

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006575.D
 Acq On : 01 Nov 2018 23:26
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 02 07:57:23 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	251464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106974	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	112385	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.33	98	425227	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	155016	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66424	50.955	ug/l	99
3) Chloromethane	2.22	50	80374	49.832	ug/l	98
4) Vinyl Chloride	2.37	62	117293	52.082	ug/l	99
5) Bromomethane	2.78	94	98527	52.130	ug/l	99
6) Chloroethane	2.93	64	80326	51.047	ug/l	97
7) Trichlorofluoromethane	3.26	101	103631	52.108	ug/l	97
8) Diethyl Ether	3.68	74	53405	49.125	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109732	51.671	ug/l	99
10) Methyl Iodide	4.26	142	189730	49.273	ug/l	99
11) Tert butyl alcohol	5.17	59	32317	277.485	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	101528	49.499	ug/l	98
13) Acrolein	3.89	56	40578	277.021	ug/l	99
14) Allyl chloride	4.67	41	138498	51.729	ug/l	99
15) Acrylonitrile	5.37	53	105484	270.610	ug/l	99
16) Acetone	4.12	43	94328	270.293	ug/l	98
17) Carbon Disulfide	4.38	76	305799	52.391	ug/l	100
18) Methyl Acetate	4.67	43	52998	52.812	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	154587	50.632	ug/l	97
20) Methylene Chloride	4.92	84	113083	50.000	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118520	51.065	ug/l	99
22) Diisopropyl ether	6.31	45	297161	53.238	ug/l	99
23) Vinyl Acetate	6.26	43	834927	269.738	ug/l	100
24) 1,1-Dichloroethane	6.21	63	196563	51.960	ug/l	99
25) 2-Butanone	7.17	43	136443	273.989	ug/l	100
26) 2,2-Dichloropropane	7.17	77	115445	50.661	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134567	51.824	ug/l	100
28) Bromochloromethane	7.51	49	78230	52.079	ug/l	97
29) Tetrahydrofuran	7.53	42	86095	274.868	ug/l	99
30) Chloroform	7.68	83	216463	52.191	ug/l	98
31) Cyclohexane	7.96	56	169556	49.246	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	183348	52.243	ug/l	100
36) 1,1-Dichloropropene	8.09	75	165597	52.070	ug/l	99
37) Ethyl Acetate	7.26	43	60133	54.562	ug/l	99
38) Carbon Tetrachloride	8.07	117	176894	53.231	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	207769	51.481	ug/l	100
40) Benzene	8.32	78	480961	53.244	ug/l	100
41) Methacrylonitrile	7.49	41	32620	48.268	ug/l	91
42) 1,2-Dichloroethane	8.40	62	136000	52.498	ug/l	100
43) Isopropyl Acetate	8.43	43	118760	54.001	ug/l	98
44) Trichloroethene	9.10	130	142725	51.202	ug/l	96
45) 1,2-Dichloropropane	9.37	63	112231	53.388	ug/l	96
46) Dibromomethane	9.46	93	63569	51.442	ug/l	99
47) Bromodichloromethane	9.65	83	153258	53.413	ug/l	99
48) Methyl methacrylate	9.44	41	58174	54.903	ug/l	99
49) 1,4-Dioxane	9.45	88	20269	1120.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	307834	272.544	ug/l	99
52) Toluene	10.39	92	313829	51.798	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	145237	52.595	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	171404	52.526	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91578	52.231	ug/l	95
56) Ethyl methacrylate	10.65	69	104109	52.241	ug/l	95
57) 1,3-Dichloropropane	10.93	76	146893	51.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	248861	256.892	ug/l	99
59) 2-Hexanone	10.97	43	210105	273.883	ug/l	99
60) Dibromochloromethane	11.13	129	109235	52.583	ug/l	97
61) 1,2-Dibromoethane	11.24	107	90300	51.862	ug/l	100
64) Tetrachloroethene	10.87	164	136573	52.621	ug/l	97
65) Chlorobenzene	11.66	112	362725	52.942	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	130032	53.997	ug/l	99
67) Ethyl Benzene	11.74	91	617005	53.879	ug/l	97
68) m/p-Xylenes	11.84	106	496726	108.569	ug/l	97
69) o-Xylene	12.17	106	231465	53.141	ug/l	99
70) Styrene	12.18	104	382785	53.903	ug/l	100
71) Bromoform	12.35	173	68247	53.463	ug/l #	97
73) Isopropylbenzene	12.47	105	632212	49.344	ug/l	99
74) N-amyl acetate	12.28	43	113709	51.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	103035	50.916	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	130539	86.022	ug/l #	100
77) Bromobenzene	12.75	156	167438	50.474	ug/l	98
78) n-propylbenzene	12.81	91	770877	52.309	ug/l	98
79) 2-Chlorotoluene	12.90	91	432145	51.095	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	563039	52.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	27635	47.312	ug/l	99
82) 4-Chlorotoluene	12.99	91	443373	49.551	ug/l	99
83) tert-Butylbenzene	13.21	119	497475	51.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	555319	50.297	ug/l	99
85) sec-Butylbenzene	13.39	105	692093	51.479	ug/l	100
86) p-Isopropyltoluene	13.51	119	645215	52.744	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	334536	51.207	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	324024	50.036	ug/l	99
89) n-Butylbenzene	13.83	91	553363	50.958	ug/l	99
90) Hexachloroethane	14.10	117	106852	53.146	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	301058	51.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16225	49.413	ug/l	97

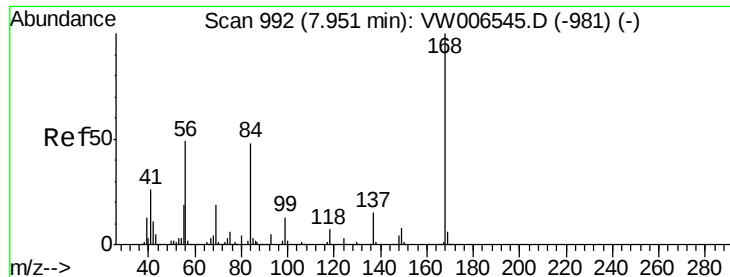
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QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208713	47.764	ug/l	98
94) Hexachlorobutadiene	15.24	225	132669	48.715	ug/l	99
95) Naphthalene	15.38	128	351009	49.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183984	47.908	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: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

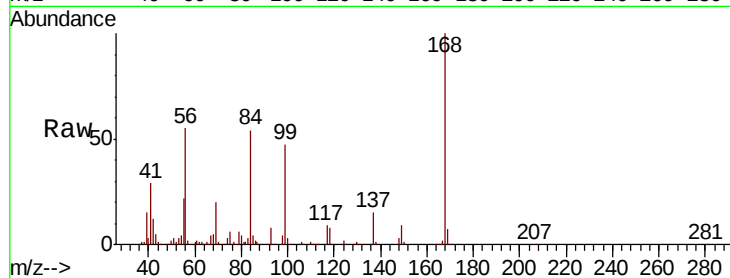
VSTDCCC050

Tgt Ion:168 Resp: 251464

Ion Ratio Lower Upper

168 100

99 47.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

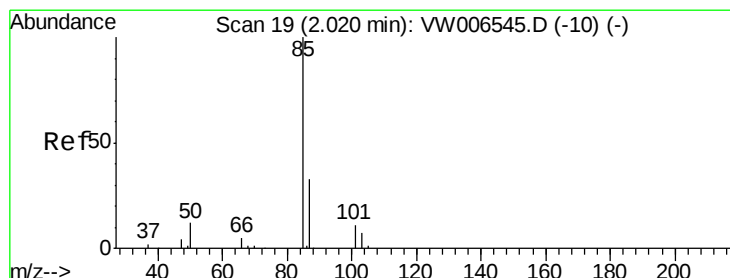
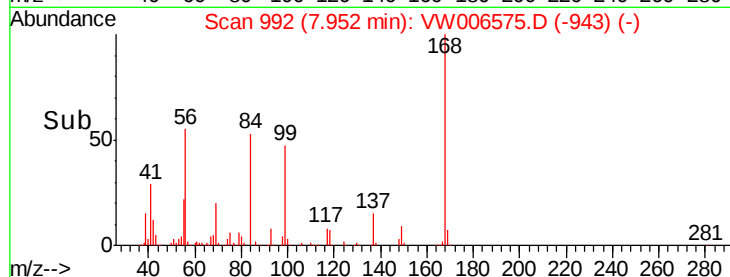
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.955 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006575.D

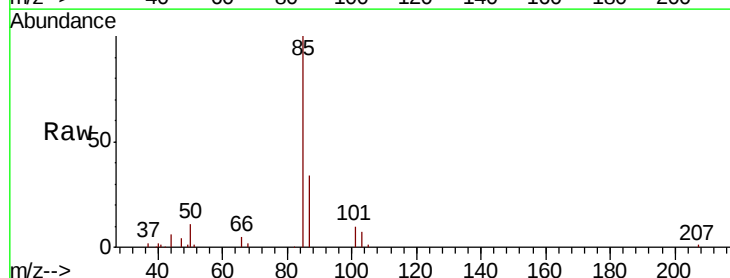
Acq: 01 Nov 2018 23:26

Tgt Ion: 85 Resp: 66424

Ion Ratio Lower Upper

85 100

87 33.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

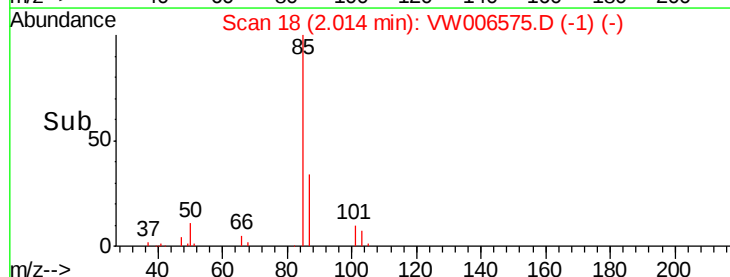
15000

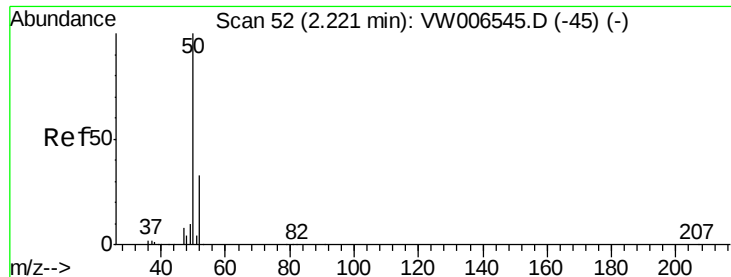
10000

5000

0

Time-->





#3

Chloromethane

Concen: 49.832 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

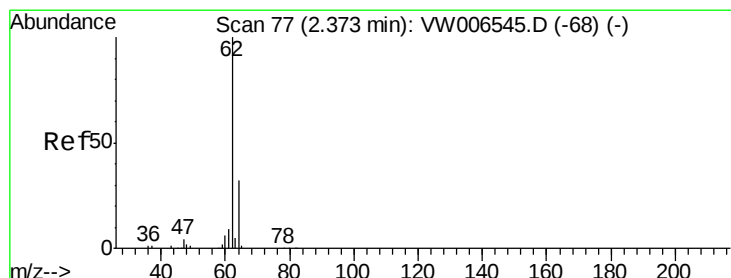
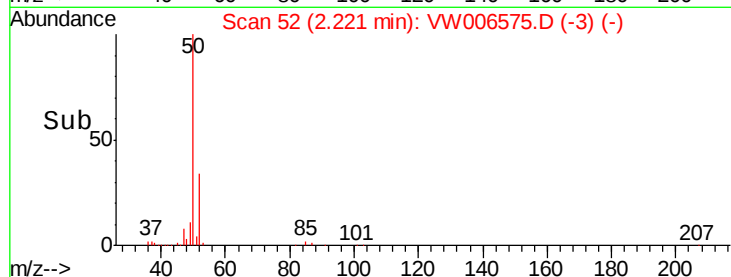
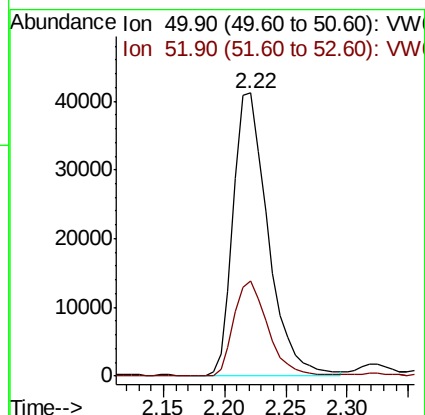
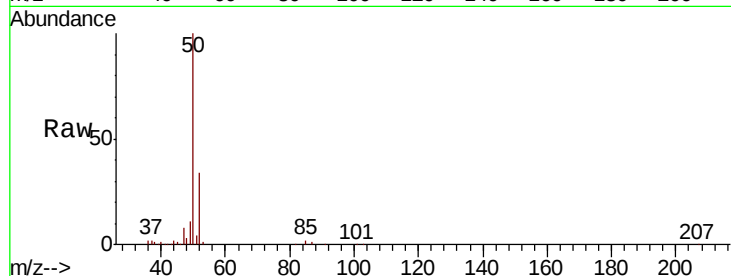
VSTDCCC050

Tgt Ion: 50 Resp: 80374

Ion Ratio Lower Upper

50 100

52 33.7 26.2 39.4



#4

Vinyl Chloride

Concen: 52.082 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006575.D

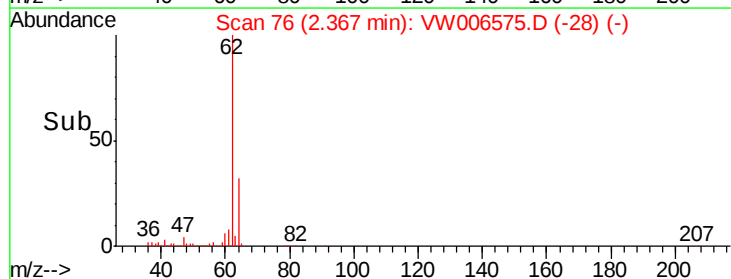
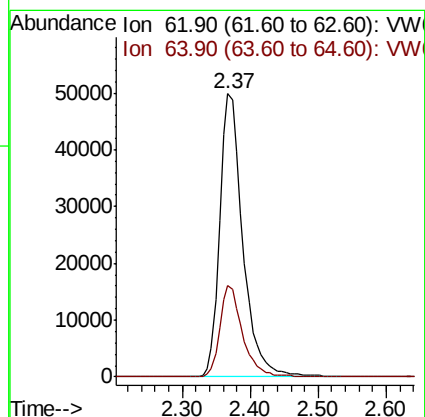
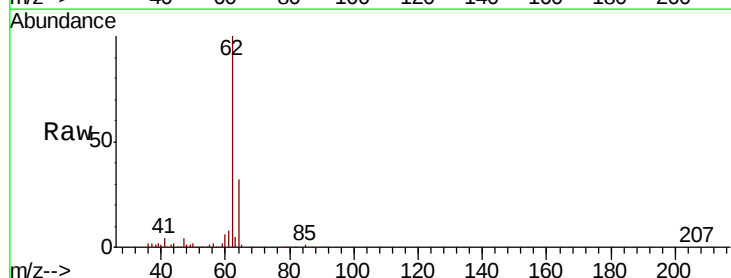
Acq: 01 Nov 2018 23:26

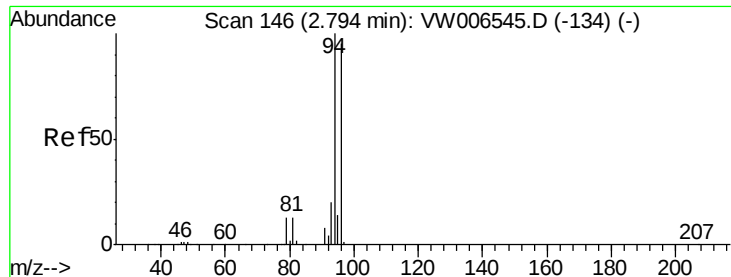
Tgt Ion: 62 Resp: 117293

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 52.130 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

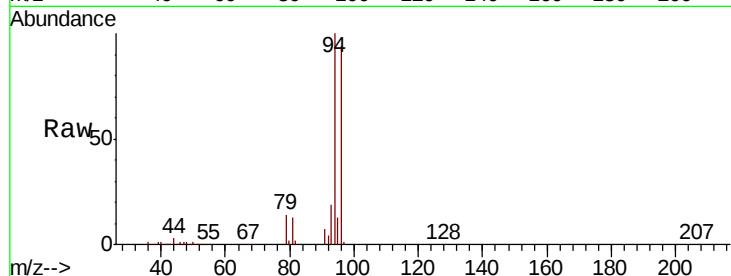
VSTDCCC050

Tgt Ion: 94 Resp: 98527

Ion Ratio Lower Upper

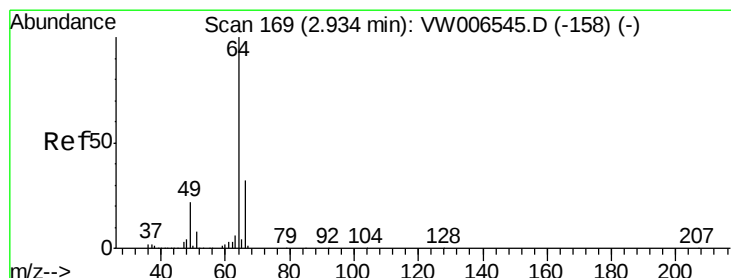
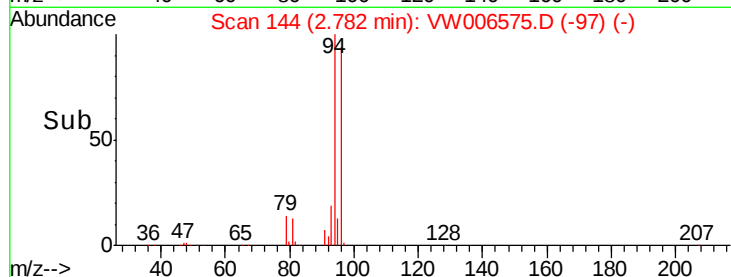
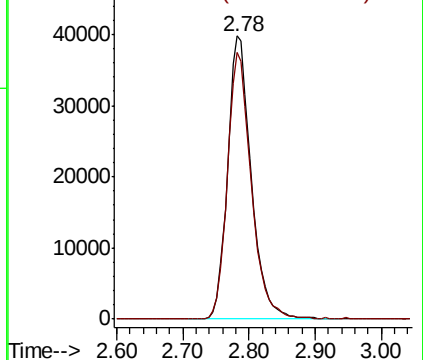
94 100

96 94.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.047 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006575.D

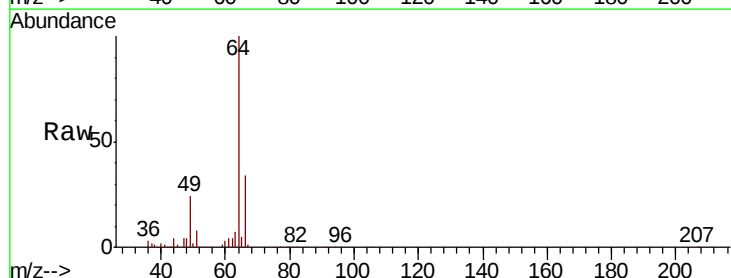
Acq: 01 Nov 2018 23:26

Tgt Ion: 64 Resp: 80326

Ion Ratio Lower Upper

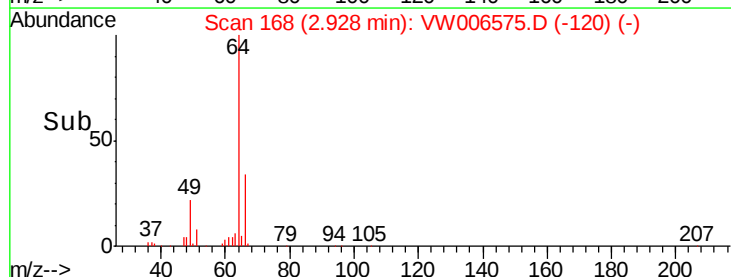
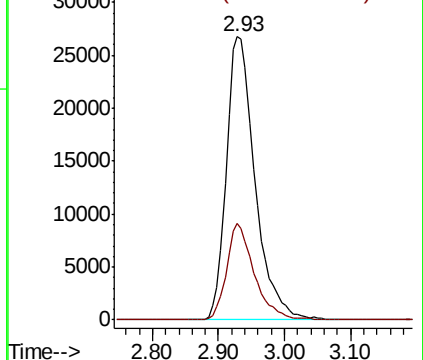
64 100

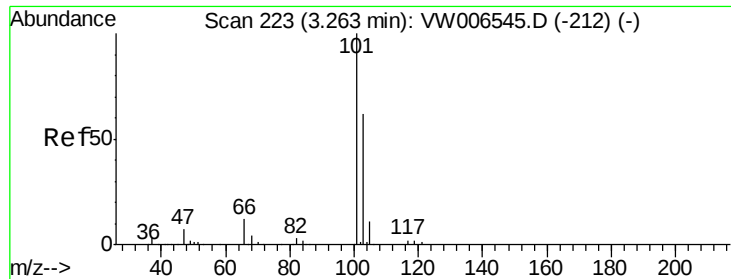
66 34.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



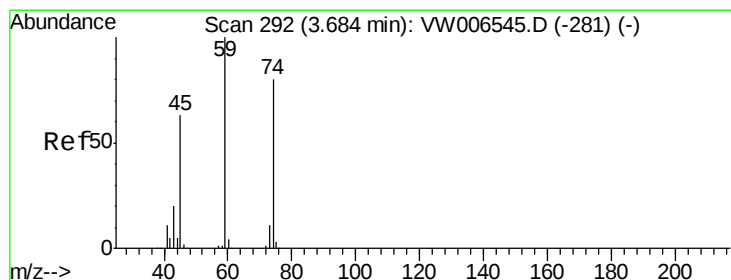
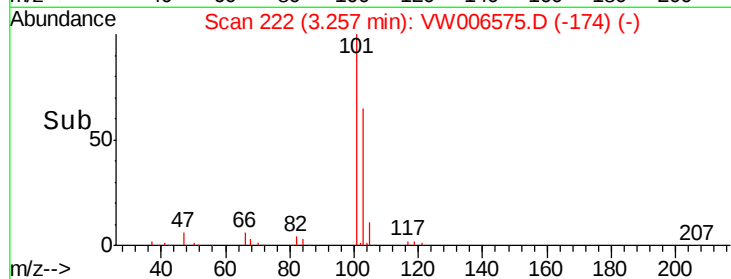
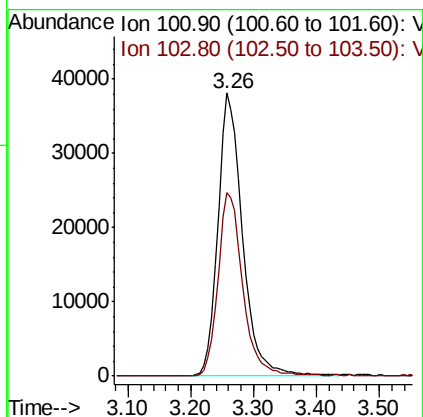
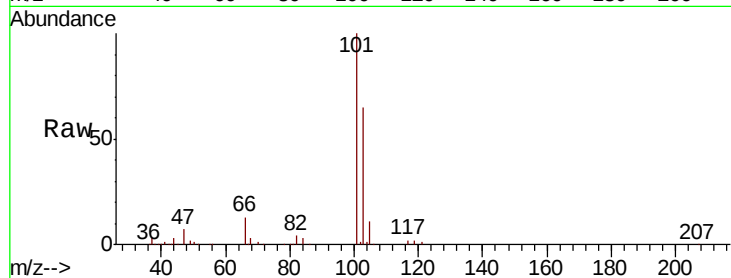


#7

Trichlorofluoromethane
 Concen: 52.108 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

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 VSTDCCC050

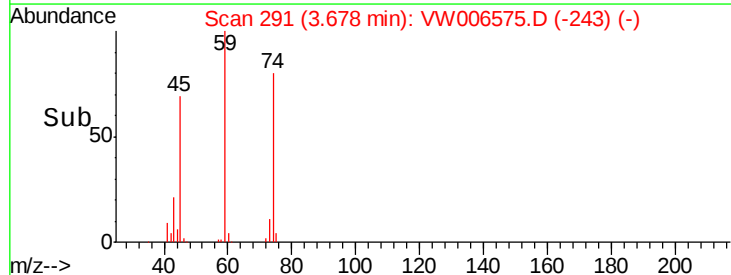
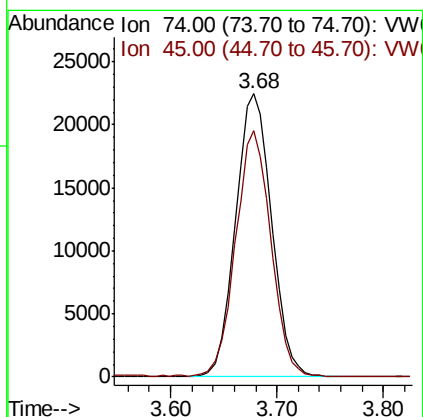
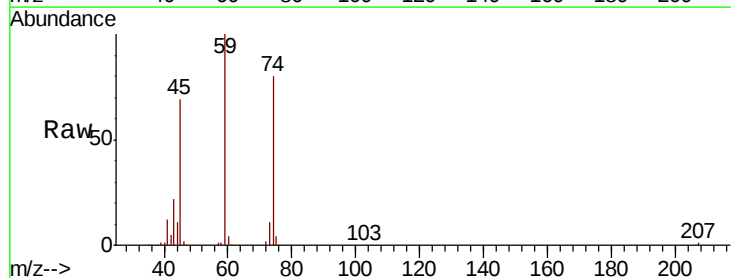
Tgt Ion:101 Resp: 103631
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.8 74.8

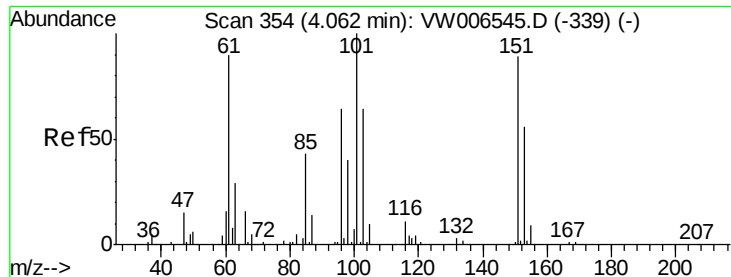


#8

Diethyl Ether
 Concen: 49.125 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 74 Resp: 53405
 Ion Ratio Lower Upper
 74 100
 45 84.8 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.671 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

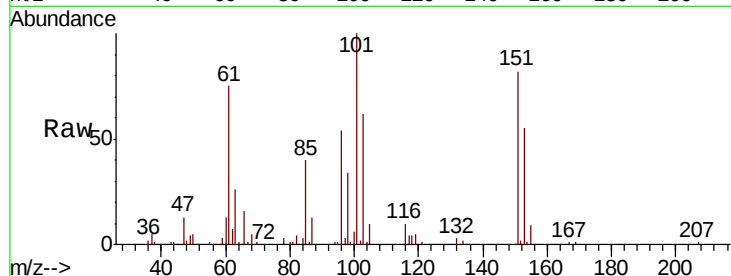
Tgt Ion:101 Resp: 109732

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

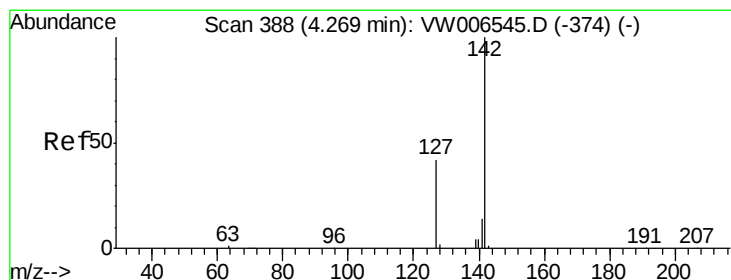
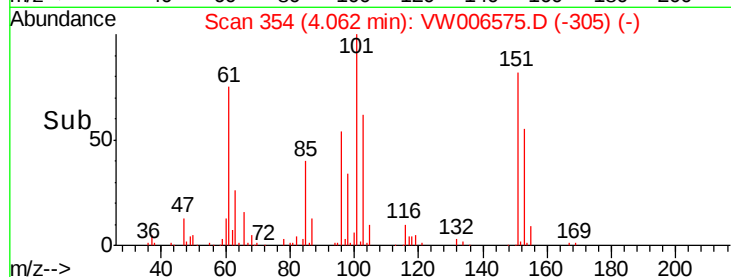
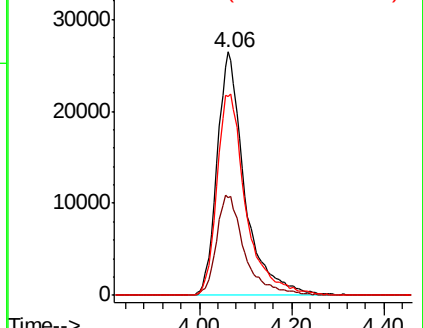
151 87.0 70.7 106.1



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: 49.273 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

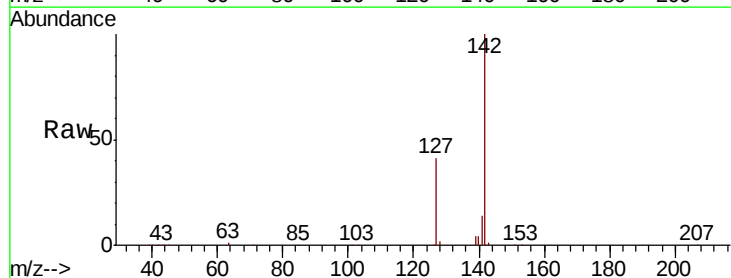
Tgt Ion:142 Resp: 189730

Ion Ratio Lower Upper

142 100

127 40.8 32.3 48.5

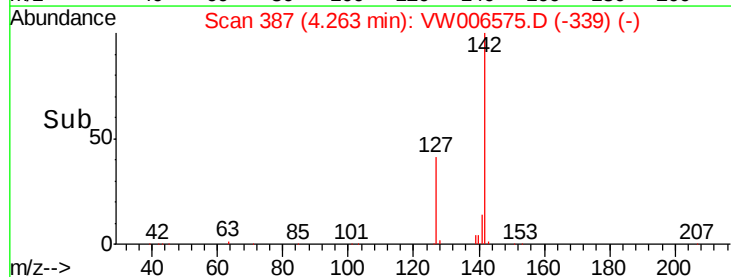
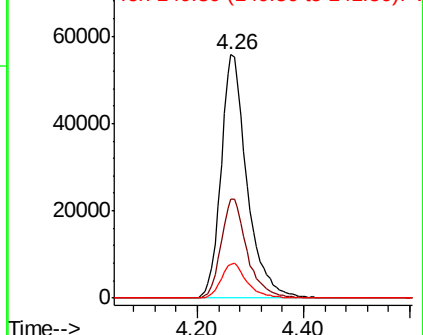
141 14.3 11.3 16.9

