

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010425.D
 Acq On : 17 May 2019 21:53
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: May 18 00:01:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	713399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1292249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1152566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	558011	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	436442	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
35) Dibromofluoromethane	7.88	113	413215	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.32	98	1550082	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.62	95	601475	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	246863	49.219	ug/l	97
3) Chloromethane	2.20	50	370431	50.810	ug/l	100
4) Vinyl Chloride	2.35	62	386293	45.196	ug/l	98
5) Bromomethane	2.75	94	248137	57.837	ug/l	98
6) Chloroethane	2.90	64	256305	48.110	ug/l	92
7) Trichlorofluoromethane	3.25	101	555194	46.839	ug/l	99
8) Diethyl Ether	3.68	74	216226	51.285	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	356209	47.216	ug/l	99
10) Methyl Iodide	4.26	142	417809	49.522	ug/l	99
11) Tert butyl alcohol	5.18	59	205769	289.939	ug/l	99
12) 1,1-Dichloroethene	4.03	96	335167	47.110	ug/l	98
13) Acrolein	3.89	56	118152	263.525	ug/l	100
14) Allyl chloride	4.67	41	534917	48.470	ug/l	100
15) Acrylonitrile	5.37	53	495074	274.638	ug/l	99
16) Acetone	4.12	43	377666	274.028	ug/l	95
17) Carbon Disulfide	4.37	76	941398	46.338	ug/l	99
18) Methyl Acetate	4.67	43	220982	51.308	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	1080145	52.931	ug/l	98
20) Methylene Chloride	4.91	84	380935	52.904	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	406613	49.003	ug/l	99
22) Diisopropyl ether	6.31	45	1202111	51.037	ug/l	99
23) Vinyl Acetate	6.25	43	3829566	260.636	ug/l	100
24) 1,1-Dichloroethane	6.21	63	669706	49.112	ug/l	99
25) 2-Butanone	7.17	43	657032	279.666	ug/l	98
26) 2,2-Dichloropropane	7.17	77	547768	44.514	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	466458	50.126	ug/l	99
28) Bromochloromethane	7.51	49	293811	57.348	ug/l	98
29) Tetrahydrofuran	7.53	42	450515	283.369	ug/l	99
30) Chloroform	7.68	83	724881	50.542	ug/l	100
31) Cyclohexane	7.95	56	599461	49.796	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	661887	48.942	ug/l	99
36) 1,1-Dichloropropene	8.08	75	538472	47.068	ug/l	99
37) Ethyl Acetate	7.25	43	303442	55.281	ug/l	99
38) Carbon Tetrachloride	8.07	117	583969	47.299	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	703651	46.058	ug/l	97
40) Benzene	8.32	78	1586020	48.577	ug/l	98
41) Methacrylonitrile	7.49	41	173233	52.703	ug/l	91
42) 1,2-Dichloroethane	8.40	62	497218	51.111	ug/l	99
43) Isopropyl Acetate	8.42	43	600361	53.709	ug/l	100
44) Trichloroethene	9.09	130	456676	48.820	ug/l	99
45) 1,2-Dichloropropane	9.37	63	400542	50.115	ug/l	98
46) Dibromomethane	9.46	93	243289	51.530	ug/l	98
47) Bromodichloromethane	9.65	83	594030	50.632	ug/l	97
48) Methyl methacrylate	9.43	41	271177	52.648	ug/l	99
49) 1,4-Dioxane	9.45	88	77781	1113.167	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1546304	270.438	ug/l	100
52) Toluene	10.39	92	1038801	47.905	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	607151	50.178	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	675985	49.278	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	353788	51.936	ug/l	97
56) Ethyl methacrylate	10.65	69	496244	52.207	ug/l	99
57) 1,3-Dichloropropane	10.93	76	590988	51.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1220609	267.253	ug/l	99
59) 2-Hexanone	10.97	43	1080560	271.395	ug/l	99
60) Dibromochloromethane	11.13	129	435775	51.552	ug/l	100
61) 1,2-Dibromoethane	11.24	107	358374	51.910	ug/l	98
64) Tetrachloroethene	10.86	164	403918	53.281	ug/l	99
65) Chlorobenzene	11.66	112	1149552	49.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	437668	50.640	ug/l	99
67) Ethyl Benzene	11.73	91	1974326	47.889	ug/l	100
68) m/p-Xylenes	11.84	106	1546634	95.849	ug/l	99
69) o-Xylene	12.16	106	751323	48.845	ug/l	100
70) Styrene	12.18	104	1304743	49.264	ug/l	99
71) Bromoform	12.35	173	260102	53.412	ug/l #	99
73) Isopropylbenzene	12.46	105	1972984	45.726	ug/l	100
74) N-amyl acetate	12.27	43	565809	51.170	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	427539	50.030	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	549446	91.953	ug/l #	100
77) Bromobenzene	12.75	156	479457	49.188	ug/l	99
78) n-propylbenzene	12.80	91	2272612	45.406	ug/l	100
79) 2-Chlorotoluene	12.89	91	1368877	46.835	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1716220	46.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	142756	47.145	ug/l	99
82) 4-Chlorotoluene	12.99	91	1427622	46.769	ug/l	99
83) tert-Butylbenzene	13.21	119	1448307	46.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1704447	47.172	ug/l	100
85) sec-Butylbenzene	13.38	105	2020593	46.199	ug/l	100
86) p-Isopropyltoluene	13.50	119	1828758	46.285	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	892043	47.520	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	915183	48.978	ug/l	98
89) n-Butylbenzene	13.83	91	1715670	45.511	ug/l	100
90) Hexachloroethane	14.10	117	374376	47.103	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	848403	49.708	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	84409	53.080	ug/l	97

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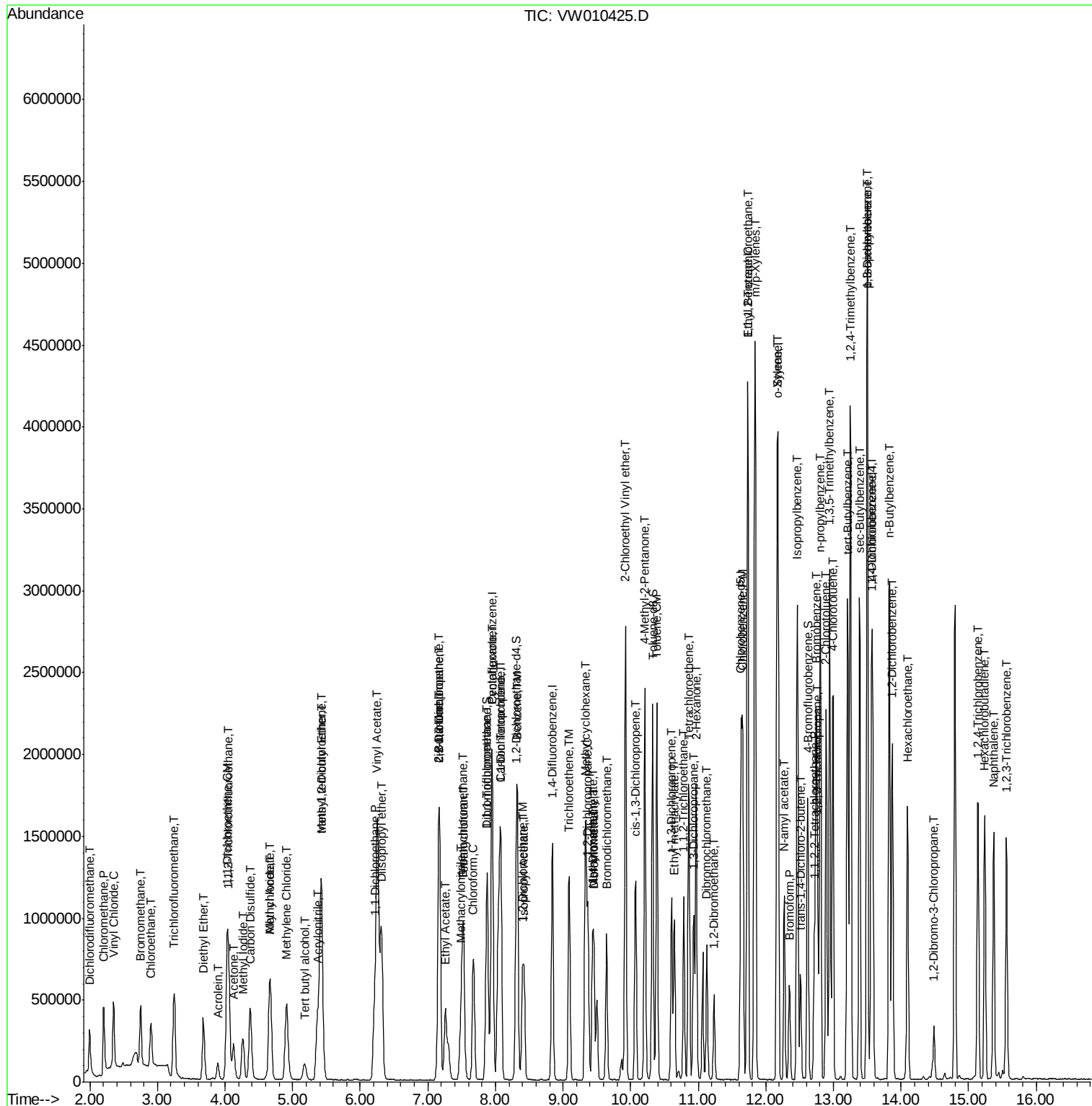
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

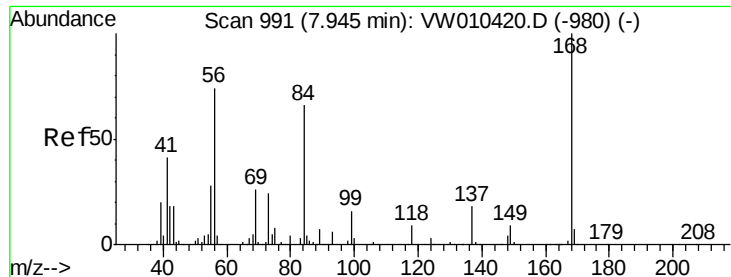
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Quant Title : SW846 8260
QLast Update : Fri May 17 23:49:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	548784	49.323	ug/l	100
94) Hexachlorobutadiene	15.24	225	284021	47.815	ug/l	98
95) Naphthalene	15.37	128	1323794	52.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	501181	51.089	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010425.D

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Instrument :

MSVOA_W

ClientSampleId :

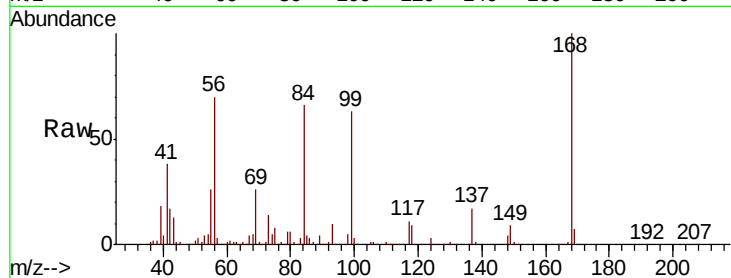
VSTDCCC050

Tgt Ion:168 Resp: 713399

Ion Ratio Lower Upper

168 100

99 62.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

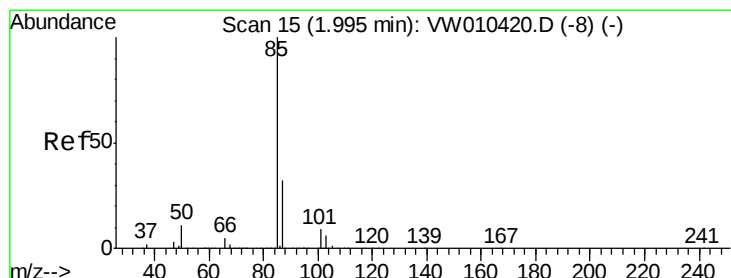
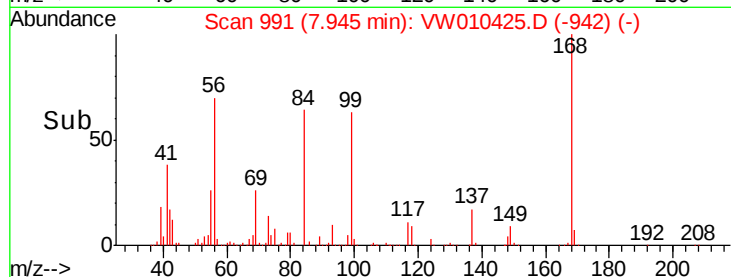
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 49.219 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010425.D

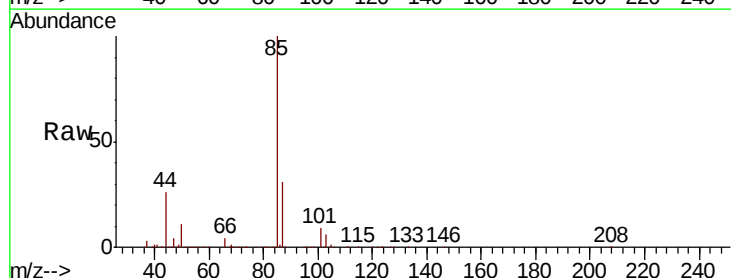
Acq: 17 May 2019 21:53

Tgt Ion: 85 Resp: 246863

Ion Ratio Lower Upper

85 100

87 30.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

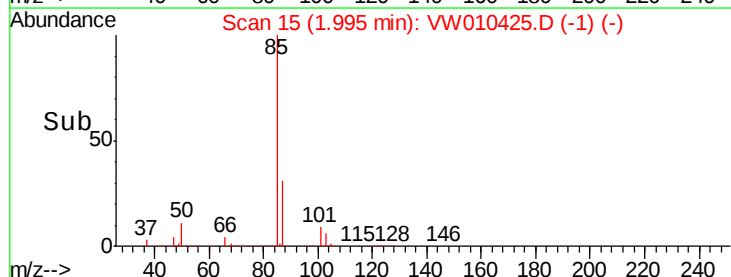
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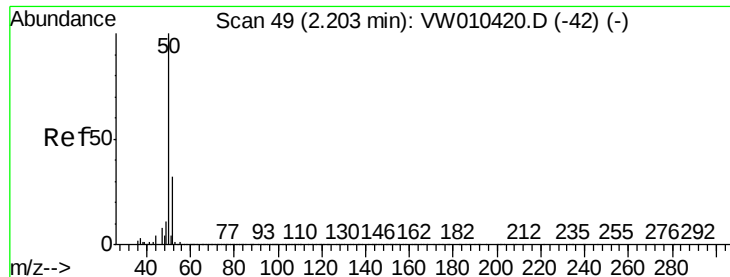
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50000

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Time--> 1.90 2.00 2.10

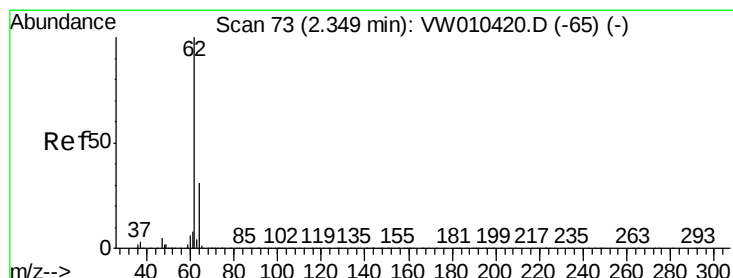
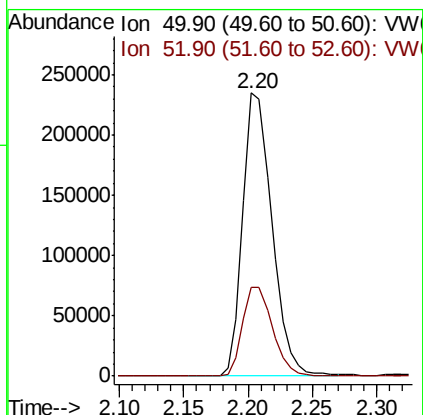
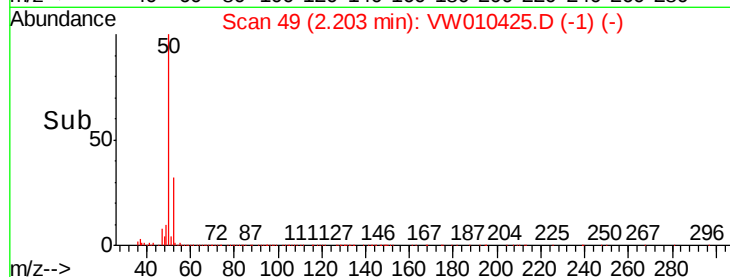
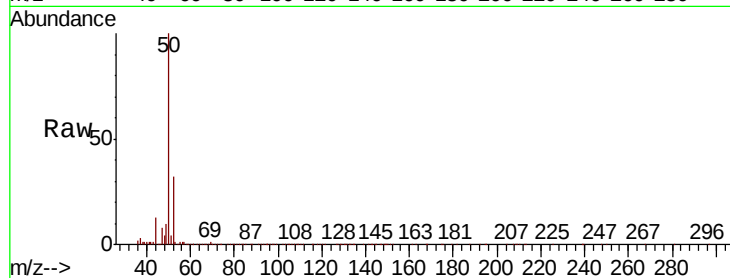




#3
Chloromethane
Concen: 50.810 ug/l
RT: 2.20 min Scan# 49
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

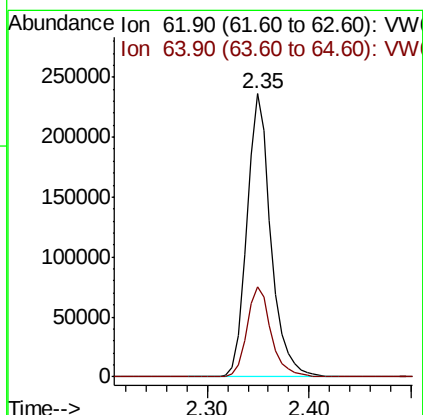
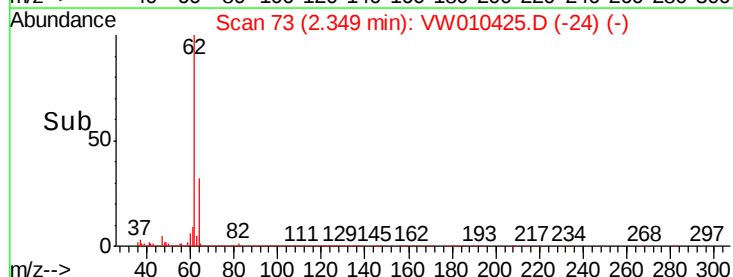
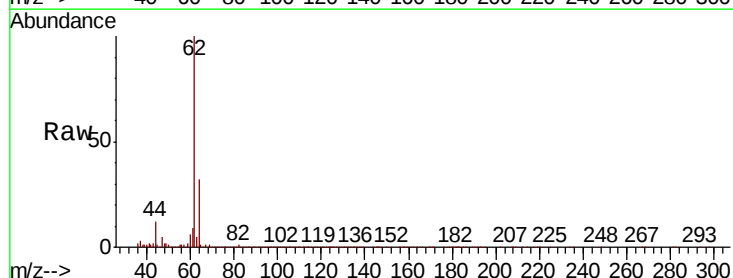
Instrument :
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VSTDCCC050

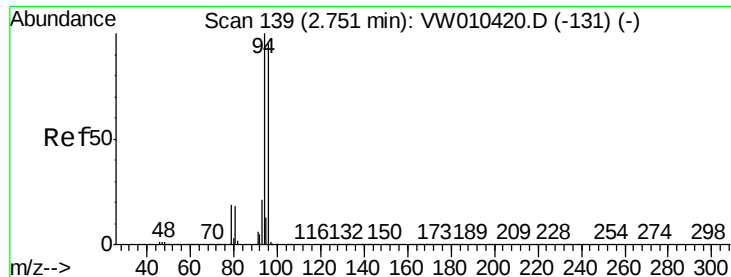
Tgt Ion: 50 Resp: 370431
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0



#4
Vinyl Chloride
Concen: 45.196 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 62 Resp: 386293
Ion Ratio Lower Upper
62 100
64 31.6 24.4 36.6





