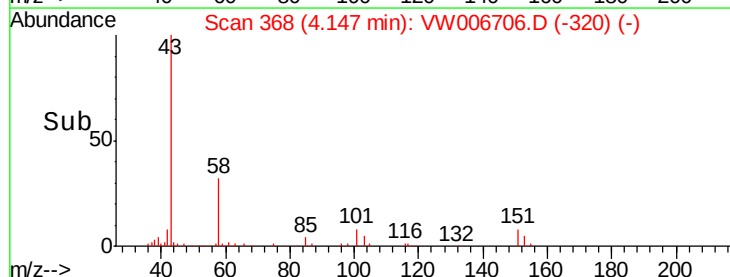
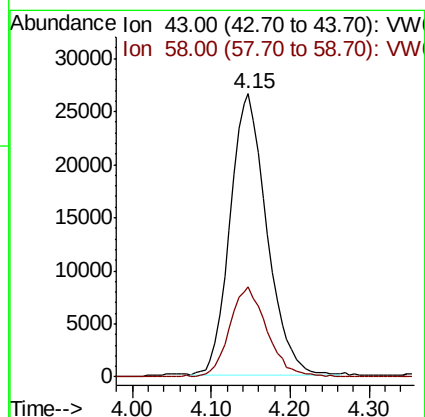
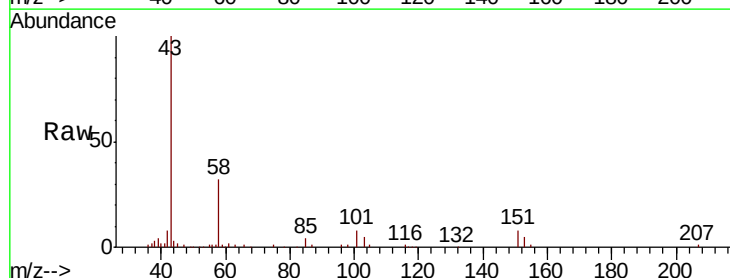
Acq: 07 Nov 2018 01:10

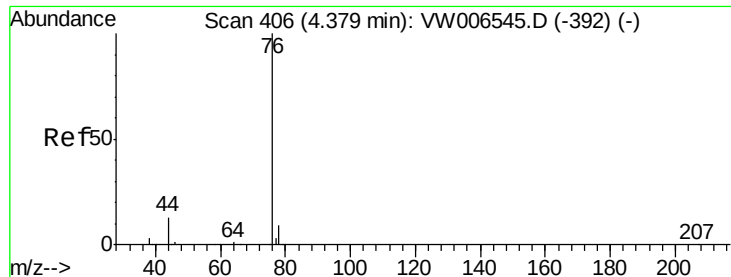
Tgt Ion: 43 Resp: 85573

Ion Ratio Lower Upper

43 100

58 31.9 25.8 38.8





#17

Carbon Disulfide

Concen: 51.537 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

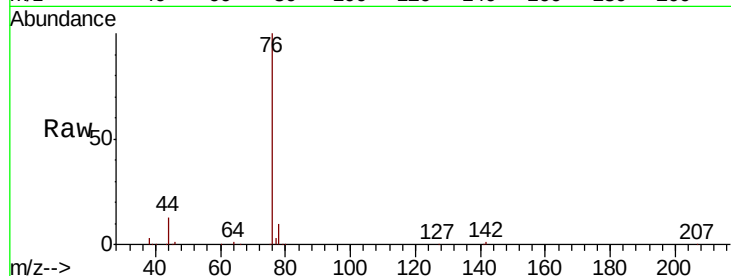
VSTDCCC050

Tot Ion: 76 Resp: 284441

Ion Ratio Lower Upper

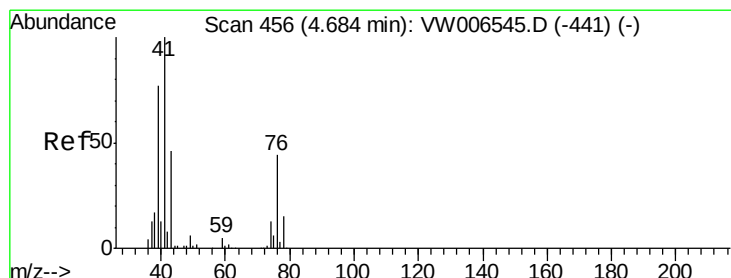
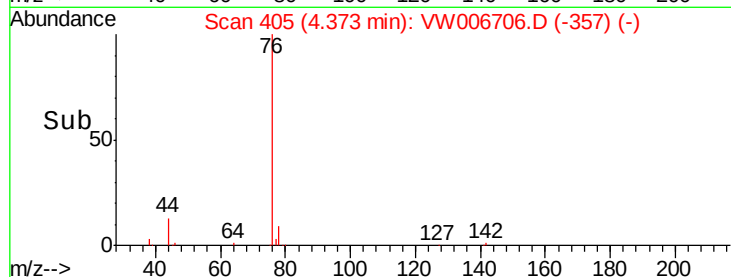
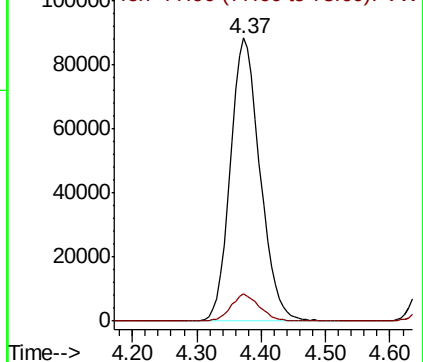
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 55.099 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006706.D

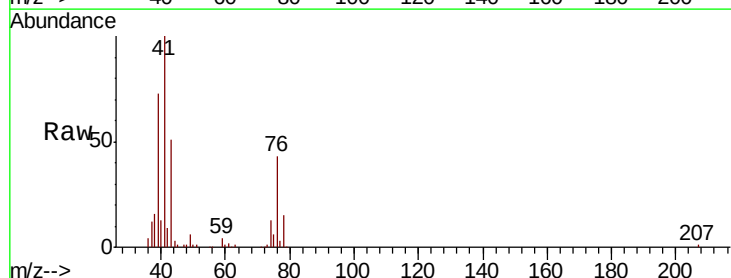
Acq: 07 Nov 2018 01:10

Tgt Ion: 43 Resp: 52283

Ion Ratio Lower Upper

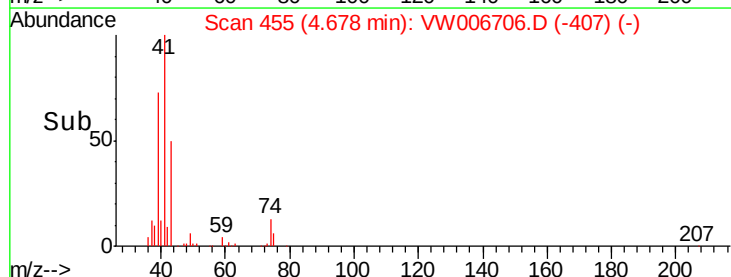
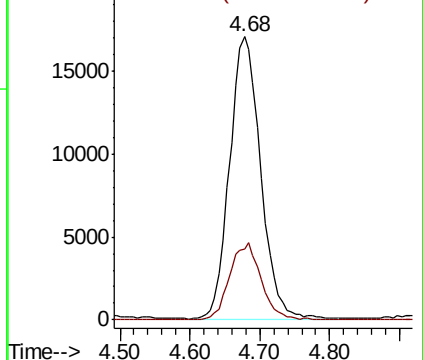
43 100

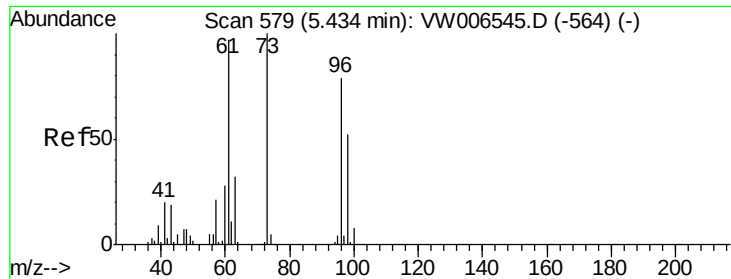
74 27.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



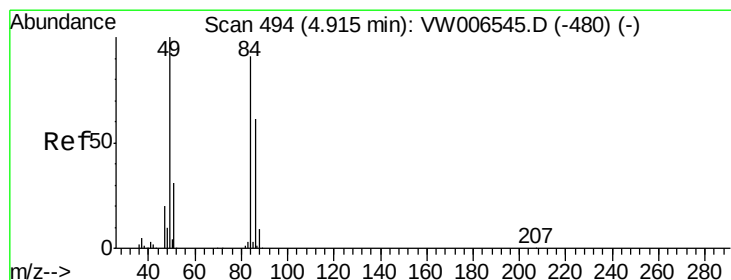
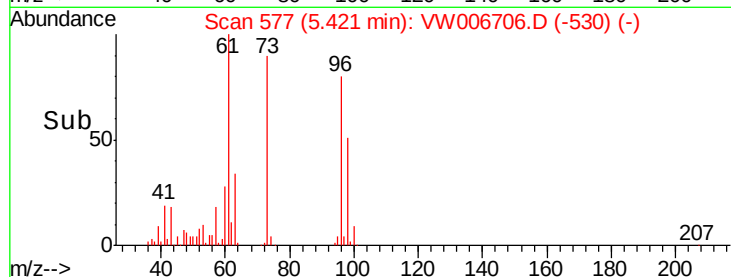
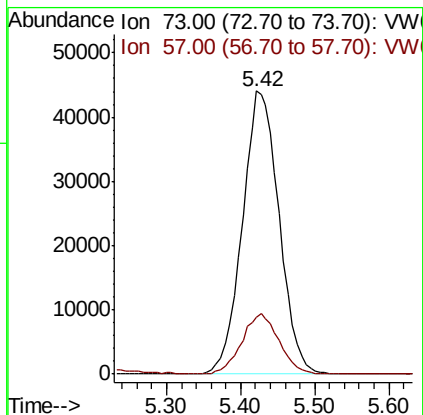
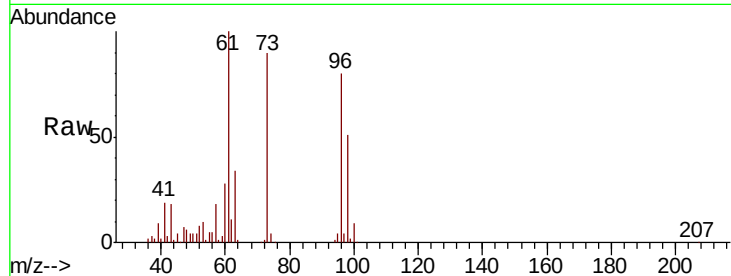


#19

Methyl tert-butyl Ether
 Concen: 52.567 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

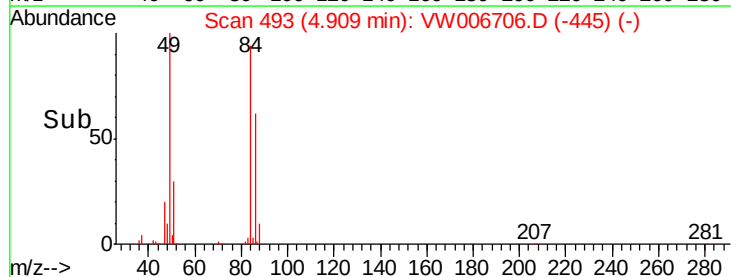
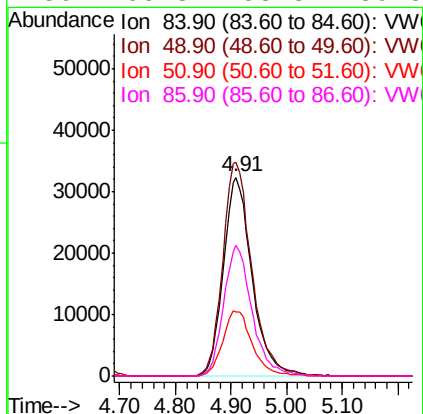
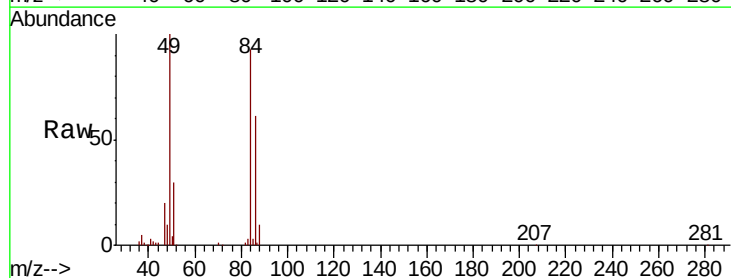
Tot Ion: 73 Resp: 151758
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.7 25.1

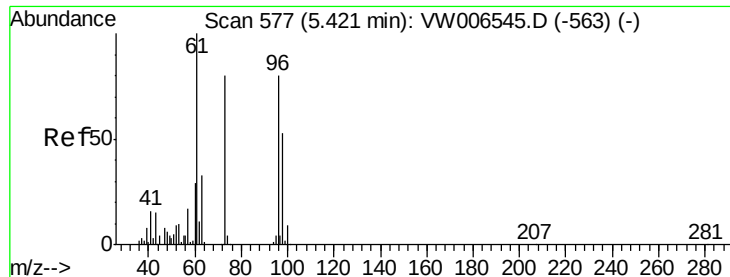


#20

Methylene Chloride
 Concen: 54.318 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 84 Resp: 115058
 Ion Ratio Lower Upper
 84 100
 49 107.4 88.2 132.4
 51 32.1 27.0 40.6
 86 65.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 53.786 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

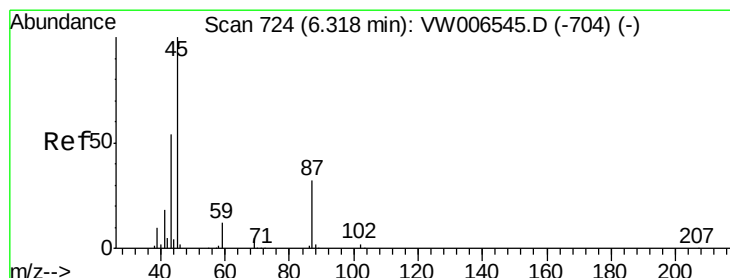
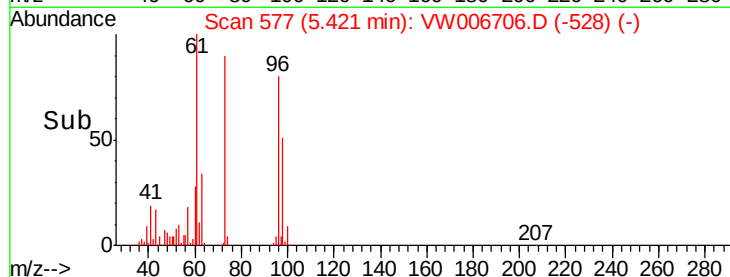
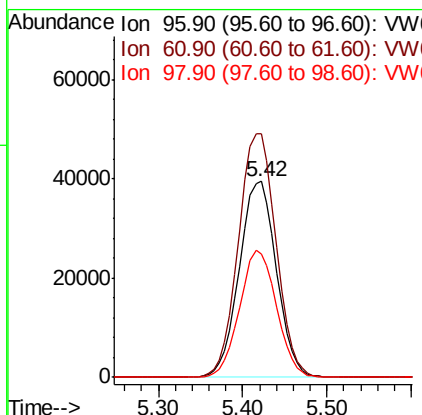
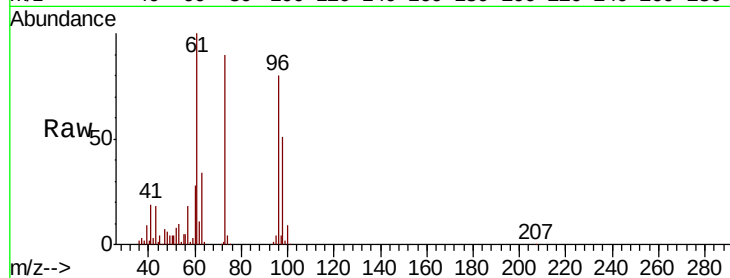
Tot Ion: 96 Resp: 118040

Ion Ratio Lower Upper

96 100

61 124.4 100.6 150.8

98 63.2 52.9 79.3



#22

Diisopropyl ether

Concen: 55.316 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion: 45 Resp: 291953

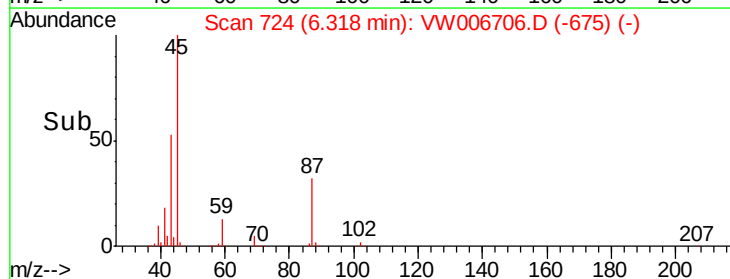
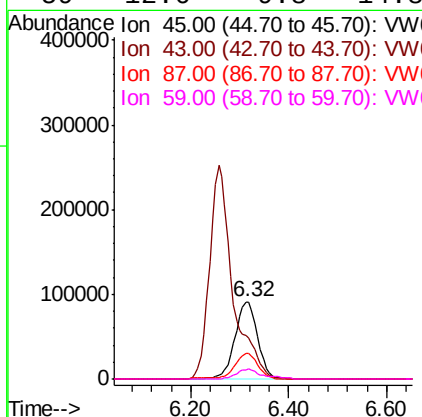
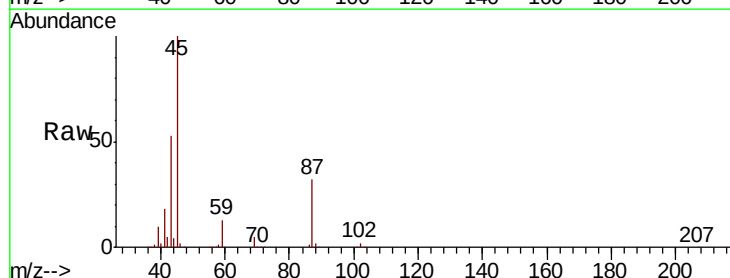
Ion Ratio Lower Upper

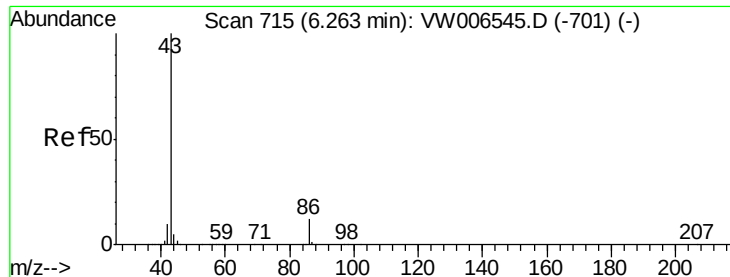
45 100

43 52.7 43.6 65.4

87 32.4 26.3 39.5

59 12.6 9.8 14.8





#23

Vinyl Acetate

Concen: 281.887 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

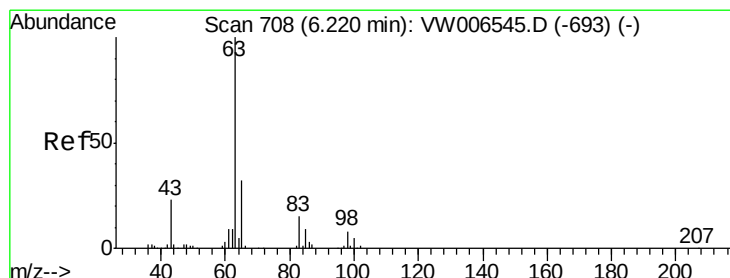
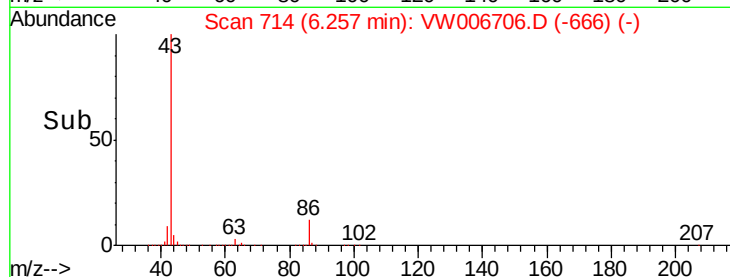
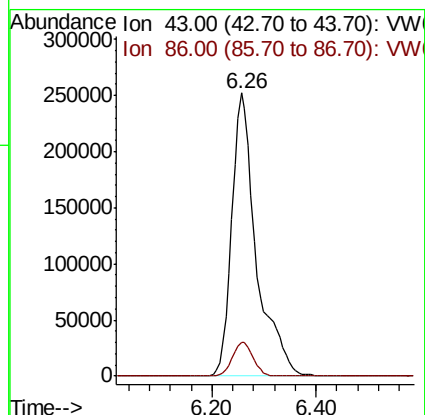
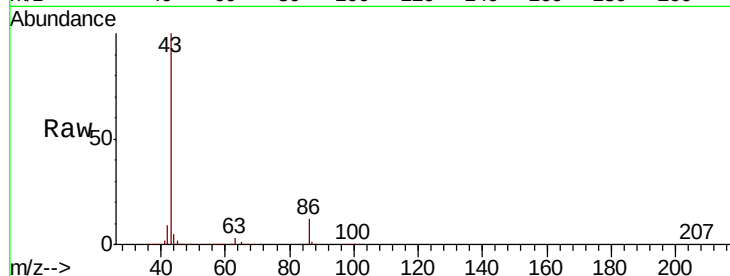
VSTDCCC050

Tot Ion: 43 Resp: 825041

Ion Ratio Lower Upper

43 100

86 11.9 9.8 14.8



#24

1,1-Dichloroethane

Concen: 54.656 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

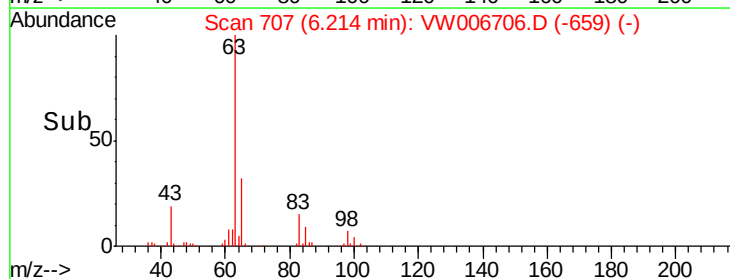
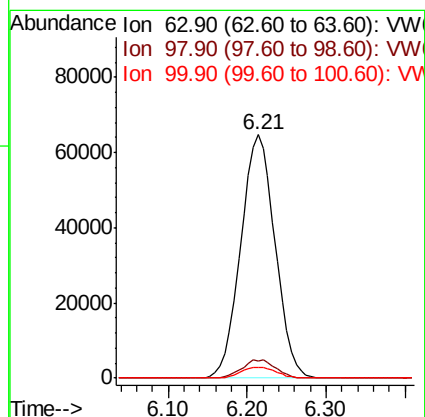
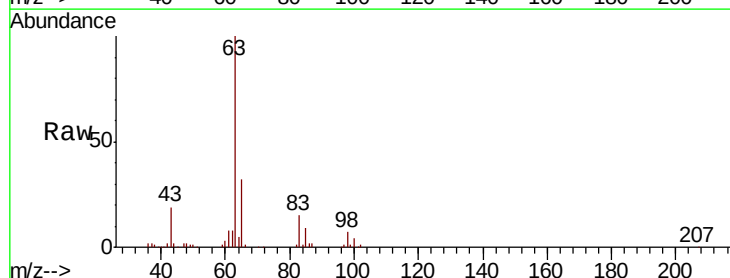
Tgt Ion: 63 Resp: 195505

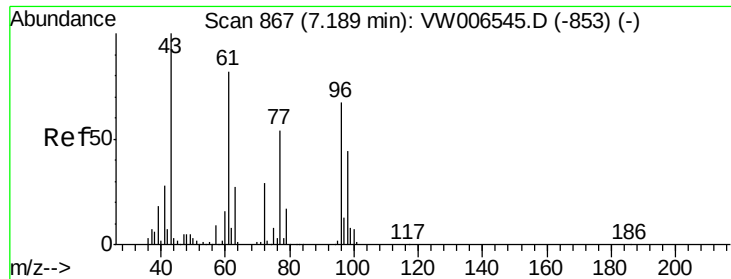
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.4 2.4 7.2

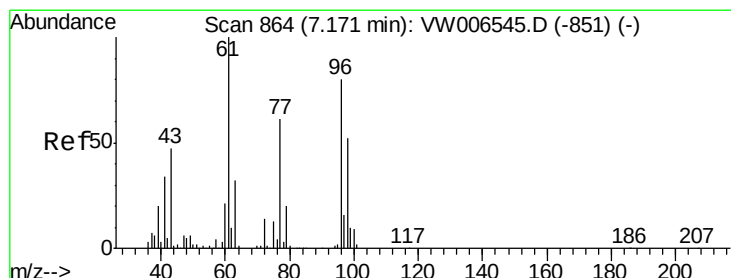
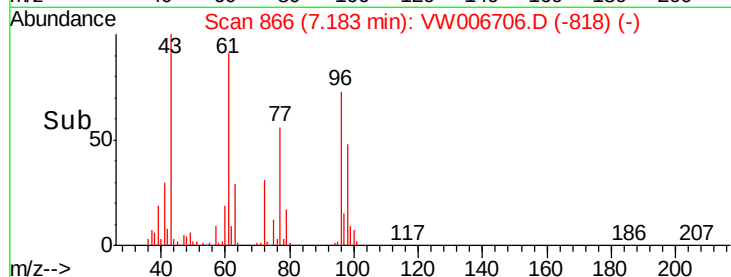
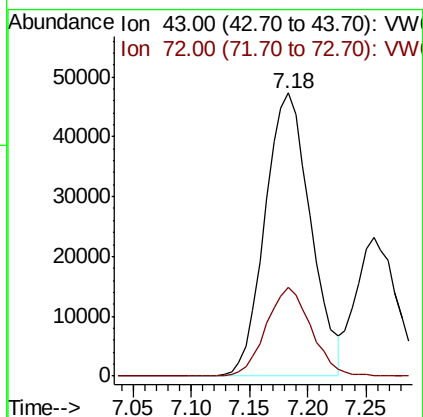
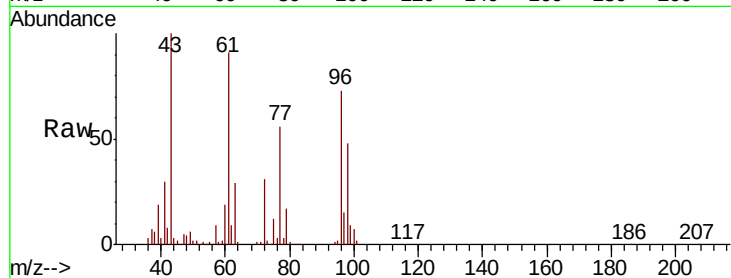