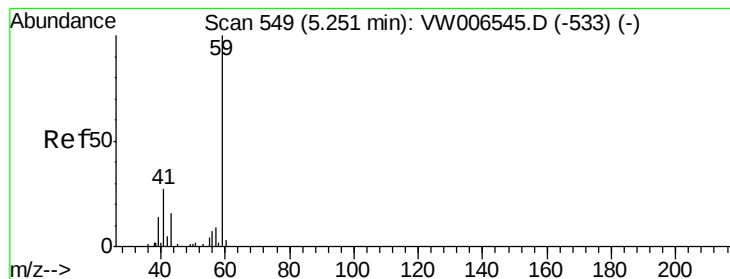


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



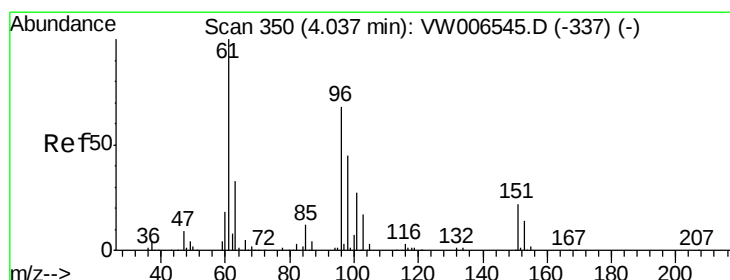
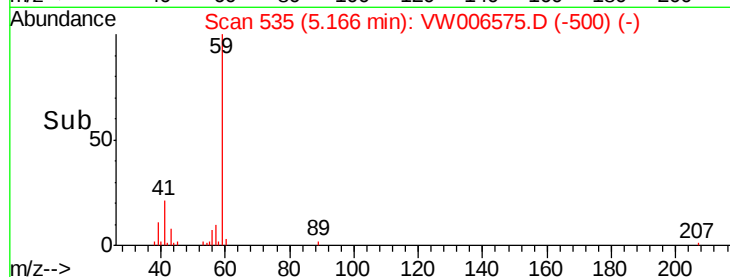
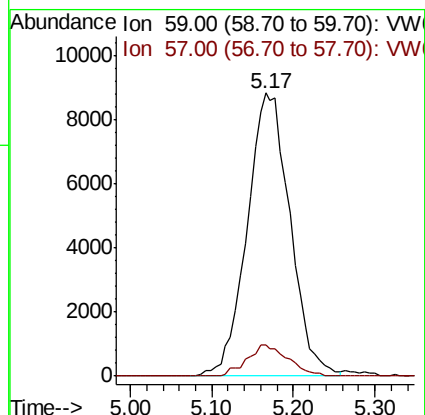
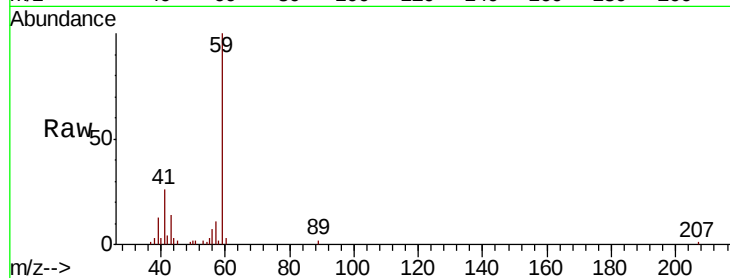


#11

Tert butyl alcohol
 Concen: 277.485 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.09 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

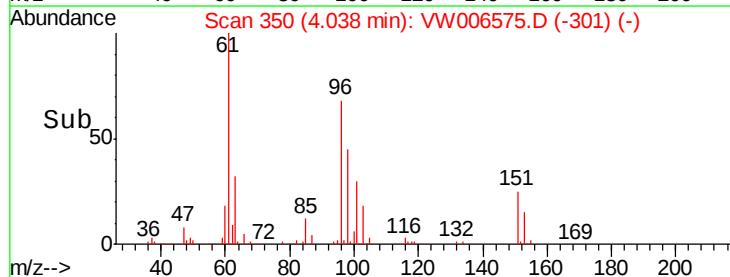
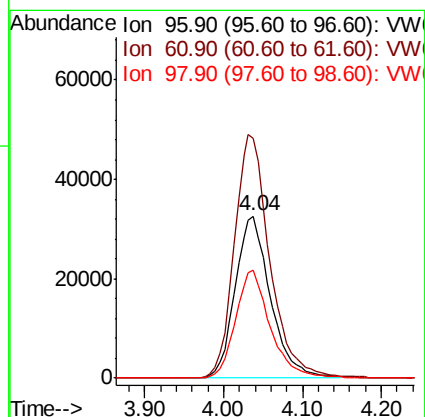
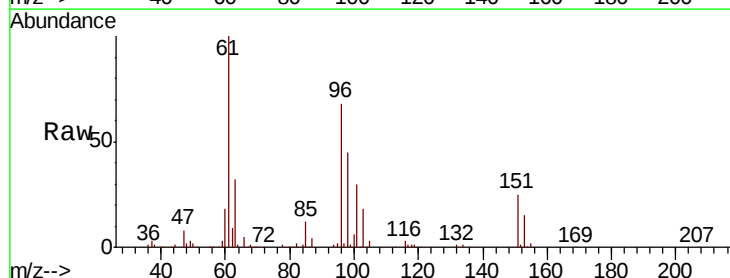
Tgt Ion: 59 Resp: 32317
 Ion Ratio Lower Upper
 59 100
 57 10.5 4.3 6.5#

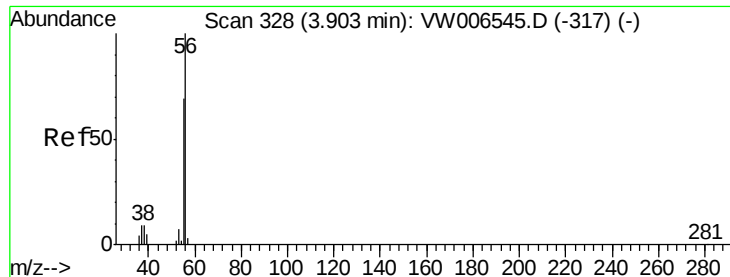


#12

1,1-Dichloroethene
 Concen: 49.499 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 96 Resp: 101528
 Ion Ratio Lower Upper
 96 100
 61 148.0 117.0 175.4
 98 66.8 52.5 78.7

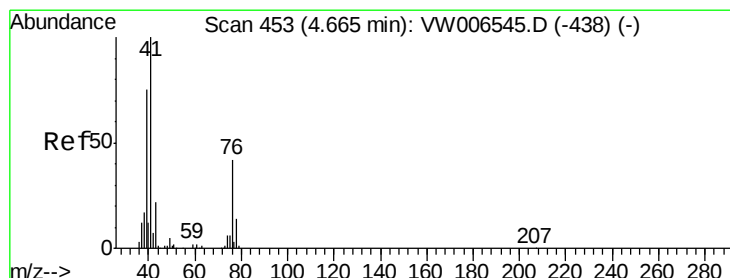
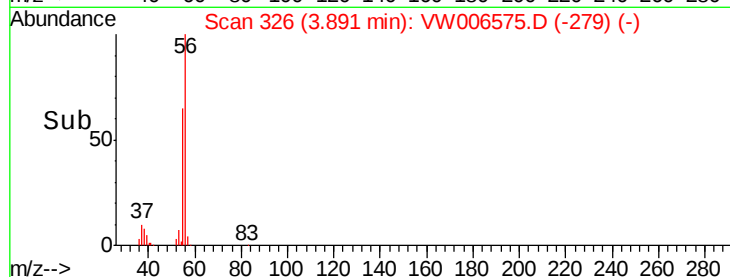
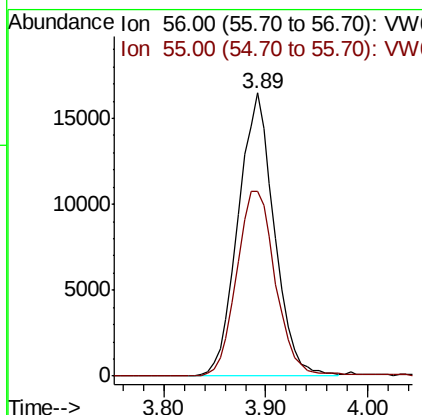
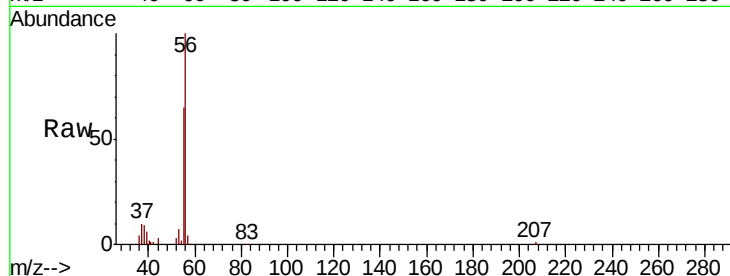




#13
Acrolein
Concen: 277.021 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

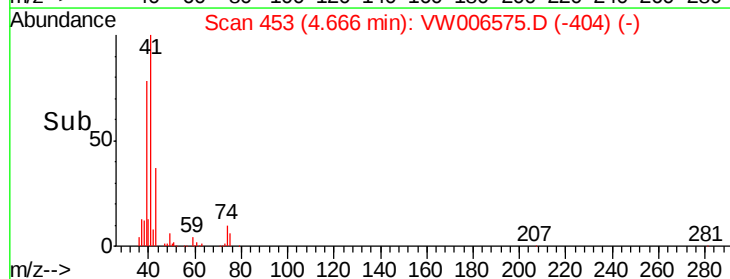
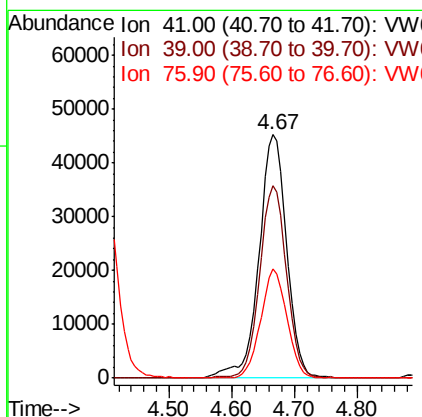
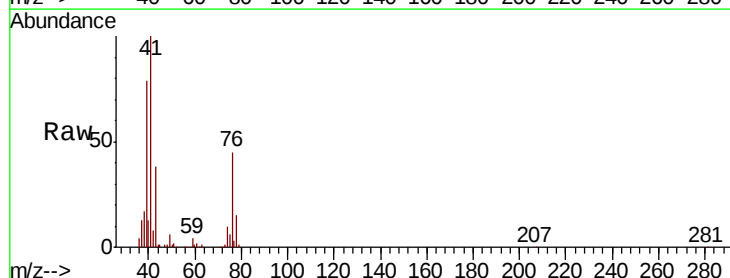
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

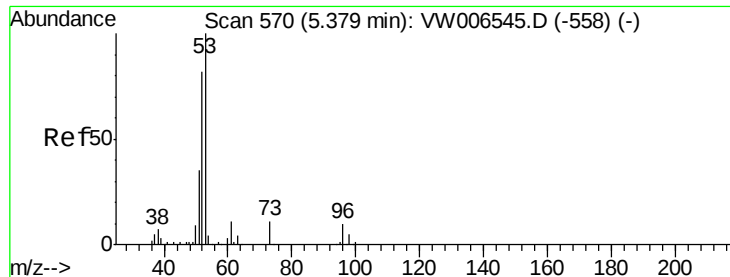
Tgt Ion: 56 Resp: 40578
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3



#14
Allyl chloride
Concen: 51.729 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 41 Resp: 138498
Ion Ratio Lower Upper
41 100
39 76.6 62.1 93.1
76 42.3 34.2 51.2





#15

Acrylonitrile

Concen: 270.610 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

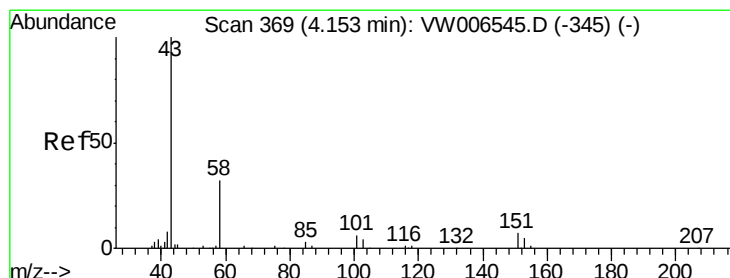
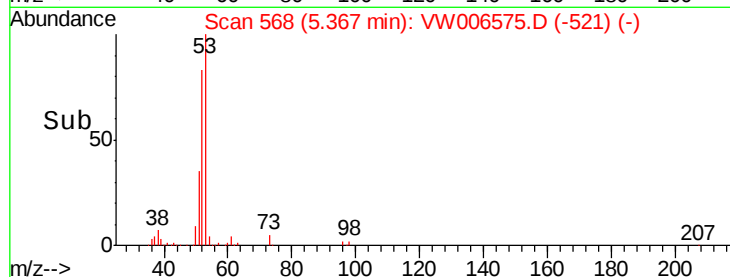
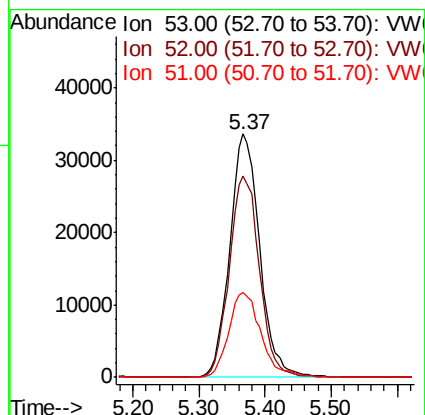
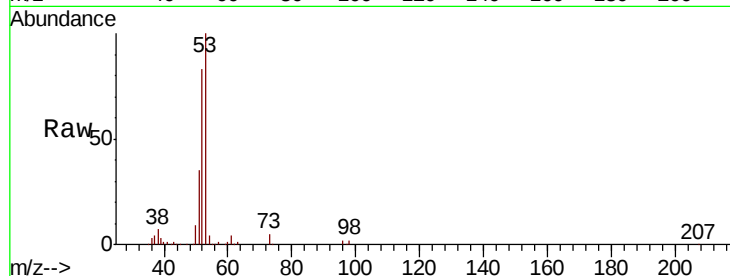
Tgt Ion: 53 Resp: 105484

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.8

51 37.8 29.6 44.4



#16

Acetone

Concen: 270.293 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006575.D

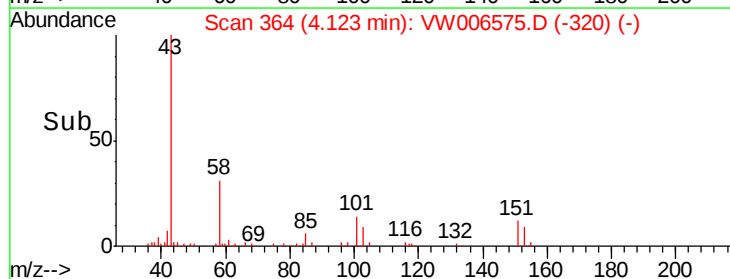
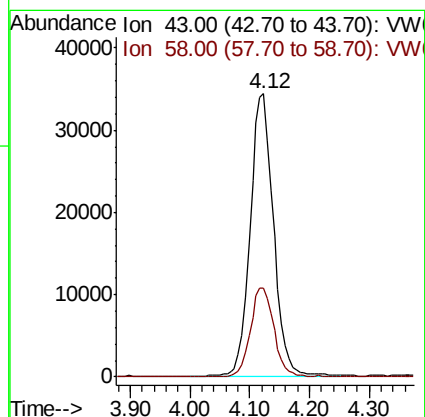
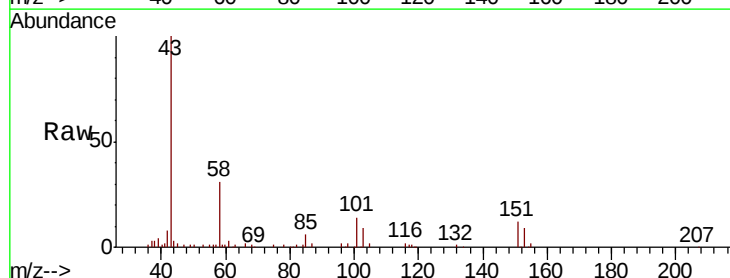
Acq: 01 Nov 2018 23:26

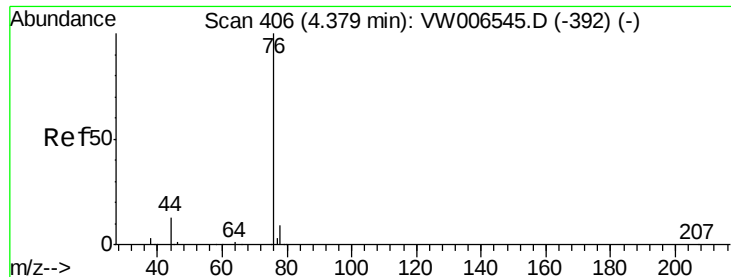
Tgt Ion: 43 Resp: 94328

Ion Ratio Lower Upper

43 100

58 31.0 25.8 38.8

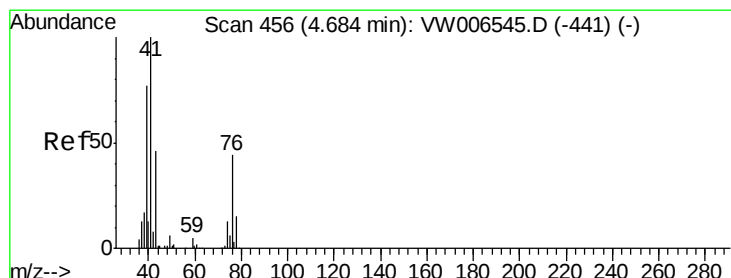
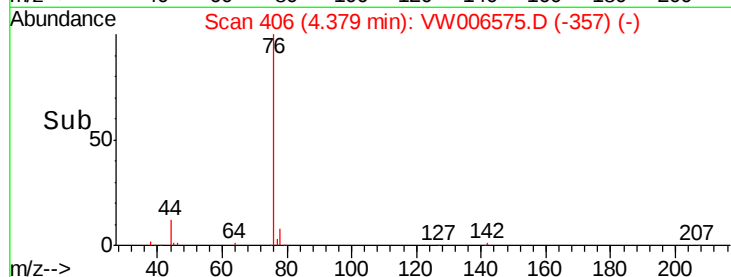
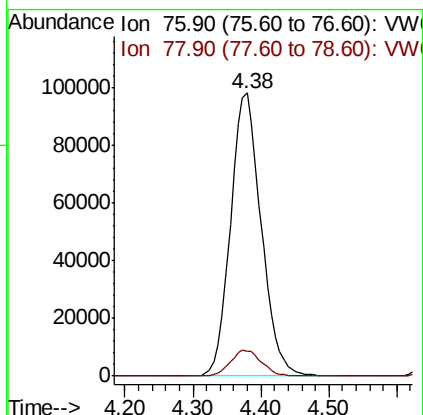
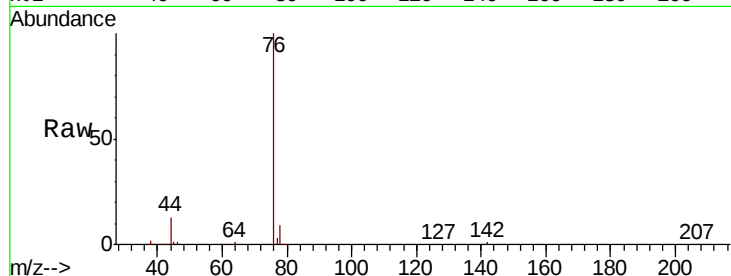




#17
Carbon Disulfide
Concen: 52.391 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

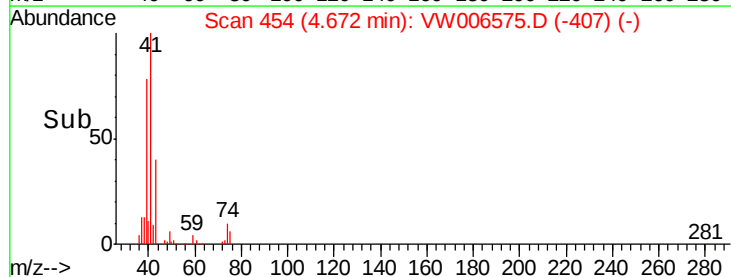
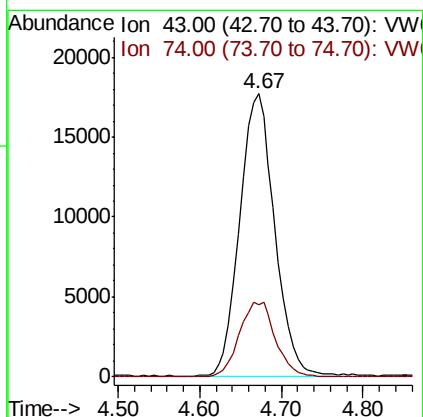
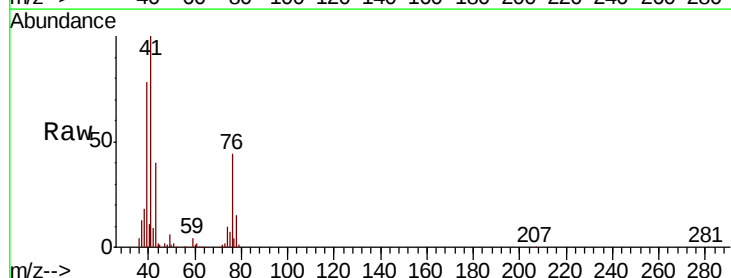
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

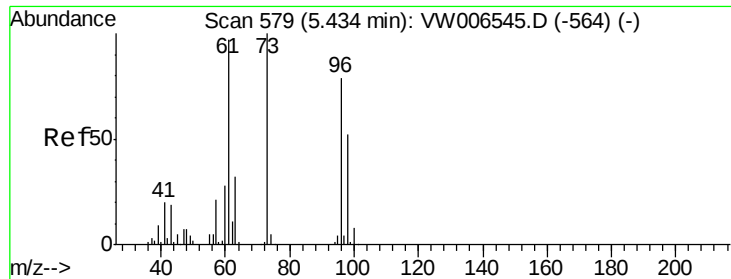
Tgt Ion: 76 Resp: 305799
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 52.812 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 43 Resp: 52998
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9

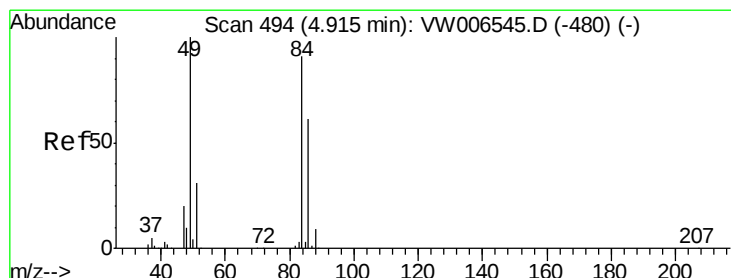
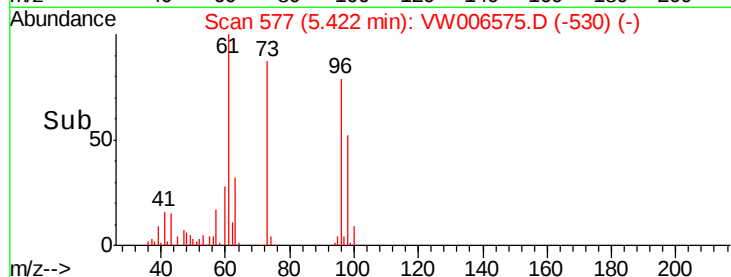
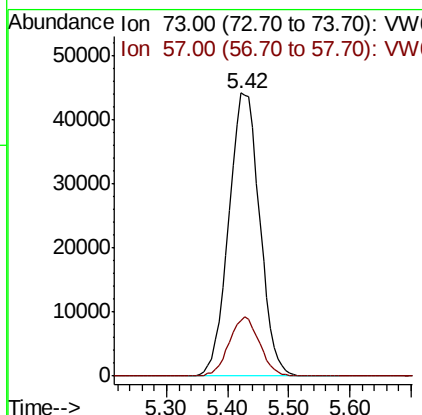
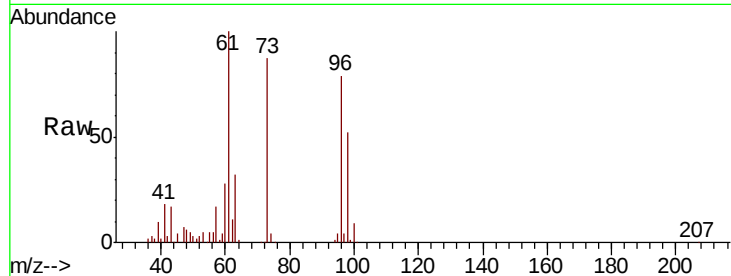




#19
Methyl tert-butyl Ether
Concen: 50.632 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

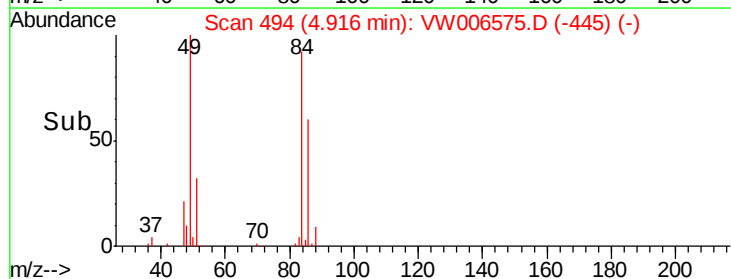
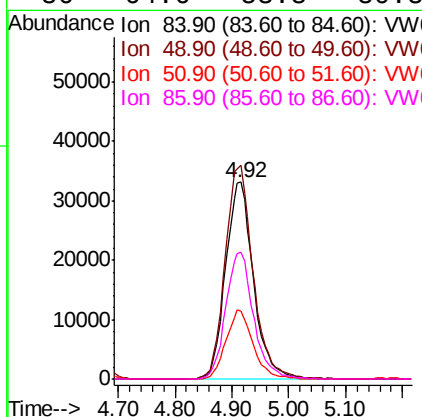
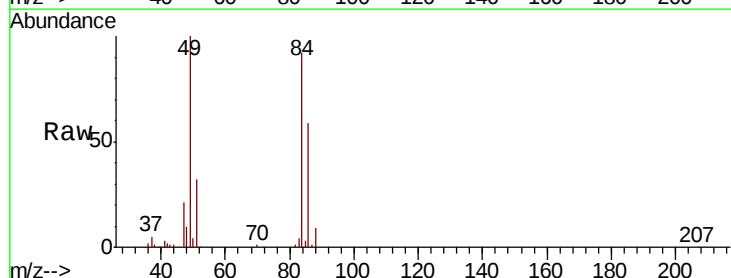
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 154587
Ion Ratio Lower Upper
73 100
57 19.6 16.7 25.1



#20
Methylene Chloride
Concen: 50.000 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 84 Resp: 113083
Ion Ratio Lower Upper
84 100
49 108.5 88.2 132.4
51 34.7 27.0 40.6
86 64.6 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 51.065 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

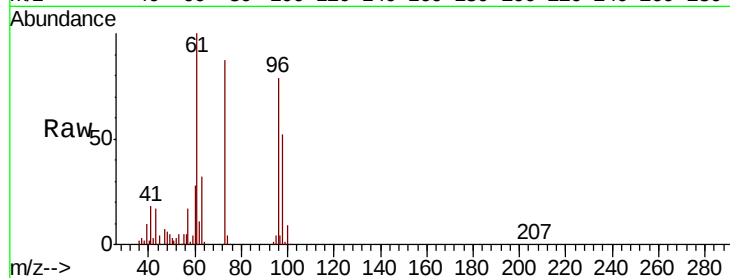
Tgt Ion: 96 Resp: 118520

Ion Ratio Lower Upper

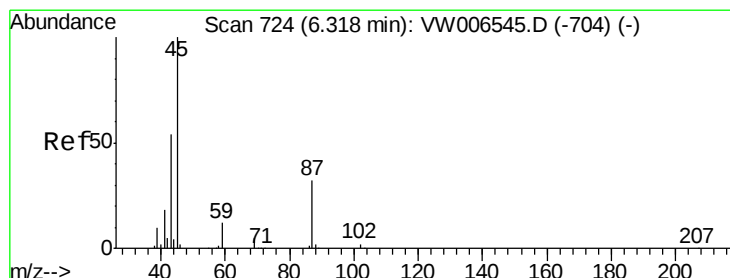
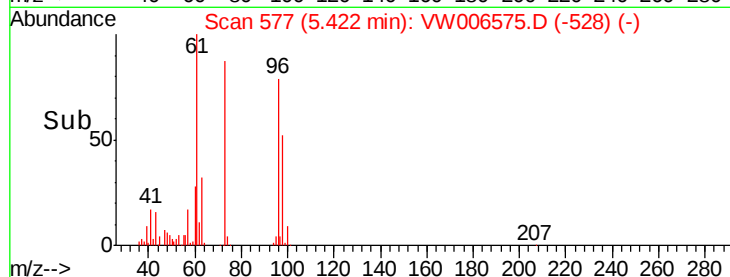
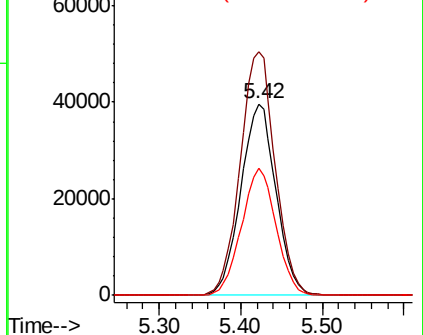
96 100

61 127.0 100.6 150.8

98 66.6 52.9 79.3



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



#22

Diisopropyl ether

Concen: 53.238 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion: 45 Resp: 297161

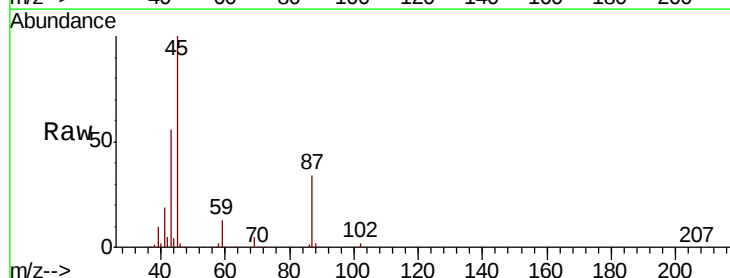
Ion Ratio Lower Upper

45 100

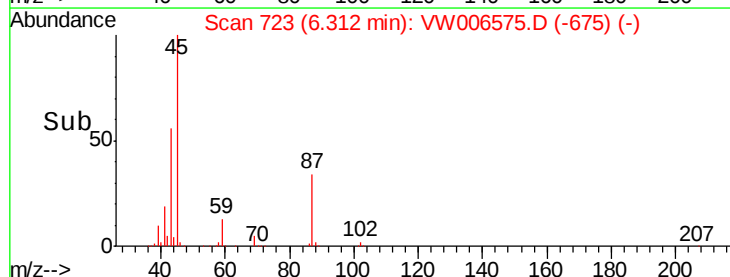
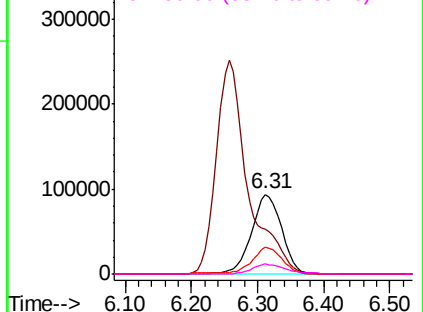
43 55.3 43.6 65.4

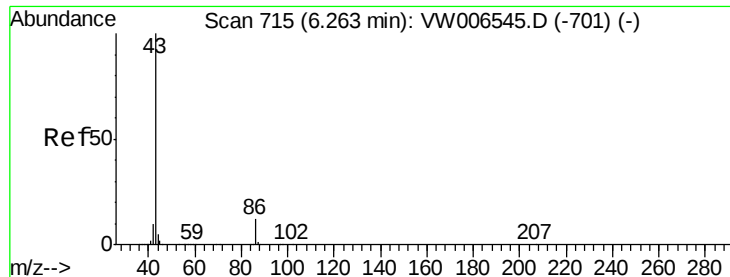
87 33.6 26.3 39.5

59 12.5 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 269.738 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