#5

Bromomethane

Concen: 57.837 ug/l

RT: 2.75 min Scan# 139

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

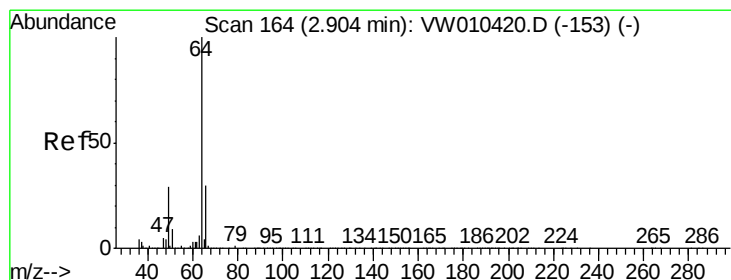
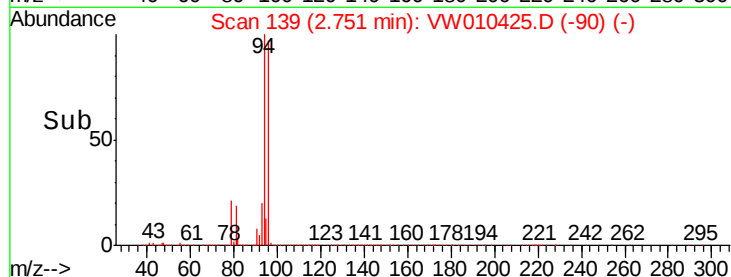
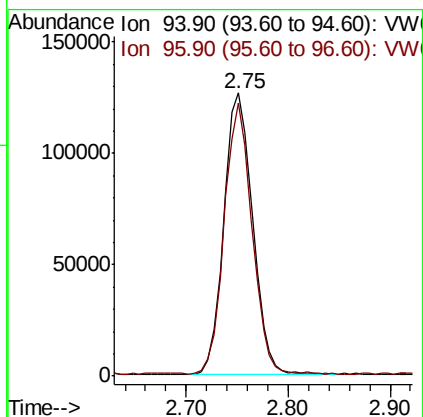
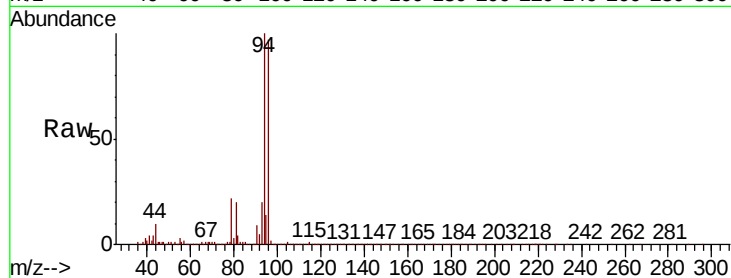
VSTDCCC050

Tgt Ion: 94 Resp: 248137

Ion Ratio Lower Upper

94 100

96 96.3 75.8 113.6



#6

Chloroethane

Concen: 48.110 ug/l

RT: 2.90 min Scan# 164

Delta R.T. 0.00 min

Lab File: VW010425.D

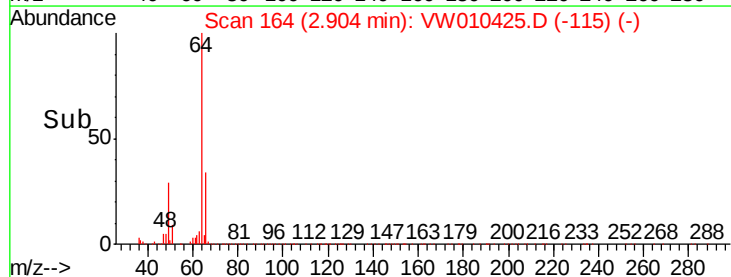
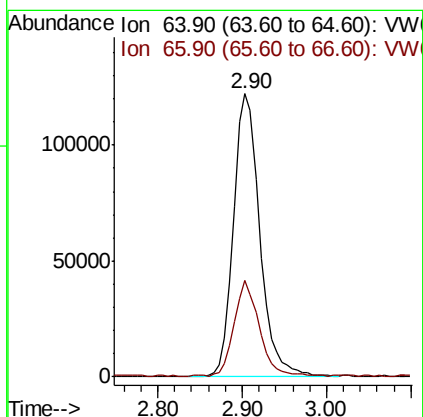
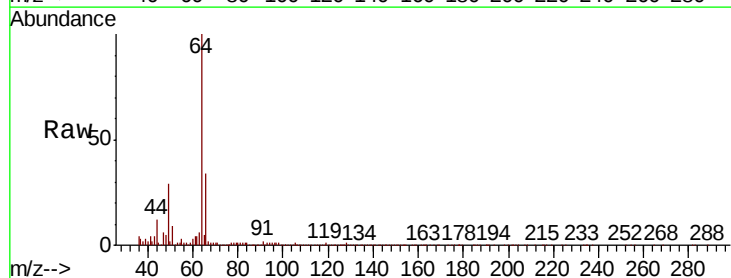
Acq: 17 May 2019 21:53

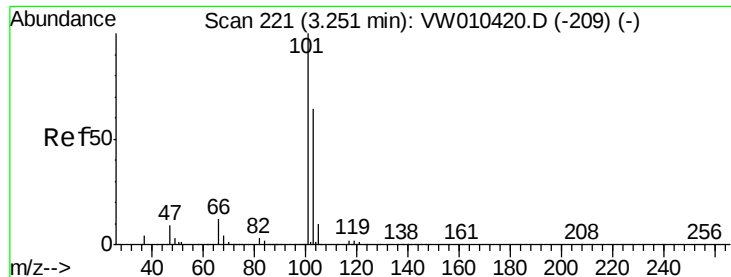
Tgt Ion: 64 Resp: 256305

Ion Ratio Lower Upper

64 100

66 33.6 23.6 35.4



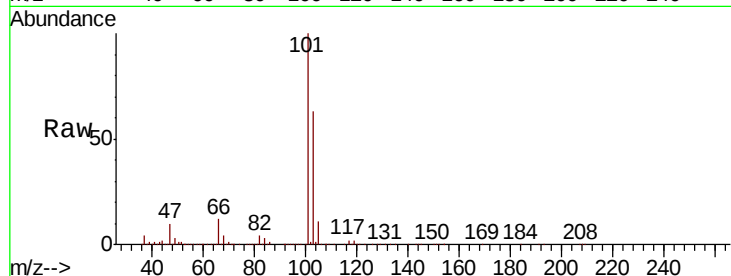


#7

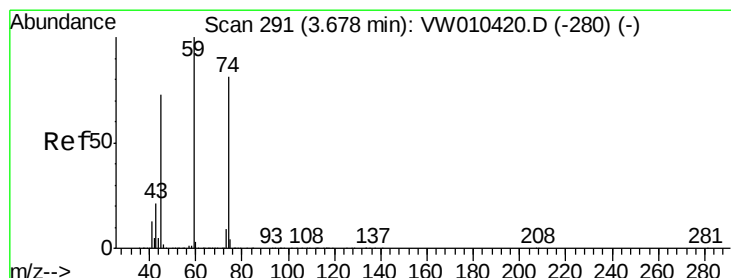
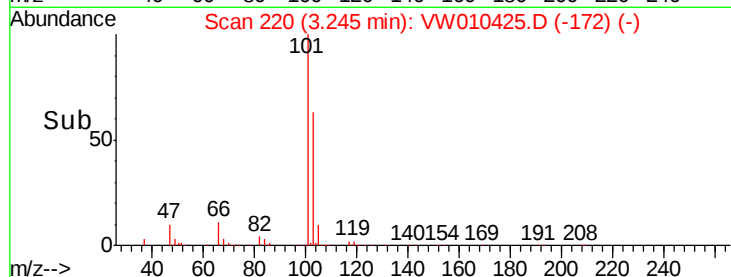
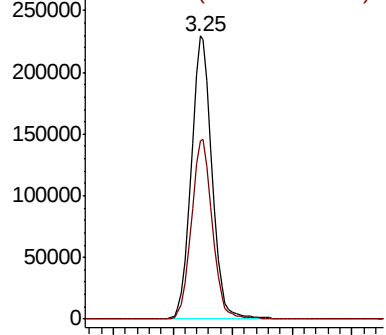
Trichlorofluoromethane
Concen: 46.839 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 101 Resp: 555194
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0



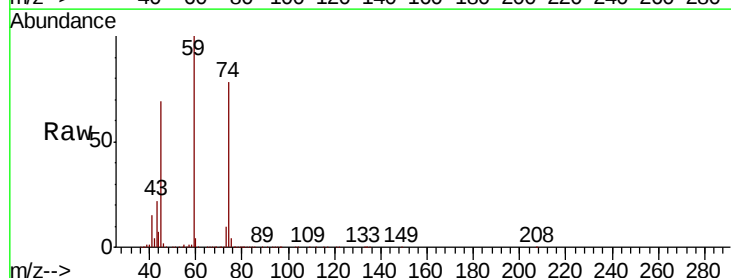
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



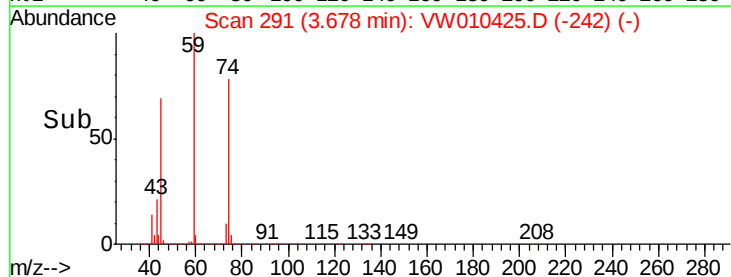
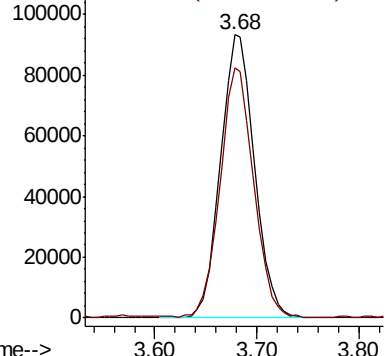
#8

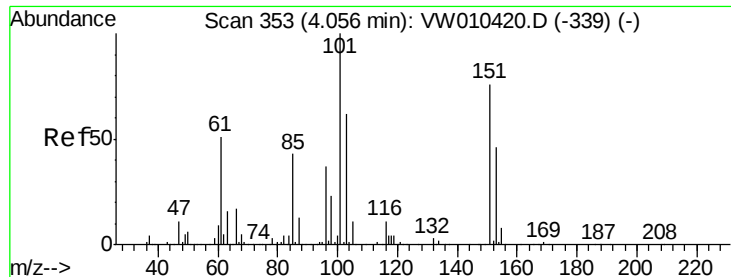
Diethyl Ether
Concen: 51.285 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 74 Resp: 216226
Ion Ratio Lower Upper
74 100
45 86.7 43.4 130.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.216 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

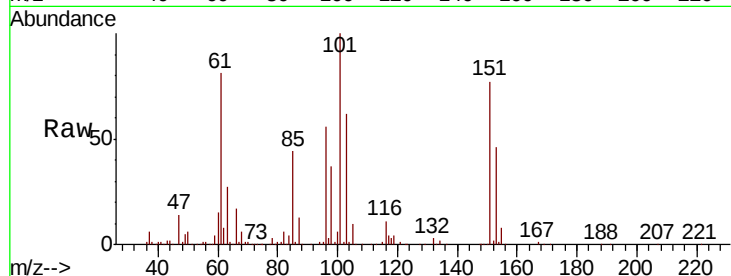
Tgt Ion:101 Resp: 356209

Ion Ratio Lower Upper

101 100

85 43.7 34.3 51.5

151 74.8 59.4 89.2

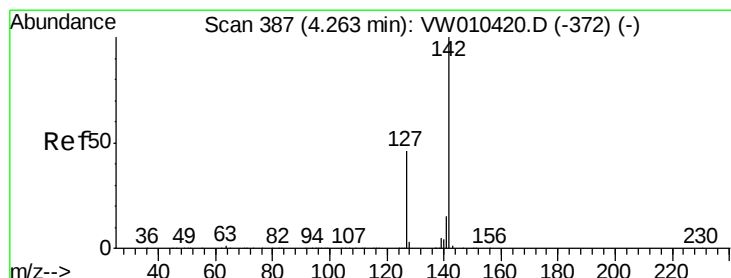
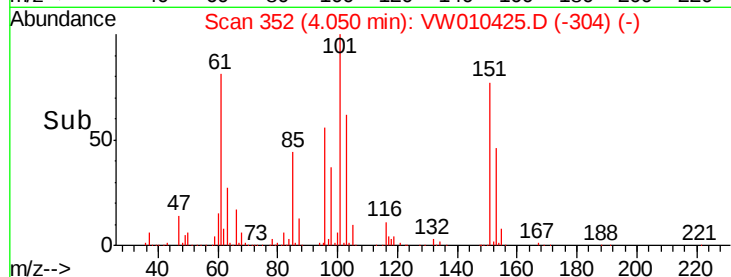
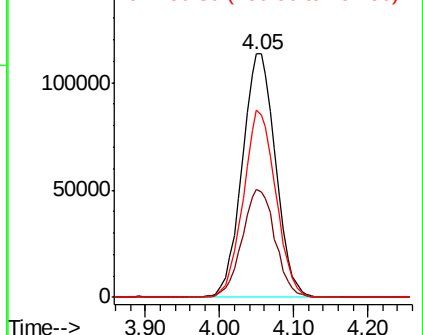


Abundance

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: 49.522 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

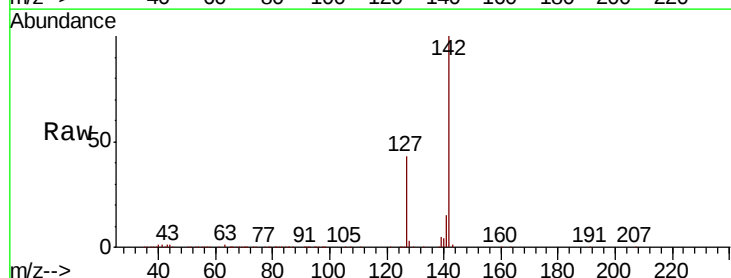
Tgt Ion:142 Resp: 417809

Ion Ratio Lower Upper

142 100

127 43.2 35.4 53.2

141 14.0 11.4 17.2

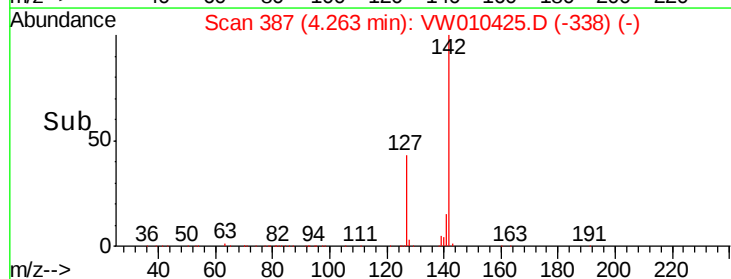
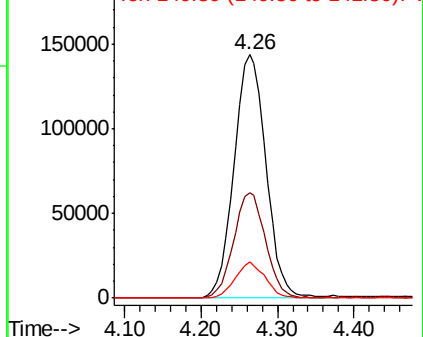


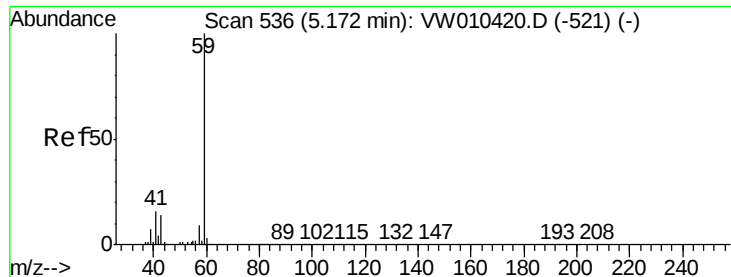
Abundance

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



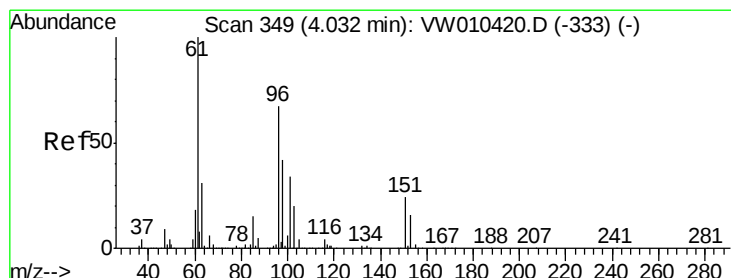
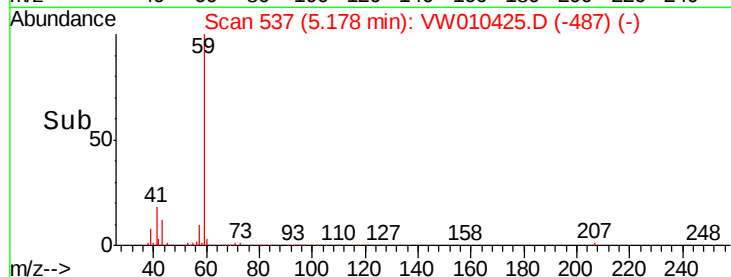
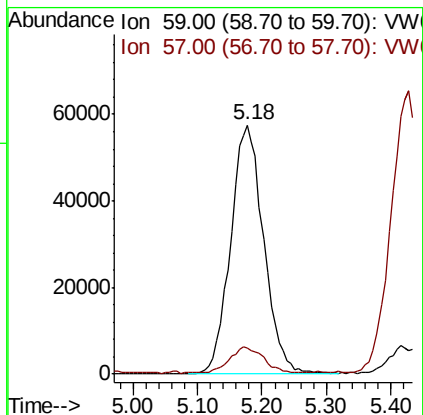
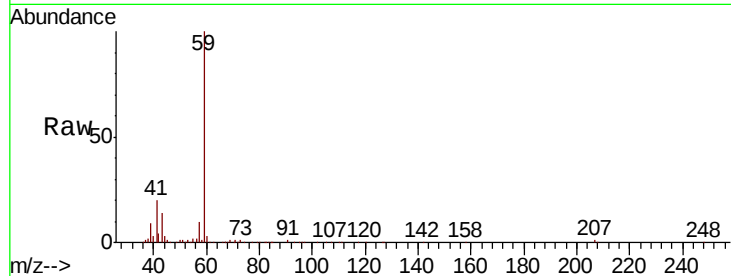


#11

Tert butyl alcohol
Concen: 289.939 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

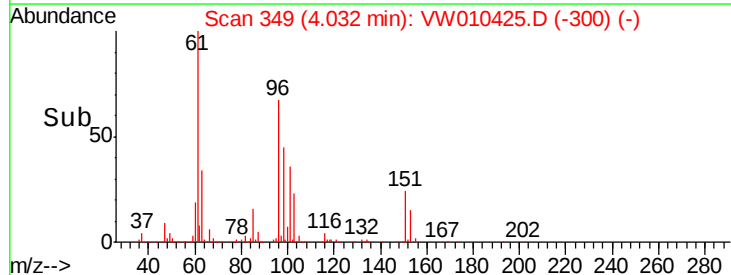
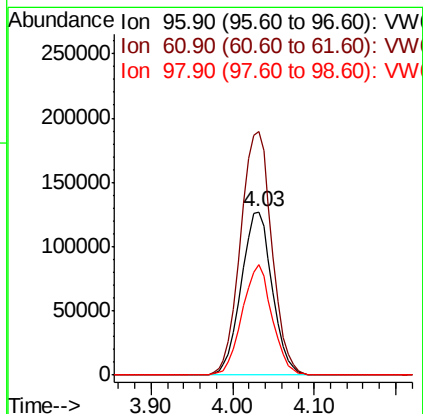
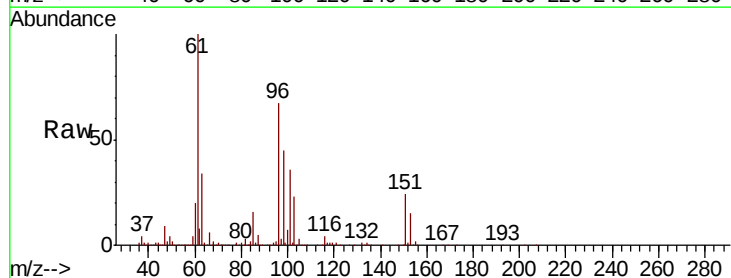
Tgt Ion: 59 Resp: 205769
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