#25
 2-Butanone
 Concen: 272.608 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

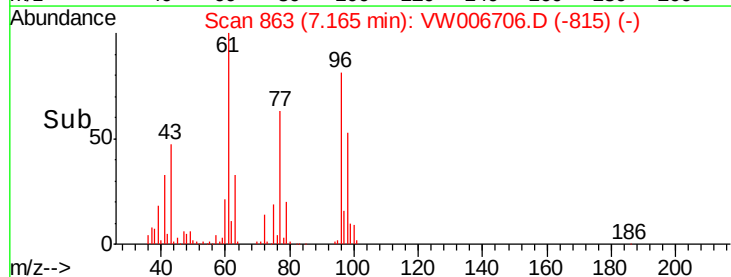
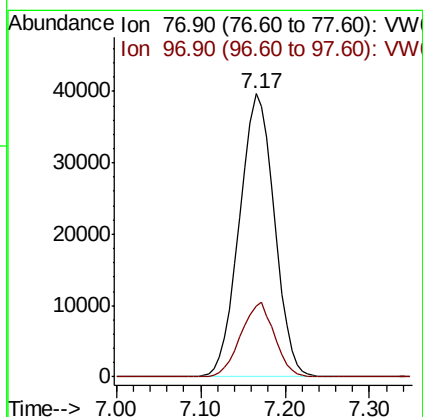
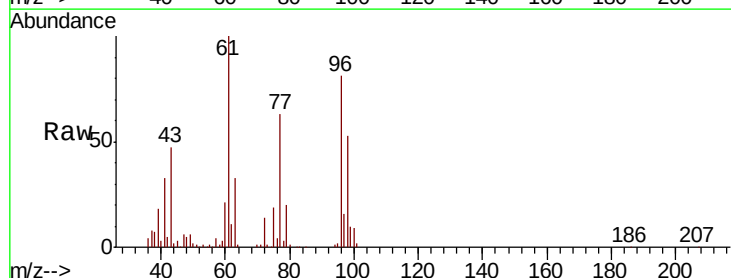
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

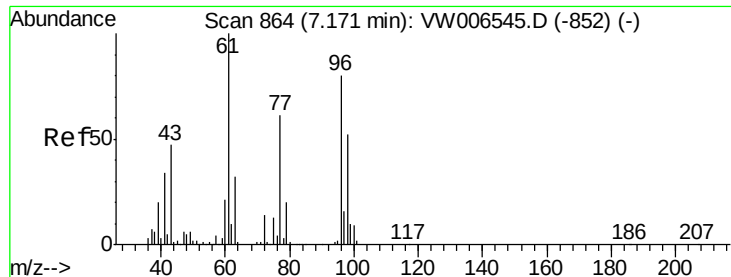
Tot Ion: 43 Resp: 128366
 Ion Ratio Lower Upper
 43 100
 72 31.2 23.2 34.8



#26
 2,2-Dichloropropane
 Concen: 51.811 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 77 Resp: 111639
 Ion Ratio Lower Upper
 77 100
 97 25.3 12.8 38.4



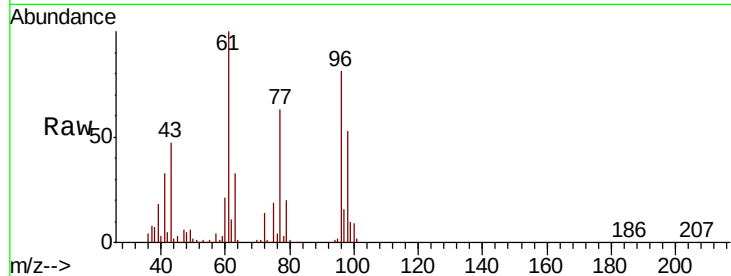


#27

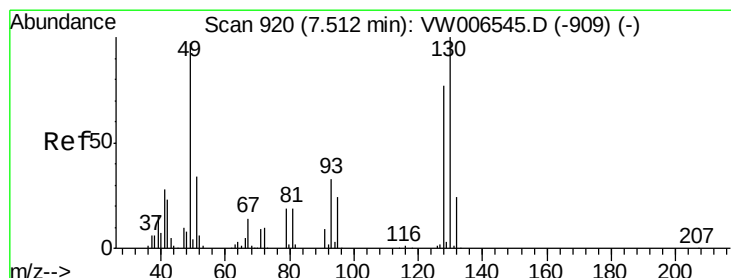
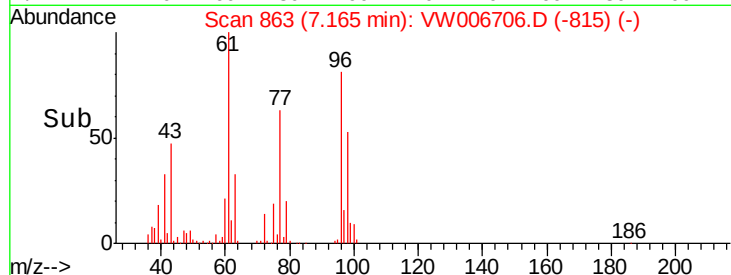
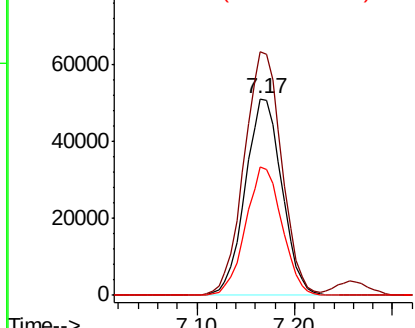
cis-1,2-Dichloroethene
 Concen: 54.104 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 132841
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 254.2
 98 64.6 0.0 129.6



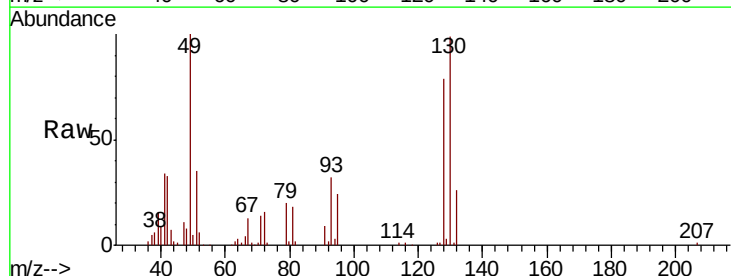
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



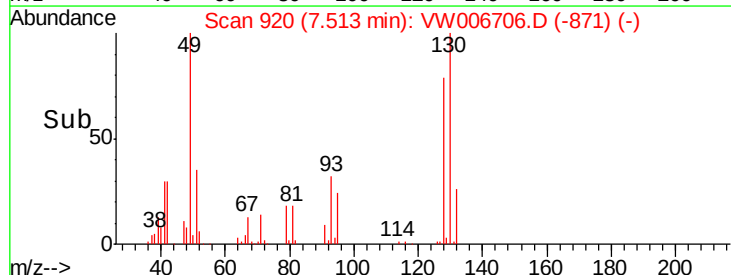
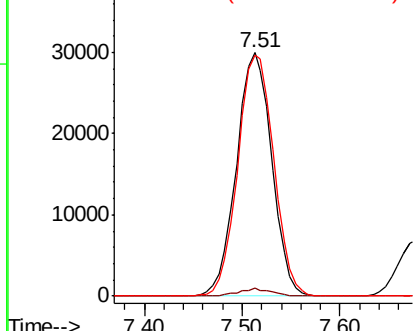
#28

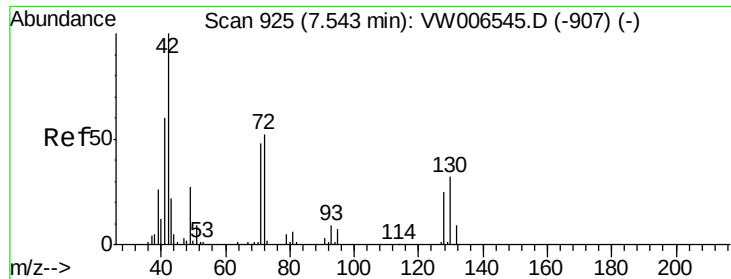
Bromochloromethane
 Concen: 52.904 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 49 Resp: 75144
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.6
 130 101.0 82.2 123.2



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





#29

Tetrahydrofuran

Concen: 278.306 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

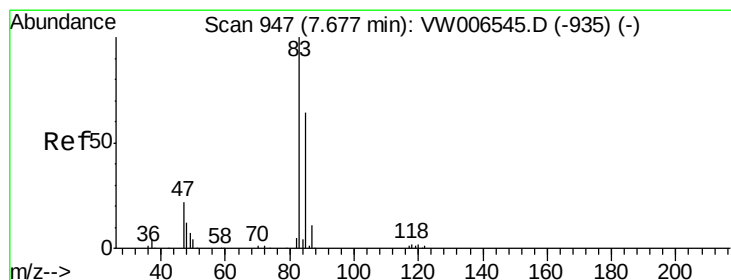
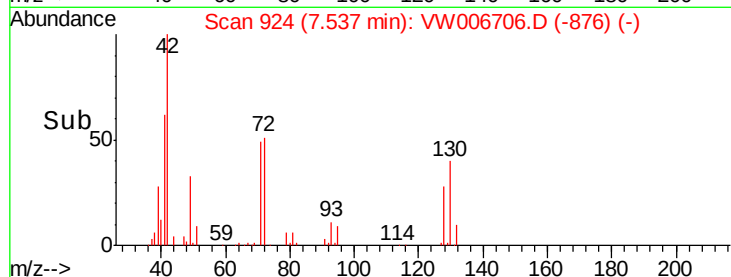
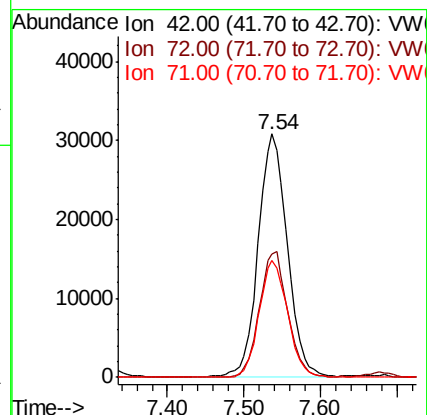
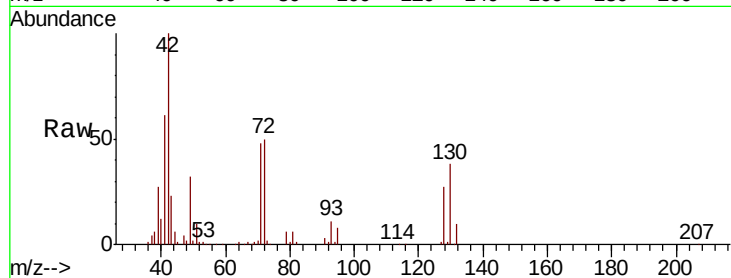
Tot Ion: 42 Resp: 82427

Ion Ratio Lower Upper

42 100

72 49.9 39.2 58.8

71 46.7 37.6 56.4



#30

Chloroform

Concen: 54.829 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW006706.D

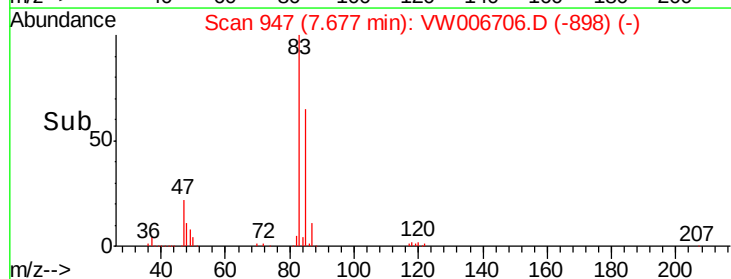
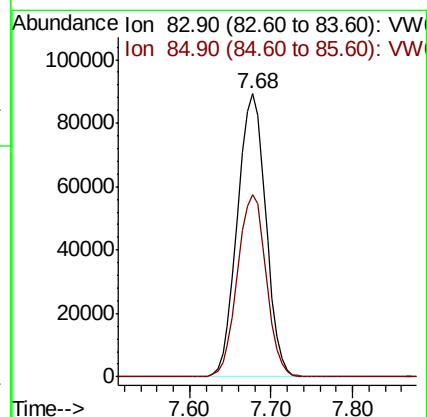
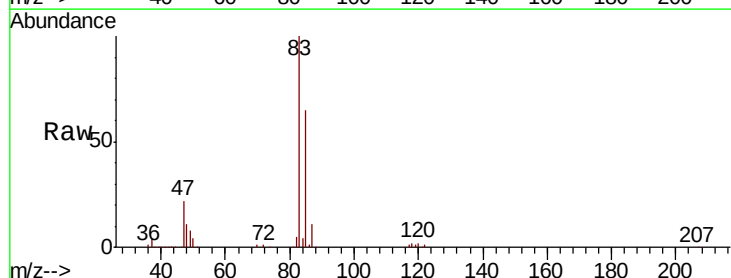
Acq: 07 Nov 2018 01:10

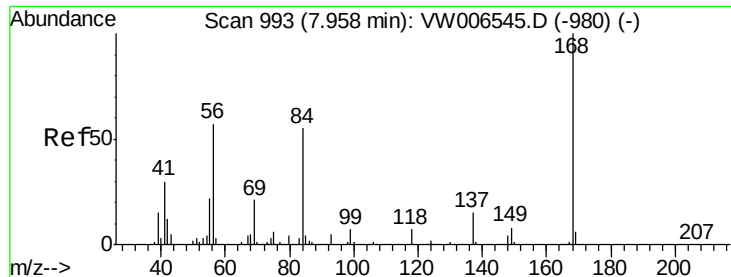
Tgt Ion: 83 Resp: 215026

Ion Ratio Lower Upper

83 100

85 64.5 51.3 76.9

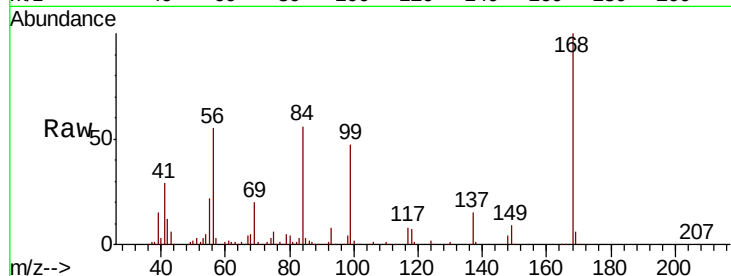




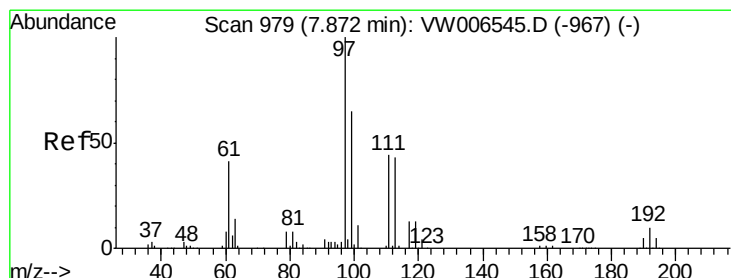
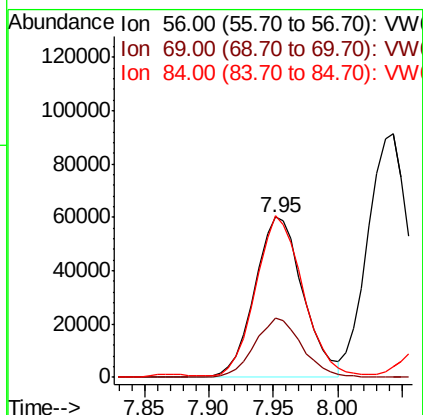
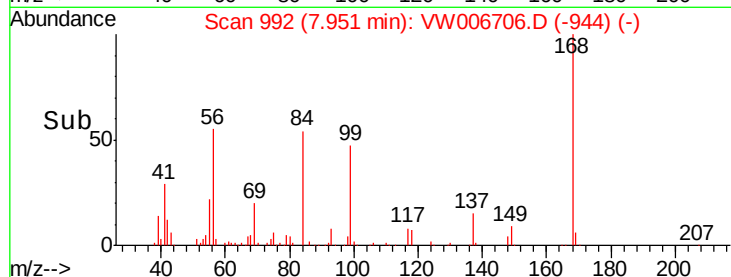
#31
Cyclohexane
Concen: 48.146 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 156745
Ion Ratio Lower Upper
56 100
69 36.9 29.0 43.4
84 99.2 77.8 116.6

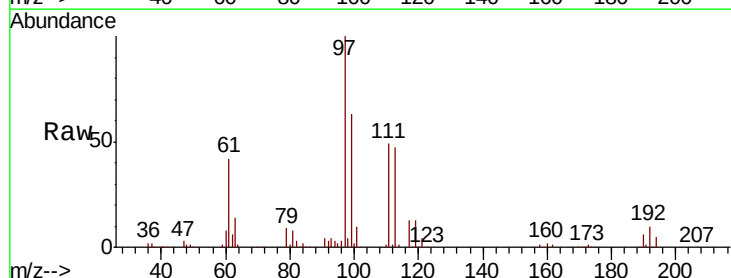


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

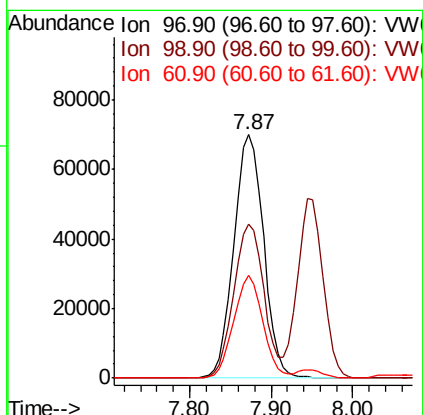
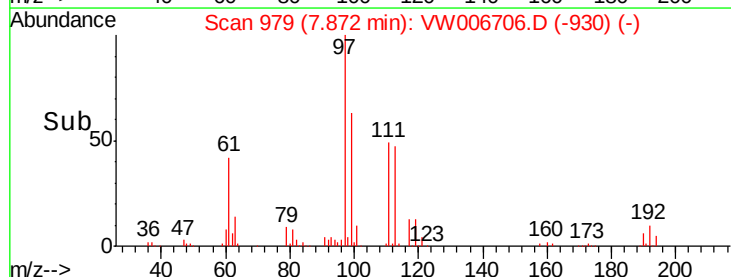


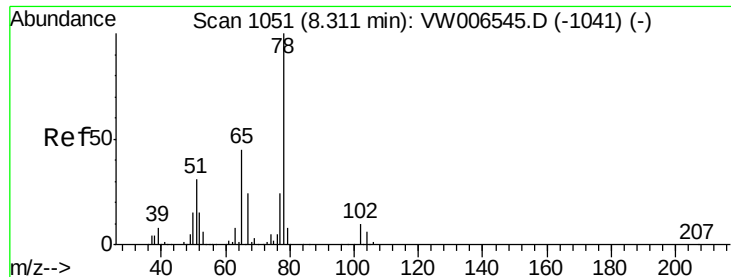
#32
1,1,1-Trichloroethane
Concen: 53.316 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 97 Resp: 176931
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 41.1 32.9 49.3



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

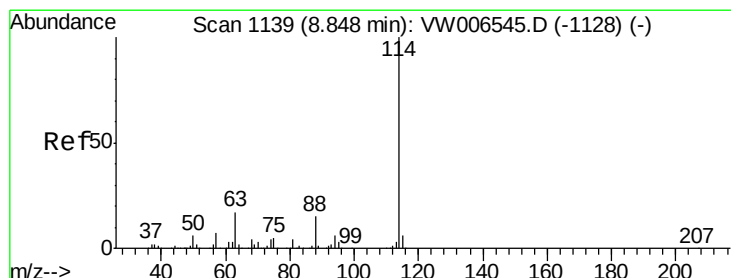
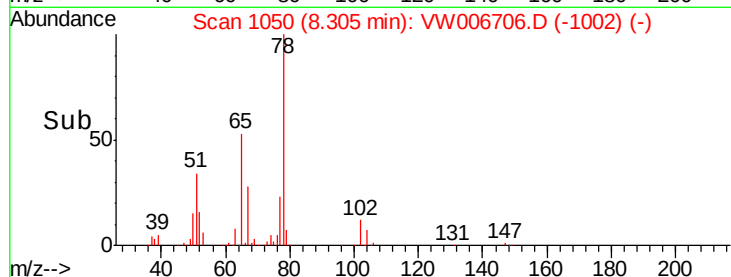
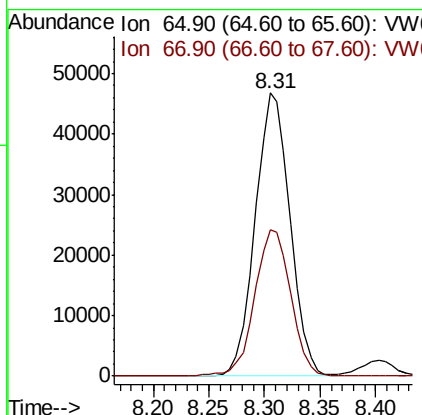
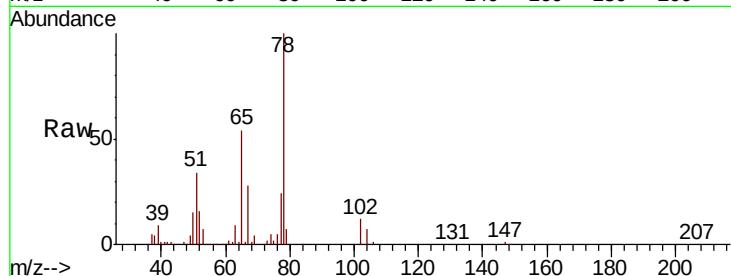




#33
 1,2-Dichloroethane-d4
 Concen: 49.955 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

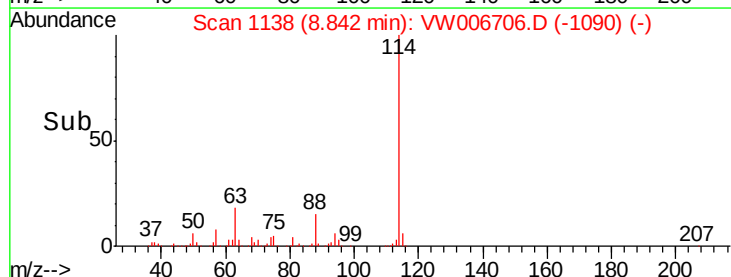
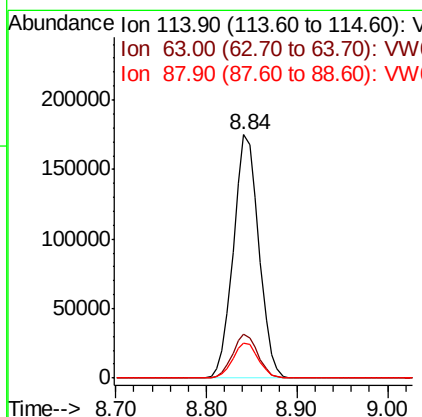
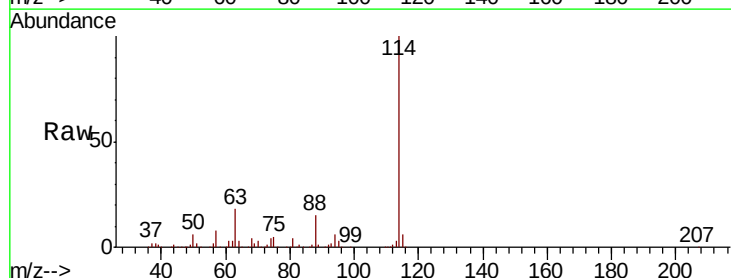
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

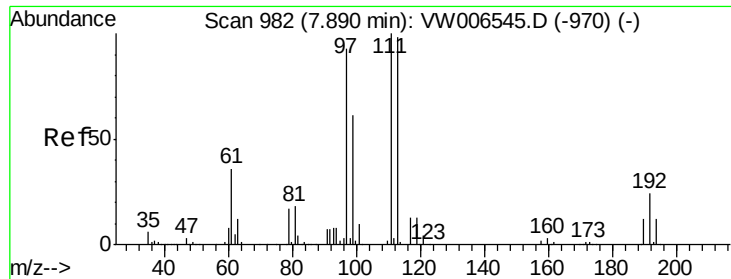
Tot Ion: 65 Resp: 102103
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 114 Resp: 340520
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 14.6 0.0 29.0

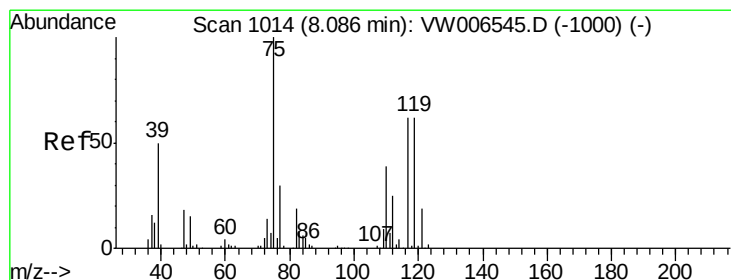
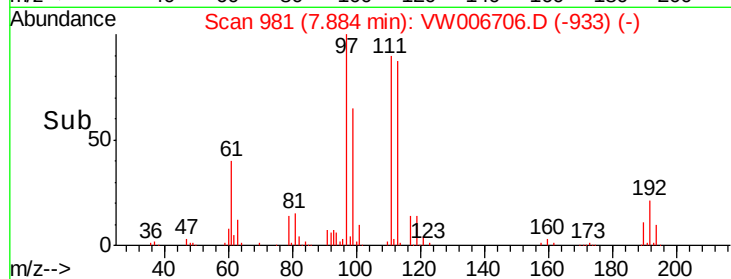
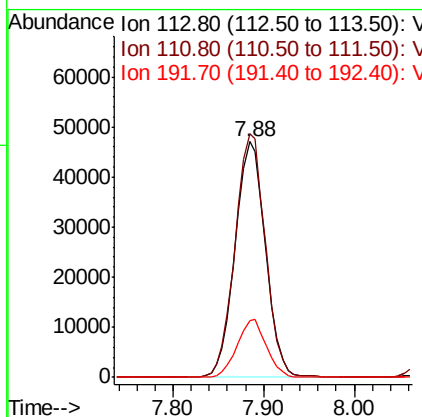
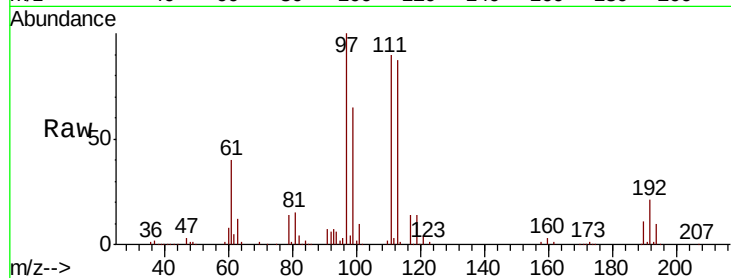




