

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007127.D
 Acq On : 28 Nov 2018 21:29
 Operator : VAY/AP
 Sample : VSTDCCC050EC
 Misc : 6.74G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 29 04:38:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	147716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52246	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	47319	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	
50) Toluene-d8	10.32	98	207680	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	84508	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44337	47.654	ug/l	100
3) Chloromethane	2.21	50	39059	50.375	ug/l	99
4) Vinyl Chloride	2.36	62	38295	50.199	ug/l	99
5) Bromomethane	2.78	94	23550	57.838	ug/l	94
6) Chloroethane	2.92	64	21116	50.213	ug/l	100
7) Trichlorofluoromethane	3.26	101	76308	50.869	ug/l	97
8) Diethyl Ether	3.69	74	25195	52.125	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47105	48.437	ug/l	100
10) Methyl Iodide	4.28	142	58924	52.930	ug/l	100
11) Tert butyl alcohol	5.23	59	18369	305.859	ug/l	99
12) 1,1-Dichloroethene	4.04	96	43350	50.825	ug/l	99
13) Acrolein	3.90	56	14428	233.931	ug/l	100
14) Allyl chloride	4.68	41	73024	51.618	ug/l	98
15) Acrylonitrile	5.38	53	53338	293.600	ug/l	100
16) Acetone	4.15	43	39018	291.301	ug/l	99
17) Carbon Disulfide	4.39	76	143701	52.112	ug/l	100
18) Methyl Acetate	4.68	43	26512	55.581	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	127976	57.463	ug/l	99
20) Methylene Chloride	4.92	84	56787	53.587	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	50042	50.365	ug/l	97
22) Diisopropyl ether	6.32	45	149340	54.236	ug/l	98
23) Vinyl Acetate	6.26	43	427039	292.045	ug/l	99
24) 1,1-Dichloroethane	6.23	63	87112	52.004	ug/l	99
25) 2-Butanone	7.18	43	65270	284.513	ug/l	99
26) 2,2-Dichloropropane	7.17	77	77005	51.120	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	57075	53.942	ug/l	97
28) Bromochloromethane	7.51	49	34241	54.692	ug/l	99
29) Tetrahydrofuran	7.54	42	42613	286.808	ug/l	99
30) Chloroform	7.68	83	92782	52.136	ug/l	97
31) Cyclohexane	7.96	56	82646	46.515	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	84580	52.766	ug/l	99
36) 1,1-Dichloropropene	8.09	75	74199	51.402	ug/l	100
37) Ethyl Acetate	7.26	43	29653	56.689	ug/l	98
38) Carbon Tetrachloride	8.07	117	73925	53.481	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92357	51.128	ug/l	98
40) Benzene	8.33	78	210016	53.899	ug/l	99
41) Methacrylonitrile	7.49	41	17354	53.422	ug/l	98
42) 1,2-Dichloroethane	8.40	62	61922	54.737	ug/l	99
43) Isopropyl Acetate	8.43	43	59985	60.176	ug/l	97
44) Trichloroethene	9.09	130	59354	54.339	ug/l	94
45) 1,2-Dichloropropane	9.37	63	52006	54.144	ug/l	98
46) Dibromomethane	9.46	93	27151	56.446	ug/l	99
47) Bromodichloromethane	9.65	83	70827	55.887	ug/l	98
48) Methyl methacrylate	9.44	41	28915	60.159	ug/l	97
49) 1,4-Dioxane	9.47	88	9084	1270.619	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	146939	291.691	ug/l	99
52) Toluene	10.39	92	149410	56.344	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	71193	57.991	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	84520	56.985	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38949	55.037	ug/l	97
56) Ethyl methacrylate	10.65	69	51361	62.523	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67449	56.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112934	263.089	ug/l	100
59) 2-Hexanone	10.97	43	105680	306.352	ug/l	99
60) Dibromochloromethane	11.13	129	48646	60.326	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38285	59.138	ug/l	99
64) Tetrachloroethene	10.87	164	51385	55.891	ug/l	97
65) Chlorobenzene	11.66	112	166812	55.925	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	50453	55.915	ug/l	97
67) Ethyl Benzene	11.73	91	297973	54.379	ug/l	99
68) m/p-Xylenes	11.84	106	236096	109.822	ug/l	100
69) o-Xylene	12.17	106	111472	54.991	ug/l	98
70) Styrene	12.18	104	183064	56.742	ug/l	100
71) Bromoform	12.35	173	24882	58.537	ug/l #	97
73) Isopropylbenzene	12.47	105	306223	52.405	ug/l	100
74) N-amyl acetate	12.27	43	58424	59.656	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42363	54.475	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	58862	99.630	ug/l #	100
77) Bromobenzene	12.75	156	66761	53.194	ug/l	99
78) n-propylbenzene	12.81	91	361659	51.096	ug/l	100
79) 2-Chlorotoluene	12.90	91	212418	52.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	266245	52.690	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13279	56.428	ug/l	99
82) 4-Chlorotoluene	12.99	91	225087	52.556	ug/l	100
83) tert-Butylbenzene	13.21	119	229217	52.395	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	267551	53.145	ug/l	99
85) sec-Butylbenzene	13.39	105	317667	51.399	ug/l	99
86) p-Isopropyltoluene	13.50	119	285009	52.272	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	138175	53.928	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138072	54.048	ug/l	99
89) n-Butylbenzene	13.83	91	268831	52.392	ug/l	99
90) Hexachloroethane	14.10	117	42769	53.727	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	122811	54.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7804	59.419	ug/l	96

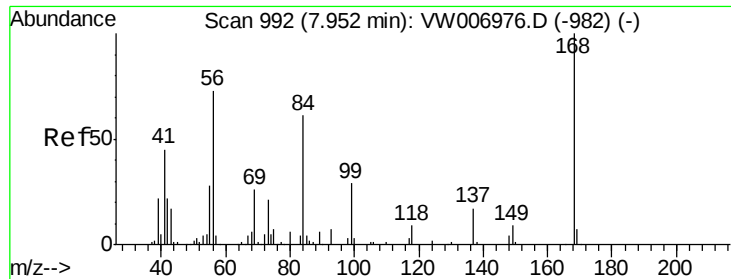
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77895	52.616	ug/l	98
94) Hexachlorobutadiene	15.24	225	42395	52.677	ug/l	99
95) Naphthalene	15.37	128	148986	55.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	66846	54.425	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: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

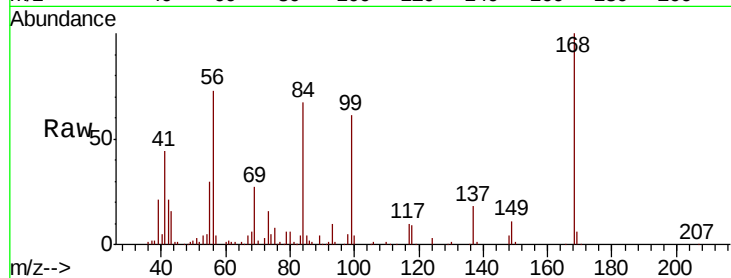
VSTDCCC050EC

Tot Ion:168 Resp: 94232

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

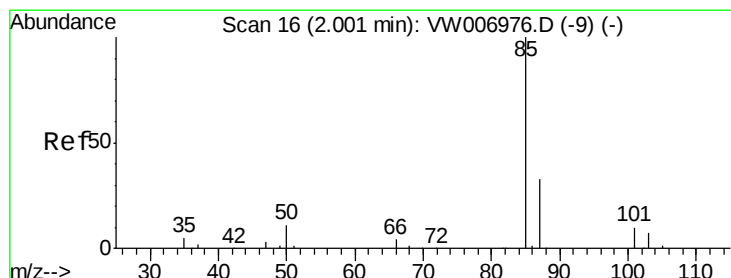
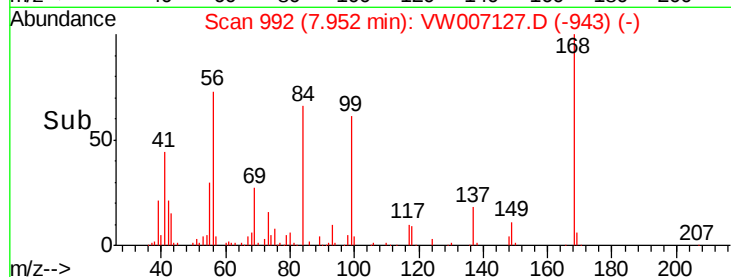
10000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 47.654 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007127.D

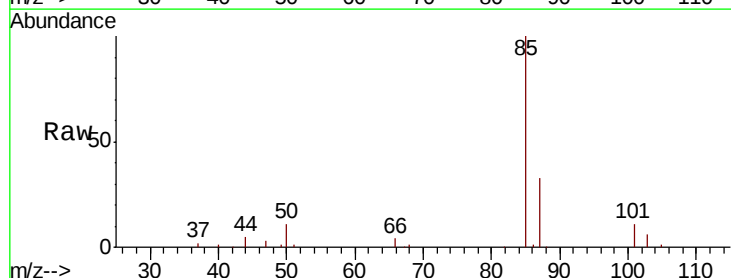
Acq: 28 Nov 2018 21:29

Tgt Ion: 85 Resp: 44337

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

20000

10000

0

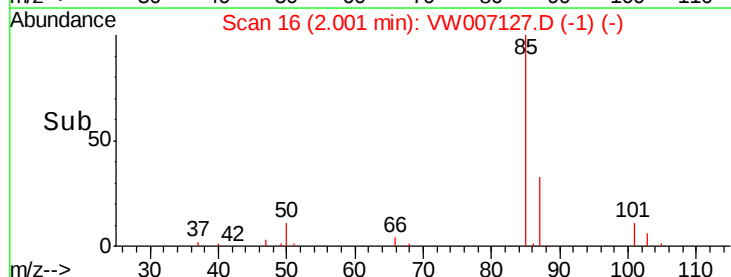
Time-->

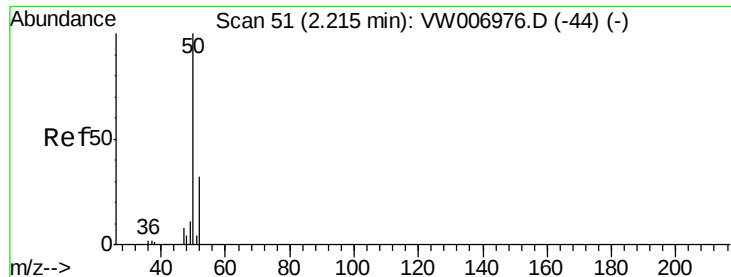
1.95

2.00

2.05

2.10

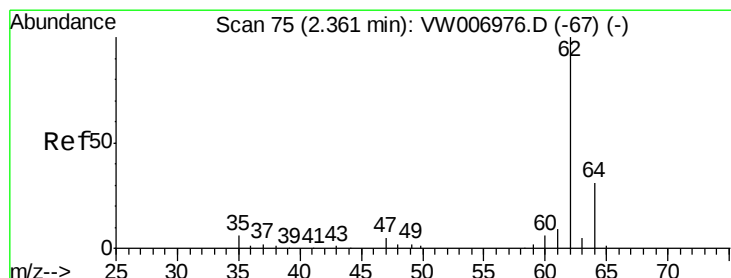
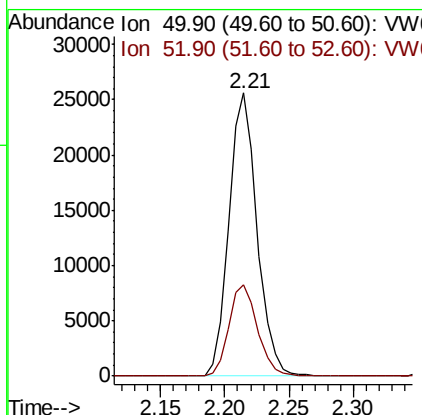
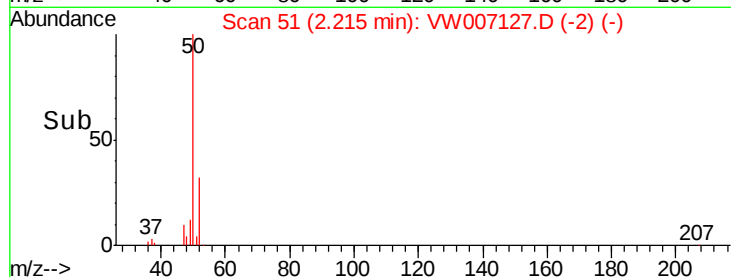
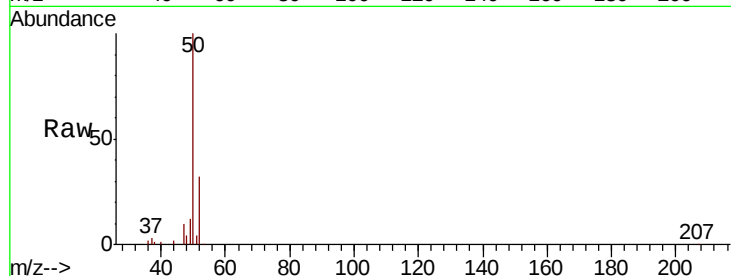




#3
Chloromethane
Concen: 50.375 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

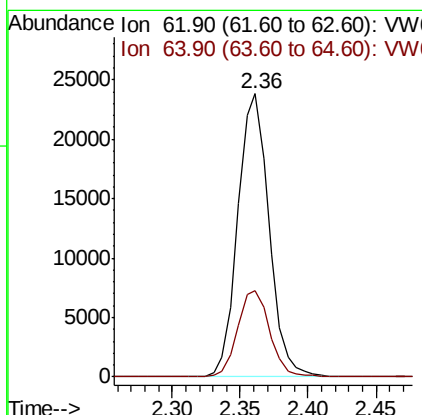
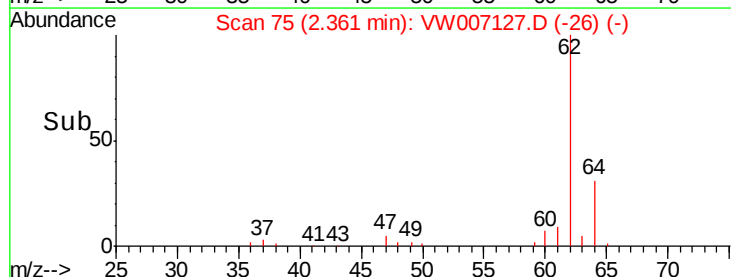
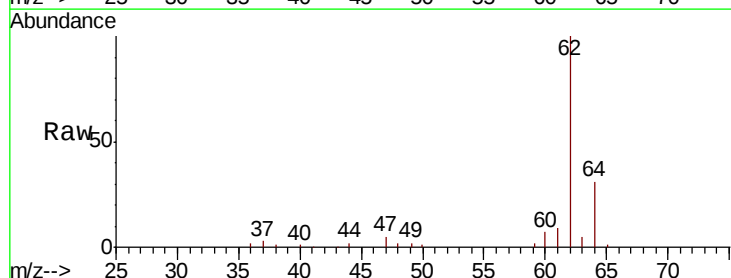
Instrument :
MSVOA_W
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VSTDCCC050EC

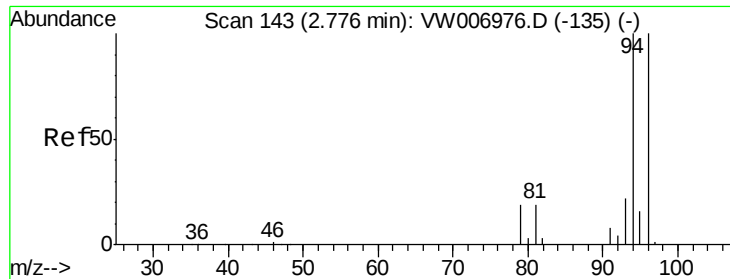
Tot Ion: 50 Resp: 39059
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 50.199 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 62 Resp: 38295
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8





#5

Bromomethane

Concen: 57.838 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

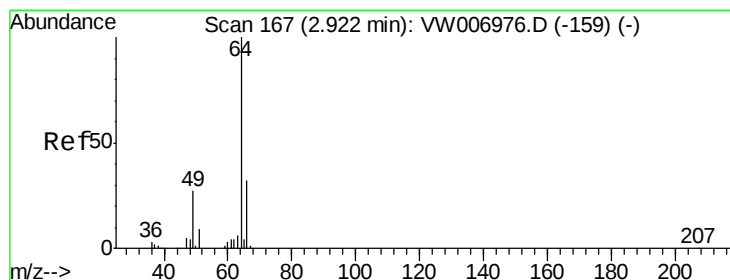
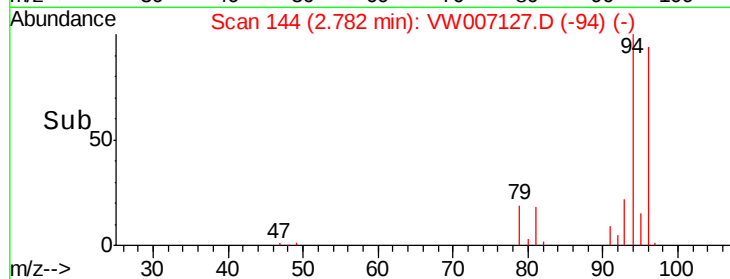
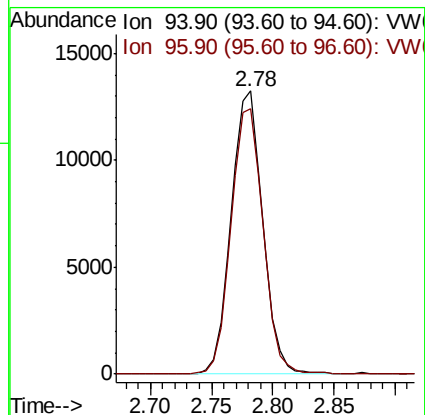
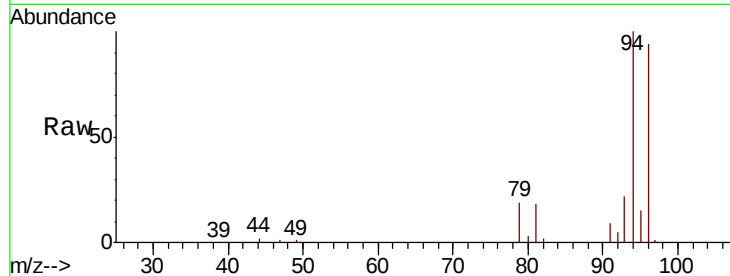
VSTDCCC050EC

Tot Ion: 94 Resp: 23550

Ion Ratio Lower Upper

94 100

96 93.7 80.2 120.2



#6

Chloroethane

Concen: 50.213 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007127.D

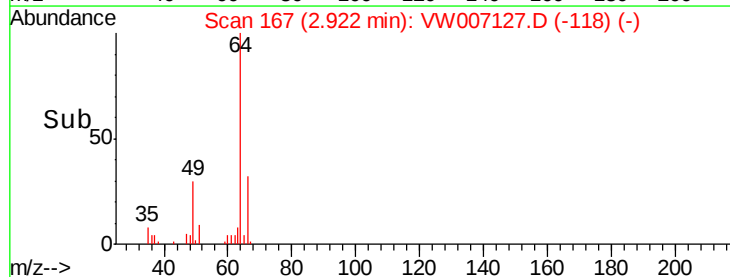
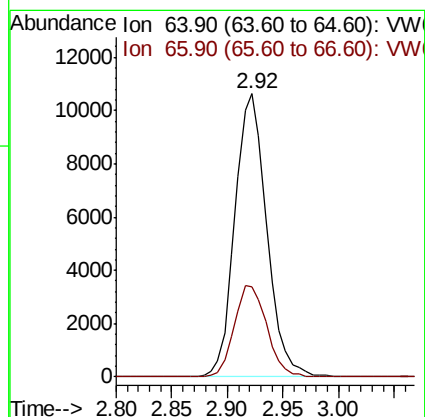
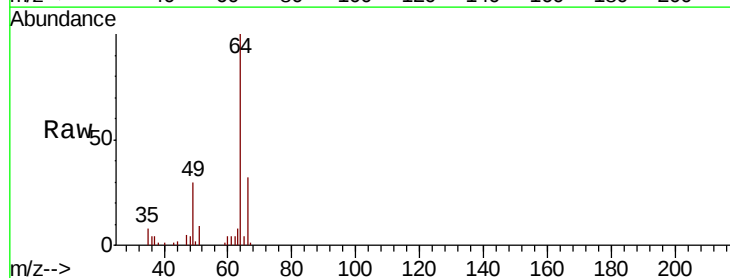
Acq: 28 Nov 2018 21:29

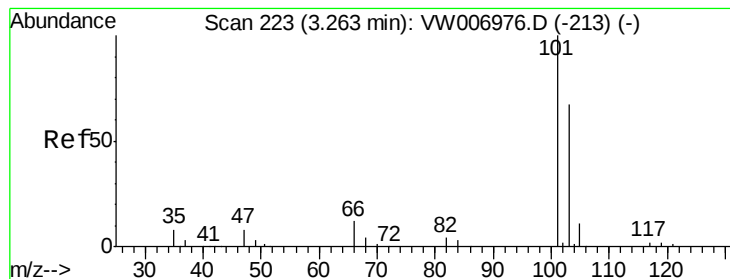
Tgt Ion: 64 Resp: 21116

Ion Ratio Lower Upper

64 100

66 31.7 25.3 37.9



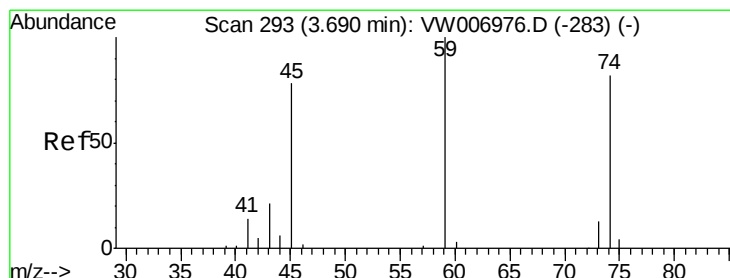
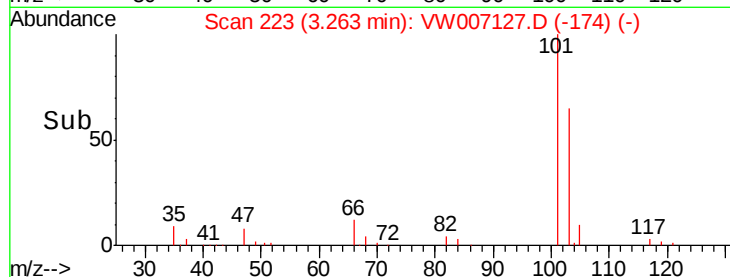
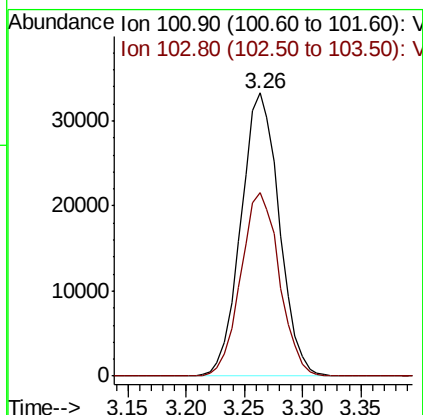
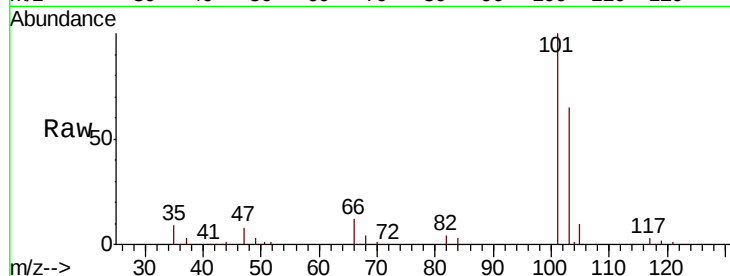


#7

Trichlorofluoromethane
Concen: 50.869 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW007127.D
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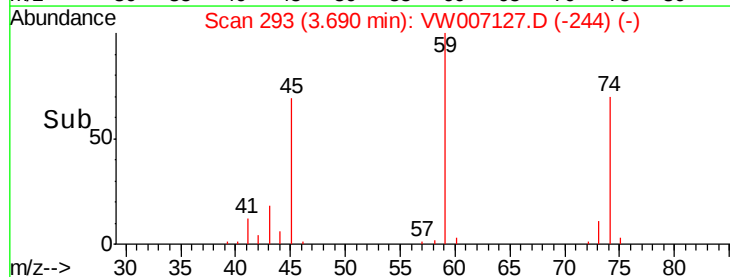
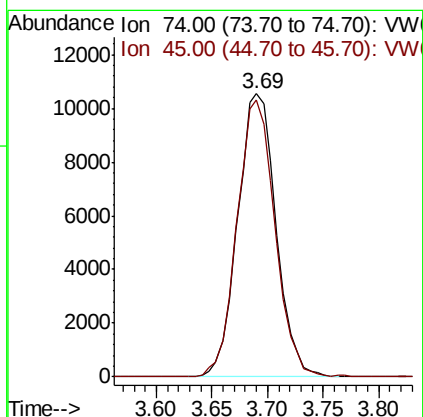
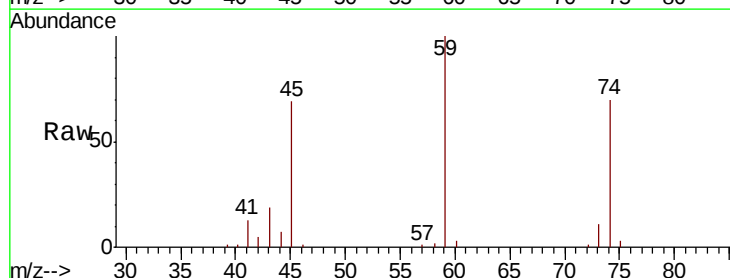
Tot Ion:101 Resp: 76308
Ion Ratio Lower Upper
101 100
103 64.7 53.4 80.2

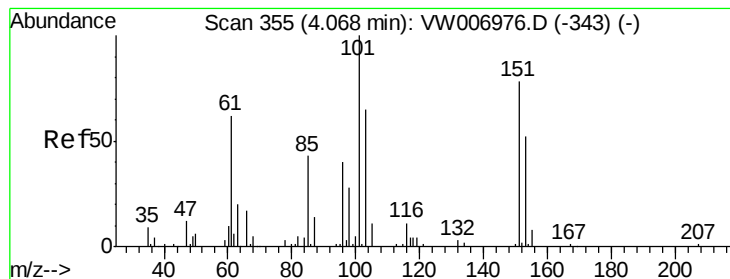


#8

Diethyl Ether
Concen: 52.125 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 74 Resp: 25195
Ion Ratio Lower Upper
74 100
45 96.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.437 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

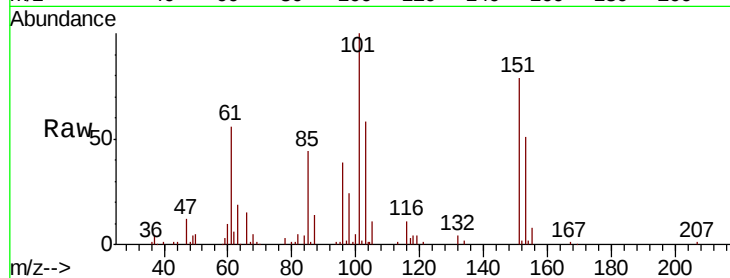
Tot Ion:101 Resp: 47105

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

151 80.0 63.4 95.2

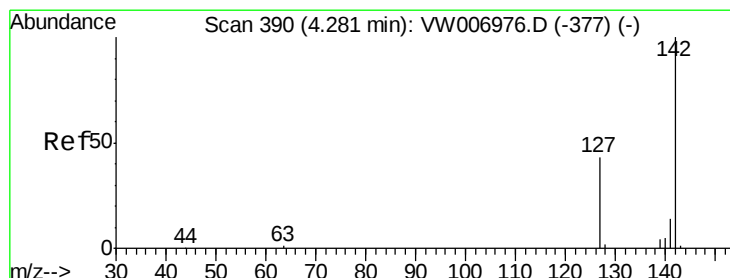
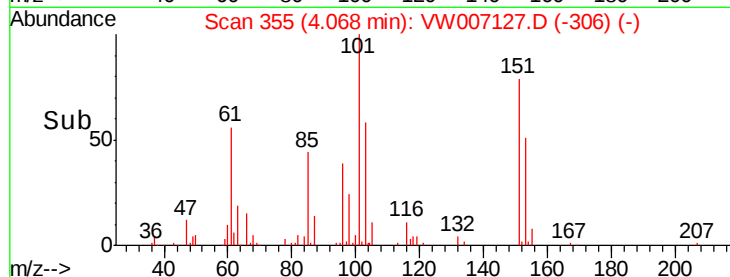
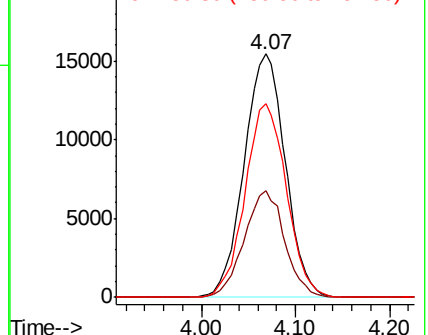


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.930 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

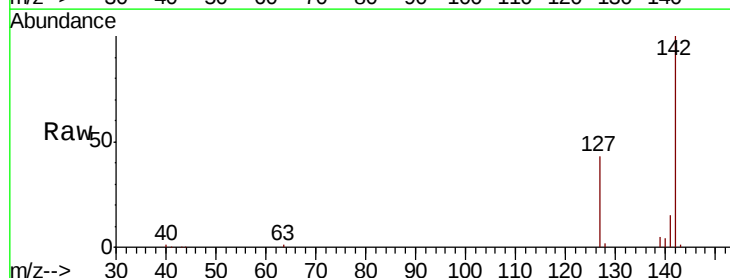
Tgt Ion:142 Resp: 58924

Ion Ratio Lower Upper

142 100

127 43.9 35.3 52.9

141 14.9 11.7 17.5

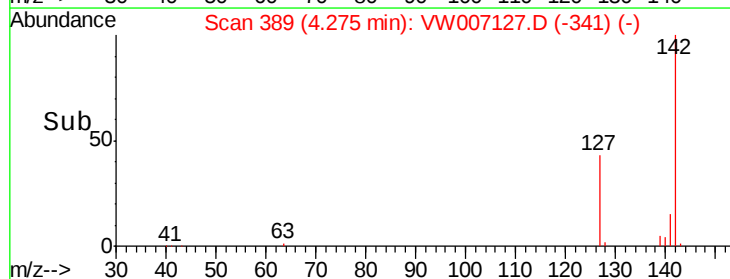
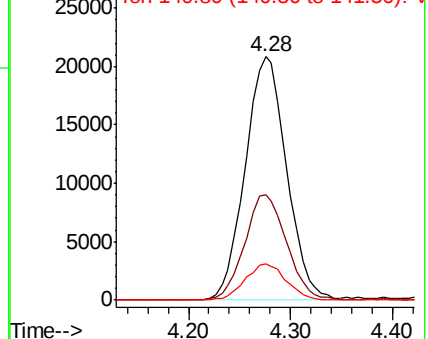


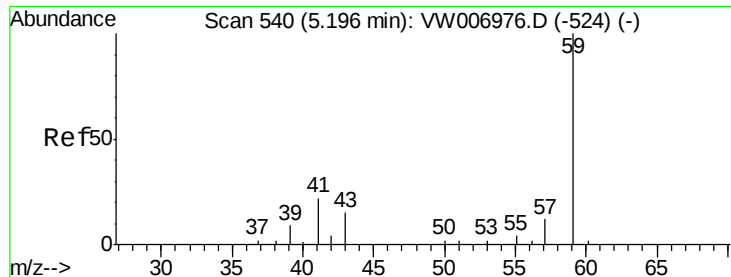
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