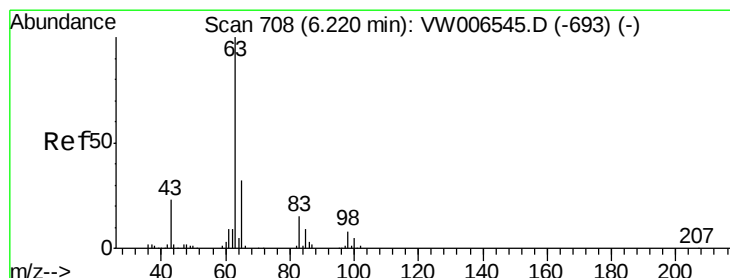
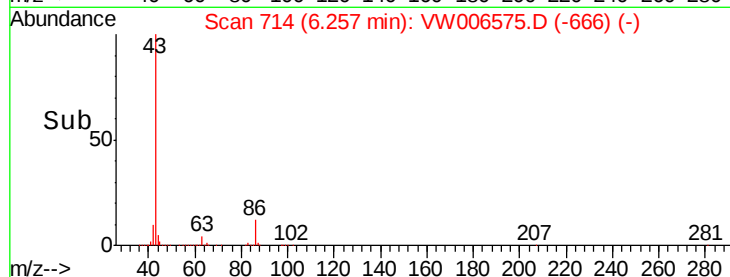
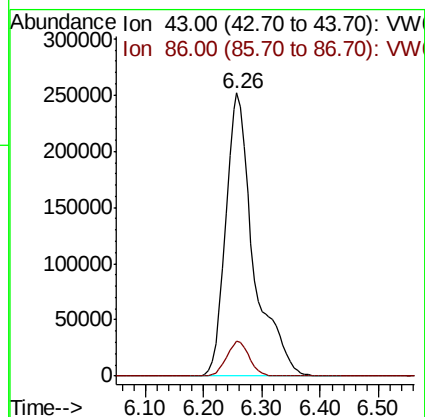
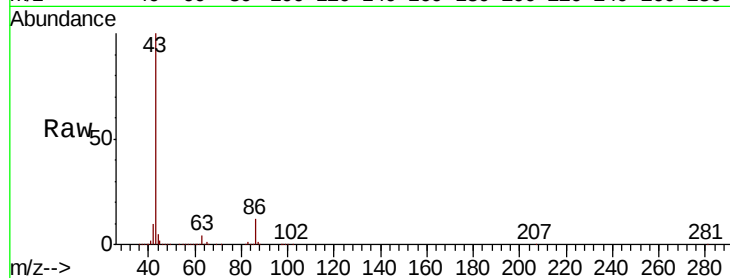
VSTDCCC050

Tgt Ion: 43 Resp: 834927

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8



#24

1,1-Dichloroethane

Concen: 51.960 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

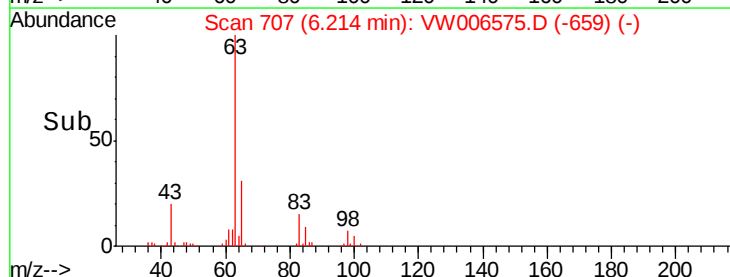
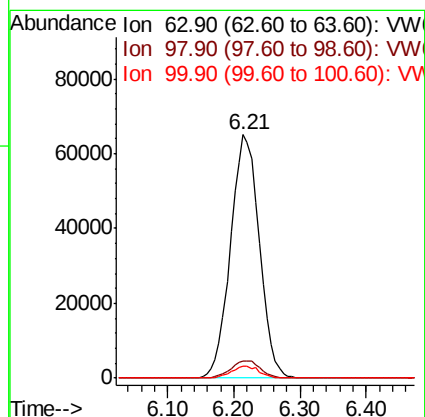
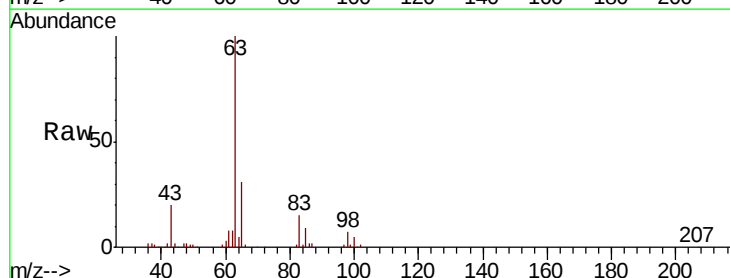
Tgt Ion: 63 Resp: 196563

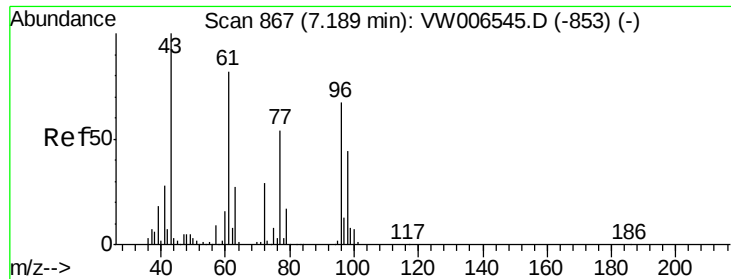
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 273.989 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

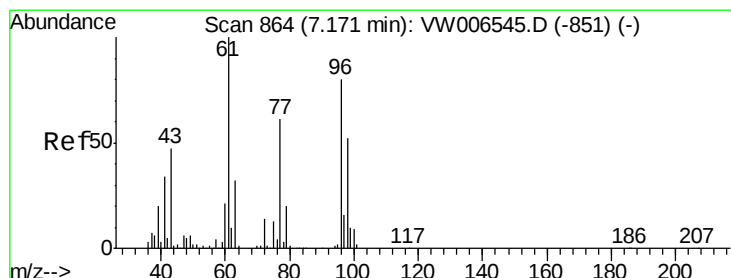
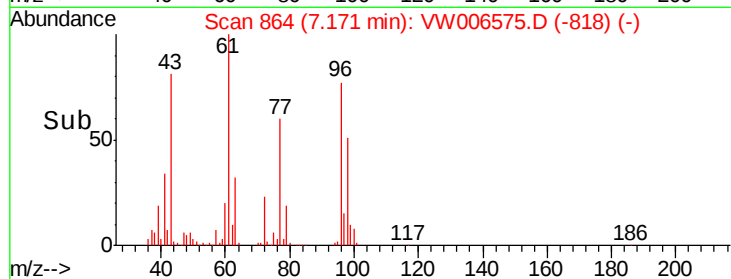
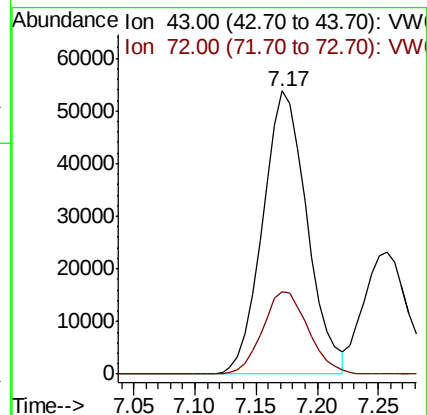
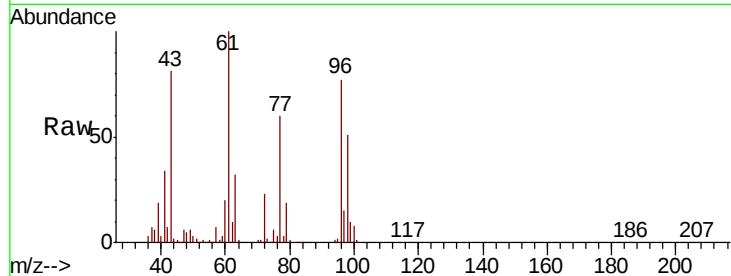
VSTDCCC050

Tgt Ion: 43 Resp: 136443

Ion Ratio Lower Upper

43 100

72 28.9 23.2 34.8



#26

2,2-Dichloropropane

Concen: 50.661 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006575.D

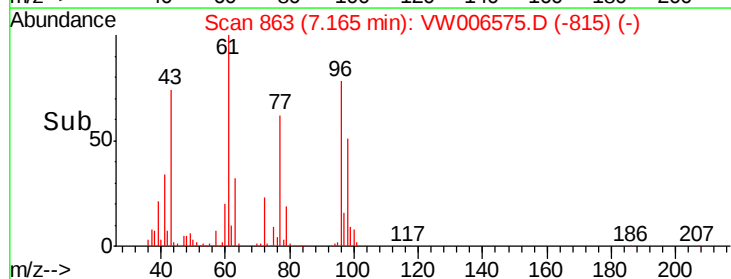
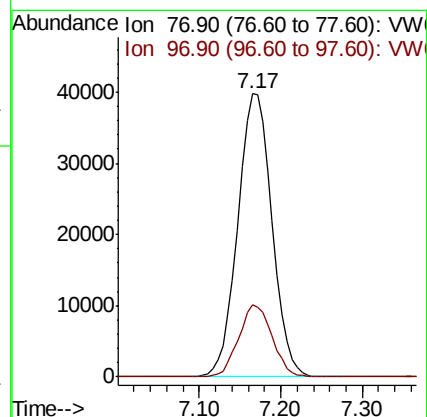
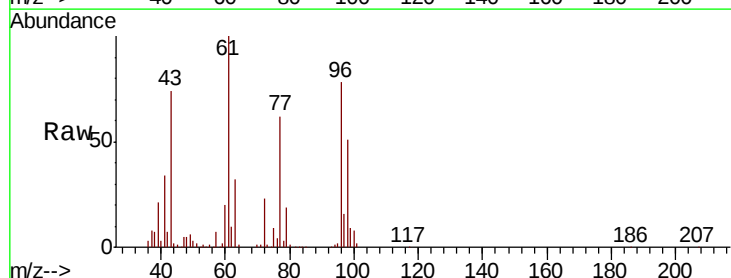
Acq: 01 Nov 2018 23:26

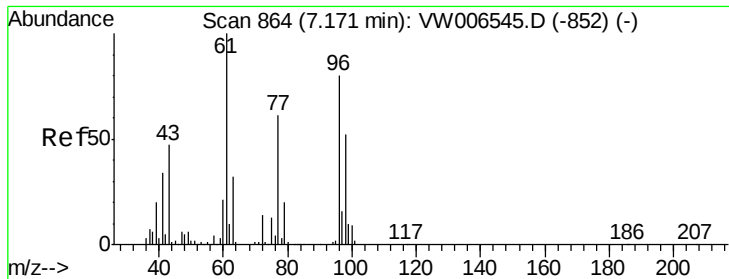
Tgt Ion: 77 Resp: 115445

Ion Ratio Lower Upper

77 100

97 24.9 12.8 38.4



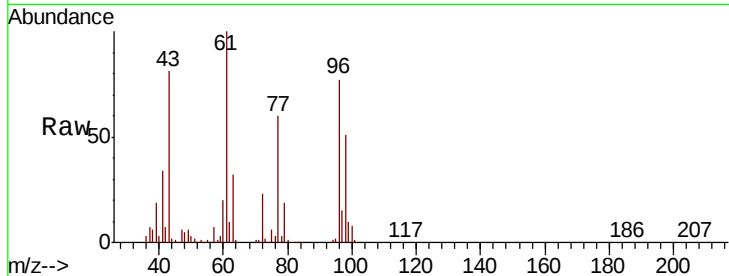


#27

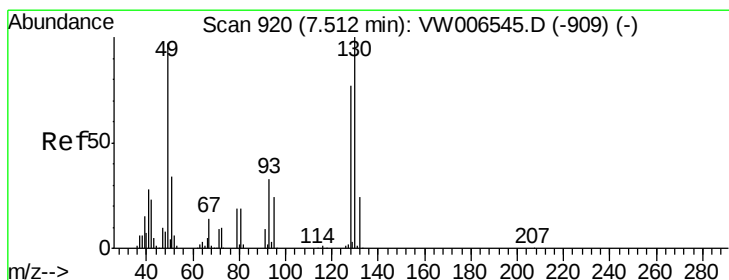
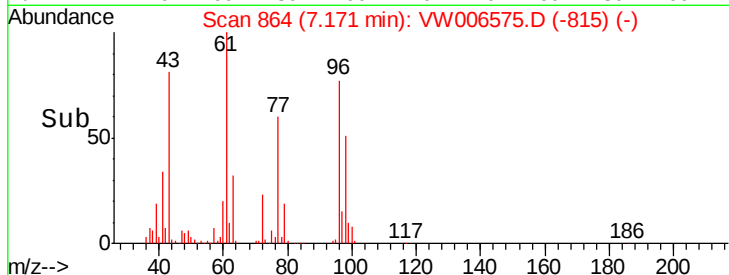
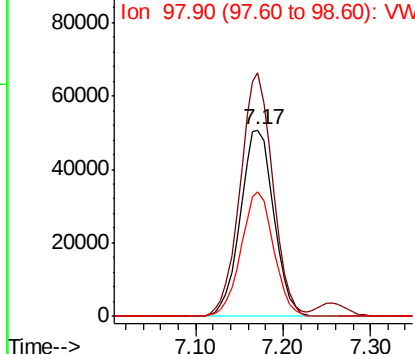
cis-1,2-Dichloroethene
 Concen: 51.824 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 134567
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 254.2
 98 65.0 0.0 129.6



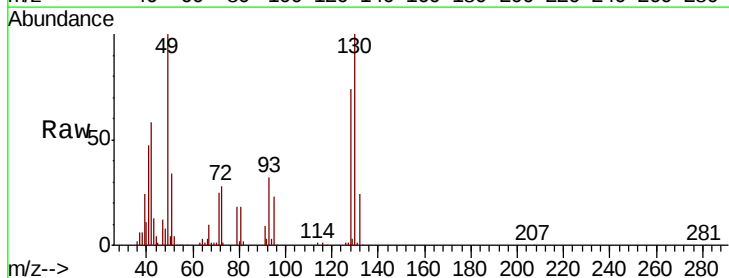
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



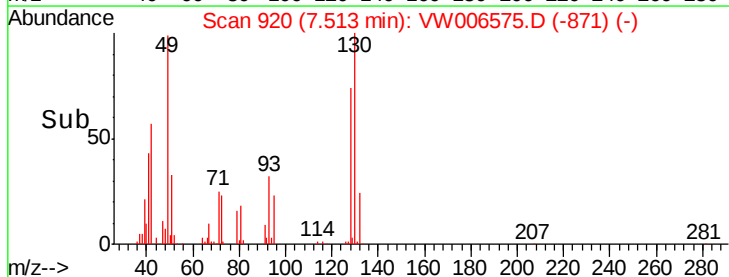
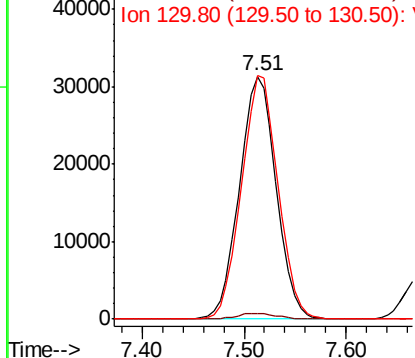
#28

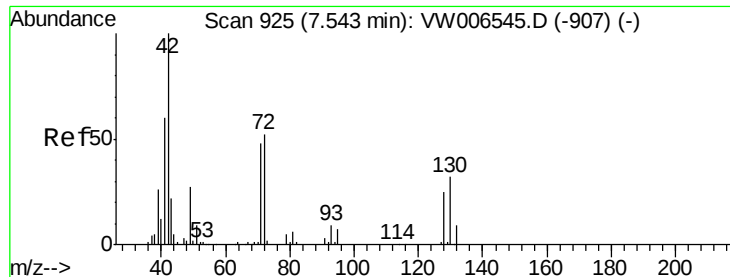
Bromochloromethane
 Concen: 52.079 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 49 Resp: 78230
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 99.8 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: 274.868 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

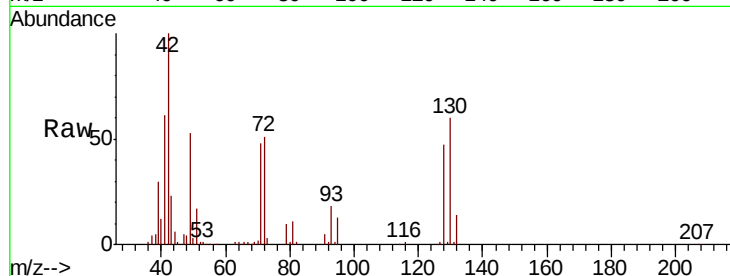
Tgt Ion: 42 Resp: 86095

Ion Ratio Lower Upper

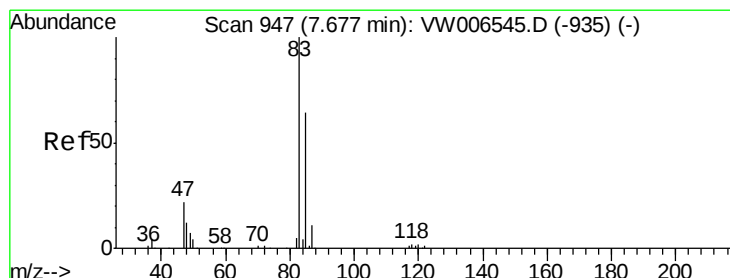
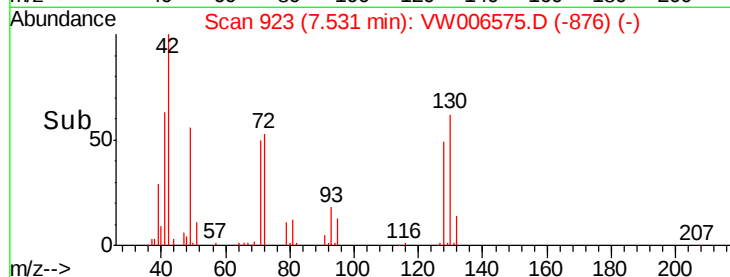
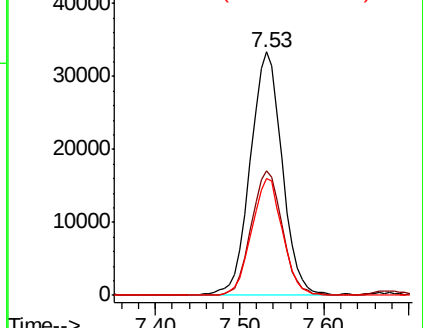
42 100

72 49.8 39.2 58.8

71 46.7 37.6 56.4



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



#30

Chloroform

Concen: 52.191 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW006575.D

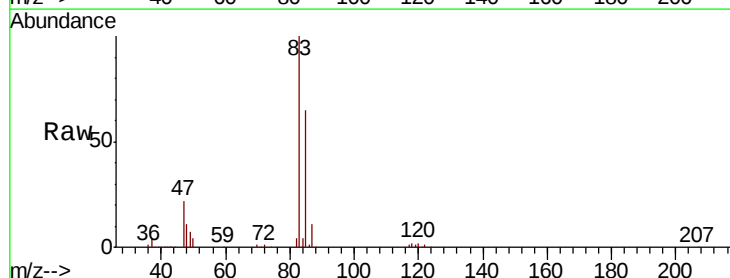
Acq: 01 Nov 2018 23:26

Tgt Ion: 83 Resp: 216463

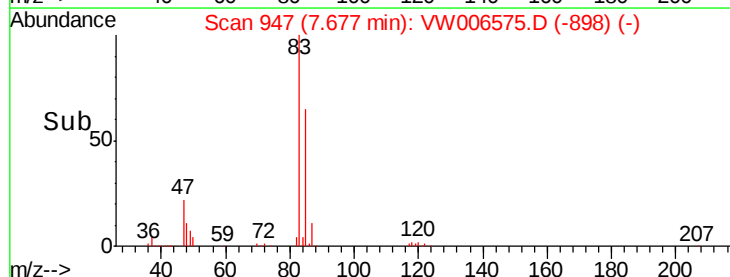
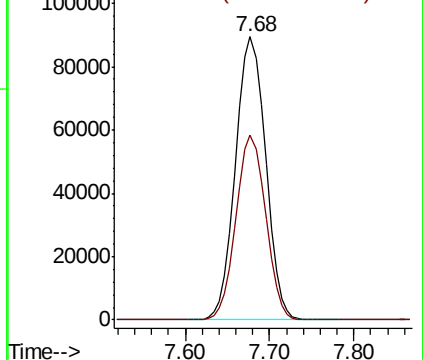
Ion Ratio Lower Upper

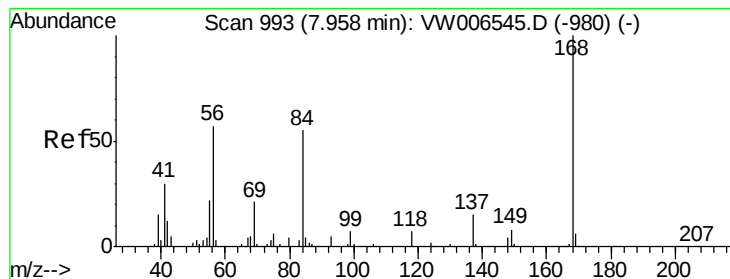
83 100

85 65.5 51.3 76.9



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





#31

Cyclohexane

Concen: 49.246 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

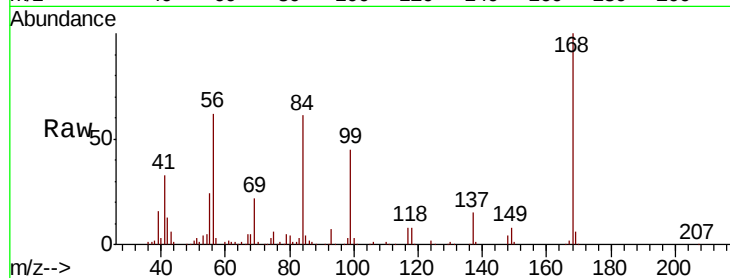
Tgt Ion: 56 Resp: 169556

Ion Ratio Lower Upper

56 100

69 35.9 29.0 43.4

84 96.8 77.8 116.6

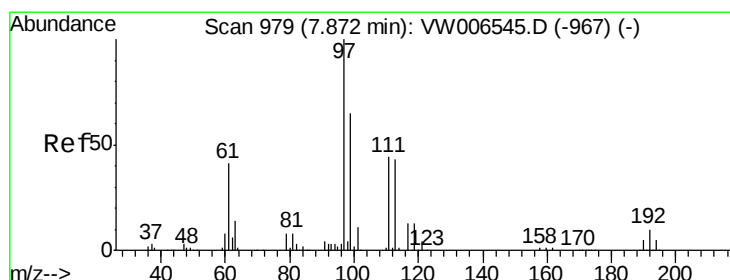
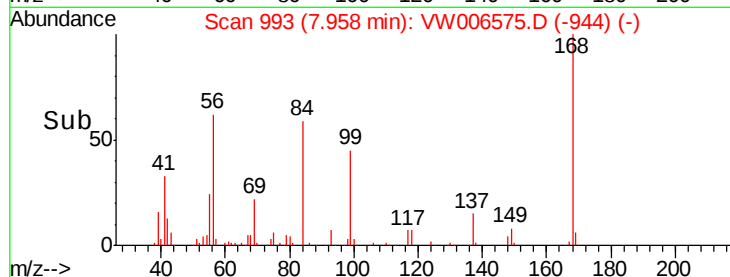
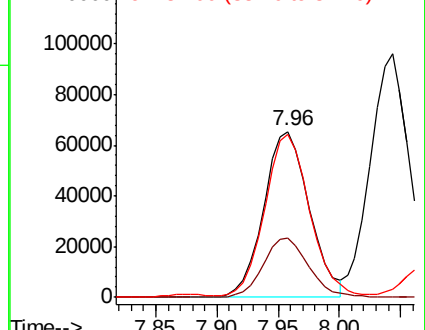


Abundance

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: 52.243 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

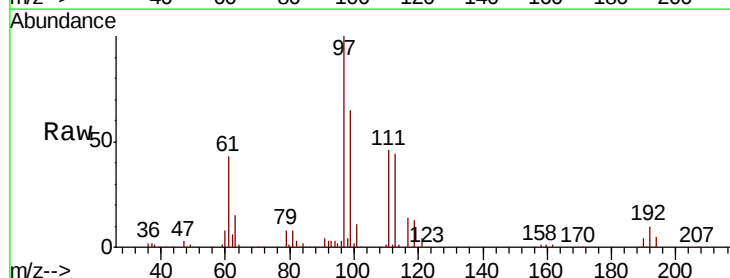
Tgt Ion: 97 Resp: 183348

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 41.7 32.9 49.3

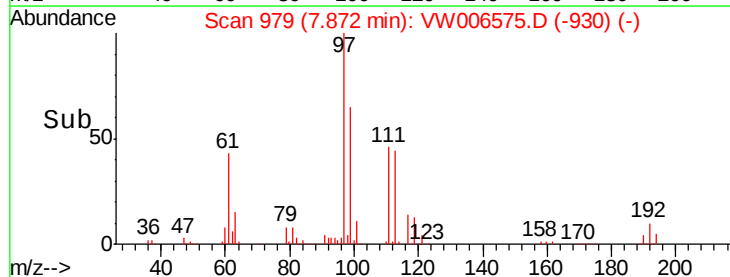
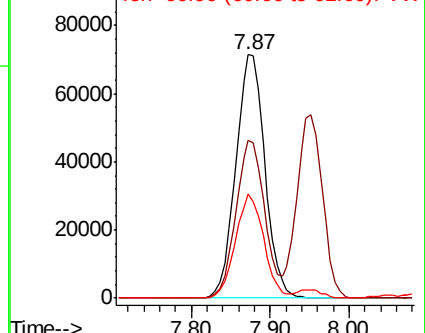


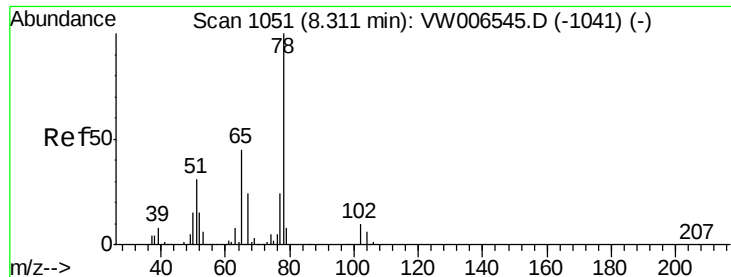
Abundance

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

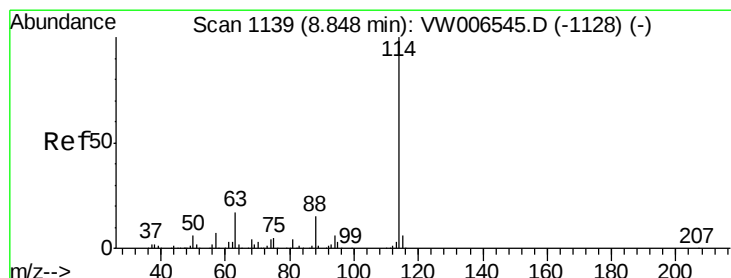
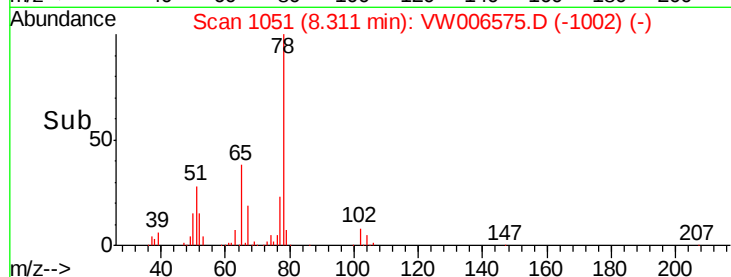
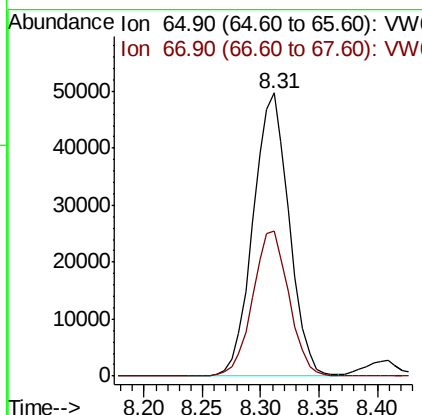
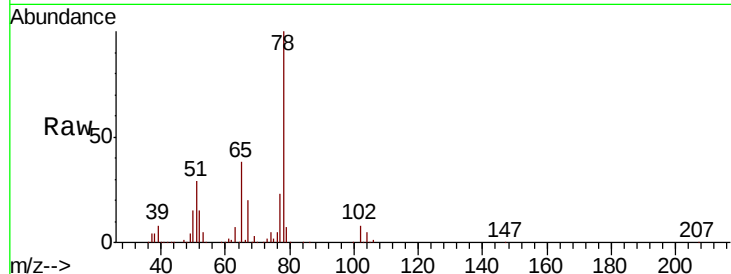




#33
 1,2-Dichloroethane-d4
 Concen: 49.489 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

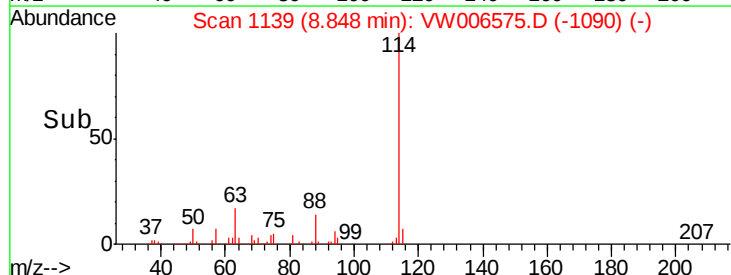
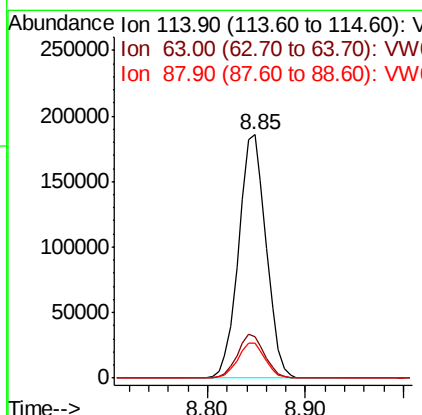
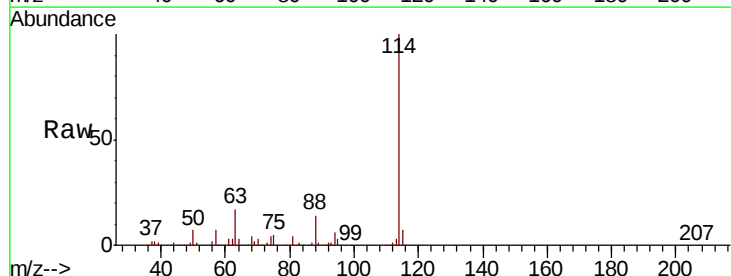
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

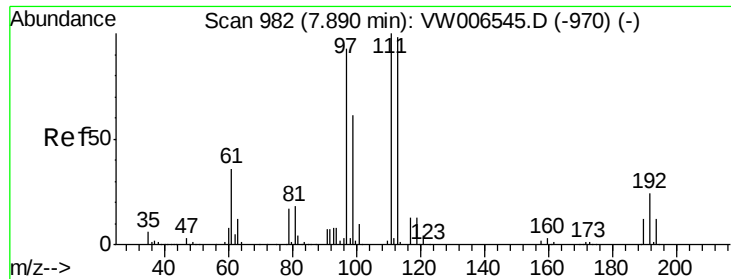
Tgt Ion: 65 Resp: 106974
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 114 Resp: 361639
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.4
 88 14.1 0.0 29.0