#35
 Dibromofluoromethane
 Concen: 51.150 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

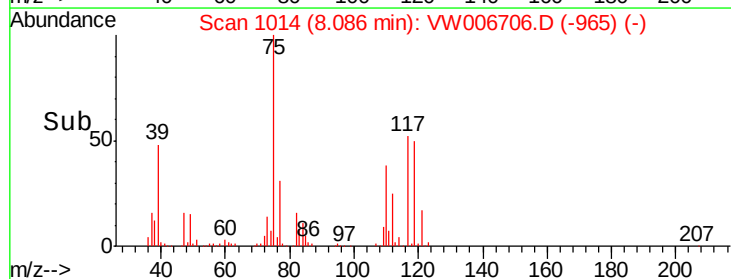
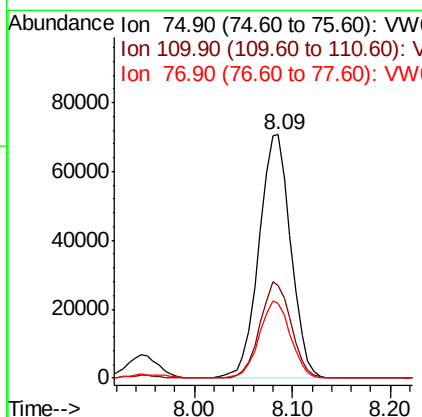
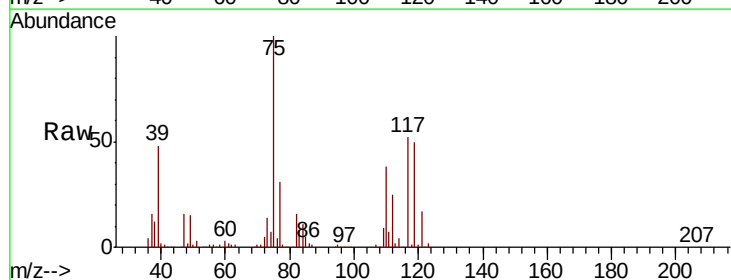
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

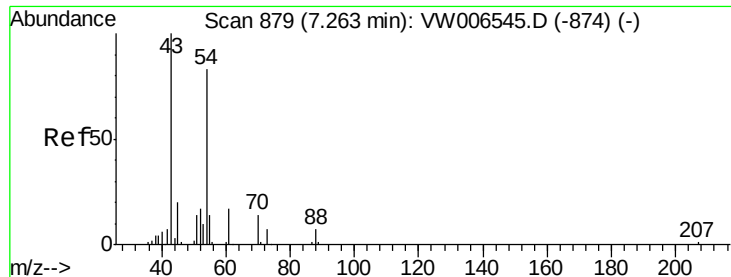
Tot Ion:113 Resp: 109309
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 23.6 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 53.787 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 75 Resp: 161068
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.5 58.5
 77 31.3 24.6 37.0

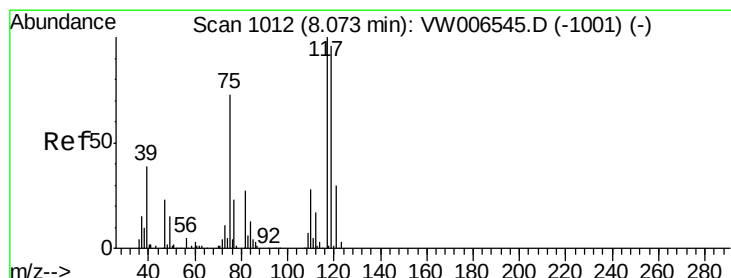
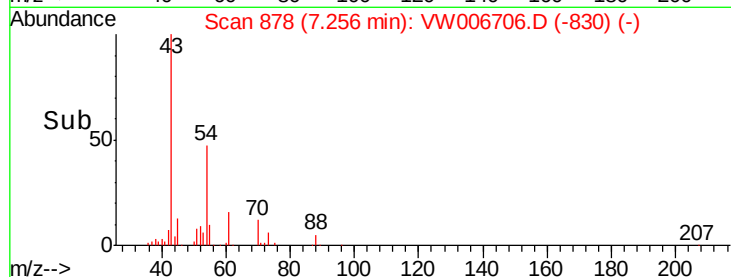
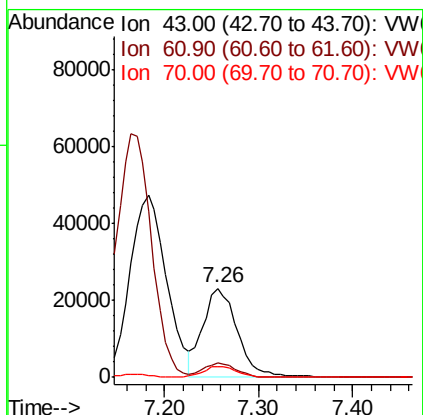
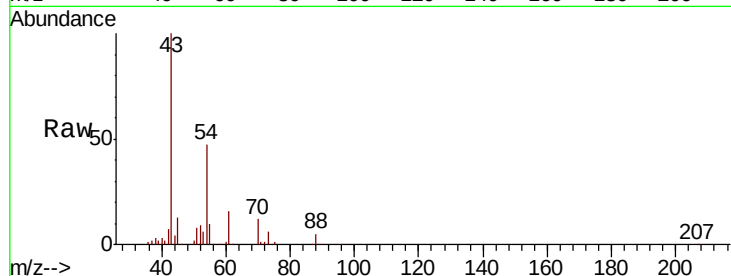




#37
Ethyl Acetate
Concen: 56.231 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

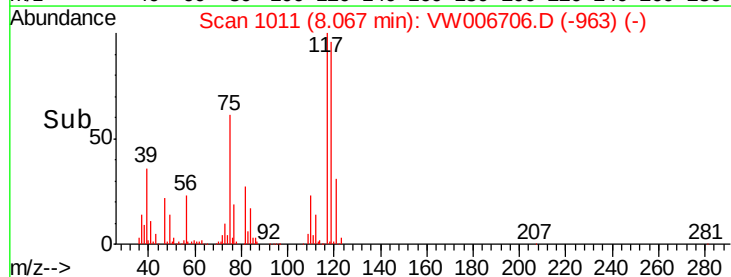
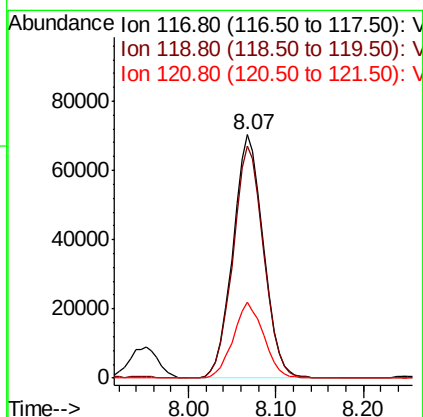
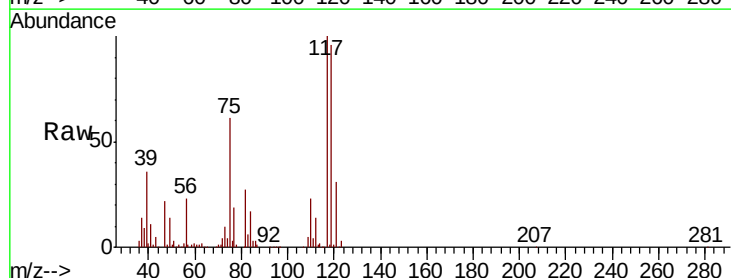
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

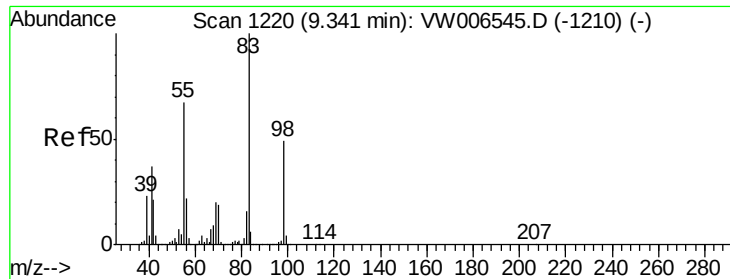
Tot Ion: 43 Resp: 58353
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 11.6 9.8 14.6



#38
Carbon Tetrachloride
Concen: 54.392 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 117 Resp: 170197
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 31.2 24.1 36.1





#39

Methylcyclohexane

Concen: 52.484 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

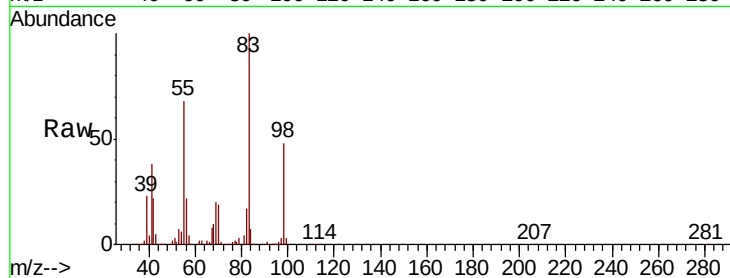
MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 199449

Ion	Ratio	Lower	Upper
83	100		
55	68.0	53.7	80.5
98	47.9	39.2	58.8

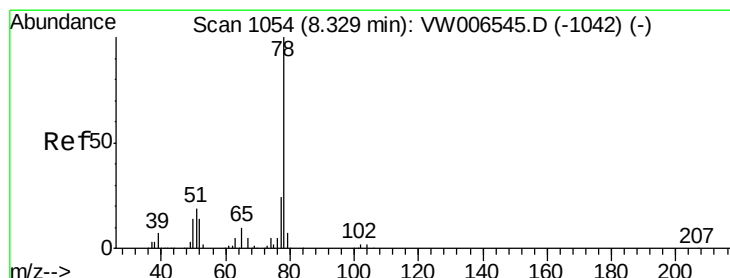
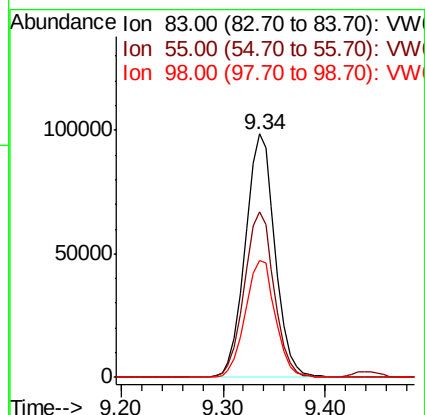
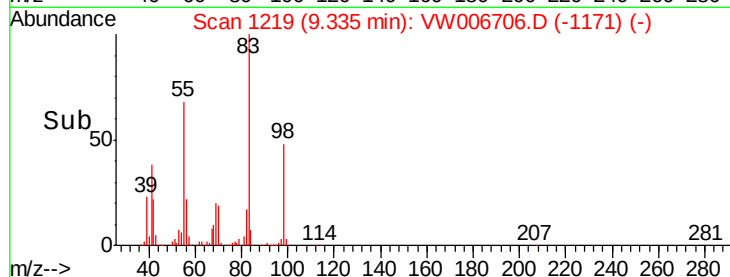


Abundance

Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 55.496 ug/l

RT: 8.32 min Scan# 1053

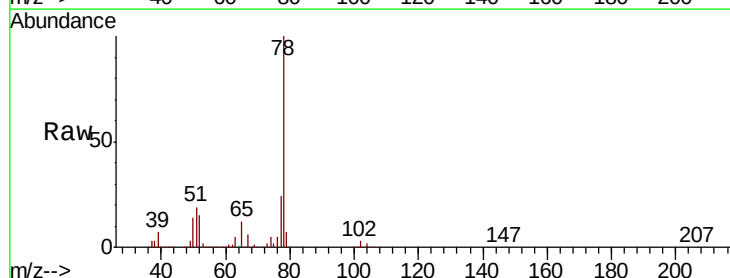
Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion: 78 Resp: 472032

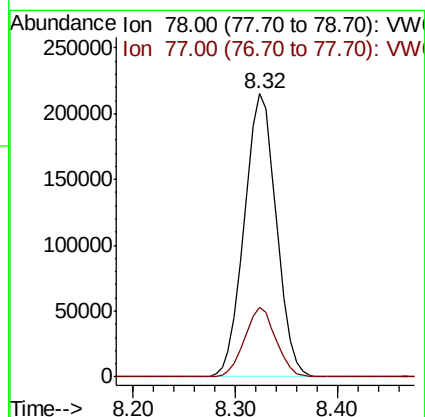
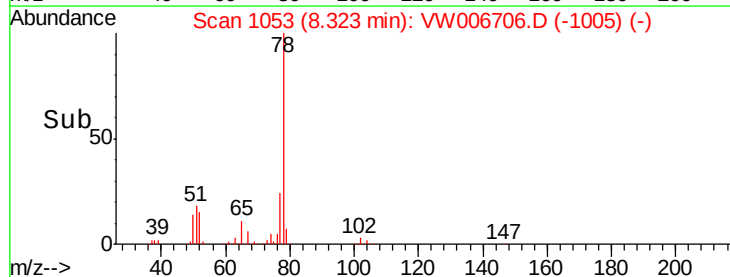
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

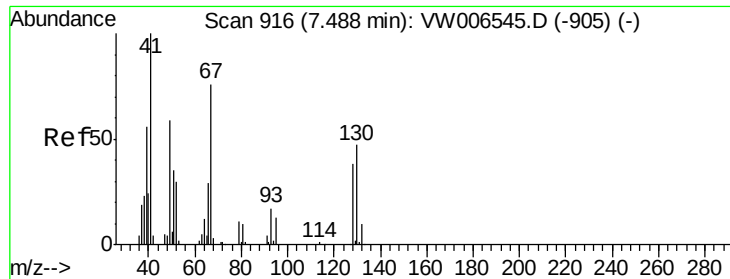


Abundance

Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

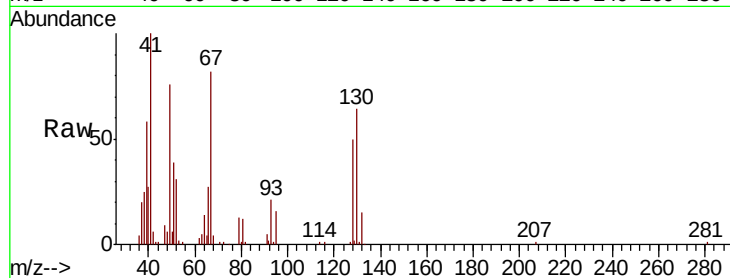




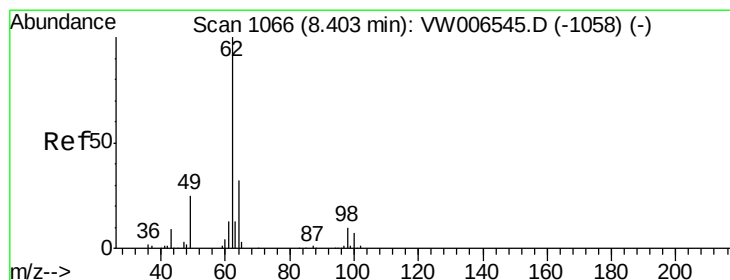
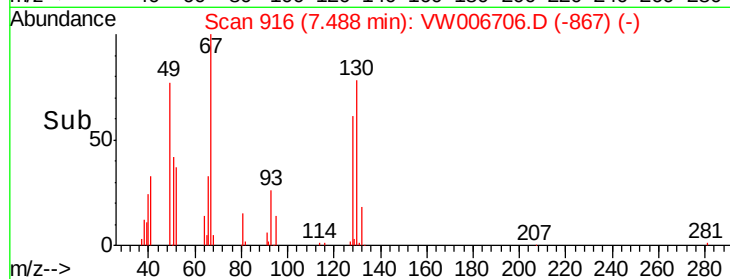
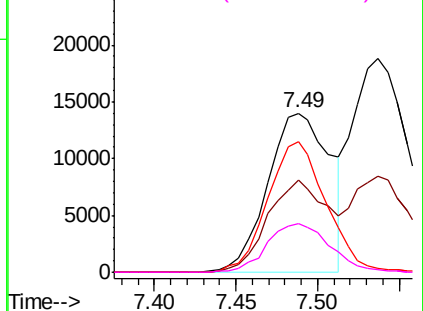
#41
Methacrylonitrile
Concen: 58.562 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	37265
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	76.8	63.8	95.8
52	30.7	26.3	39.5

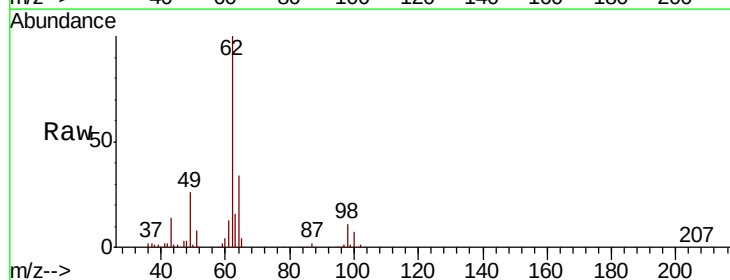


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

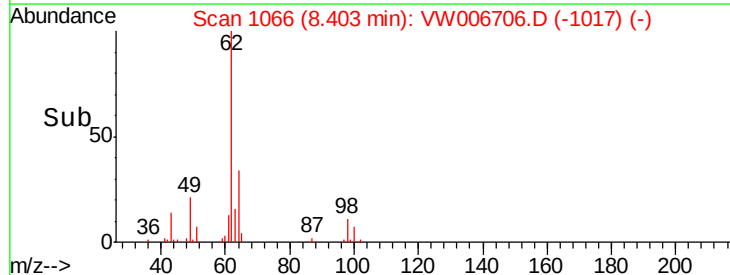
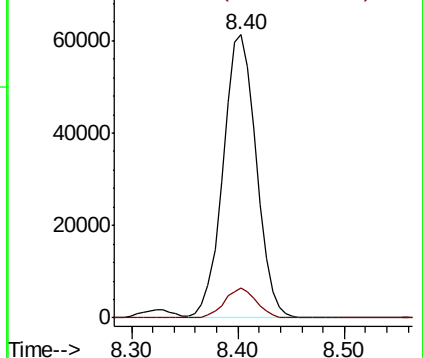


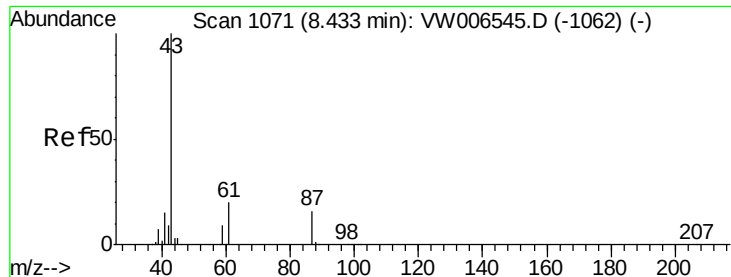
#42
1,2-Dichloroethane
Concen: 54.849 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion:	62	Resp:	133794
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



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





#43

Isopropyl Acetate

Concen: 56.284 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

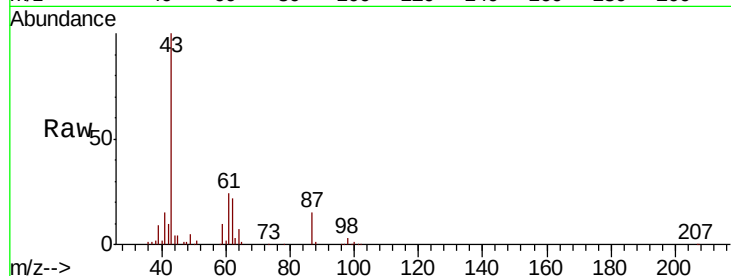
Tot Ion: 43 Resp: 116553

Ion Ratio Lower Upper

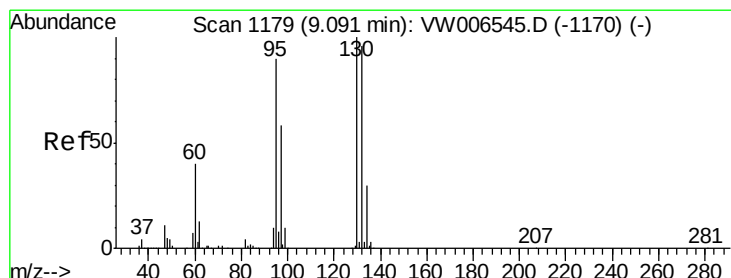
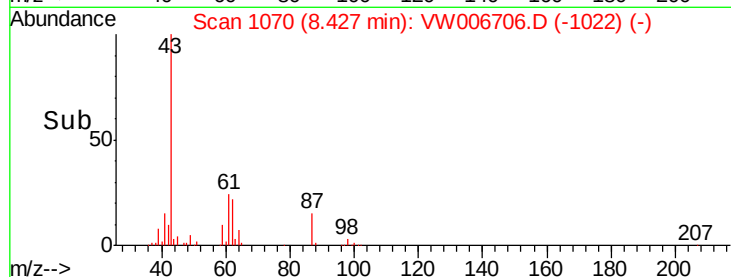
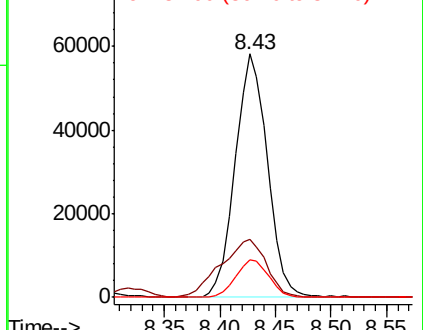
43 100

61 33.6 27.2 40.8

87 15.9 12.9 19.3



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



#44

Trichloroethene

Concen: 54.195 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006706.D

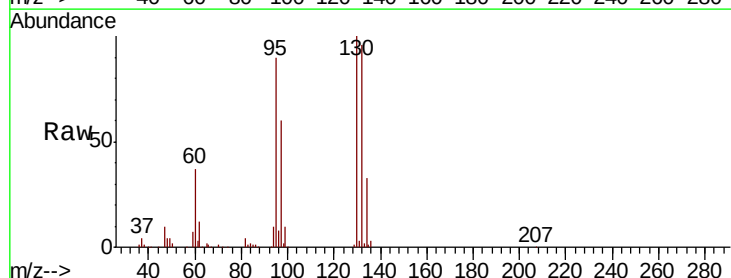
Acq: 07 Nov 2018 01:10

Tgt Ion:130 Resp: 142246

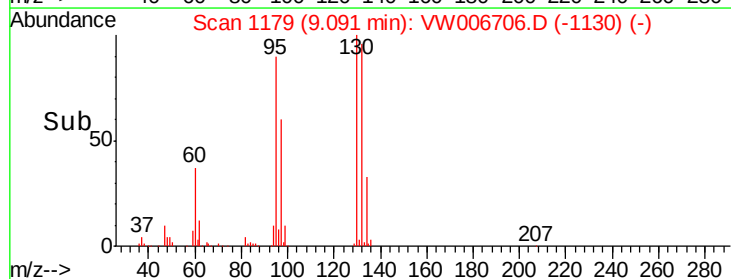
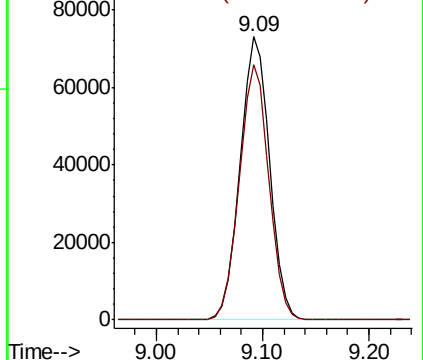
Ion Ratio Lower Upper

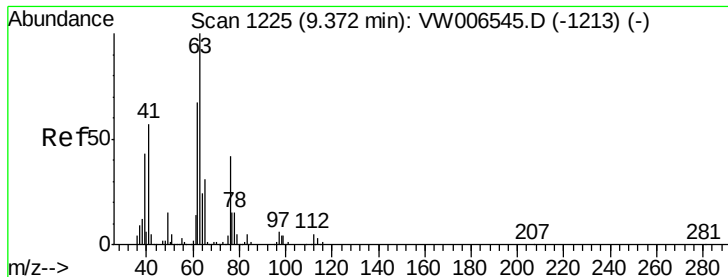
130 100

95 90.2 0.0 179.2



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

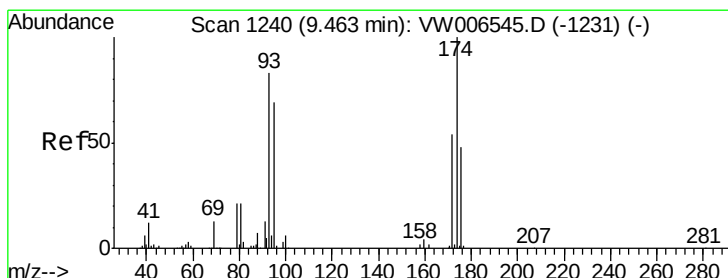
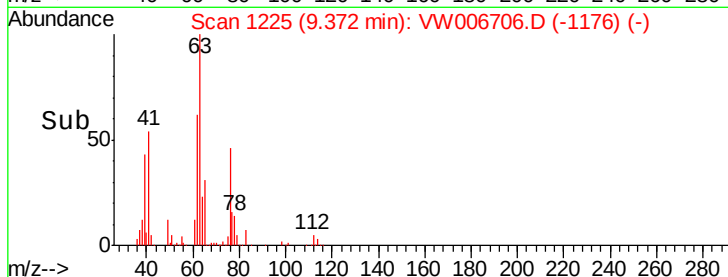
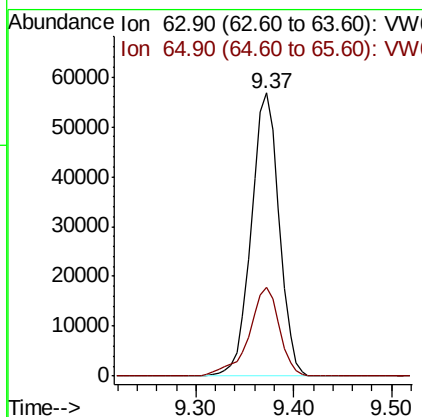
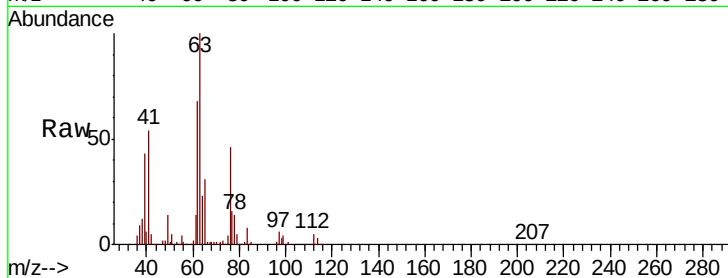