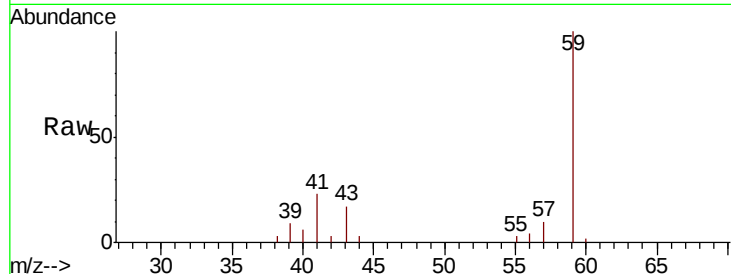


#11

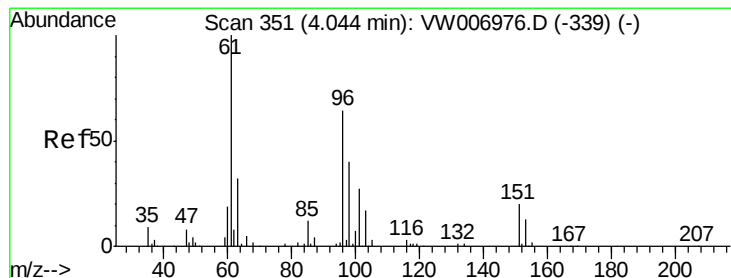
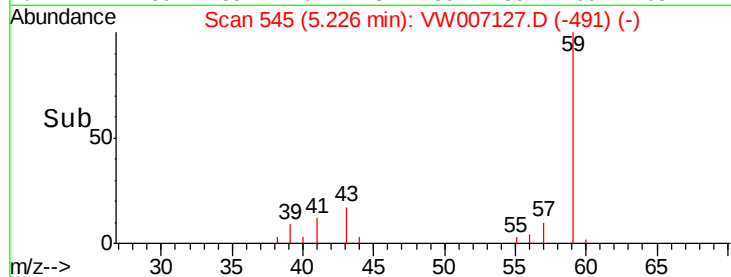
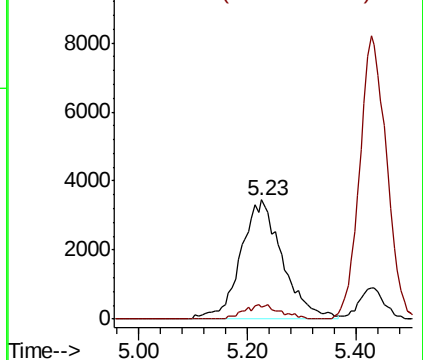
Tert butyl alcohol
 Concen: 305.859 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.03 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 18369
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 13.0



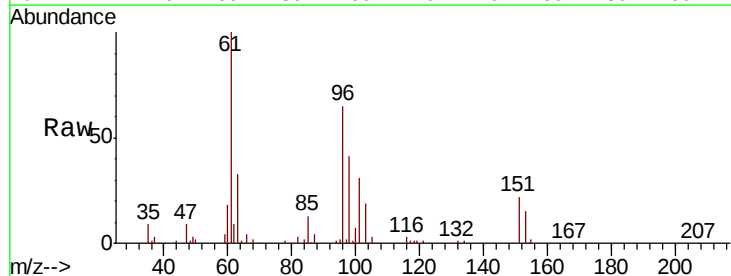
Abundance Ion 59.00 (58.70 to 59.70): VW
 Ion 57.00 (56.70 to 57.70): VW



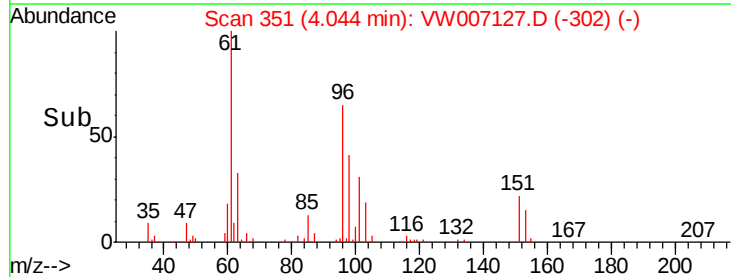
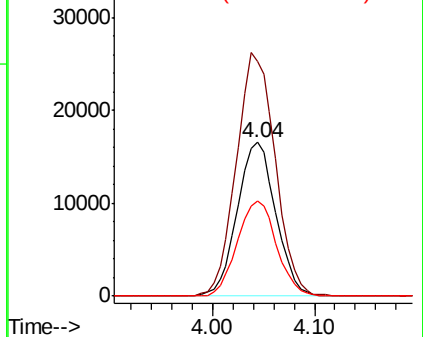
#12

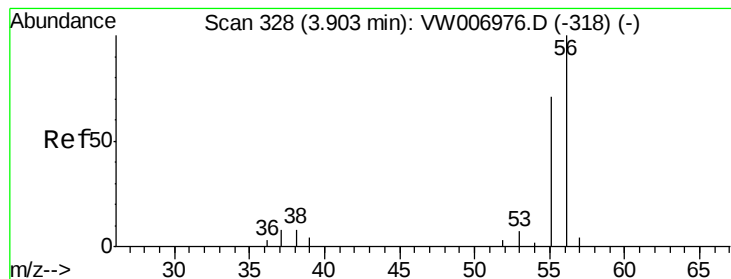
1,1-Dichloroethene
 Concen: 50.825 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion: 96 Resp: 43350
 Ion Ratio Lower Upper
 96 100
 61 153.0 124.3 186.5
 98 62.2 49.4 74.2



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





#13

Acrolein

Concen: 233.931 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

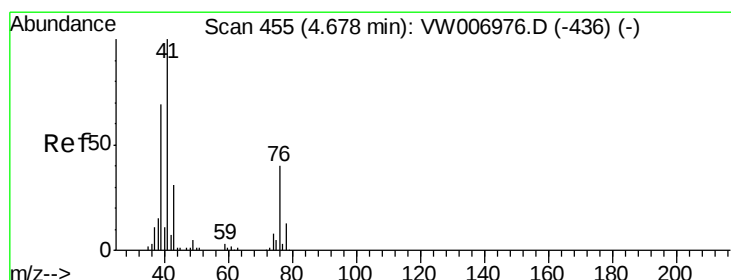
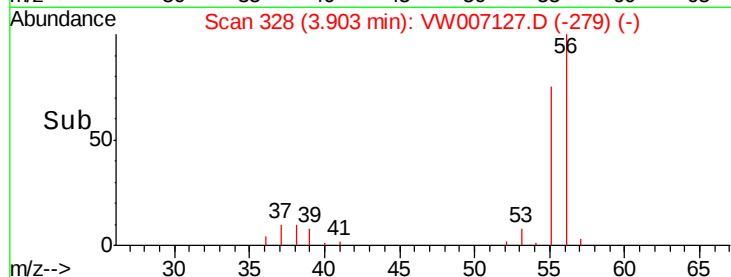
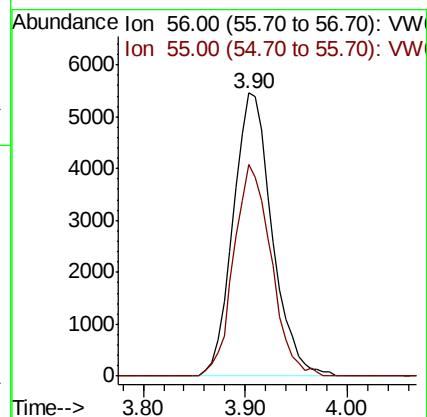
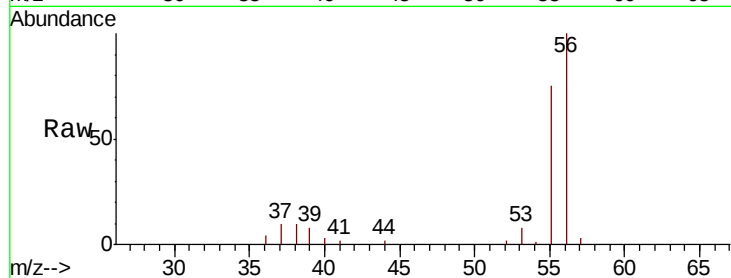
VSTDCCC050EC

Tot Ion: 56 Resp: 14428

Ion Ratio Lower Upper

56 100

55 71.9 57.5 86.3



#14

Allyl chloride

Concen: 51.618 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

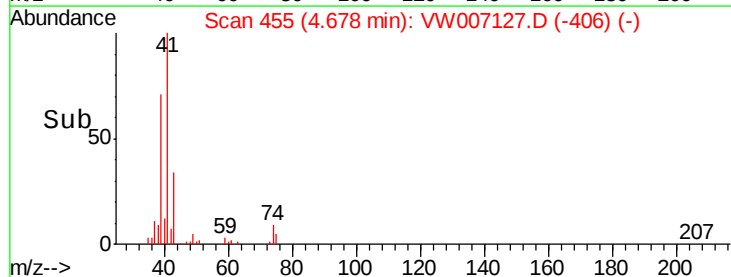
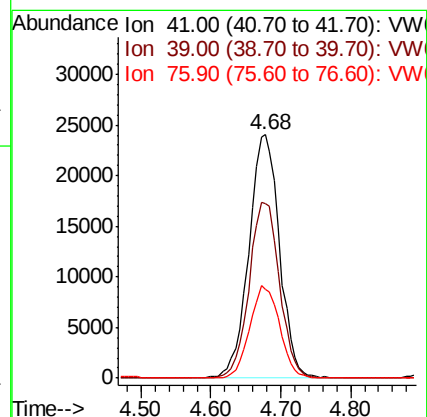
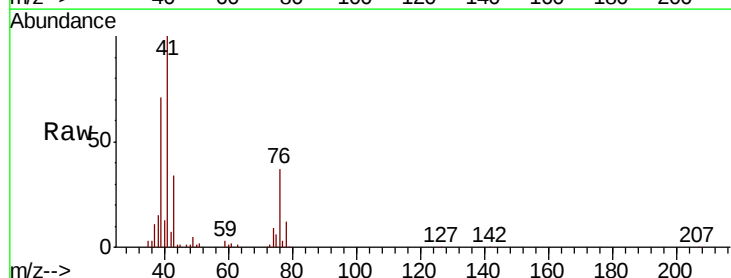
Tgt Ion: 41 Resp: 73024

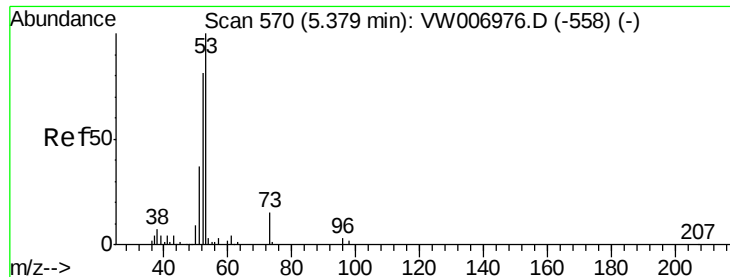
Ion Ratio Lower Upper

41 100

39 71.7 55.4 83.2

76 36.9 29.6 44.4





#15

Acrylonitrile

Concen: 293.600 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

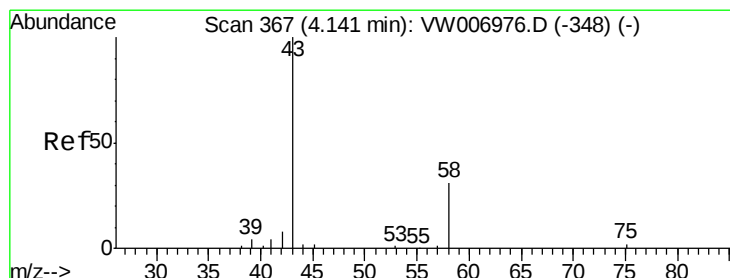
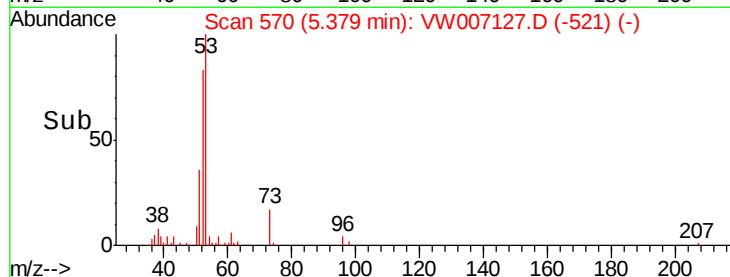
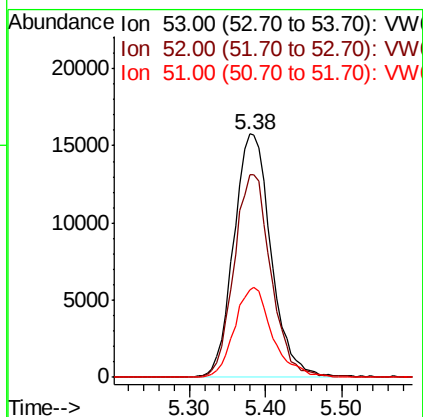
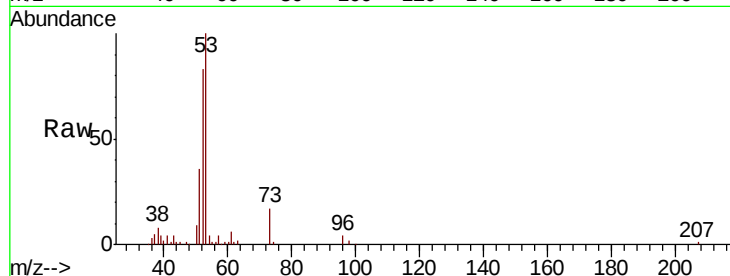
Tot Ion: 53 Resp: 53338

Ion Ratio Lower Upper

53 100

52 82.4 65.7 98.5

51 37.3 29.9 44.9



#16

Acetone

Concen: 291.301 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007127.D

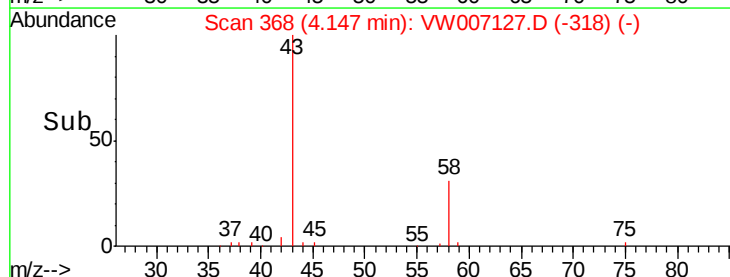
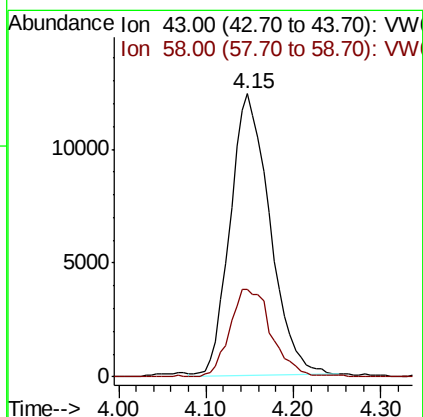
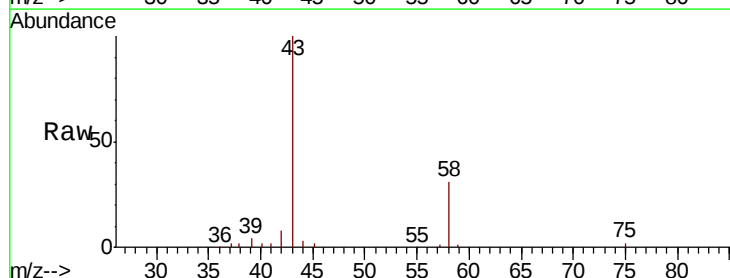
Acq: 28 Nov 2018 21:29

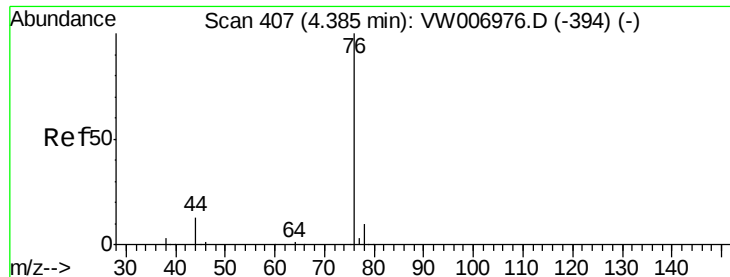
Tgt Ion: 43 Resp: 39018

Ion Ratio Lower Upper

43 100

58 31.4 24.8 37.2

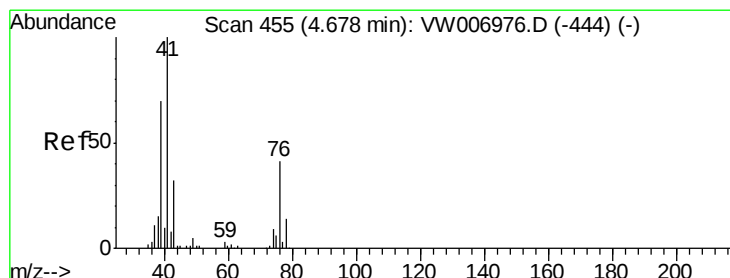
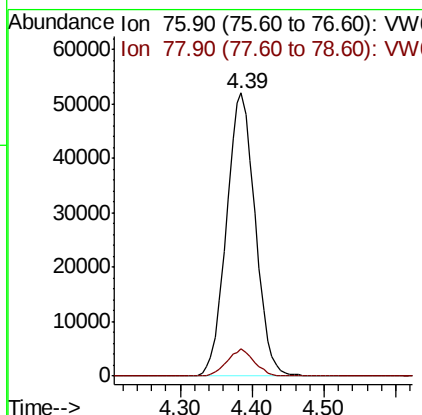
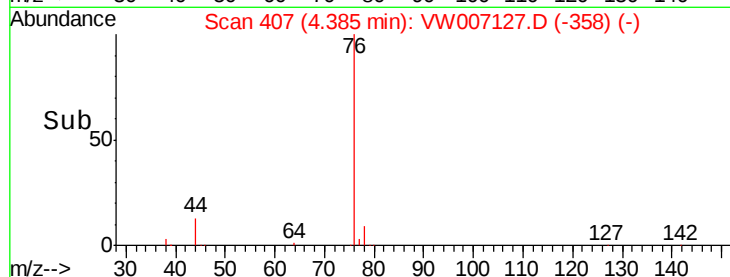
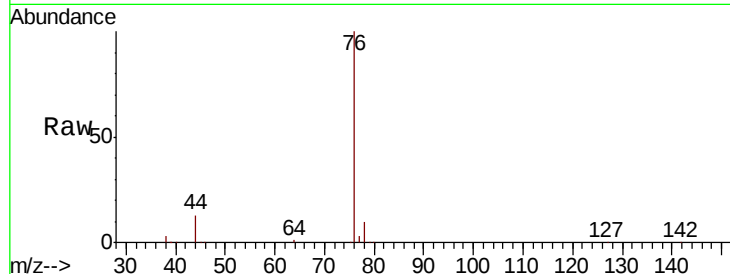




#17
Carbon Disulfide
Concen: 52.112 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

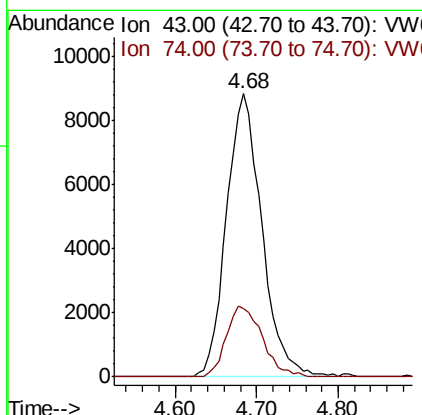
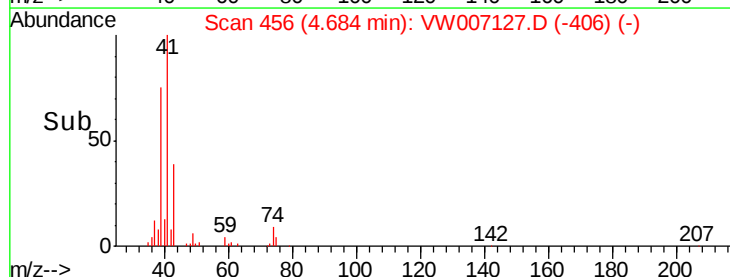
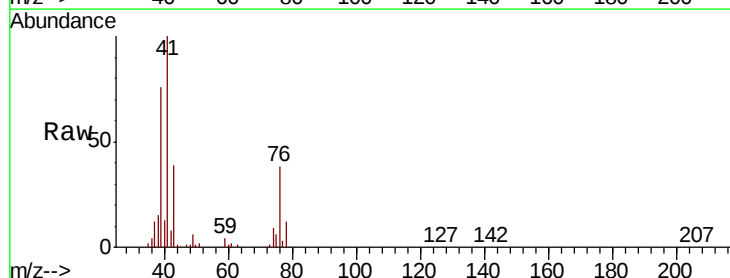
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

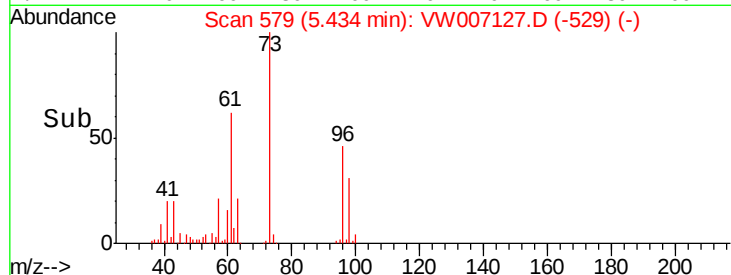
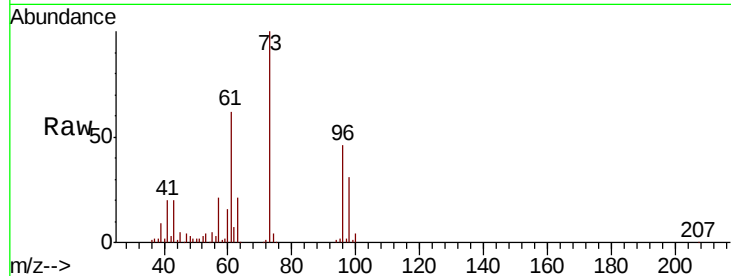
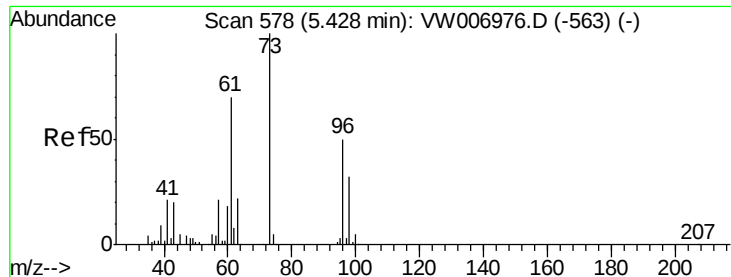
Tot Ion: 76 Resp: 143701
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.6



#18
Methyl Acetate
Concen: 55.581 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 43 Resp: 26512
Ion Ratio Lower Upper
43 100
74 25.3 20.1 30.1

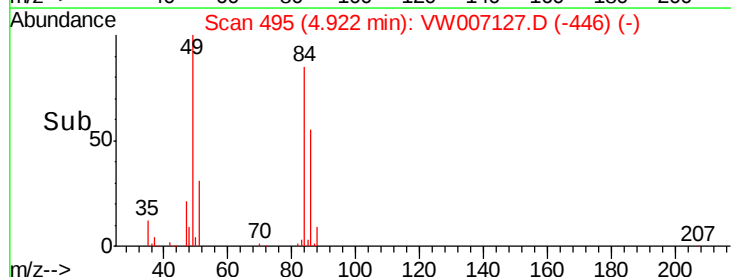
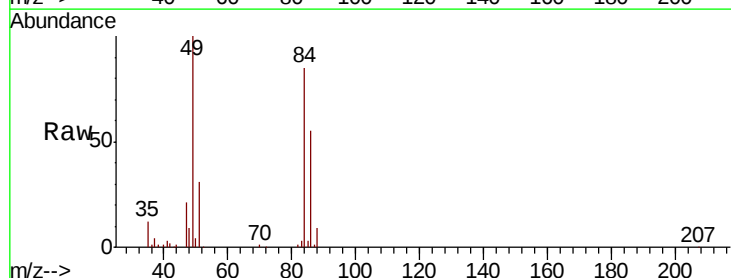
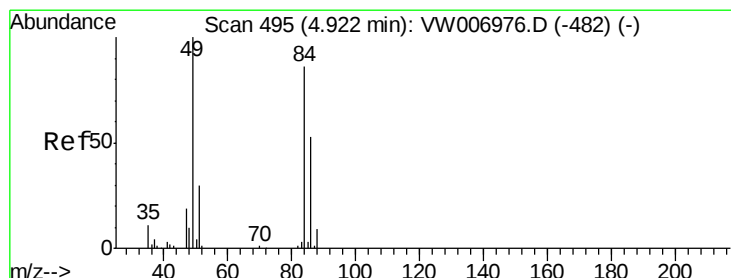
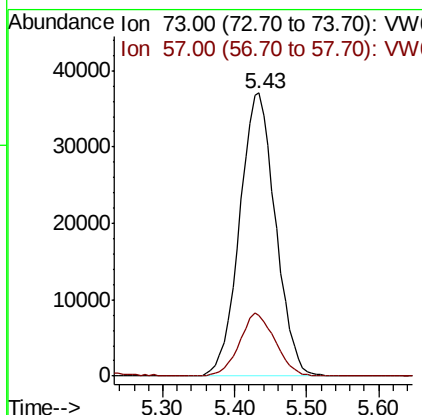




#19
Methyl tert-butyl Ether
Concen: 57.463 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

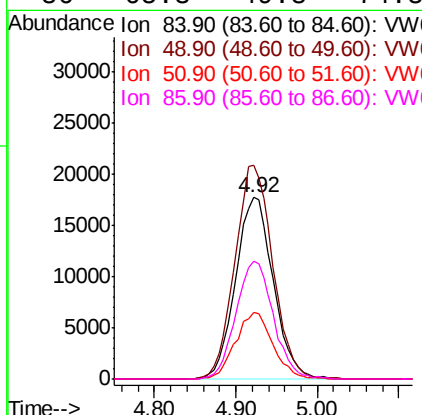
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

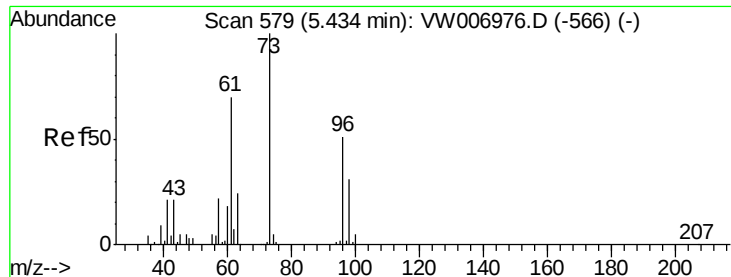
Tot Ion: 73 Resp: 127976
Ion Ratio Lower Upper
73 100
57 21.4 16.7 25.1



#20
Methylene Chloride
Concen: 53.587 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 84 Resp: 56787
Ion Ratio Lower Upper
84 100
49 117.9 93.4 140.0
51 36.4 28.4 42.6
86 65.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 50.365 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

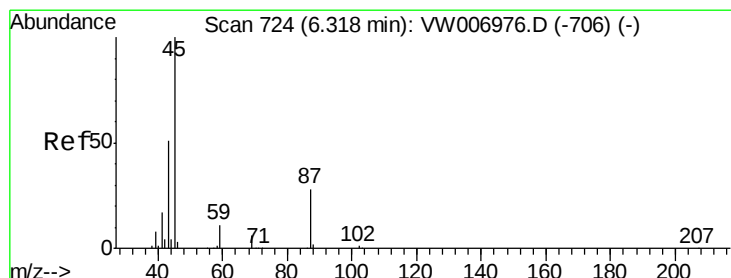
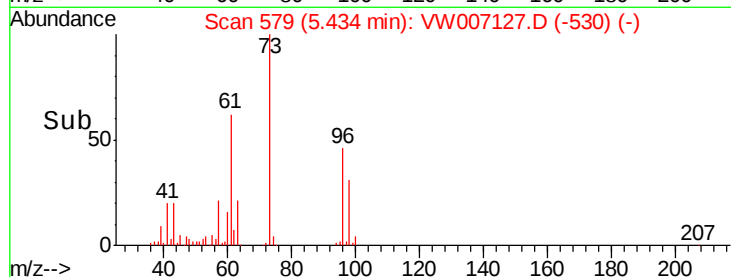
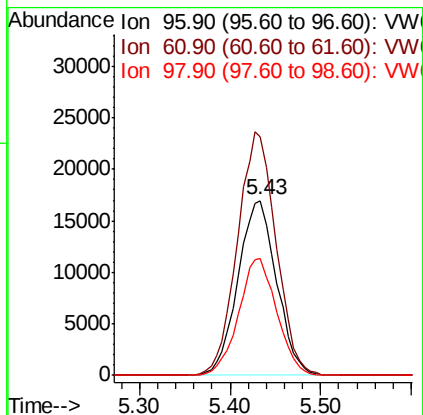
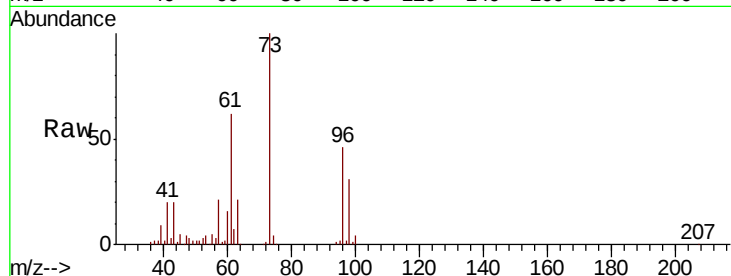
Tot Ion: 96 Resp: 50042

Ion Ratio Lower Upper

96 100

61 136.3 109.4 164.0

98 66.9 48.3 72.5



#22

Diisopropyl ether

Concen: 54.236 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Tgt Ion: 45 Resp: 149340

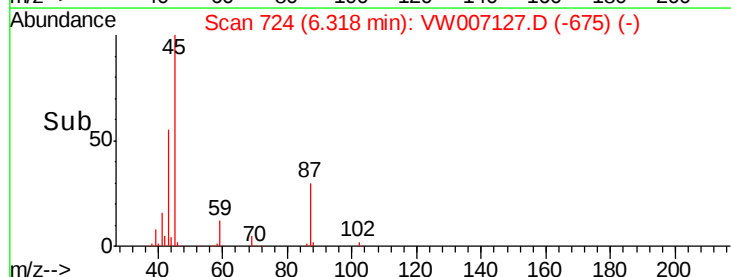
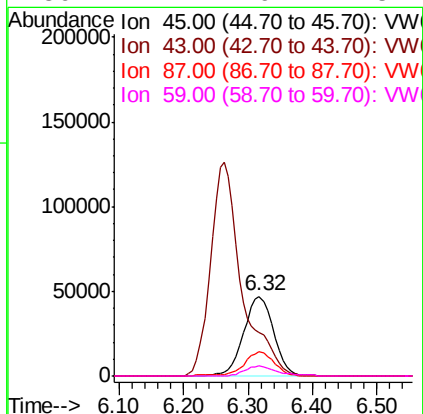
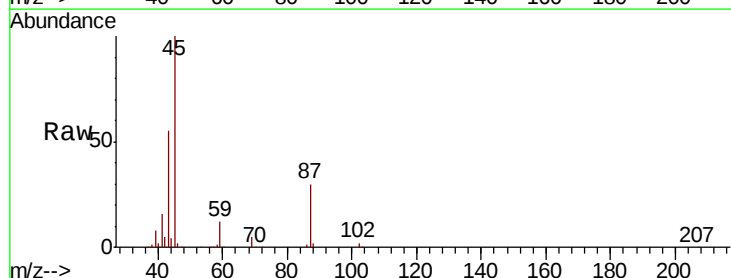
Ion Ratio Lower Upper

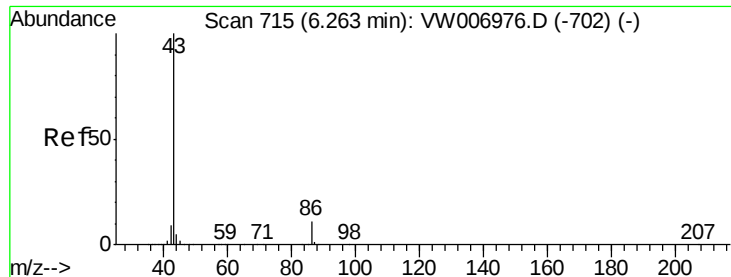
45 100

43 54.0 42.5 63.7

87 30.1 22.8 34.2

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 292.045 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