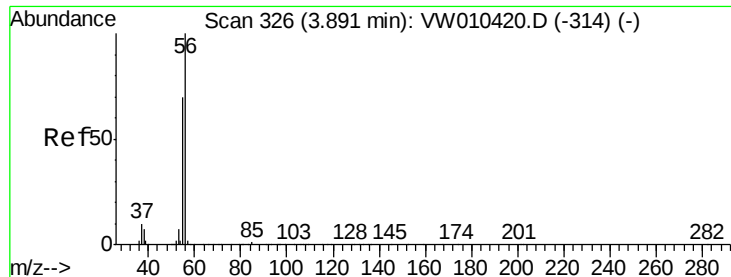


#12

1,1-Dichloroethene
Concen: 47.110 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 96 Resp: 335167
Ion Ratio Lower Upper
96 100
61 149.3 120.3 180.5
98 67.5 50.7 76.1

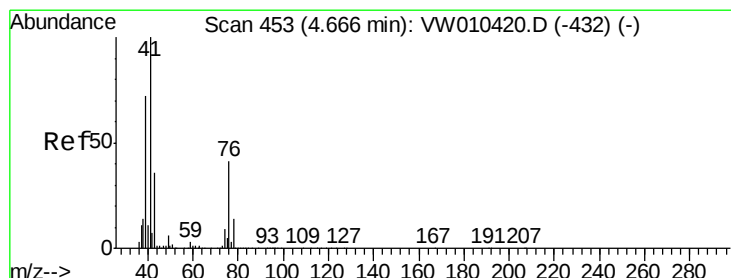
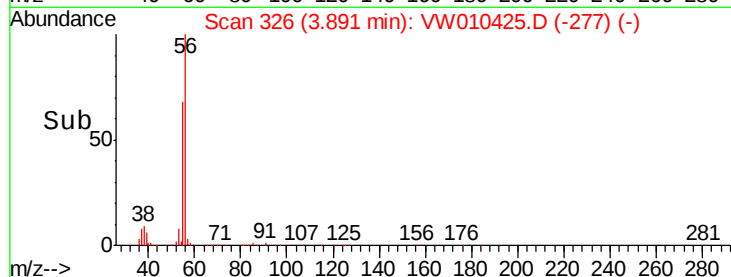
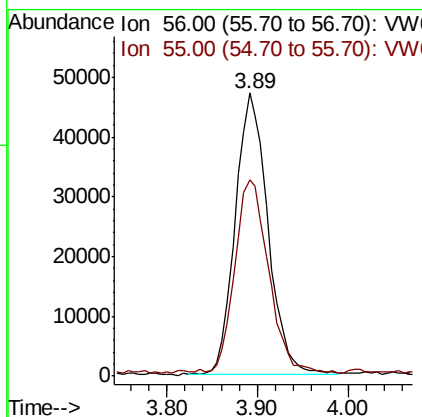
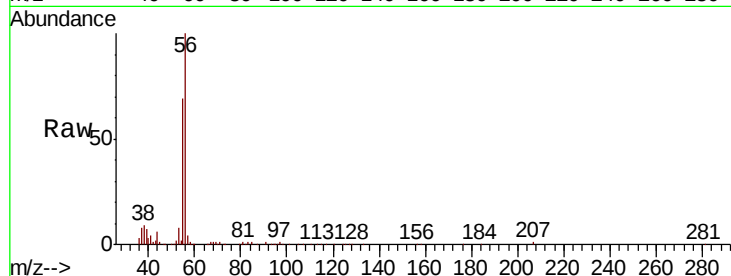




#13
Acrolein
Concen: 263.525 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

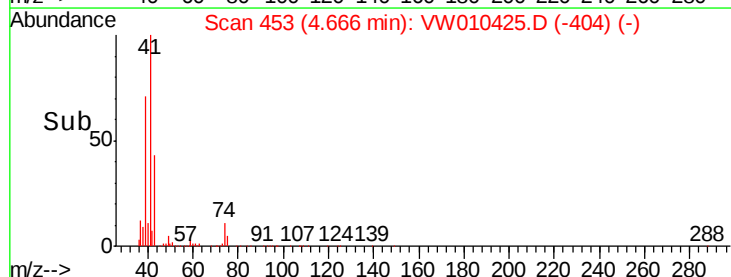
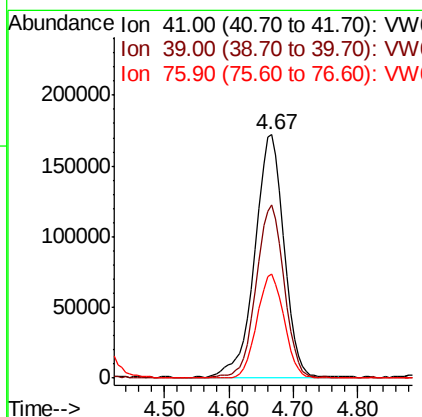
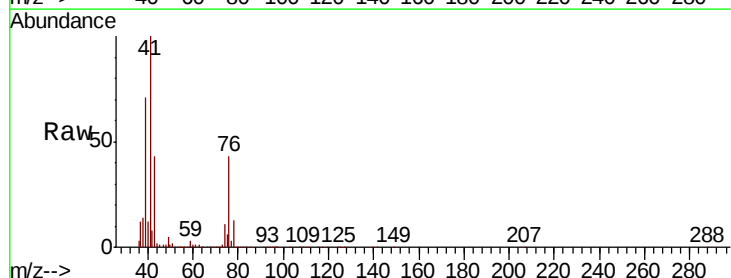
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

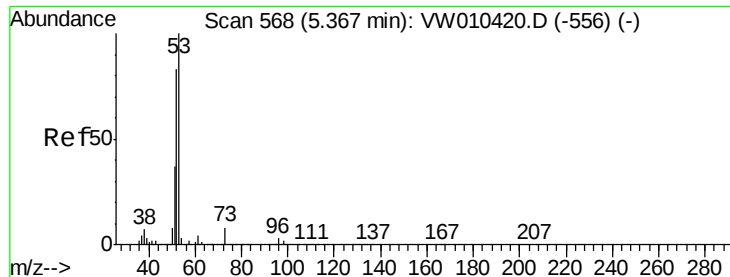
Tgt Ion: 56 Resp: 118152
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4



#14
Allyl chloride
Concen: 48.470 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 41 Resp: 534917
Ion Ratio Lower Upper
41 100
39 68.2 54.9 82.3
76 39.9 31.8 47.6





#15

Acrylonitrile

Concen: 274.638 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

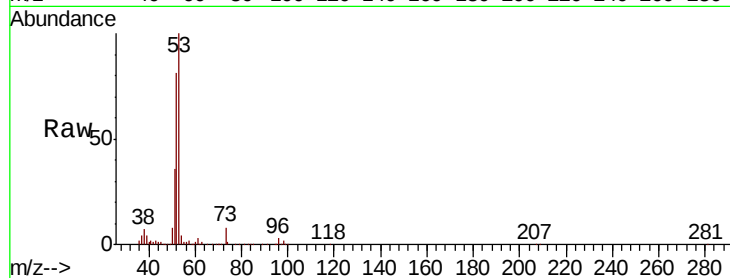
Tgt Ion: 53 Resp: 495074

Ion Ratio Lower Upper

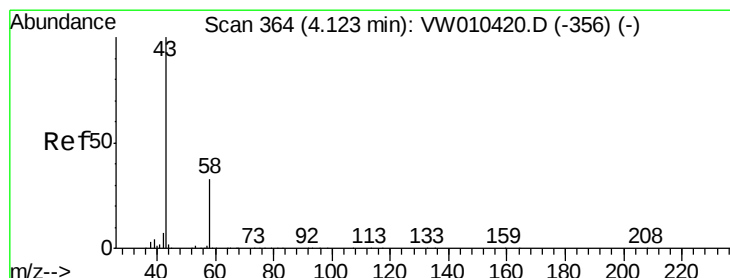
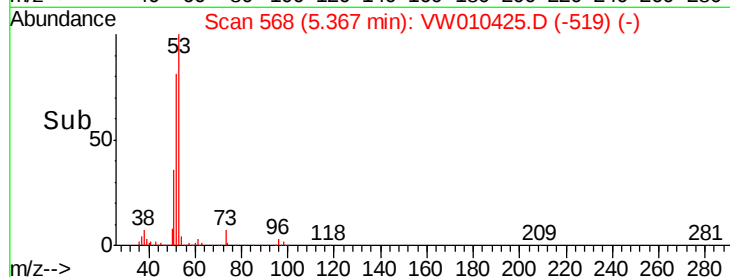
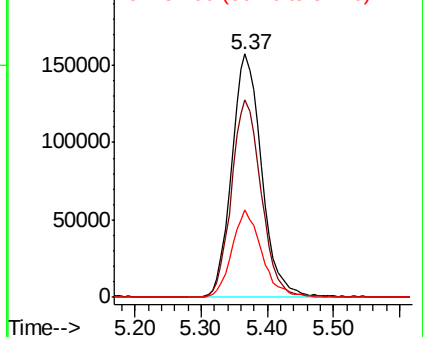
53 100

52 80.5 63.9 95.9

51 35.6 29.5 44.3



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



#16

Acetone

Concen: 274.028 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010425.D

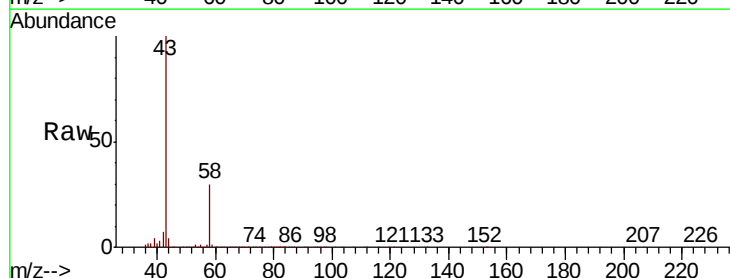
Acq: 17 May 2019 21:53

Tgt Ion: 43 Resp: 377666

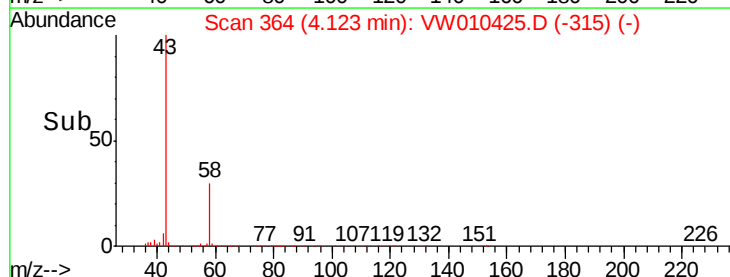
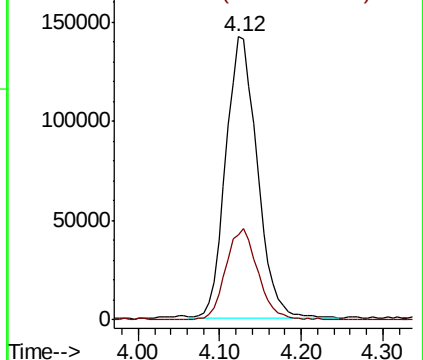
Ion Ratio Lower Upper

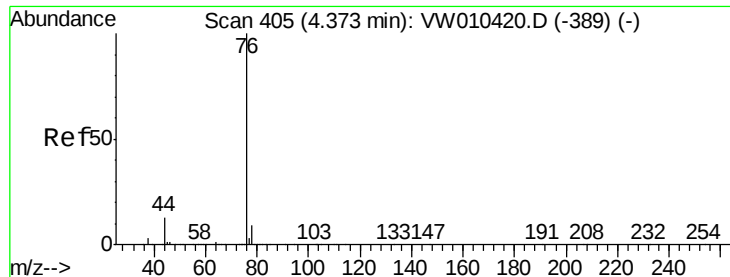
43 100

58 29.8 26.0 39.0



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

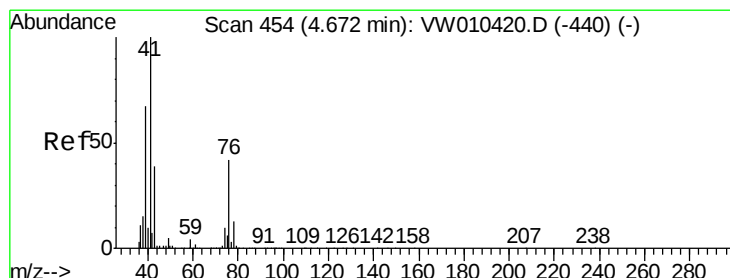
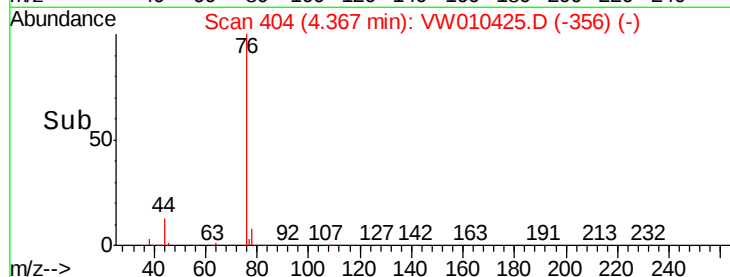
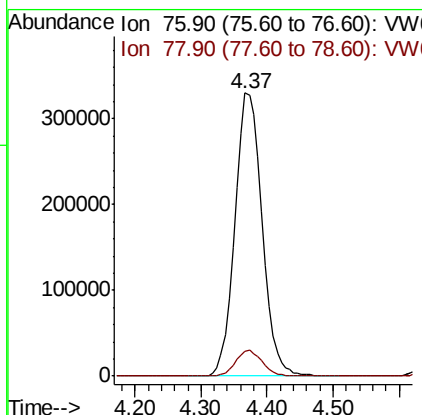
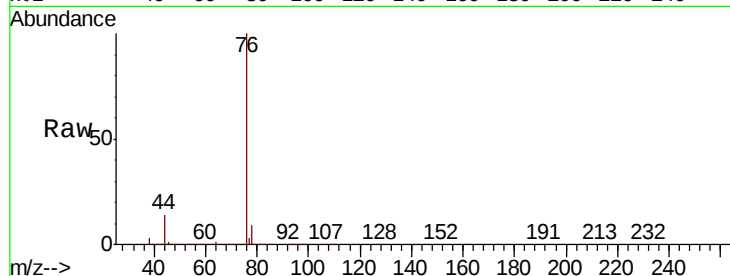




#17
Carbon Disulfide
Concen: 46.338 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

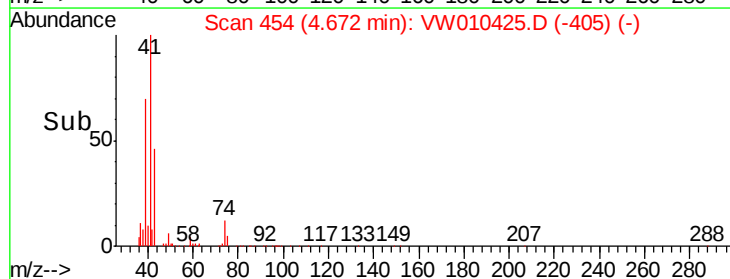
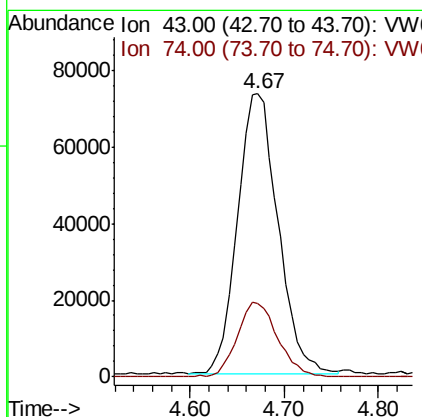
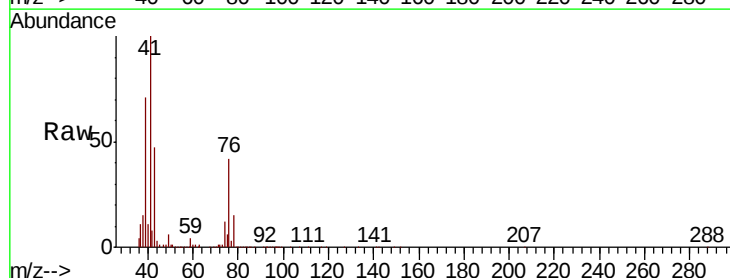
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

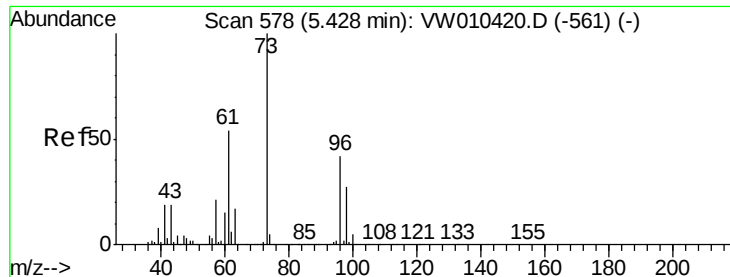
Tgt Ion: 76 Resp: 941398
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 51.308 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 43 Resp: 220982
Ion Ratio Lower Upper
43 100
74 26.6 21.2 31.8



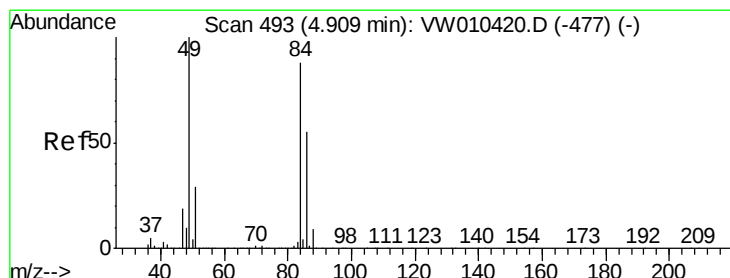
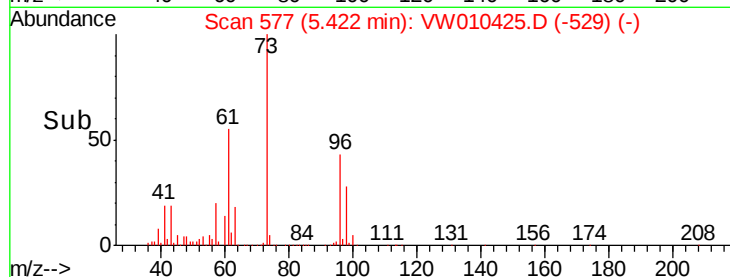
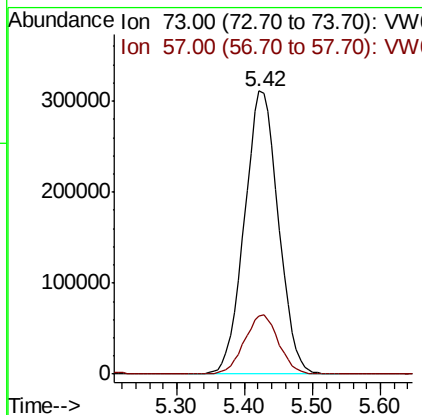
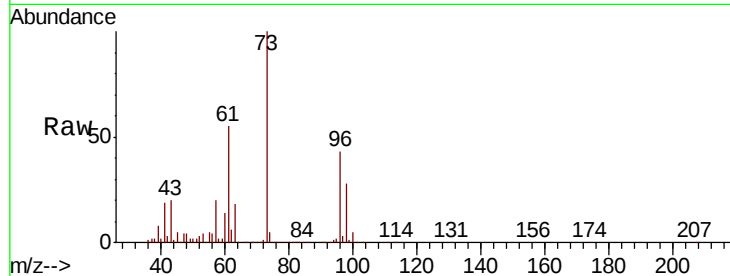


#19

Methyl tert-butyl Ether
 Concen: 52.931 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