#45
 1,2-Dichloropropane
 Concen: 56.709 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

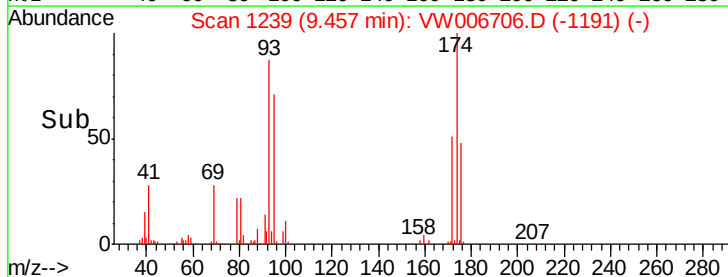
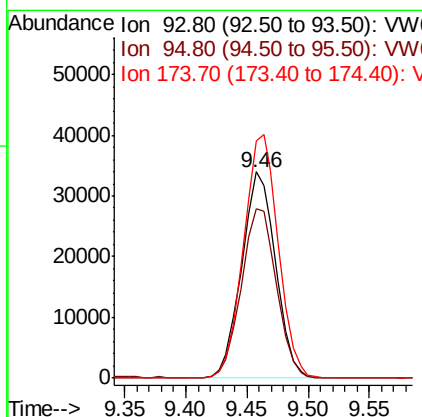
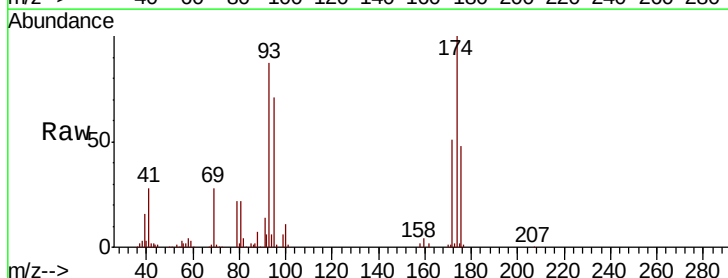
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

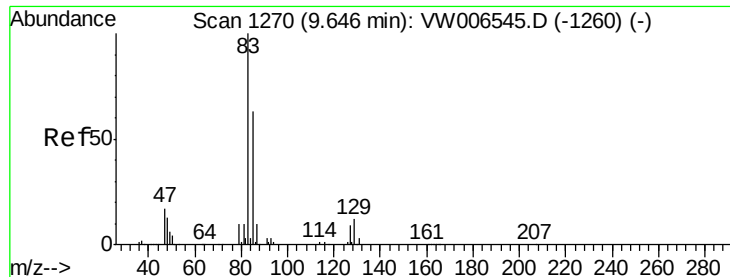
Tot Ion: 63 Resp: 112251
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7



#46
 Dibromomethane
 Concen: 56.335 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 93 Resp: 65550
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.2 100.8
 174 120.6 97.3 145.9





#47

Bromodichloromethane

Concen: 58.108 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

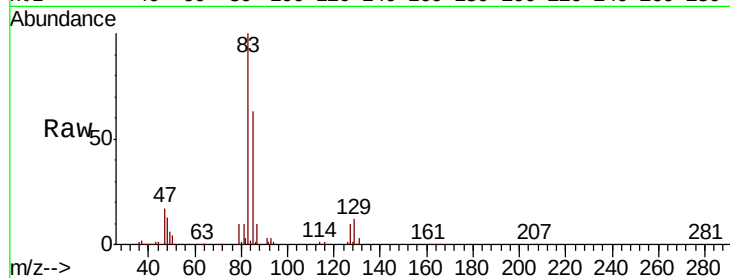
Tot Ion: 83 Resp: 156992

Ion Ratio Lower Upper

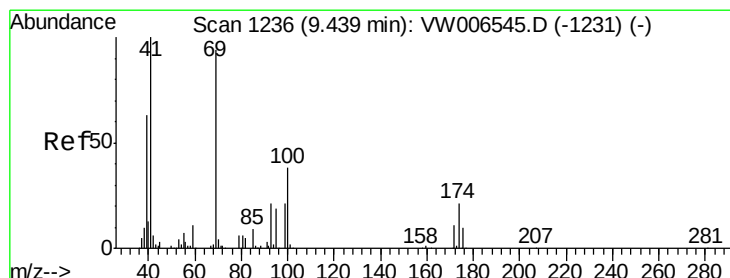
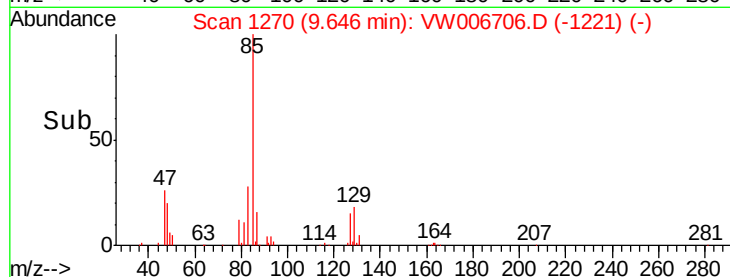
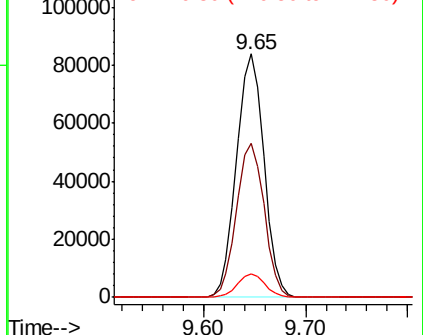
83 100

85 63.2 50.6 75.8

127 9.5 7.5 11.3



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: 56.677 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

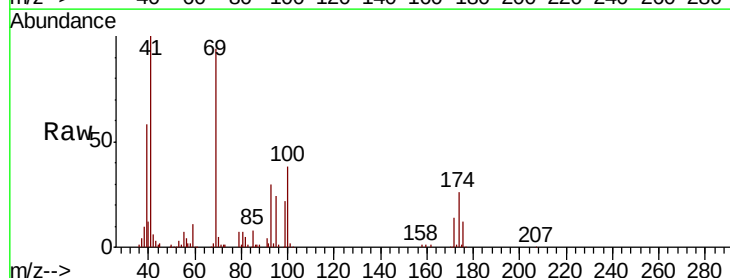
Tgt Ion: 41 Resp: 56547

Ion Ratio Lower Upper

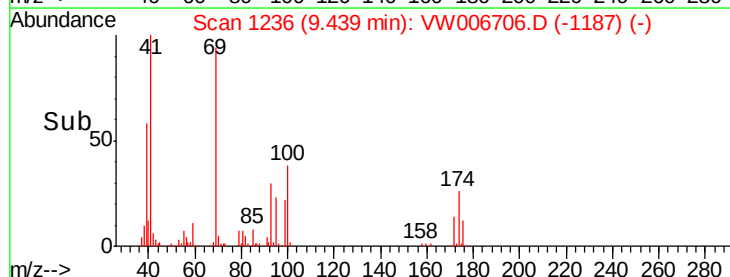
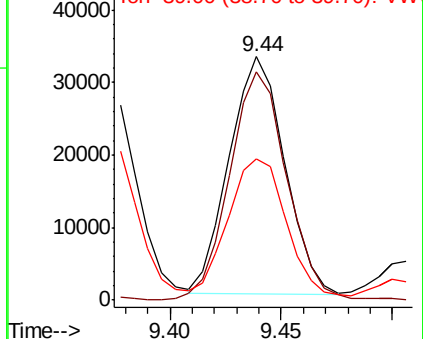
41 100

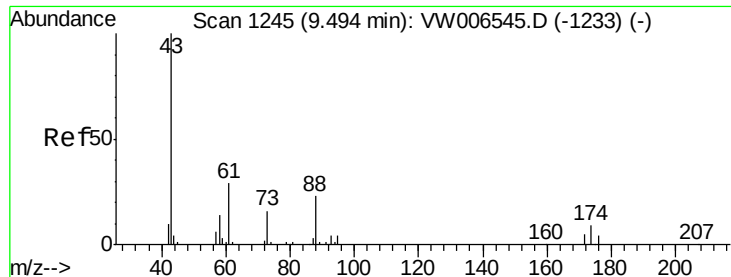
69 100.1 77.8 116.8

39 64.2 48.7 73.1



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





#49

1,4-Dioxane

Concen: 1156.515 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

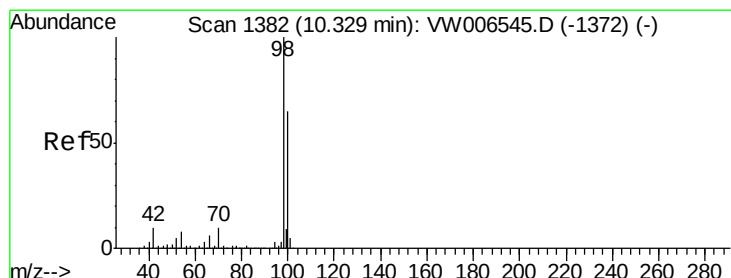
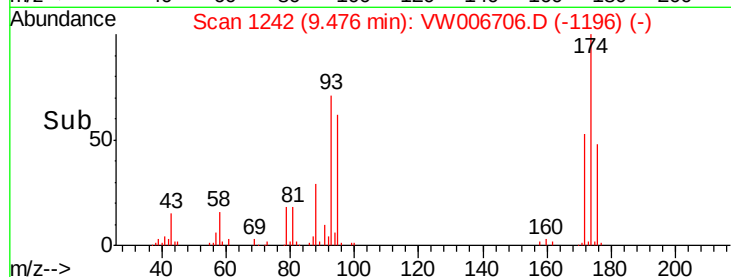
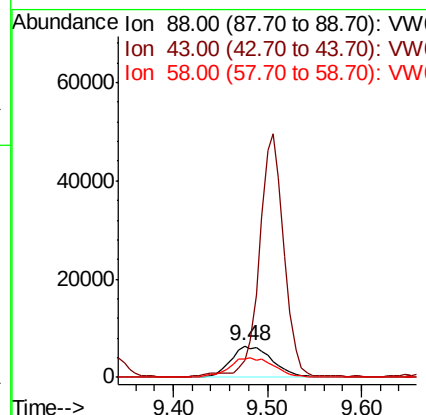
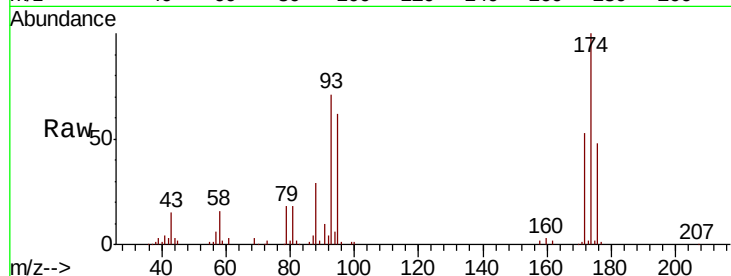
Tot Ion: 88 Resp: 19694

Ion Ratio Lower Upper

88 100

43 0.0 356.6 534.8#

58 66.4 51.4 77.2



#50

Toluene-d8

Concen: 50.498 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006706.D

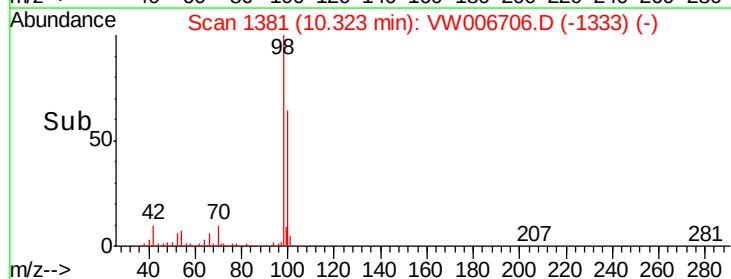
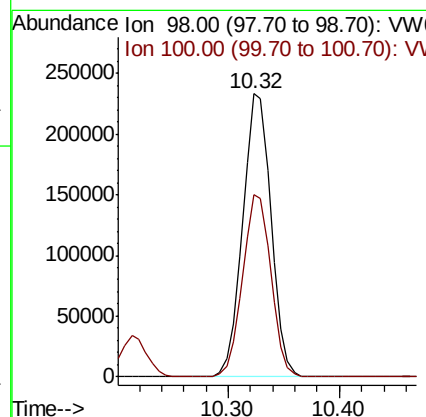
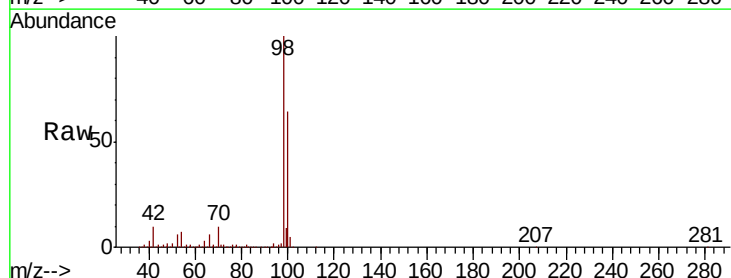
Acq: 07 Nov 2018 01:10

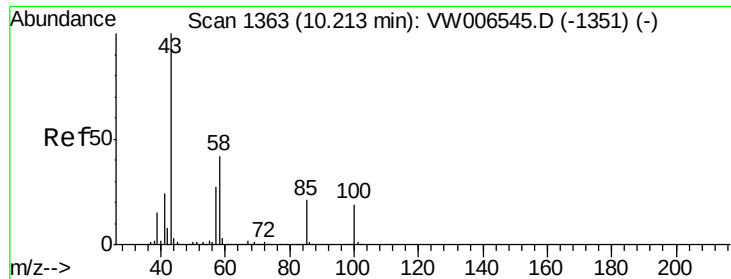
Tgt Ion: 98 Resp: 410817

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

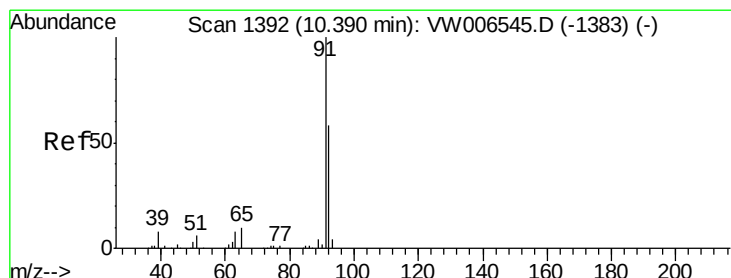
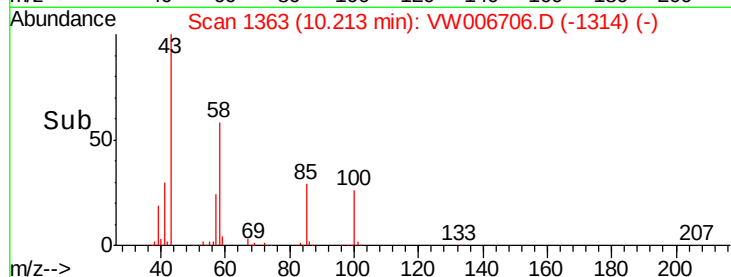
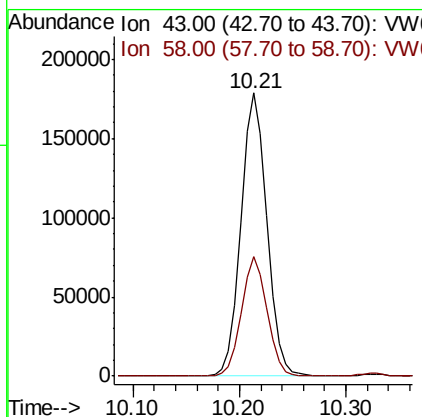
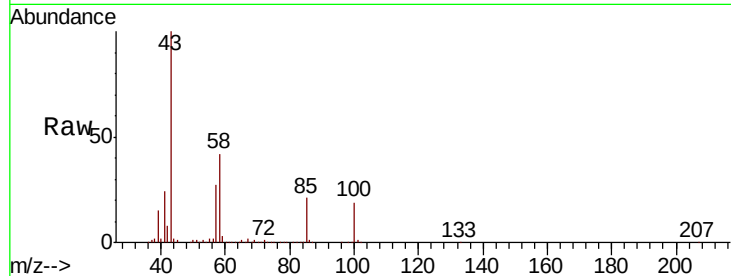




#51
 4-Methyl-2-Pentanone
 Concen: 286.765 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

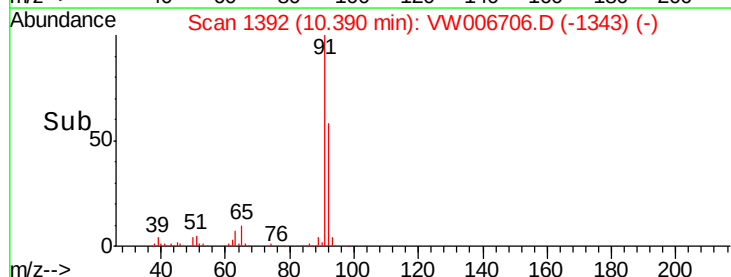
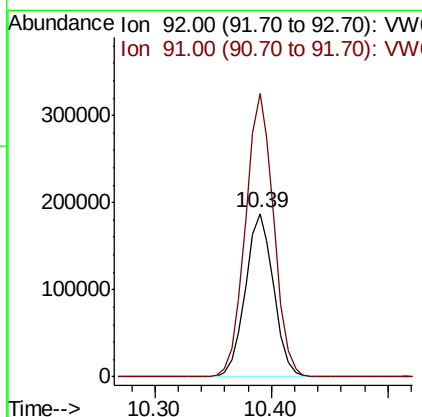
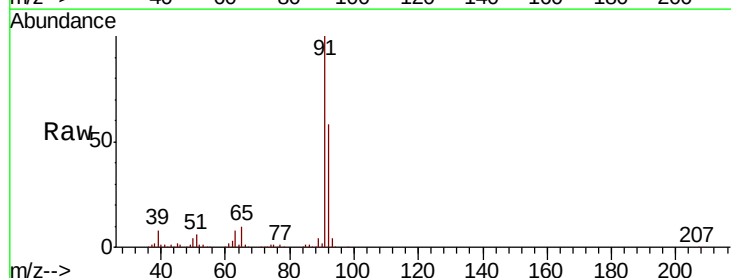
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

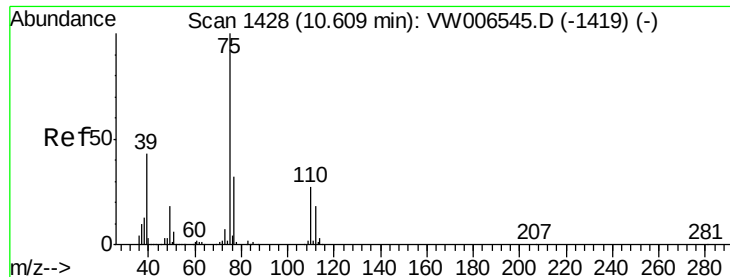
Tot Ion: 43 Resp: 304981
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.4 50.0



#52
 Toluene
 Concen: 55.193 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 92 Resp: 314867
 Ion Ratio Lower Upper
 92 100
 91 174.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 58.176 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

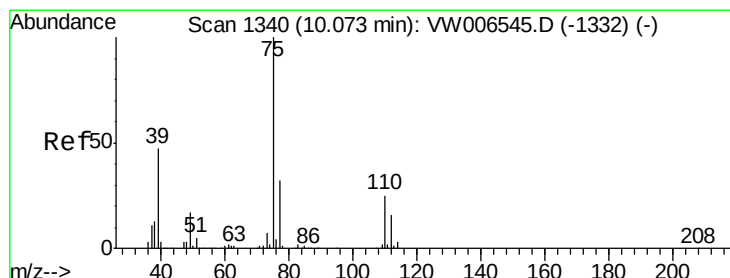
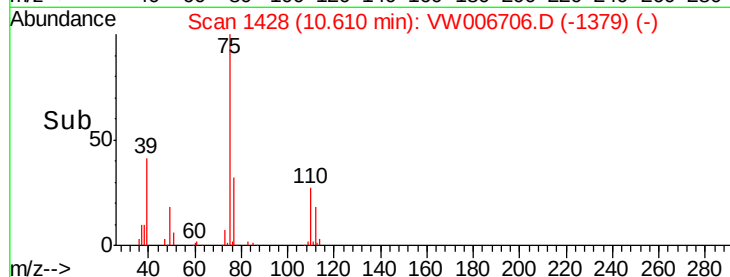
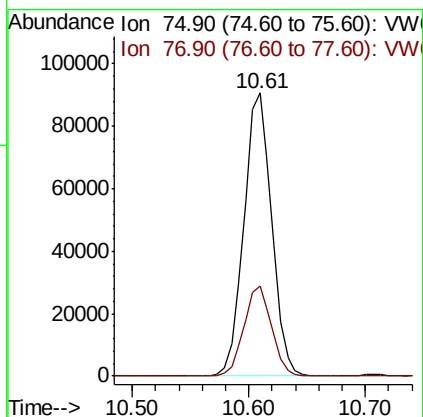
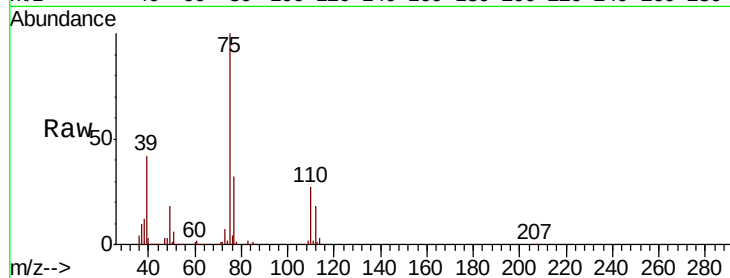
VSTDCCC050

Tot Ion: 75 Resp: 151268

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 56.629 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

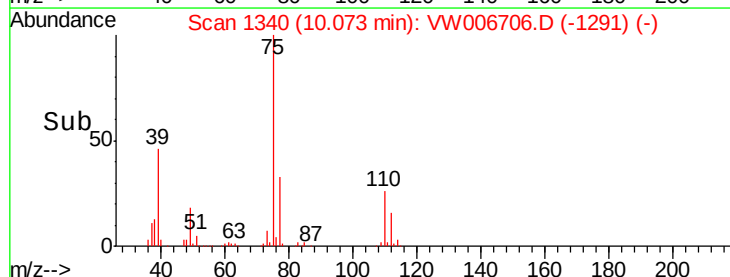
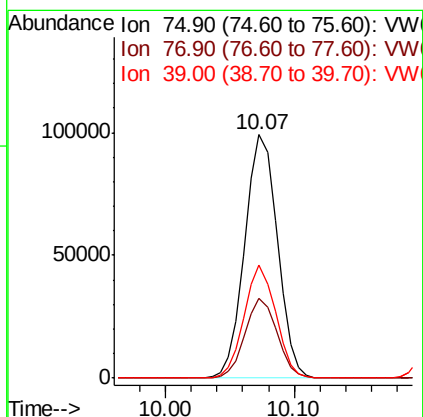
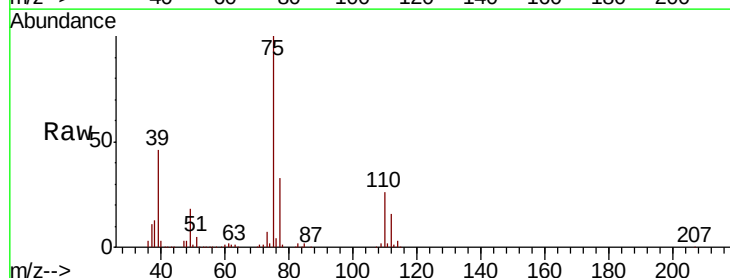
Tgt Ion: 75 Resp: 174001

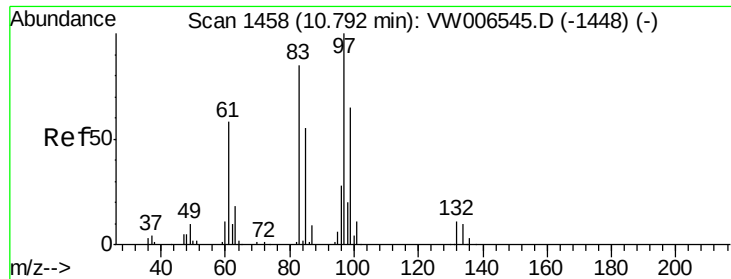
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

39 46.2 37.3 55.9

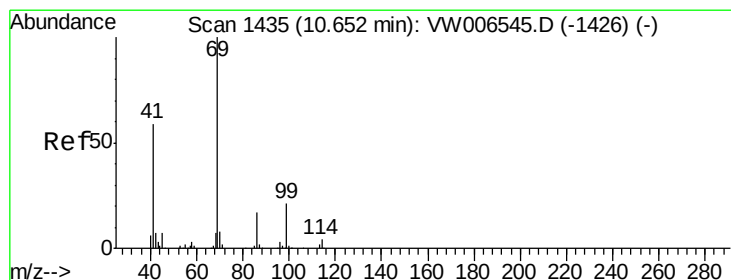
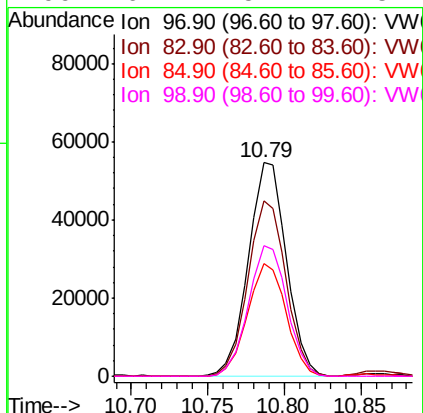
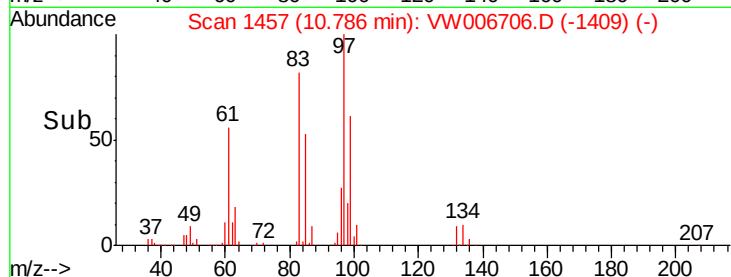
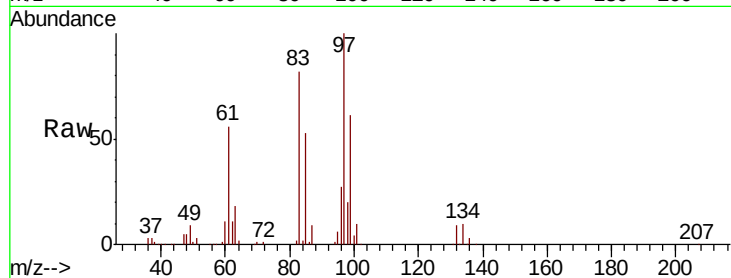