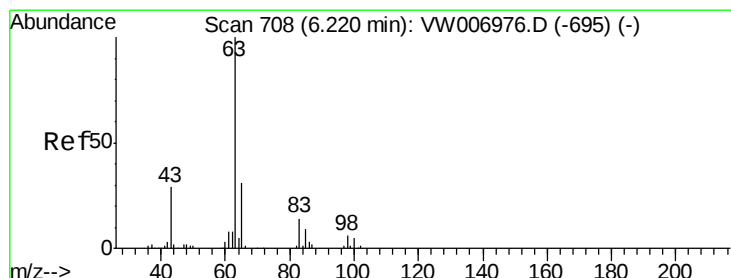
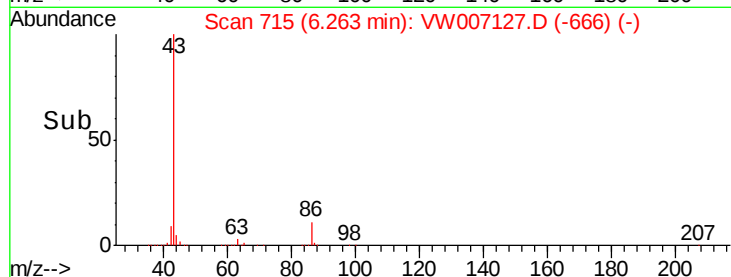
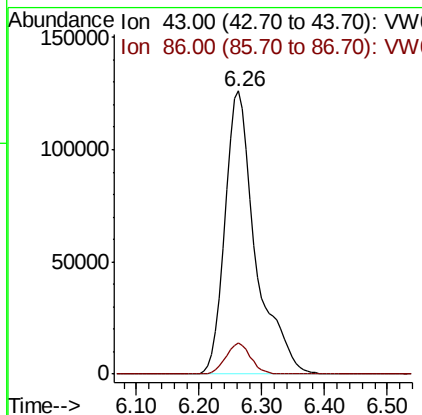
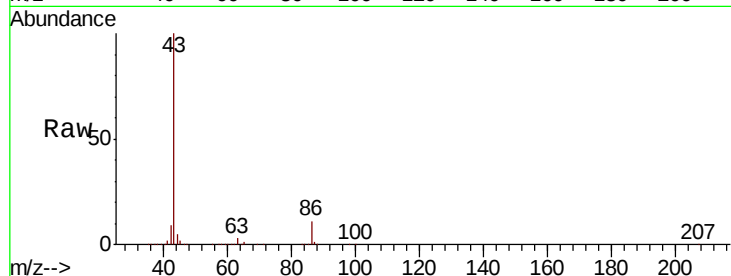
VSTDCCC050EC

Tot Ion: 43 Resp: 427039

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



#24

1,1-Dichloroethane

Concen: 52.004 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

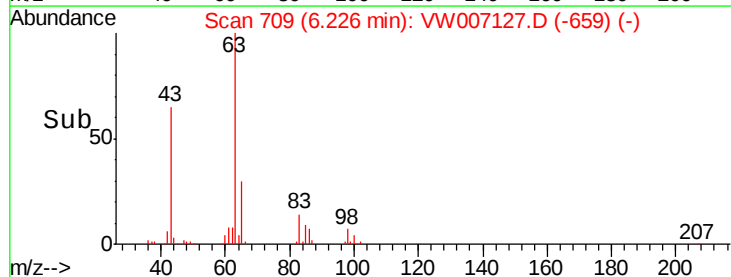
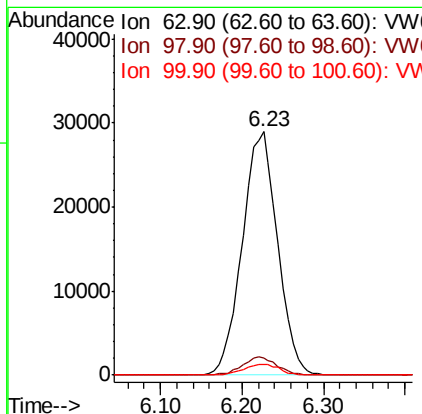
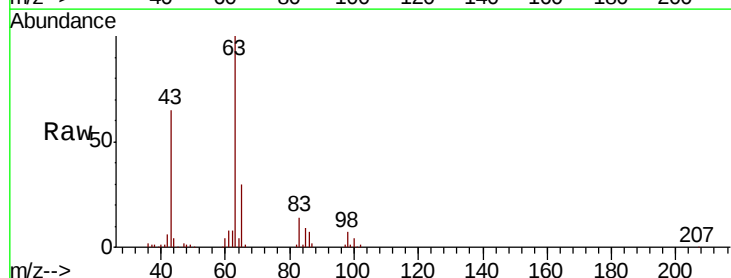
Tgt Ion: 63 Resp: 87112

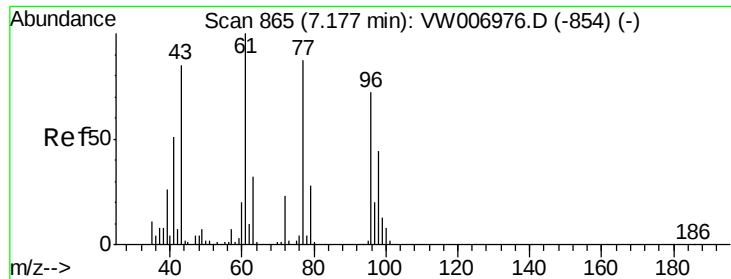
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 284.513 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

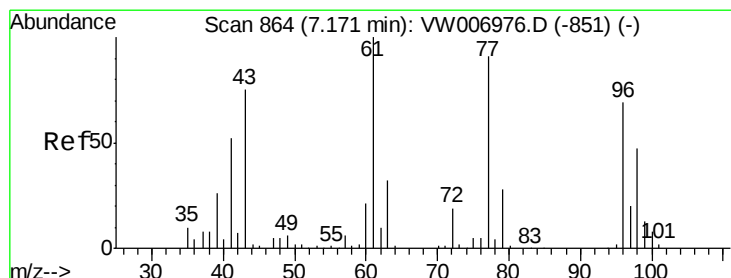
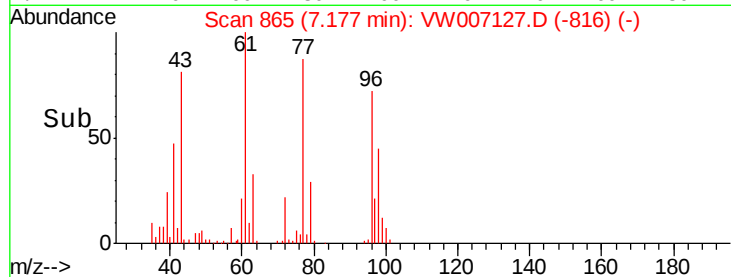
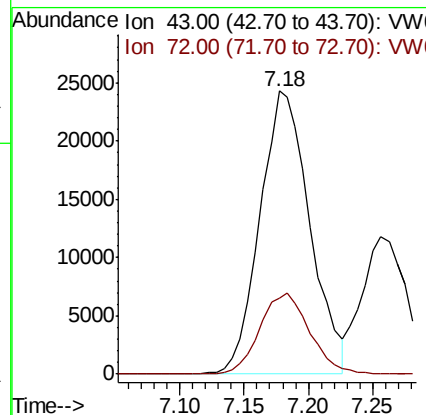
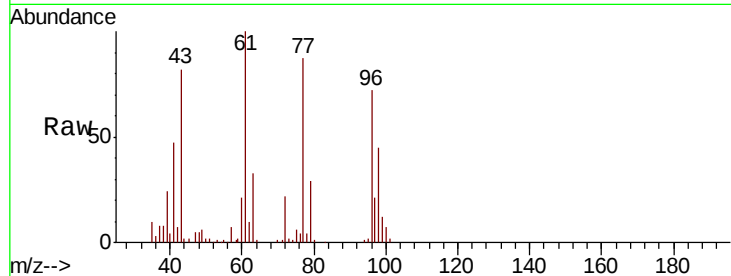
VSTDCCC050EC

Tot Ion: 43 Resp: 65270

Ion Ratio Lower Upper

43 100

72 26.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 51.120 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007127.D

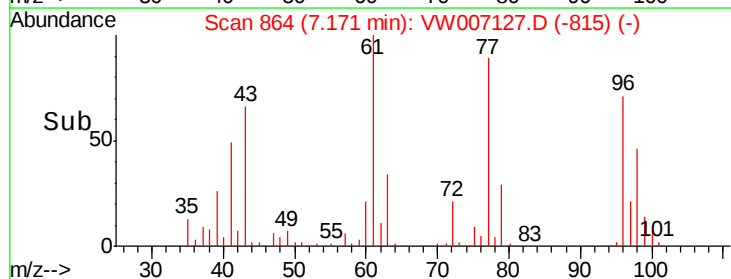
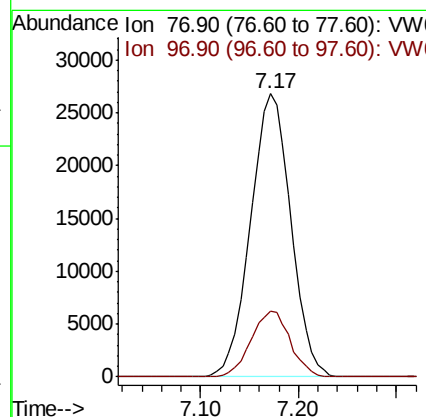
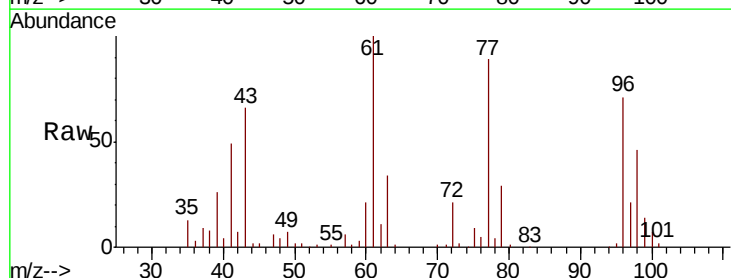
Acq: 28 Nov 2018 21:29

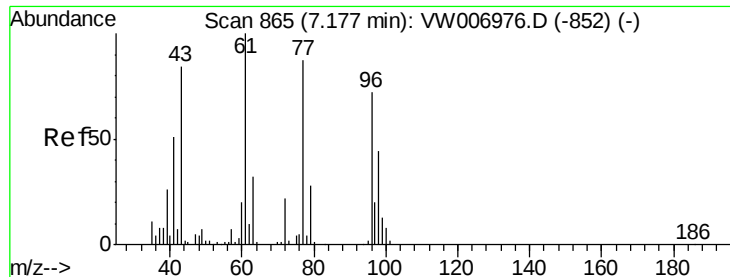
Tgt Ion: 77 Resp: 77005

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1



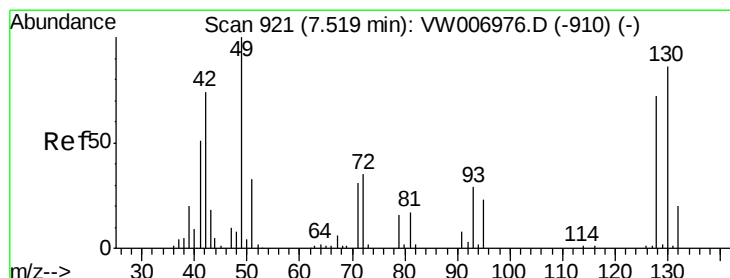
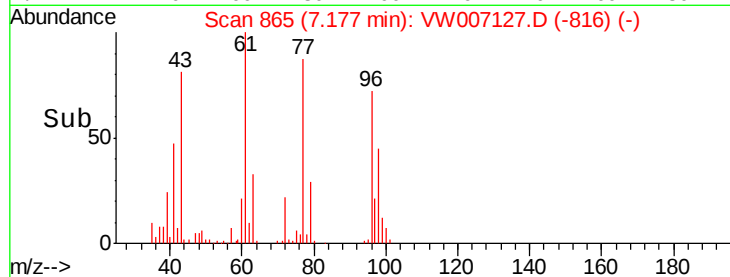
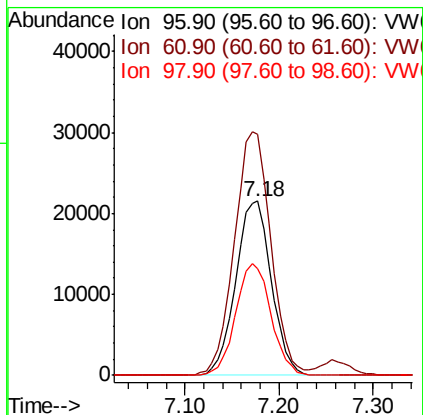
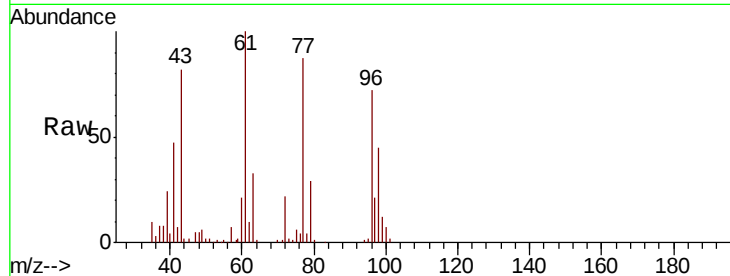


#27

cis-1,2-Dichloroethene
 Concen: 53.942 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

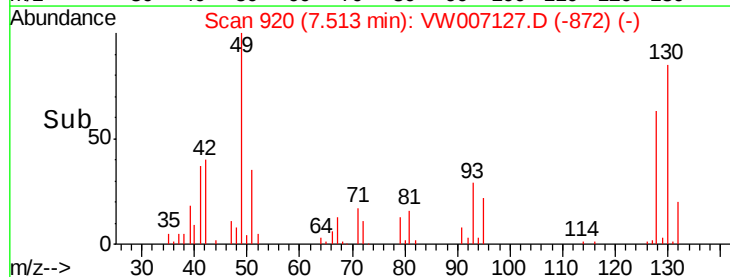
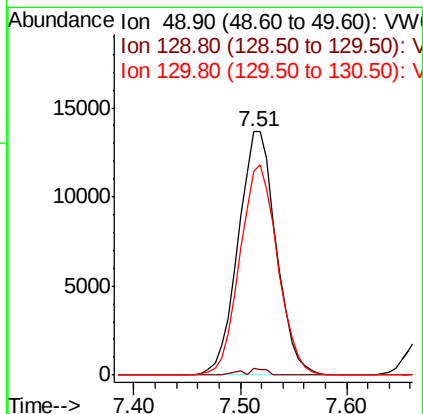
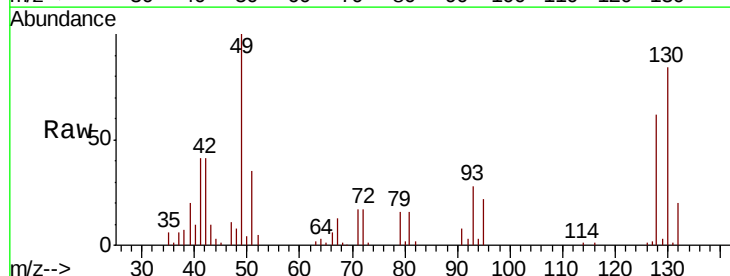
Tot Ion	96	Resp	57075
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	292.6
98	63.2	0.0	129.8

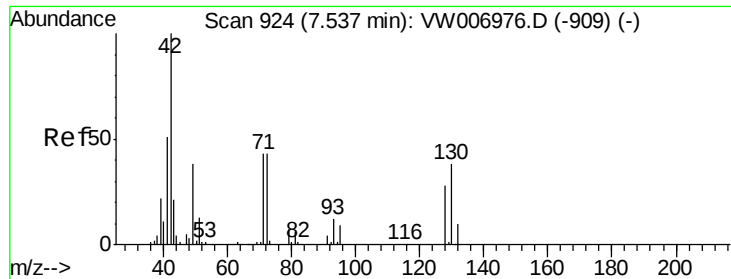


#28

Bromochloromethane
 Concen: 54.692 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion	49	Resp	34241
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.0
130	85.7	69.0	103.4

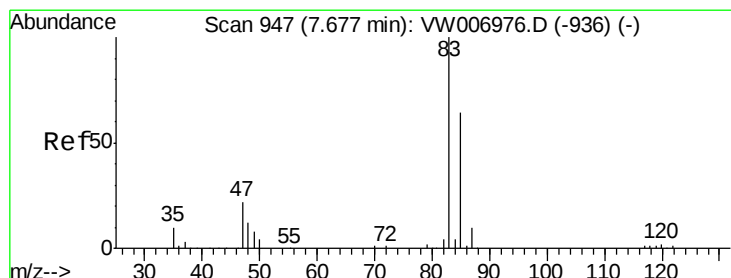
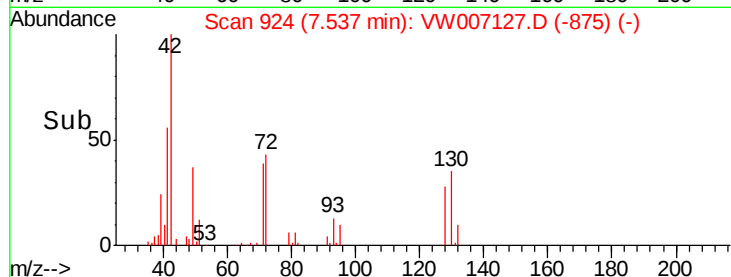
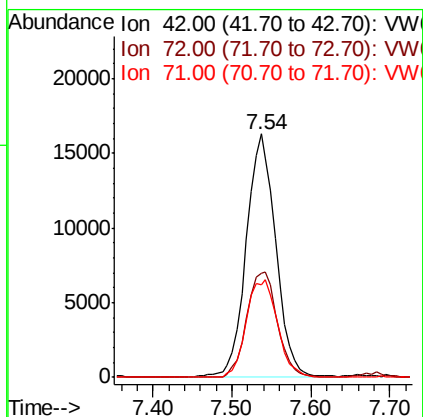
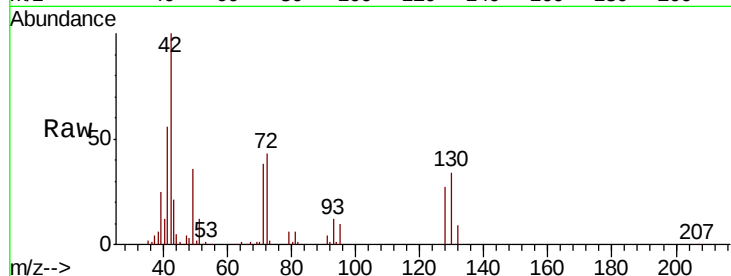




#29
Tetrahydrofuran
Concen: 286.808 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

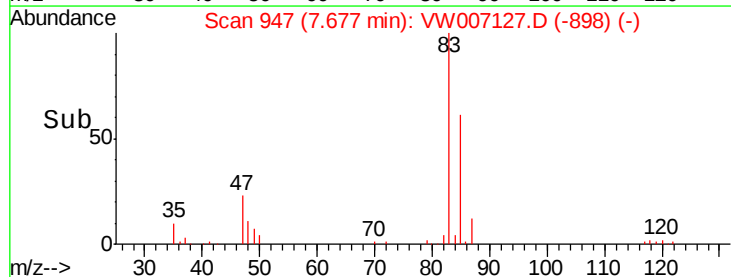
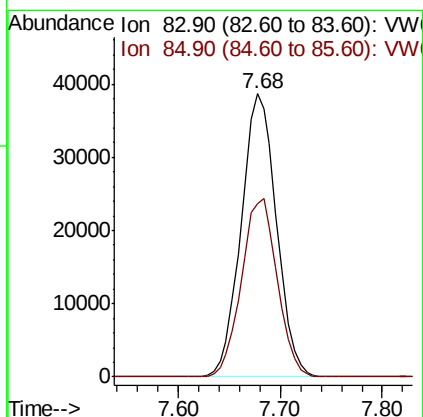
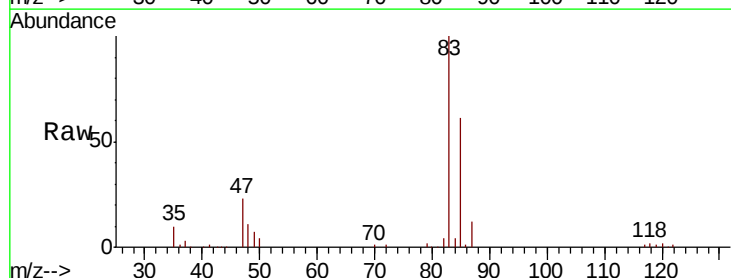
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

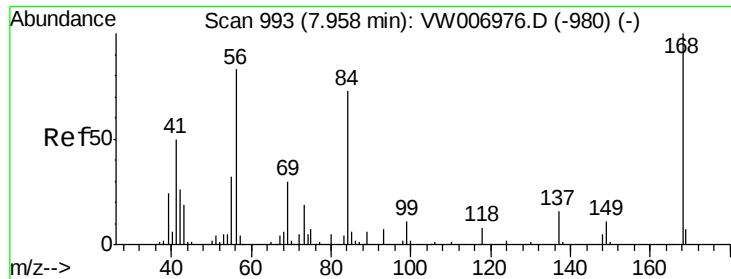
Tot Ion: 42 Resp: 42613
Ion Ratio Lower Upper
42 100
72 44.6 36.2 54.4
71 42.1 33.8 50.8



#30
Chloroform
Concen: 52.136 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 83 Resp: 92782
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3

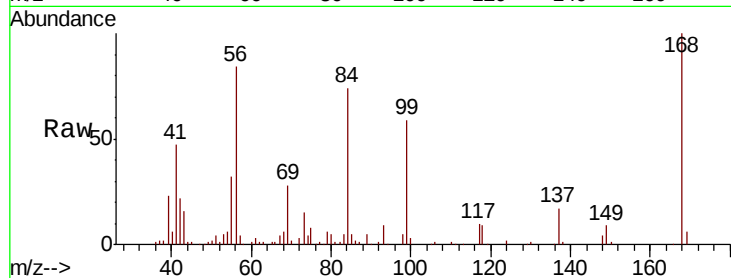




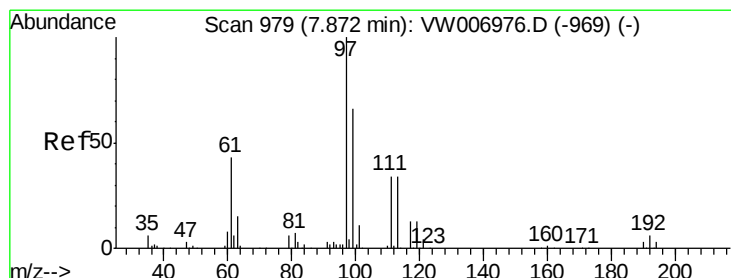
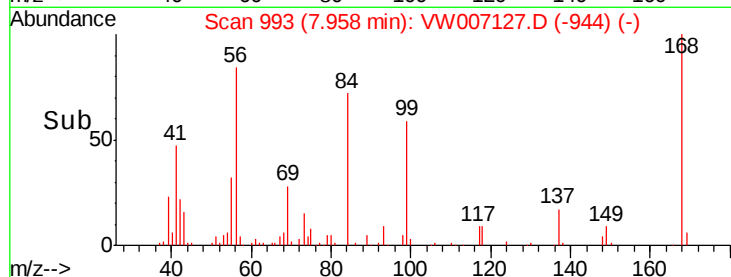
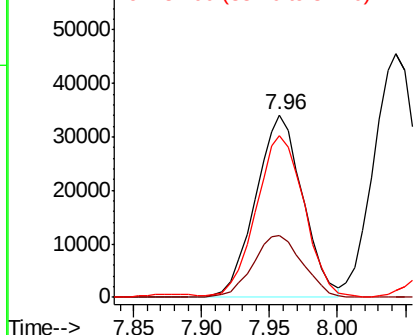
#31
Cyclohexane
Concen: 46.515 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 82646
Ion Ratio Lower Upper
56 100
69 33.6 29.1 43.7
84 87.1 70.6 105.8

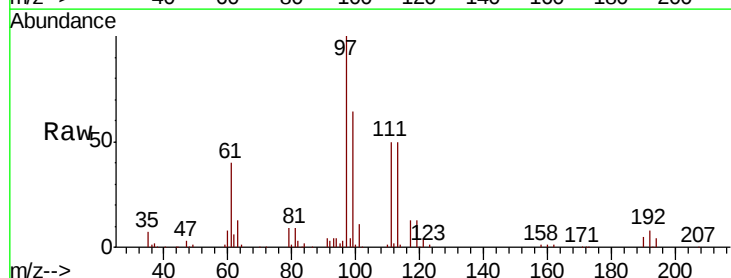


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

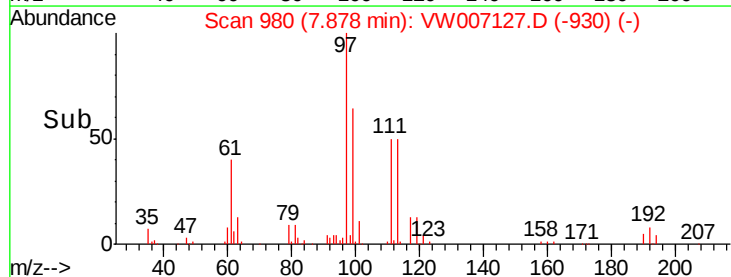
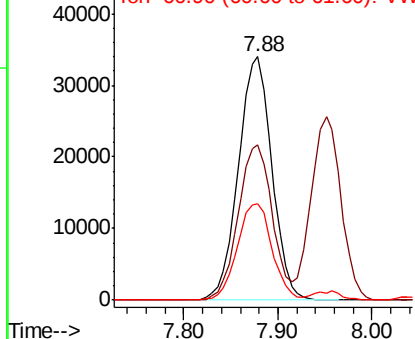


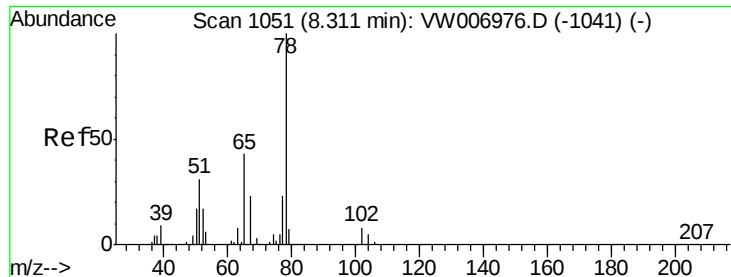
#32
1,1,1-Trichloroethane
Concen: 52.766 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 97 Resp: 84580
Ion Ratio Lower Upper
97 100
99 65.2 51.9 77.9
61 41.2 33.4 50.2



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: 56.632 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

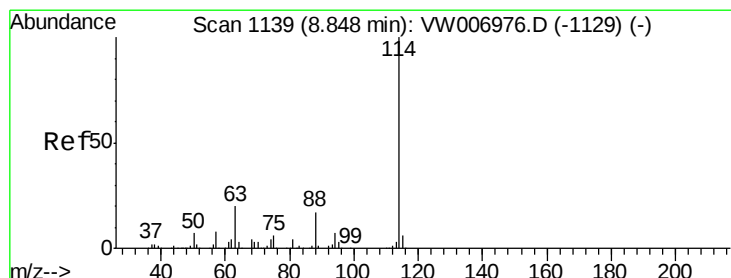
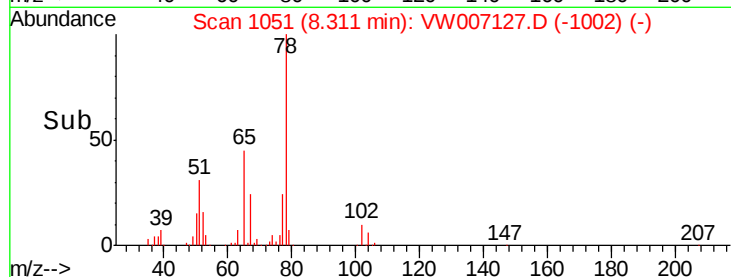
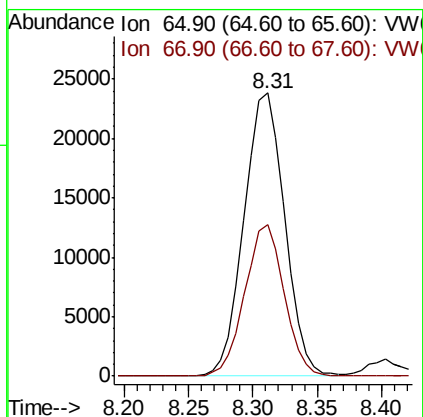
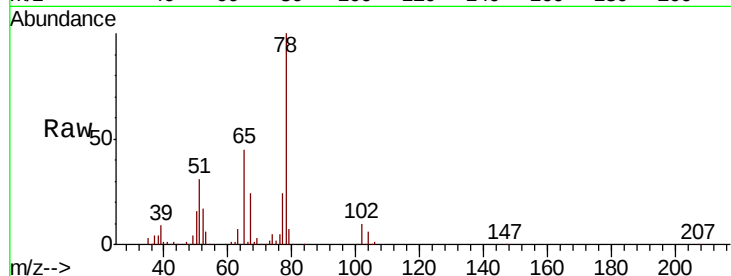
VSTDCCC050EC

Tot Ion: 65 Resp: 52246

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

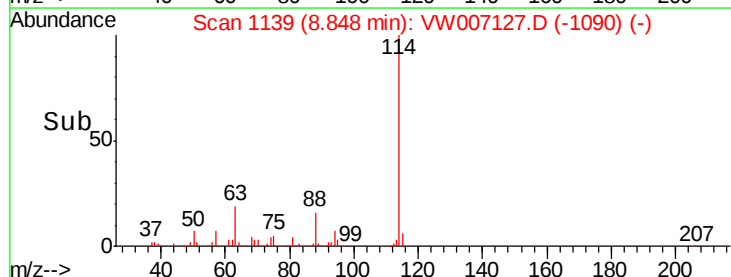
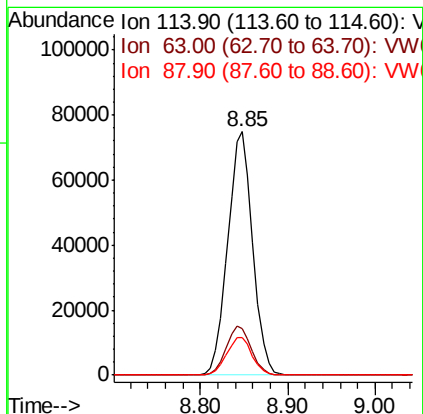
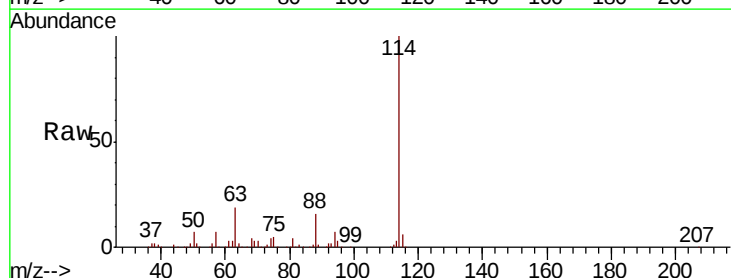
Tgt Ion: 114 Resp: 147716

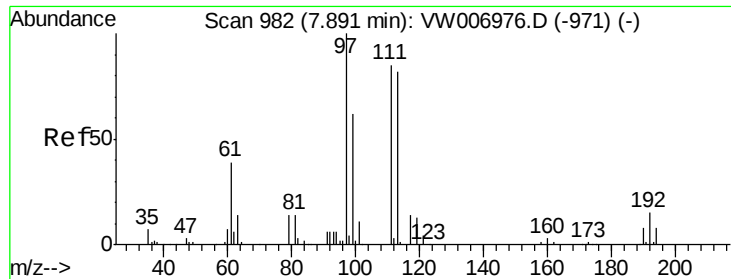
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.4