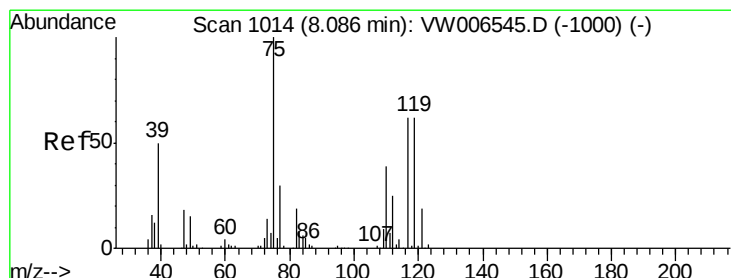
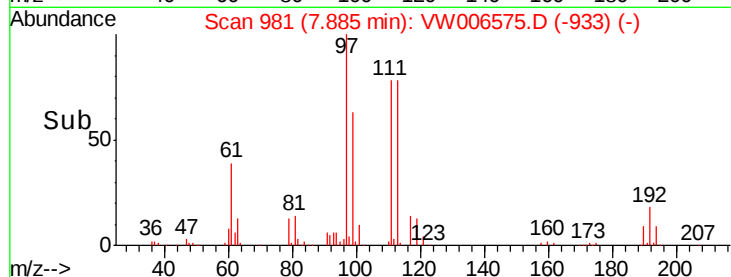
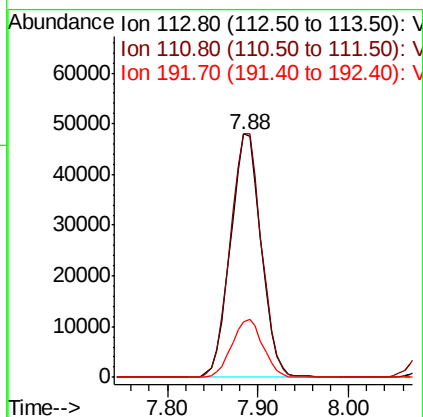
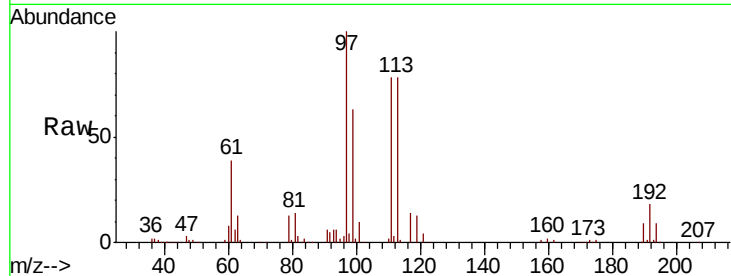




#35
 Dibromofluoromethane
 Concen: 49.518 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

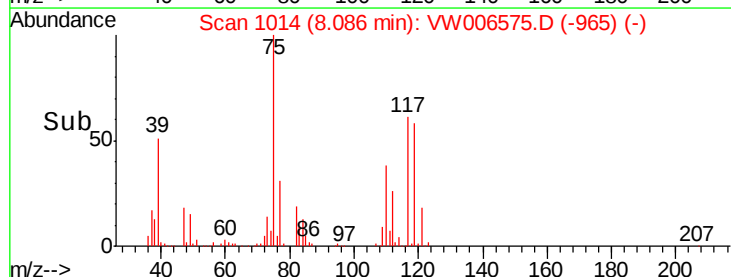
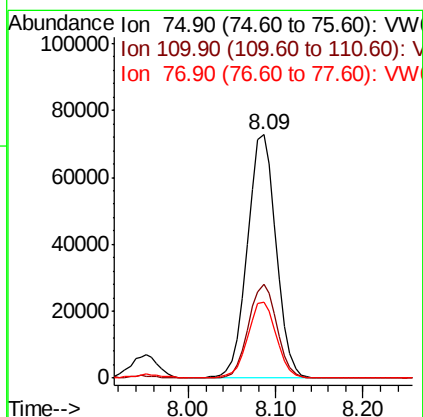
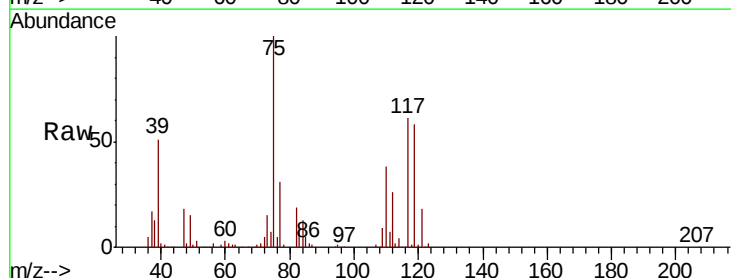
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

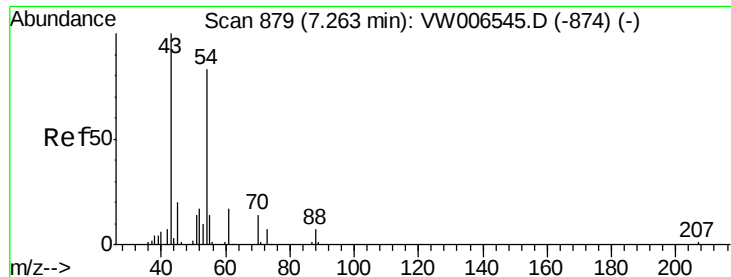
Tgt Ion:113 Resp: 112385
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 24.1 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 52.070 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 75 Resp: 165597
 Ion Ratio Lower Upper
 75 100
 110 38.2 19.5 58.5
 77 31.4 24.6 37.0

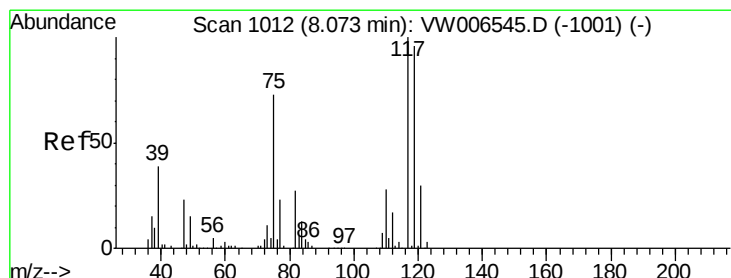
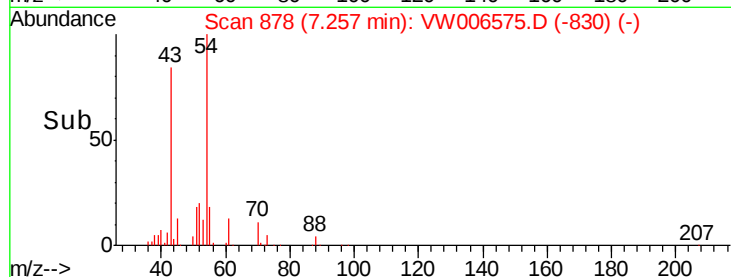
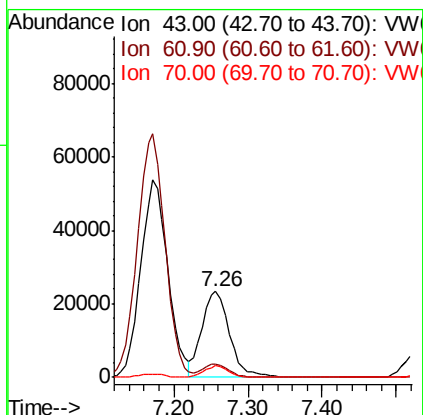
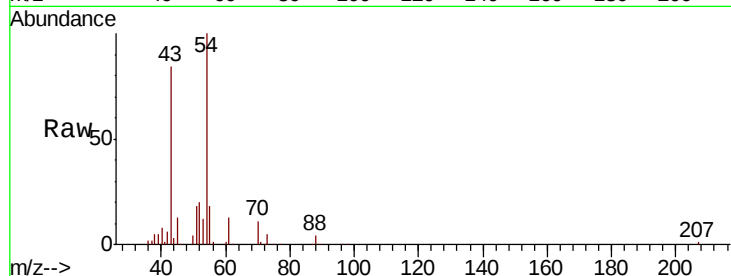




#37
Ethyl Acetate
Concen: 54.562 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

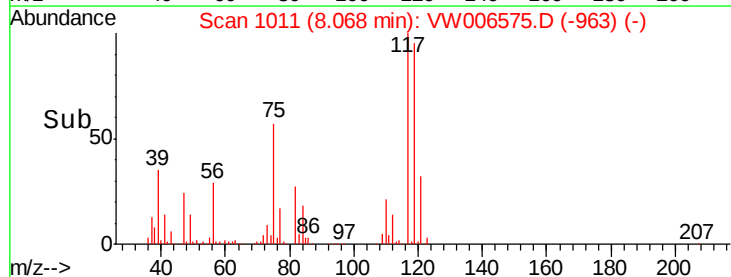
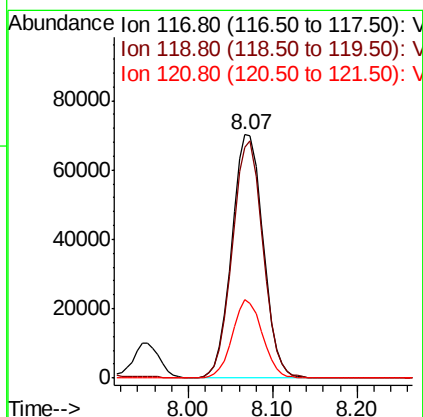
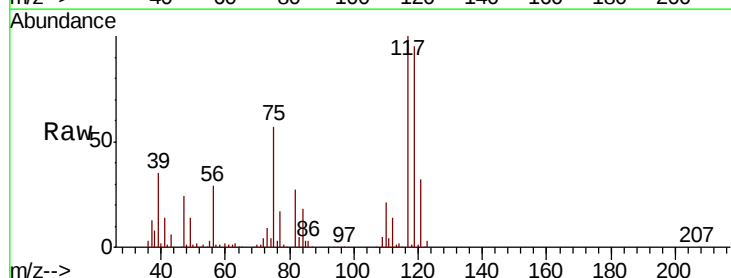
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

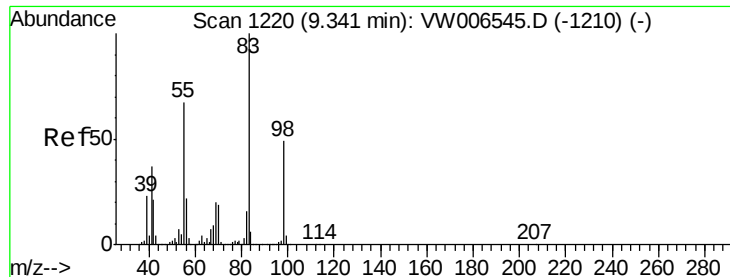
Tgt Ion: 43 Resp: 60133
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.231 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 117 Resp: 176894
Ion Ratio Lower Upper
117 100
119 94.7 76.3 114.5
121 32.2 24.1 36.1

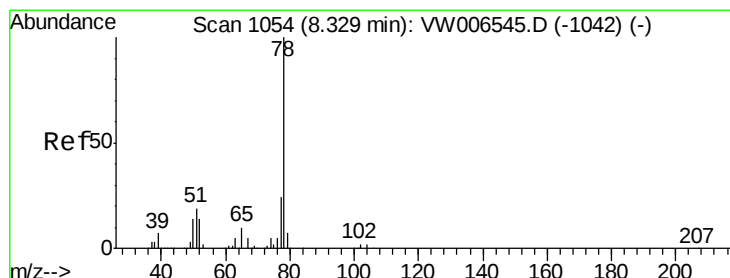
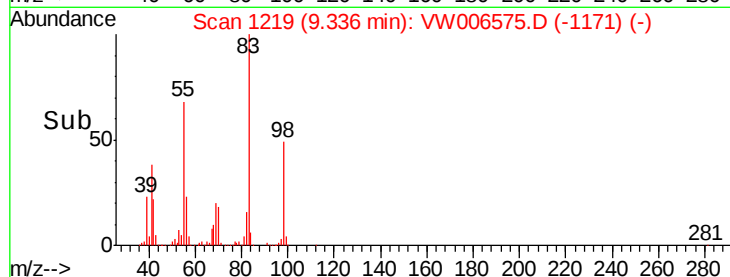
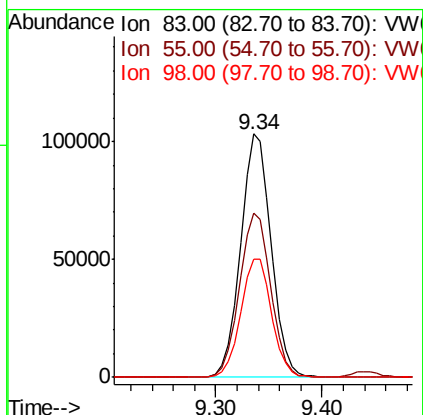
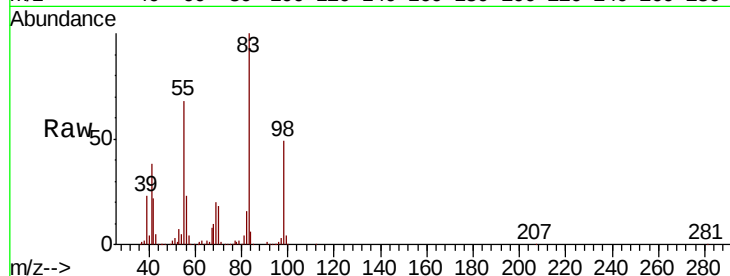




#39
Methylcyclohexane
Concen: 51.481 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

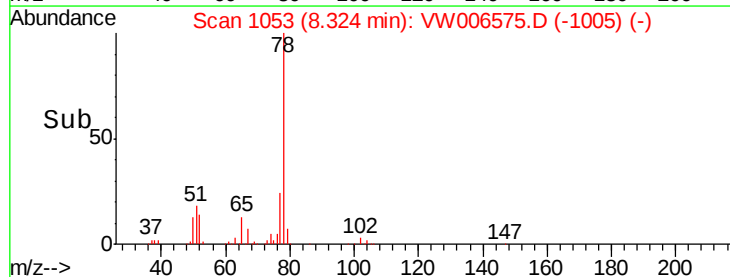
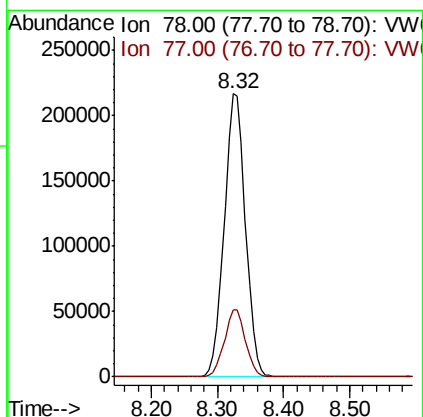
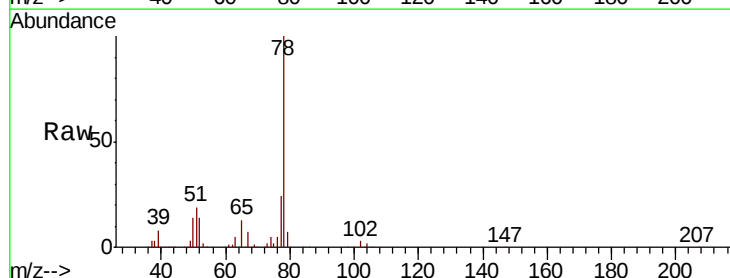
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

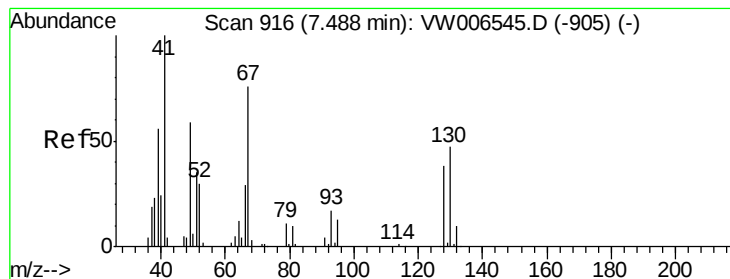
Tgt Ion: 83 Resp: 207769
Ion Ratio Lower Upper
83 100
55 67.6 53.7 80.5
98 48.8 39.2 58.8



#40
Benzene
Concen: 53.244 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 78 Resp: 480961
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 48.268 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 32620

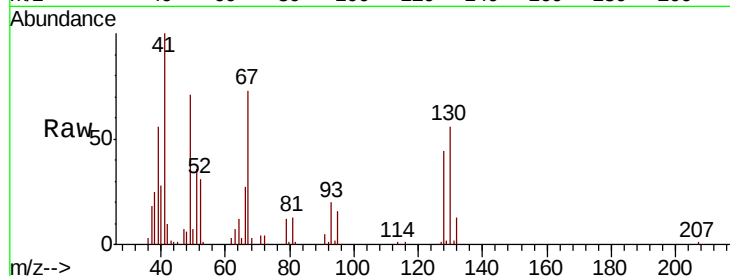
Ion Ratio Lower Upper

41 100

39 63.8 44.5 66.7

67 87.5 63.8 95.8

52 35.8 26.3 39.5

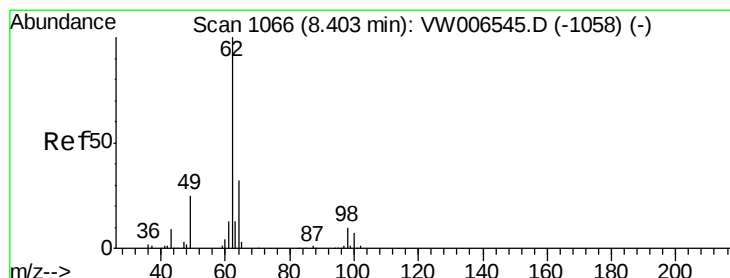
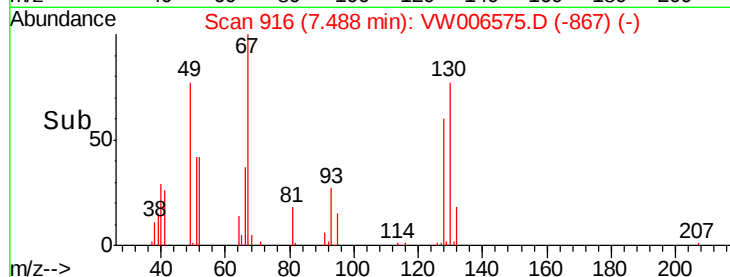
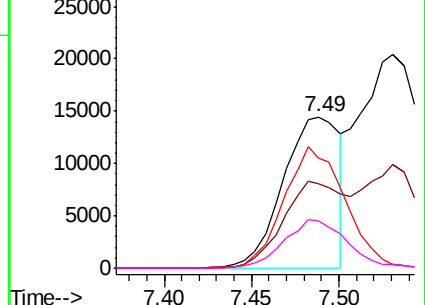


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 52.498 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006575.D

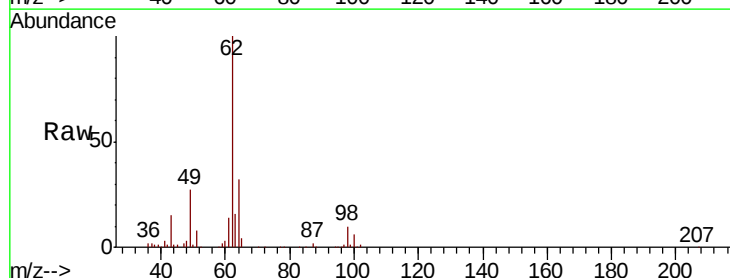
Acq: 01 Nov 2018 23:26

Tgt Ion: 62 Resp: 136000

Ion Ratio Lower Upper

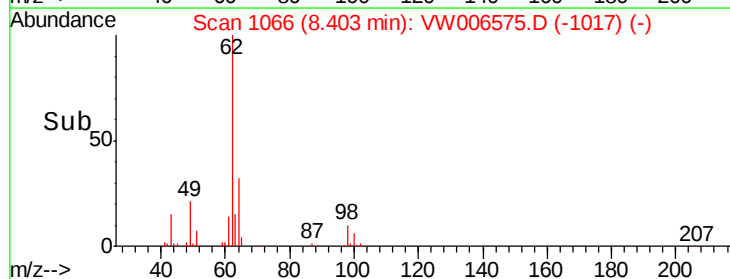
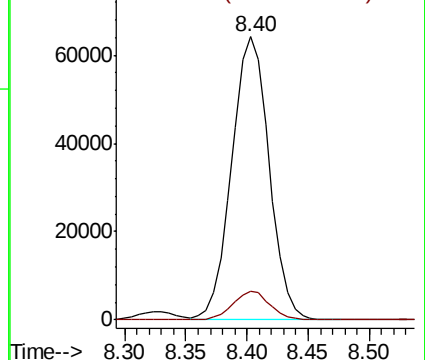
62 100

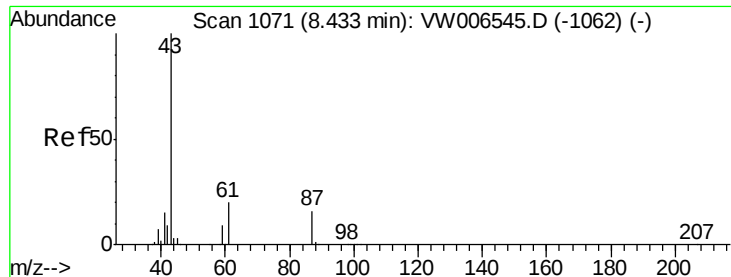
98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 54.001 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

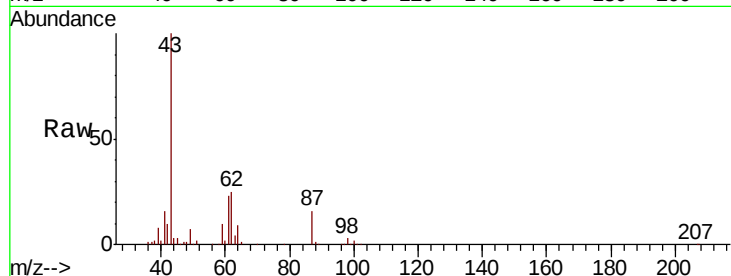
Tgt Ion: 43 Resp: 118760

Ion Ratio Lower Upper

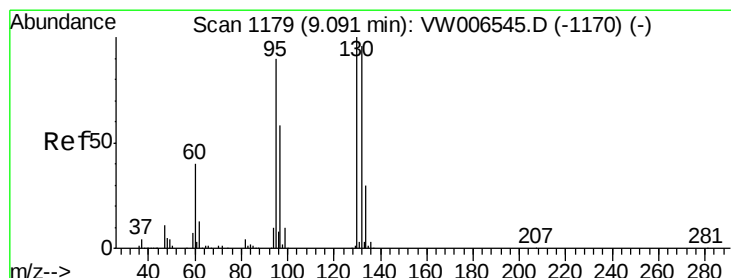
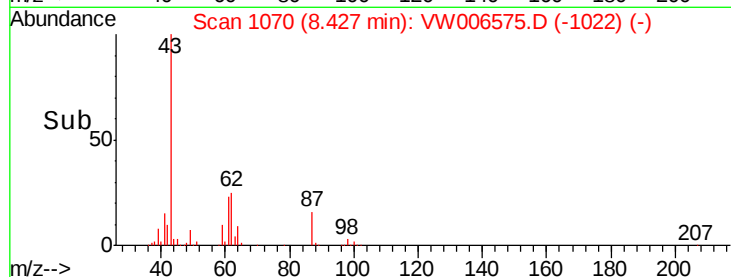
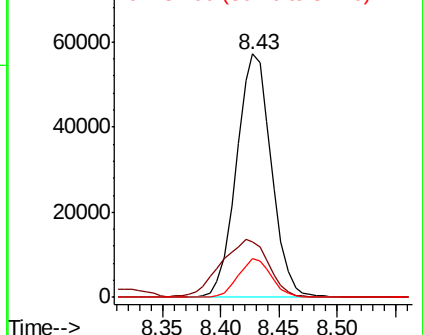
43 100

61 32.5 27.2 40.8

87 15.2 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: 51.202 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006575.D

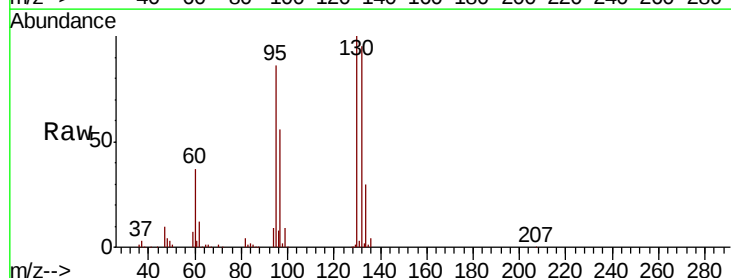
Acq: 01 Nov 2018 23:26

Tgt Ion: 130 Resp: 142725

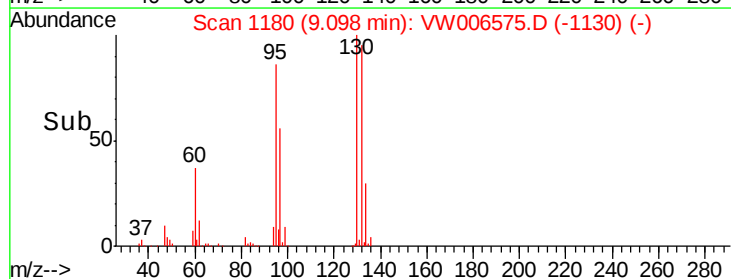
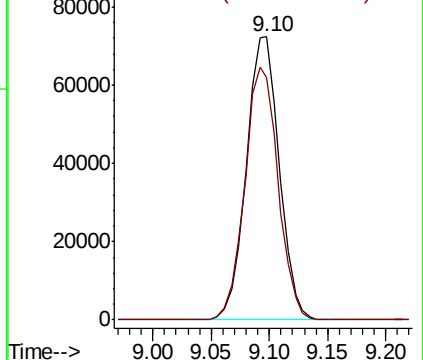
Ion Ratio Lower Upper

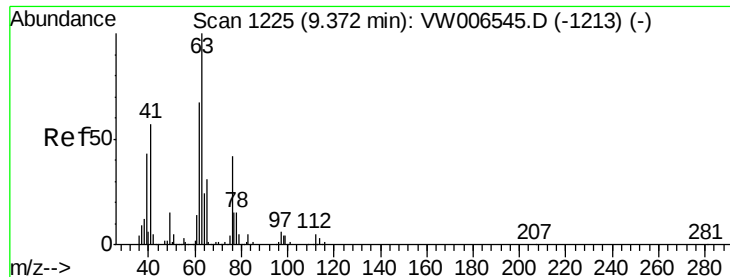
130 100

95 85.8 0.0 179.2



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

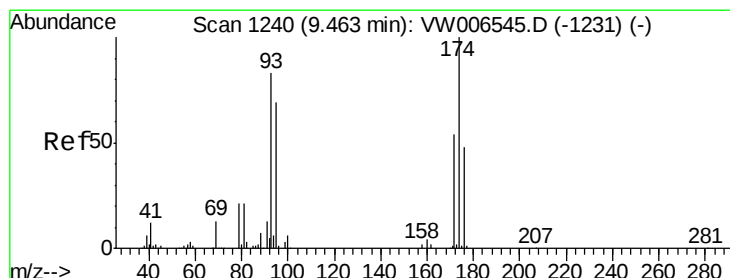
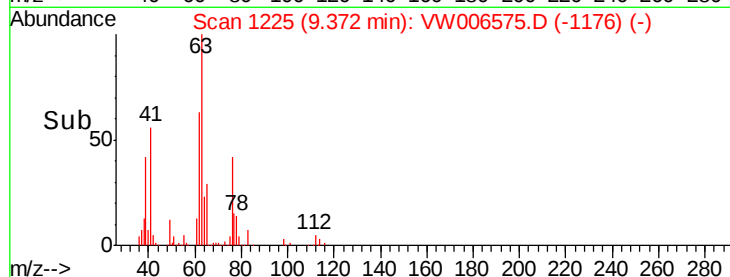
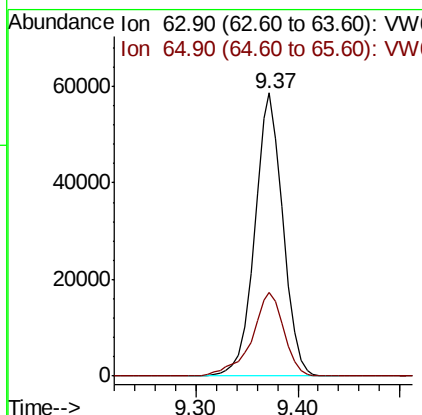
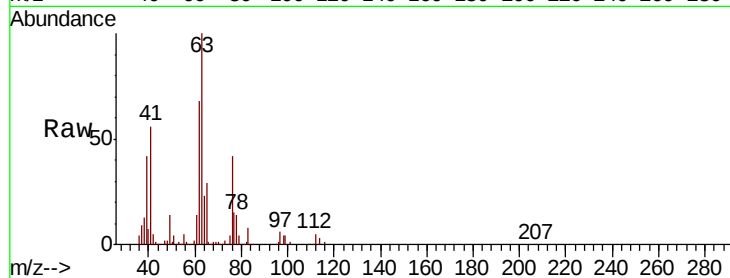




#45
 1,2-Dichloropropane
 Concen: 53.388 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

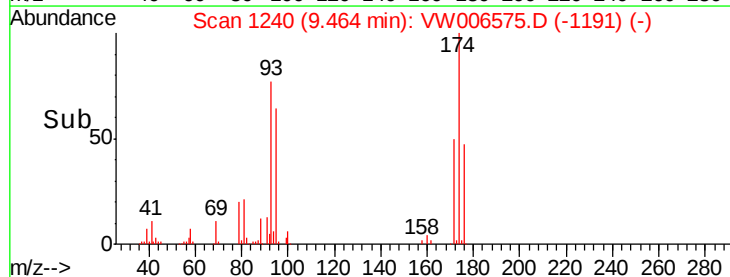
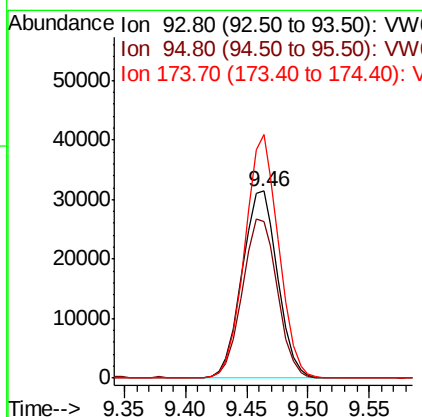
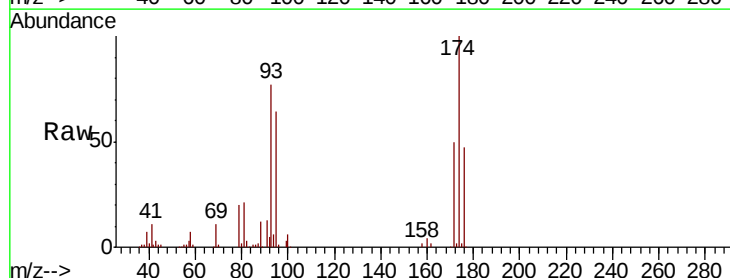
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

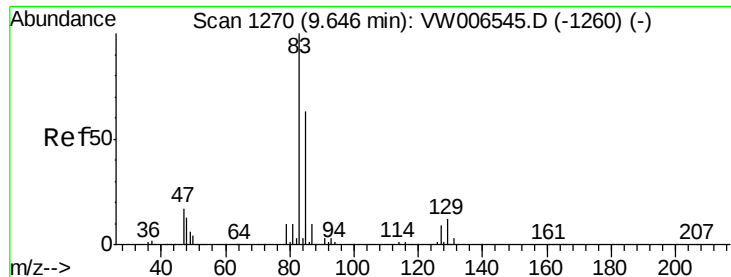
Tgt Ion: 63 Resp: 112231
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.1 37.7



#46
 Dibromomethane
 Concen: 51.442 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 93 Resp: 63569
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.2 100.8
 174 122.9 97.3 145.9