#55
 1,1,2-Trichloroethane
 Concen: 57.476 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

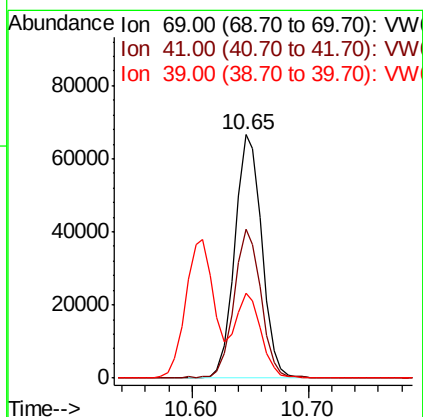
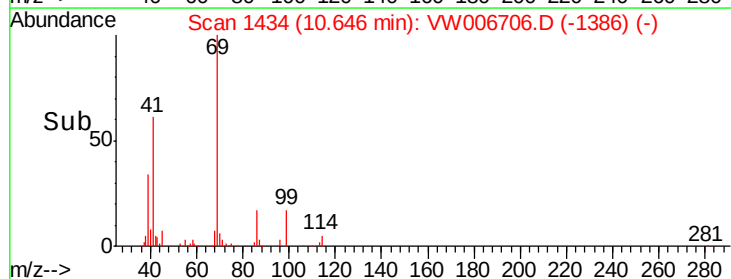
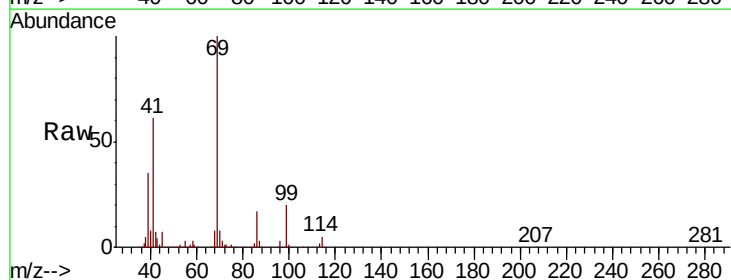
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

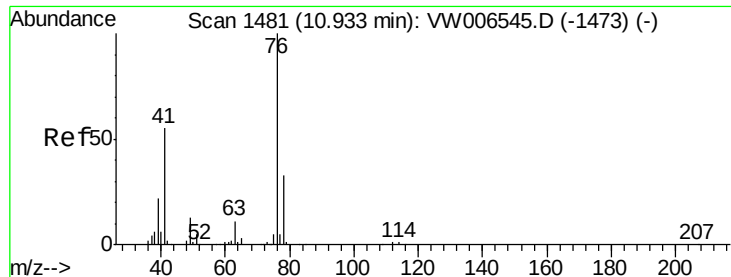
Tot Ion:	97	Resp:	94890
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.9	101.9
85	52.5	44.0	66.0
99	61.1	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 57.500 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion:	69	Resp:	107897
Ion	Ratio	Lower	Upper
69	100		
41	61.4	47.4	71.2
39	33.5	25.3	37.9

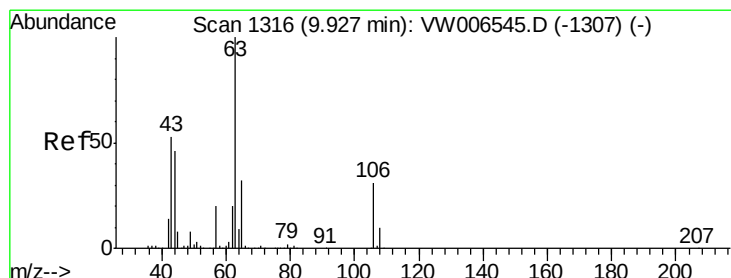
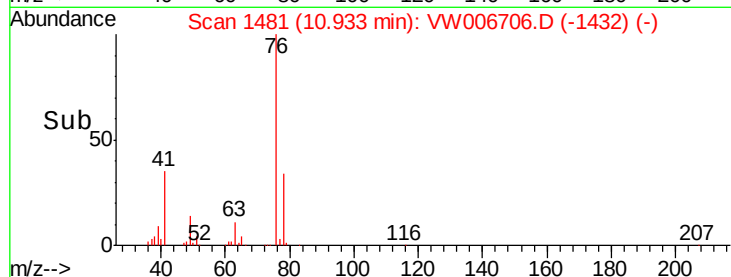
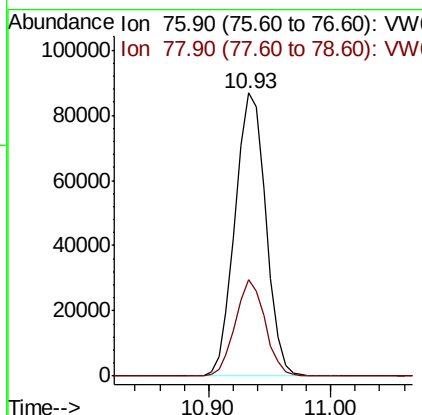
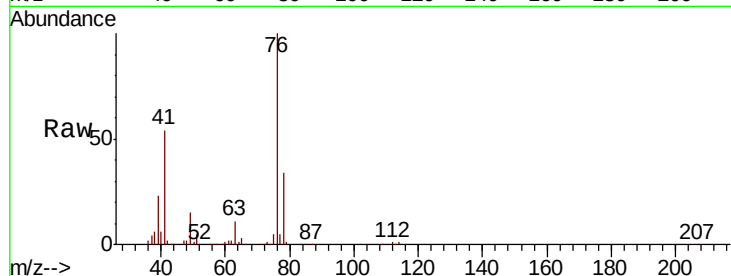




#57
 1,3-Dichloropropane
 Concen: 56.509 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

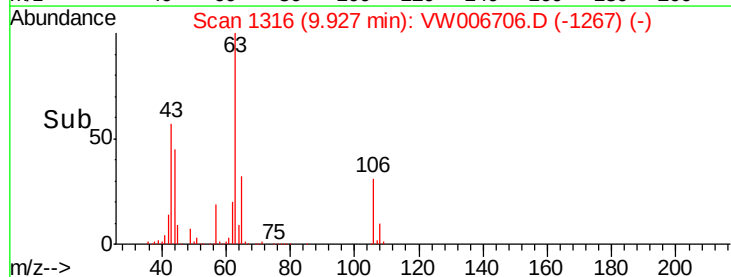
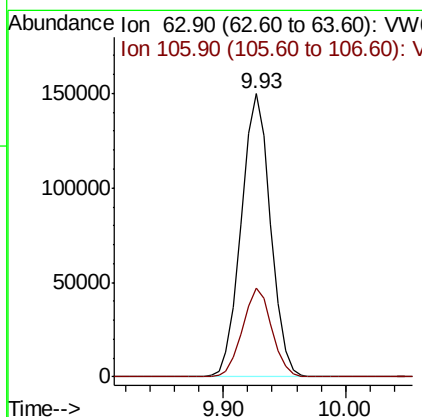
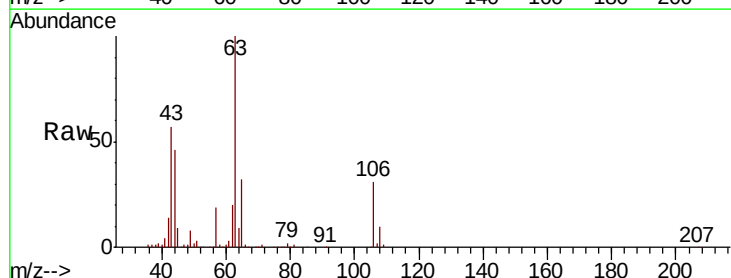
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

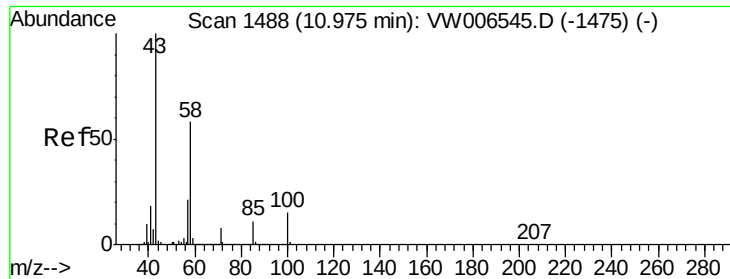
Tot Ion: 76 Resp: 151493
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.542 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 63 Resp: 248603
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.4 38.2

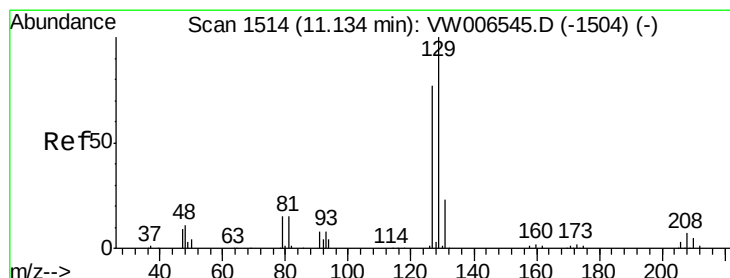
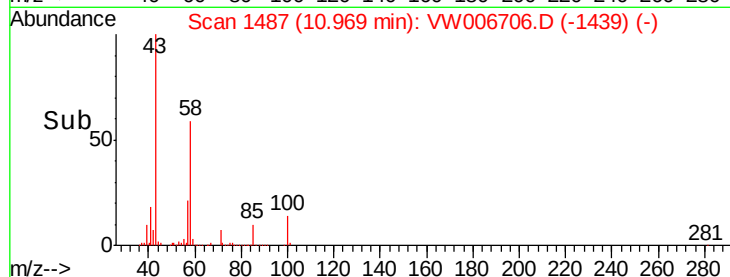
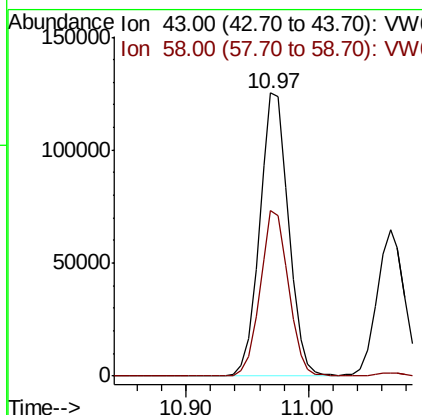
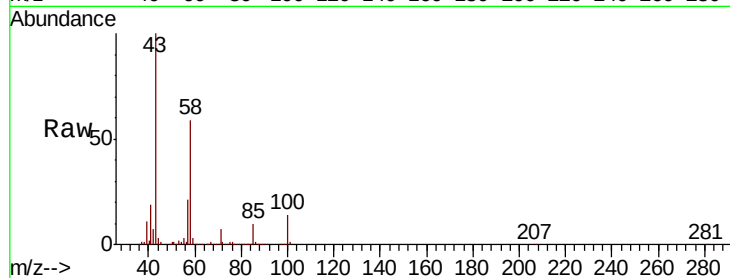




#59
2-Hexanone
Concen: 285.463 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

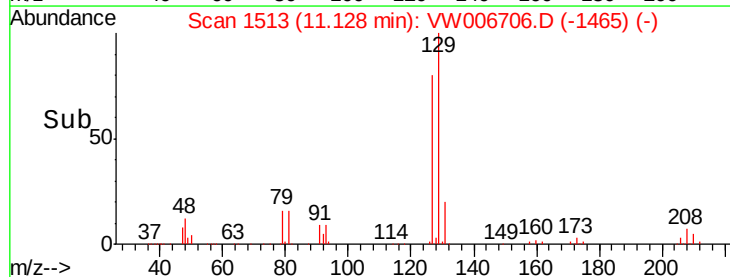
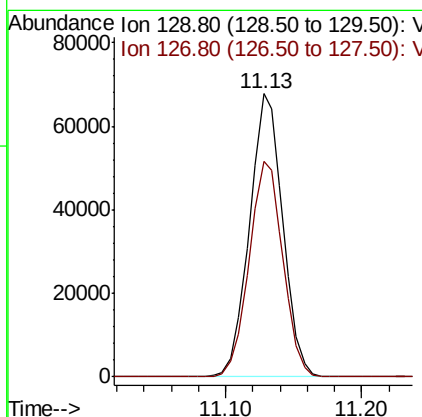
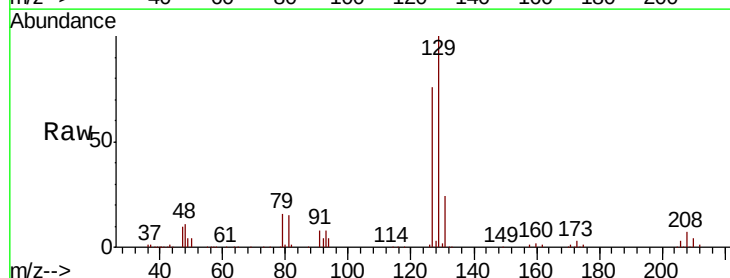
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

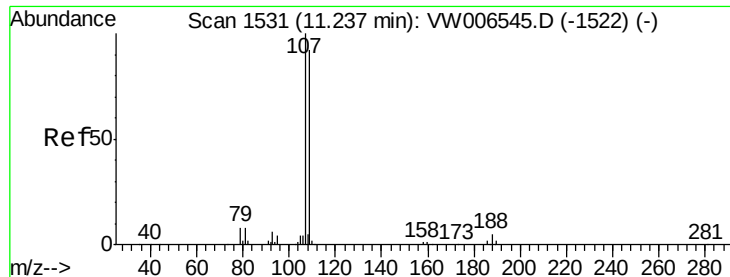
Tot Ion: 43 Resp: 206200
Ion Ratio Lower Upper
43 100
58 57.5 28.8 86.4



#60
Dibromochloromethane
Concen: 59.269 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion:129 Resp: 115933
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 56.743 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

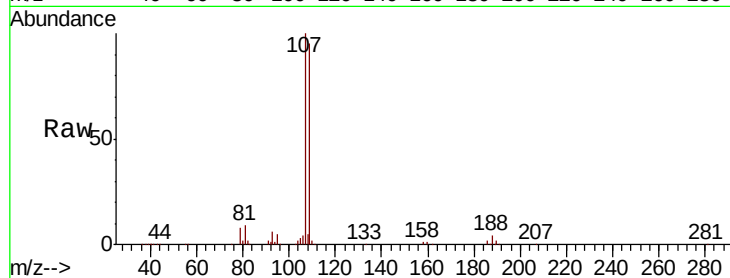
VSTDCCC050

Tot Ion:107 Resp: 93030

Ion Ratio Lower Upper

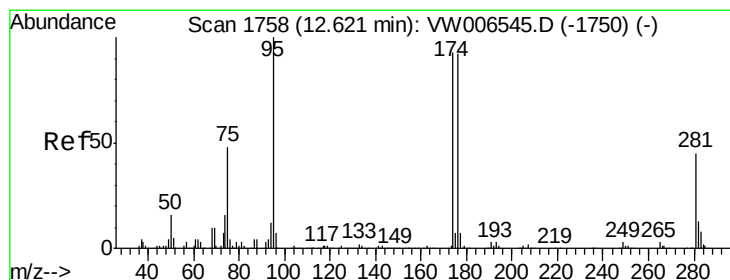
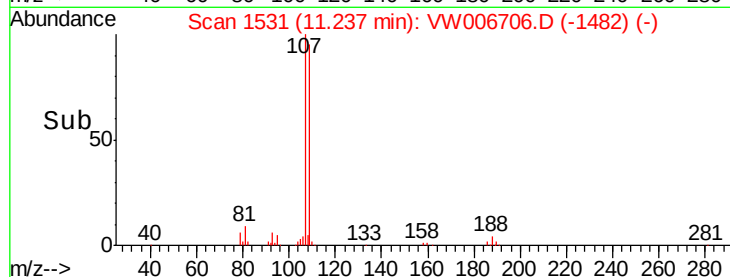
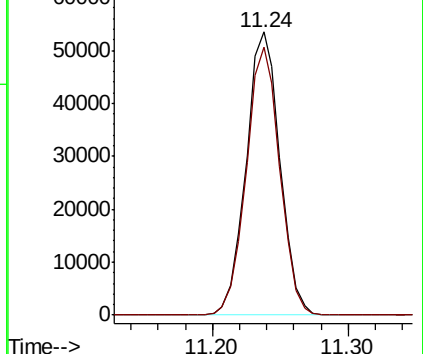
107 100

109 93.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.515 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

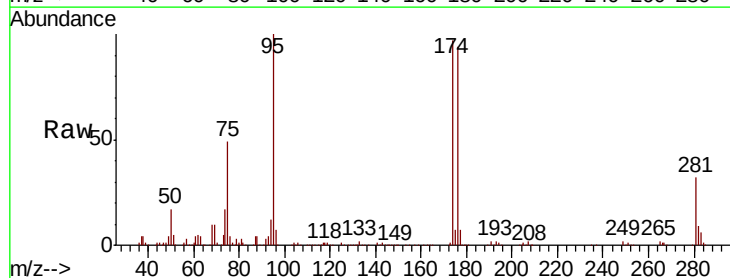
Tgt Ion: 95 Resp: 151935

Ion Ratio Lower Upper

95 100

174 97.4 0.0 192.4

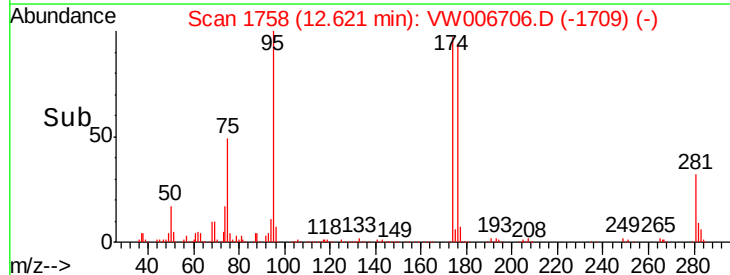
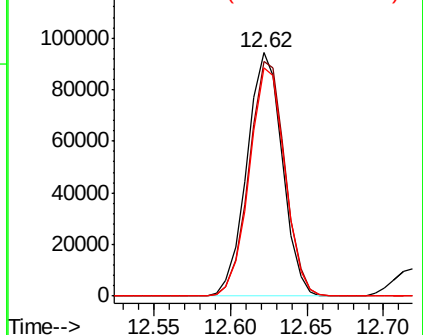
176 94.1 0.0 187.4

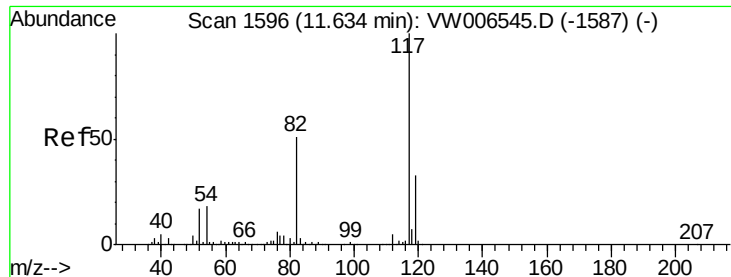


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

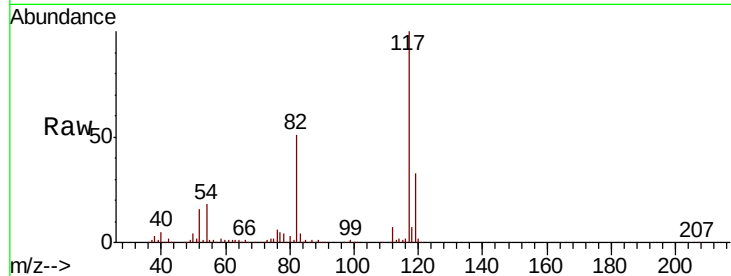




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.5	26.1	39.1

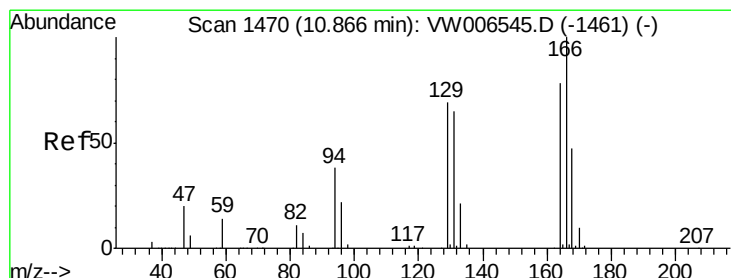
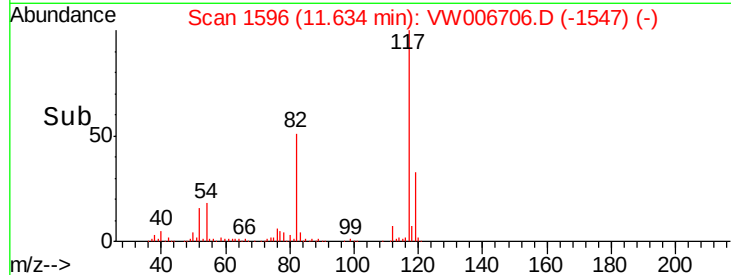
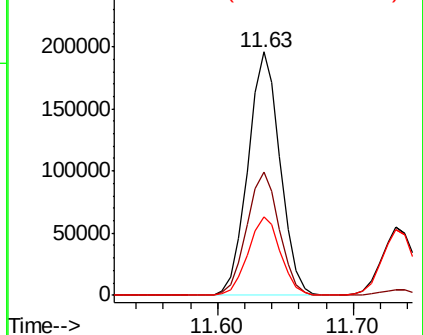


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.566 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.8	154.2
129	89.6	70.9	106.3
131	87.3	67.0	100.6

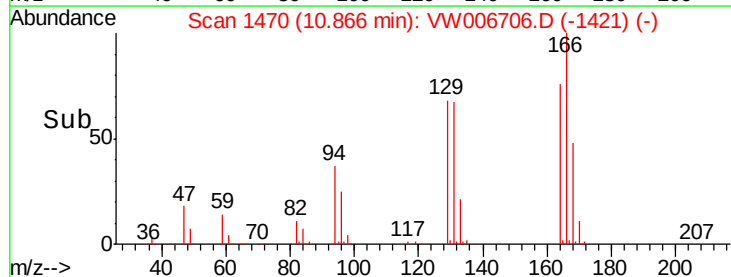
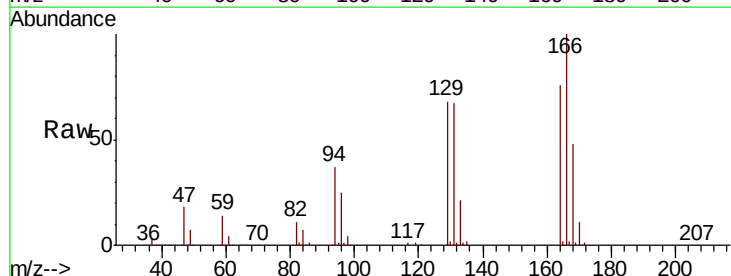
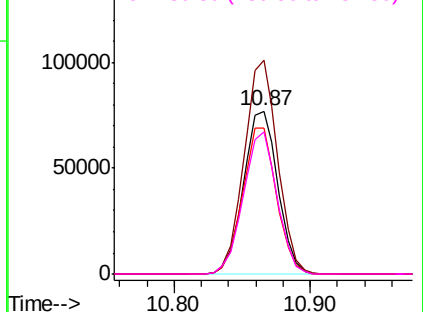
Abundance

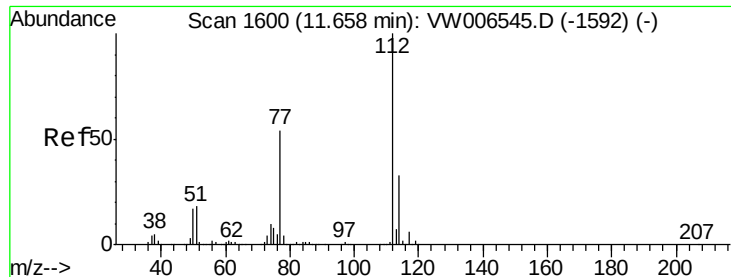
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

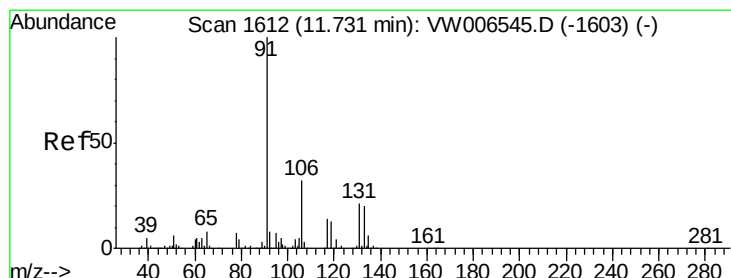
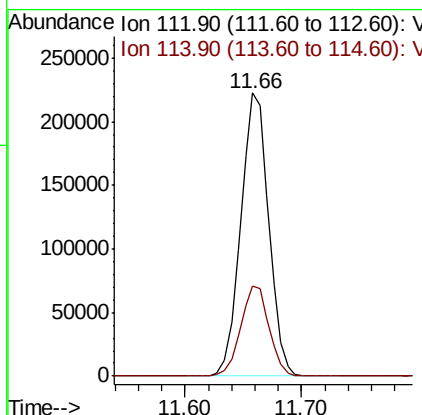
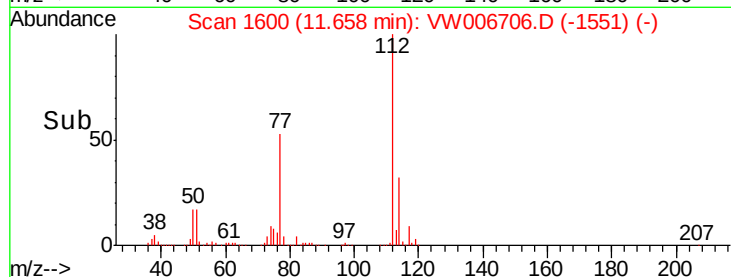
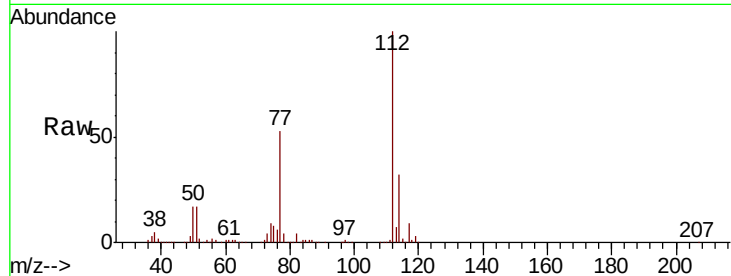




#65
Chlorobenzene
Concen: 54.456 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