88 15.5 0.0 34.2

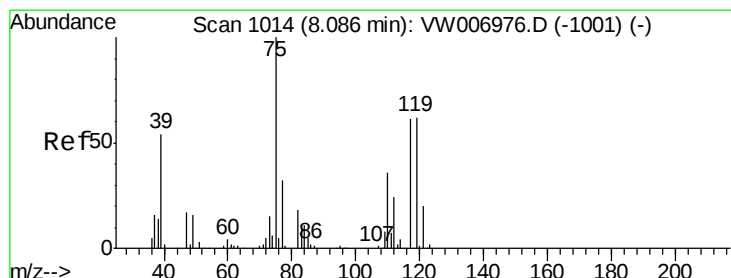
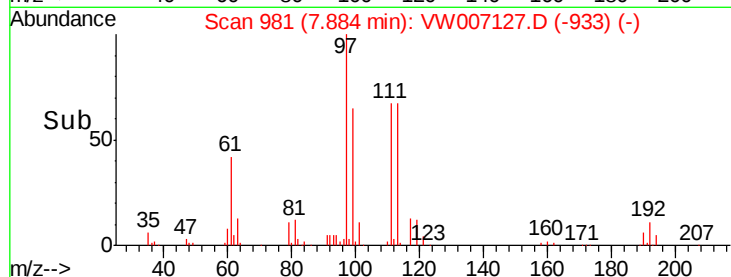
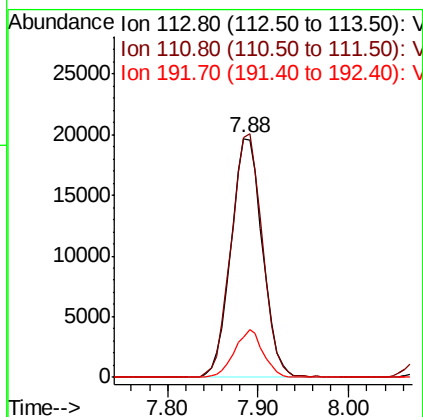
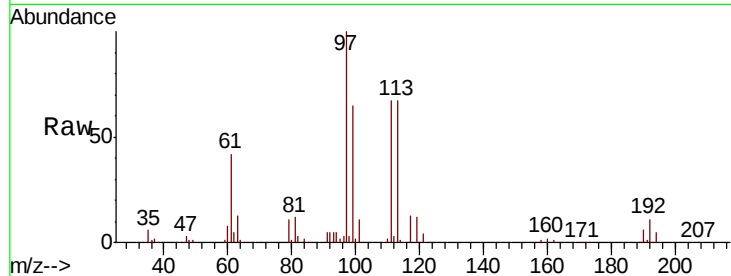




#35
 Dibromofluoromethane
 Concen: 56.724 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

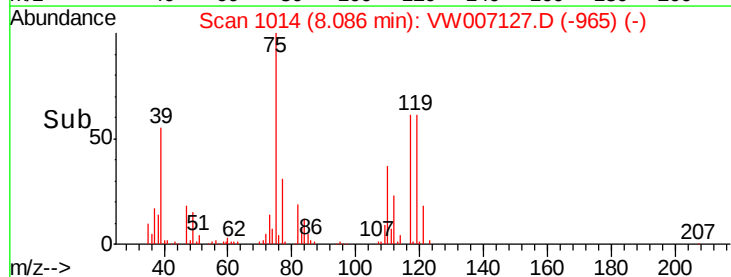
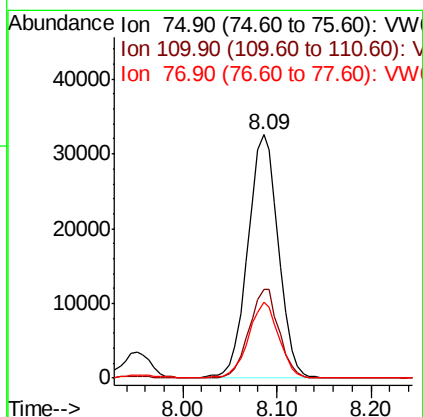
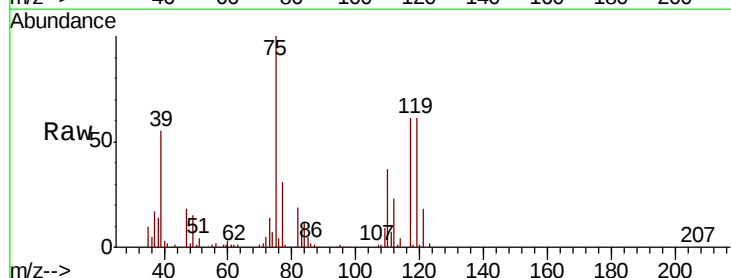
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

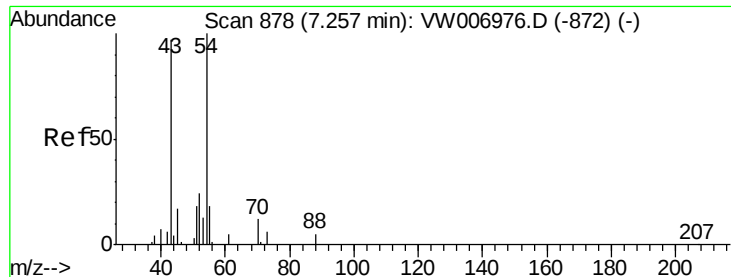
Tot Ion:113 Resp: 47319
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.0 121.6
 192 18.0 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 51.402 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion: 75 Resp: 74199
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.0 54.0
 77 31.0 24.9 37.3

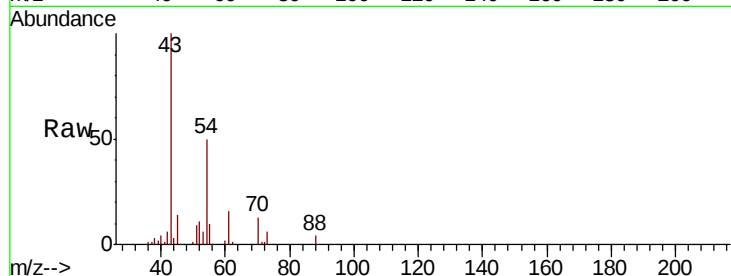




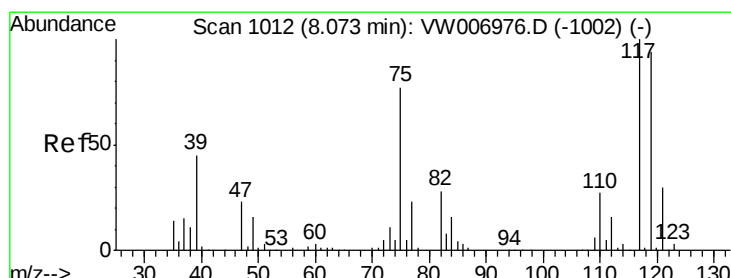
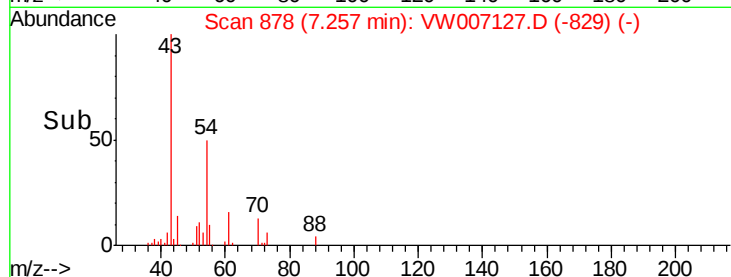
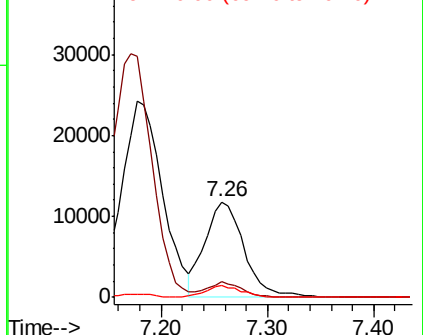
#37
Ethyl Acetate
Concen: 56.689 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 29653
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 11.7 8.8 13.2

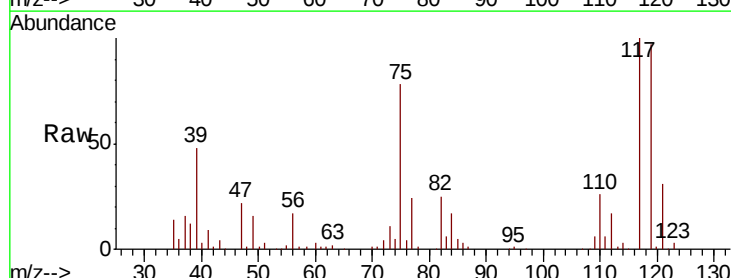


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

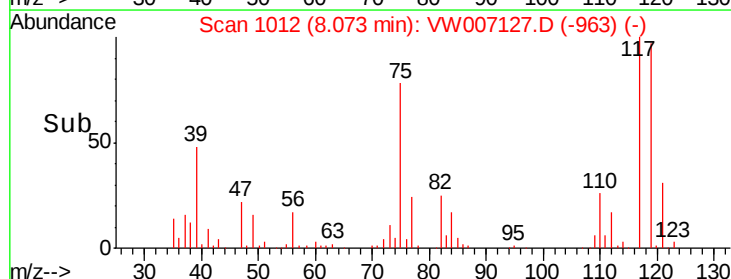
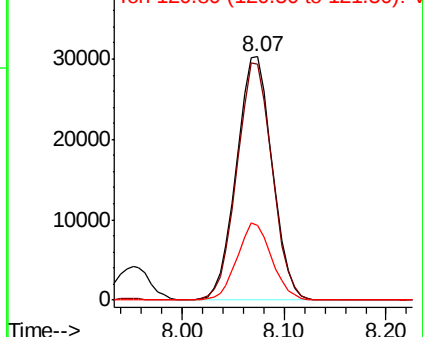


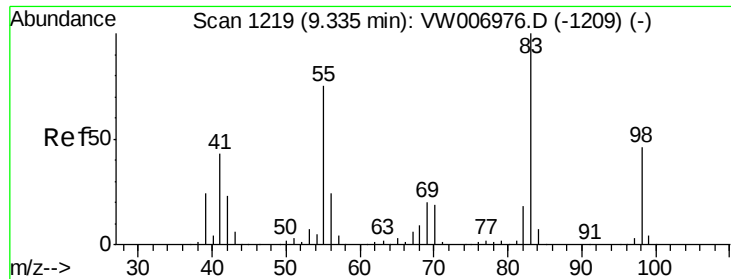
#38
Carbon Tetrachloride
Concen: 53.481 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 117 Resp: 73925
Ion Ratio Lower Upper
117 100
119 97.0 74.9 112.3
121 30.6 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

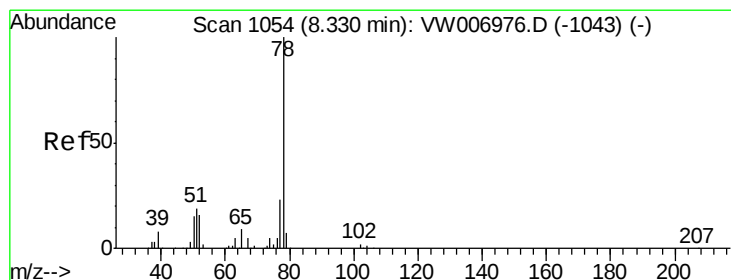
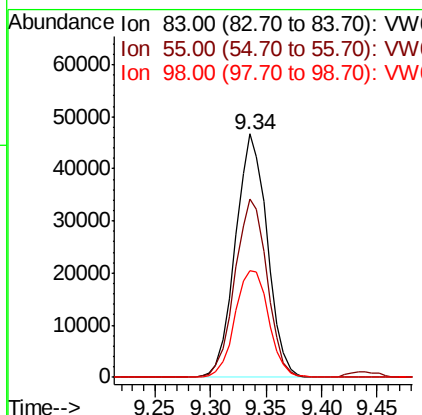
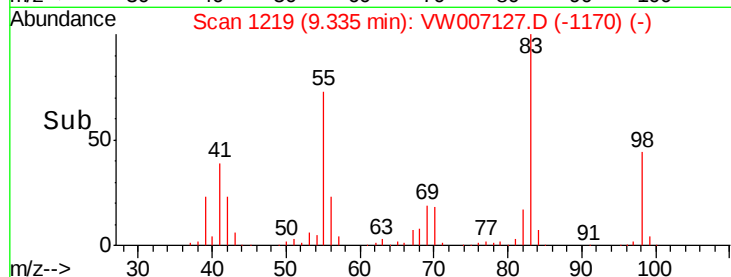
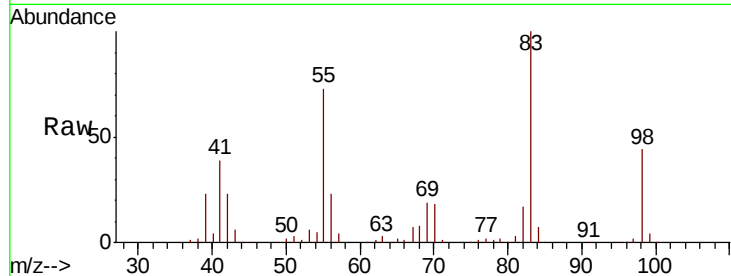




#39
Methvlcvclohexane
Concen: 51.128 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

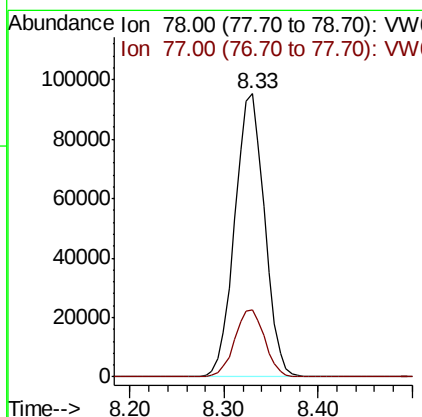
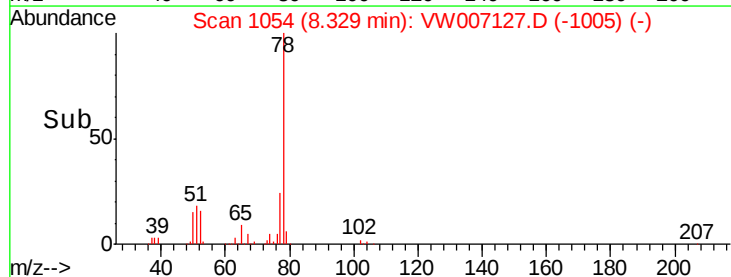
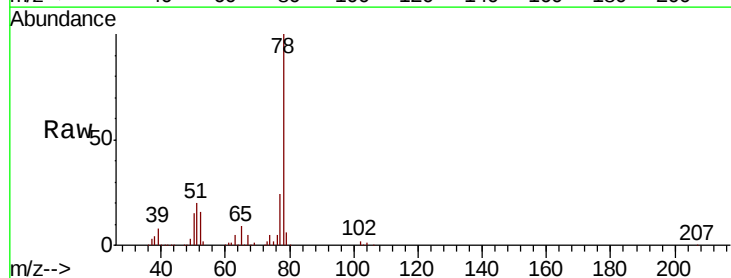
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

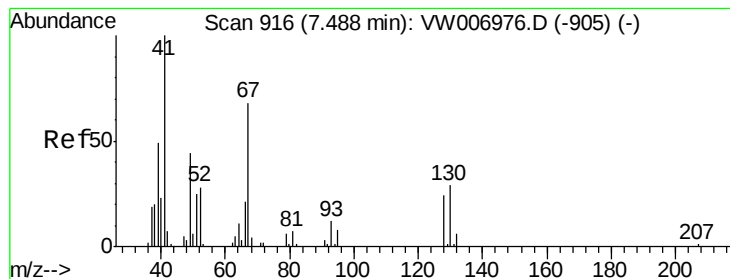
Tot Ion: 83 Resp: 92357
Ion Ratio Lower Upper
83 100
55 73.2 59.6 89.4
98 43.9 37.1 55.7



#40
Benzene
Concen: 53.899 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 78 Resp: 210016
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0





#41

Methacrylonitrile

Concen: 53.422 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 17354

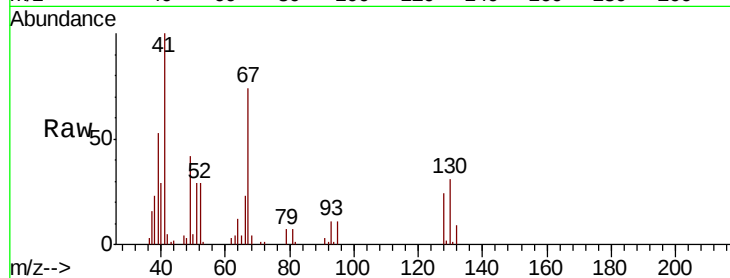
Ion Ratio Lower Upper

41 100

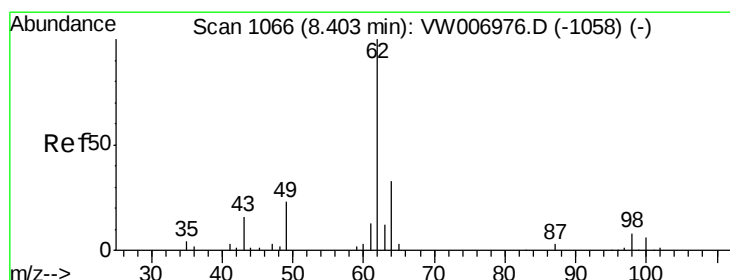
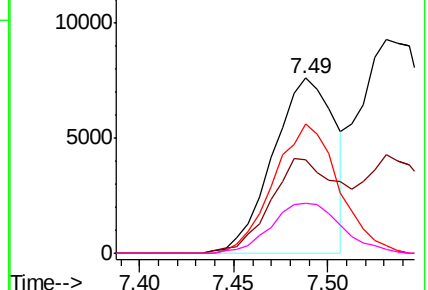
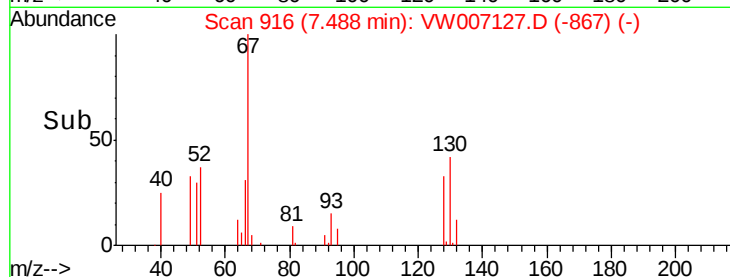
39 60.9 48.6 73.0

67 77.1 59.8 89.8

52 32.2 24.8 37.2



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



#42

1,2-Dichloroethane

Concen: 54.737 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007127.D

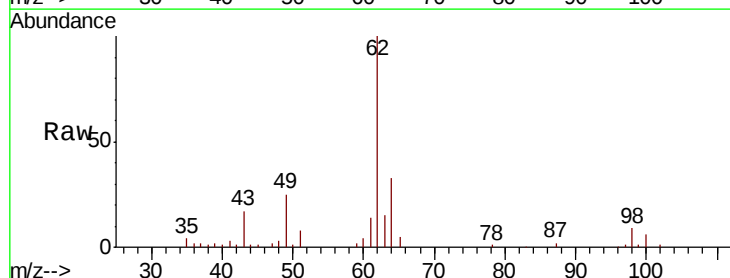
Acq: 28 Nov 2018 21:29

Tgt Ion: 62 Resp: 61922

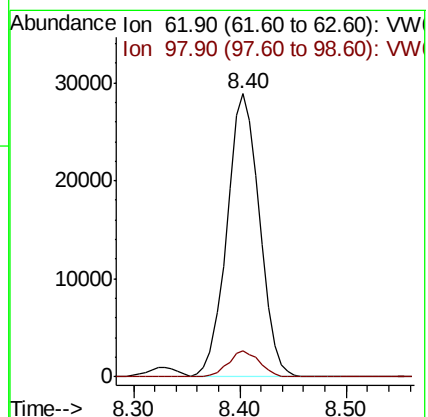
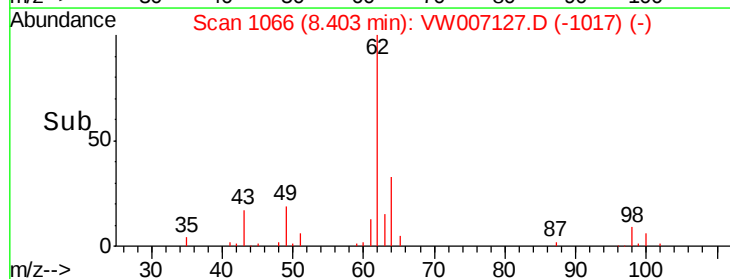
Ion Ratio Lower Upper

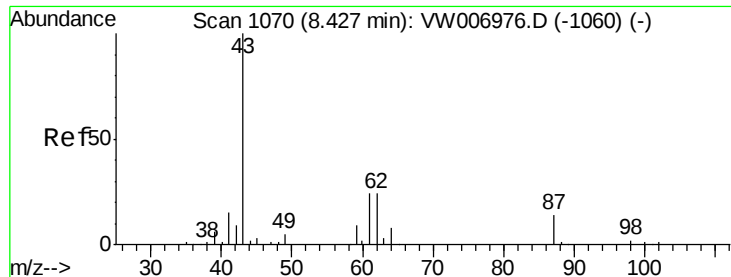
62 100

98 8.9 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 60.176 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

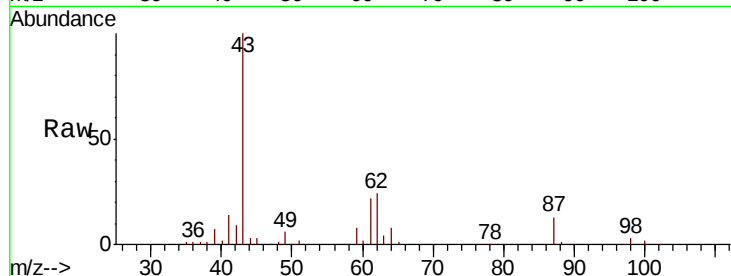
Tot Ion: 43 Resp: 59985

Ion Ratio Lower Upper

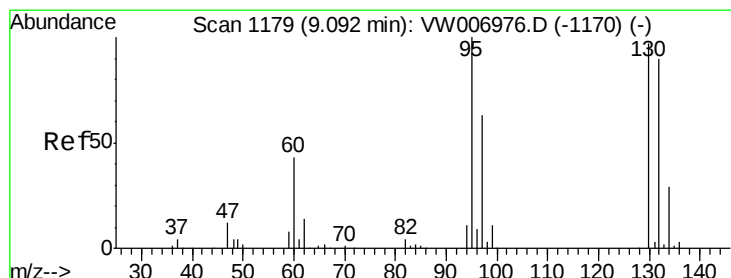
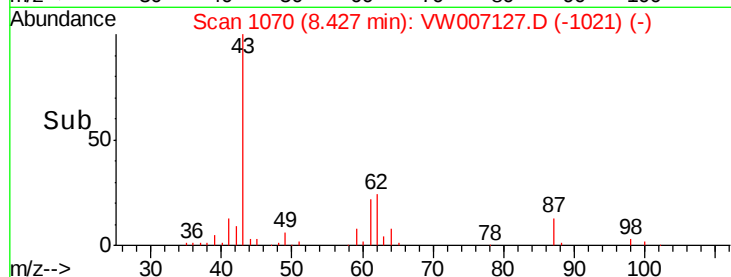
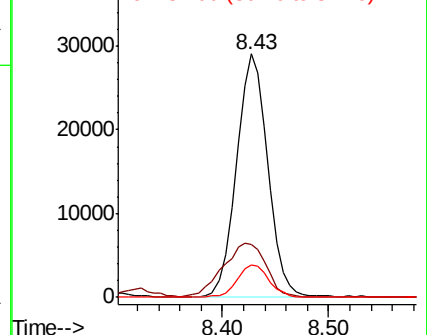
43 100

61 30.4 26.1 39.1

87 13.5 11.2 16.8



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



#44

Trichloroethene

Concen: 54.339 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007127.D

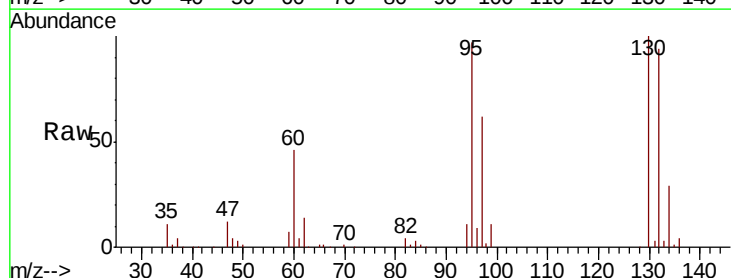
Acq: 28 Nov 2018 21:29

Tgt Ion: 130 Resp: 59354

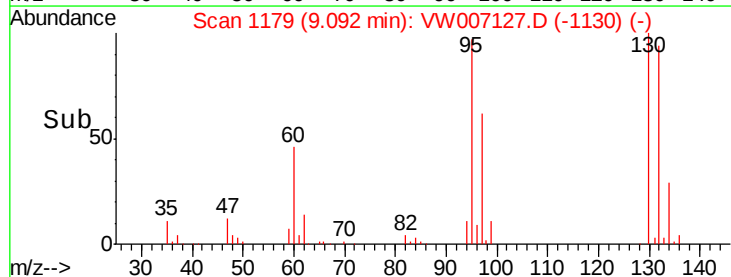
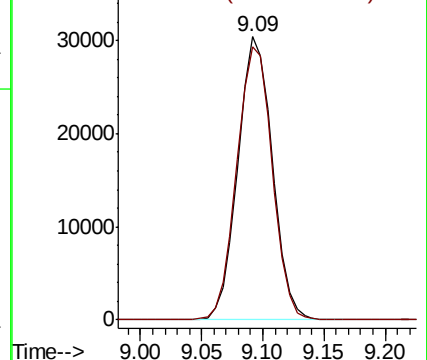
Ion Ratio Lower Upper

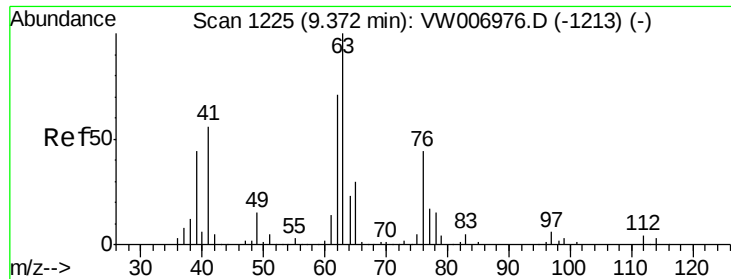
130 100

95 96.7 0.0 206.4



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

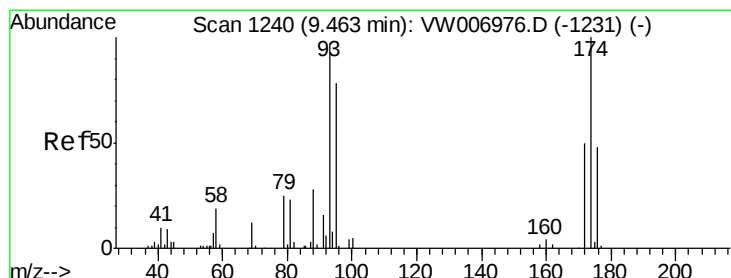
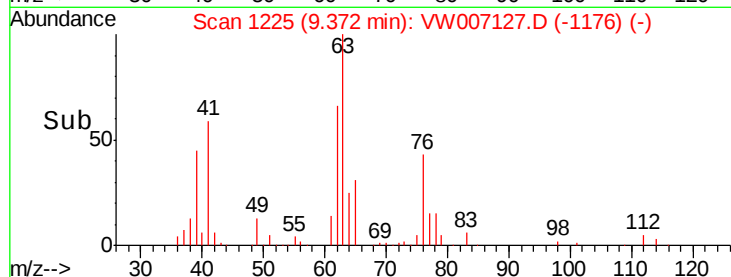
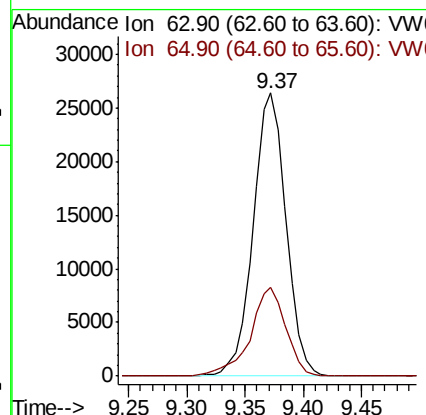
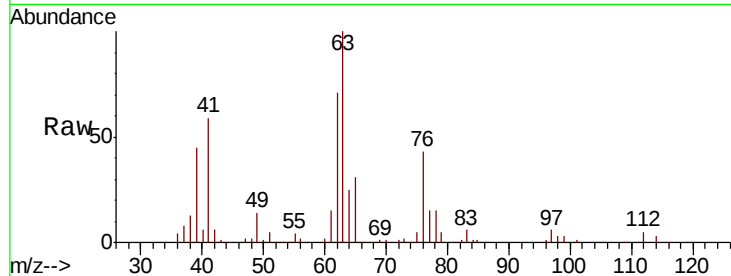




#45
 1,2-Dichloropropane
 Concen: 54.144 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

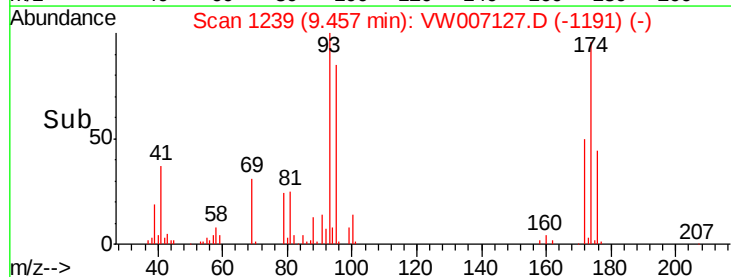
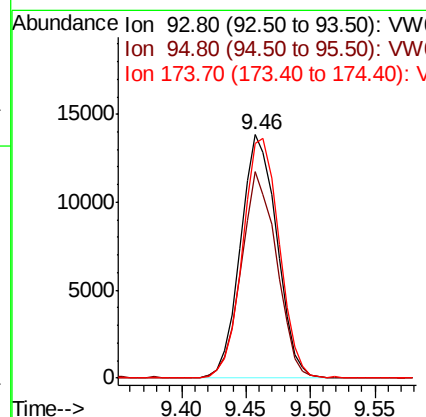
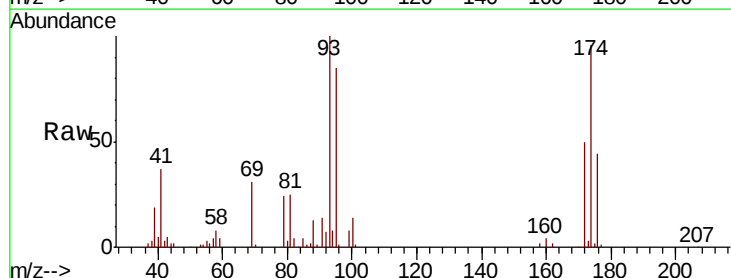
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

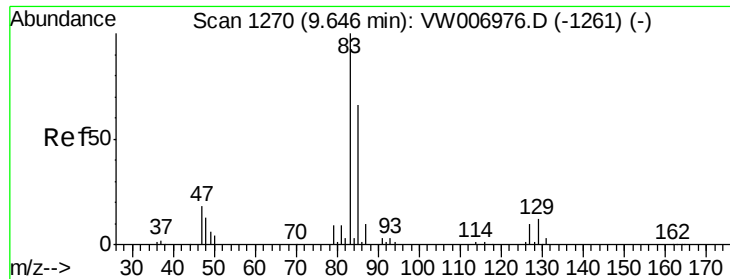
Tot Ion: 63 Resp: 52006
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6



#46
 Dibromomethane
 Concen: 56.446 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion: 93 Resp: 27151
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.1 99.1
 174 99.0 79.7 119.5