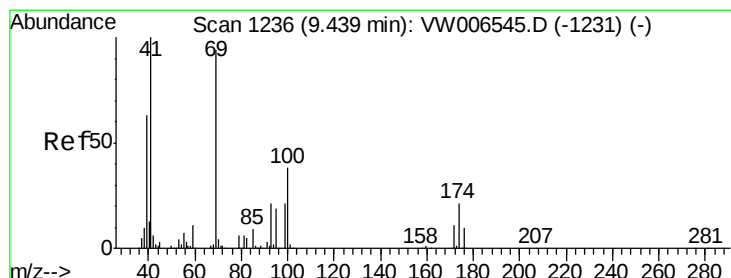
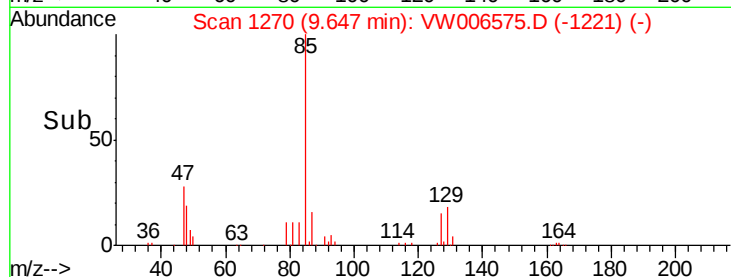
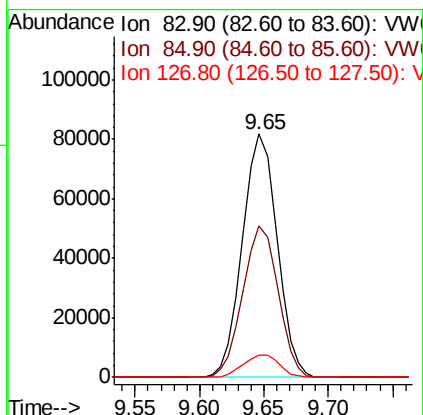
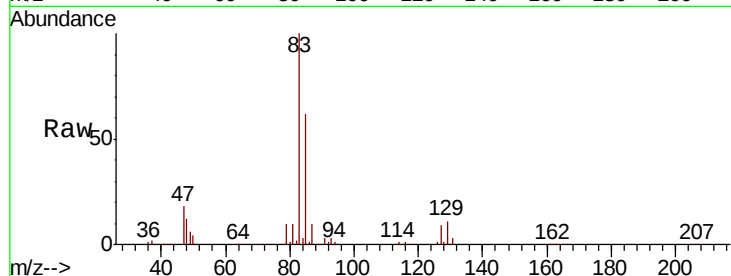




#47
 Bromodichloromethane
 Concen: 53.413 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

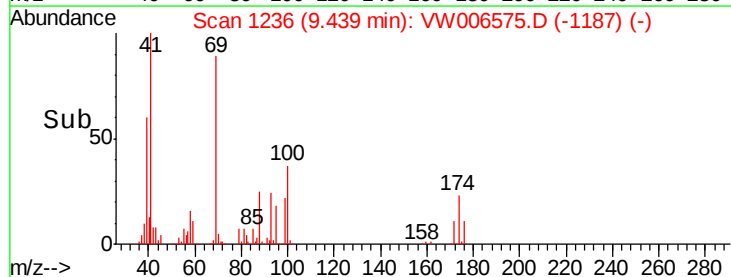
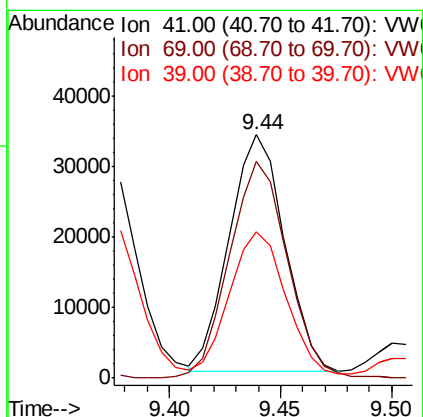
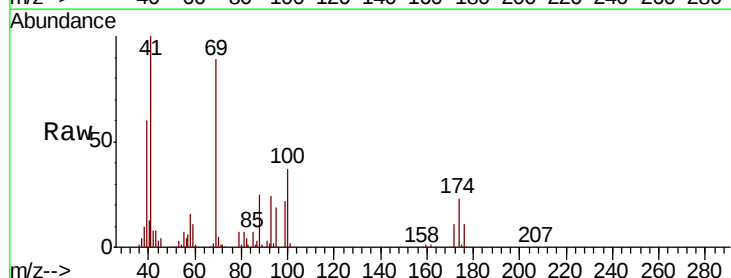
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

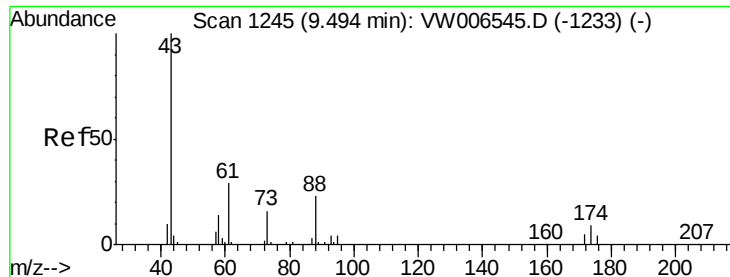
Tgt Ion: 83 Resp: 153258
 Ion Ratio Lower Upper
 83 100
 85 62.4 50.6 75.8
 127 9.1 7.5 11.3



#48
 Methyl methacrylate
 Concen: 54.903 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 41 Resp: 58174
 Ion Ratio Lower Upper
 41 100
 69 96.2 77.8 116.8
 39 60.3 48.7 73.1





#49

1,4-Dioxane

Concen: 1120.771 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.05 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

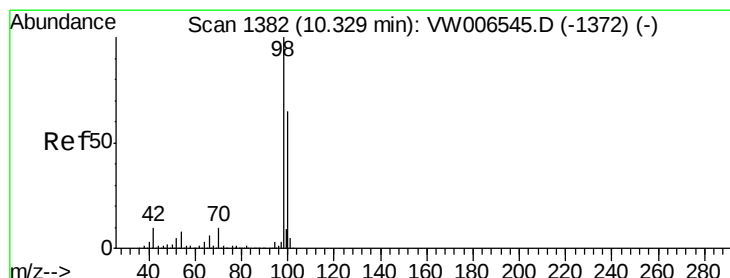
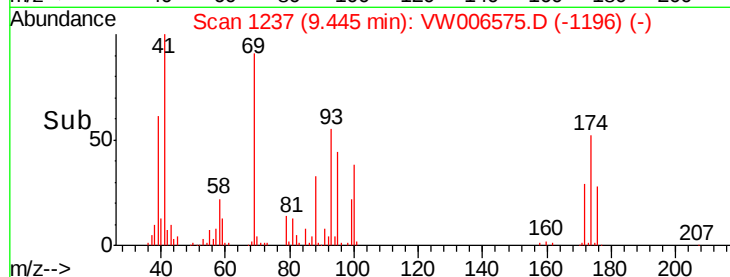
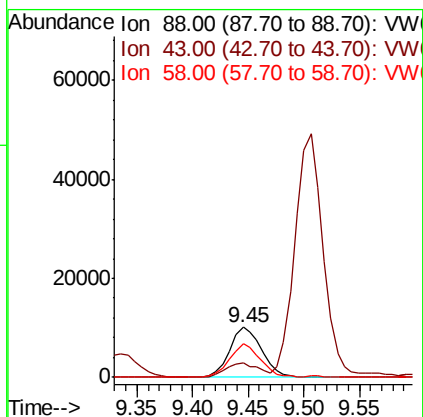
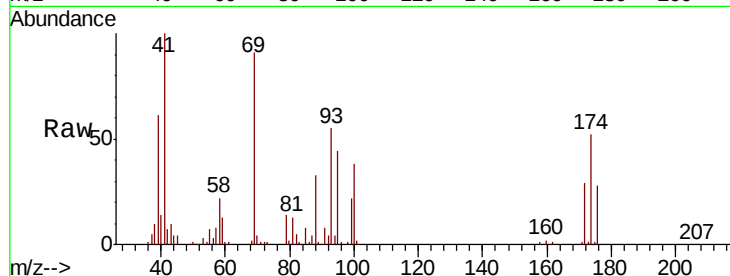
Tgt Ion: 88 Resp: 20269

Ion Ratio Lower Upper

88 100

43 28.5 356.6 534.8#

58 64.9 51.4 77.2



#50

Toluene-d8

Concen: 49.217 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006575.D

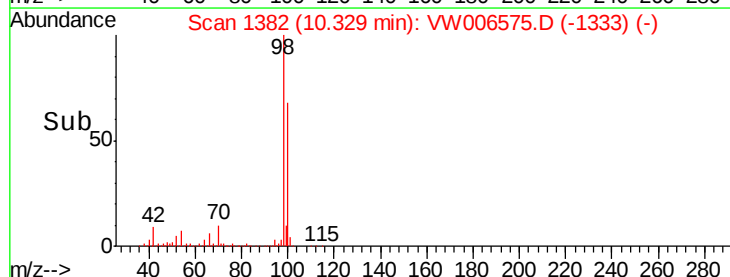
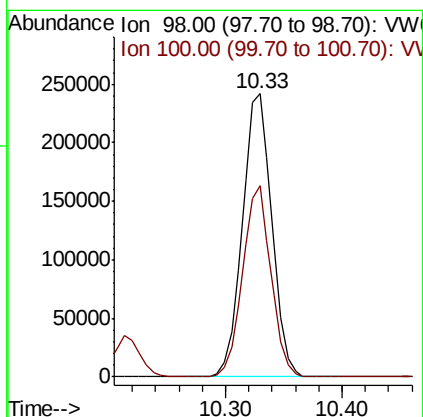
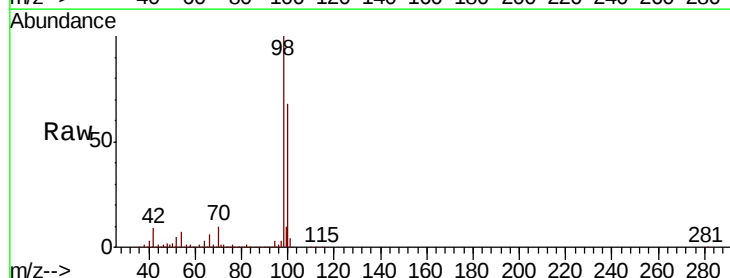
Acq: 01 Nov 2018 23:26

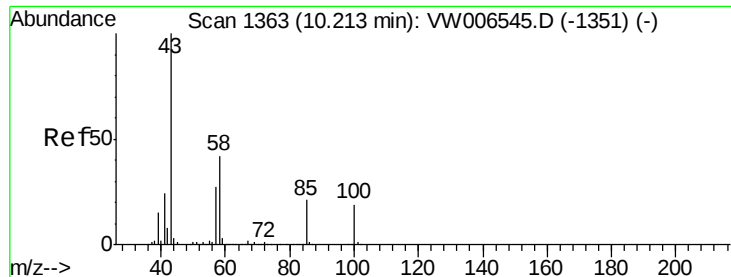
Tgt Ion: 98 Resp: 425227

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

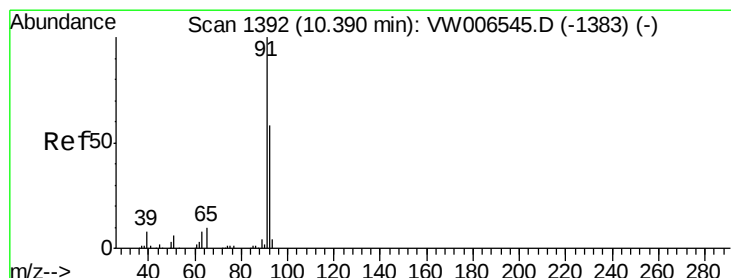
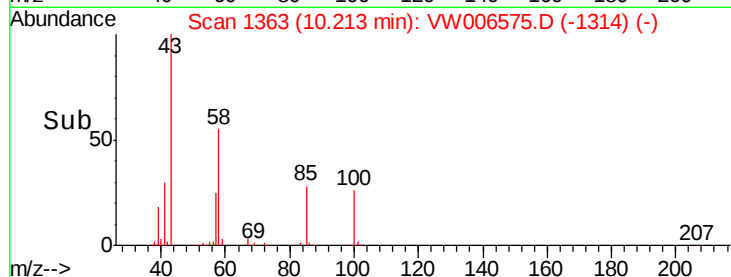
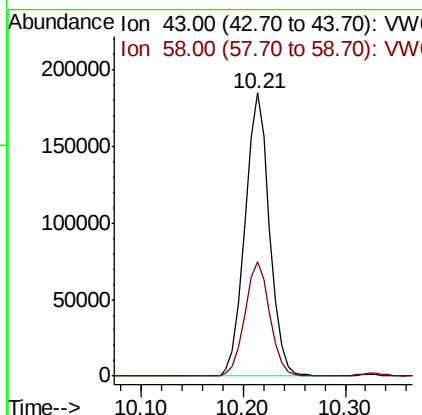
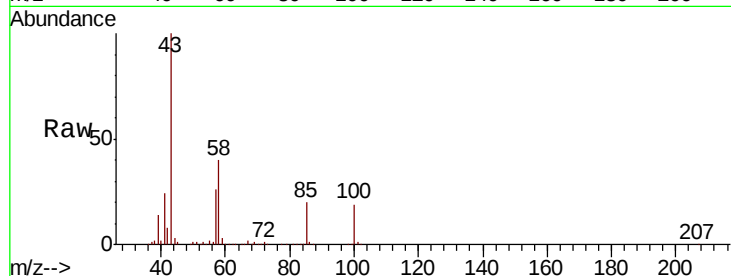




#51
 4-Methyl-2-Pentanone
 Concen: 272.544 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

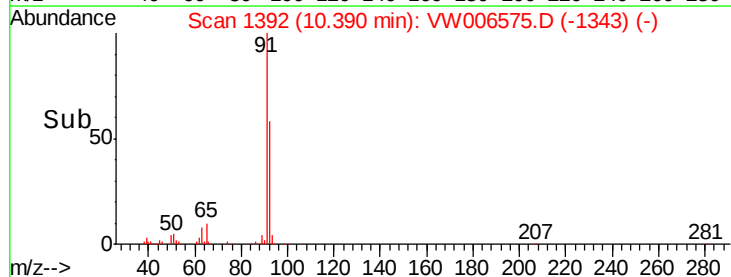
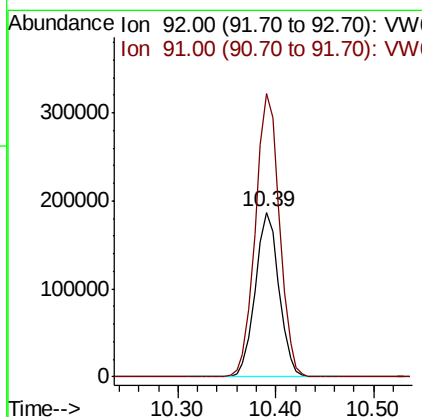
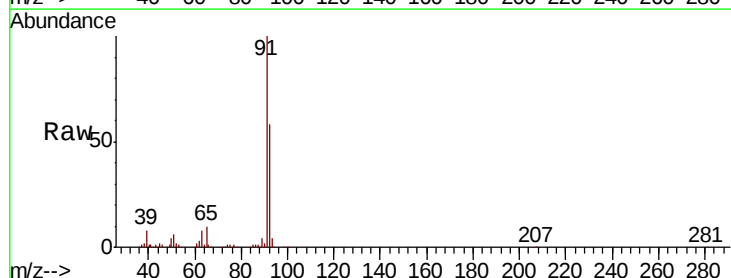
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

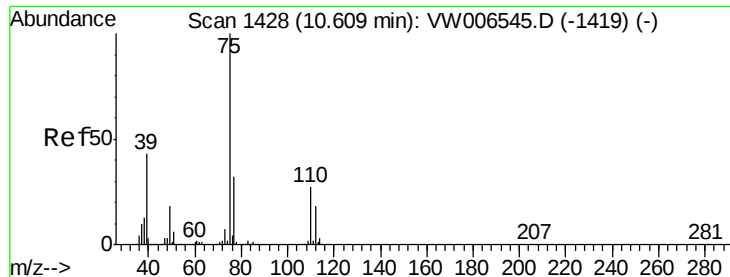
Tgt Ion: 43 Resp: 307834
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.4 50.0



#52
 Toluene
 Concen: 51.798 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 92 Resp: 313829
 Ion Ratio Lower Upper
 92 100
 91 174.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.595 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

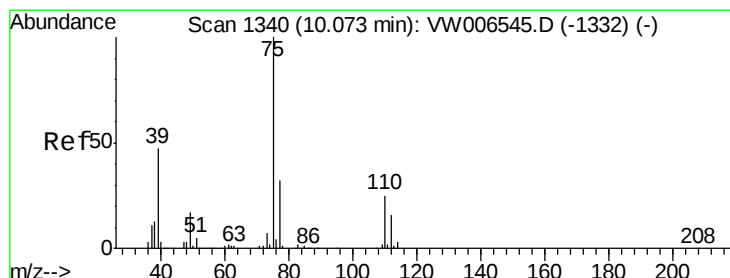
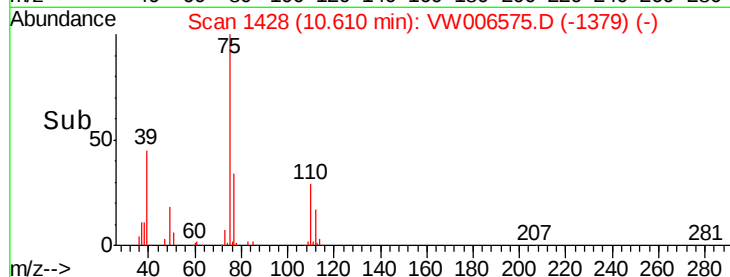
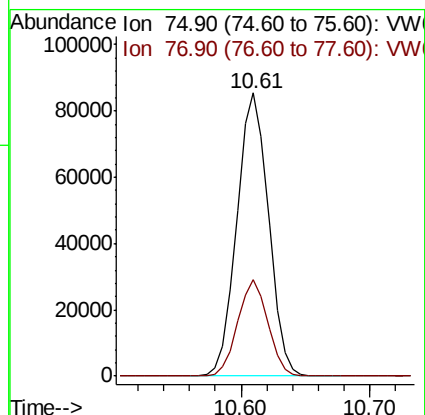
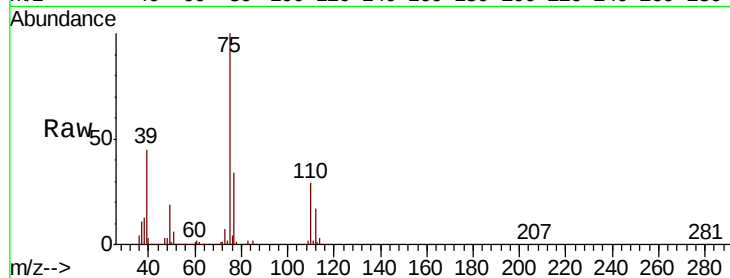
VSTDCCC050

Tgt Ion: 75 Resp: 145237

Ion Ratio Lower Upper

75 100

77 33.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 52.526 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

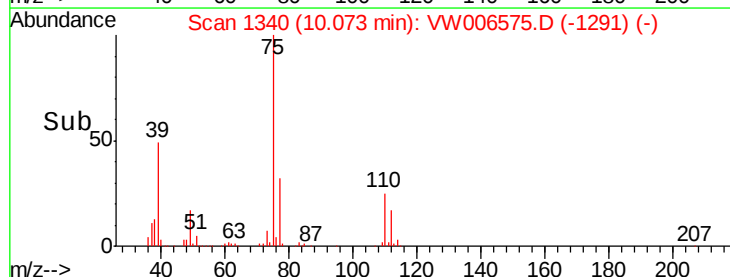
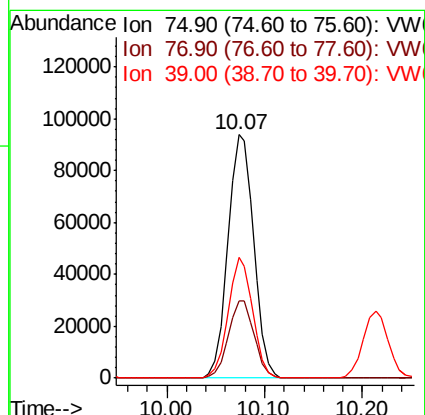
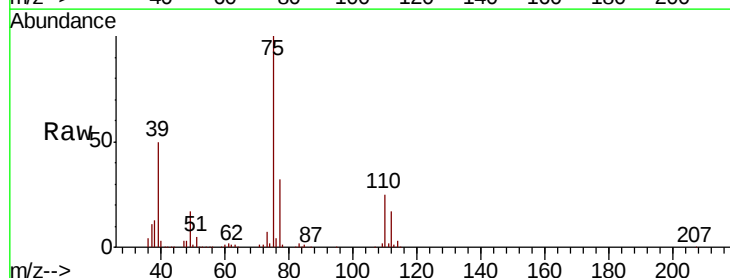
Tgt Ion: 75 Resp: 171404

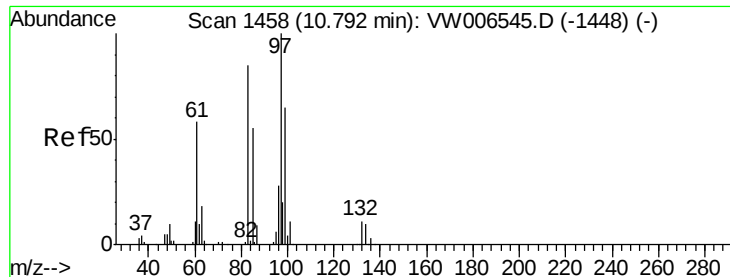
Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

39 49.4 37.3 55.9

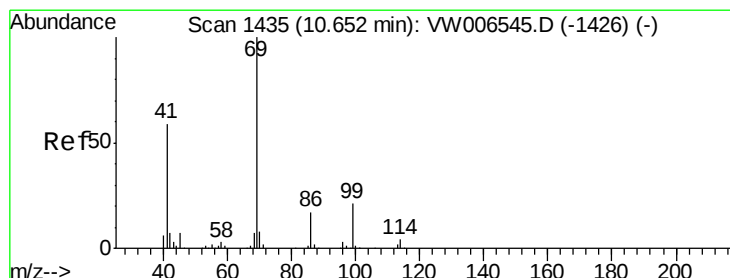
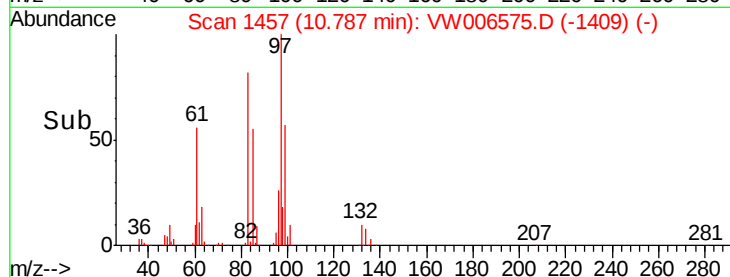
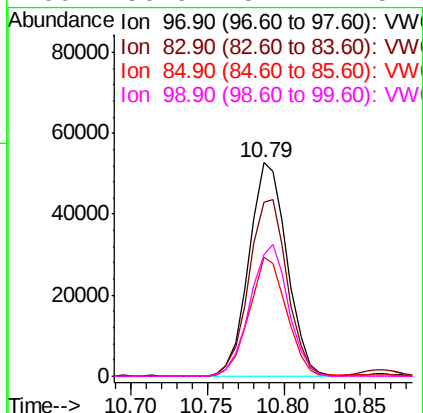
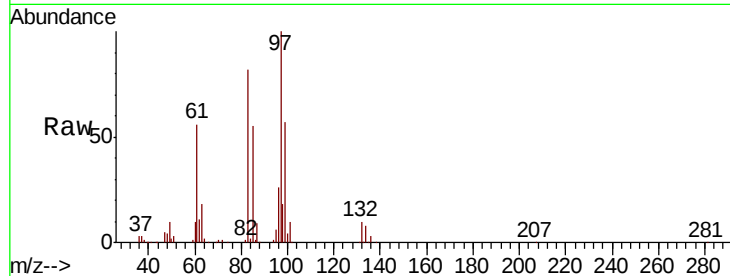




#55
 1,1,2-Trichloroethane
 Concen: 52.231 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

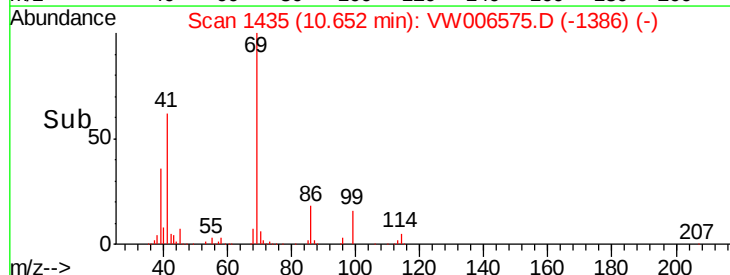
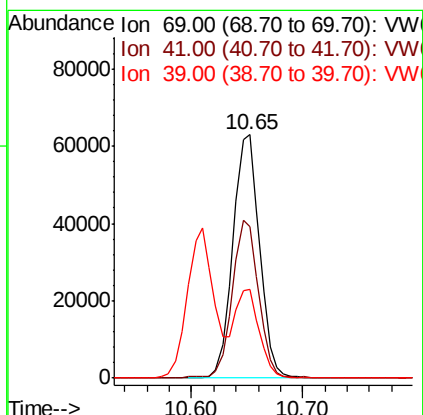
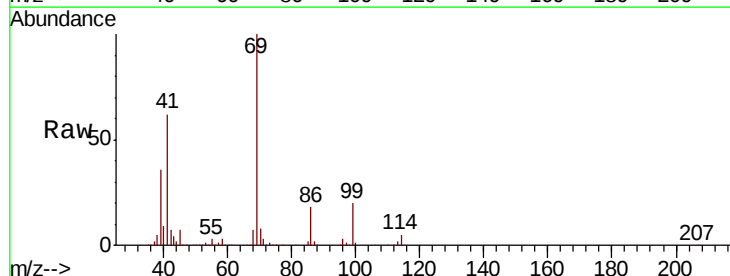
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

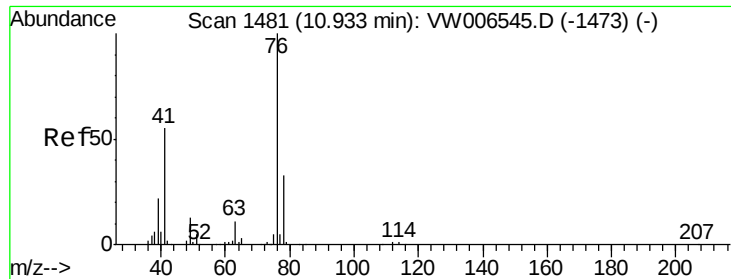
Tgt Ion:	97	Resp:	91578
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.9	101.9
85	55.5	44.0	66.0
99	56.9	52.2	78.2



#56
 Ethyl methacrylate
 Concen: 52.241 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion:	69	Resp:	104109
Ion	Ratio	Lower	Upper
69	100		
41	64.6	47.4	71.2
39	31.9	25.3	37.9

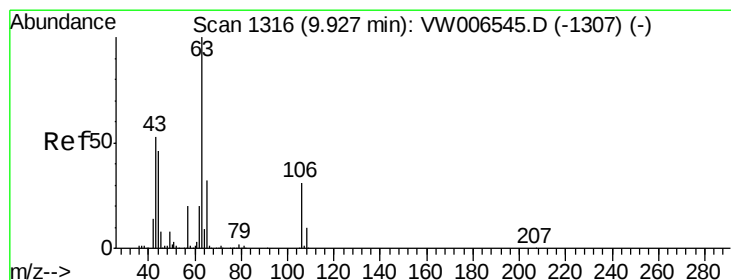
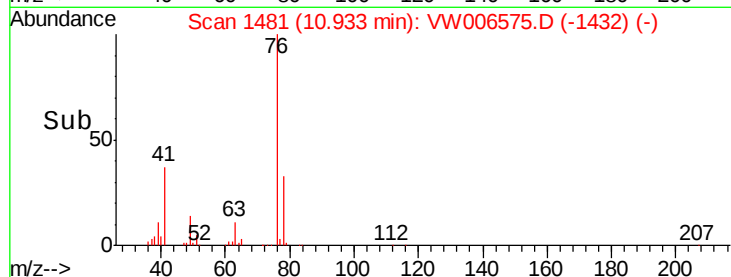
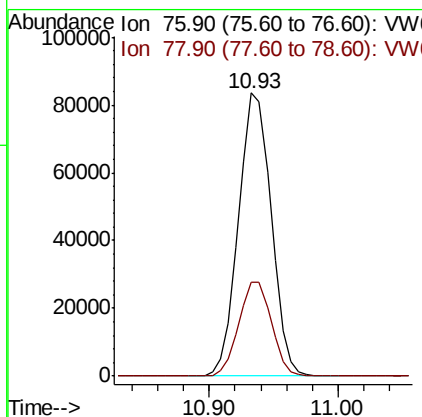
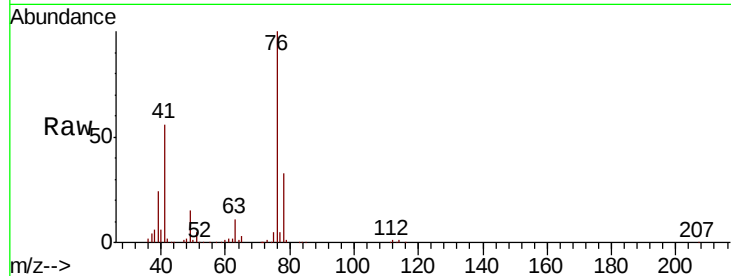




#57
 1,3-Dichloropropane
 Concen: 51.594 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

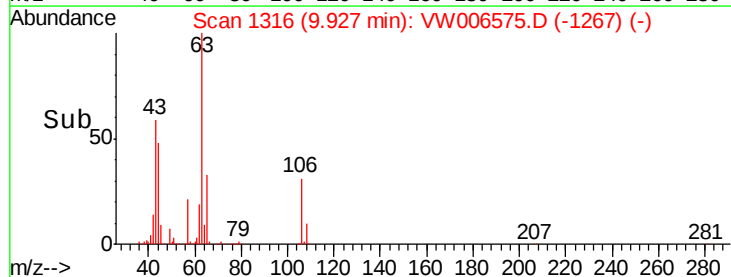
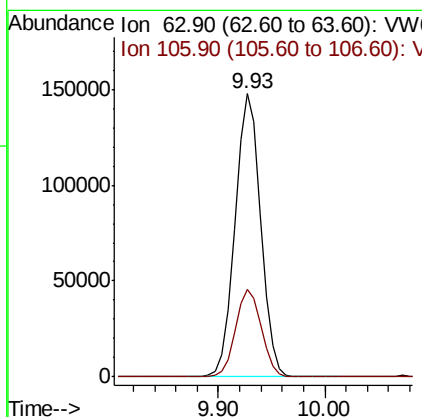
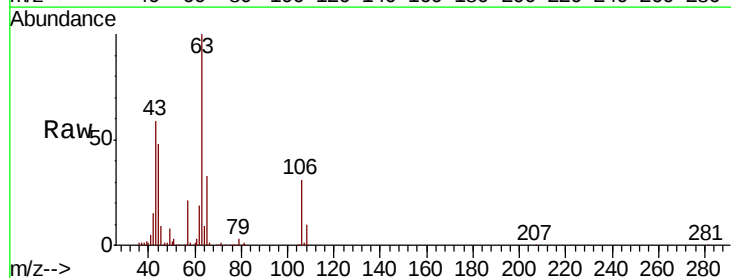
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

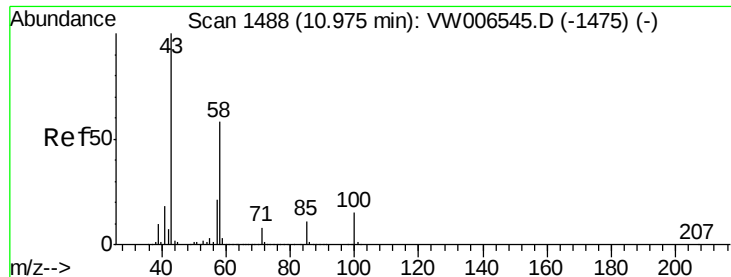
Tgt Ion: 76 Resp: 146893
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.892 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 63 Resp: 248861
 Ion Ratio Lower Upper
 63 100
 106 31.2 25.4 38.2