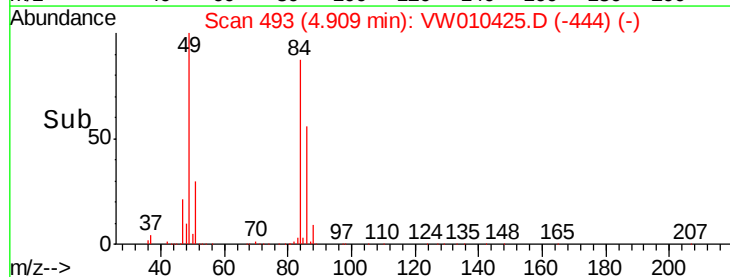
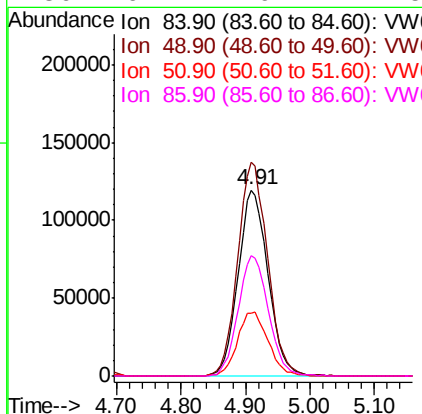
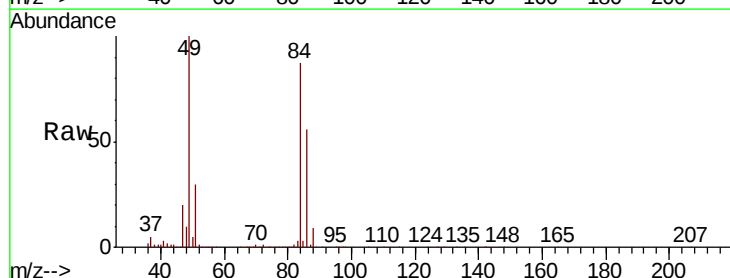
Tgt Ion: 73 Resp: 1080145
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.0 25.4

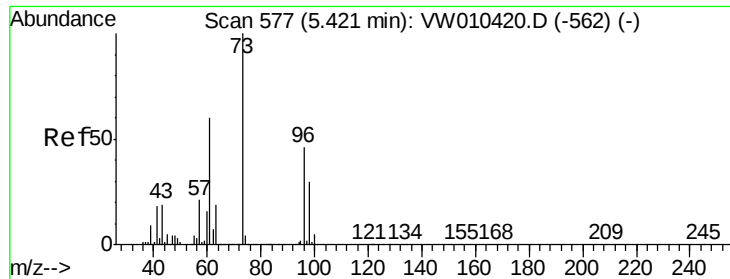


#20

Methylene Chloride
 Concen: 52.904 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Tgt Ion: 84 Resp: 380935
 Ion Ratio Lower Upper
 84 100
 49 114.9 90.6 135.8
 51 33.9 26.6 40.0
 86 64.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 49.003 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

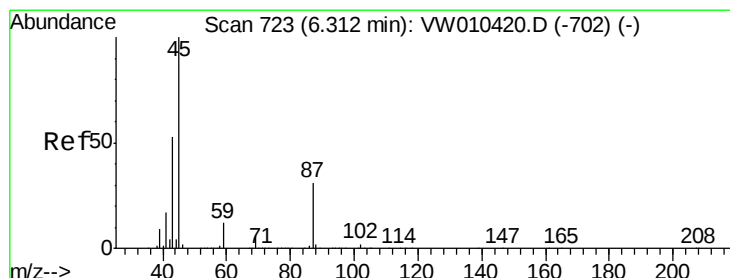
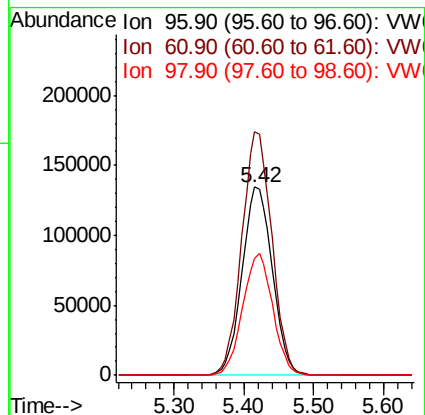
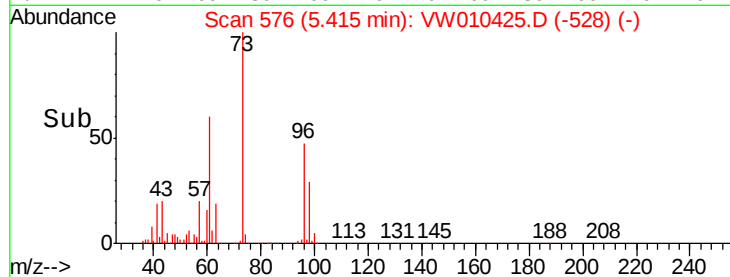
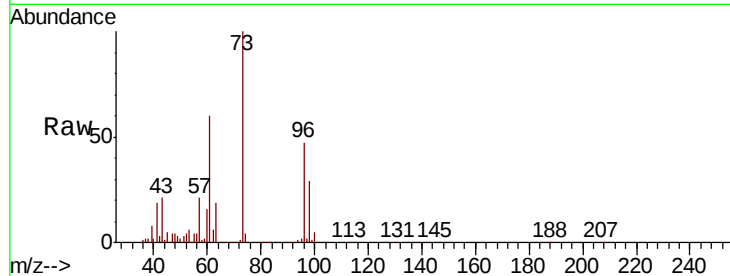
Tgt Ion: 96 Resp: 406613

Ion Ratio Lower Upper

96 100

61 129.4 103.9 155.9

98 62.2 51.5 77.3



#22

Diisopropyl ether

Concen: 51.037 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Tgt Ion: 45 Resp: 1202111

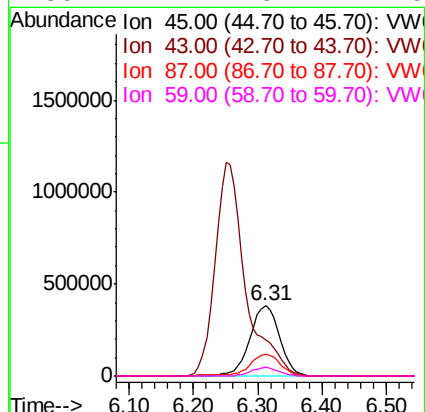
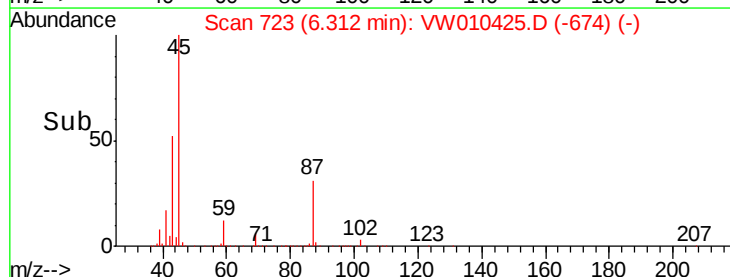
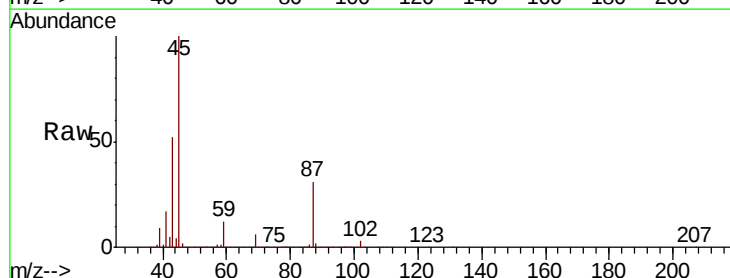
Ion Ratio Lower Upper

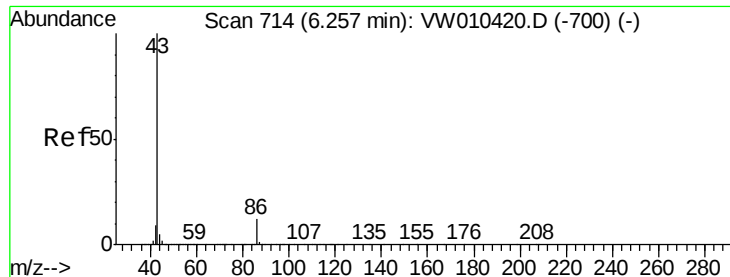
45 100

43 51.6 42.0 63.0

87 31.0 25.0 37.6

59 12.2 9.7 14.5





#23

Vinyl Acetate

Concen: 260.636 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

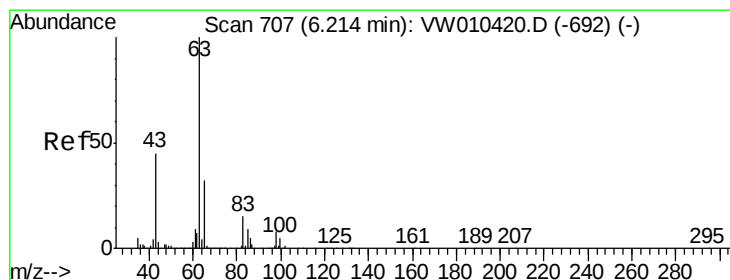
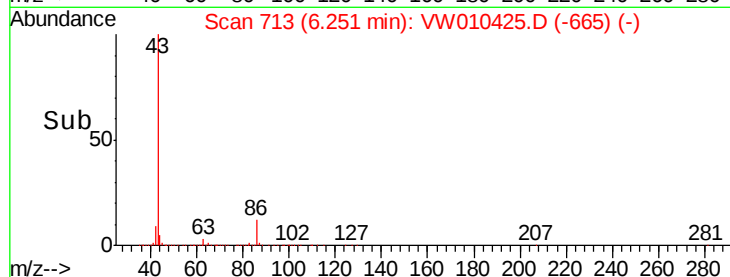
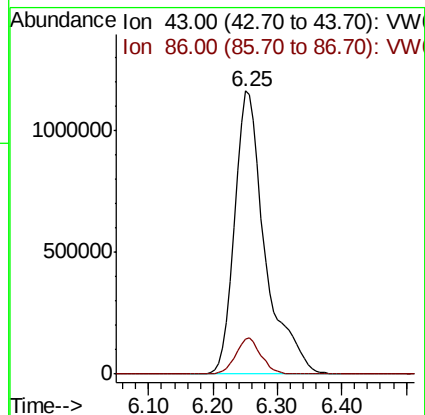
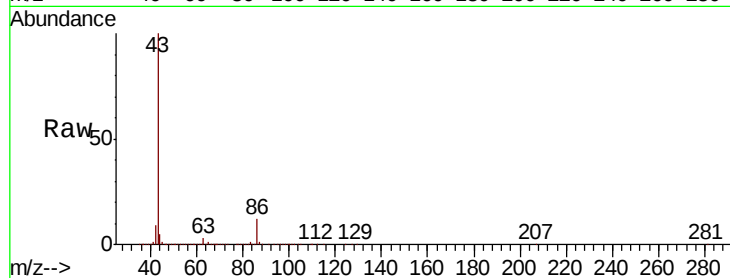
VSTDCCC050

Tgt Ion: 43 Resp: 3829566

Ion Ratio Lower Upper

43 100

86 12.3 9.7 14.5



#24

1,1-Dichloroethane

Concen: 49.112 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

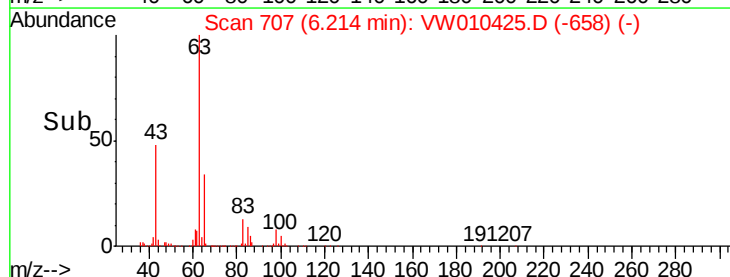
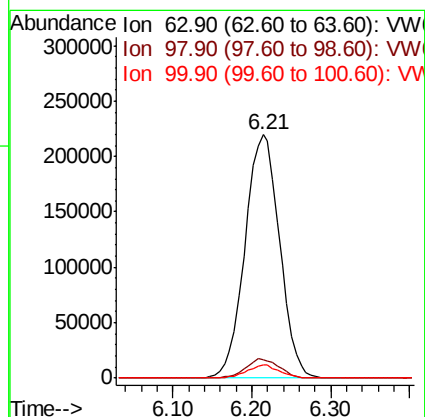
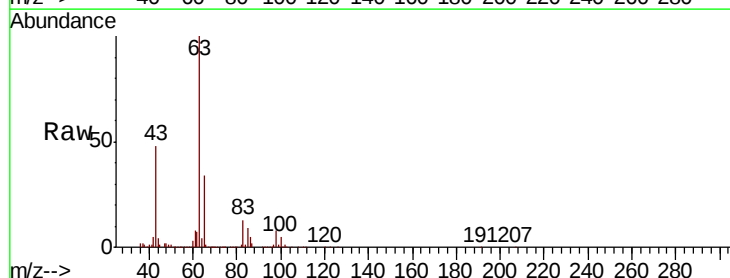
Tgt Ion: 63 Resp: 669706

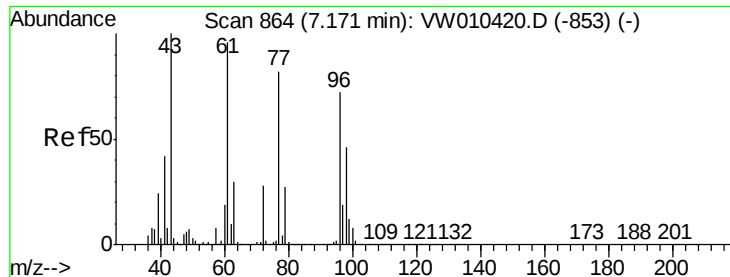
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.0

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 279.666 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

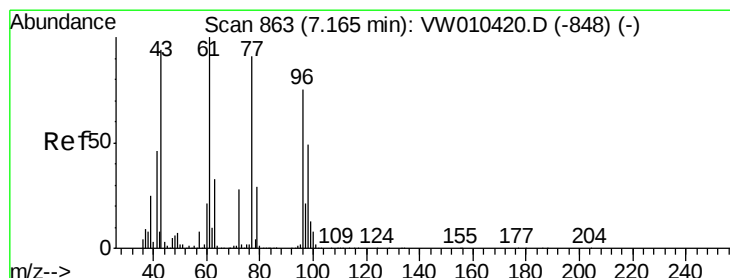
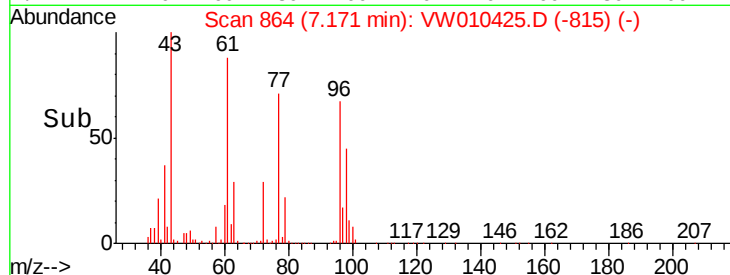
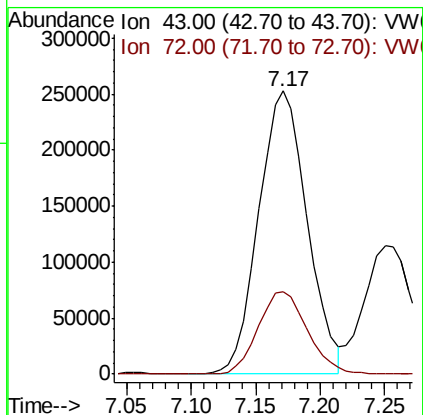
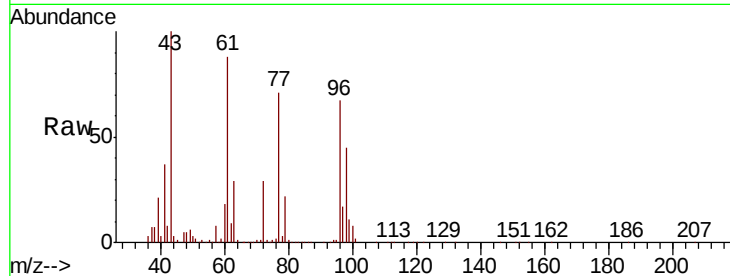
VSTDCCC050

Tgt Ion: 43 Resp: 657032

Ion Ratio Lower Upper

43 100

72 29.4 22.6 33.8



#26

2,2-Dichloropropane

Concen: 44.514 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010425.D

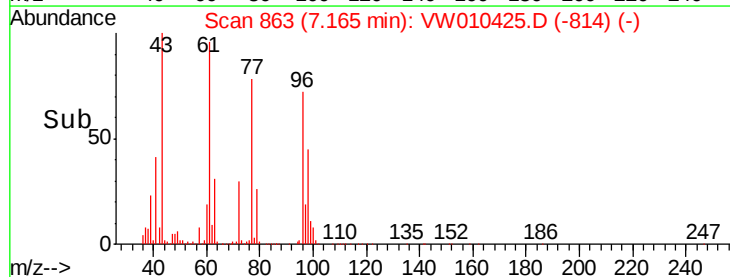
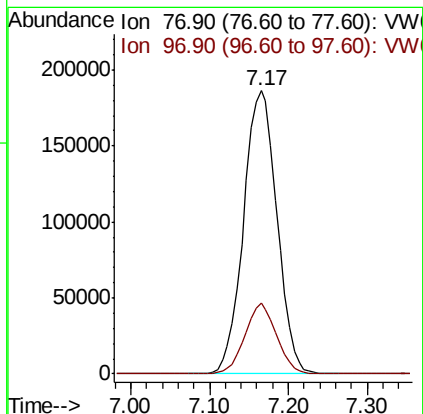
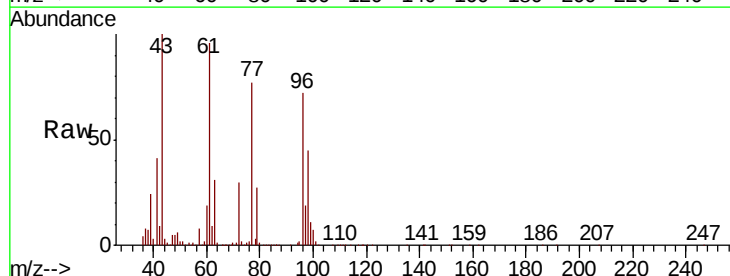
Acq: 17 May 2019 21:53