#47

Bromodichloromethane

Concen: 55.887 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

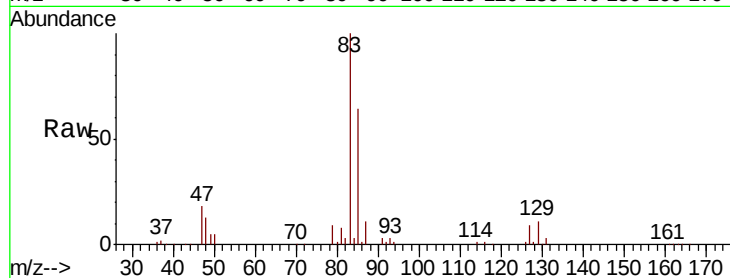
Tot Ion: 83 Resp: 70827

Ion Ratio Lower Upper

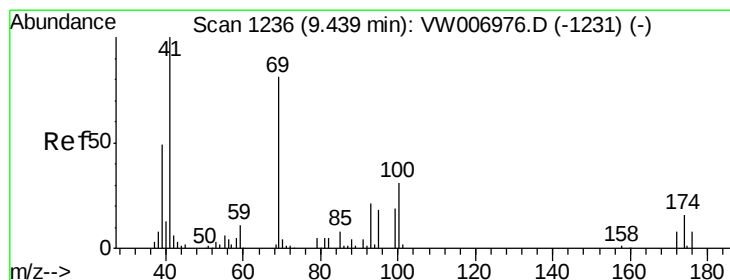
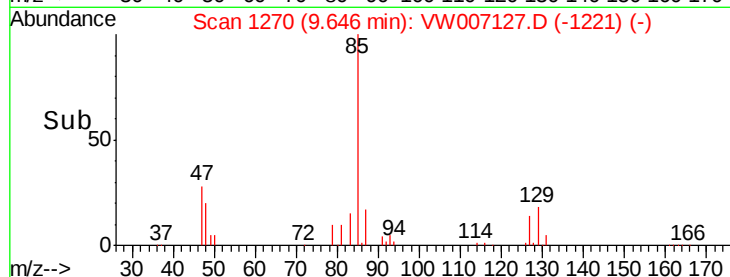
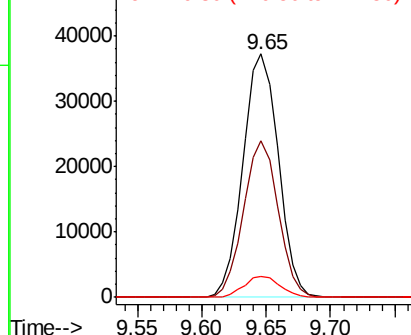
83 100

85 64.1 52.9 79.3

127 8.7 7.8 11.6



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



#48

Methyl methacrylate

Concen: 60.159 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

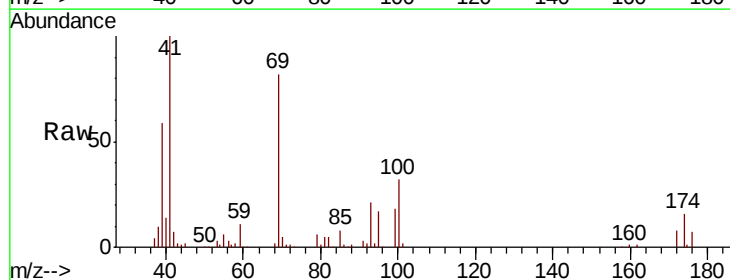
Tgt Ion: 41 Resp: 28915

Ion Ratio Lower Upper

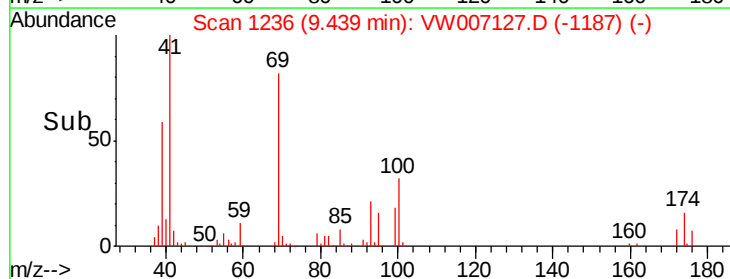
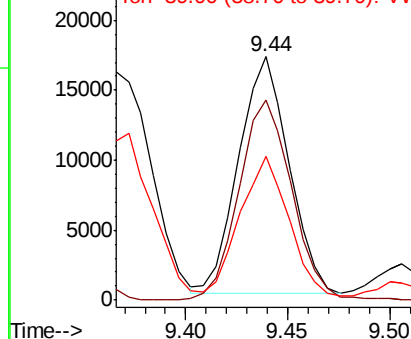
41 100

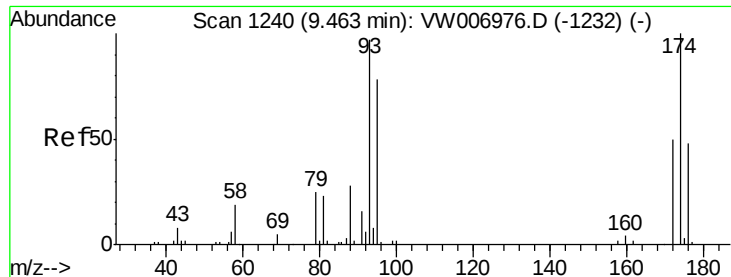
69 89.2 71.4 107.0

39 61.2 44.8 67.2



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

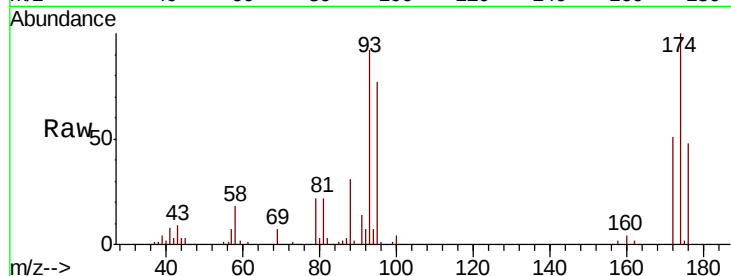




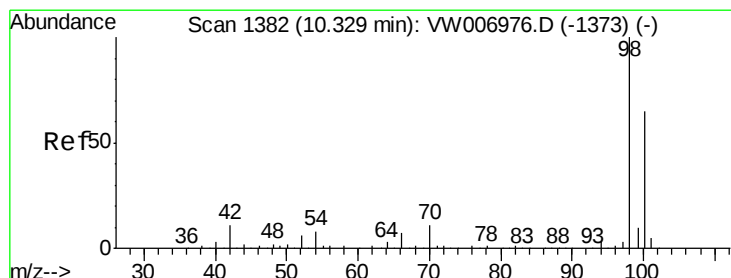
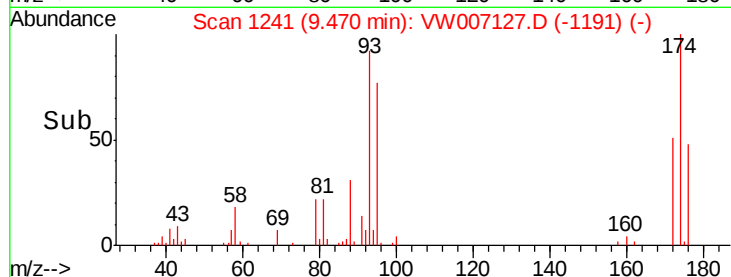
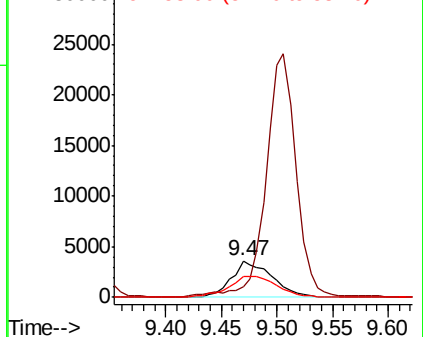
#49
1,4-Dioxane
Concen: 1270.619 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 9084
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 69.9 59.0 88.6

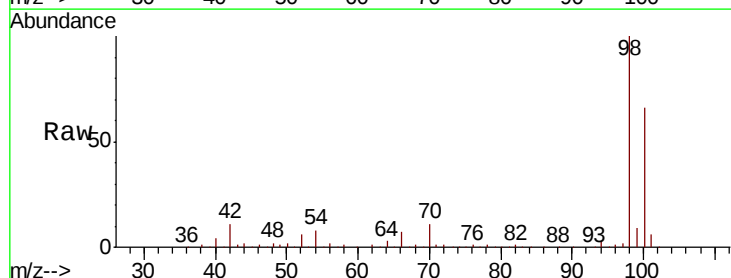


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

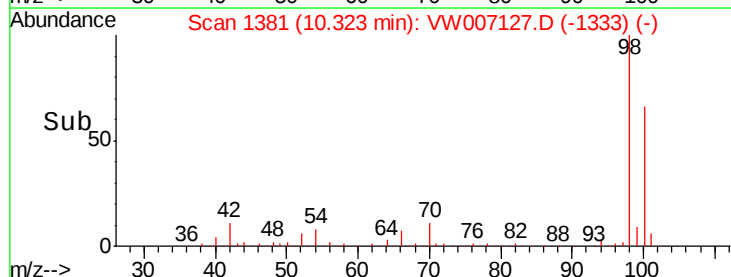
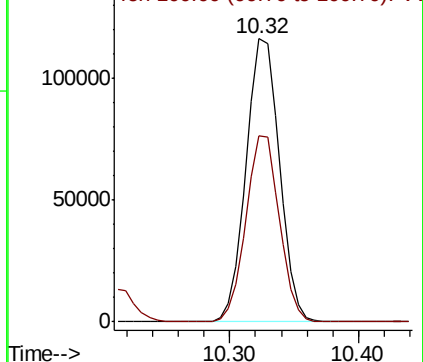


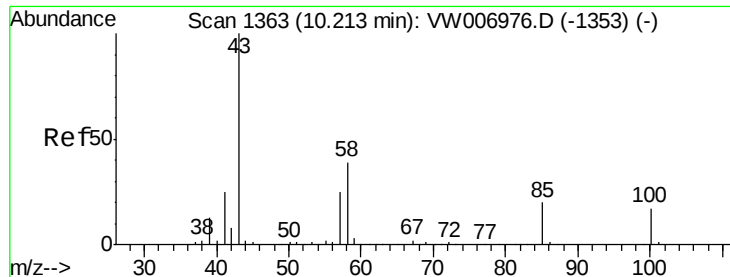
#50
Toluene-d8
Concen: 56.378 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 98 Resp: 207680
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 291.691 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

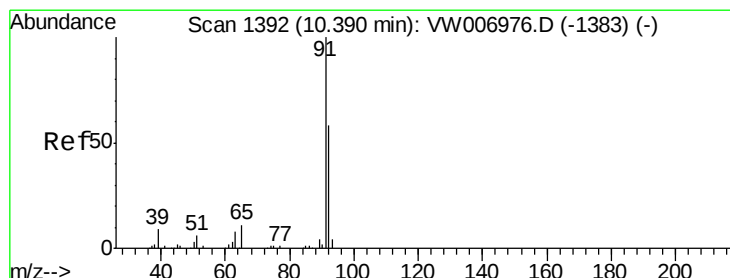
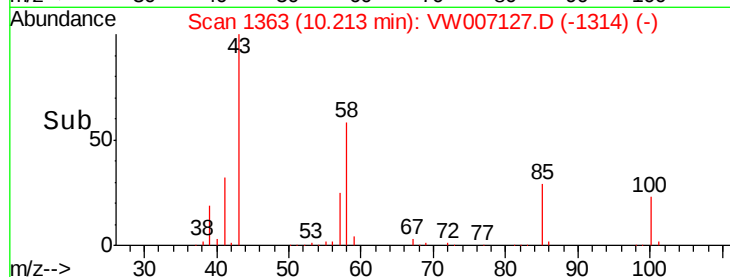
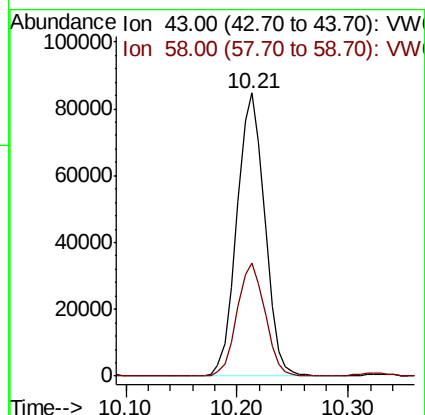
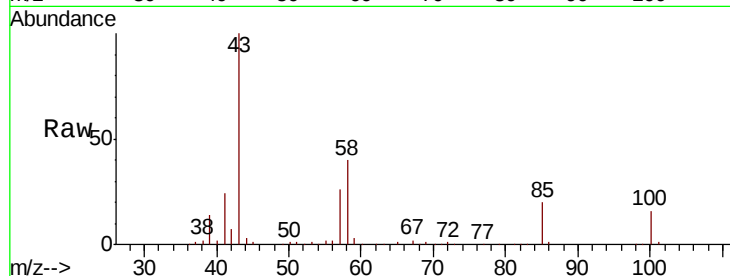
VSTDCCC050EC

Tot Ion: 43 Resp: 146939

Ion Ratio Lower Upper

43 100

58 40.1 31.8 47.6



#52

Toluene

Concen: 56.344 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007127.D

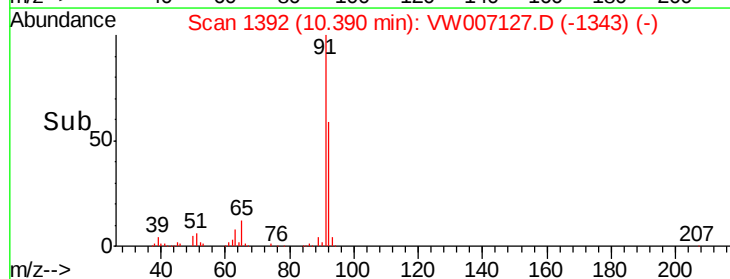
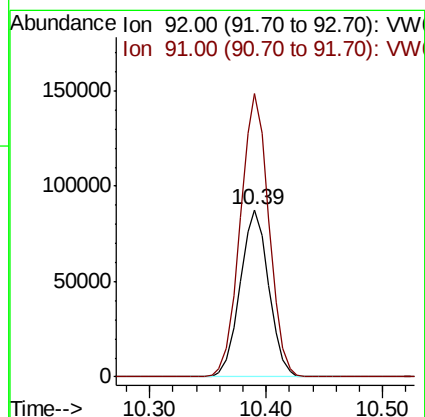
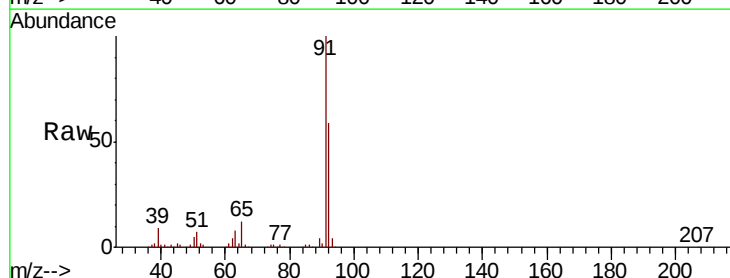
Acq: 28 Nov 2018 21:29

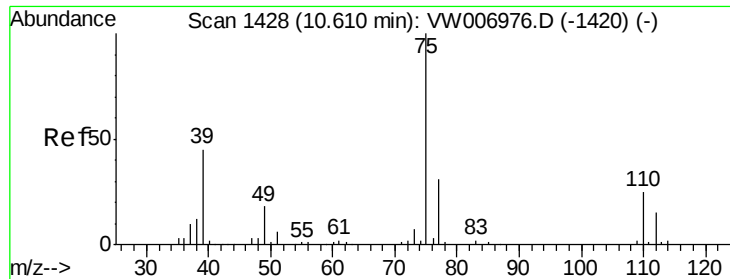
Tgt Ion: 92 Resp: 149410

Ion Ratio Lower Upper

92 100

91 169.6 137.3 205.9

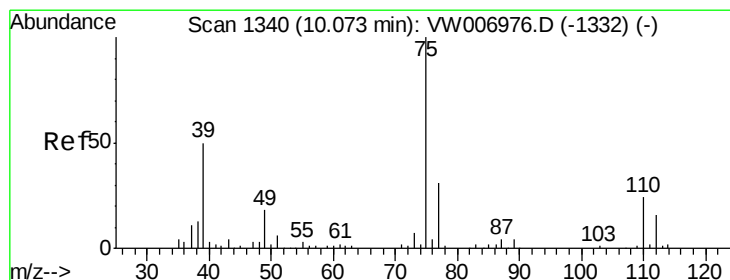
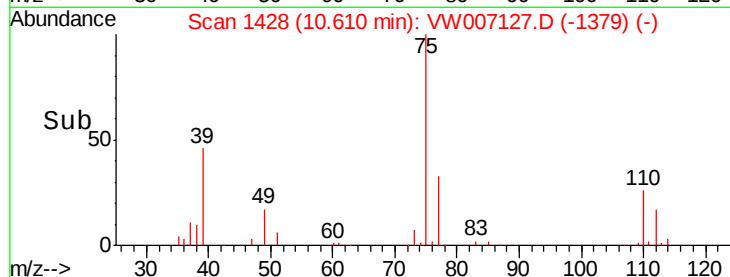
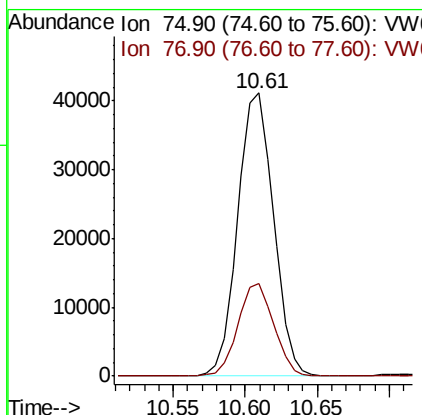
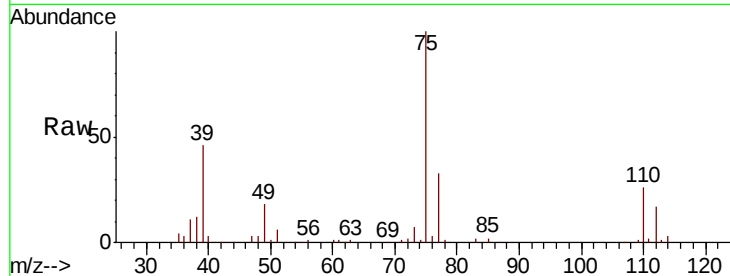




#53
t-1,3-Dichloropropene
Concen: 57.991 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

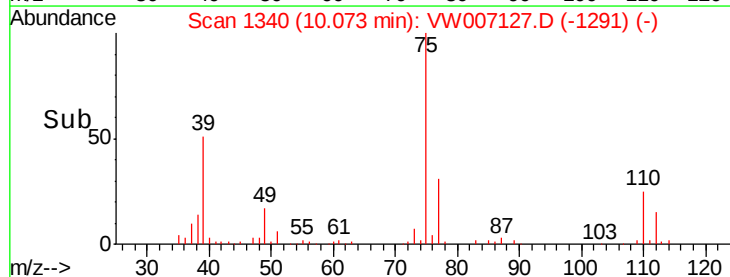
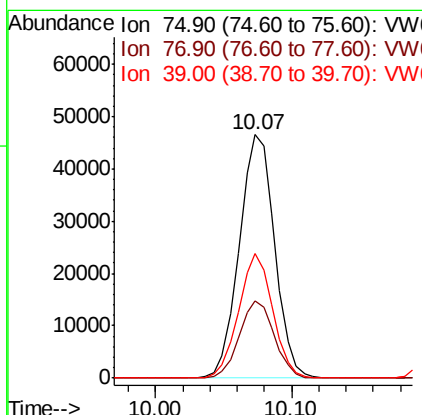
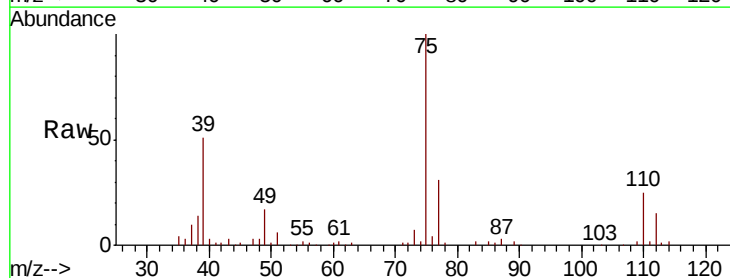
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

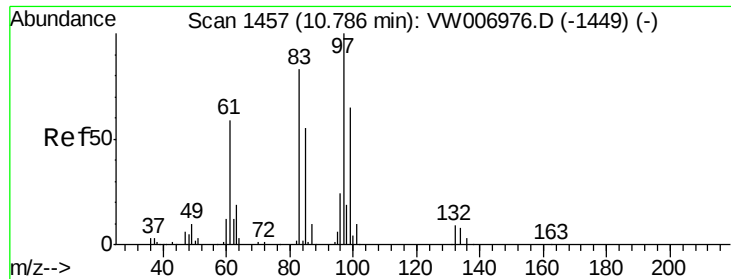
Tot Ion: 75 Resp: 71193
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 56.985 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 75 Resp: 84520
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 51.4 39.9 59.9

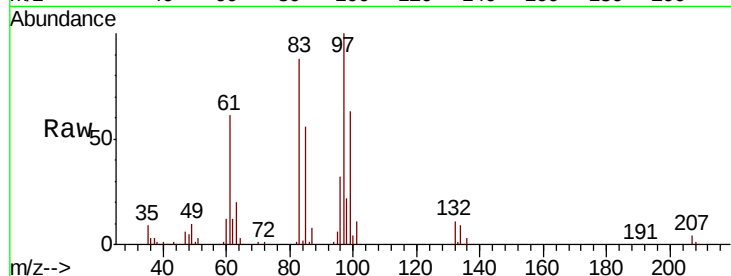




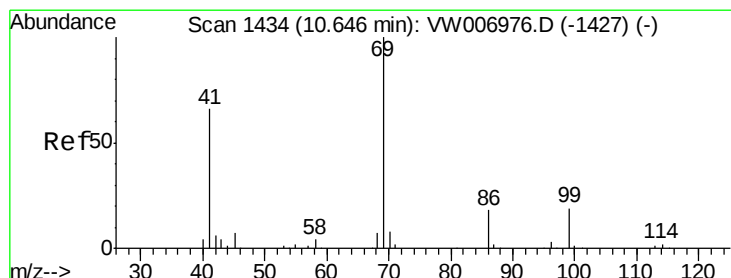
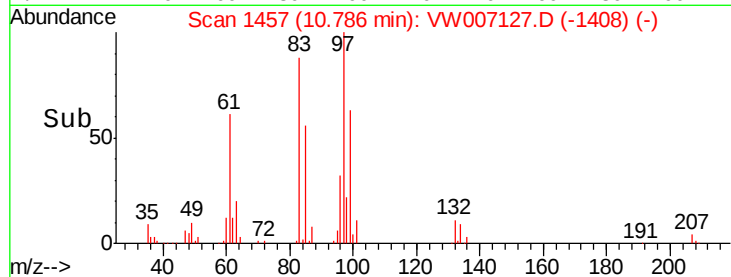
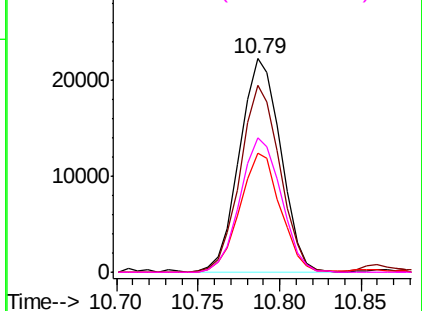
#55
 1,1,2-Trichloroethane
 Concen: 55.037 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	38949
Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.4	99.6
85	56.0	44.1	66.1
99	62.9	51.7	77.5

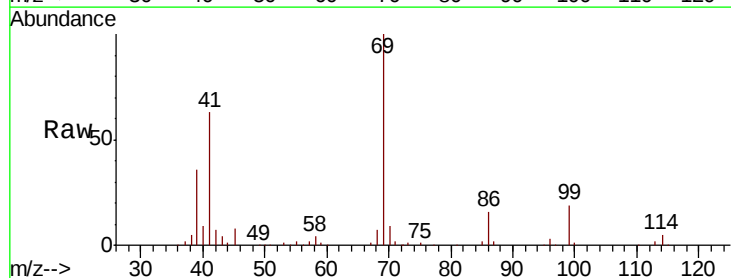


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

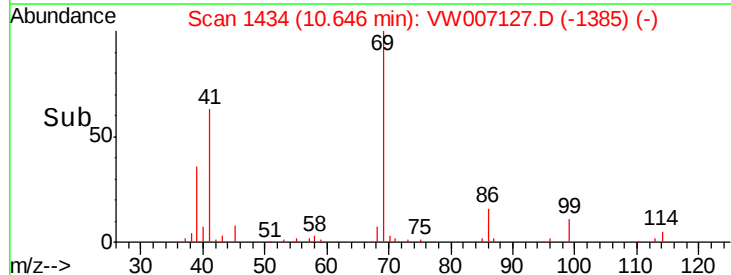
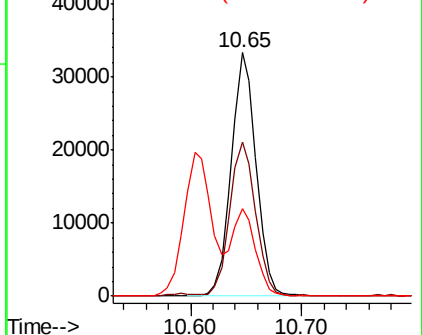


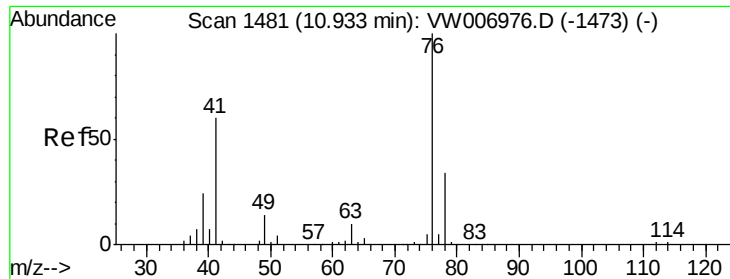
#56
 Ethyl methacrylate
 Concen: 62.523 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion:	69	Resp:	51361
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.4	80.0
39	35.1	28.2	42.4



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

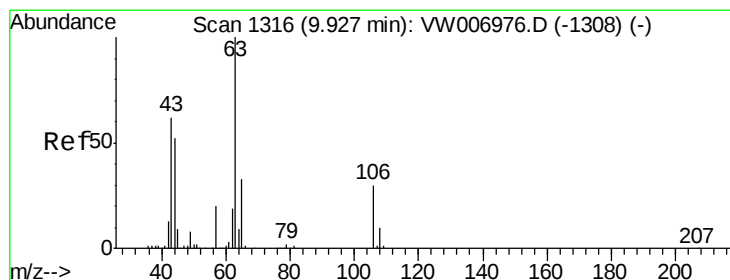
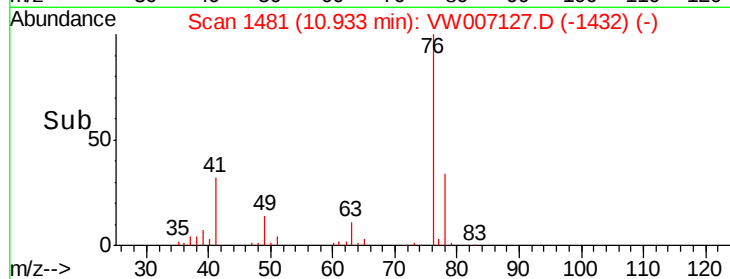
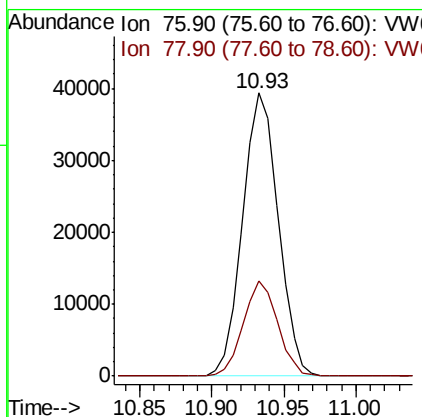
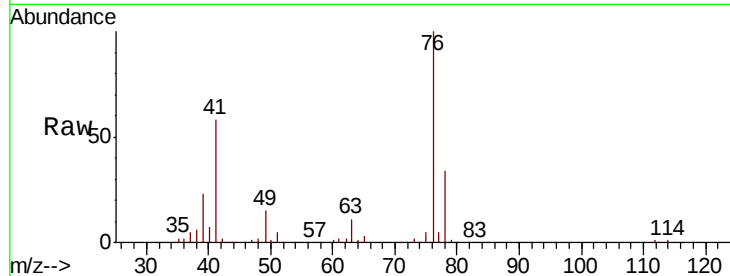




#57
 1,3-Dichloropropane
 Concen: 56.873 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

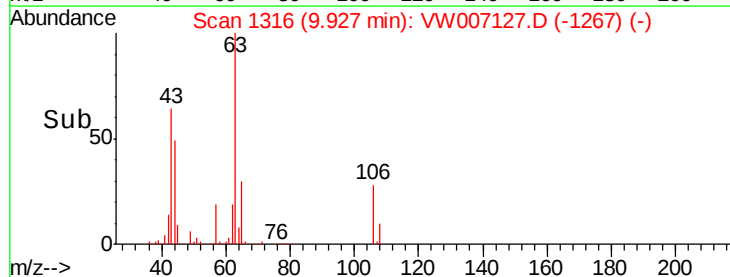
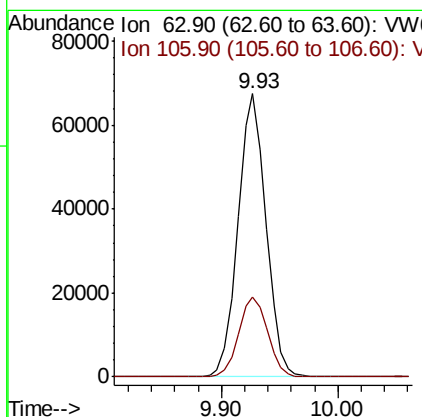
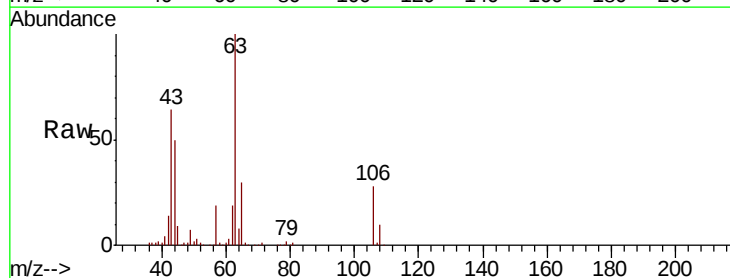
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

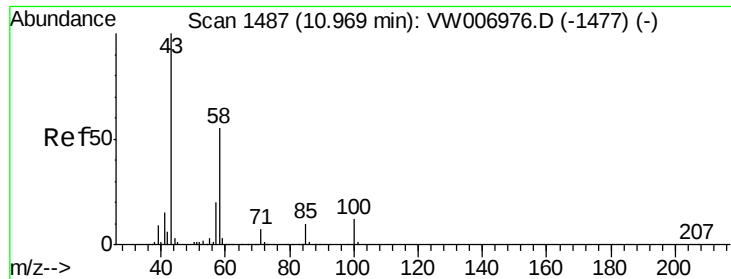
Tot Ion: 76 Resp: 67449
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.089 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion: 63 Resp: 112934
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.5 35.3