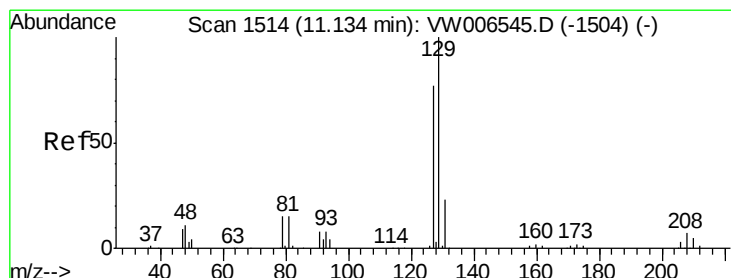
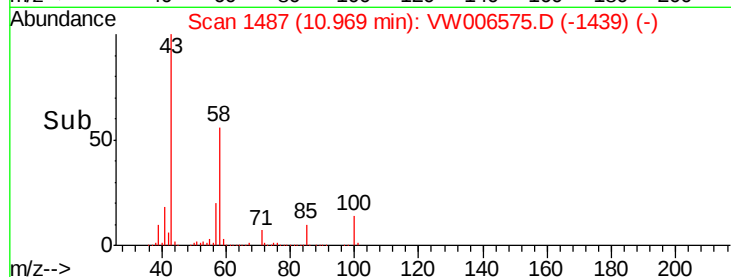
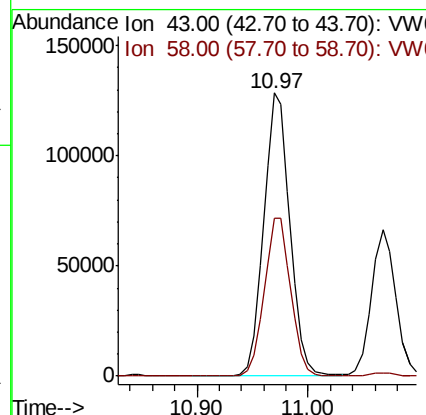
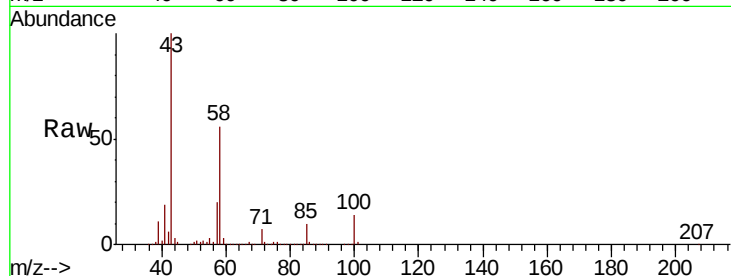




#59
2-Hexanone
Concen: 273.883 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

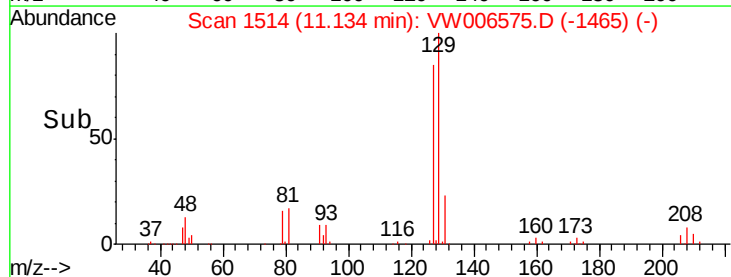
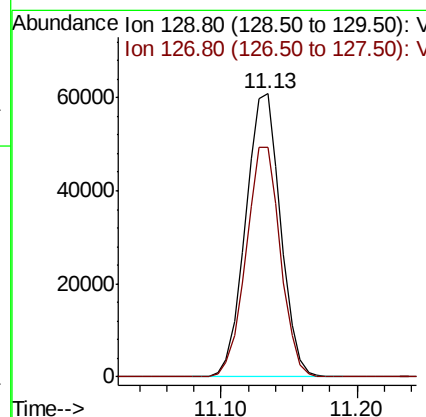
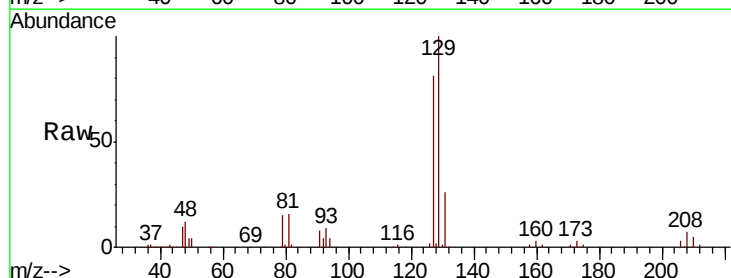
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 210105
Ion Ratio Lower Upper
43 100
58 56.7 28.8 86.4



#60
Dibromochloromethane
Concen: 52.583 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 129 Resp: 109235
Ion Ratio Lower Upper
129 100
127 79.8 38.8 116.3

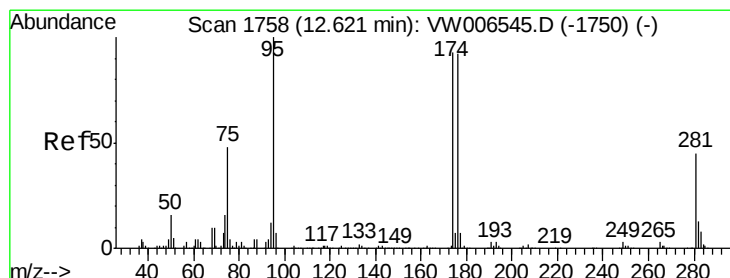
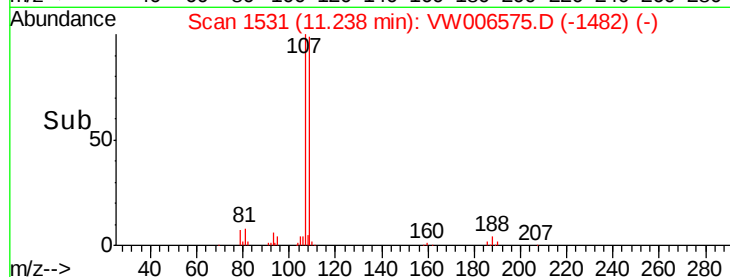
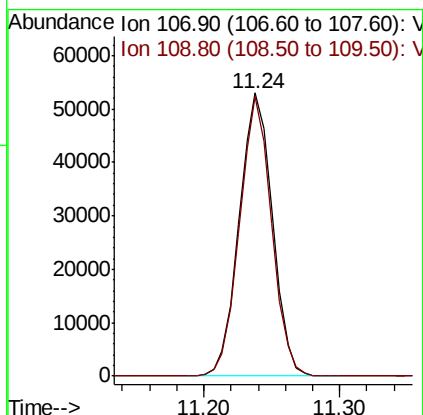
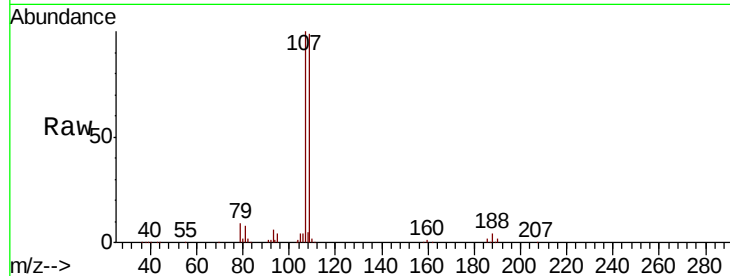




#61
 1,2-Dibromoethane
 Concen: 51.862 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

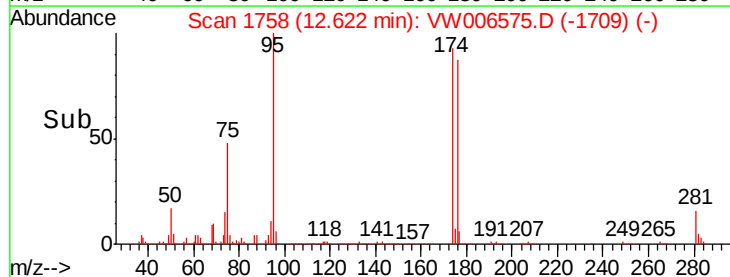
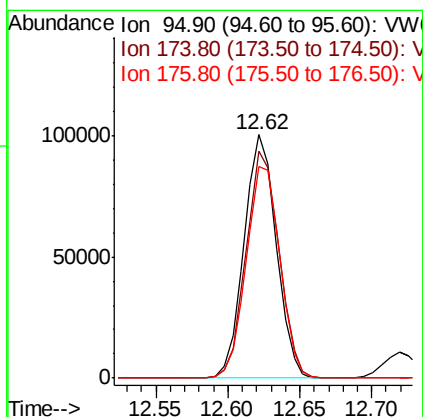
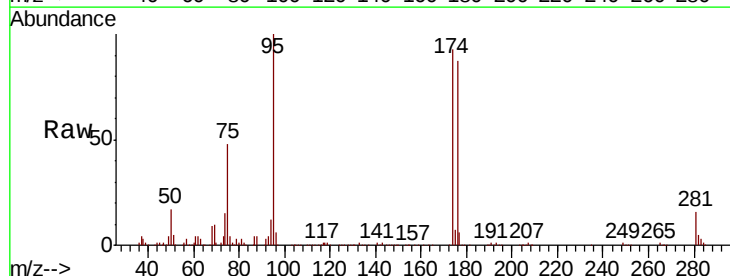
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

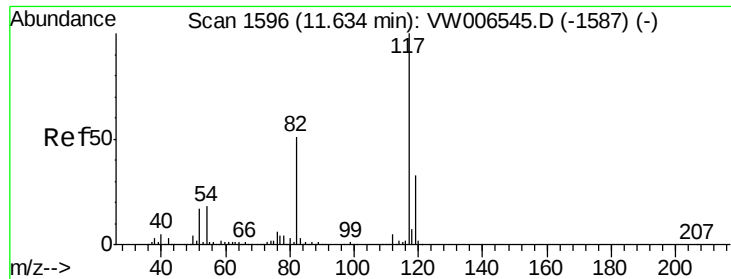
Tgt Ion: 107 Resp: 90300
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.490 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion: 95 Resp: 155016
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 192.4
 176 91.3 0.0 187.4

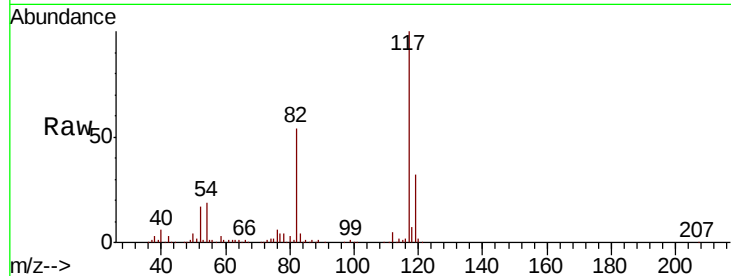




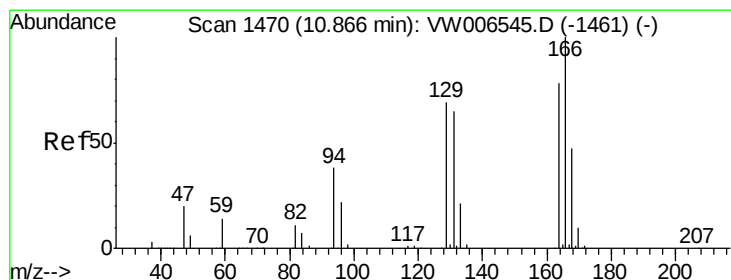
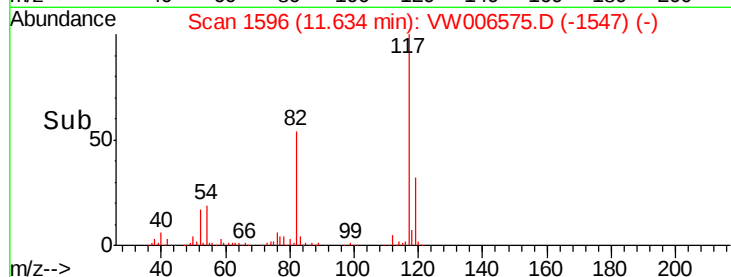
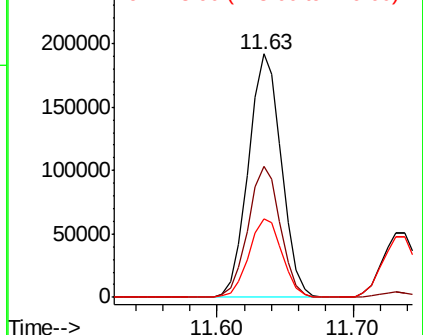
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 325588
Ion Ratio Lower Upper
117 100
82 54.0 40.8 61.2
119 32.1 26.1 39.1

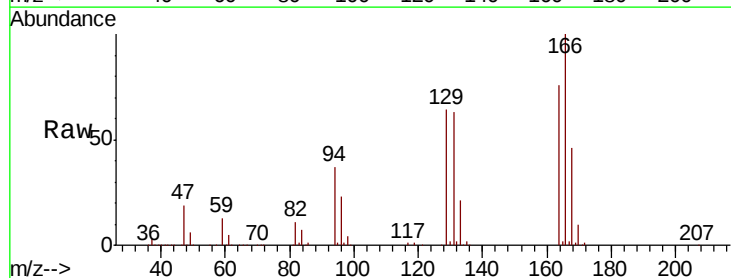


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

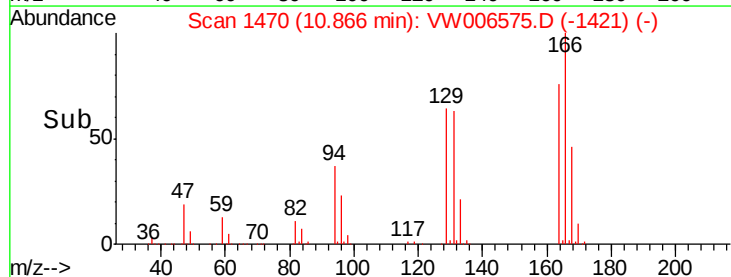
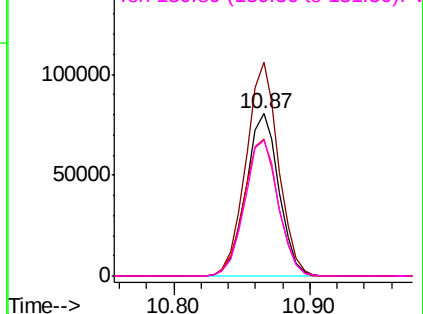


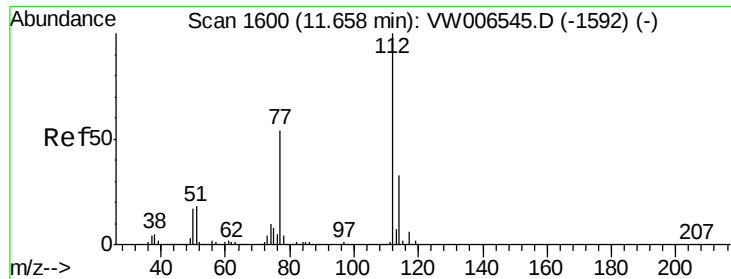
#64
Tetrachloroethene
Concen: 52.621 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion:164 Resp: 136573
Ion Ratio Lower Upper
164 100
166 131.5 102.8 154.2
129 84.4 70.9 106.3
131 83.3 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

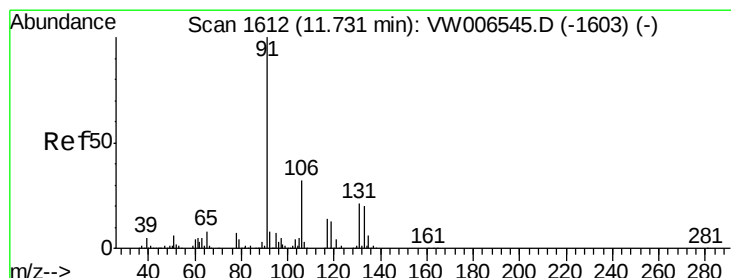
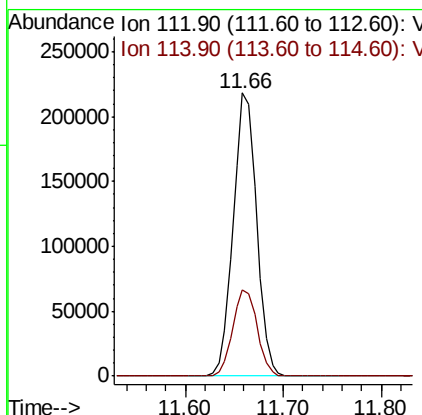
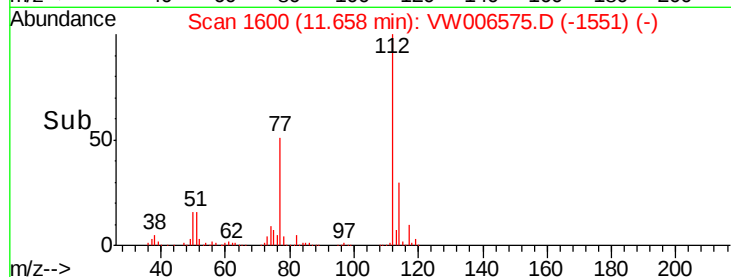
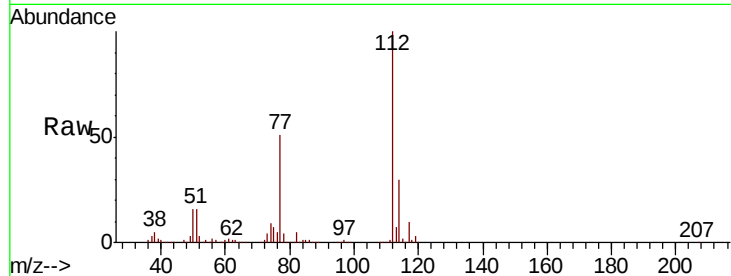




#65
Chlorobenzene
Concen: 52.942 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

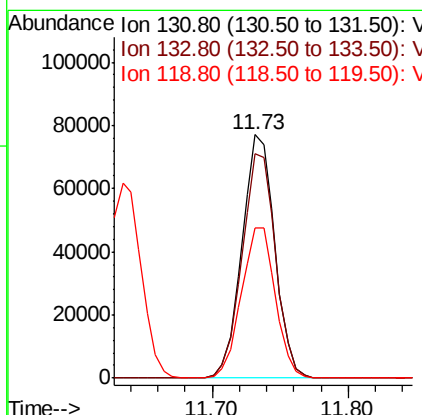
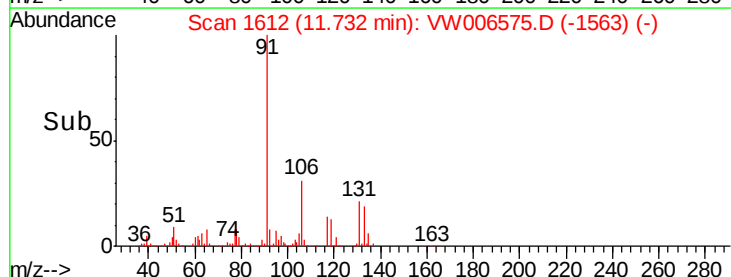
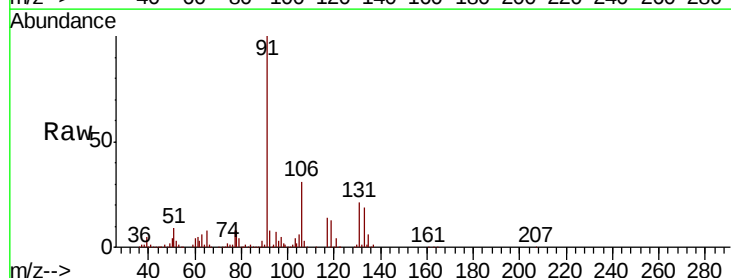
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

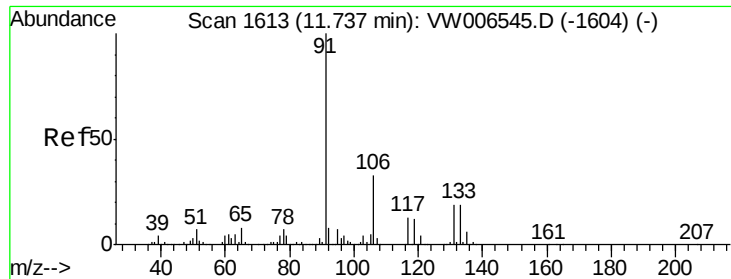
Tgt Ion:112 Resp: 362725
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.997 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion:131 Resp: 130032
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 63.9 31.9 95.5

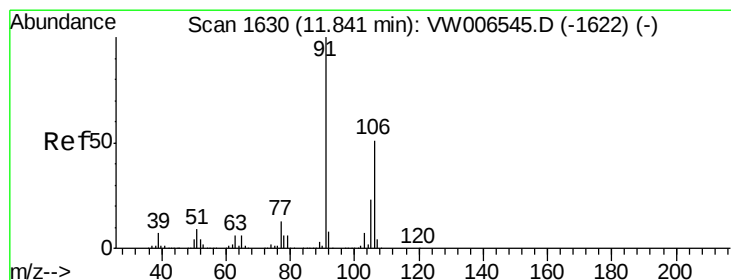
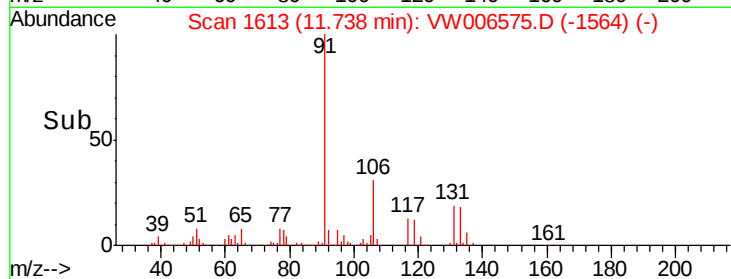
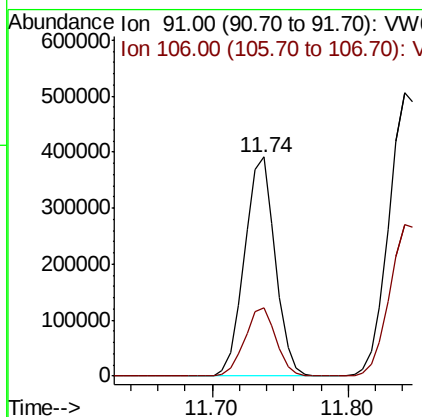
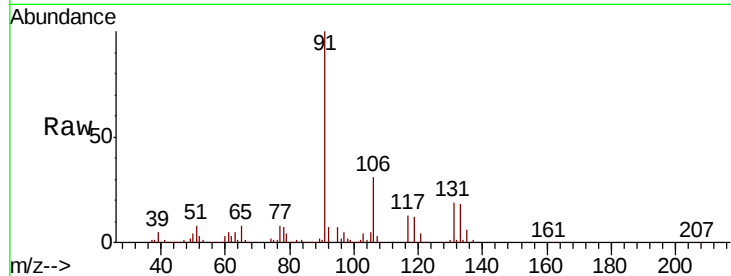




#67
Ethyl Benzene
Concen: 53.879 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

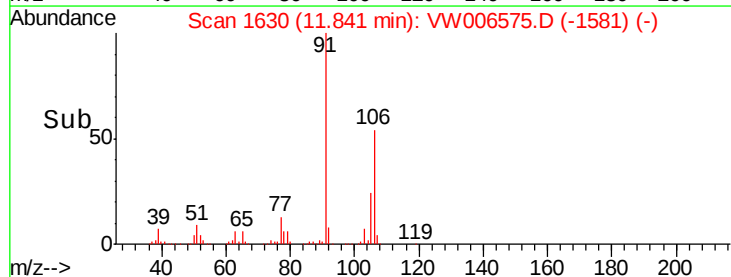
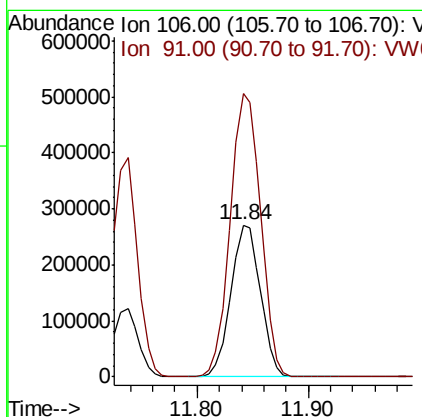
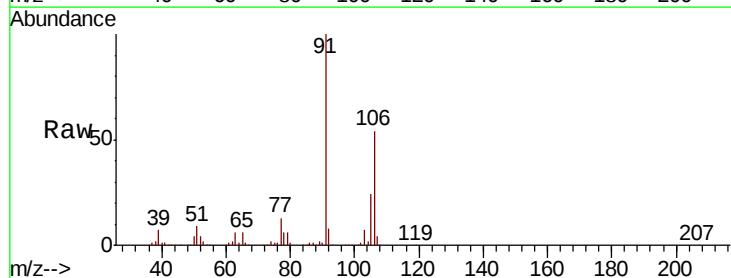
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

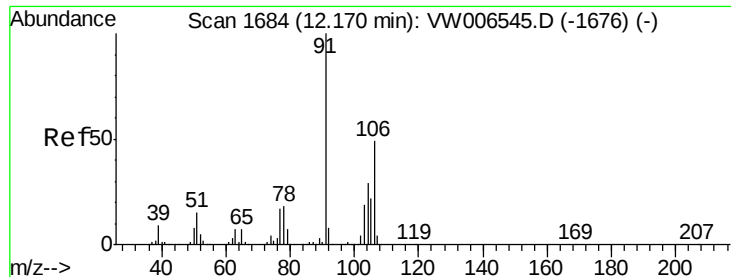
Tgt Ion: 91 Resp: 617005
Ion Ratio Lower Upper
91 100
106 31.2 26.3 39.5



#68
m/p-Xylenes
Concen: 108.569 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 106 Resp: 496726
Ion Ratio Lower Upper
106 100
91 192.2 156.7 235.1

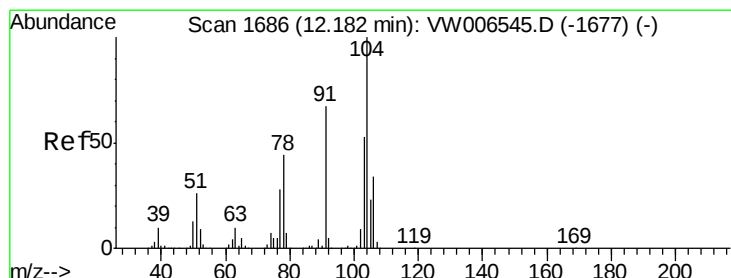
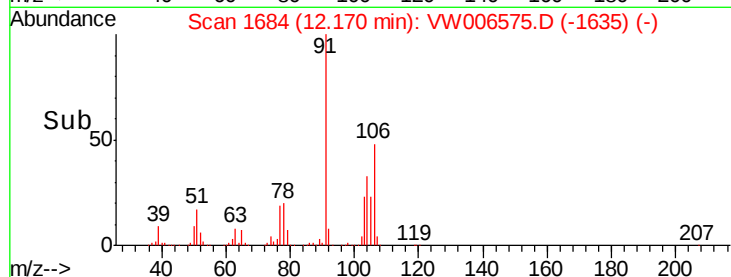
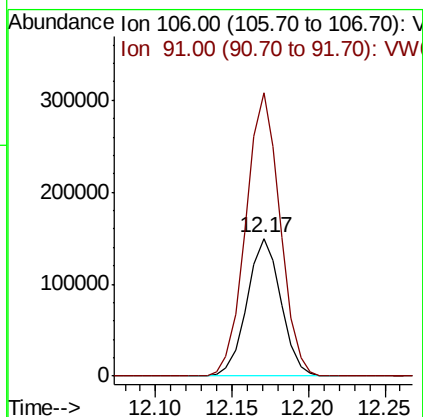
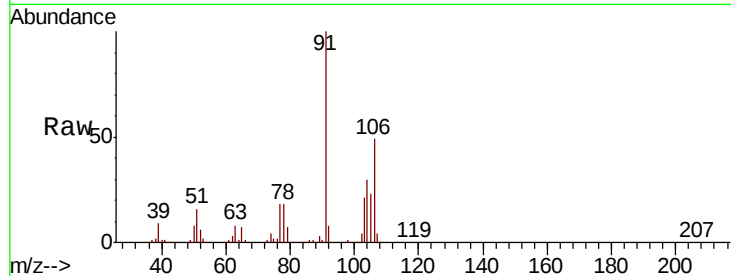




#69
o-Xylene
Concen: 53.141 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

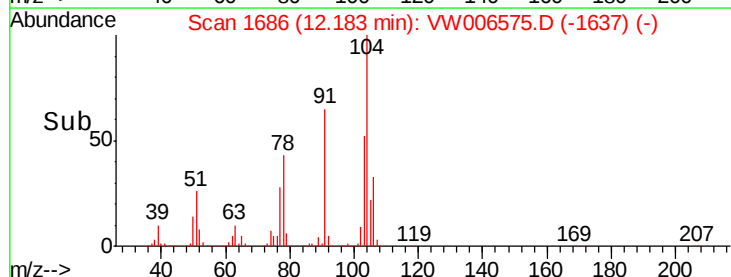
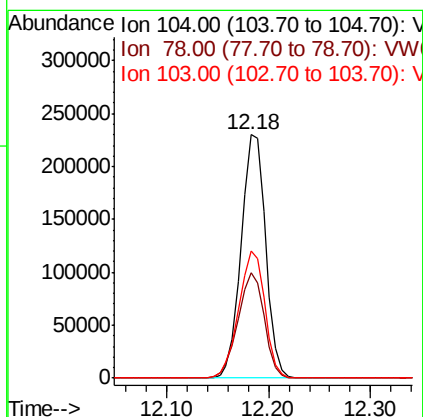
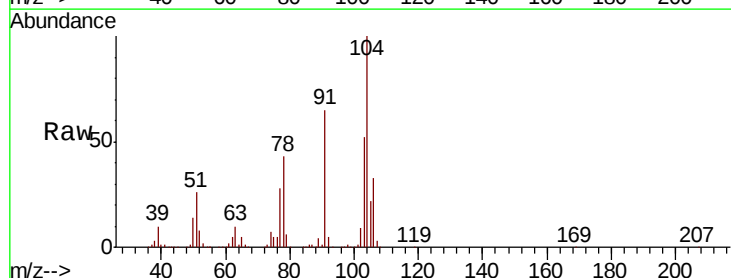
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

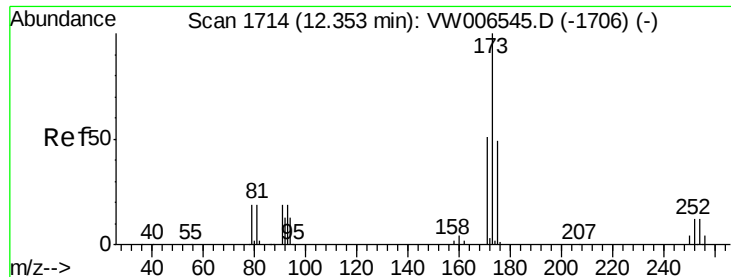
Tgt Ion:106 Resp: 231465
Ion Ratio Lower Upper
106 100
91 206.7 102.8 308.4



#70
Styrene
Concen: 53.903 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion:104 Resp: 382785
Ion Ratio Lower Upper
104 100
78 46.4 37.2 55.8
103 55.7 44.2 66.2