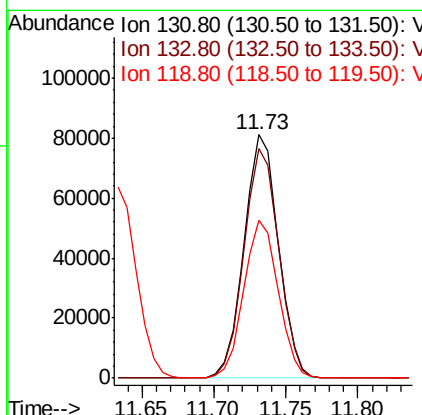
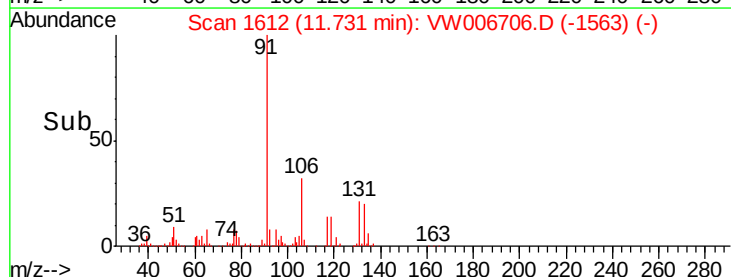
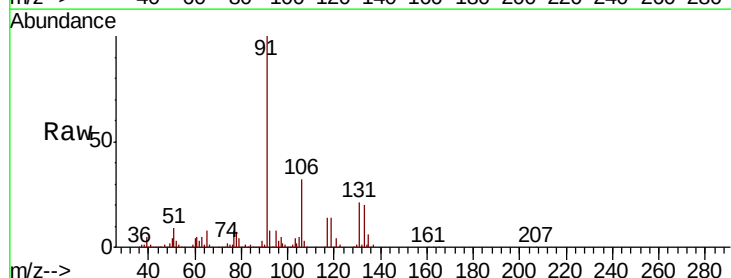
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

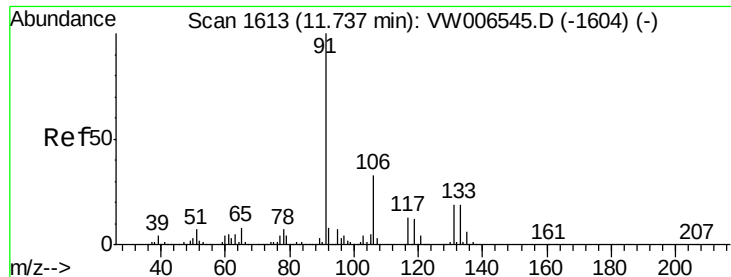
Tot Ion:112 Resp: 371733
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.753 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion:131 Resp: 133768
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.0 31.9 95.5

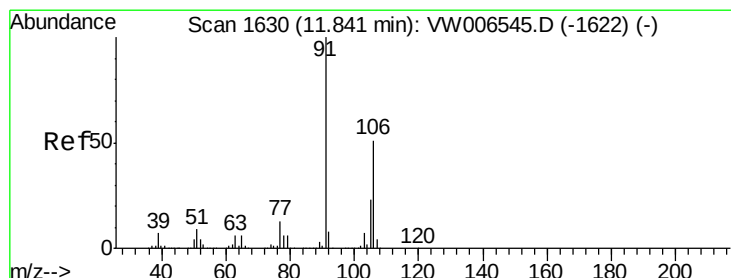
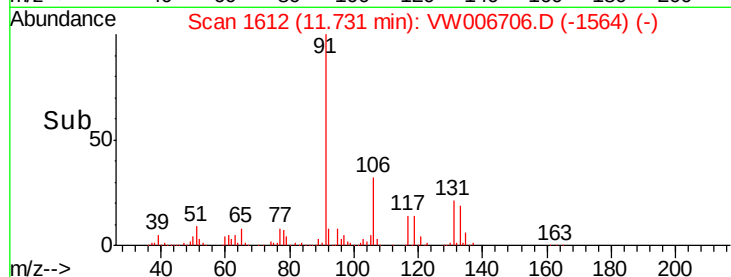
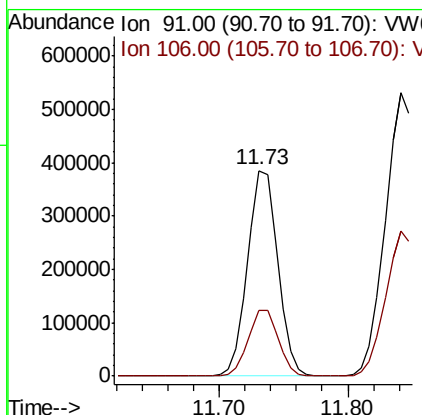
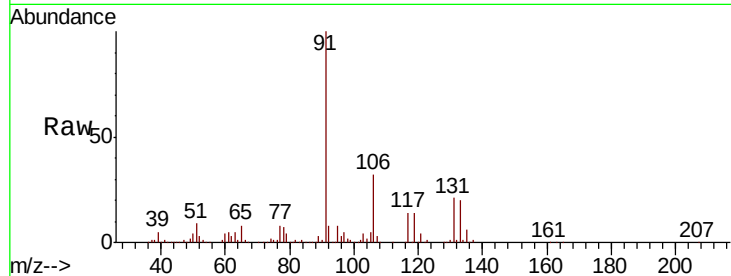




#67
Ethyl Benzene
Concen: 54.505 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

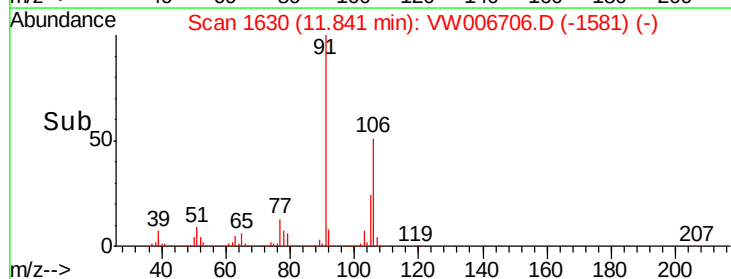
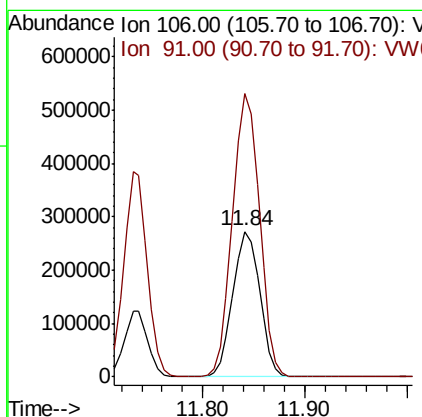
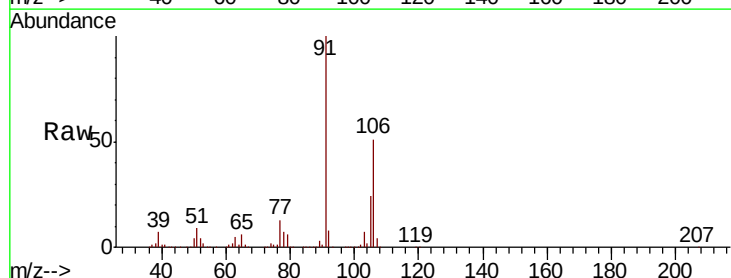
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

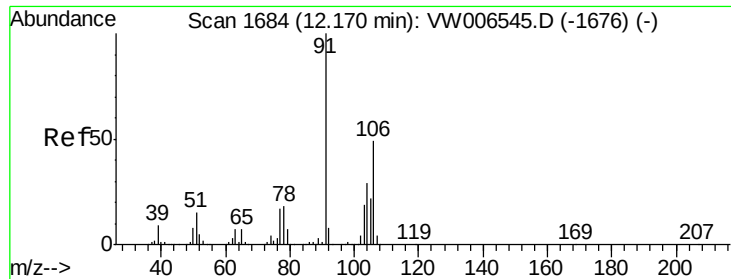
Tot Ion: 91 Resp: 621889
Ion Ratio Lower Upper
91 100
106 32.1 26.3 39.5



#68
m/p-Xylenes
Concen: 110.086 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 106 Resp: 501823
Ion Ratio Lower Upper
106 100
91 194.6 156.7 235.1

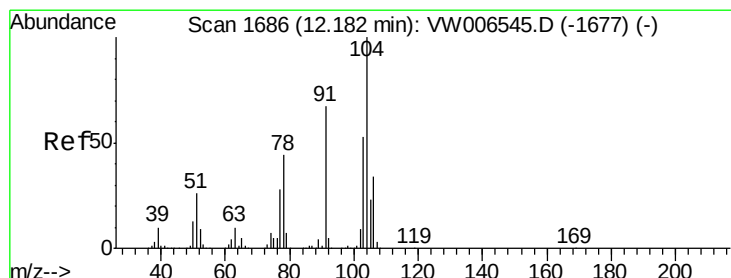
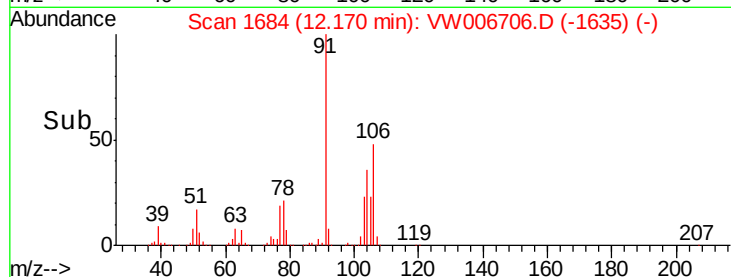
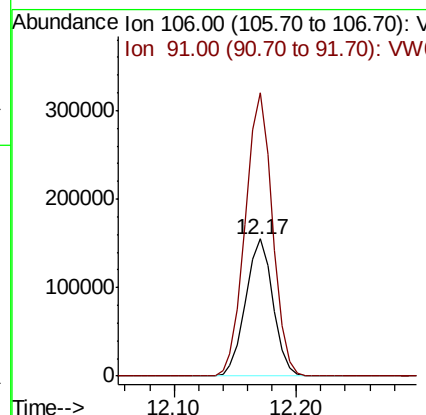
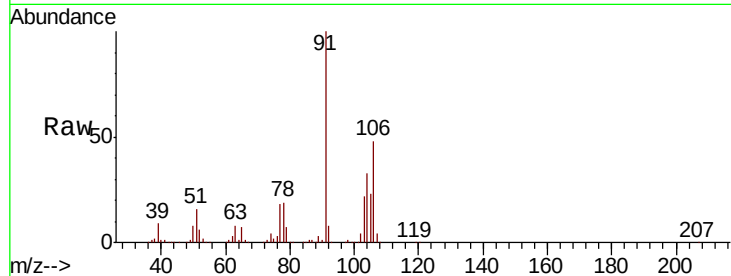




#69
o-Xylene
Concen: 55.413 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

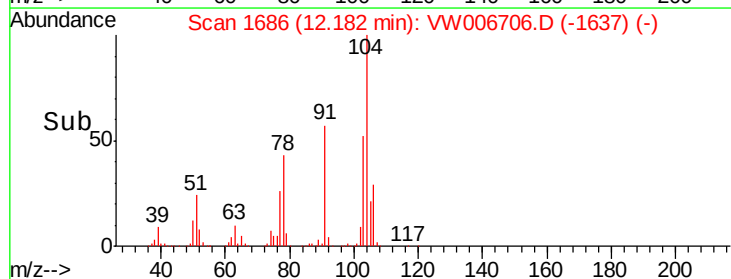
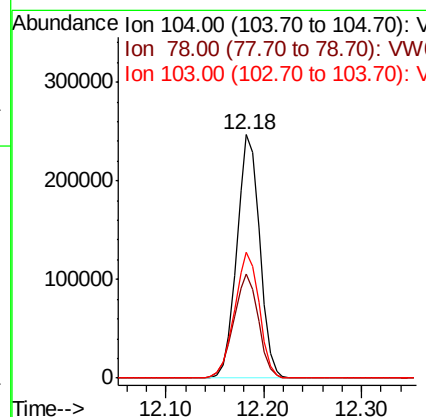
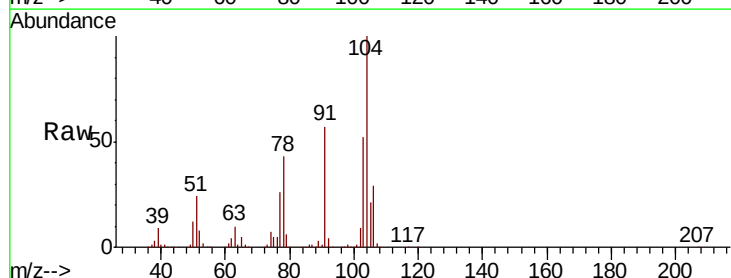
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

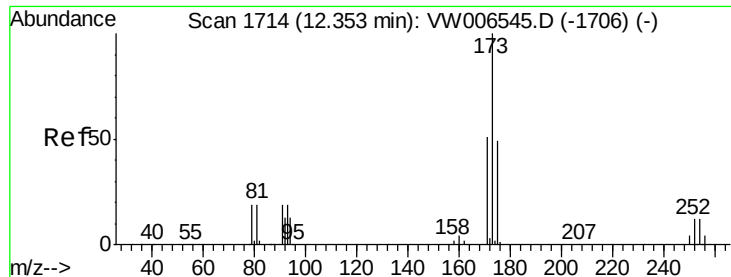
Tot Ion:106 Resp: 240480
Ion Ratio Lower Upper
106 100
91 205.3 102.8 308.4



#70
Styrene
Concen: 56.443 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion:104 Resp: 399349
Ion Ratio Lower Upper
104 100
78 46.1 37.2 55.8
103 55.6 44.2 66.2





#71

Bromoform

Concen: 58.370 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

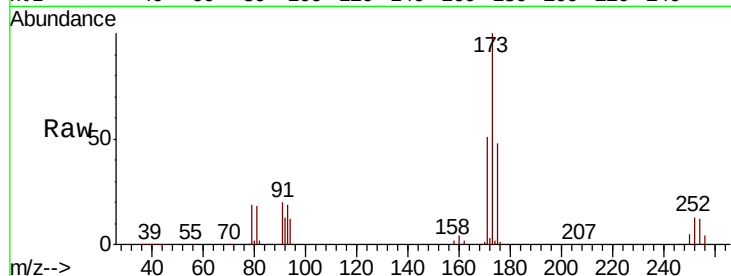
Tot Ion:173 Resp: 74237

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

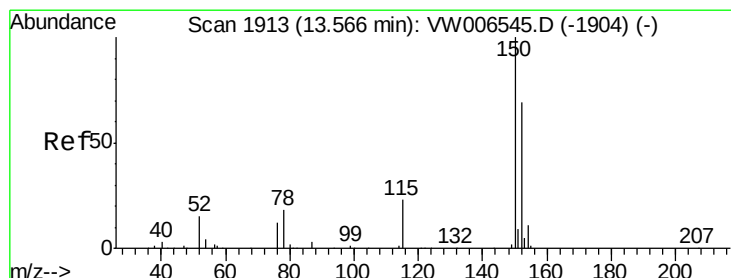
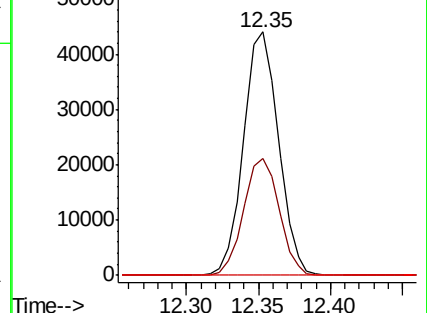
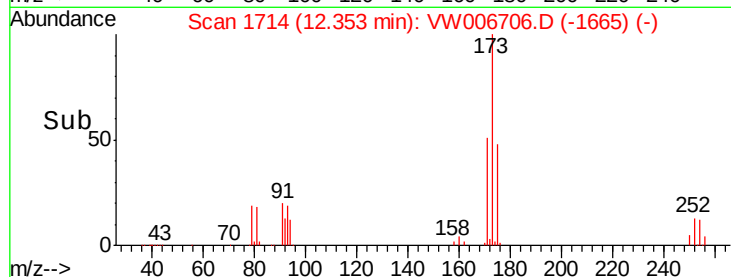
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

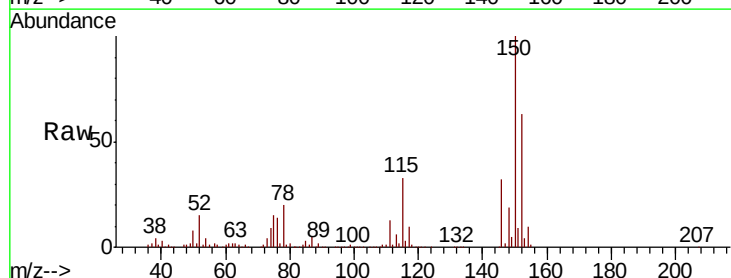
Tgt Ion:152 Resp: 187436

Ion Ratio Lower Upper

152 100

115 54.4 26.6 79.8

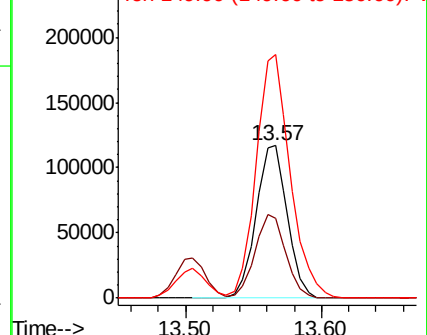
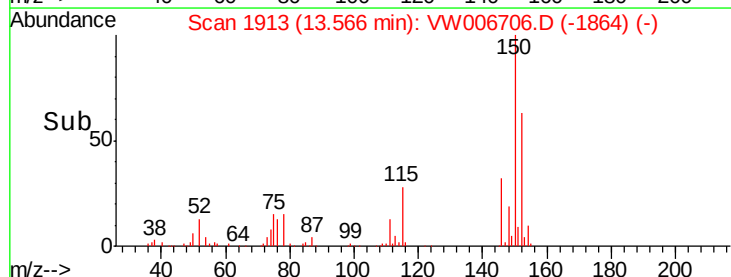
150 174.6 0.0 344.6

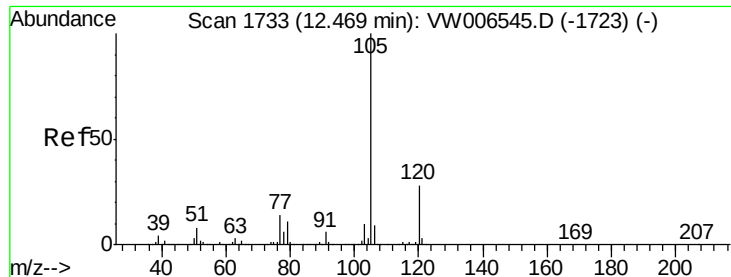


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.837 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

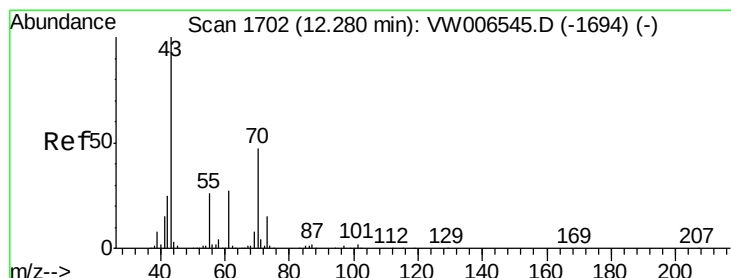
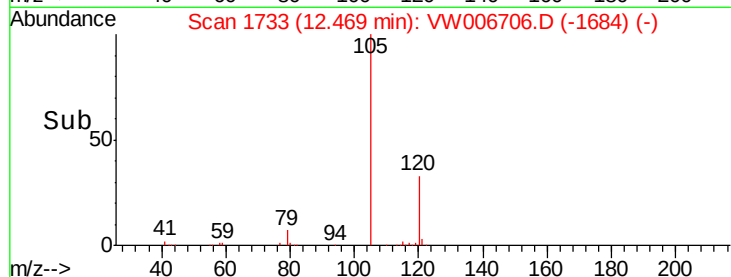
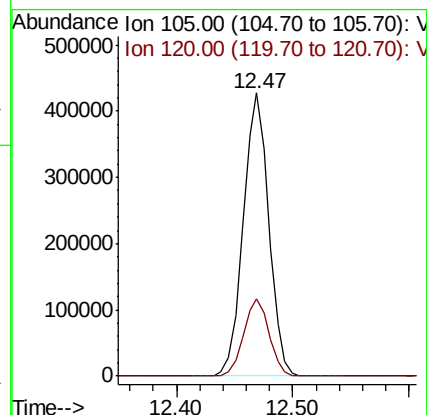
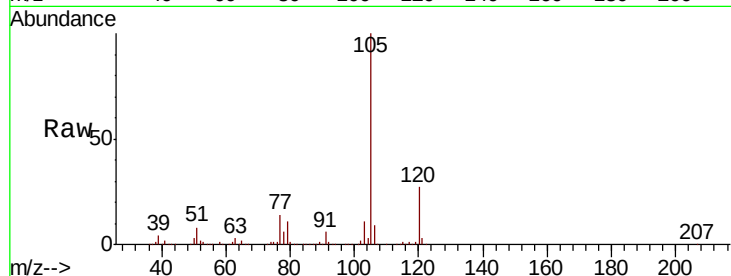
VSTDCCC050

Tot Ion:105 Resp: 652402

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



#74

N-ethyl acetate

Concen: 54.996 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion: 43 Resp: 117343

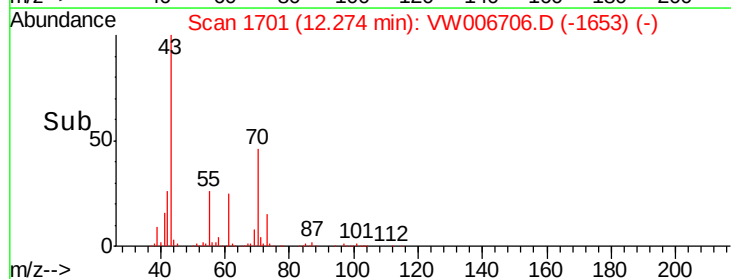
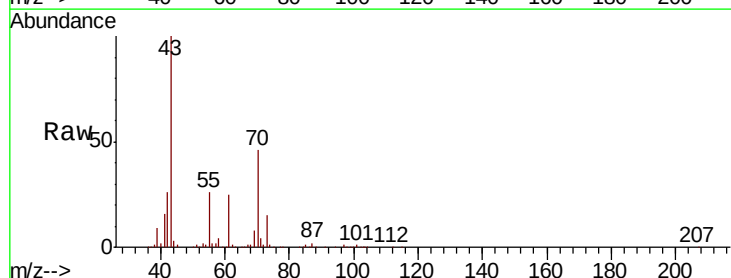
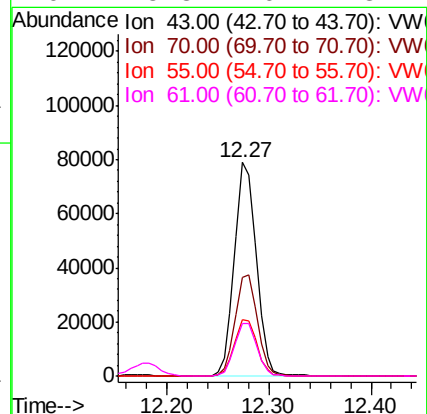
Ion Ratio Lower Upper

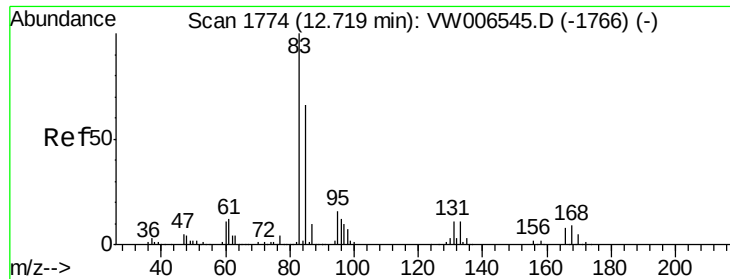
43 100

70 47.9 36.9 55.3

55 27.0 20.7 31.1

61 25.3 20.7 31.1

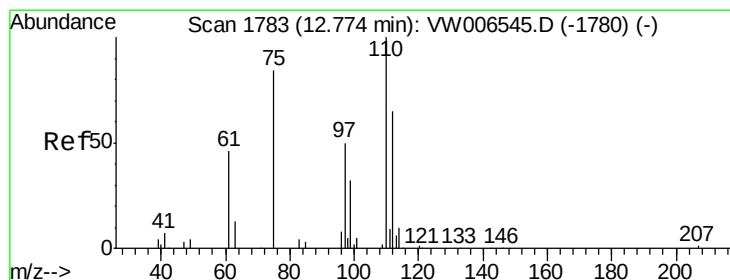
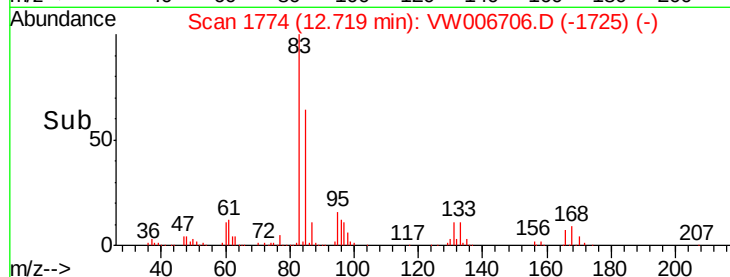
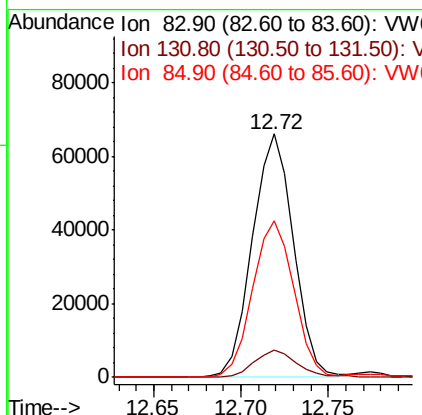
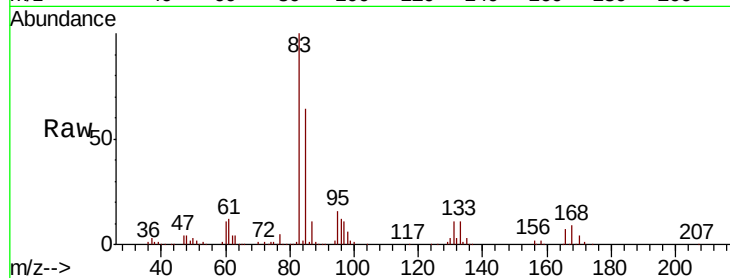




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.281 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