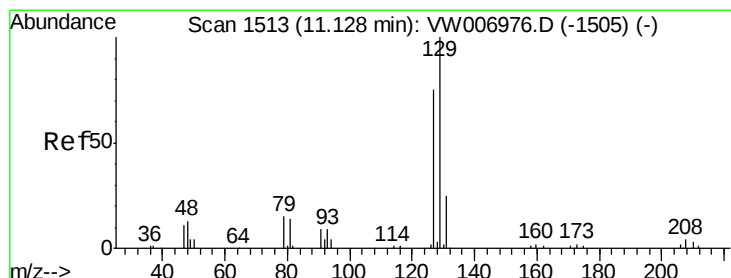
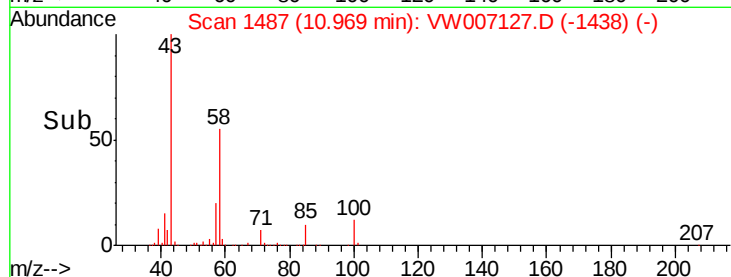
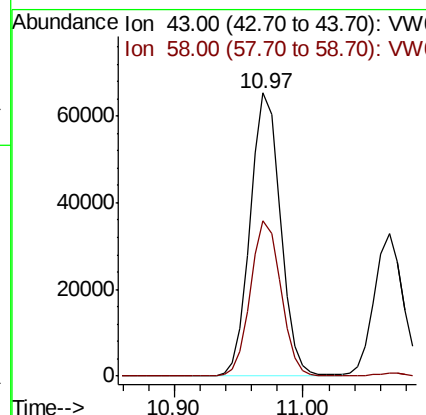
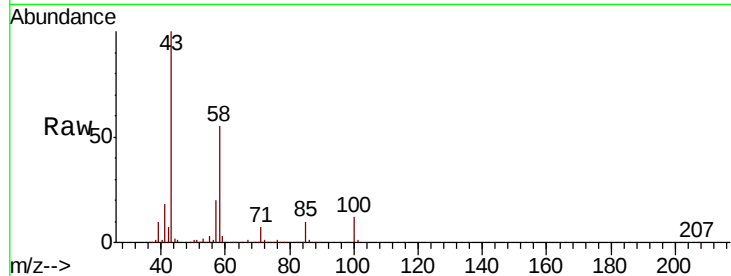




#59
2-Hexanone
Concen: 306.352 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

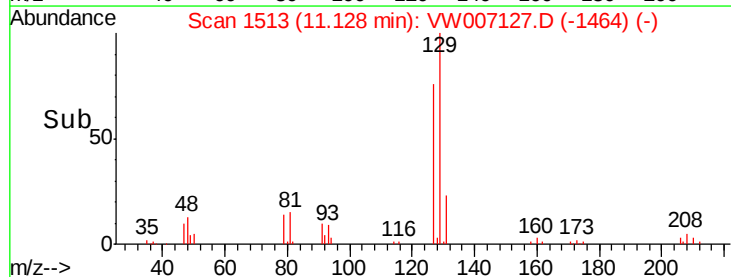
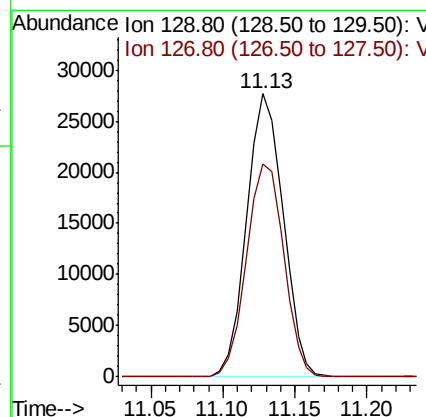
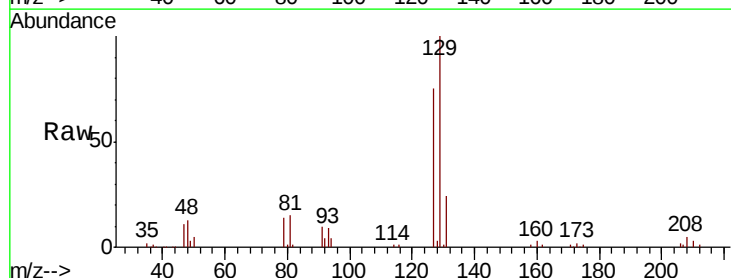
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

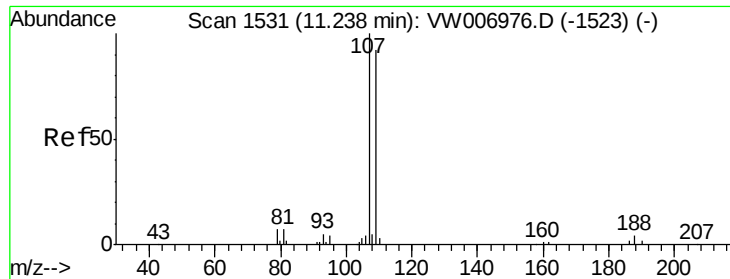
Tot Ion: 43 Resp: 105680
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 60.326 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 129 Resp: 48646
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

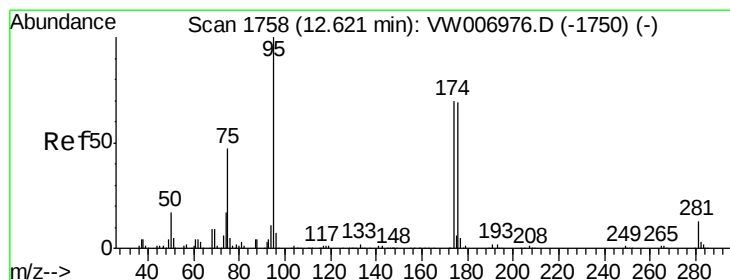
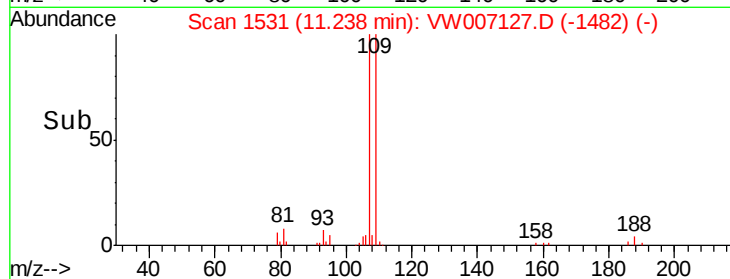
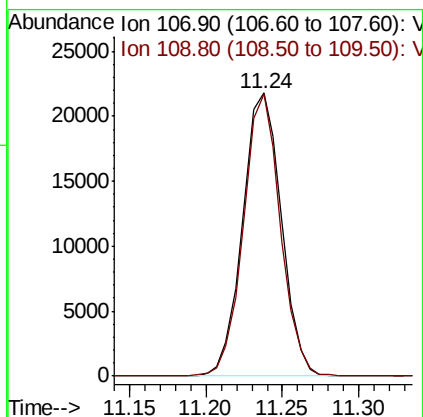
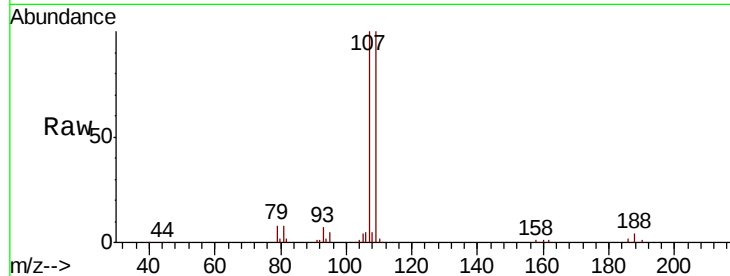




#61
 1,2-Dibromoethane
 Concen: 59.138 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

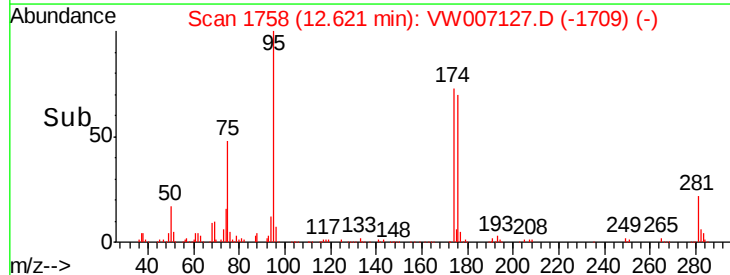
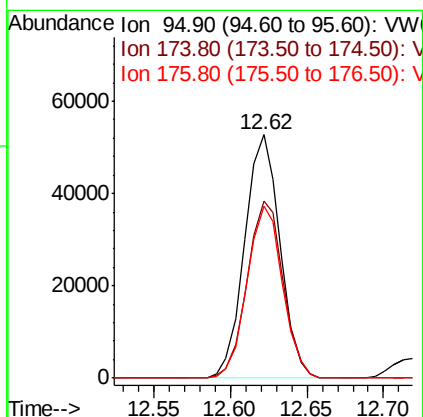
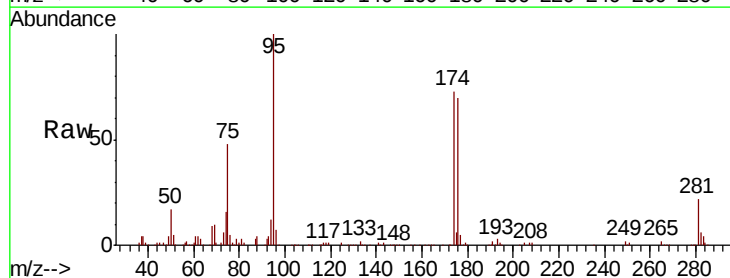
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

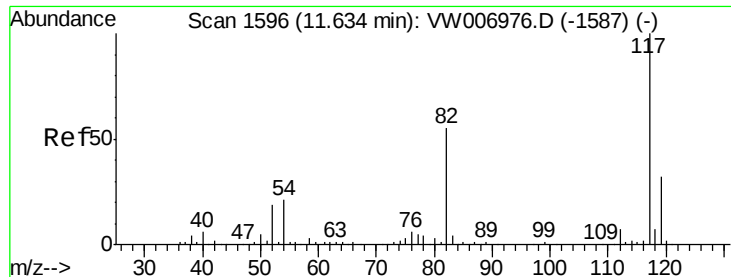
Tot Ion:107 Resp: 38285
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 58.298 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion: 95 Resp: 84508
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 143.6
 176 71.3 0.0 140.4

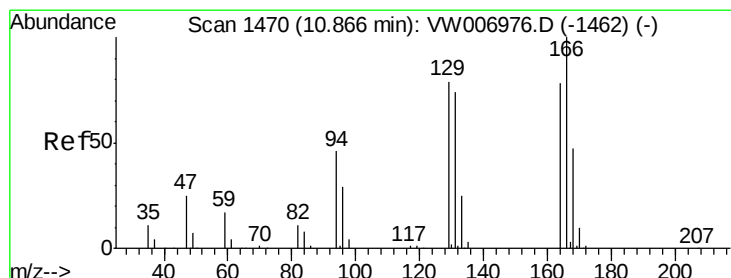
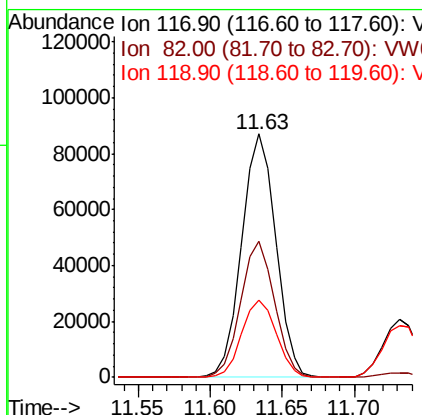
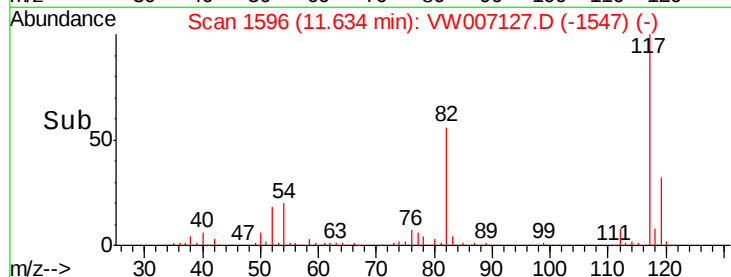
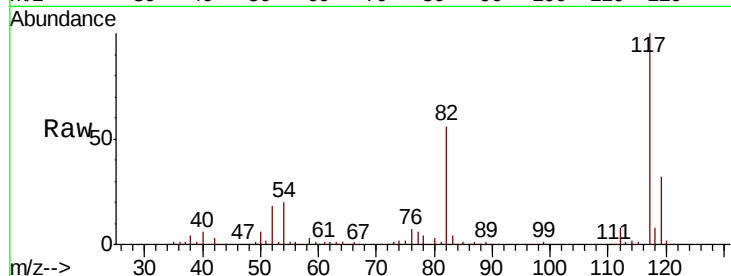




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

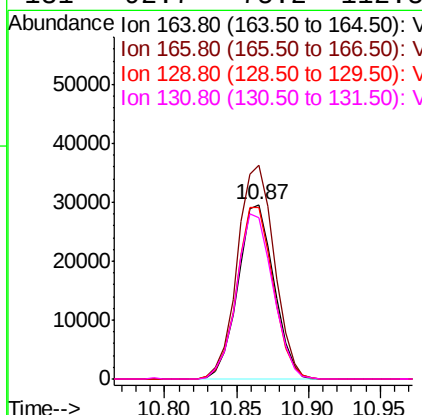
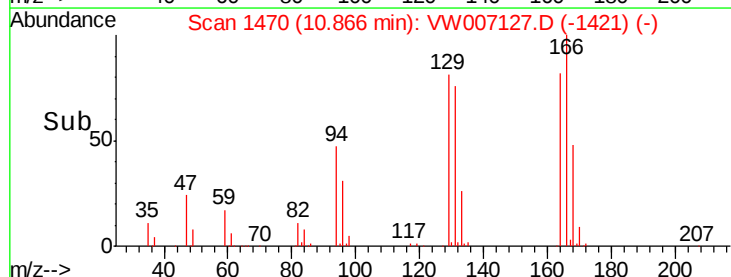
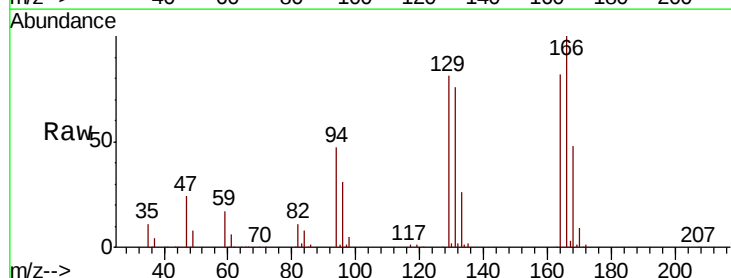
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

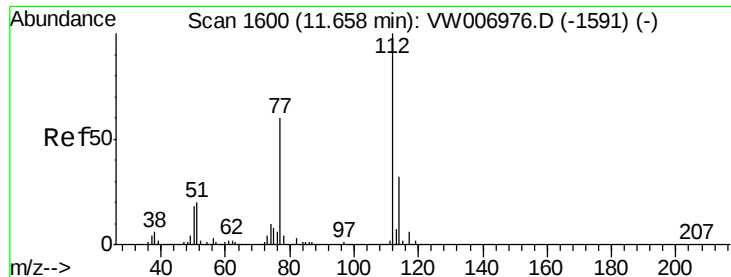
Tot Ion:117 Resp: 142912
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 55.891 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion:164 Resp: 51385
Ion Ratio Lower Upper
164 100
166 122.7 102.1 153.1
129 98.8 80.4 120.6
131 92.7 75.2 112.8

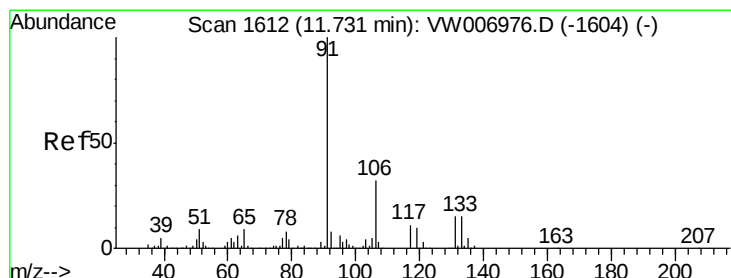
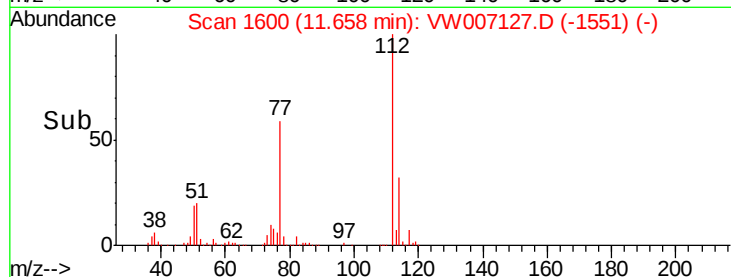
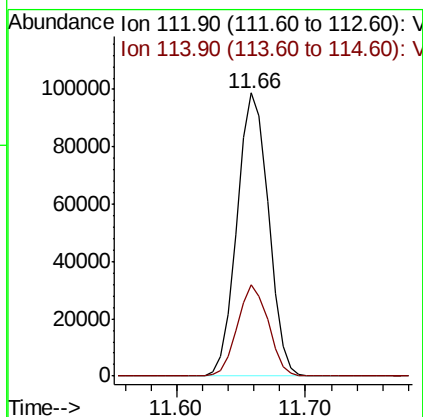
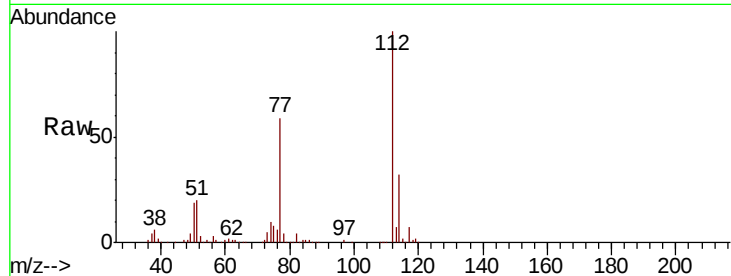




#65
Chlorobenzene
Concen: 55.925 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

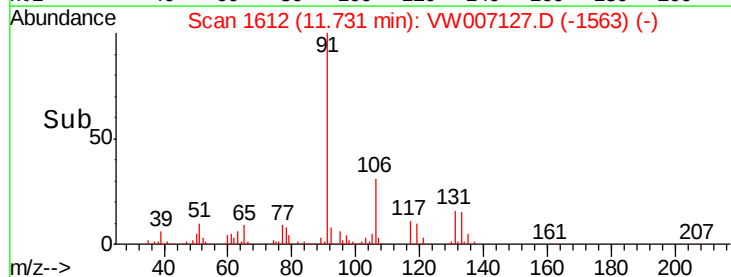
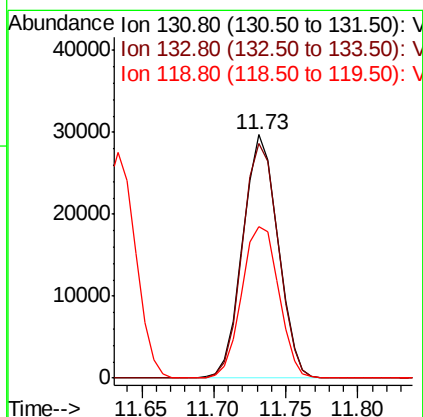
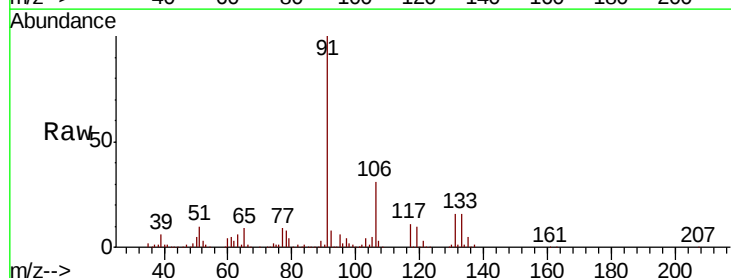
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

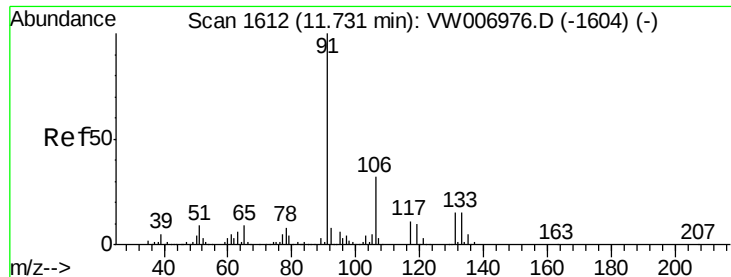
Tot Ion:112 Resp: 166812
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 55.915 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion:131 Resp: 50453
Ion Ratio Lower Upper
131 100
133 97.9 47.7 143.1
119 65.6 31.8 95.3

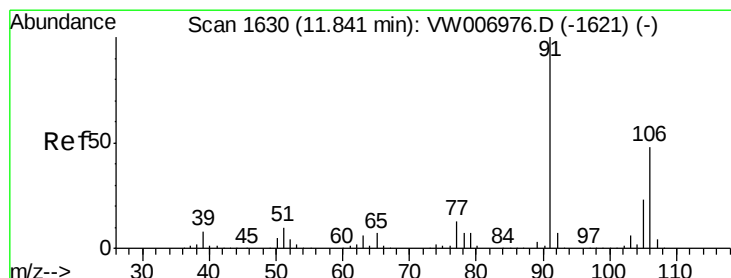
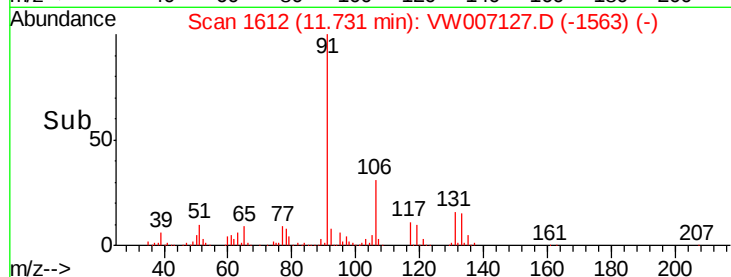
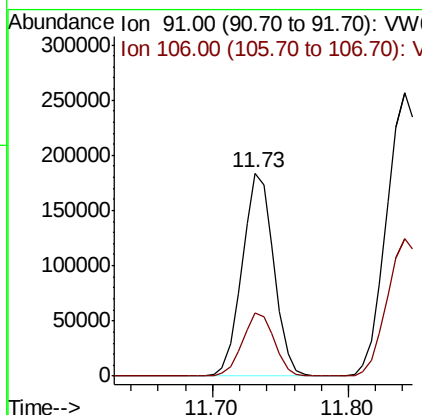
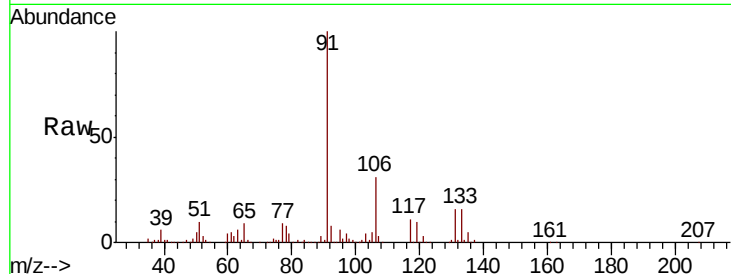




#67
Ethyl Benzene
Concen: 54.379 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

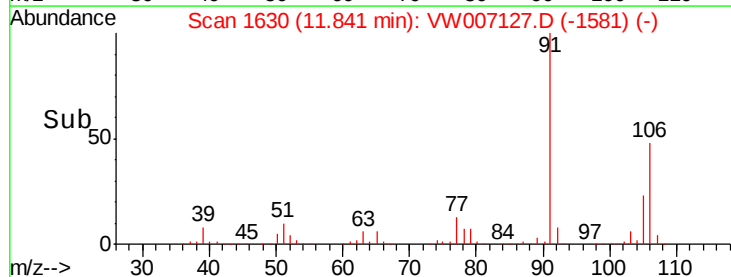
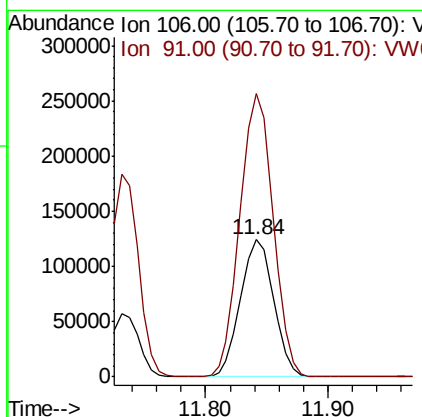
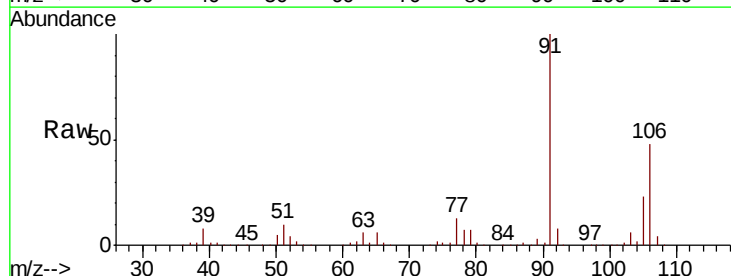
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

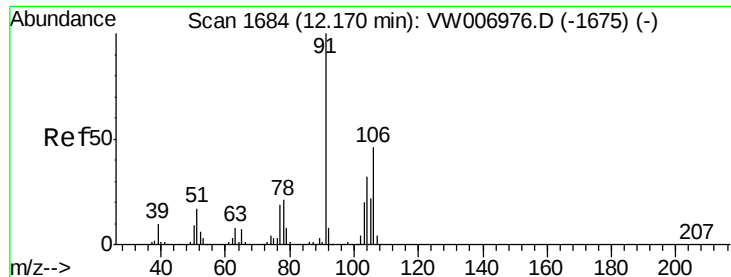
Tot Ion: 91 Resp: 297973
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 109.822 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 106 Resp: 236096
Ion Ratio Lower Upper
106 100
91 206.0 164.8 247.2

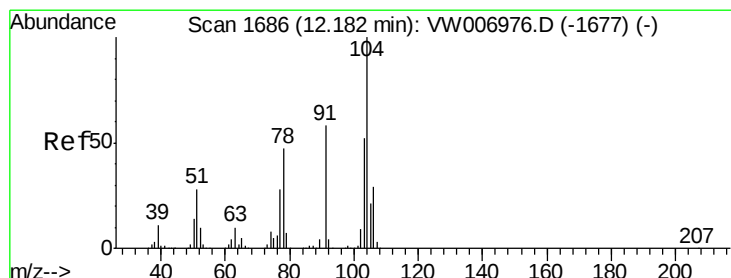
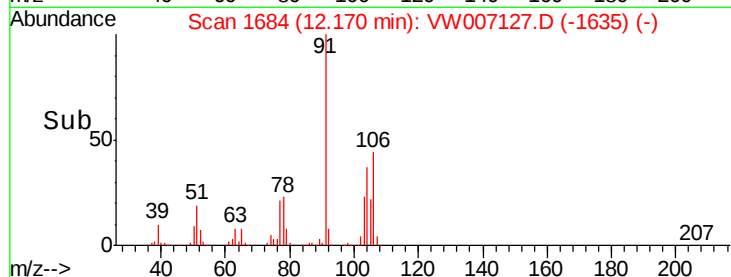
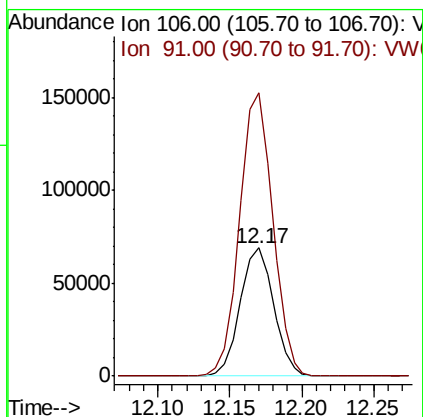
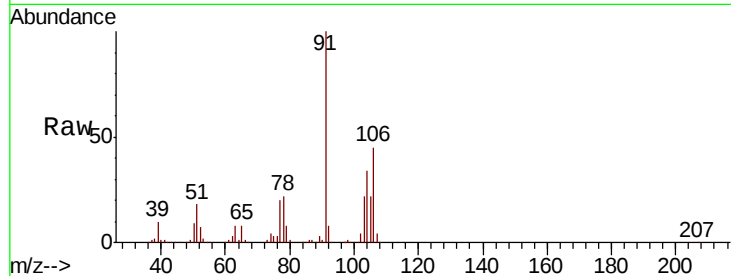




#69
o-Xylene
Concen: 54.991 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

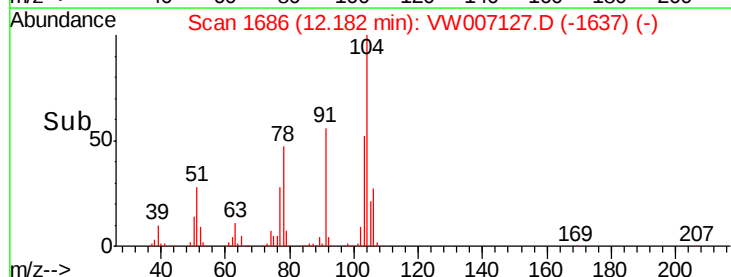
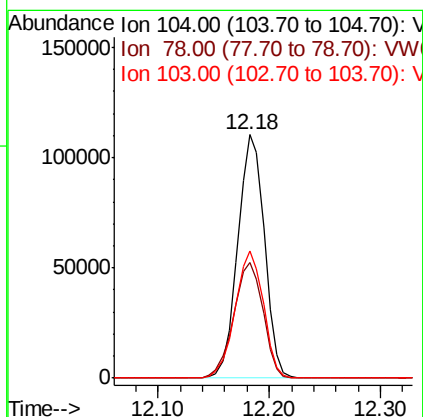
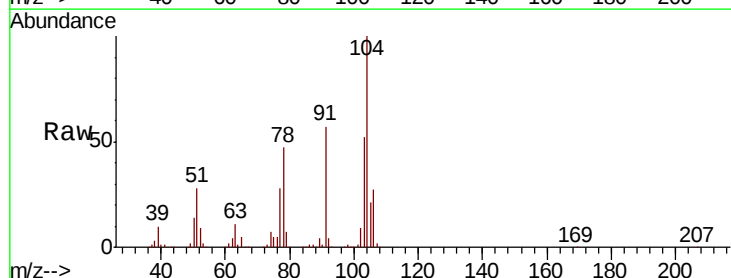
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

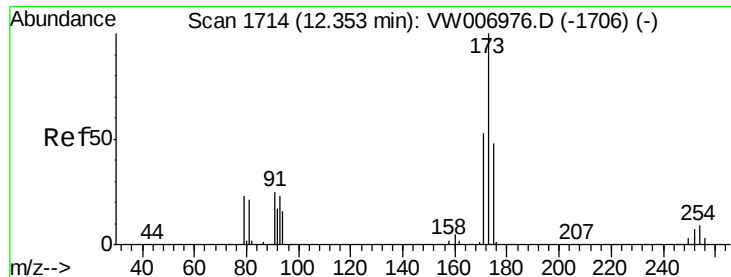
Tot Ion:106 Resp: 111472
Ion Ratio Lower Upper
106 100
91 219.2 107.9 323.8



#70
Styrene
Concen: 56.742 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion:104 Resp: 183064
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 55.3 44.4 66.6





#71

Bromoform

Concen: 58.537 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

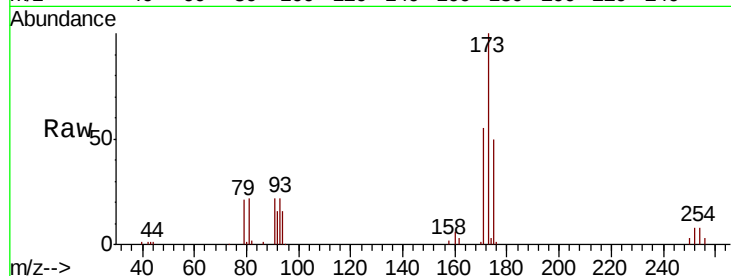
Tot Ion:173 Resp: 24882

Ion Ratio Lower Upper

173 100

175 50.3 24.0 72.0

254 0.0 0.0 0.0

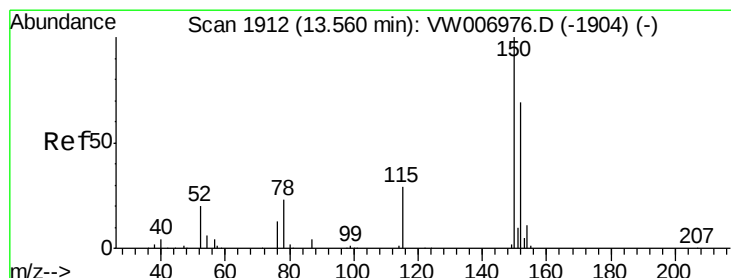
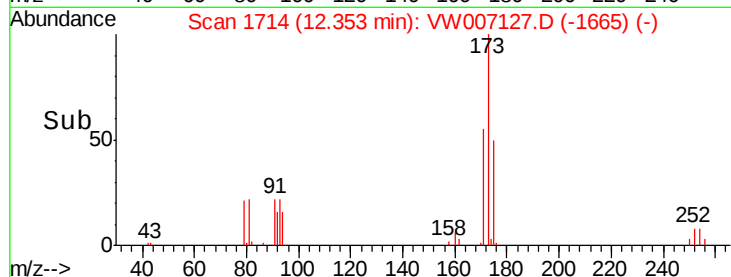
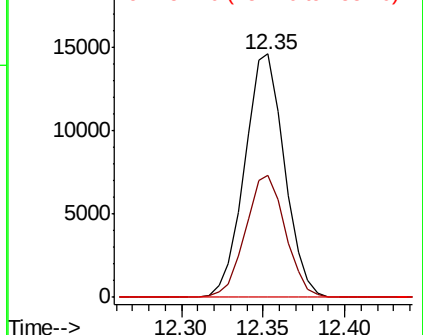