#71

Bromoform

Concen: 53.463 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

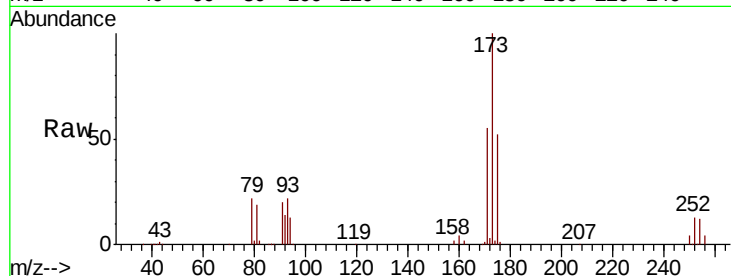
Tgt Ion:173 Resp: 68247

Ion Ratio Lower Upper

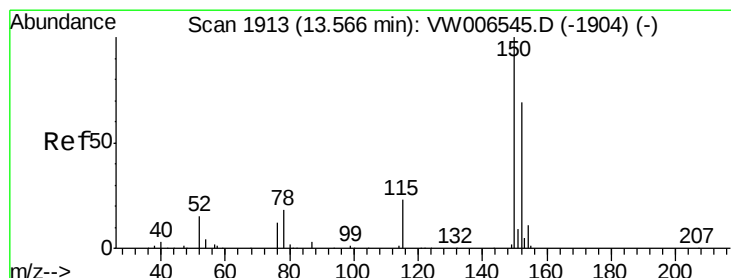
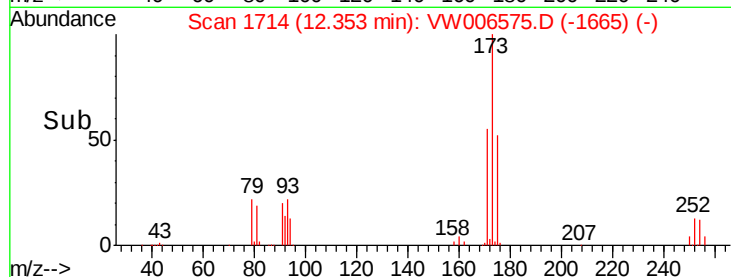
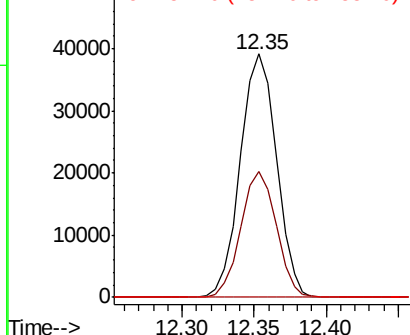
173 100

175 50.5 24.1 72.4

254 0.0 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: VW006575.D

Acq: 01 Nov 2018 23:26

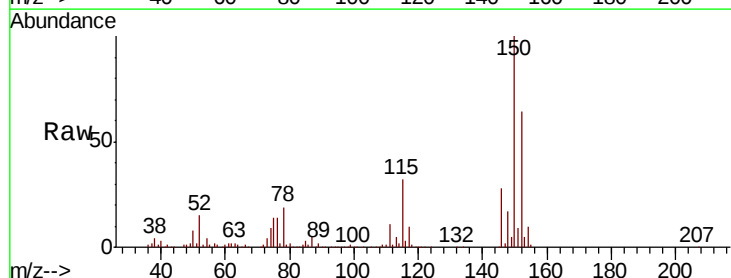
Tgt Ion:152 Resp: 194496

Ion Ratio Lower Upper

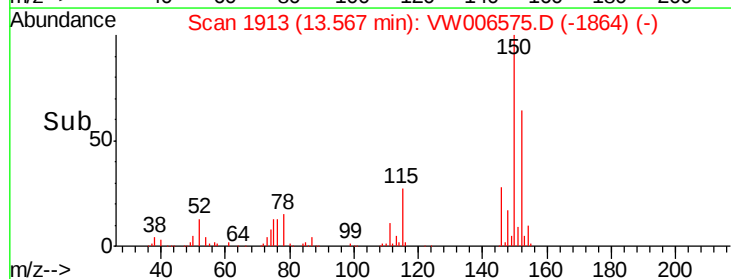
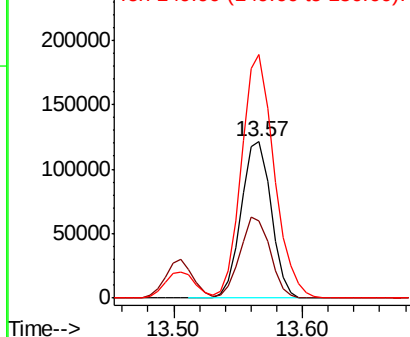
152 100

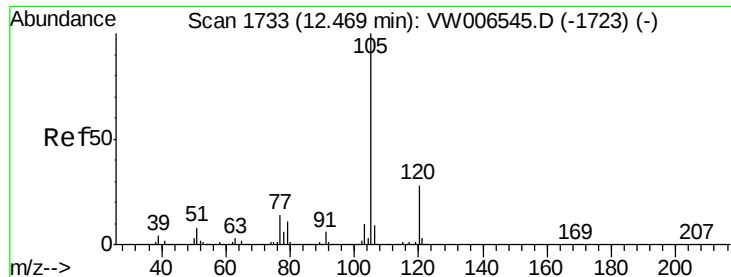
115 52.2 26.6 79.8

150 169.4 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: 49.344 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

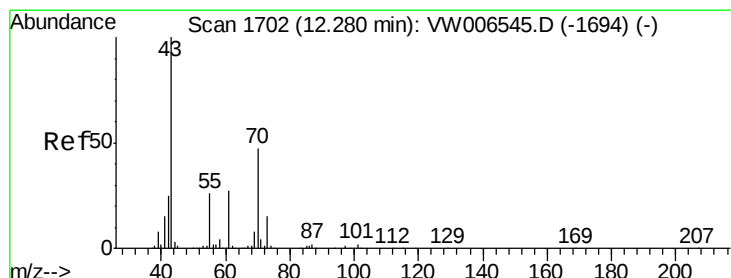
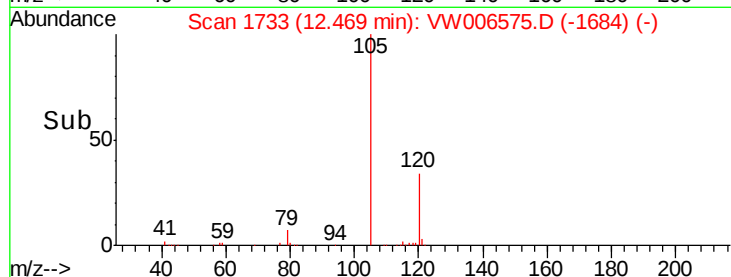
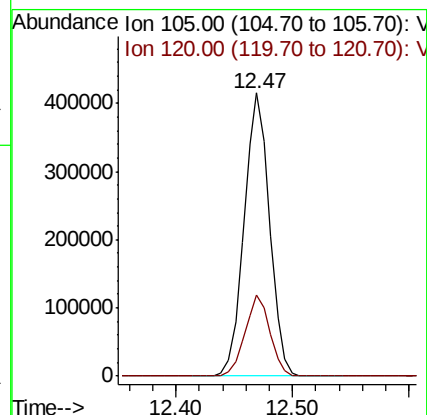
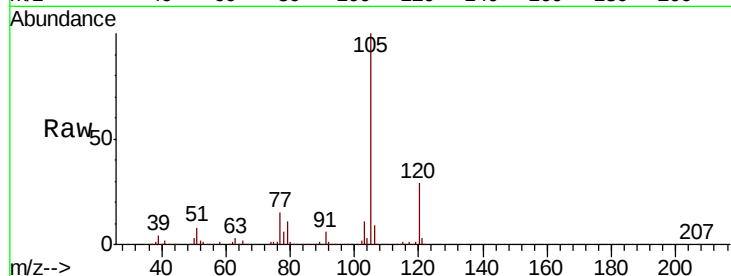
VSTDCCC050

Tgt Ion: 105 Resp: 632212

Ion Ratio Lower Upper

105 100

120 28.1 13.7 41.1



#74

N-ethyl acetate

Concen: 51.359 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Tgt Ion: 43 Resp: 113709

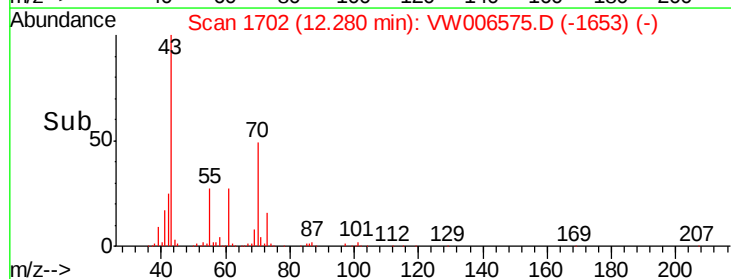
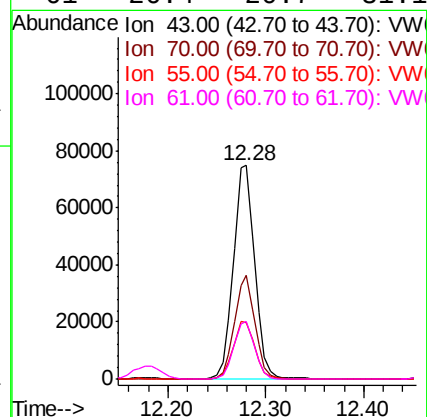
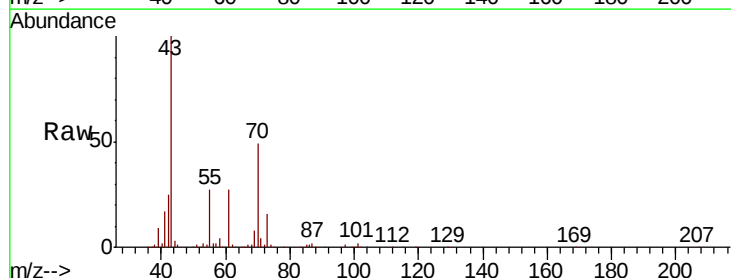
Ion Ratio Lower Upper

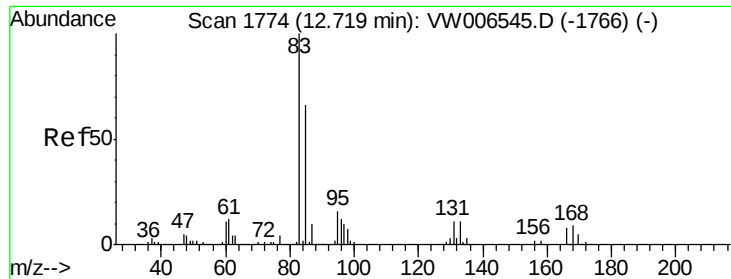
43 100

70 46.4 36.9 55.3

55 27.5 20.7 31.1

61 26.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.916 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

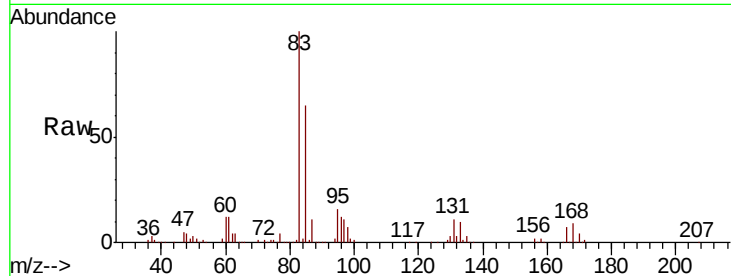
Tgt Ion: 83 Resp: 103035

Ion Ratio Lower Upper

83 100

131 12.4 5.9 17.7

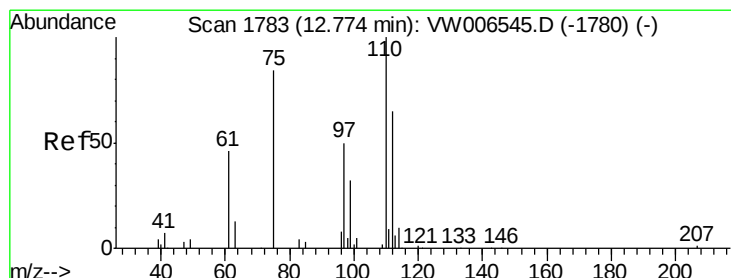
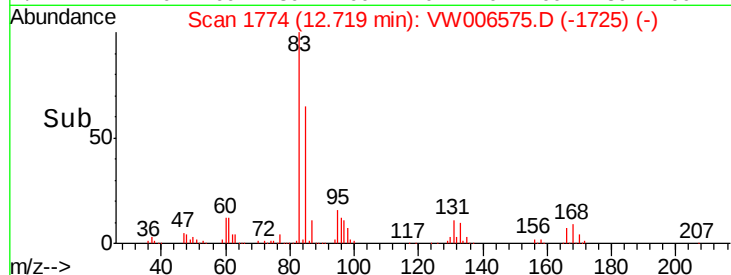
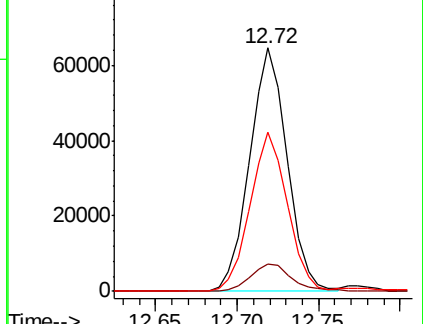
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.022 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006575.D

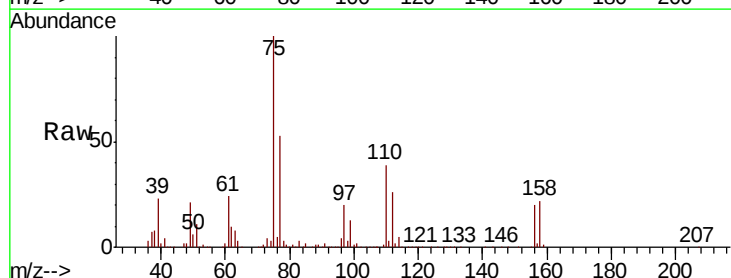
Acq: 01 Nov 2018 23:26

Tgt Ion: 75 Resp: 130539

Ion Ratio Lower Upper

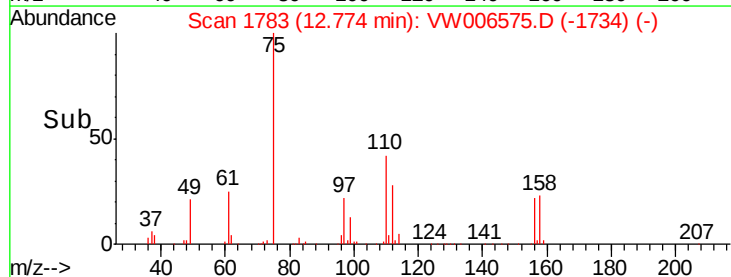
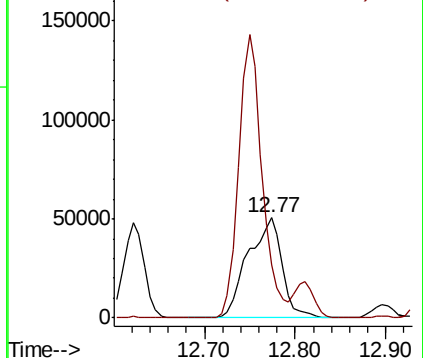
75 100

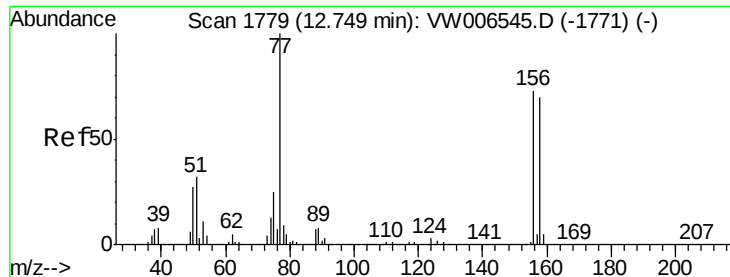
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

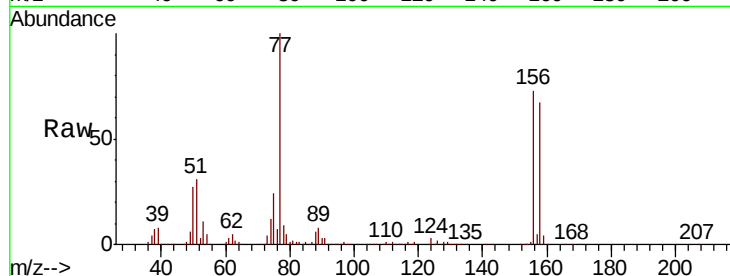




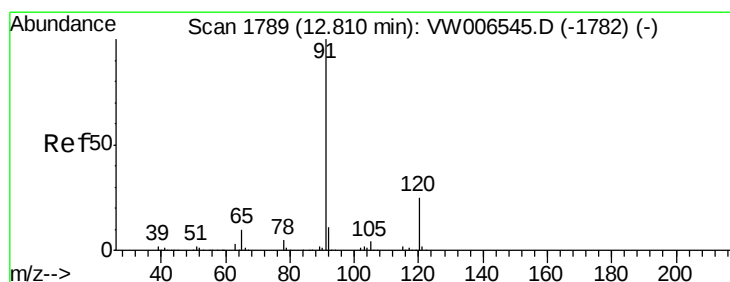
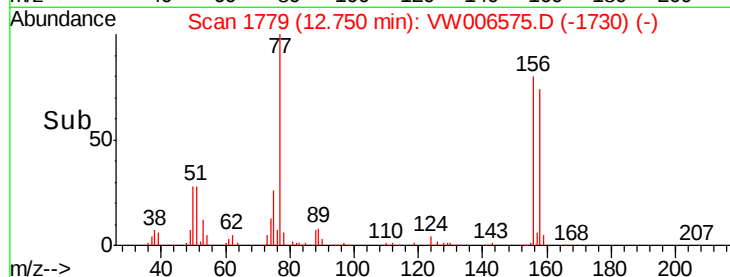
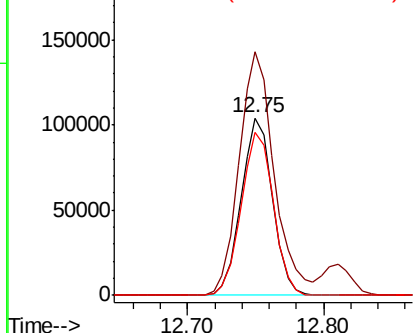
#77
Bromobenzene
Concen: 50.474 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 167438
Ion Ratio Lower Upper
156 100
77 153.9 75.9 227.8
158 94.6 48.6 145.9

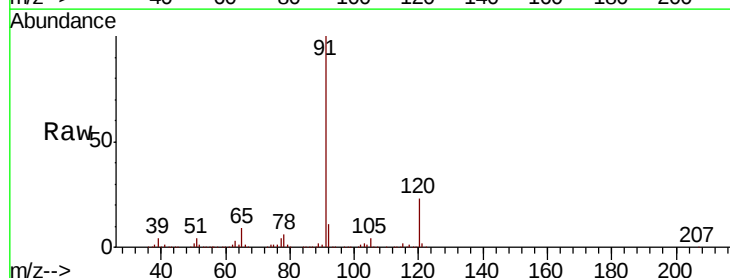


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

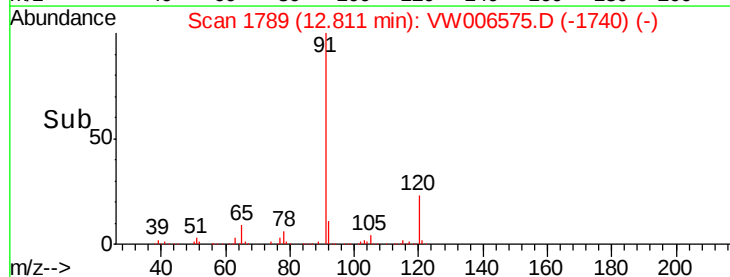
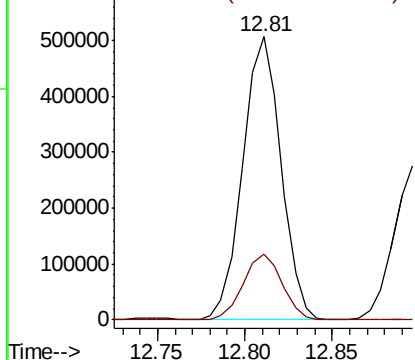


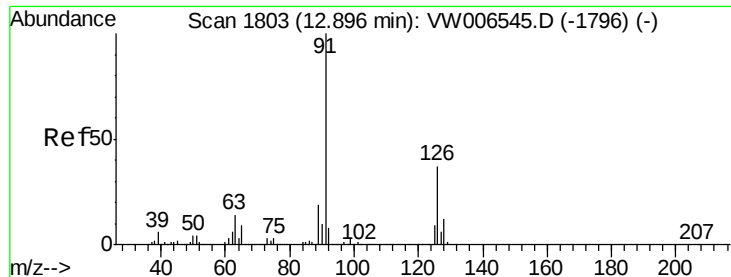
#78
n-propylbenzene
Concen: 52.309 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 91 Resp: 770877
Ion Ratio Lower Upper
91 100
120 23.5 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: 51.095 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

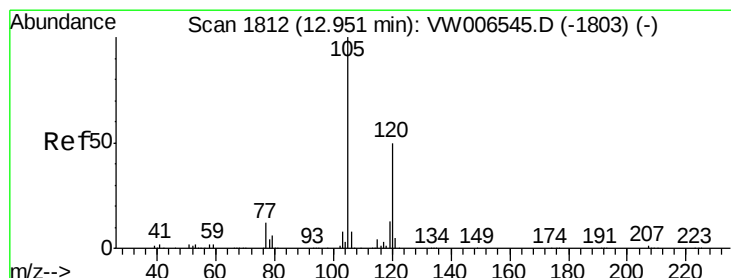
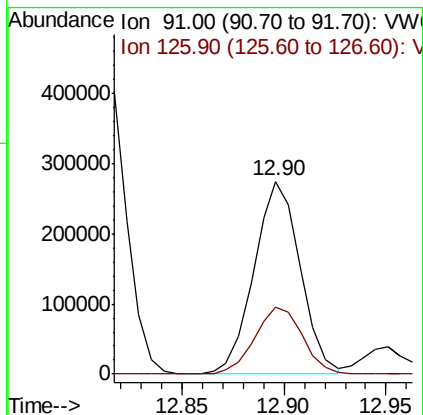
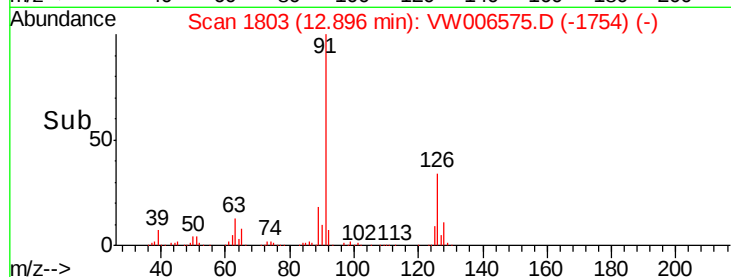
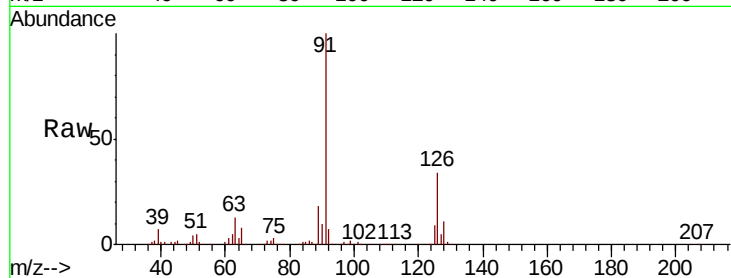
VSTDCCC050

Tgt Ion: 91 Resp: 432145

Ion Ratio Lower Upper

91 100

126 35.7 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 52.307 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006575.D

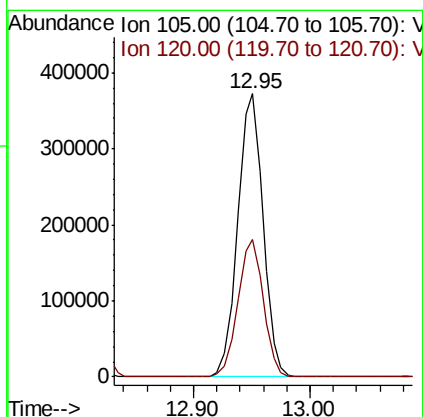
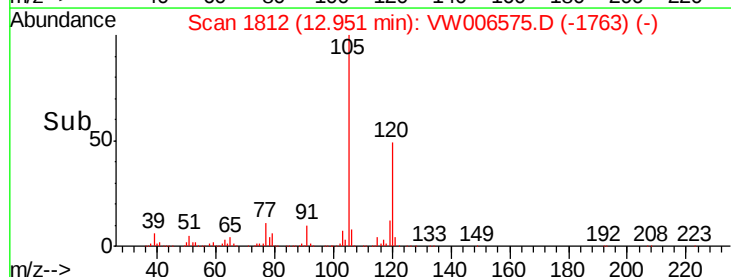
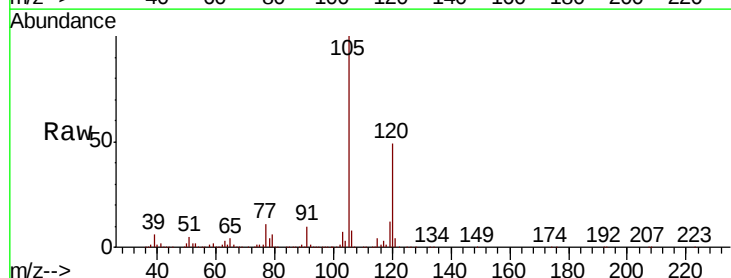
Acq: 01 Nov 2018 23:26

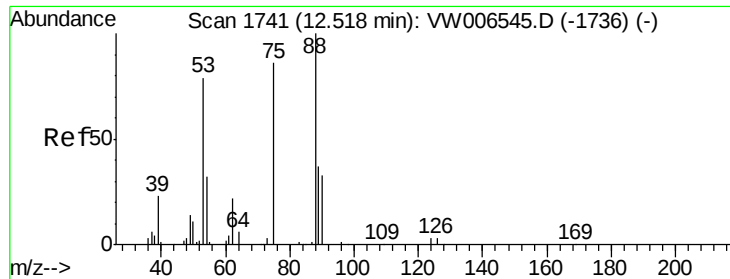
Tgt Ion: 105 Resp: 563039

Ion Ratio Lower Upper

105 100

120 49.0 25.1 75.3

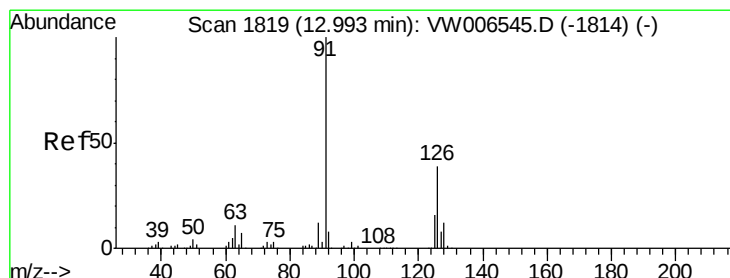
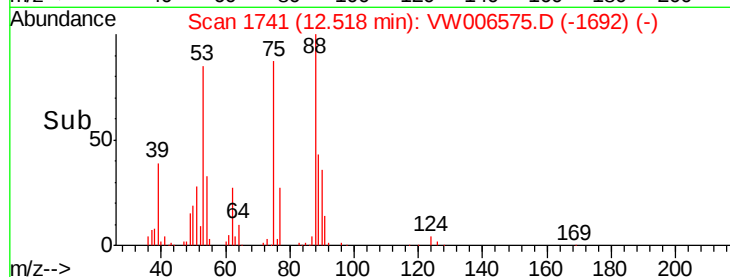
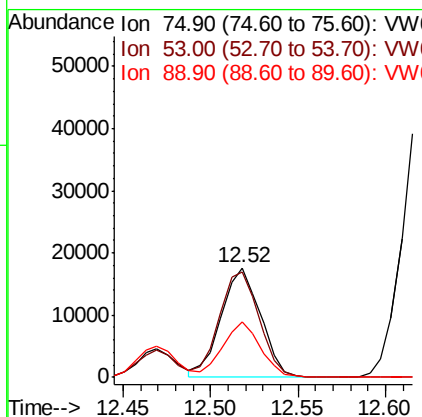
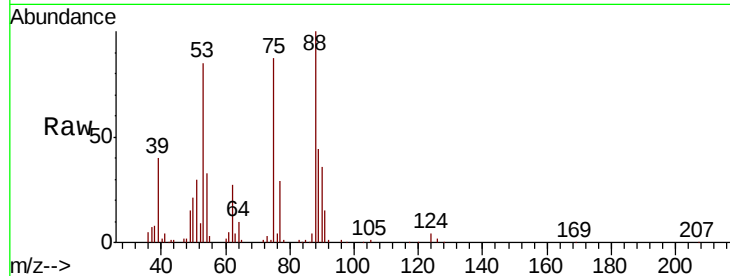




#81
trans-1,4-Dichloro-2-butene
Concen: 47.312 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

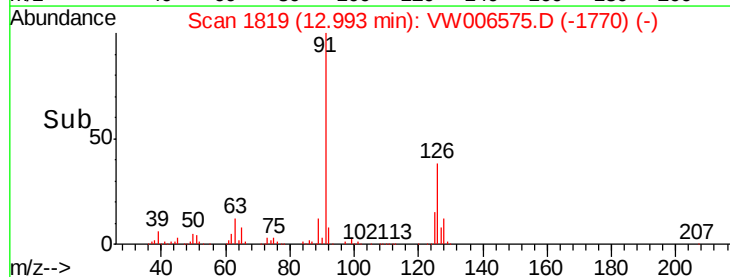
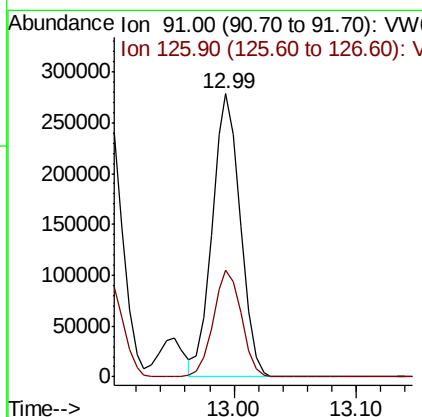
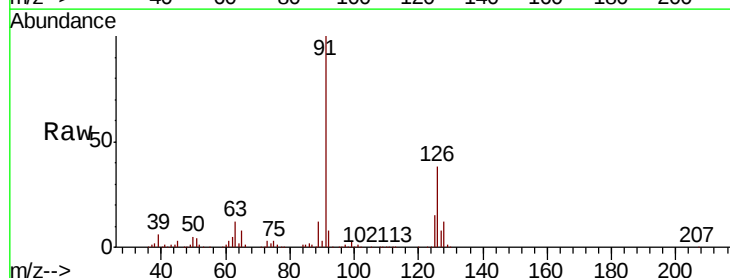
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

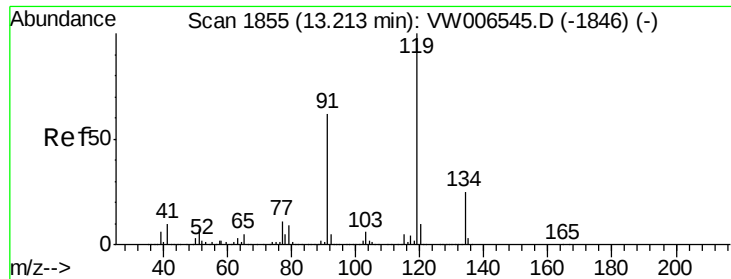
Tgt Ion: 75 Resp: 27635
Ion Ratio Lower Upper
75 100
53 98.1 77.2 115.8
89 47.9 38.6 58.0



#82
4-Chlorotoluene
Concen: 49.551 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion: 91 Resp: 443373
Ion Ratio Lower Upper
91 100
126 37.8 18.5 55.5