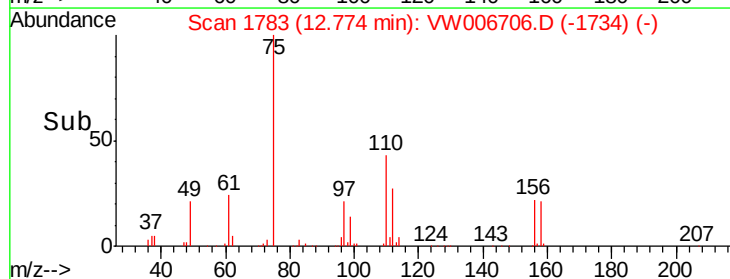
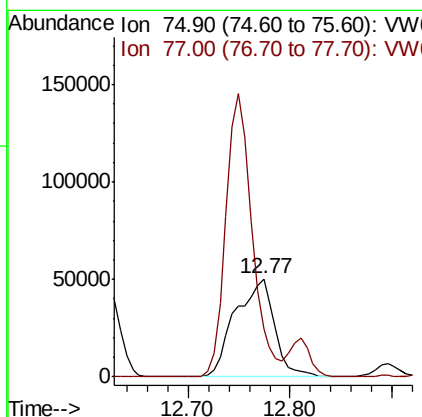
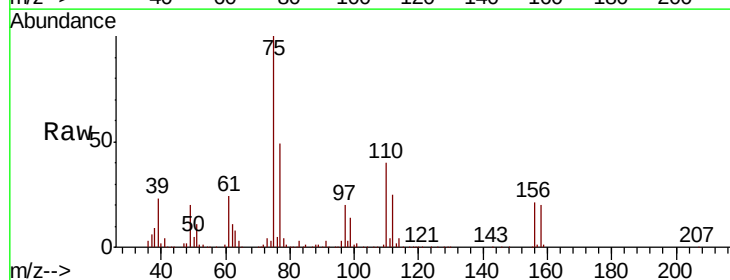
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

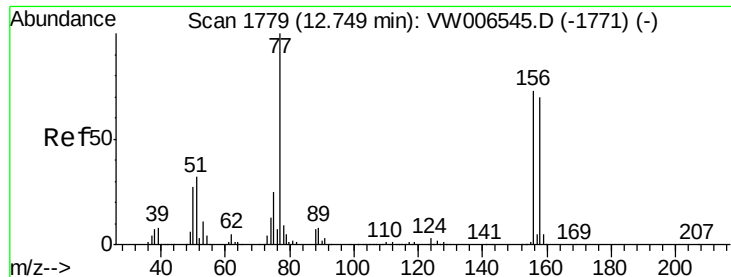
Tot Ion: 83 Resp: 107807
 Ion Ratio Lower Upper
 83 100
 131 11.9 5.9 17.7
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 92.370 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 75 Resp: 135084
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.718 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

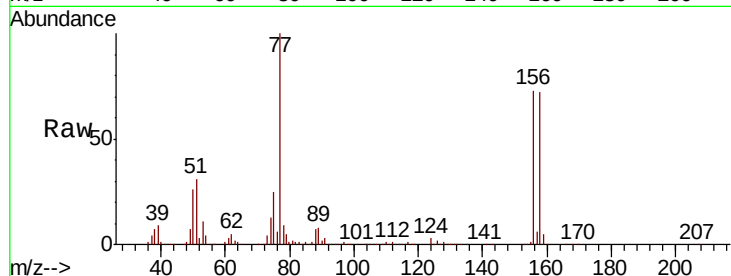
Tot Ion:156 Resp: 171729

Ion Ratio Lower Upper

156 100

77 152.2 75.9 227.8

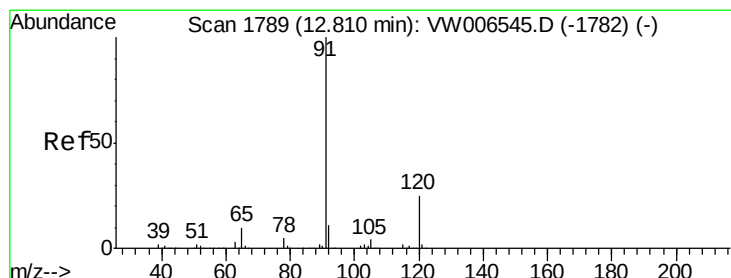
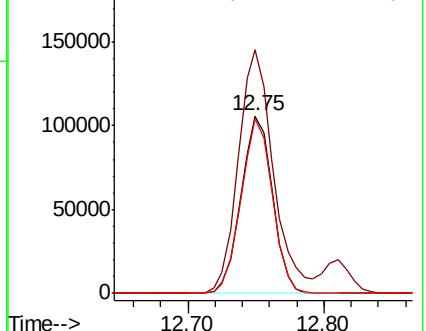
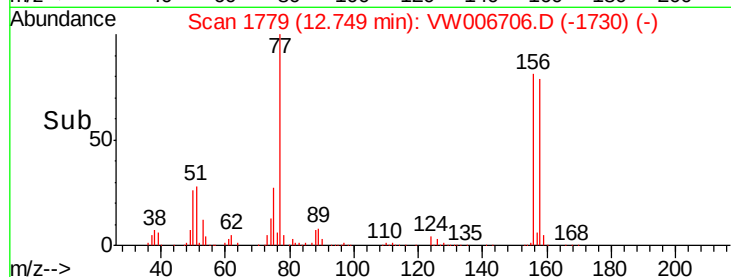
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.574 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006706.D

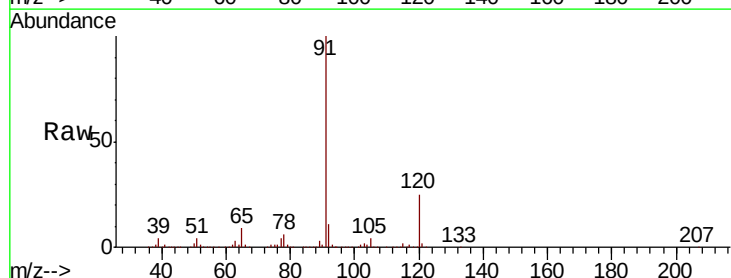
Acq: 07 Nov 2018 01:10

Tgt Ion: 91 Resp: 760871

Ion Ratio Lower Upper

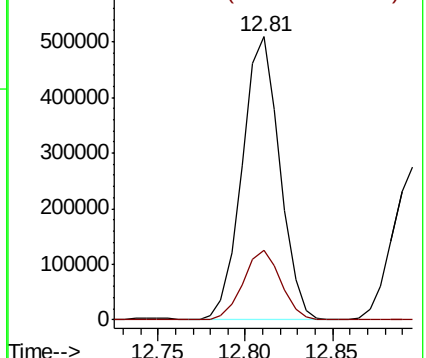
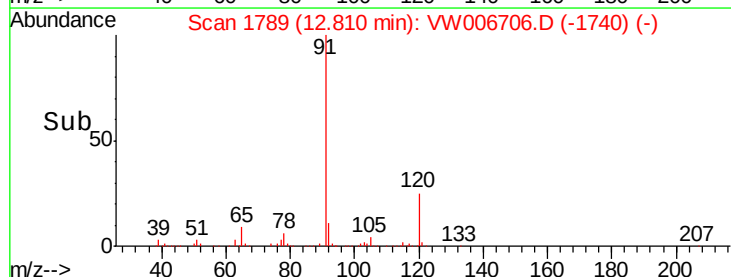
91 100

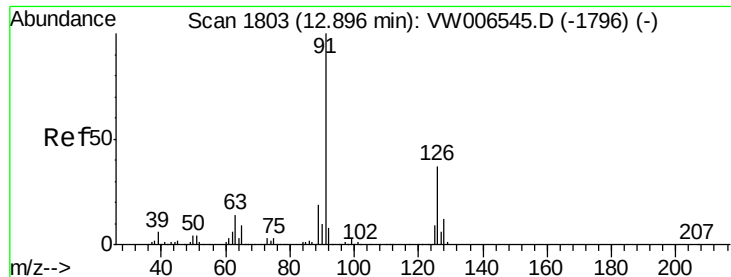
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.360 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

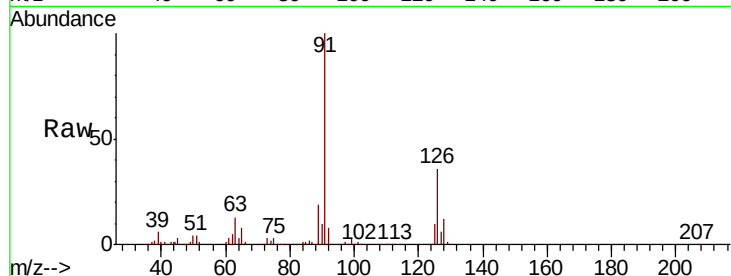
VSTDCCC050

Tot Ion: 91 Resp: 434915

Ion Ratio Lower Upper

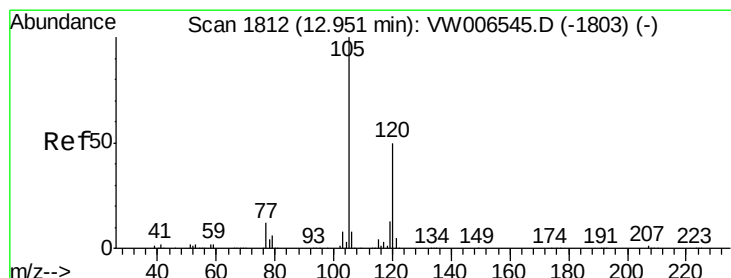
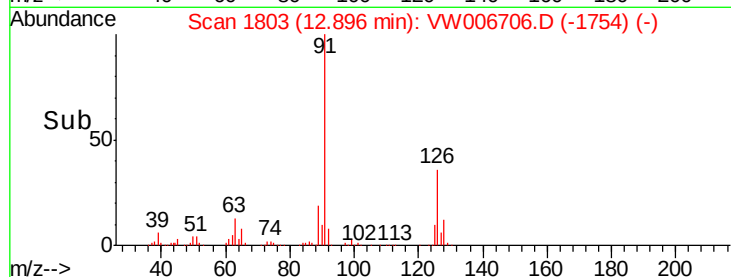
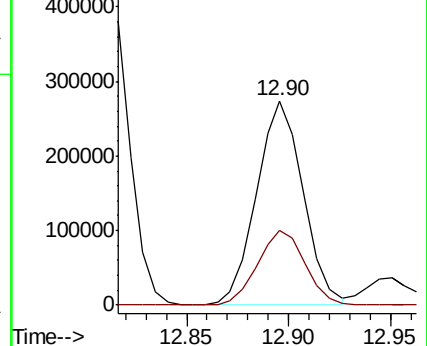
91 100

126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.569 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006706.D

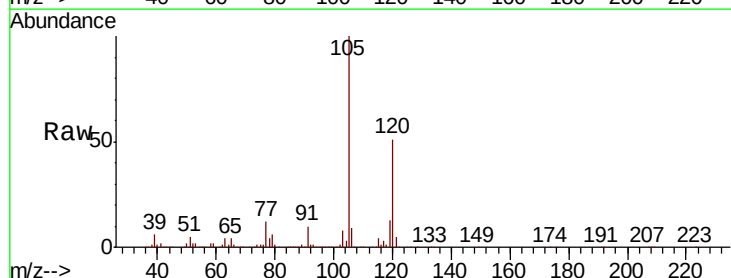
Acq: 07 Nov 2018 01:10

Tgt Ion:105 Resp: 555691

Ion Ratio Lower Upper

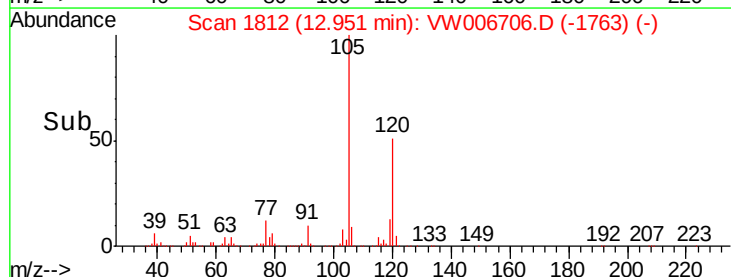
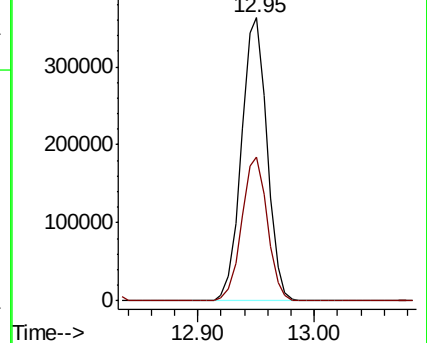
105 100

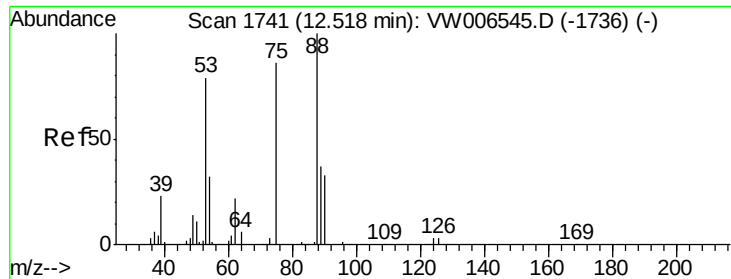
120 50.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

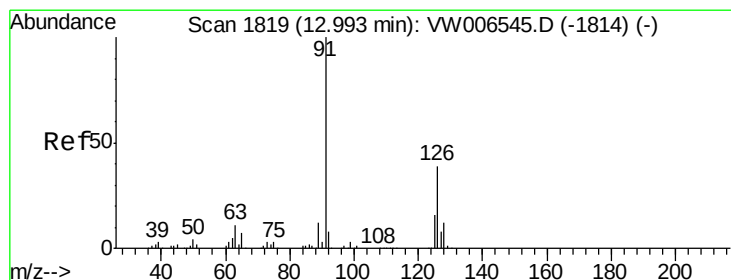
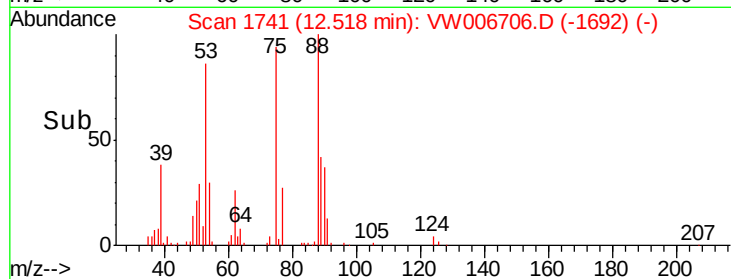
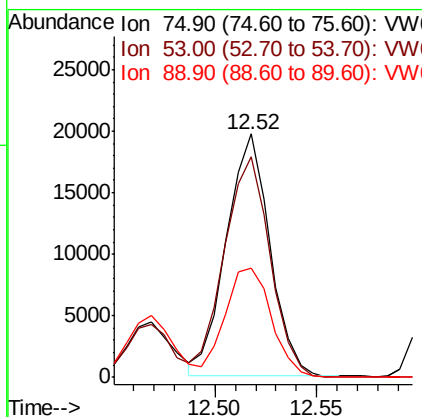
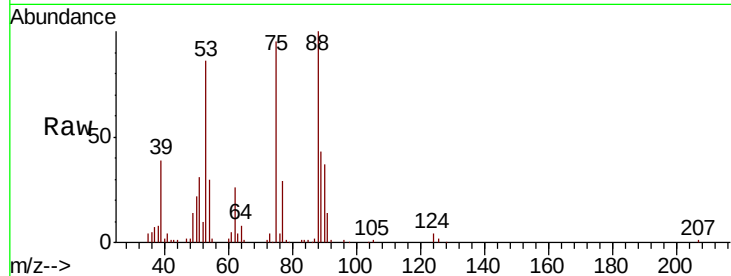




#81
trans-1,4-Dichloro-2-butene
Concen: 51.664 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

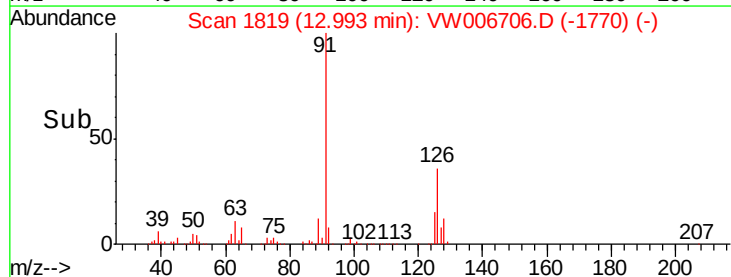
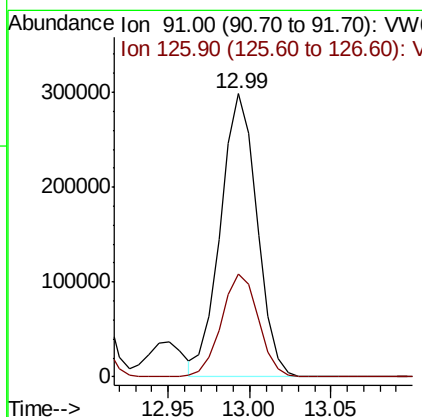
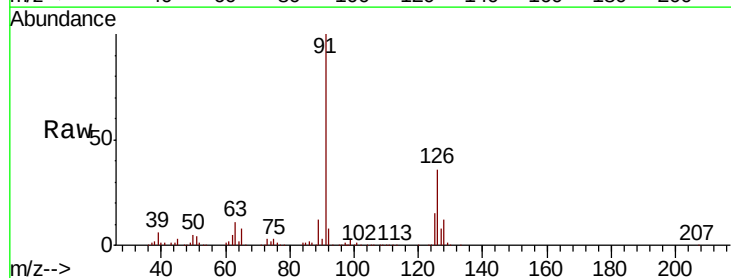
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

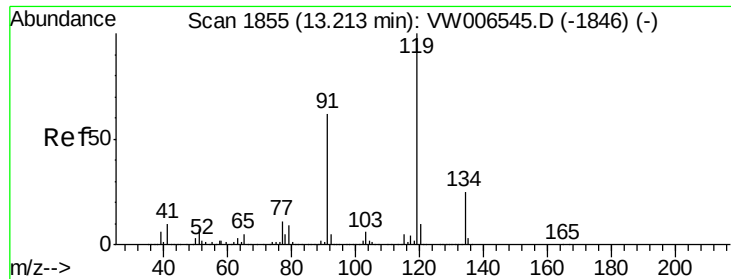
Tot Ion: 75 Resp: 29228
Ion Ratio Lower Upper
75 100
53 96.3 77.2 115.8
89 47.7 38.6 58.0



#82
4-Chlorotoluene
Concen: 53.955 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 91 Resp: 465257
Ion Ratio Lower Upper
91 100
126 36.7 18.5 55.5

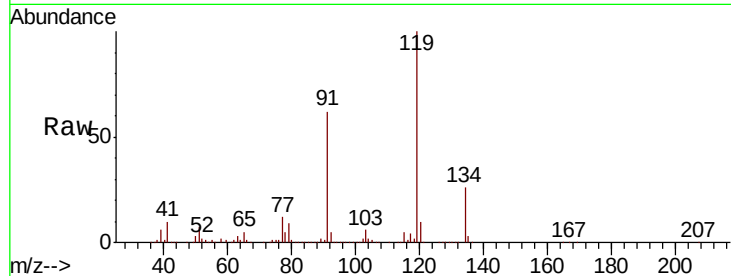




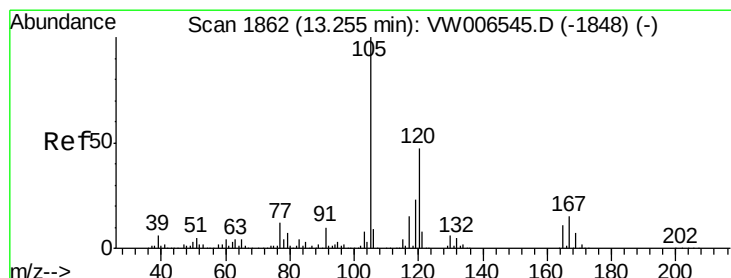
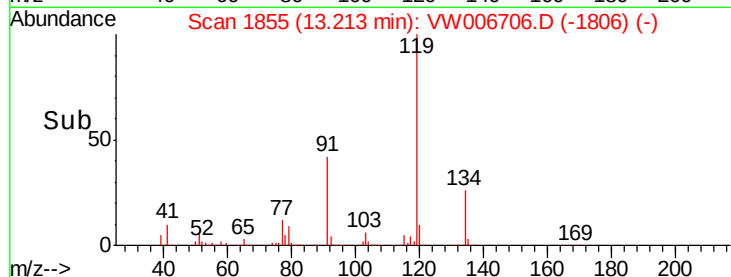
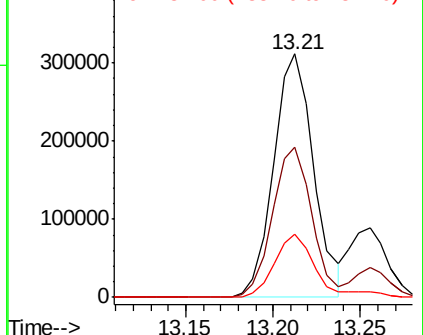
#83
 tert-Butylbenzene
 Concen: 53.919 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 498784
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.4 91.3
 134 26.7 13.5 40.4

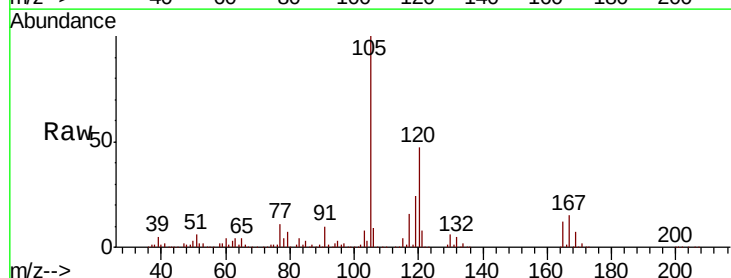


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

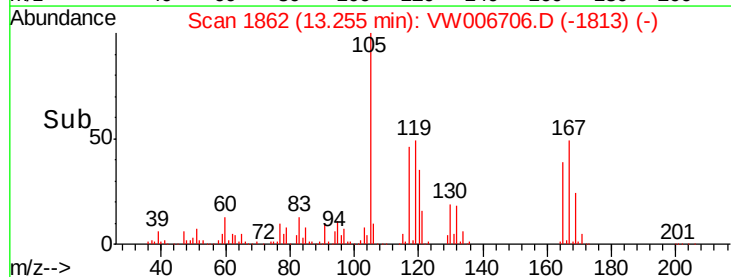
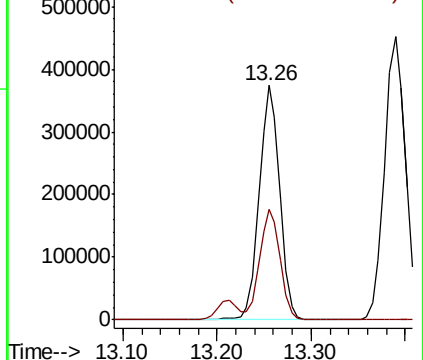


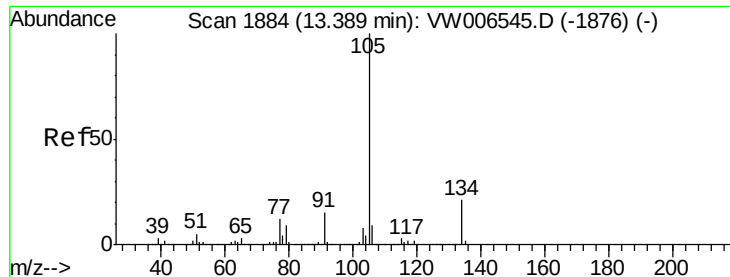
#84
 1,2,4-Trimethylbenzene
 Concen: 54.066 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion:105 Resp: 575263
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.830 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

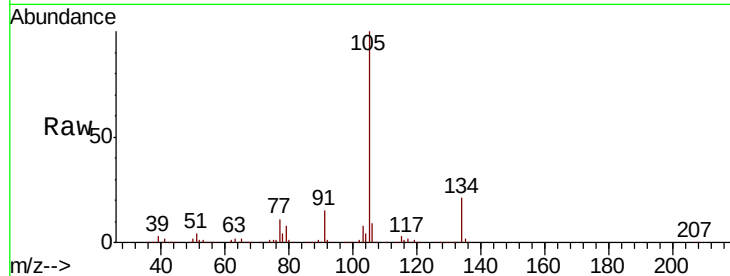
VSTDCCC050

Tot Ion:105 Resp: 697425

Ion Ratio Lower Upper

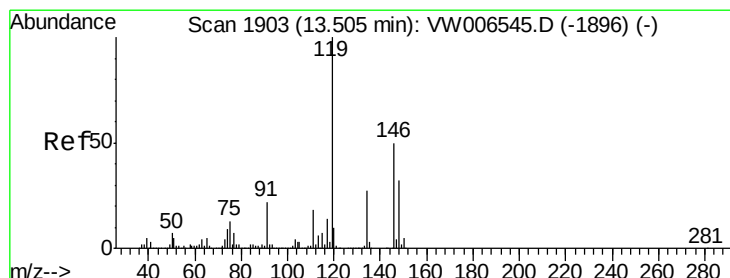
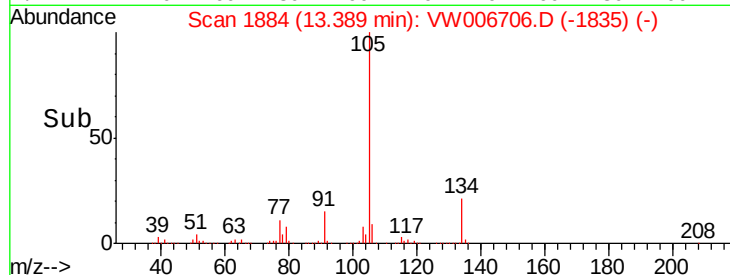
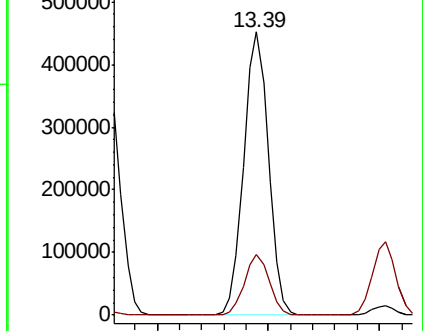
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.888 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