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

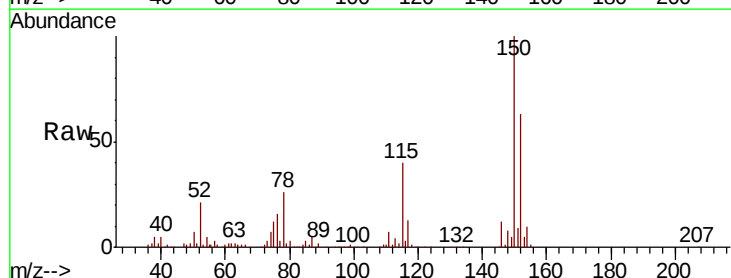
Tgt Ion:152 Resp: 75186

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

150 173.9 0.0 353.4

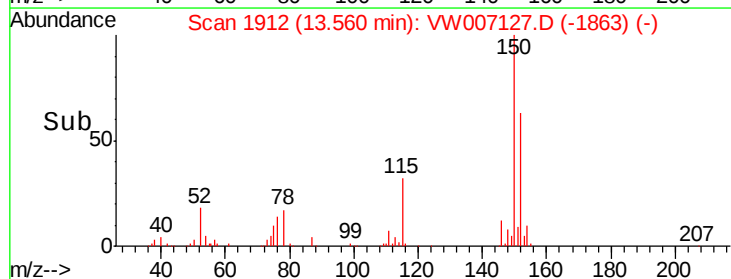
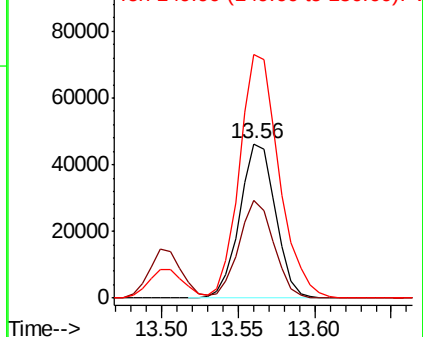


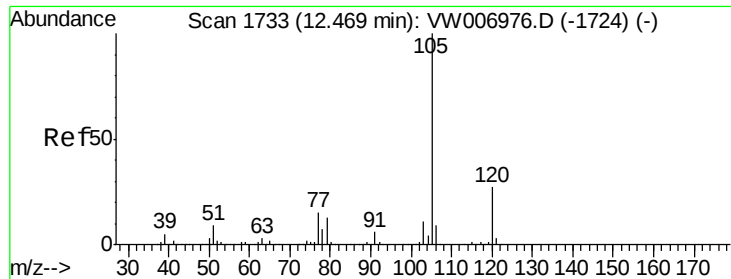
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.405 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

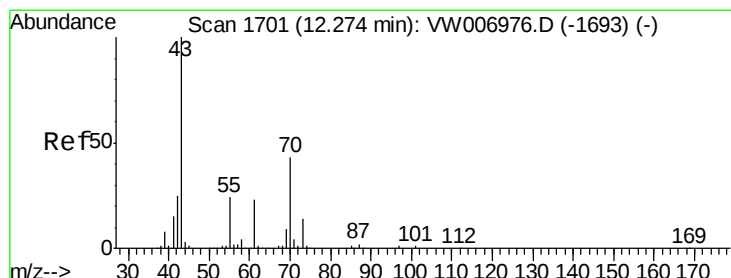
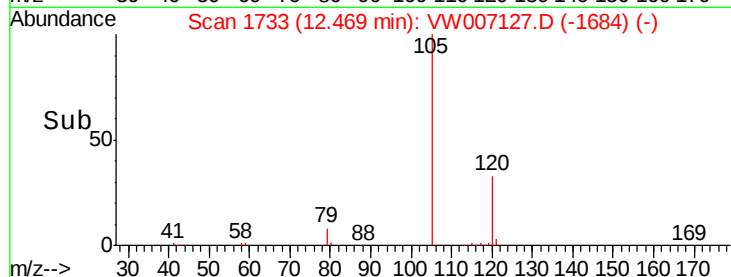
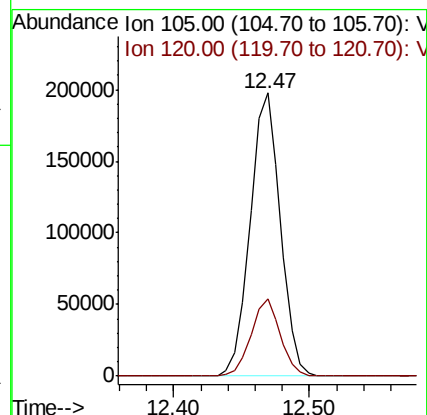
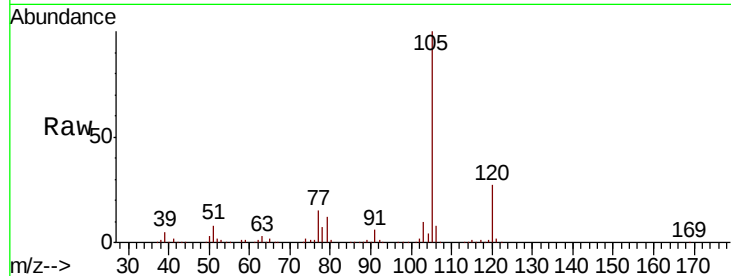
VSTDCCC050EC

Tot Ion:105 Resp: 306223

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 59.656 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Tgt Ion: 43 Resp: 58424

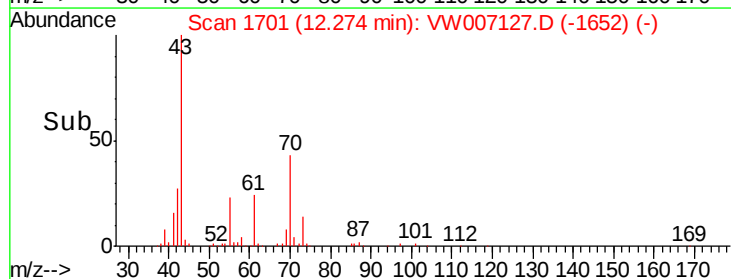
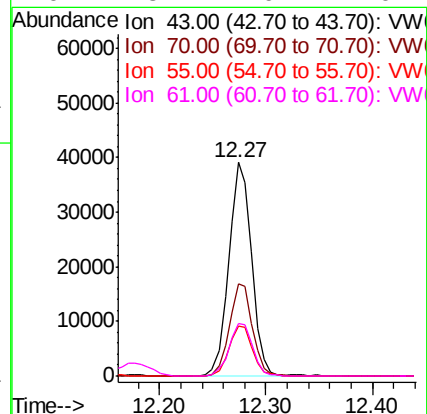
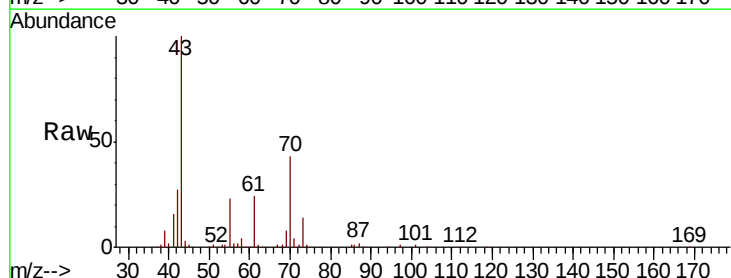
Ion Ratio Lower Upper

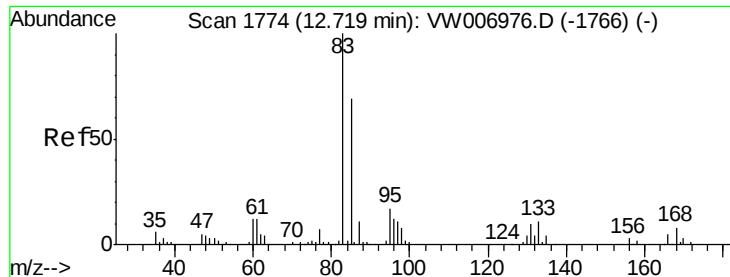
43 100

70 43.7 34.0 51.0

55 24.1 19.4 29.0

61 25.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.475 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

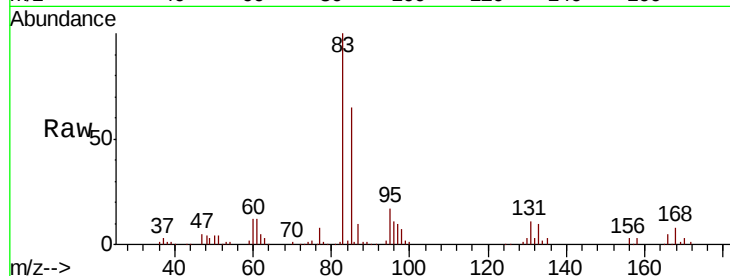
Tot Ion: 83 Resp: 42363

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.1

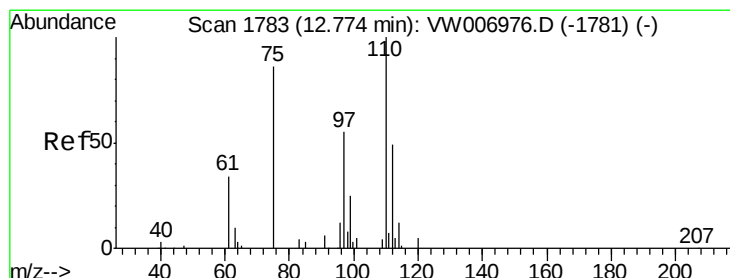
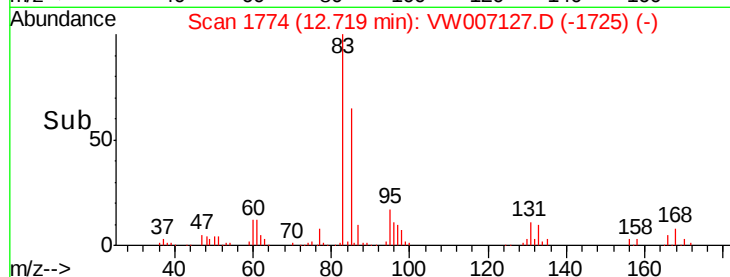
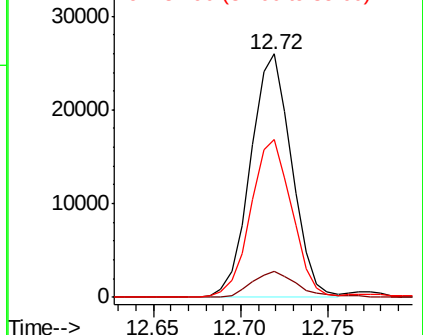
85 64.9 33.1 99.2



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: 99.630 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007127.D

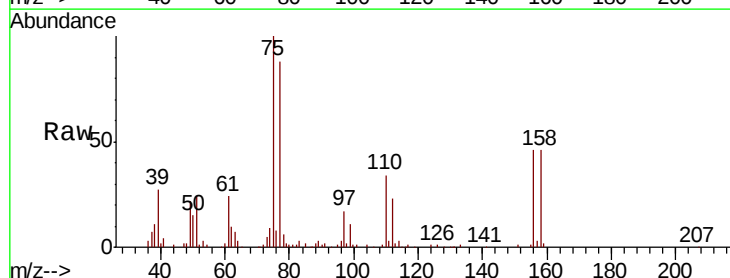
Acq: 28 Nov 2018 21:29

Tgt Ion: 75 Resp: 58862

Ion Ratio Lower Upper

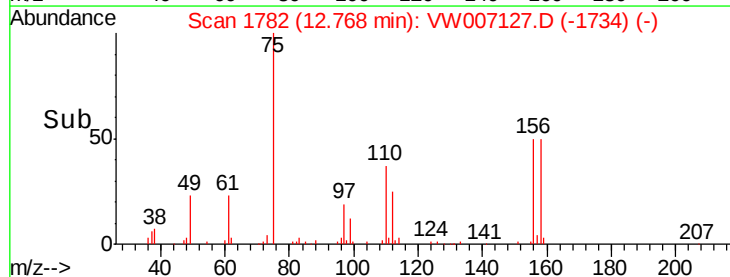
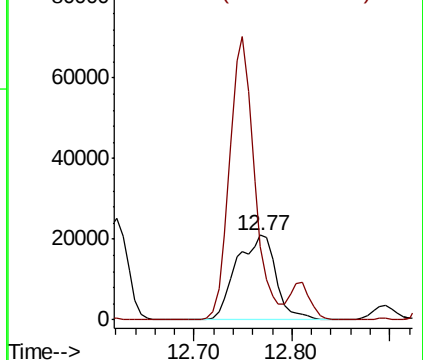
75 100

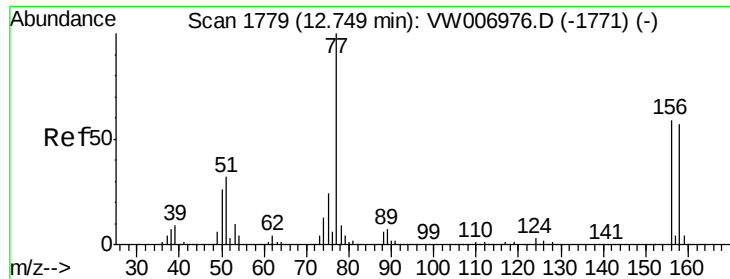
77 212.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.194 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

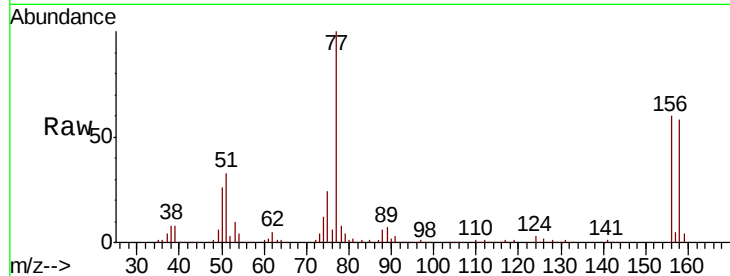
Tot Ion:156 Resp: 66761

Ion Ratio Lower Upper

156 100

77 187.7 94.6 283.8

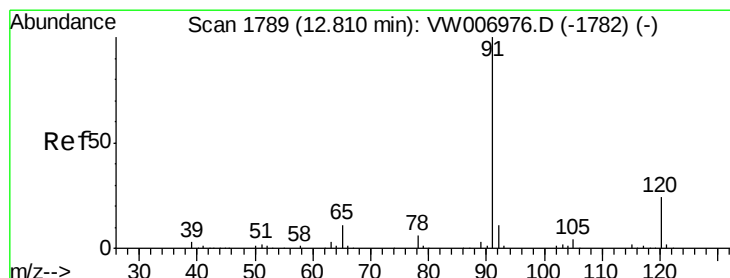
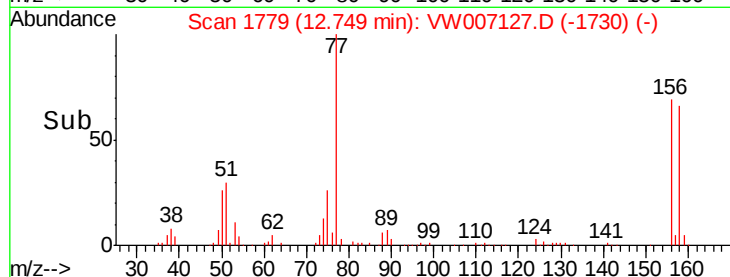
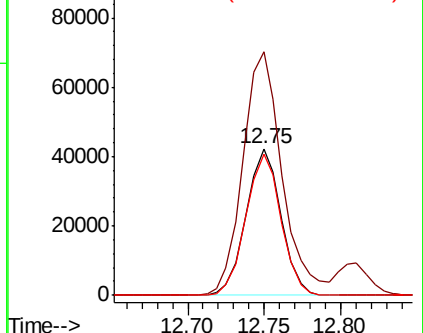
158 97.3 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.096 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007127.D

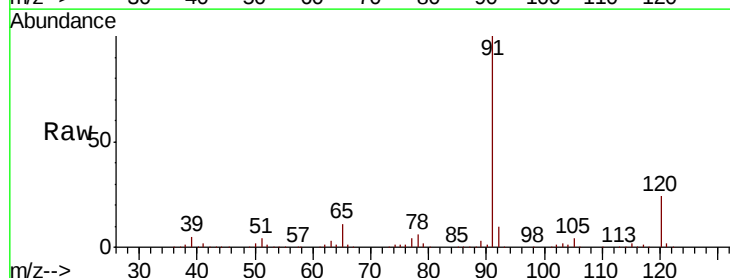
Acq: 28 Nov 2018 21:29

Tgt Ion: 91 Resp: 361659

Ion Ratio Lower Upper

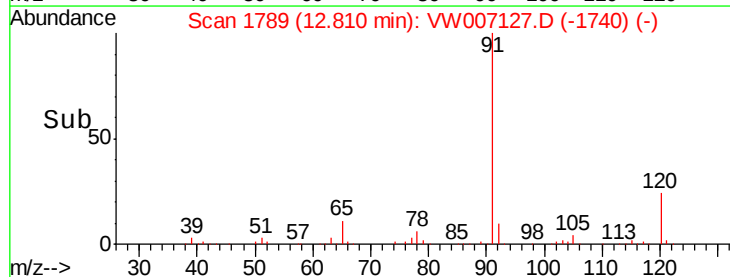
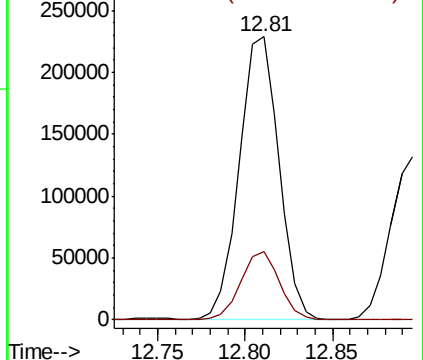
91 100

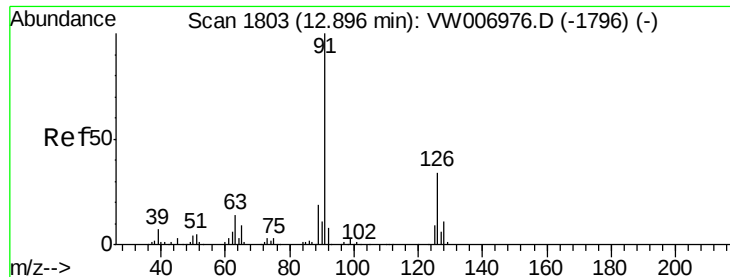
120 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

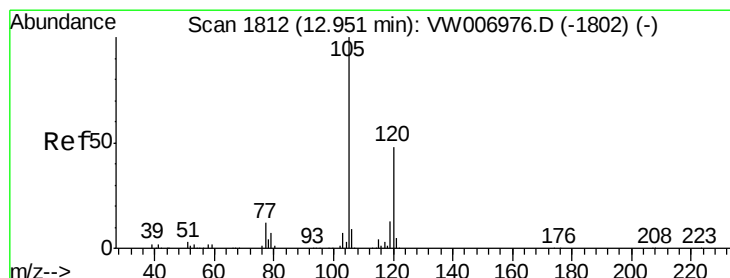
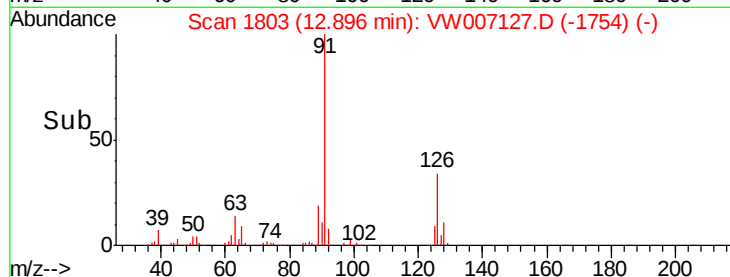
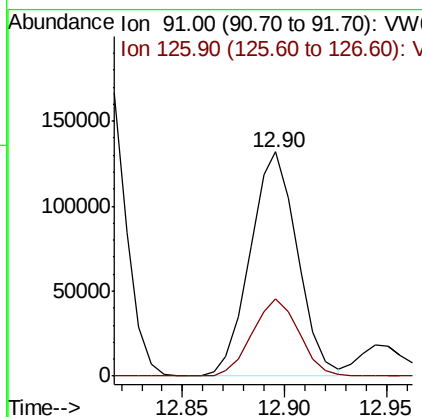
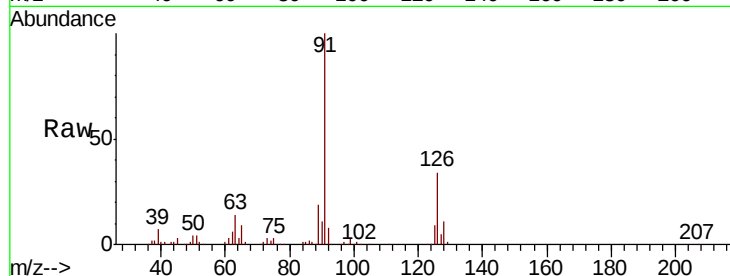




#79
2-Chlorotoluene
Concen: 52.048 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

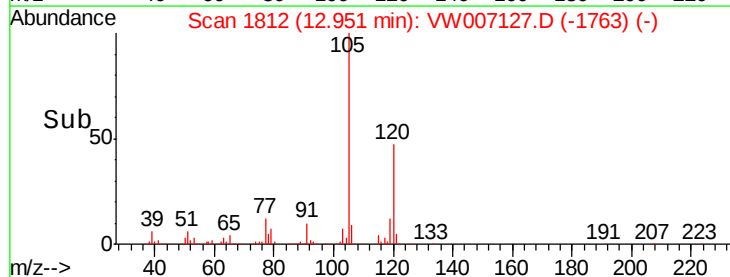
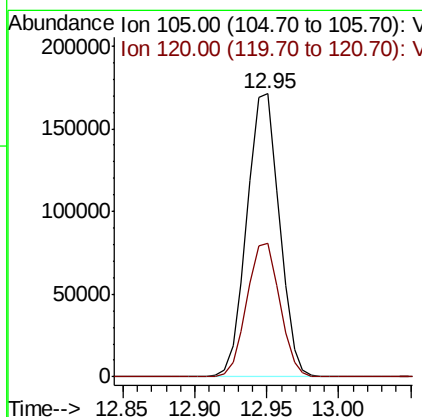
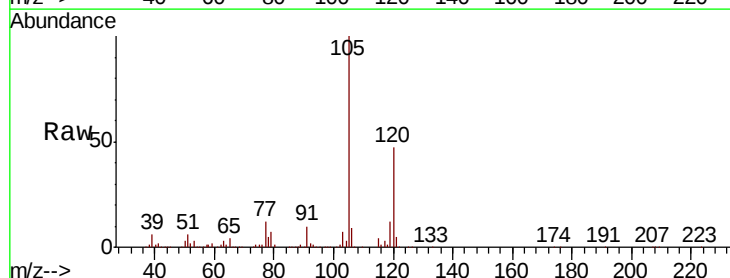
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

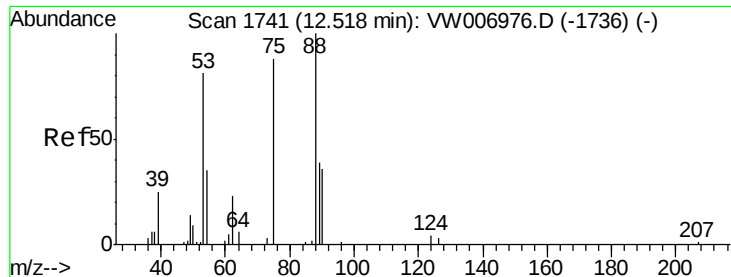
Tot Ion: 91 Resp: 212418
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 52.690 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion: 105 Resp: 266245
Ion Ratio Lower Upper
105 100
120 47.9 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 56.428 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

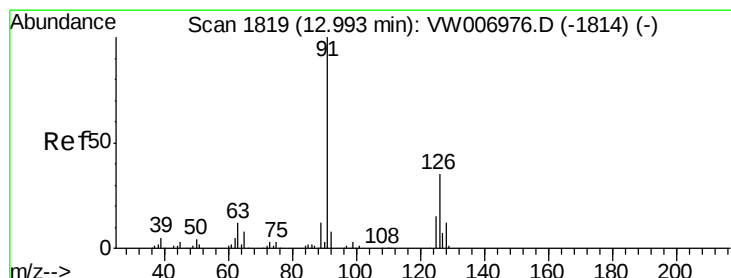
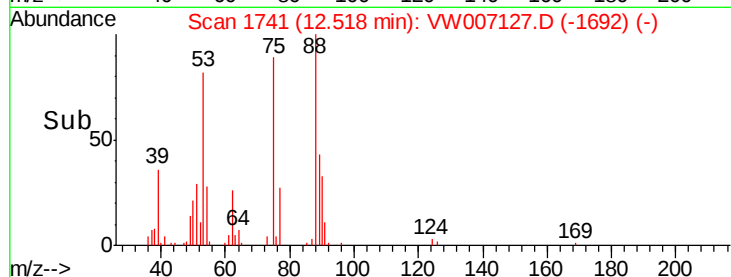
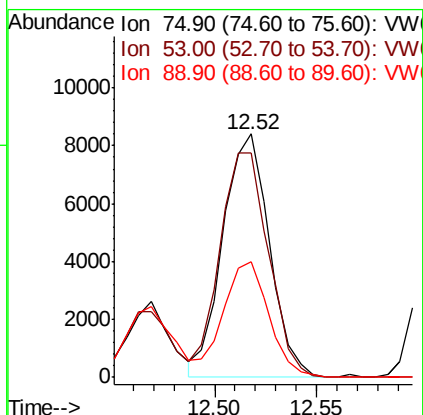
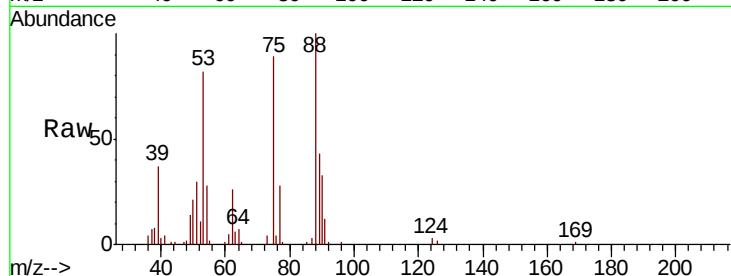
Tot Ion: 75 Resp: 13279

Ion Ratio Lower Upper

75 100

53 96.9 77.6 116.4

89 47.3 39.3 58.9



#82

4-Chlorotoluene

Concen: 52.556 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007127.D

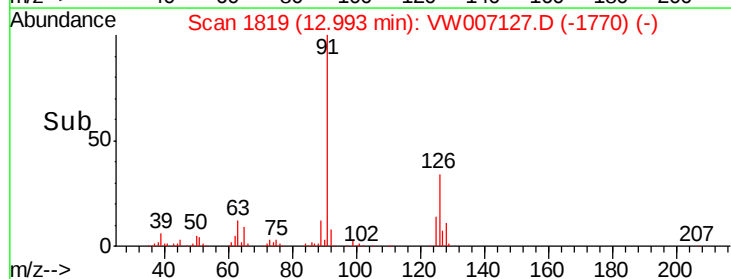
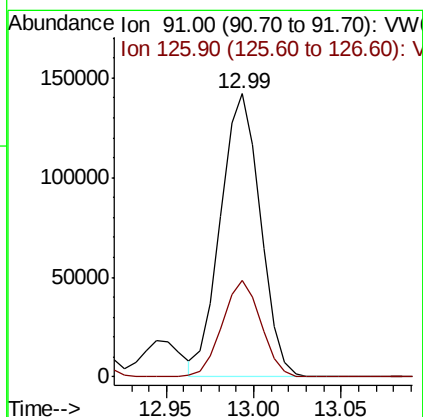
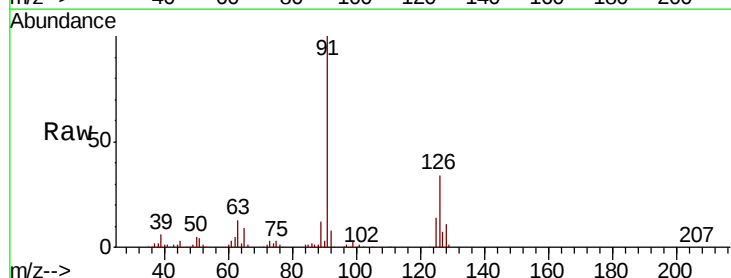
Acq: 28 Nov 2018 21:29

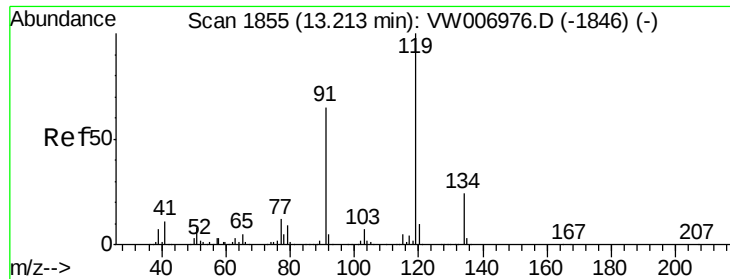
Tgt Ion: 91 Resp: 225087

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.7

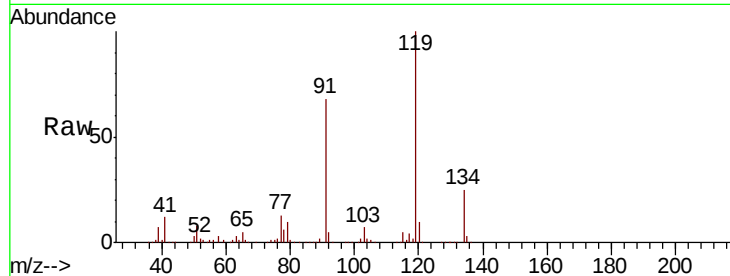




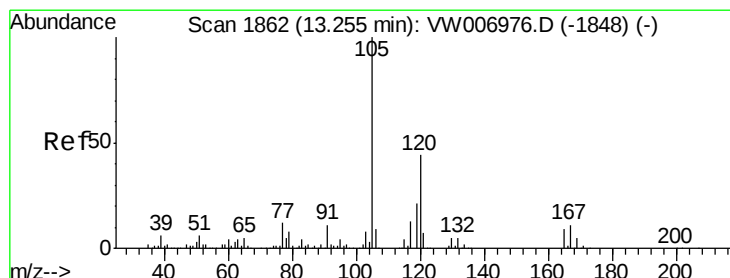
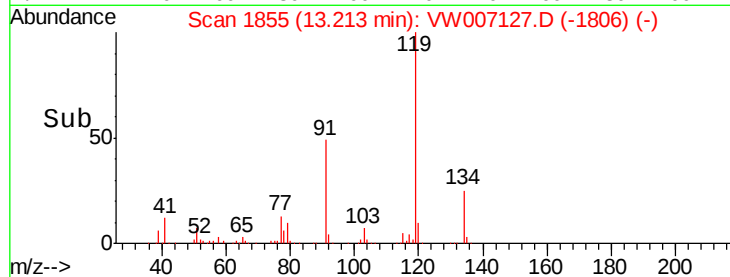
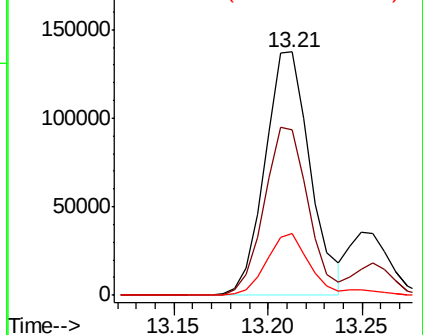
#83
tert-Butylbenzene
Concen: 52.395 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 229217
Ion Ratio Lower Upper
119 100
91 67.0 33.5 100.5
134 25.4 12.6 37.8