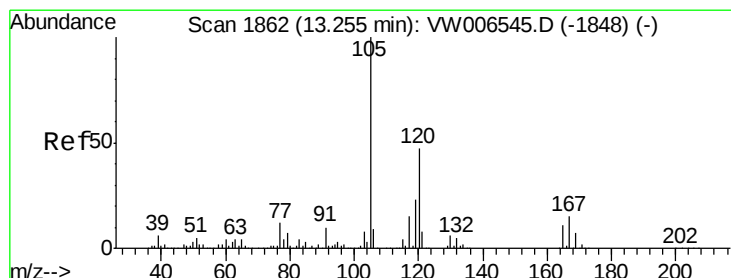
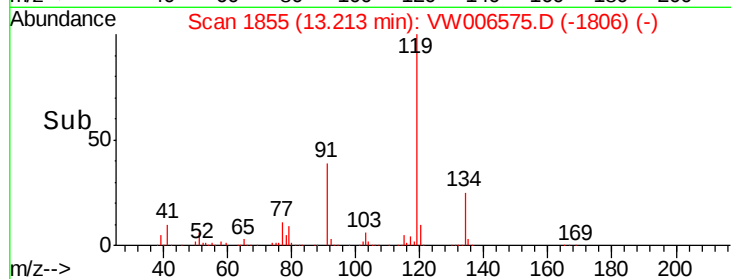
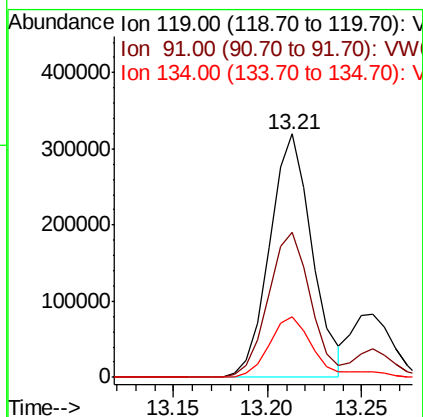
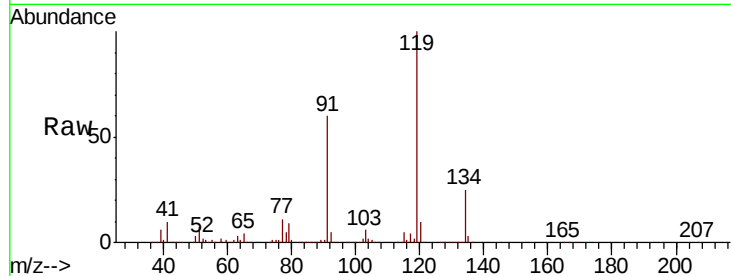




#83
 tert-Butylbenzene
 Concen: 51.825 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

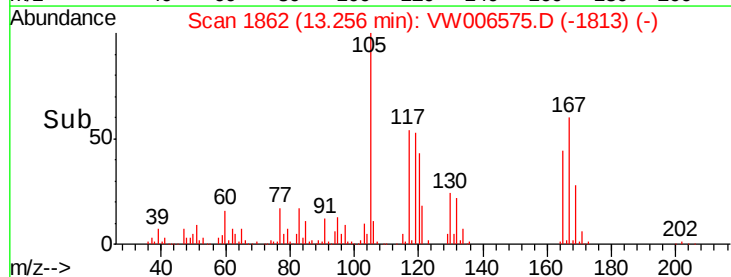
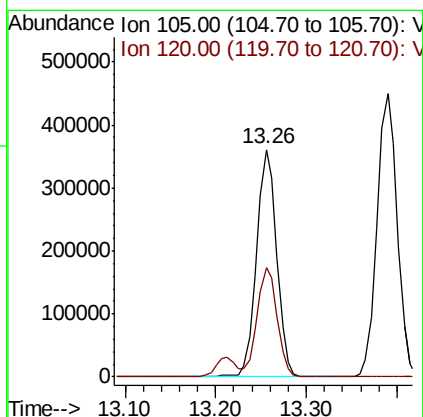
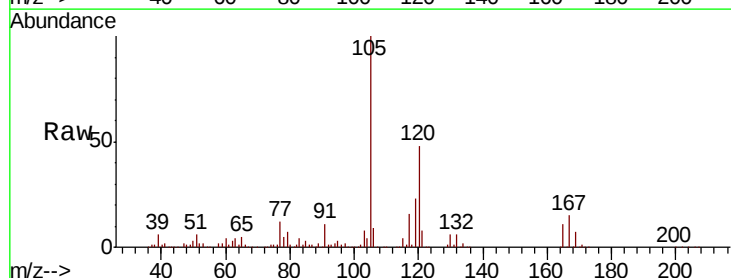
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

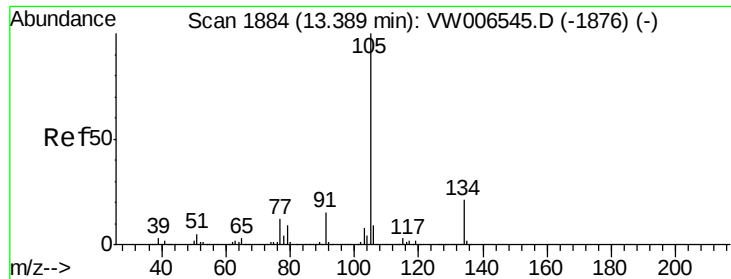
Tgt Ion:119 Resp: 497475
 Ion Ratio Lower Upper
 119 100
 91 59.9 30.4 91.3
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.297 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion:105 Resp: 555319
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.2 69.6

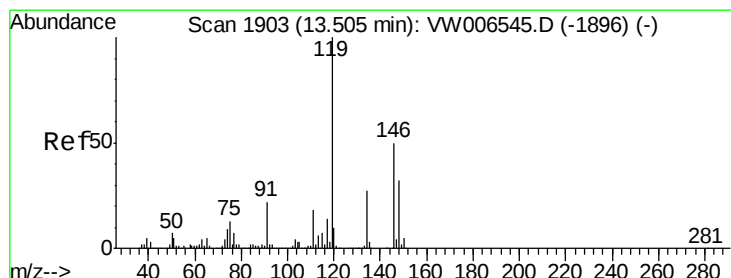
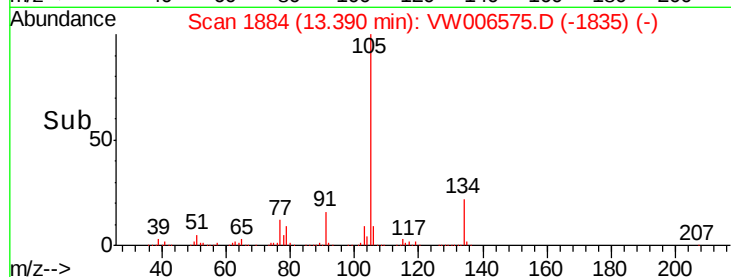
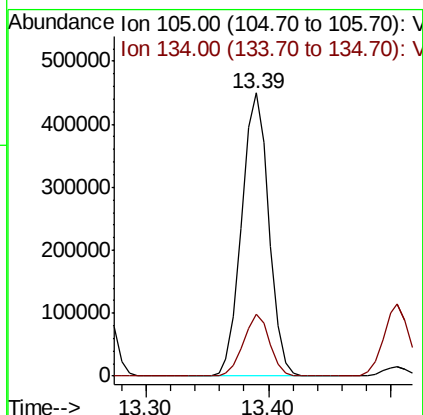
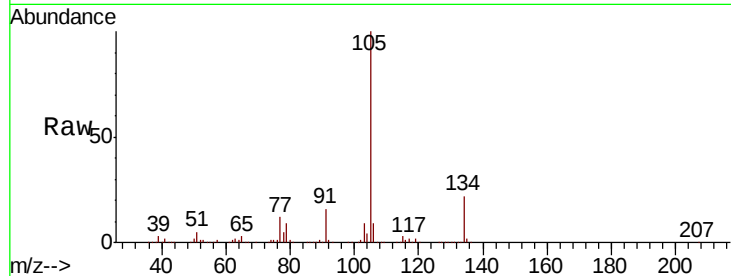




#85
 sec-Butylbenzene
 Concen: 51.479 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

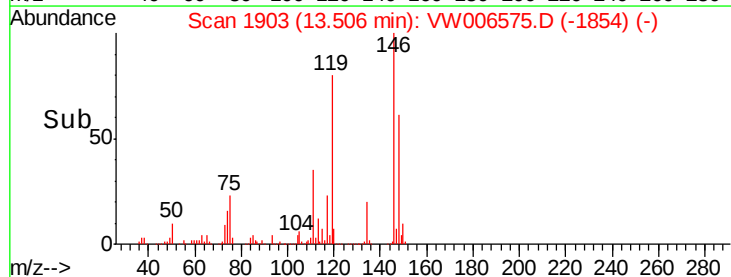
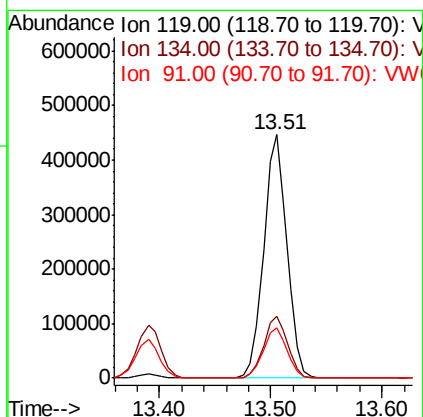
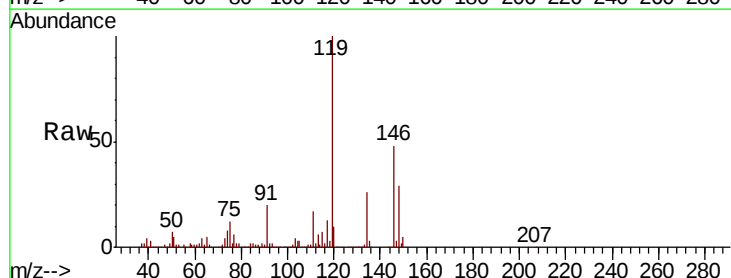
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 692093
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 52.744 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion:119 Resp: 645215
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 21.3 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 51.207 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

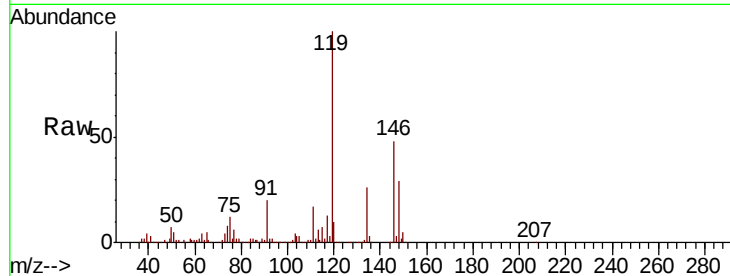
Tgt Ion:146 Resp: 334536

Ion Ratio Lower Upper

146 100

111 36.7 18.6 55.6

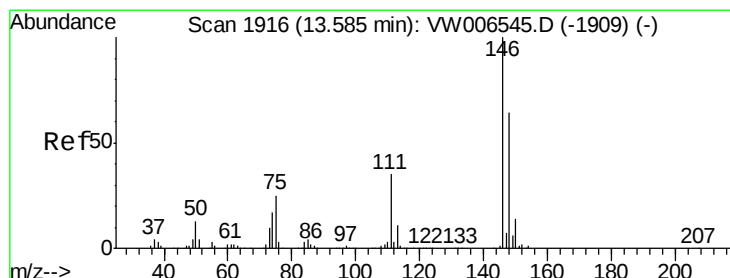
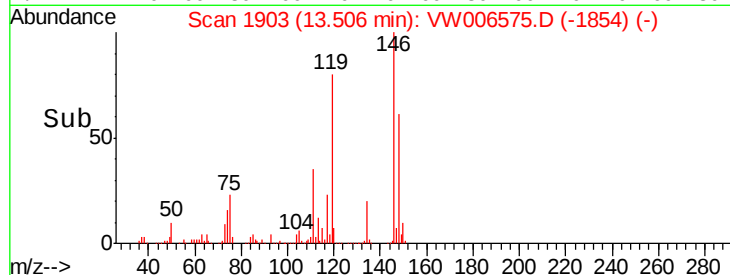
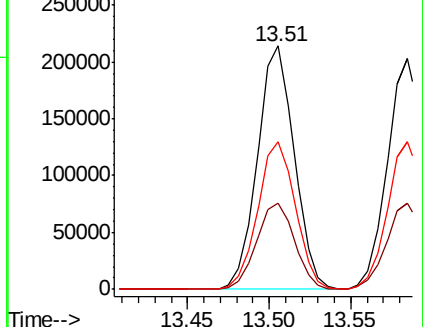
148 61.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.036 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

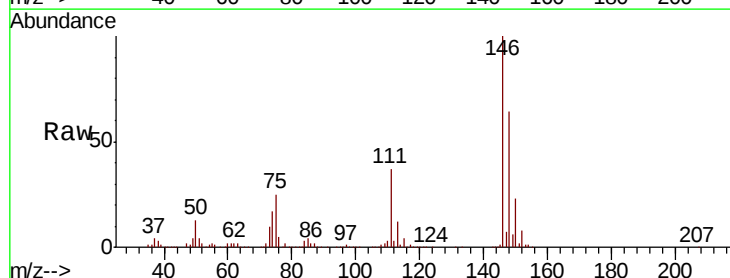
Tgt Ion:146 Resp: 324024

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.7

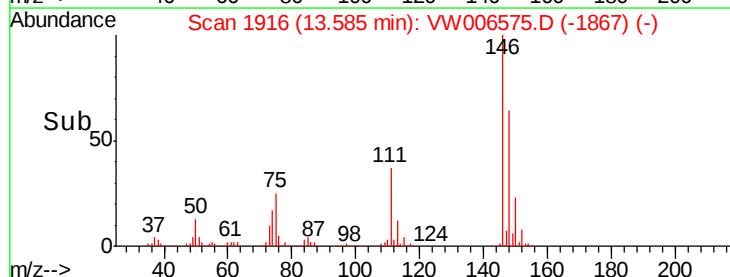
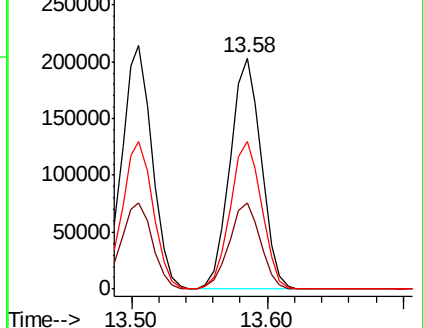
148 64.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.958 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

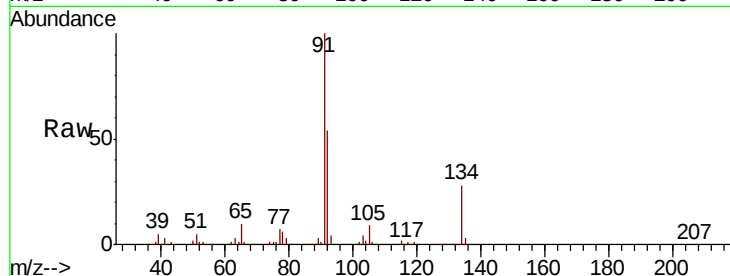
Tgt Ion: 91 Resp: 553363

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.0

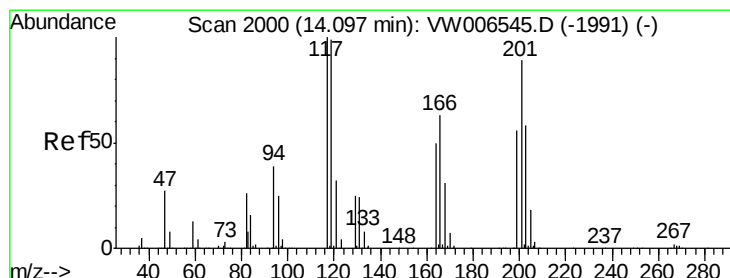
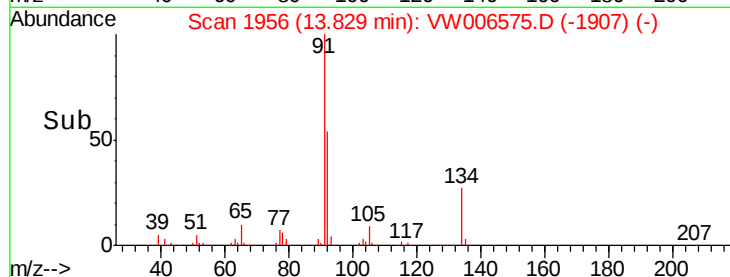
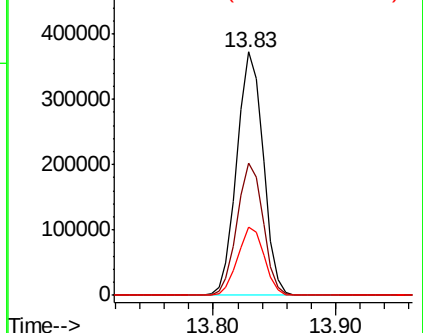
134 28.2 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.146 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006575.D

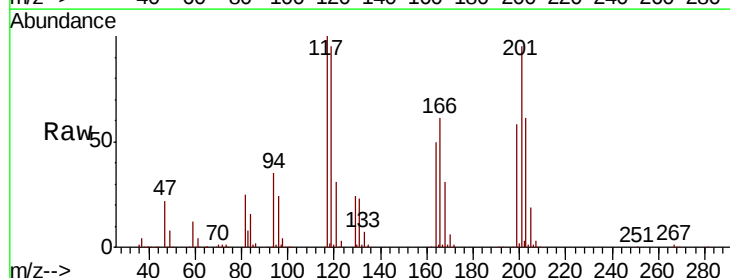
Acq: 01 Nov 2018 23:26

Tgt Ion: 117 Resp: 106852

Ion Ratio Lower Upper

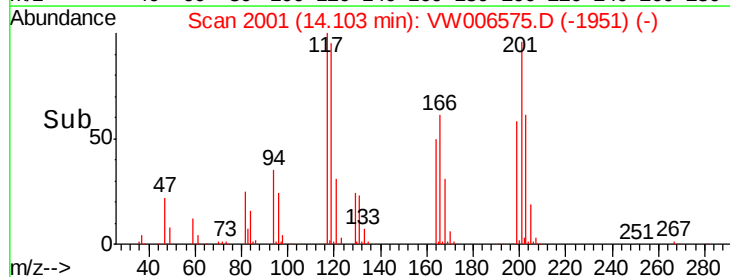
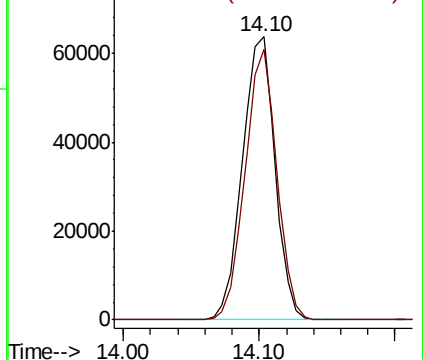
117 100

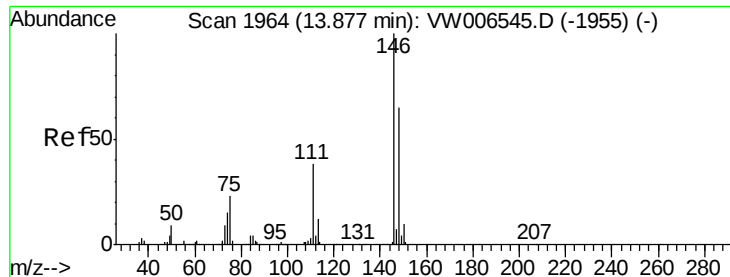
201 93.3 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.231 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

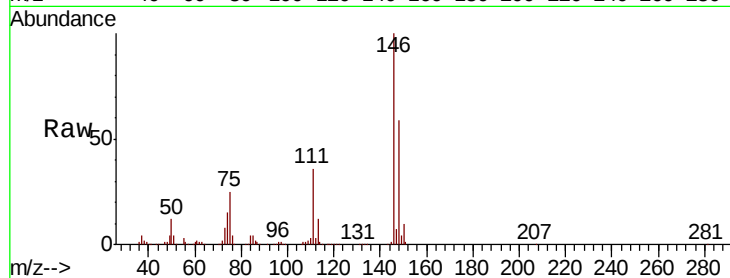
Tgt Ion:146 Resp: 301058

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.5

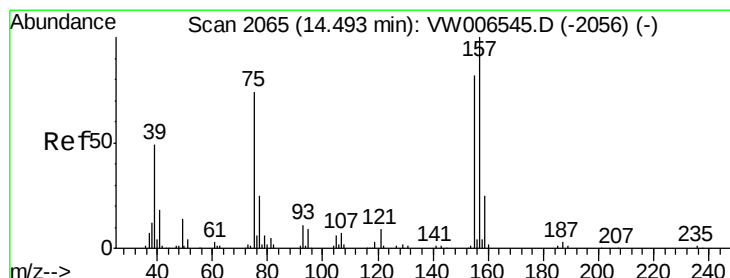
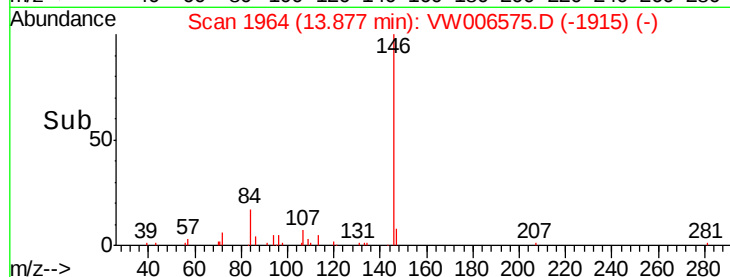
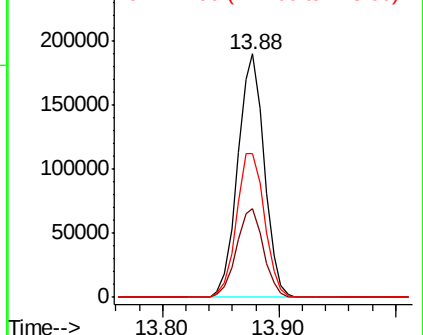
148 62.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.413 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006575.D

Acq: 01 Nov 2018 23:26

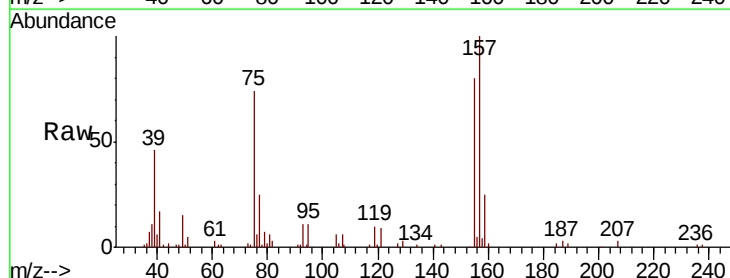
Tgt Ion: 75 Resp: 16225

Ion Ratio Lower Upper

75 100

155 104.6 50.6 151.8

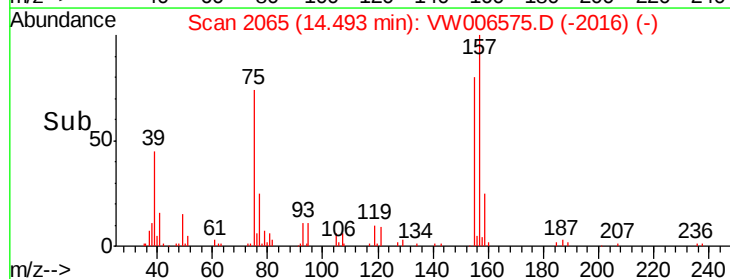
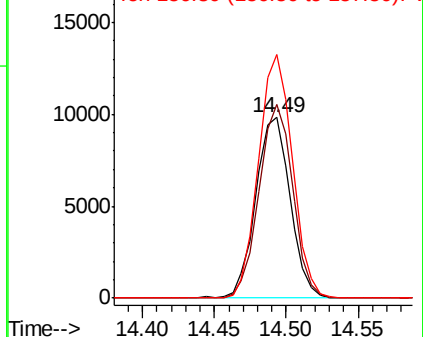
157 132.6 65.0 195.0

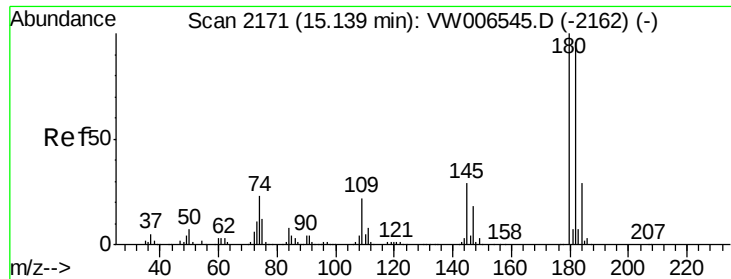


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

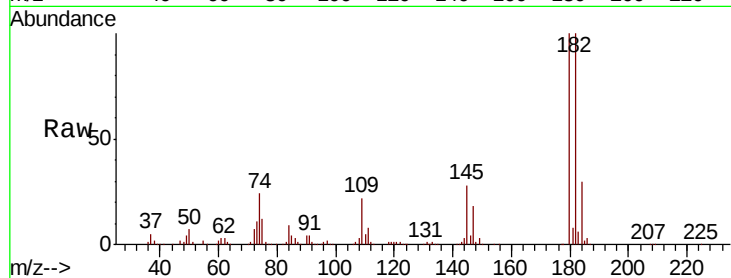




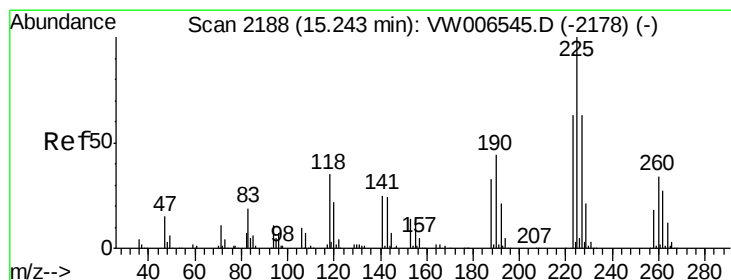
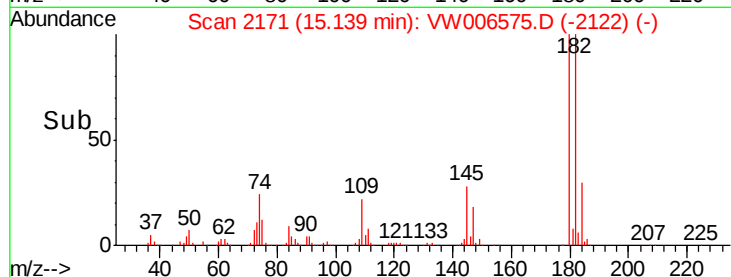
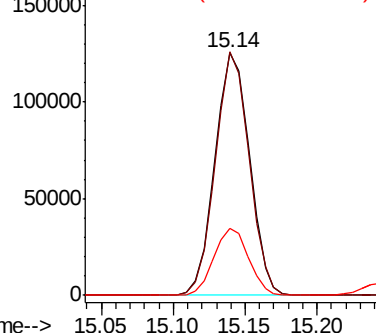
#93
 1,2,4-Trichlorobenzene
 Concen: 47.764 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 208713
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.5 142.6
 145 27.8 14.0 42.0

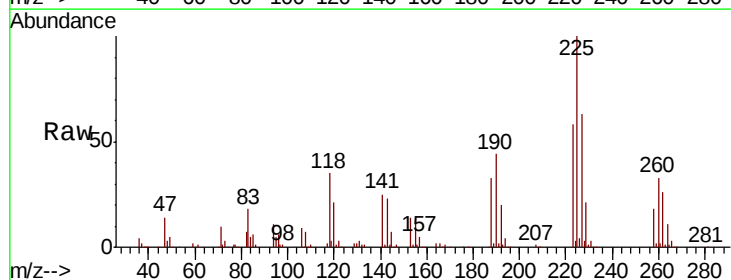


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

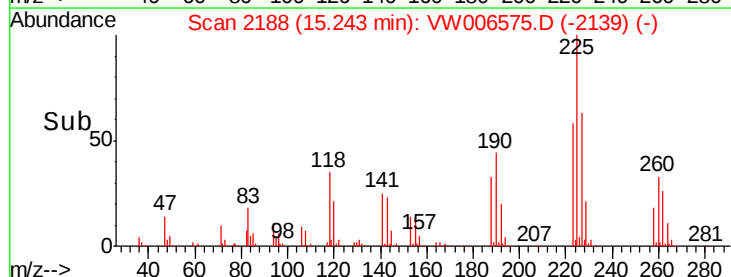
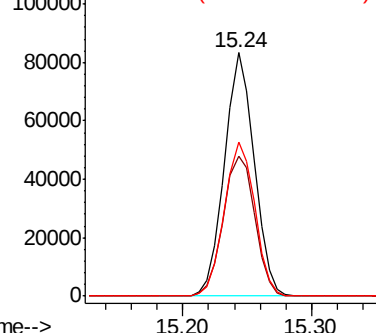


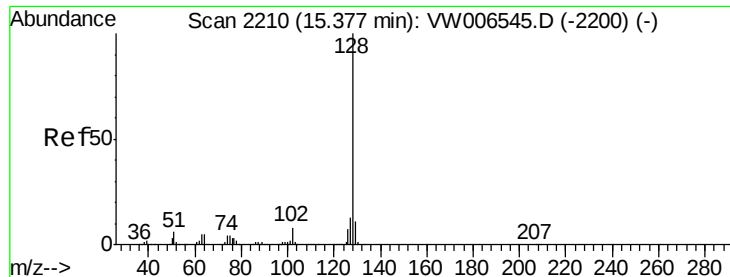
#94
 Hexachlorobutadiene
 Concen: 48.715 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006575.D
 Acq: 01 Nov 2018 23:26

Tgt Ion:225 Resp: 132669
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.4 94.2
 227 64.7 32.2 96.6



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

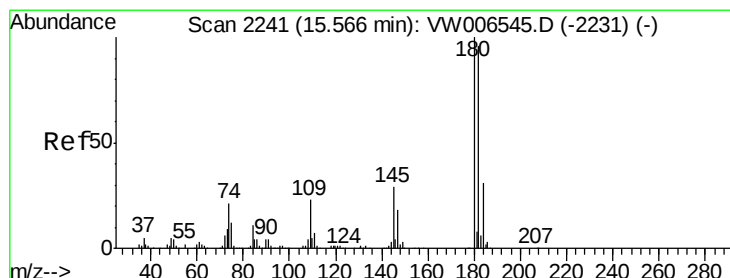
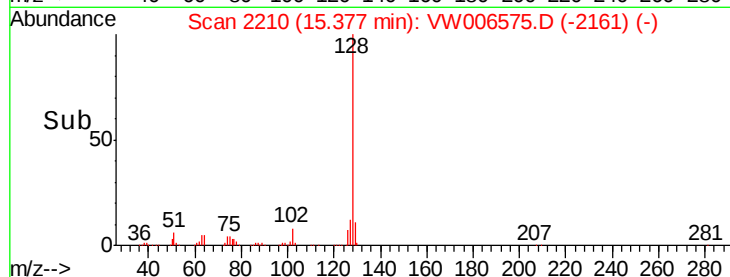
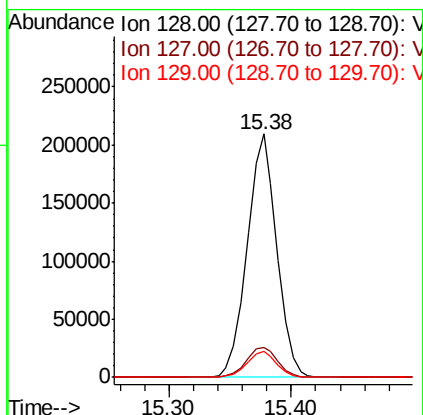
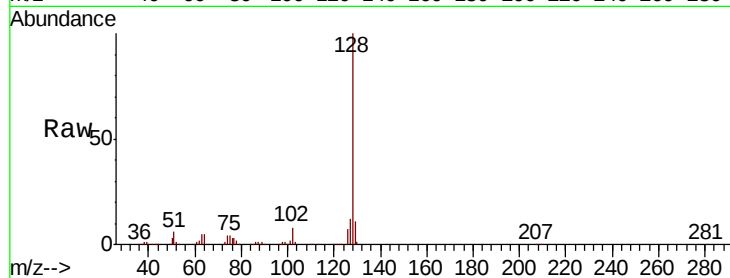




#95
Naphthalene
Concen: 49.980 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 351009
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.908 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006575.D
Acq: 01 Nov 2018 23:26

Tgt Ion:180 Resp: 183984
Ion Ratio Lower Upper
180 100
182 95.8 48.2 144.6
145 30.4 14.9 44.5