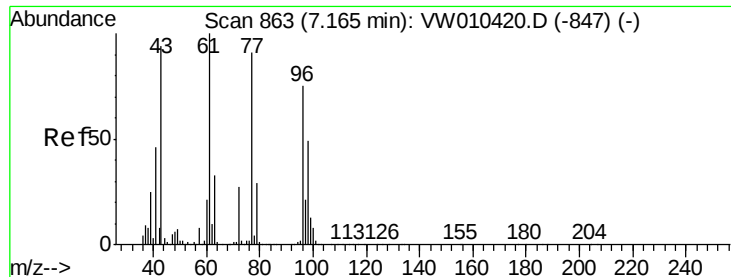
Tgt Ion: 77 Resp: 547768

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



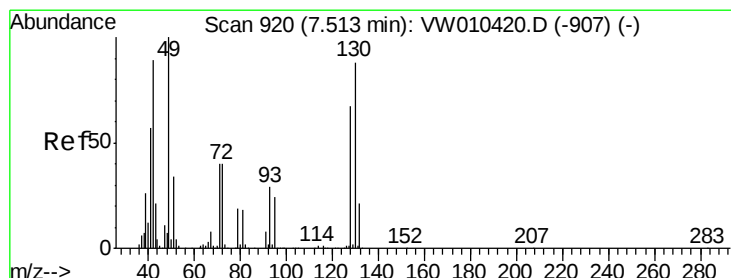
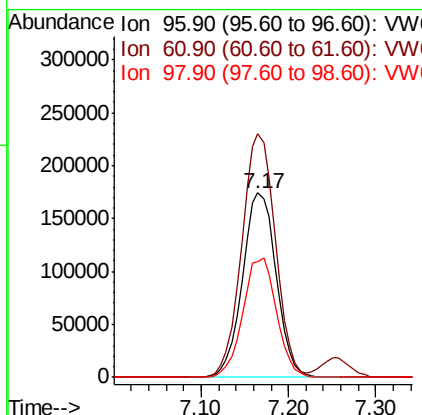
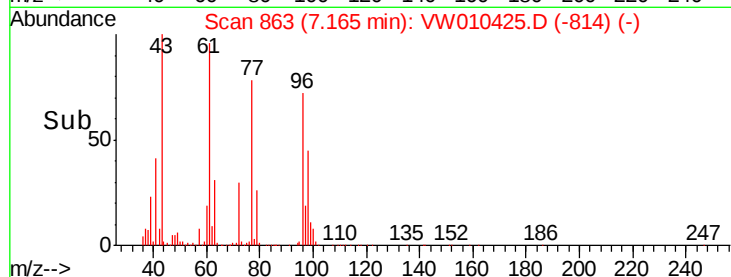
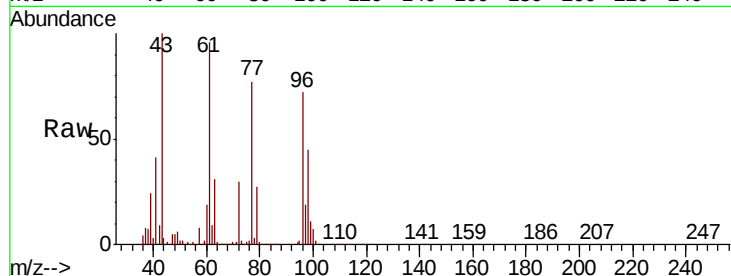


#27

cis-1,2-Dichloroethene
Concen: 50.126 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

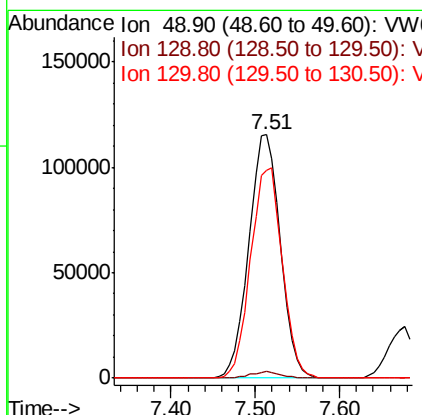
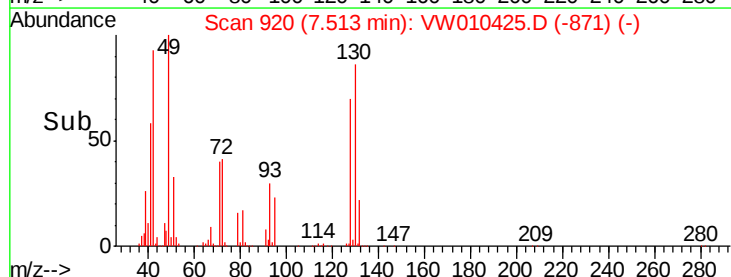
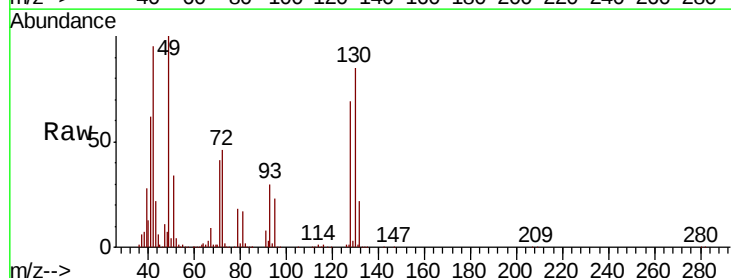
Tgt Ion: 96 Resp: 466458
Ion Ratio Lower Upper
96 100
61 132.0 0.0 266.4
98 64.8 0.0 129.6

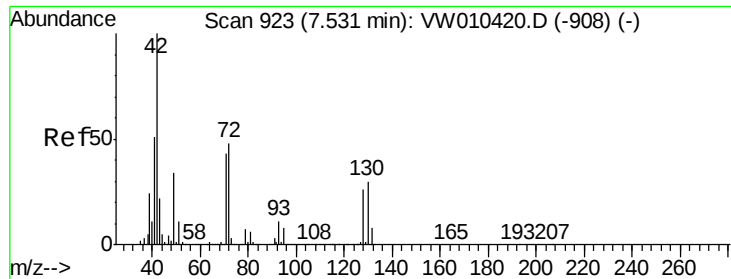


#28

Bromochloromethane
Concen: 57.348 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 49 Resp: 293811
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 86.8 68.2 102.4





#29

Tetrahydrofuran

Concen: 283.369 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

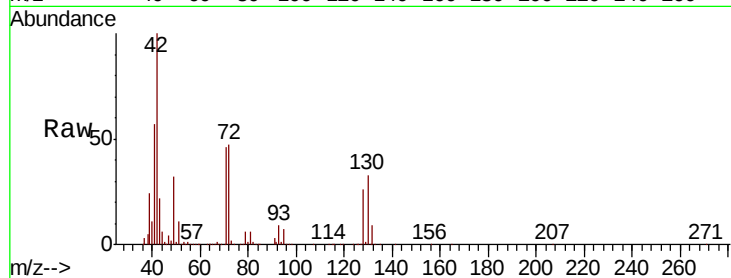
Tgt Ion: 42 Resp: 450515

Ion Ratio Lower Upper

42 100

72 47.4 38.2 57.2

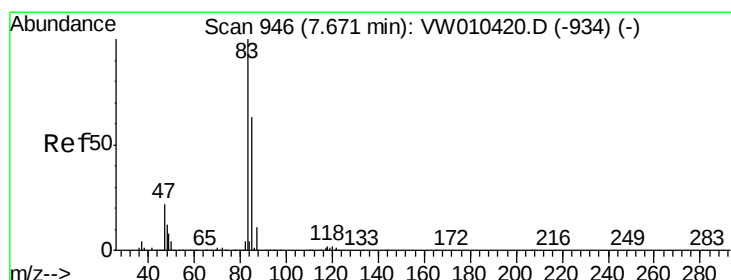
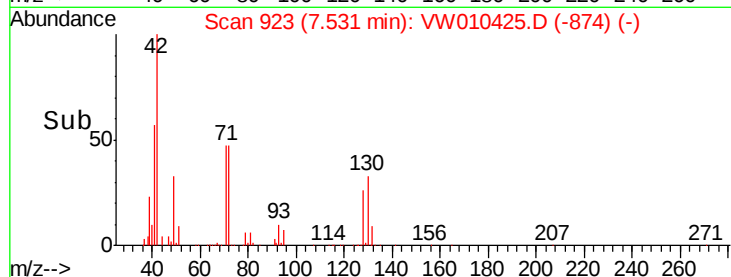
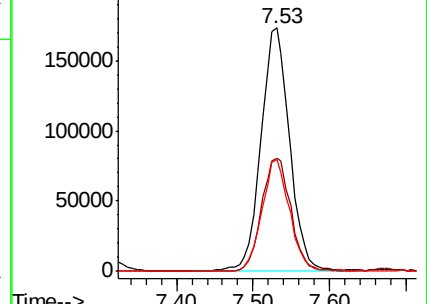
71 44.3 36.0 54.0



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 50.542 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW010425.D

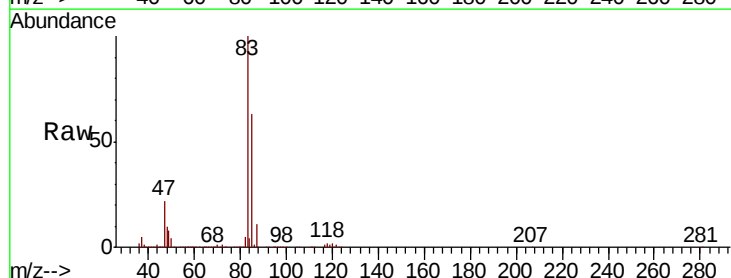
Acq: 17 May 2019 21:53

Tgt Ion: 83 Resp: 724881

Ion Ratio Lower Upper

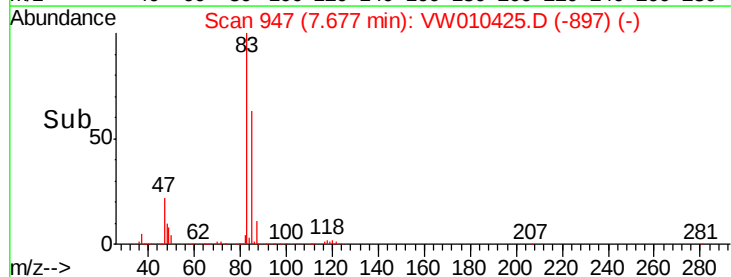
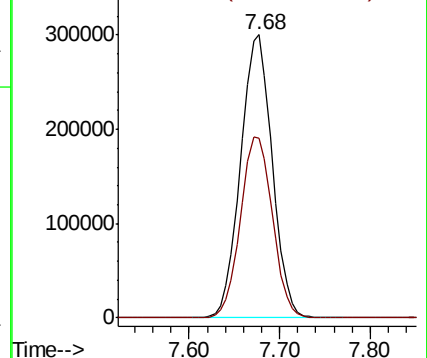
83 100

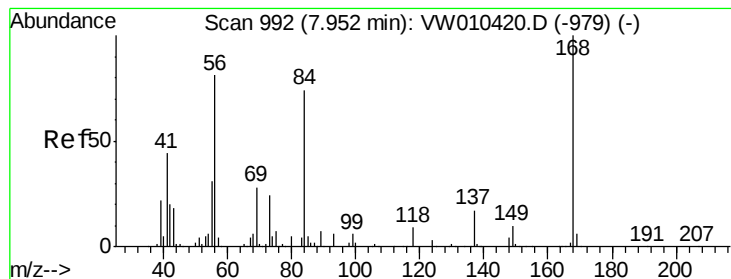
85 63.4 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 49.796 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

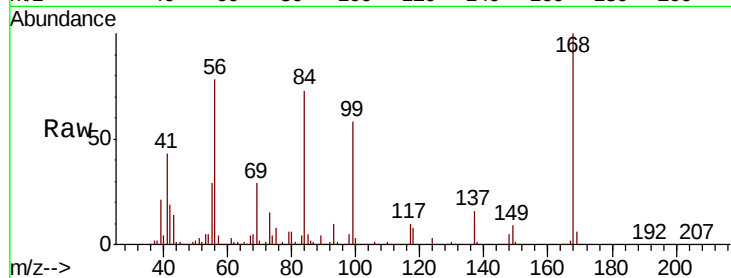
Tgt Ion: 56 Resp: 599461

Ion Ratio Lower Upper

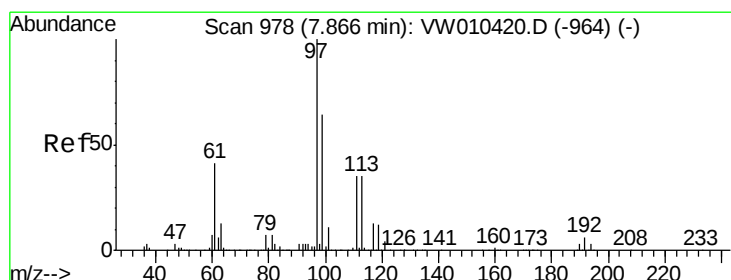
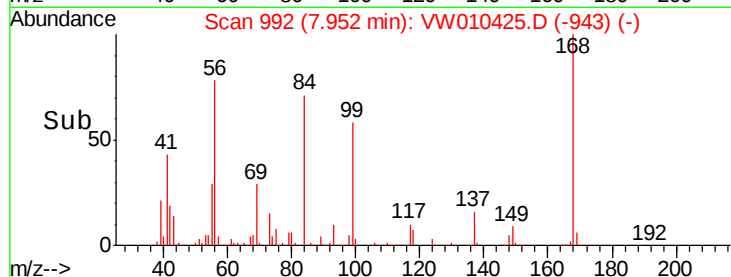
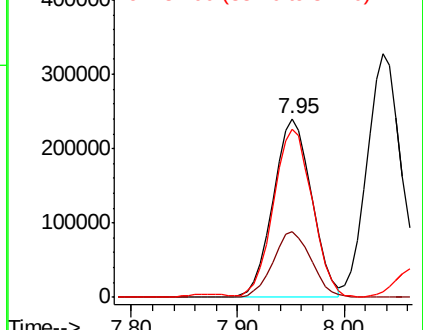
56 100

69 37.0 27.6 41.4

84 93.3 72.9 109.3



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: 48.942 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

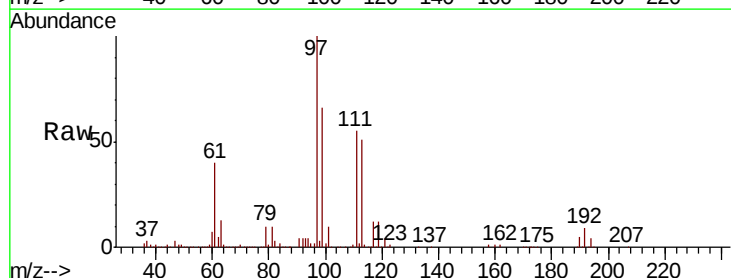
Tgt Ion: 97 Resp: 661887

Ion Ratio Lower Upper

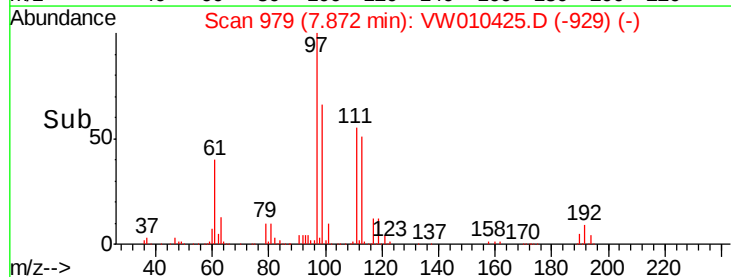
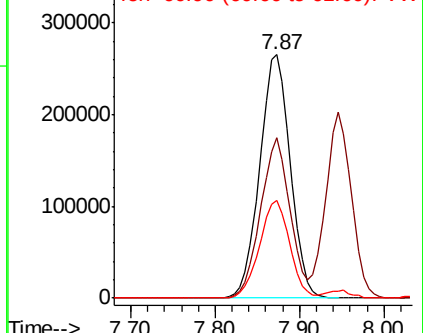
97 100

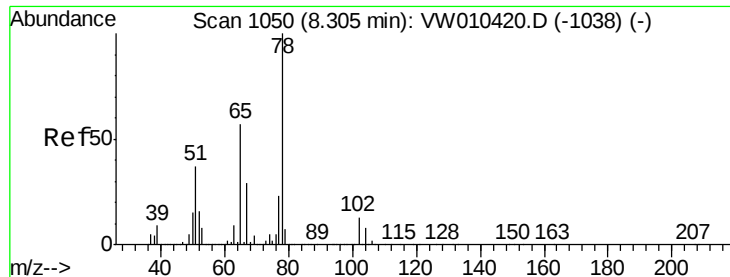
99 63.7 51.4 77.2

61 39.7 32.0 48.0



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: 55.782 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

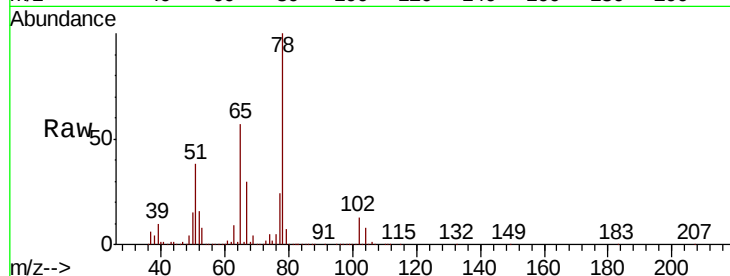
VSTDCCC050

Tgt Ion: 65 Resp: 436442

Ion Ratio Lower Upper

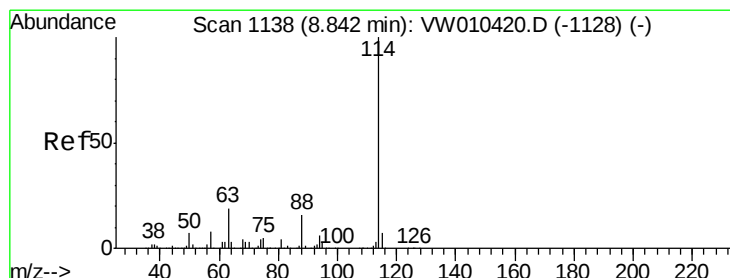
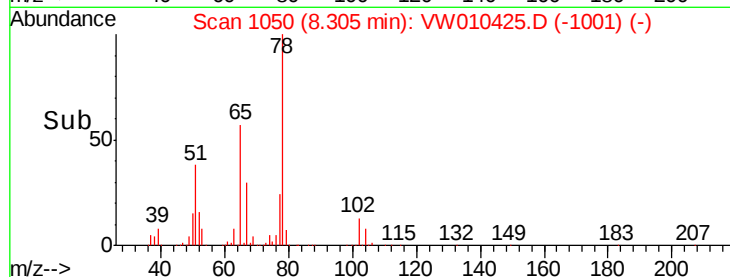
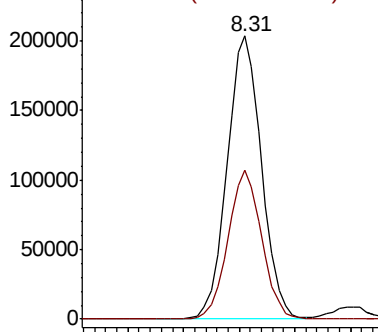
65 100

67 51.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

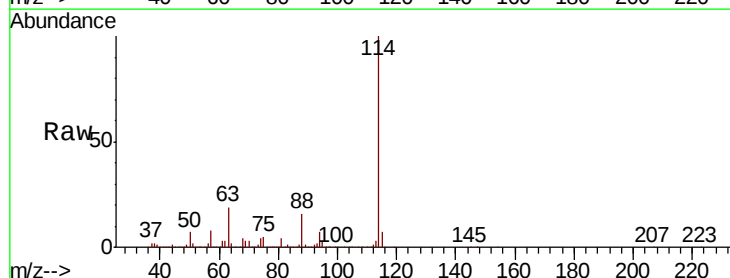
Tgt Ion: 114 Resp: 1292249

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

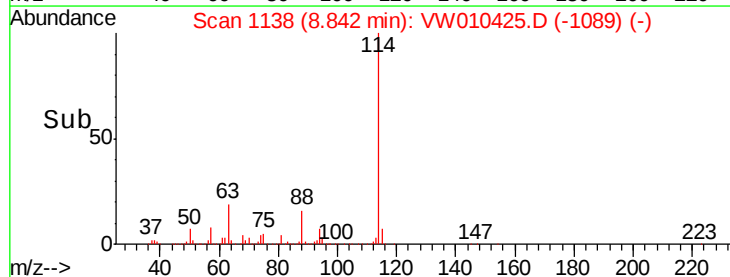
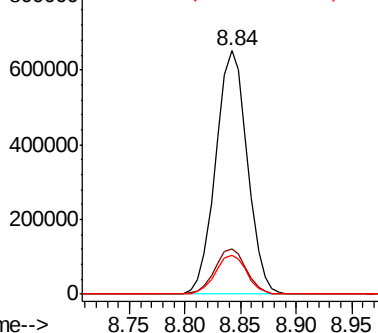
88 16.1 0.0 31.6

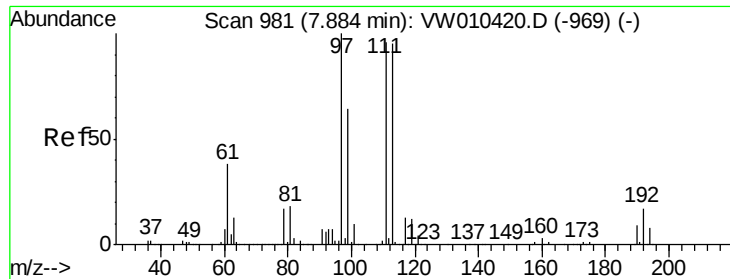


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.773 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