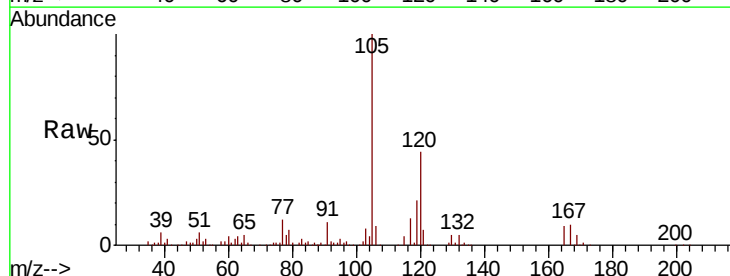


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

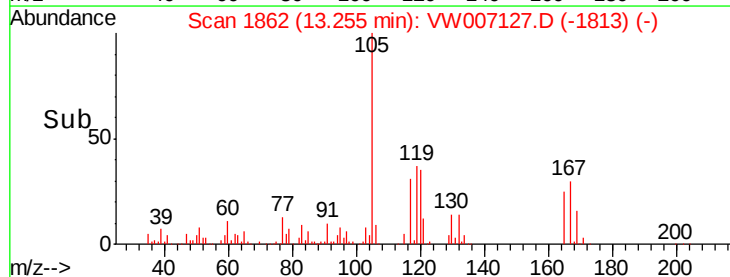
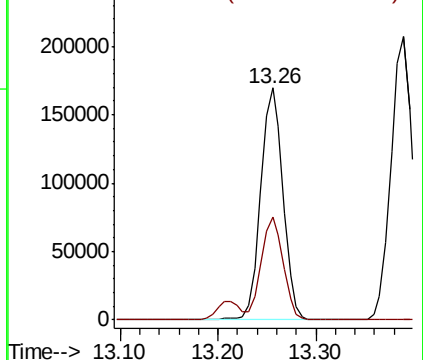


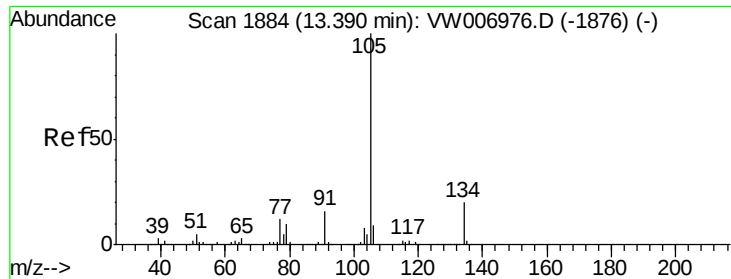
#84
1,2,4-Trimethylbenzene
Concen: 53.145 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion:105 Resp: 267551
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.3



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





#85

sec-Butylbenzene

Concen: 51.399 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

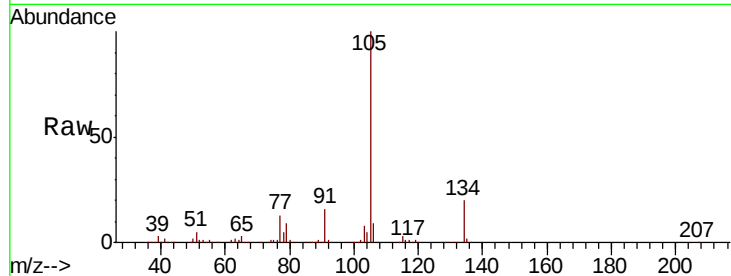
VSTDCCC050EC

Tot Ion:105 Resp: 317667

Ion Ratio Lower Upper

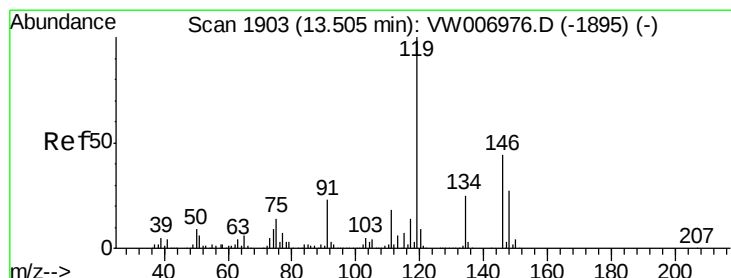
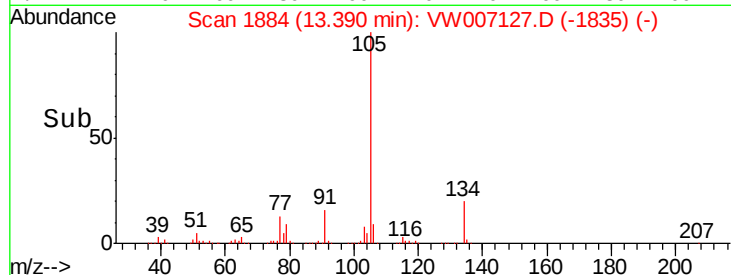
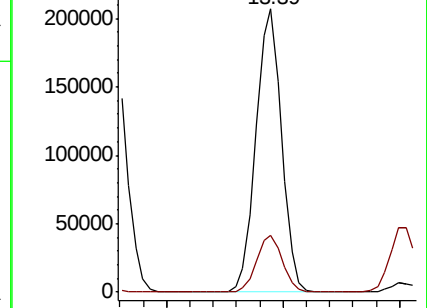
105 100

134 20.1 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.272 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

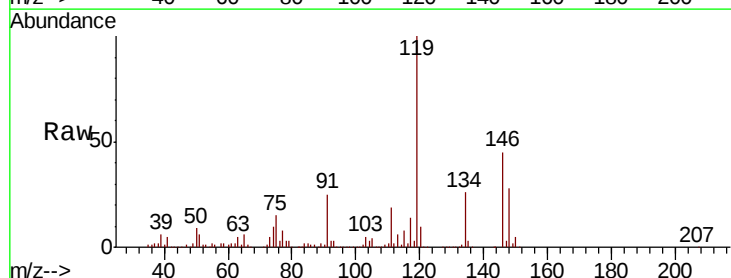
Tgt Ion:119 Resp: 285009

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

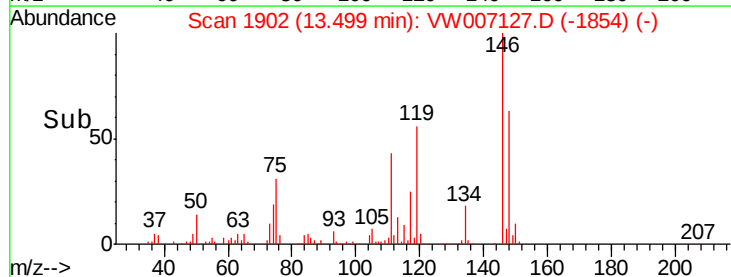
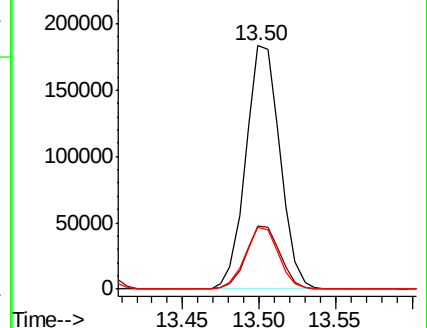
91 24.7 12.2 36.6

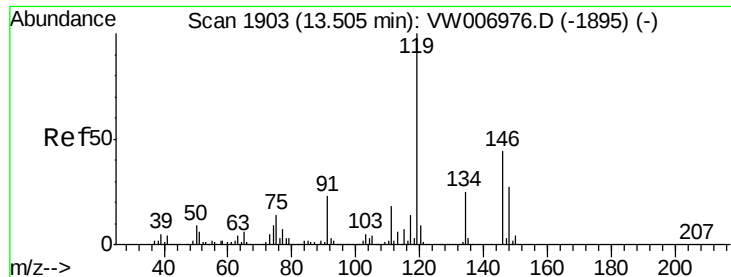


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

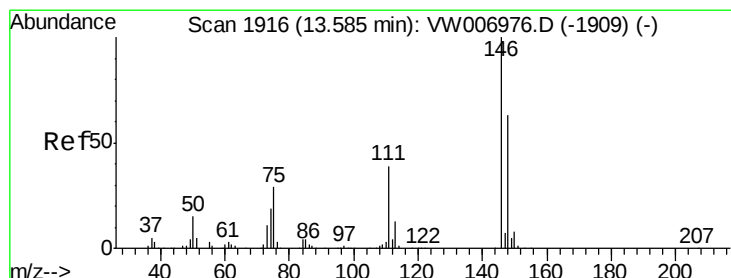
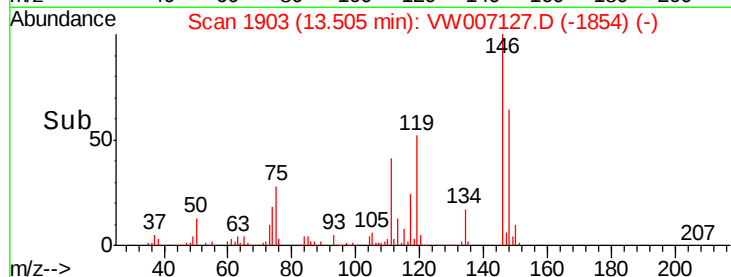
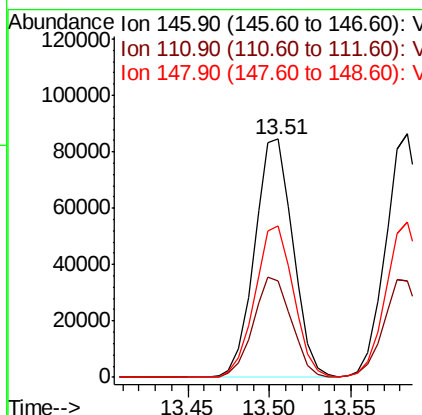
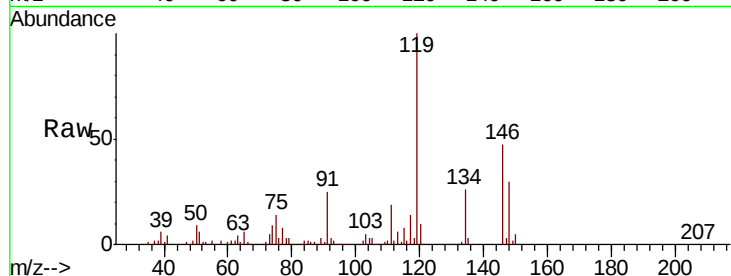




#87
 1,3-Dichlorobenzene
 Concen: 53.928 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

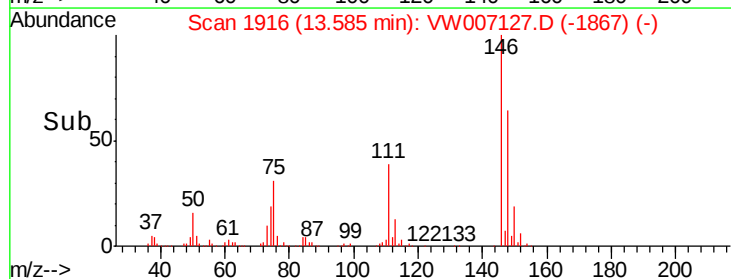
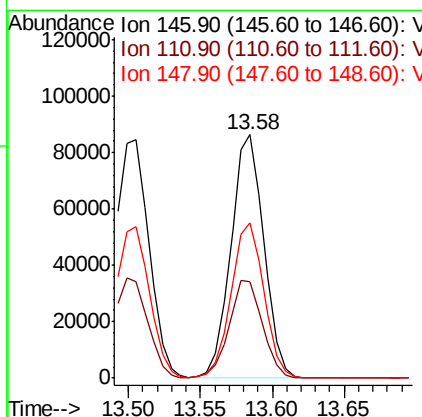
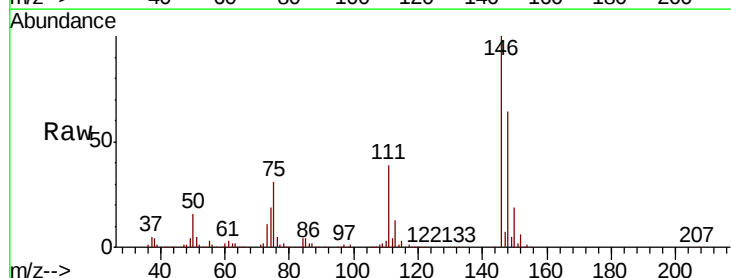
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

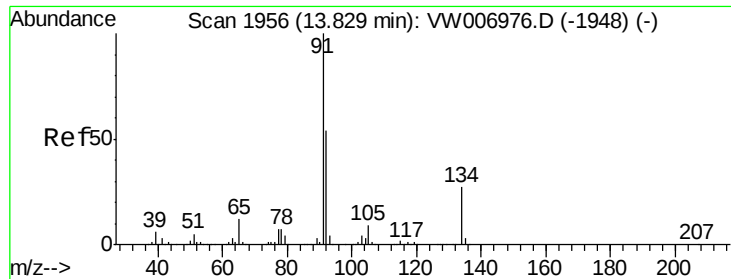
Tot Ion:146 Resp: 138175
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.3
 148 63.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 54.048 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion:146 Resp: 138072
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 52.392 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

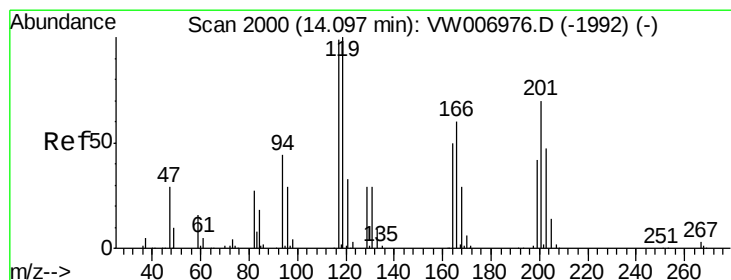
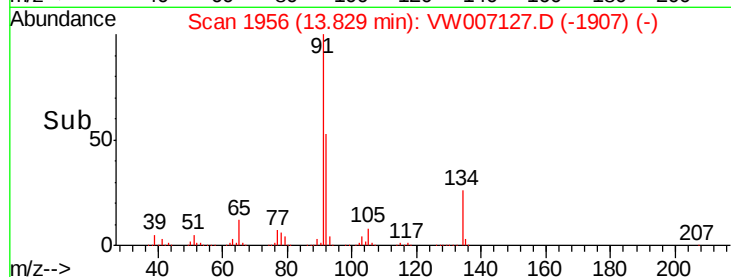
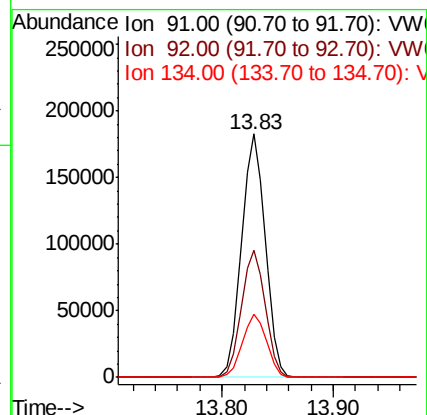
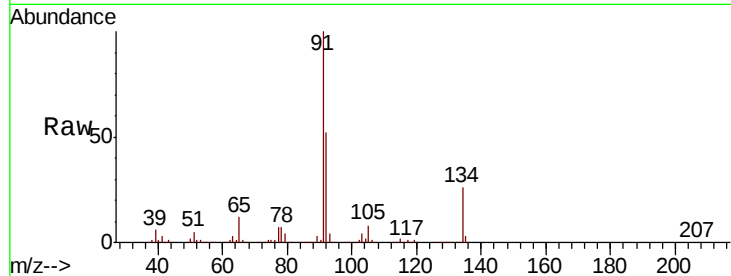
Tot Ion: 91 Resp: 268831

Ion Ratio Lower Upper

91 100

92 52.5 26.8 80.4

134 26.3 13.3 39.8



#90

Hexachloroethane

Concen: 53.727 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007127.D

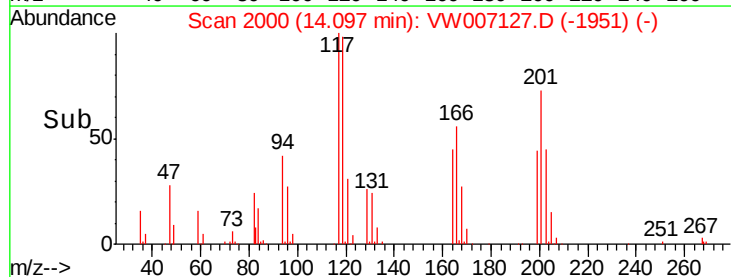
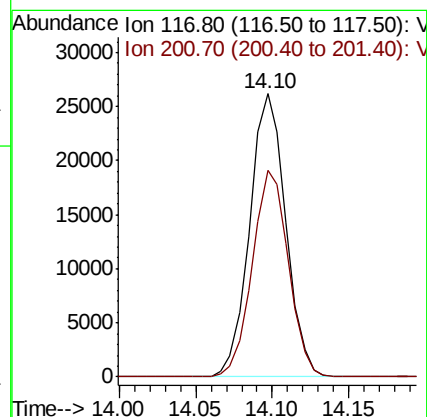
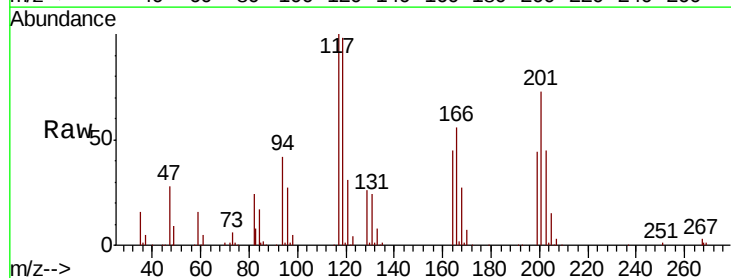
Acq: 28 Nov 2018 21:29

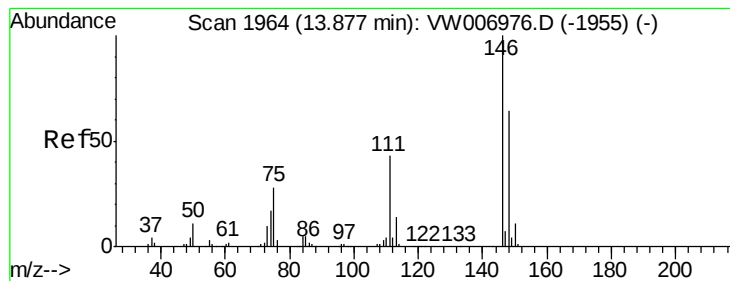
Tgt Ion: 117 Resp: 42769

Ion Ratio Lower Upper

117 100

201 73.3 35.9 107.5





#91

1,2-Dichlorobenzene

Concen: 54.702 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

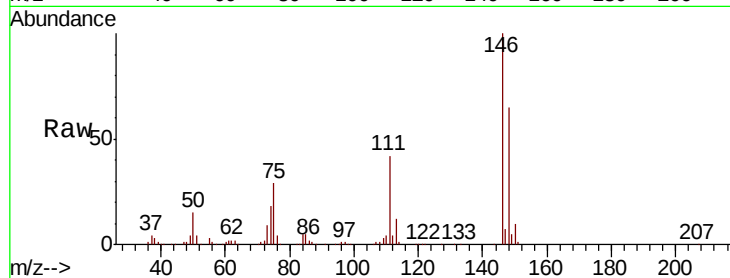
Tot Ion:146 Resp: 122811

Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.7

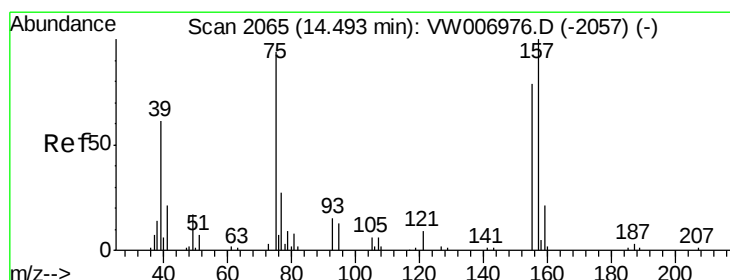
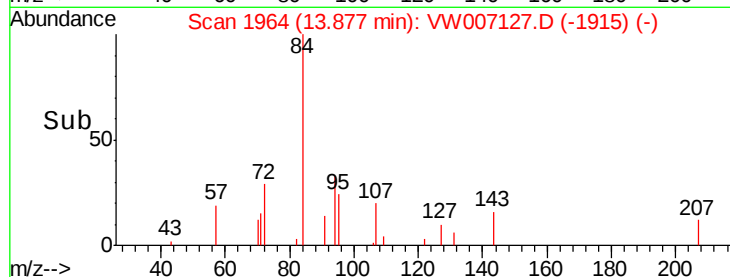
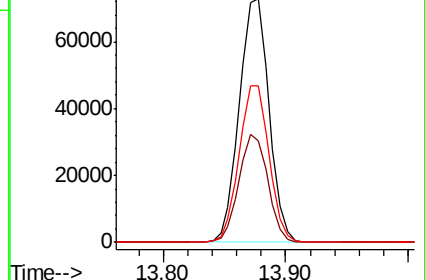
148 64.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.419 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW007127.D

Acq: 28 Nov 2018 21:29

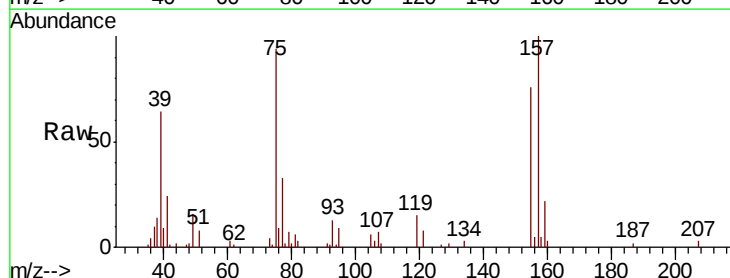
Tgt Ion: 75 Resp: 7804

Ion Ratio Lower Upper

75 100

155 80.0 42.6 127.8

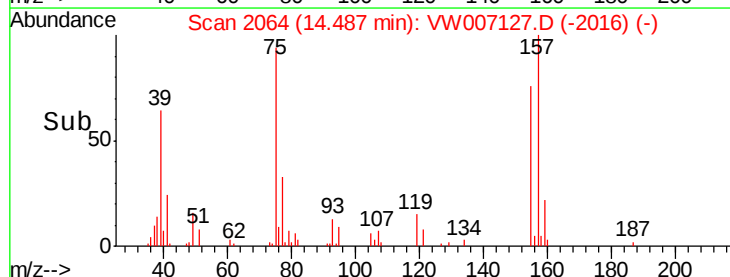
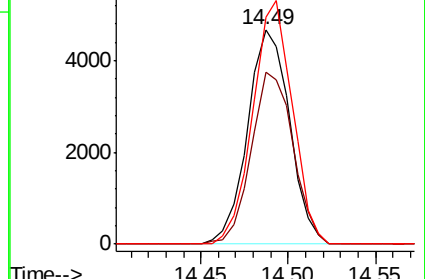
157 107.0 55.0 165.0

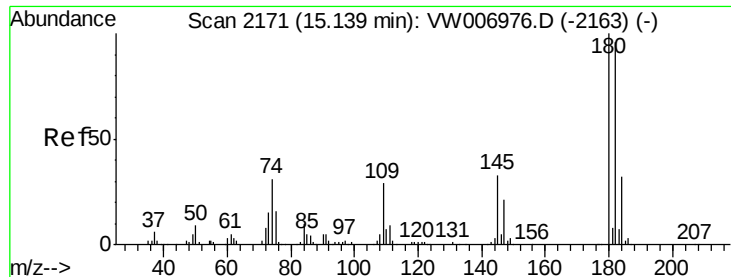


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

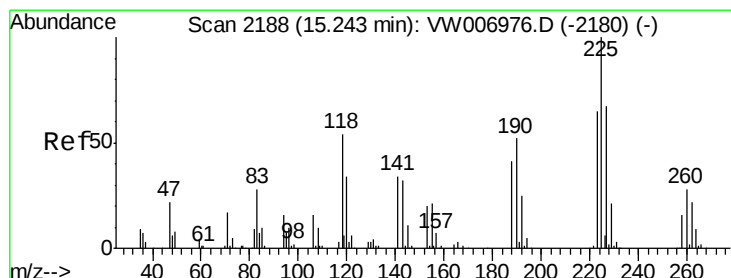
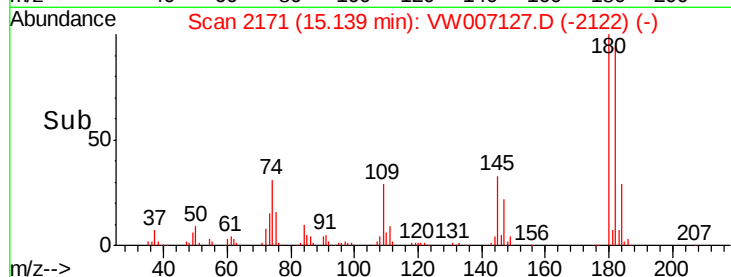
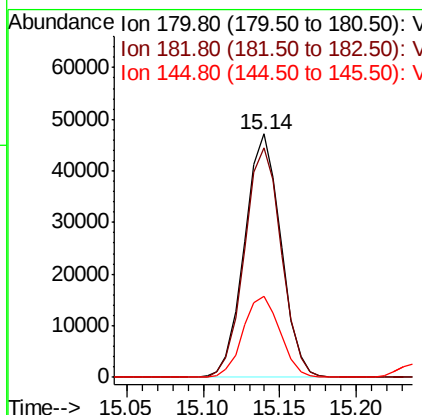
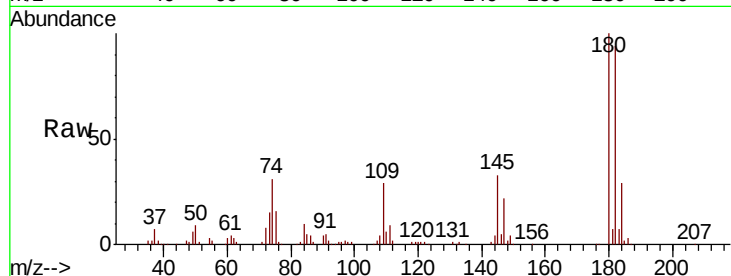




#93
 1,2,4-Trichlorobenzene
 Concen: 52.616 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

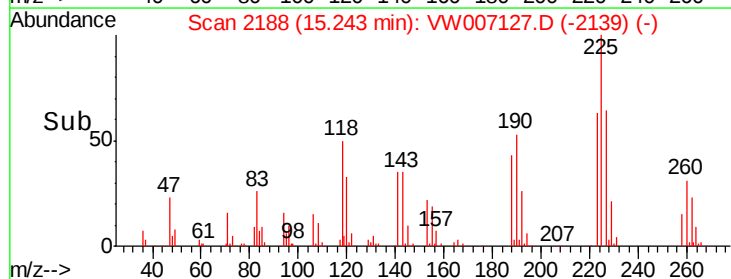
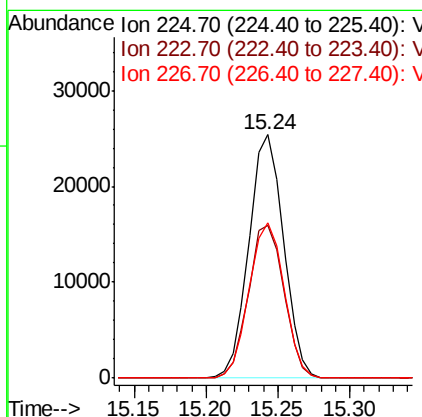
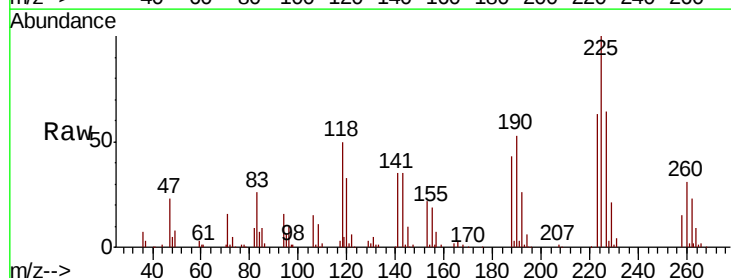
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

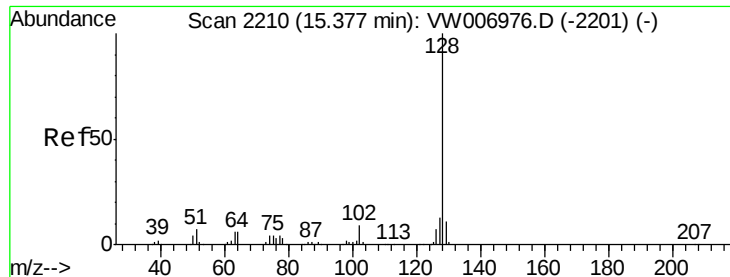
Tot Ion:180 Resp: 77895
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.1 141.3
 145 33.8 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 52.677 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007127.D
 Acq: 28 Nov 2018 21:29

Tgt Ion:225 Resp: 42395
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.4 97.0
 227 64.4 31.9 95.5

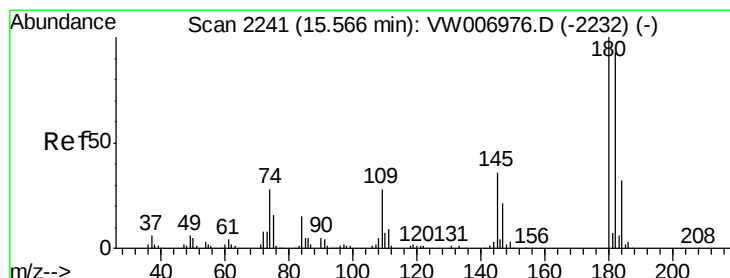
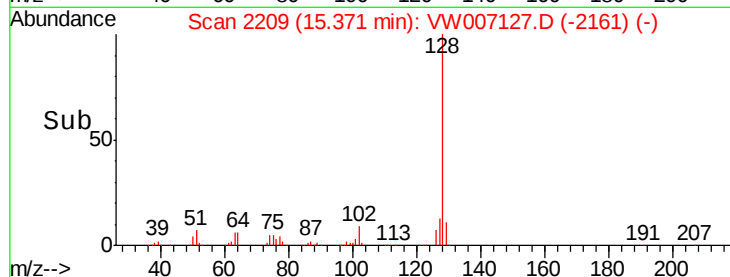
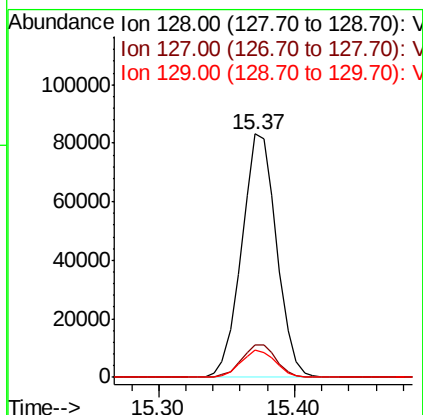
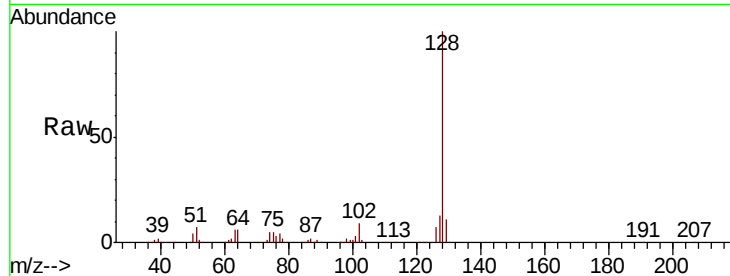




#95
Naphthalene
Concen: 55.440 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.425 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007127.D
Acq: 28 Nov 2018 21:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	35.6	18.0	54.0