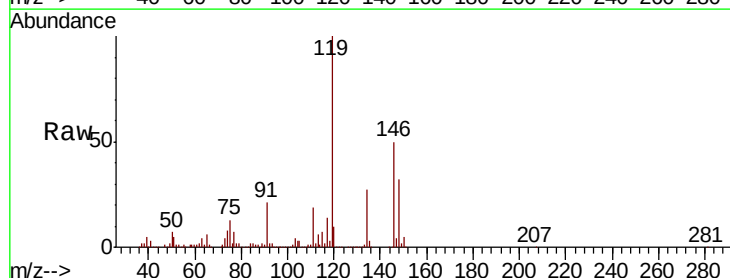
Tgt Ion:119 Resp: 635286

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

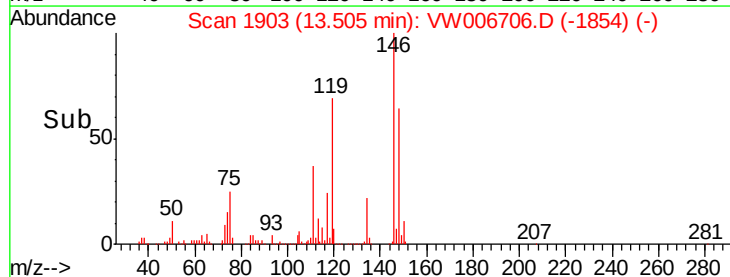
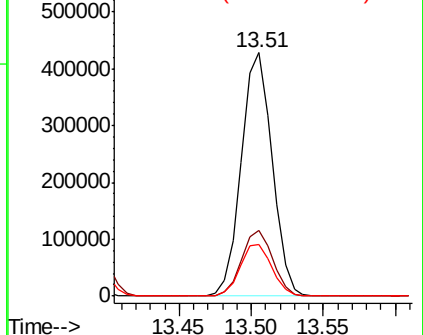
91 21.9 10.9 32.6

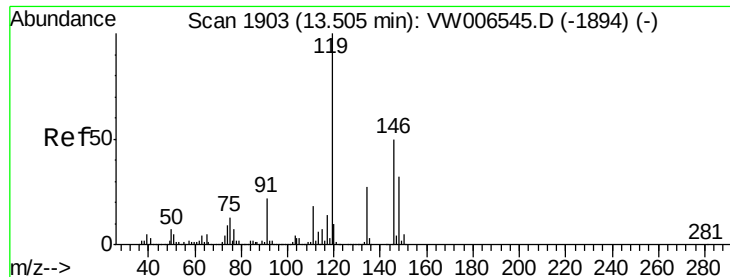


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

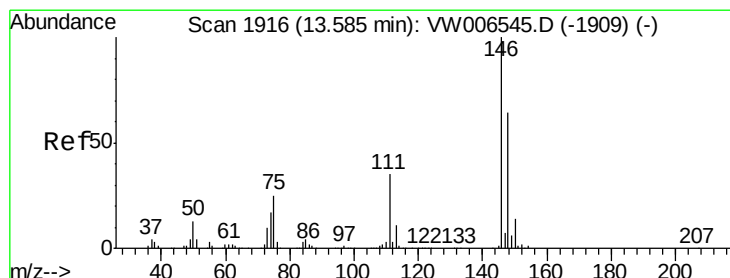
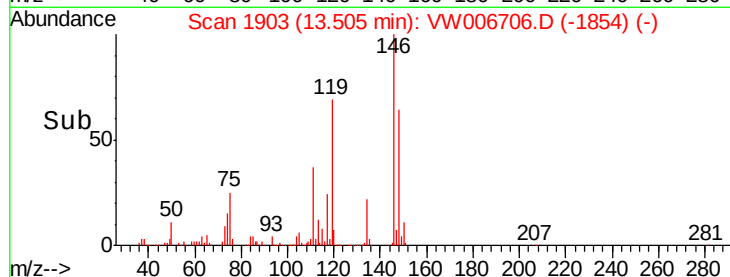
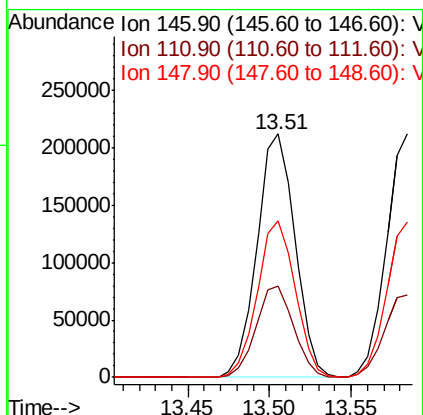
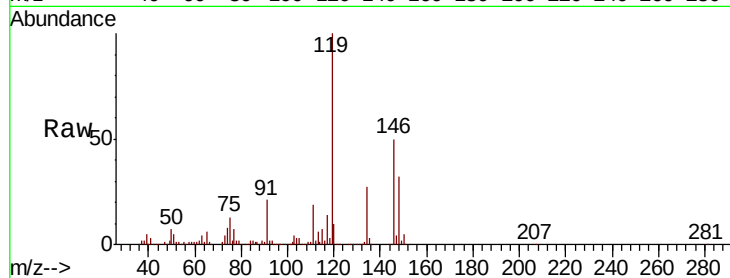




#87
 1,3-Dichlorobenzene
 Concen: 54.373 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

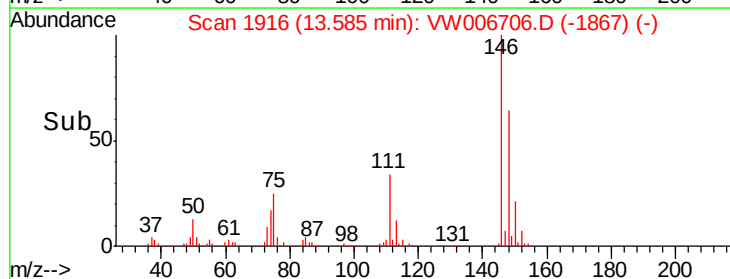
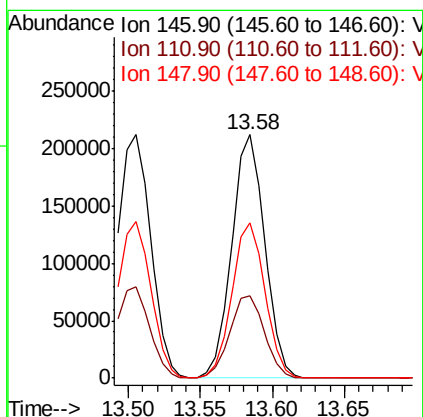
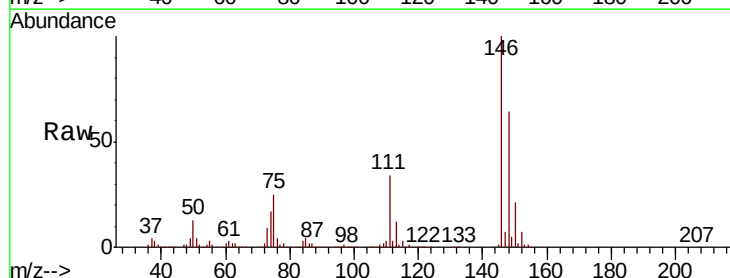
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

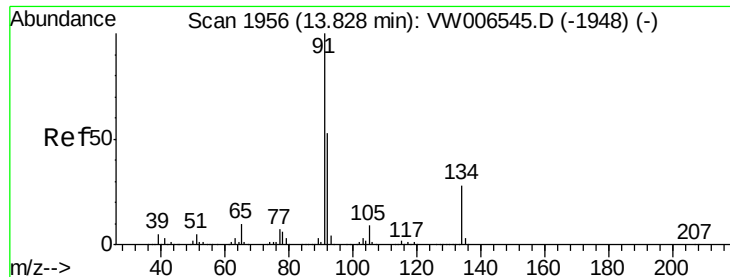
Tot Ion:146 Resp: 342327
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.6
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.383 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion:146 Resp: 339389
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.9 53.7
 148 63.9 32.1 96.5

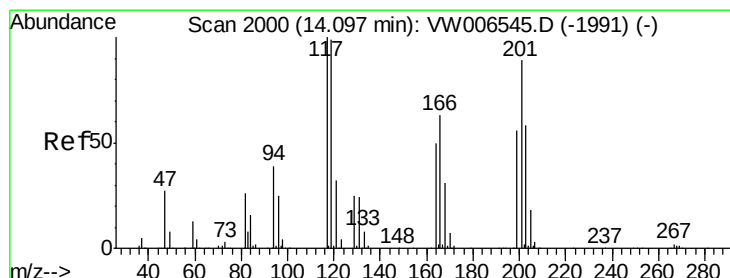
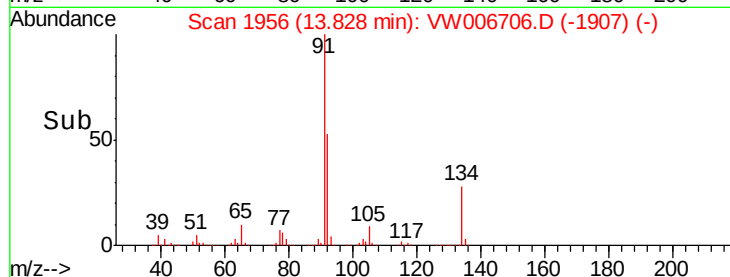
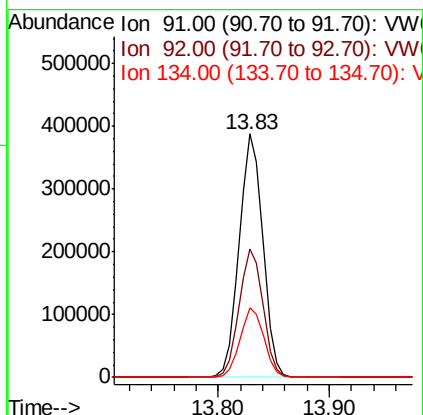
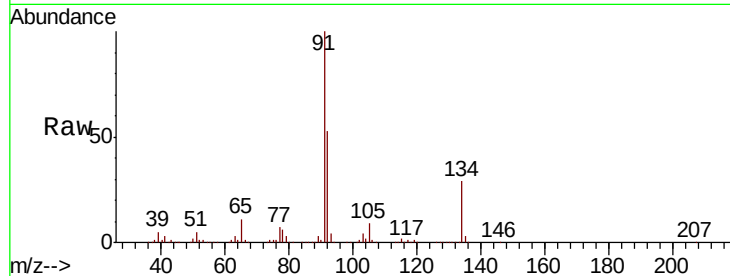




#89
n-Butylbenzene
Concen: 54.368 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

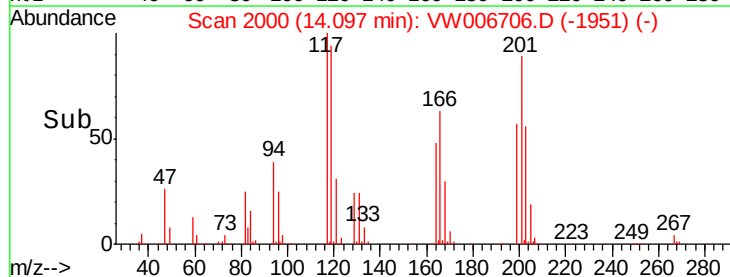
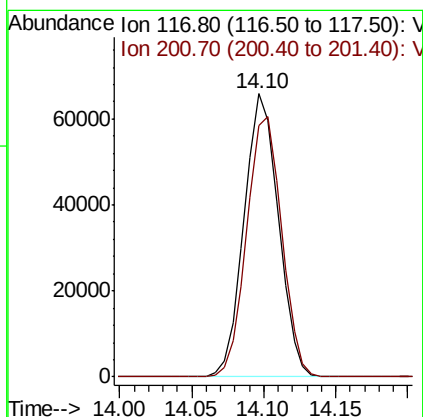
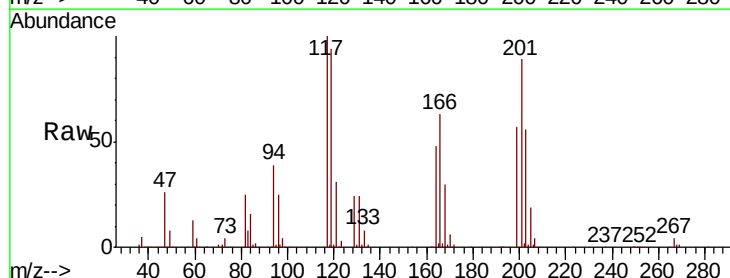
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

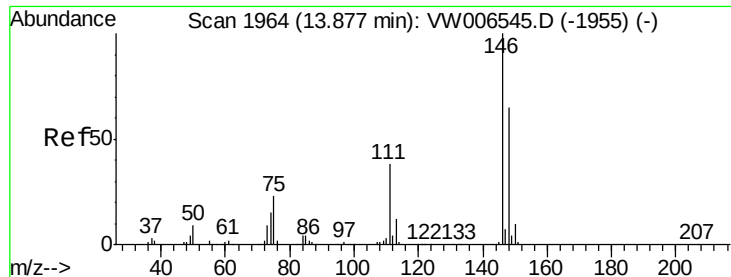
Tot Ion: 91 Resp: 568959
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 56.102 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 117 Resp: 108701
Ion Ratio Lower Upper
117 100
201 93.6 46.8 140.3

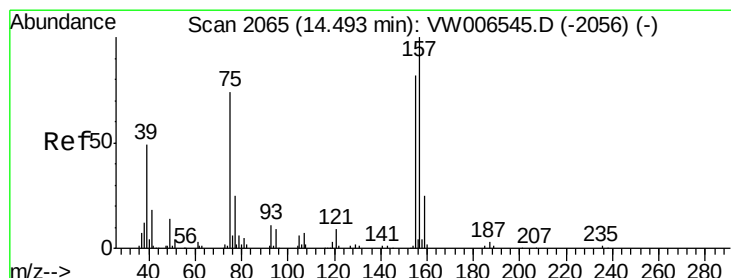
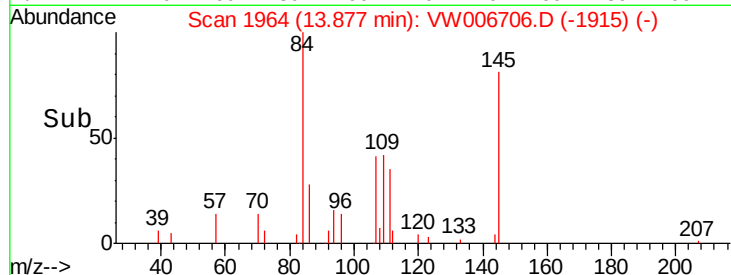
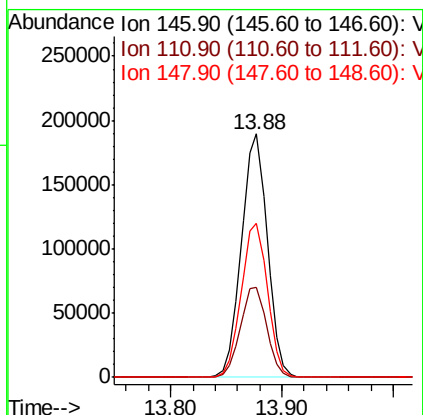
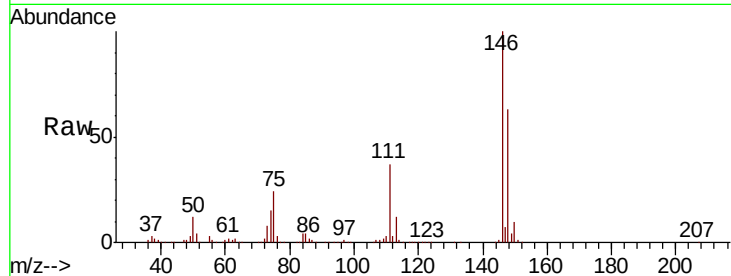




#91
 1,2-Dichlorobenzene
 Concen: 53.997 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

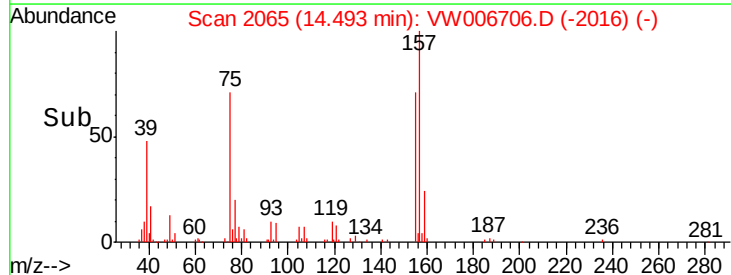
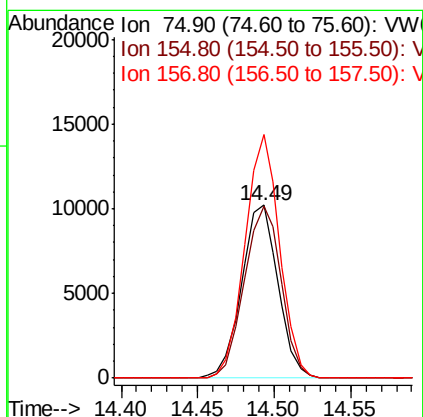
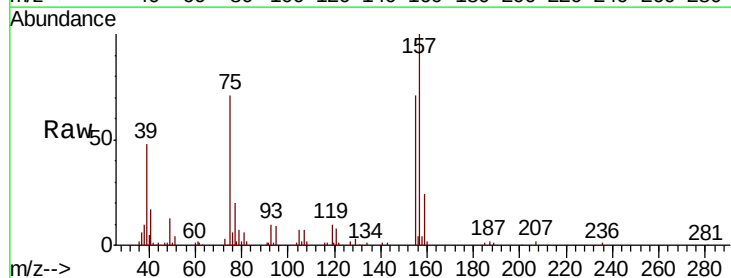
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

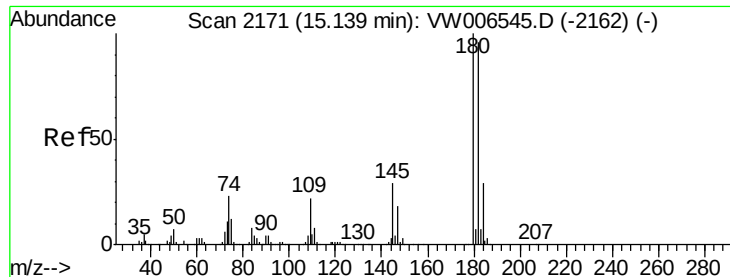
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.398 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.6	50.6	151.8
157	133.5	65.0	195.0

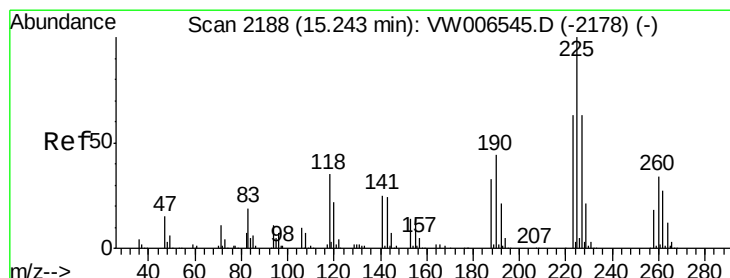
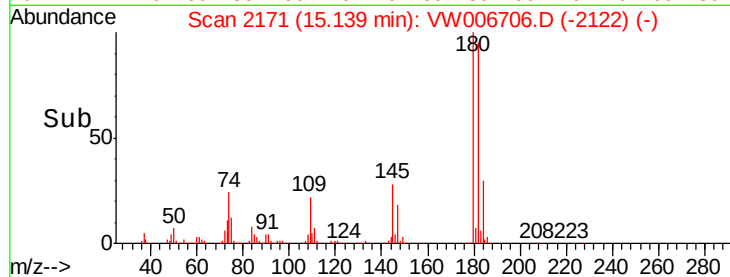
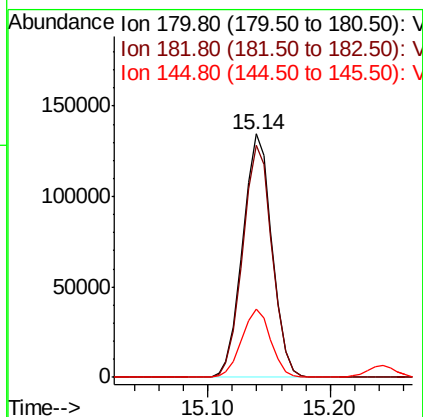
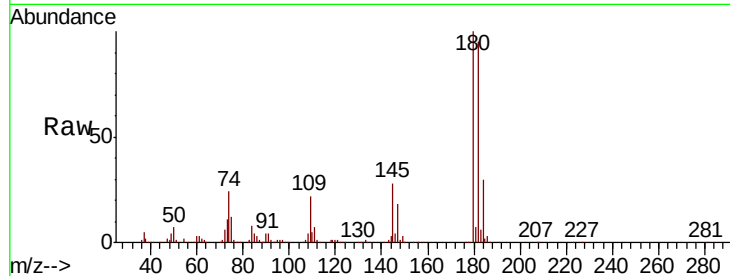




#93
 1,2,4-Trichlorobenzene
 Concen: 53.030 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

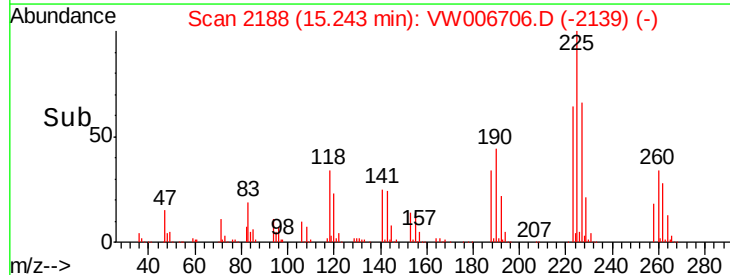
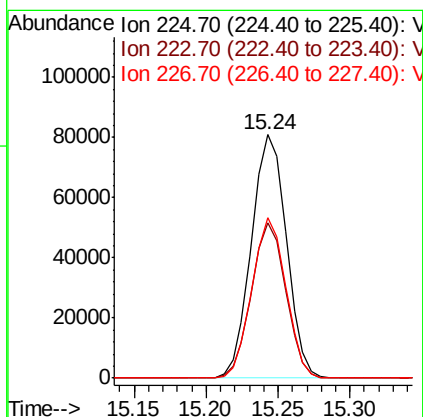
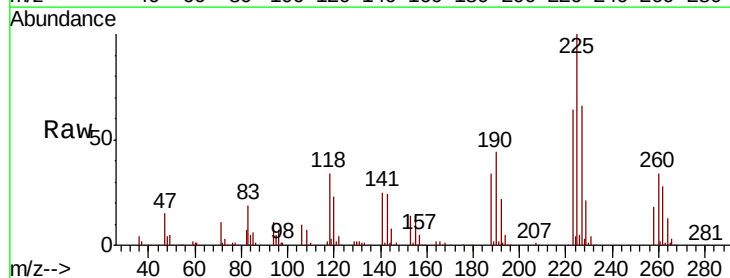
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

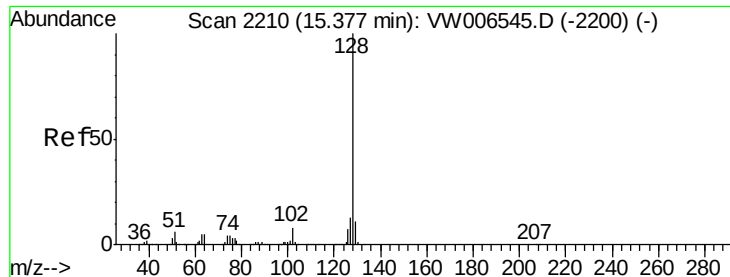
Tot Ion:180 Resp: 223313
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.5 142.6
 145 27.9 14.0 42.0



#94
 Hexachlorobutadiene
 Concen: 51.707 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion:225 Resp: 135707
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.2
 227 64.0 32.2 96.6

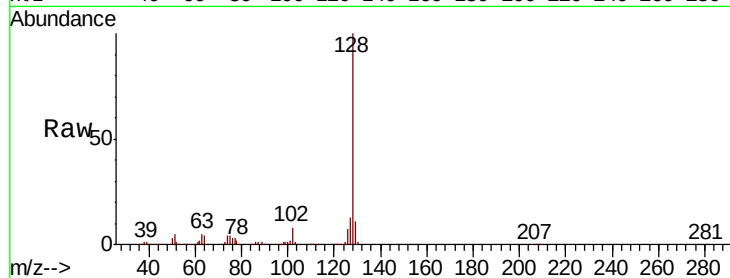




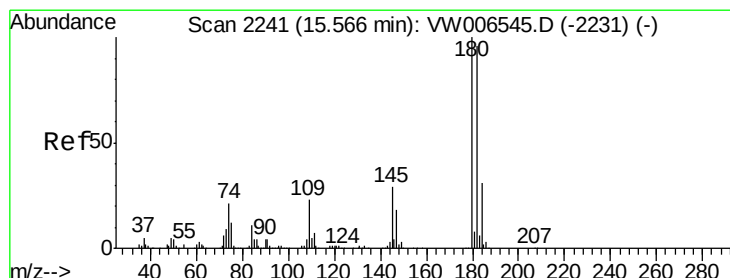
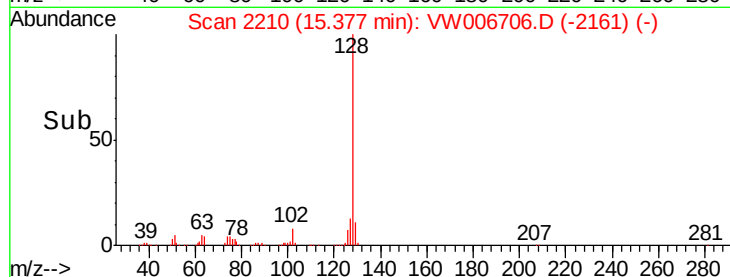
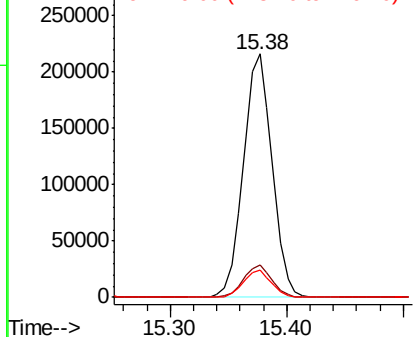
#95
Naphthalene
Concen: 54.957 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 371952
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1

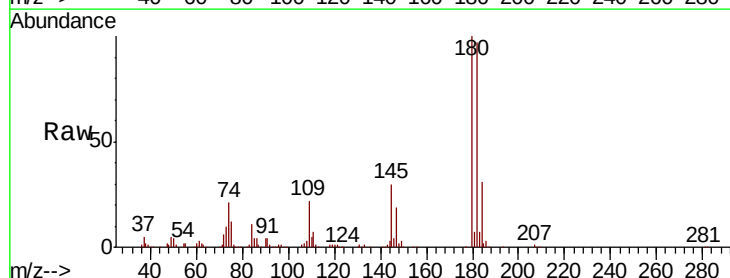


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.287 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion:180 Resp: 197214
Ion Ratio Lower Upper
180 100
182 95.7 48.2 144.6
145 30.0 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