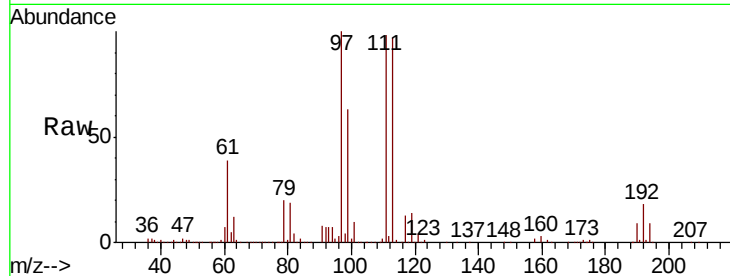
Tgt Ion:113 Resp: 413215

Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

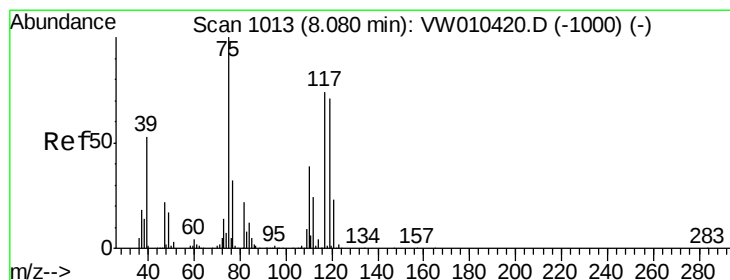
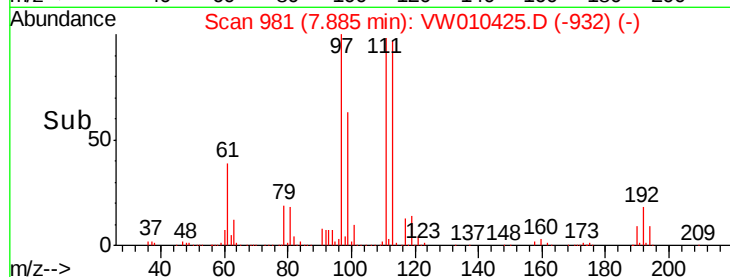
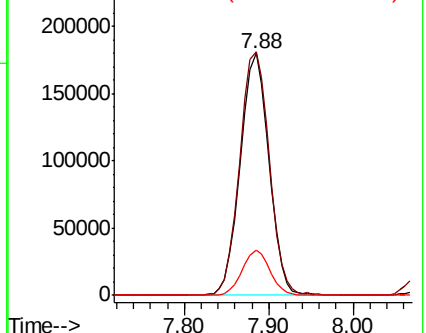
192 18.2 14.2 21.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.068 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

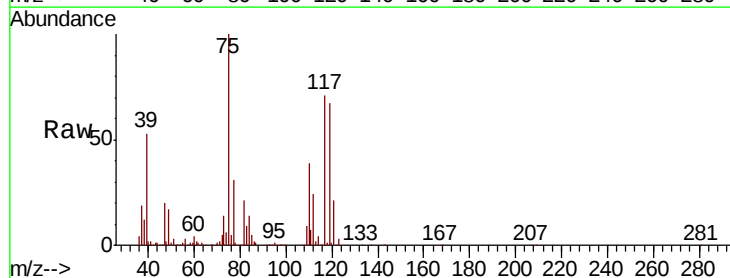
Tgt Ion: 75 Resp: 538472

Ion Ratio Lower Upper

75 100

110 38.0 19.4 58.1

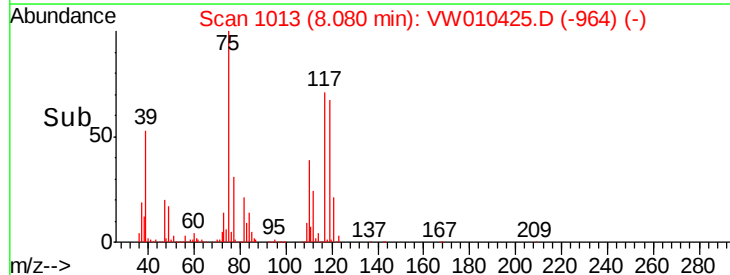
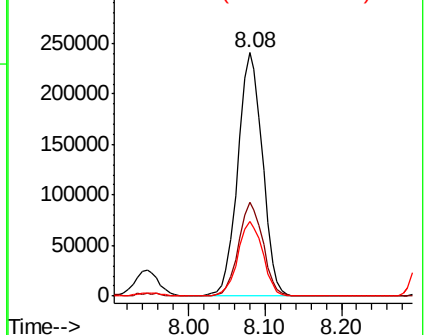
77 30.9 24.7 37.1

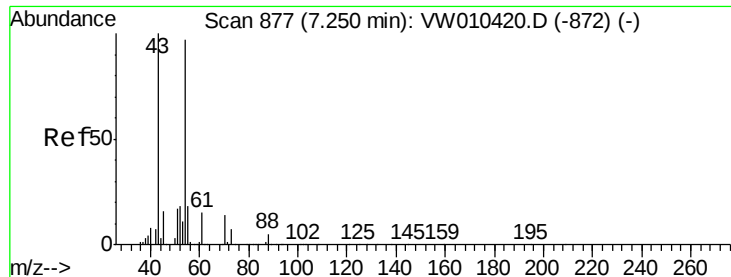


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

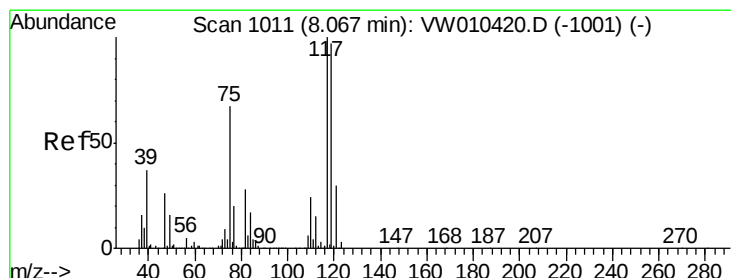
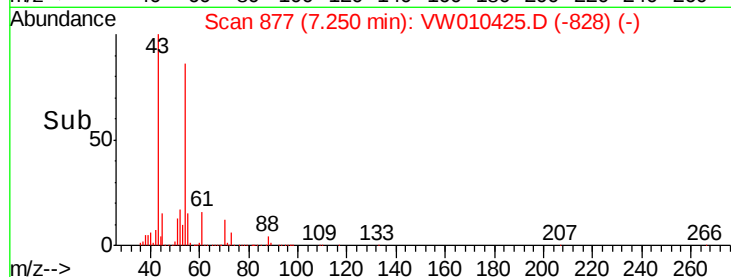
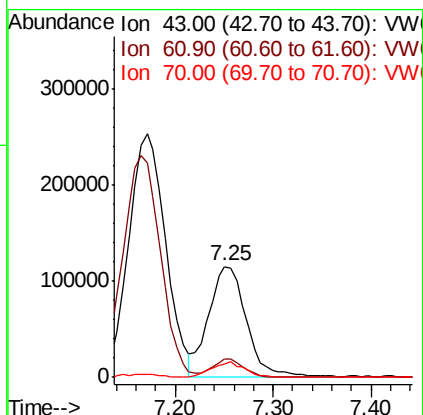
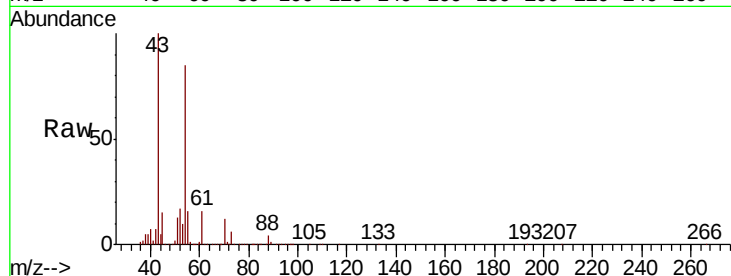




#37
Ethyl Acetate
Concen: 55.281 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

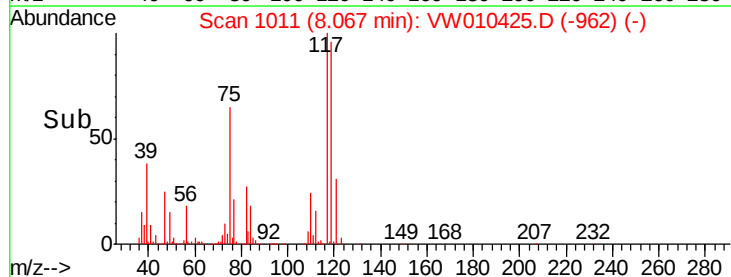
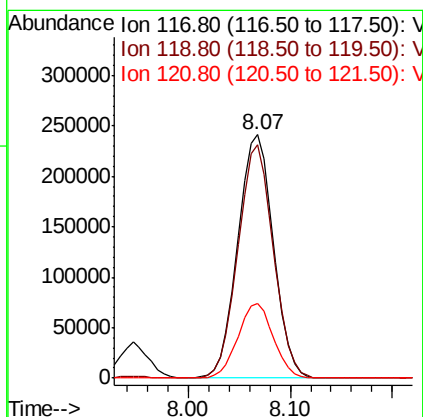
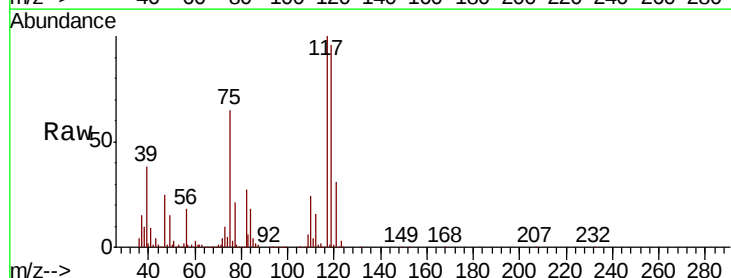
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

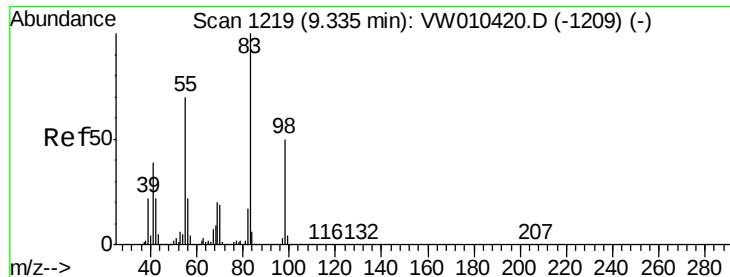
Tgt Ion: 43 Resp: 303442
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.6
70 12.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 47.299 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 117 Resp: 583969
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6
121 30.7 24.2 36.2

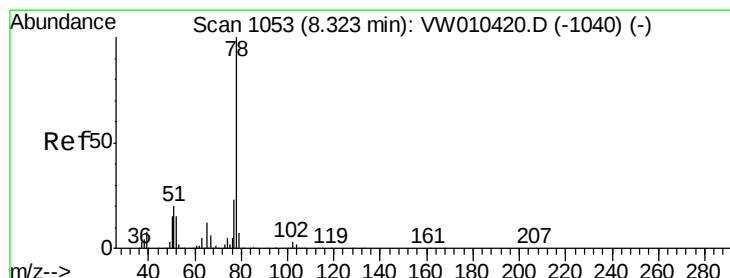
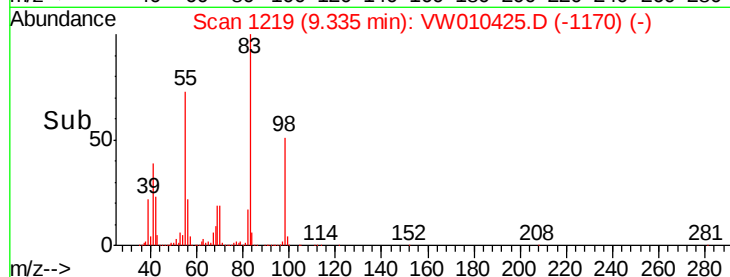
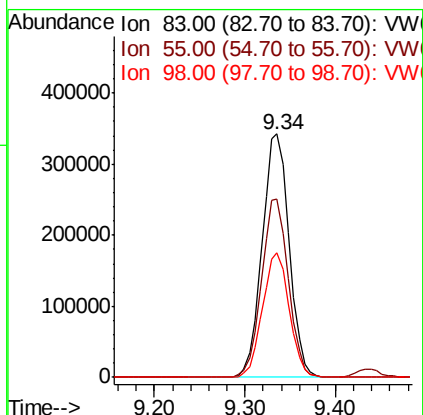
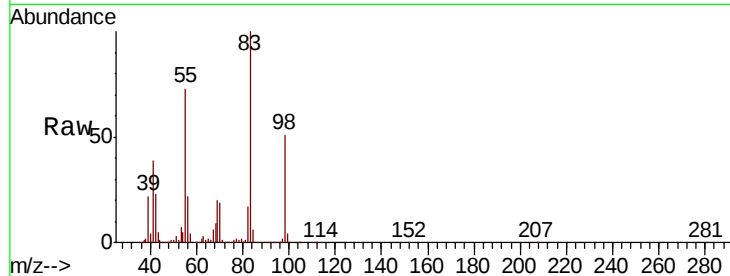




#39
Methylcyclohexane
Concen: 46.058 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

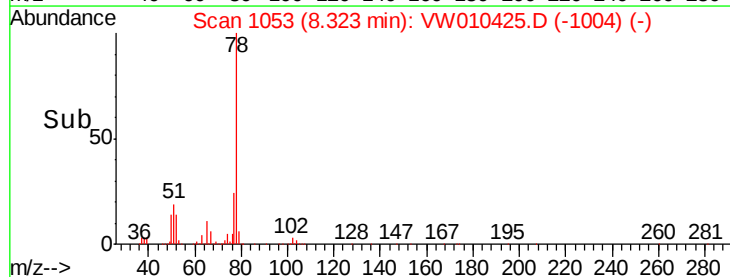
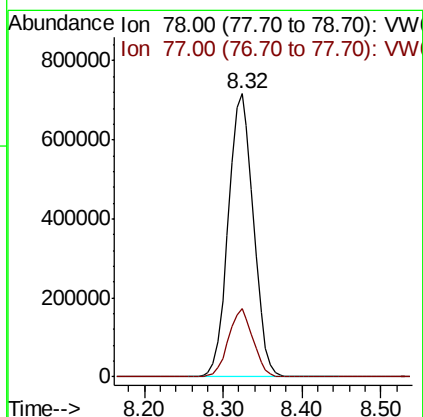
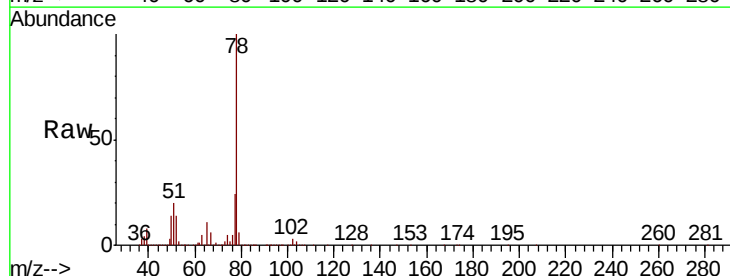
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

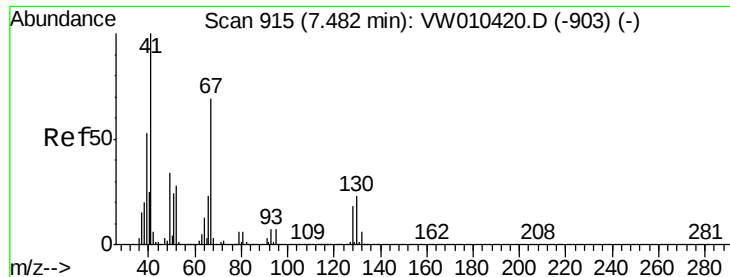
Tgt Ion: 83 Resp: 703651
Ion Ratio Lower Upper
83 100
55 72.9 55.7 83.5
98 51.3 40.2 60.4



#40
Benzene
Concen: 48.577 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 78 Resp: 1586020
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

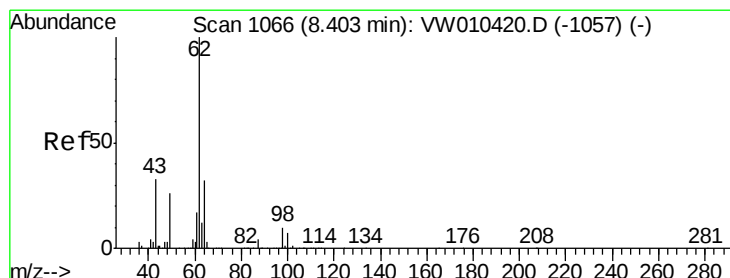
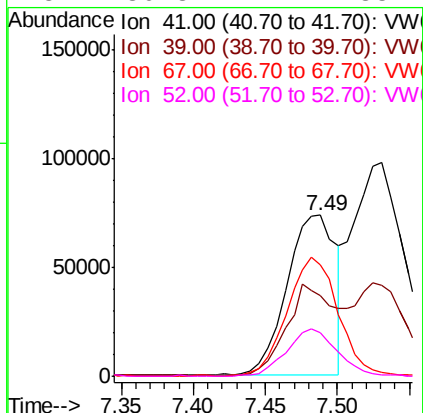
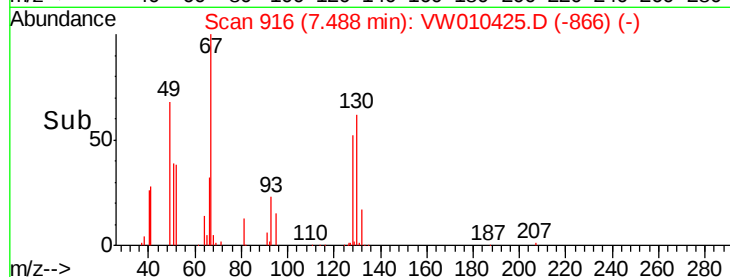
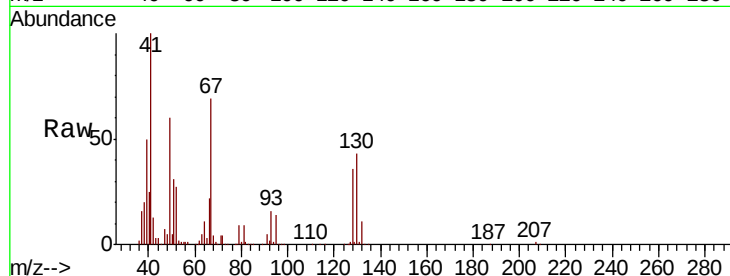




#41
Methacrylonitrile
Concen: 52.703 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

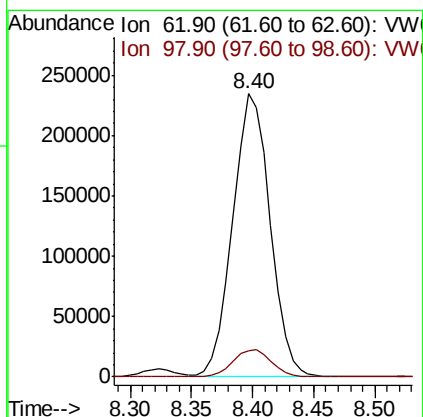
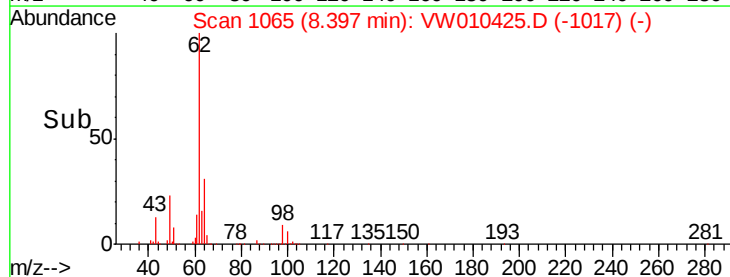
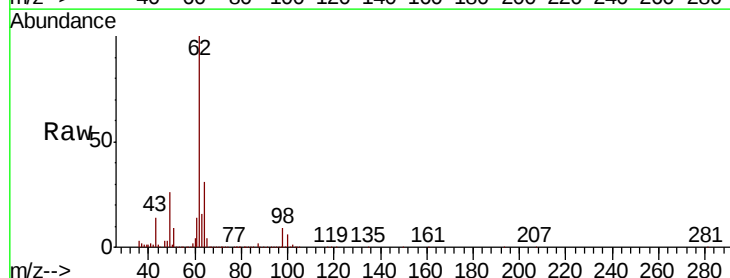
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

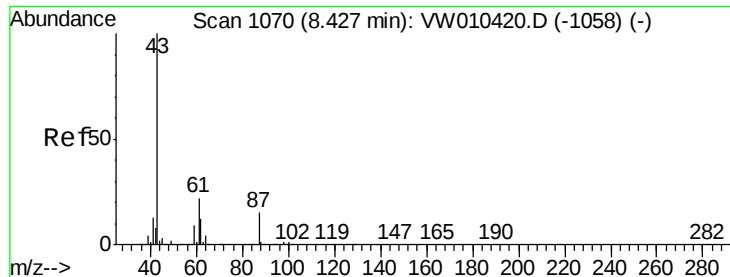
Tgt Ion:	41	Resp:	173233
Ion	Ratio	Lower	Upper
41	100		
39	54.2	38.1	57.1
67	77.7	55.5	83.3
52	30.3	22.1	33.1



#42
1,2-Dichloroethane
Concen: 51.111 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion:	62	Resp:	497218
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 53.709 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

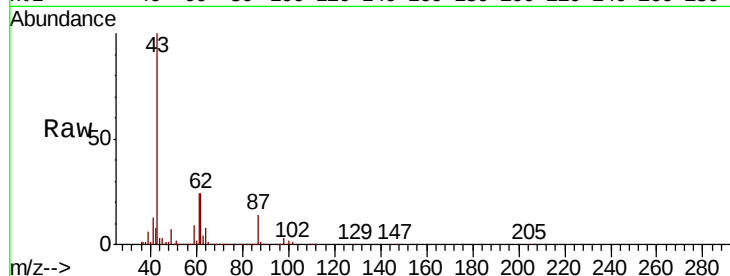
Tgt Ion: 43 Resp: 600361

Ion Ratio Lower Upper

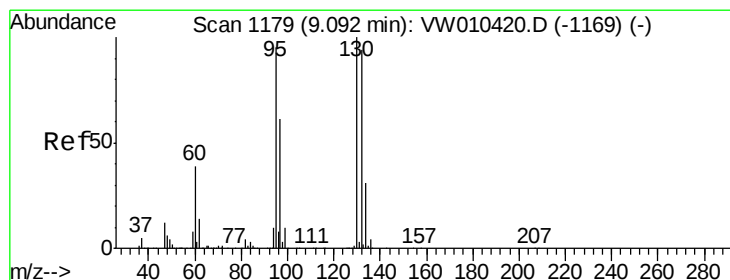
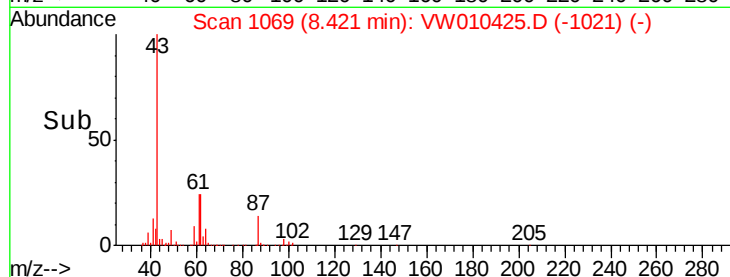
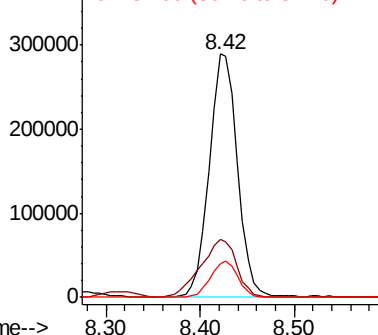
43 100

61 30.5 24.4 36.6

87 14.7 11.8 17.8



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: 48.820 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010425.D

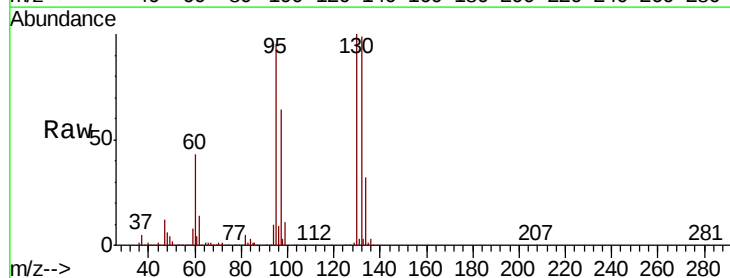
Acq: 17 May 2019 21:53

Tgt Ion: 130 Resp: 456676

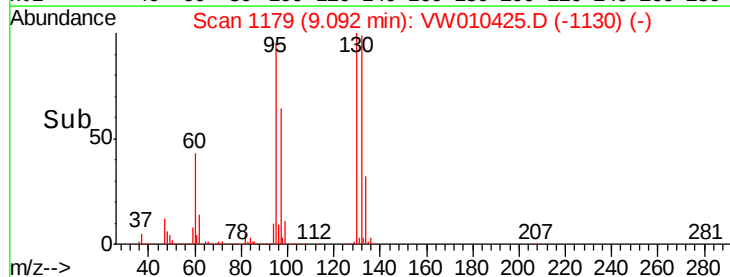
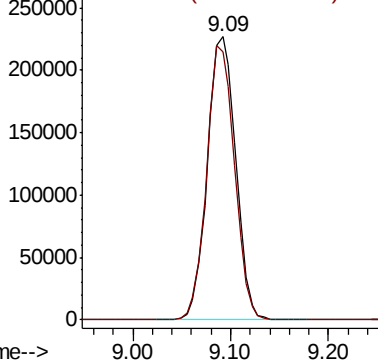
Ion Ratio Lower Upper

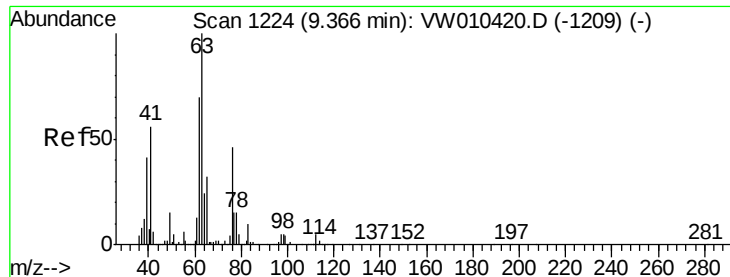
130 100

95 94.6 0.0 190.4



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





#45

1,2-Dichloropropane

Concen: 50.115 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

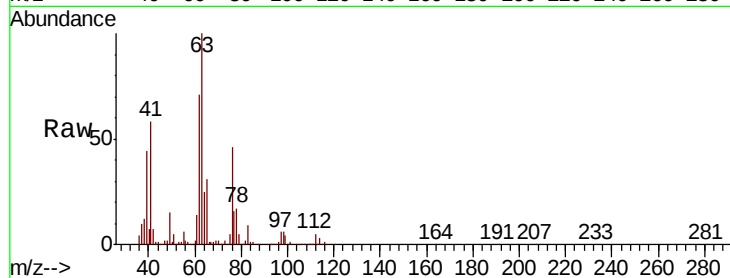
VSTDCCC050

Tgt Ion: 63 Resp: 400542

Ion Ratio Lower Upper

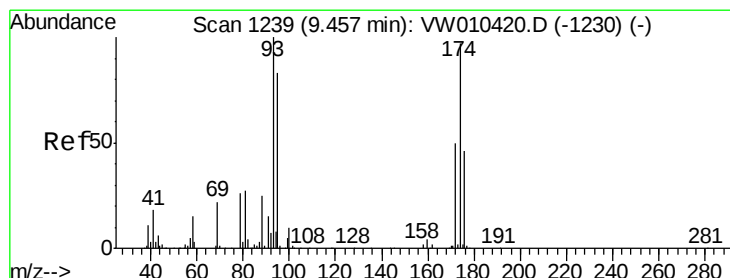
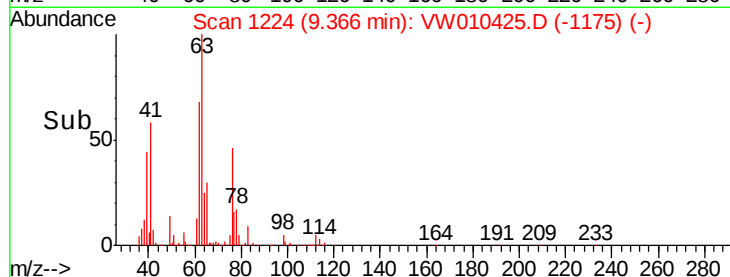
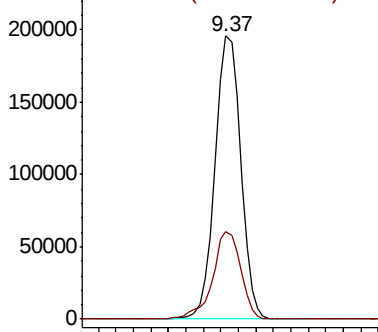
63 100

65 31.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.530 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

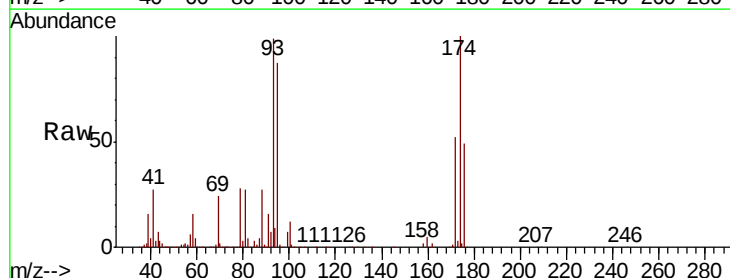
Tgt Ion: 93 Resp: 243289

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

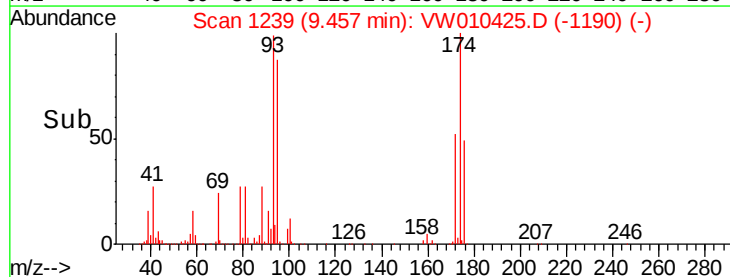
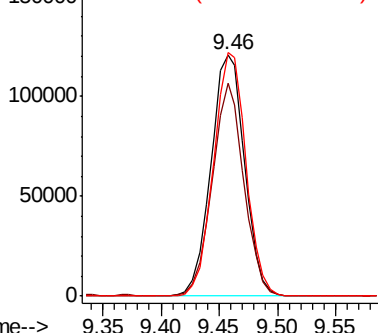
174 97.6 76.4 114.6

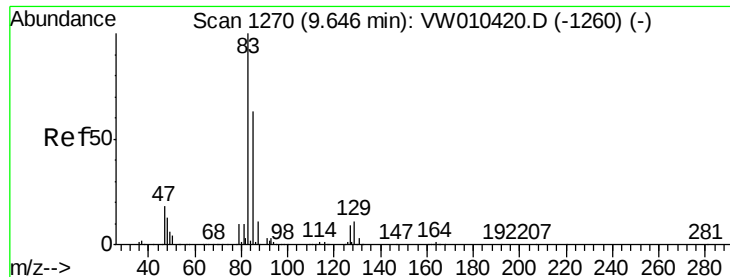


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.632 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

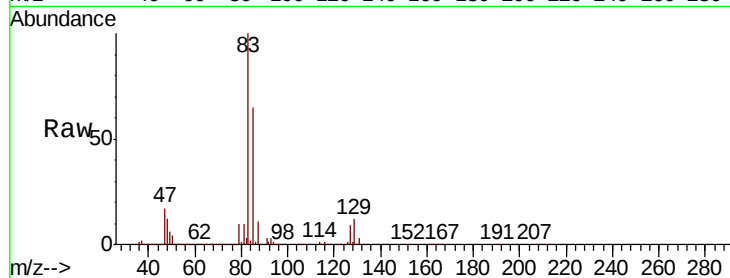
Tgt Ion: 83 Resp: 594030

Ion Ratio Lower Upper

83 100

85 65.3 50.0 75.0

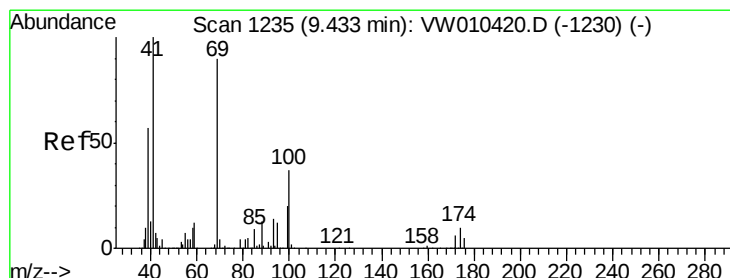
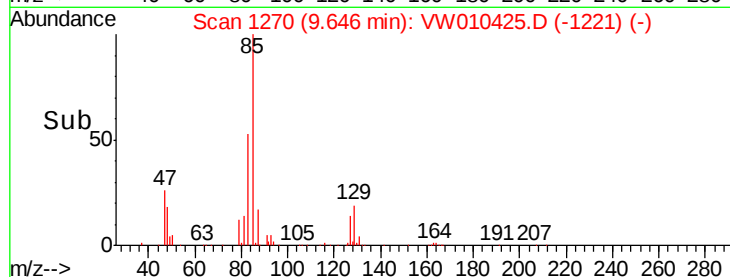
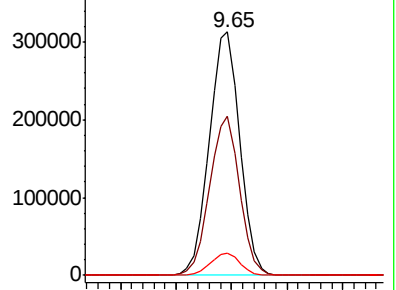
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.648 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

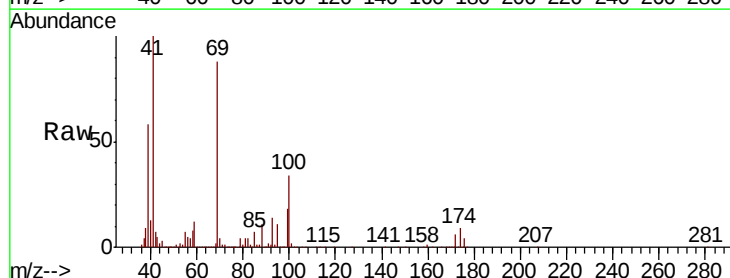
Tgt Ion: 41 Resp: 271177

Ion Ratio Lower Upper

41 100

69 95.4 75.2 112.8

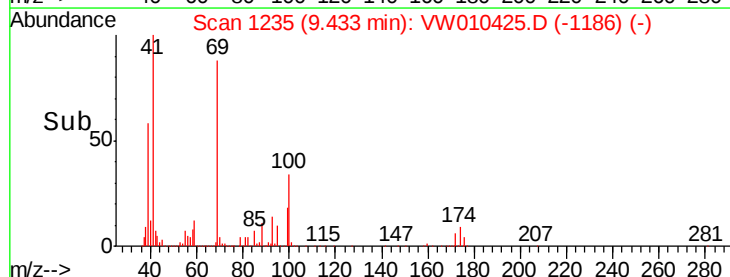
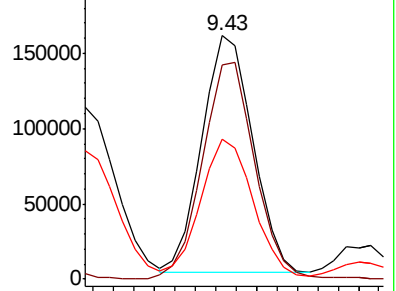
39 58.9 46.8 70.2

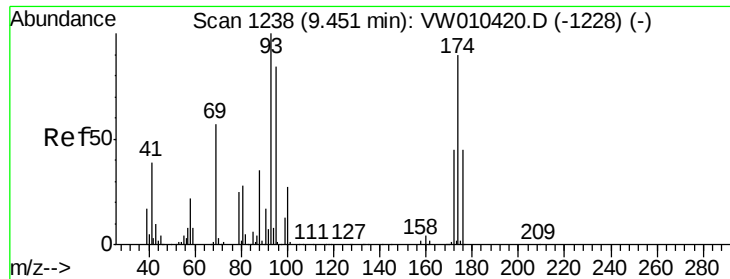


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

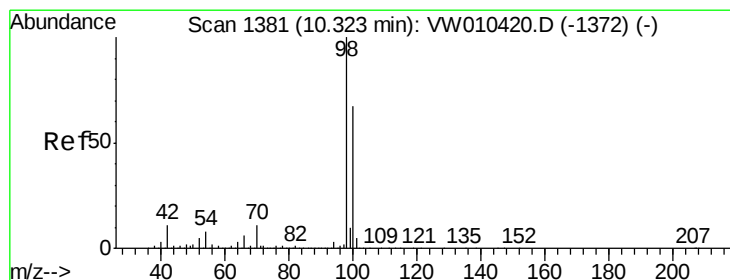
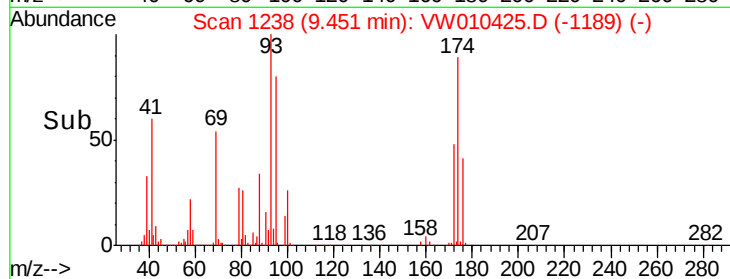
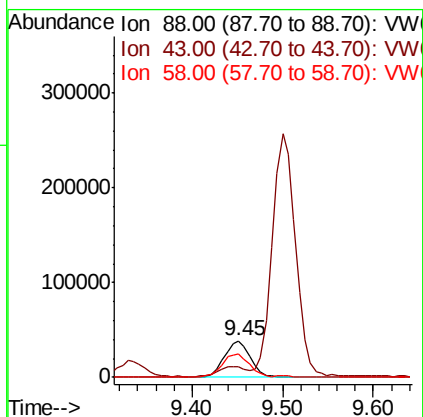
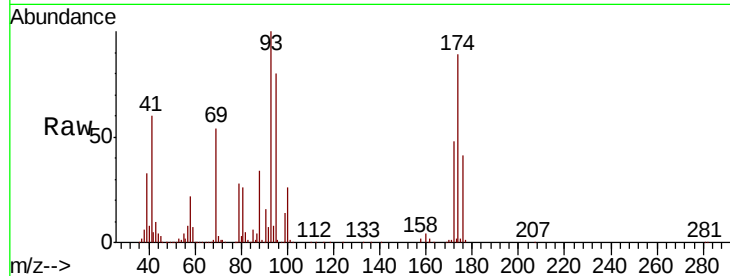




#49
1,4-Dioxane
Concen: 1113.167 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

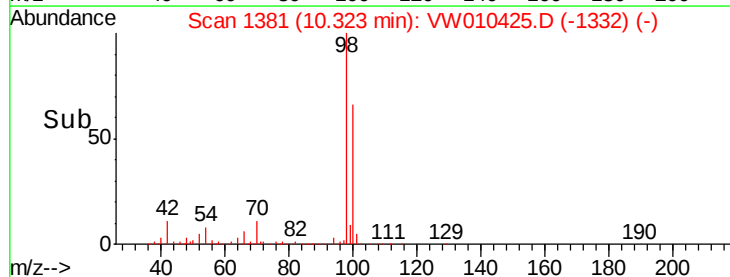
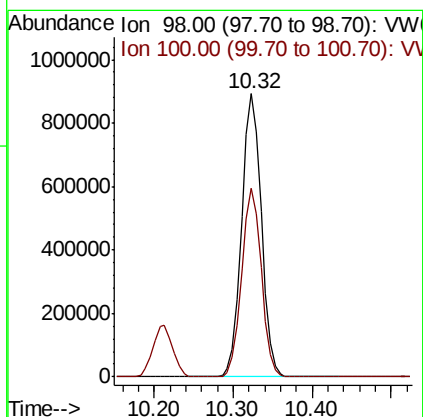
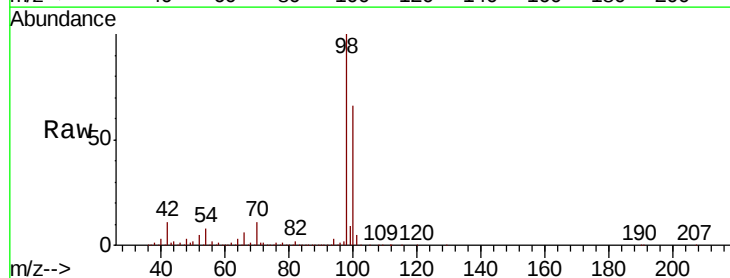
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

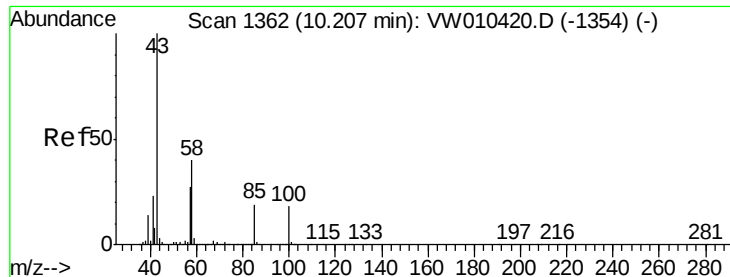
Tgt Ion: 88 Resp: 77781
Ion Ratio Lower Upper
88 100
43 29.2 24.9 37.3
58 66.4 55.0 82.6



#50
Toluene-d8
Concen: 52.081 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 98 Resp: 1550082
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 270.438 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

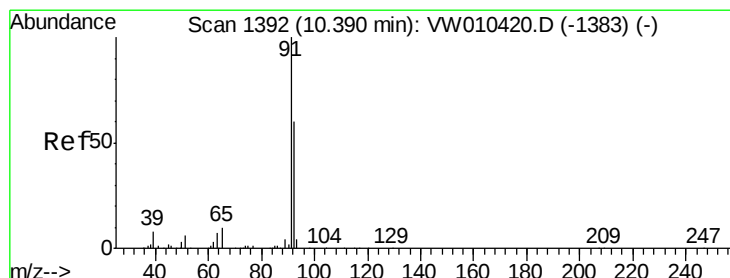
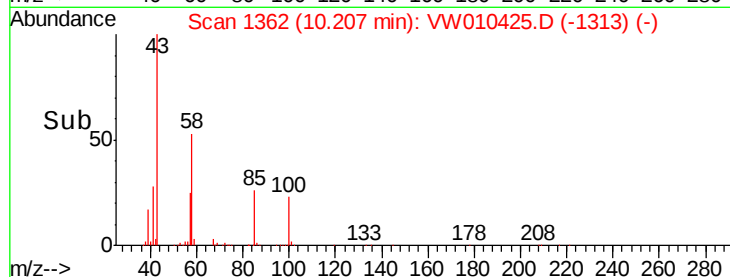
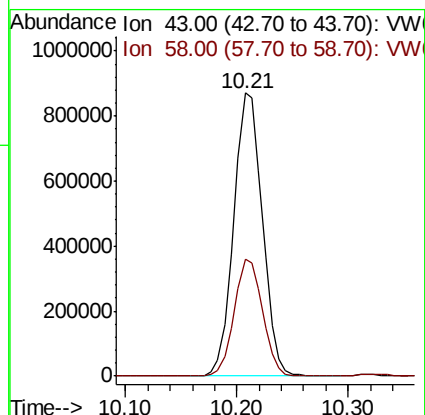
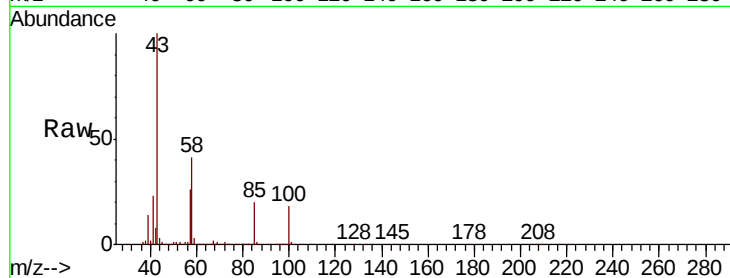
VSTDCCC050

Tgt Ion: 43 Resp: 1546304

Ion Ratio Lower Upper

43 100

58 41.1 32.7 49.1



#52

Toluene

Concen: 47.905 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010425.D

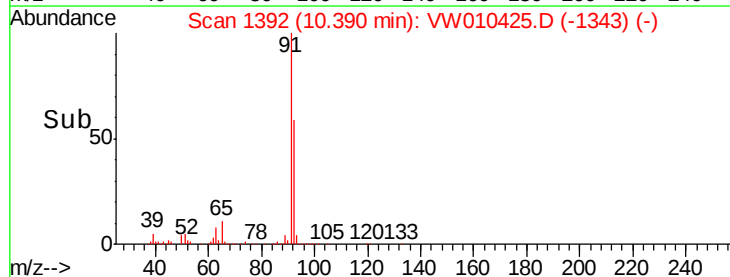
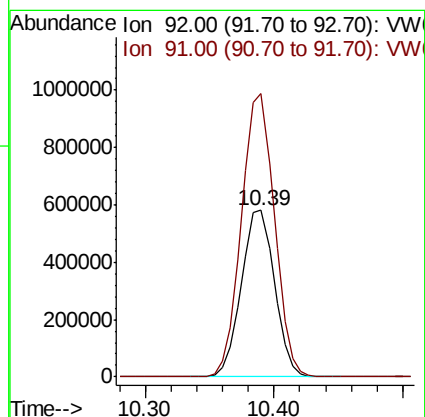
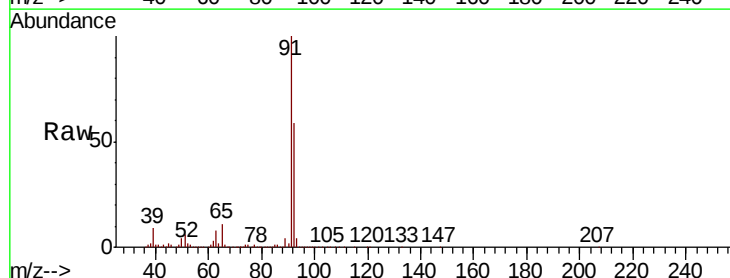
Acq: 17 May 2019 21:53

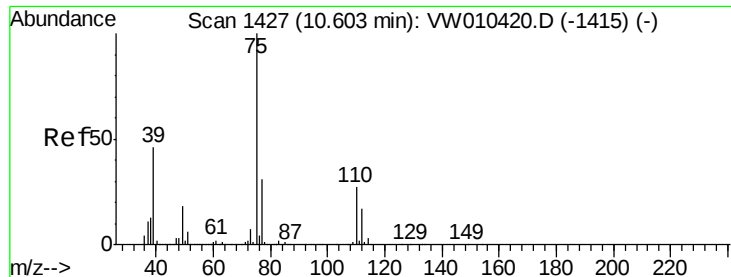
Tgt Ion: 92 Resp: 1038801

Ion Ratio Lower Upper

92 100

91 168.7 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 50.178 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

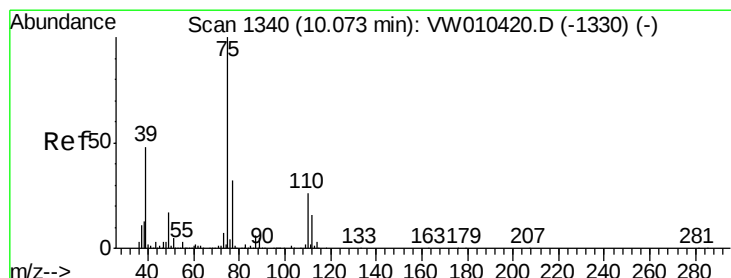
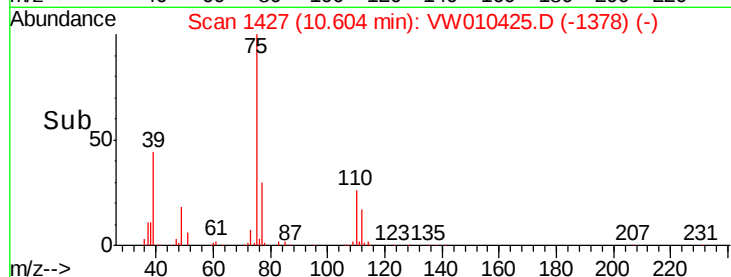
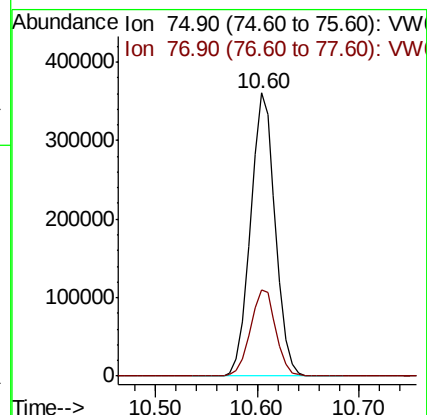
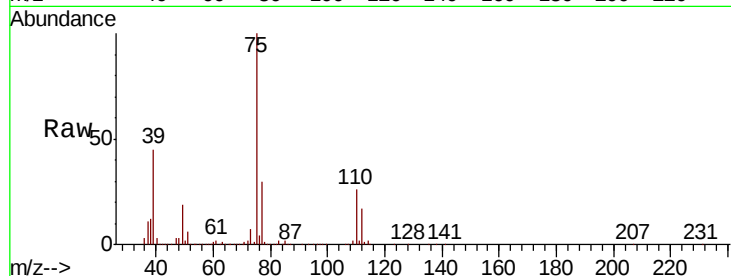
VSTDCCC050

Tgt Ion: 75 Resp: 607151

Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 49.278 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

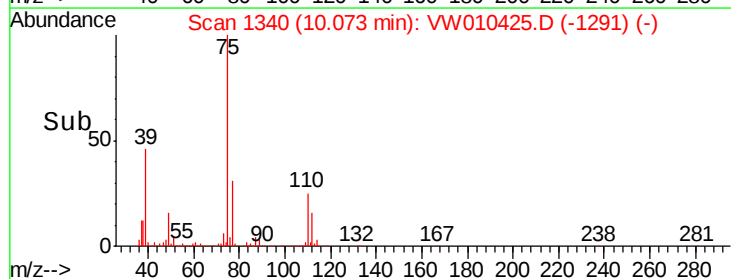
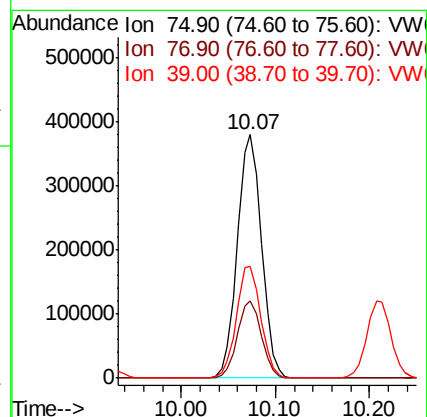
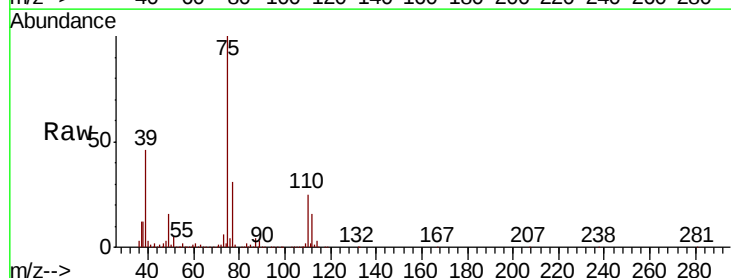
Tgt Ion: 75 Resp: 675985

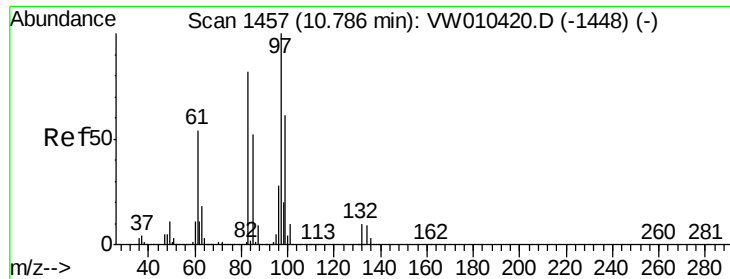
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 45.8 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 51.936 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 353788

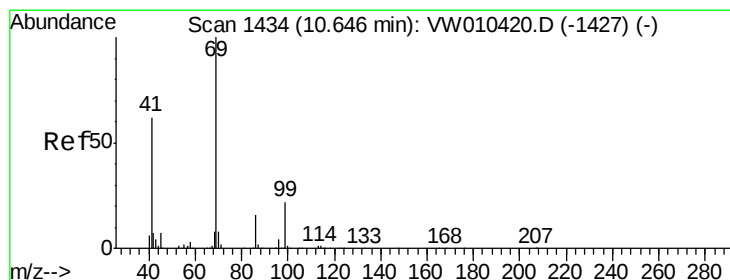
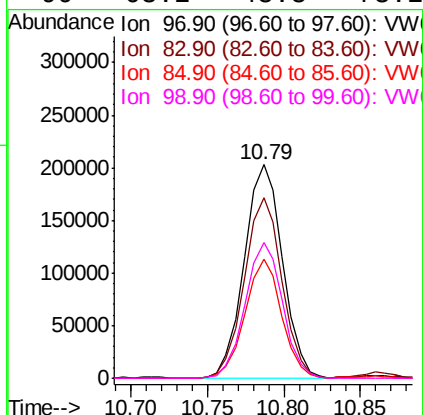
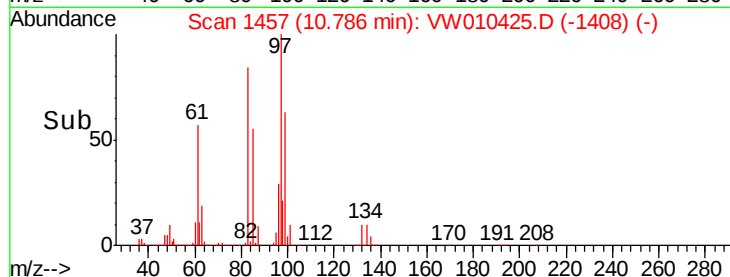
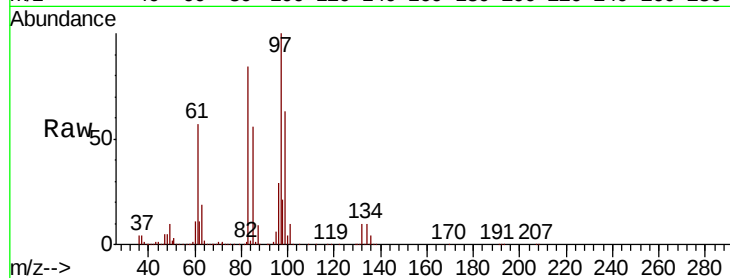
Ion Ratio Lower Upper

97 100

83 84.3 65.6 98.4

85 55.5 41.6 62.4

99 63.2 48.8 73.2



#56

Ethyl methacrylate

Concen: 52.207 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

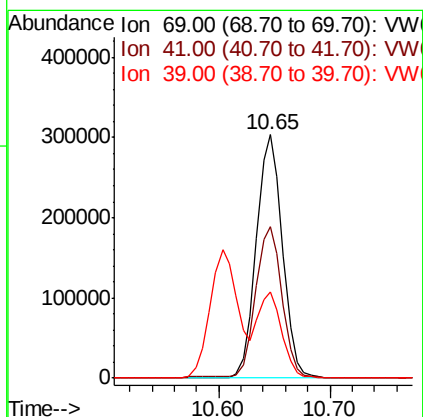
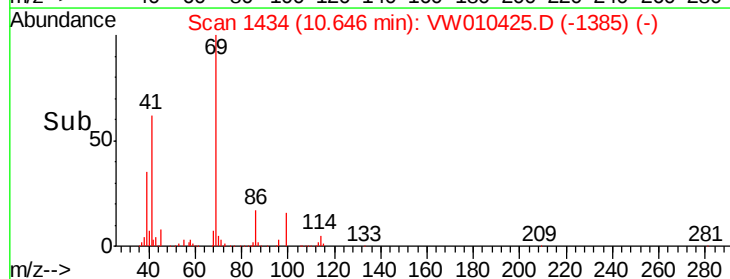
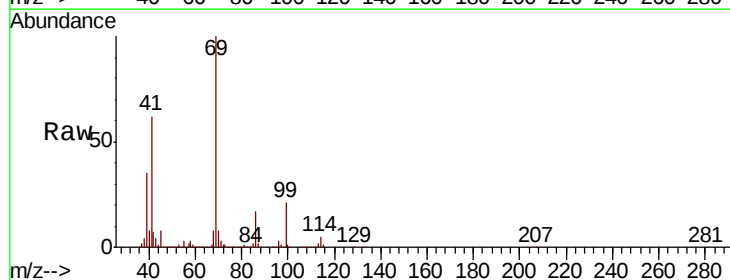
Tgt Ion: 69 Resp: 496244

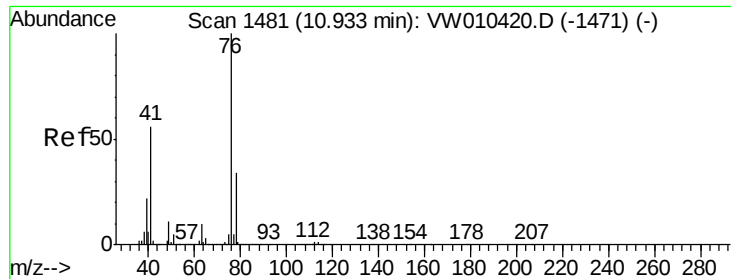
Ion Ratio Lower Upper

69 100

41 62.0 50.0 75.0

39 32.5 26.5 39.7

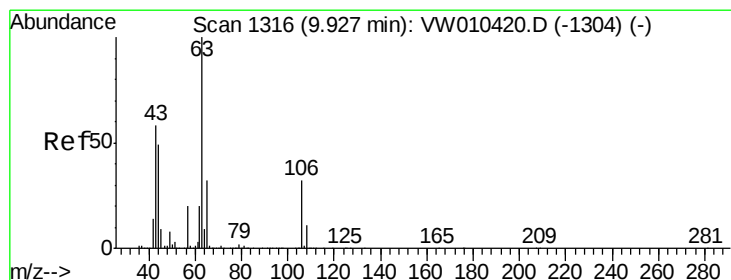
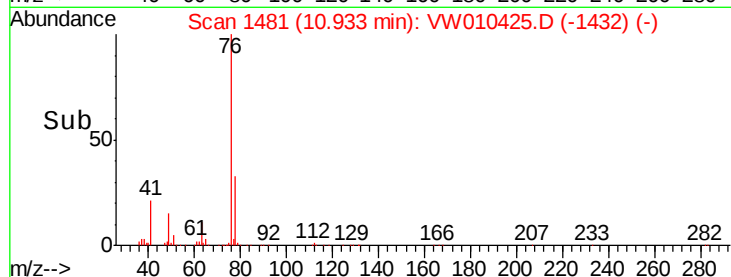
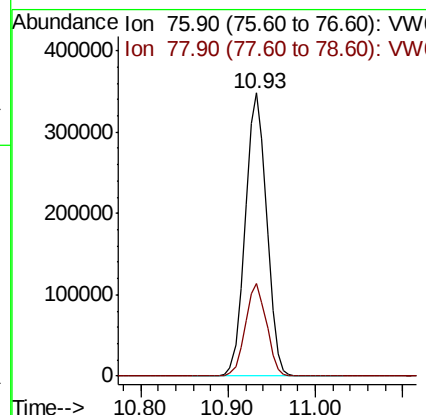
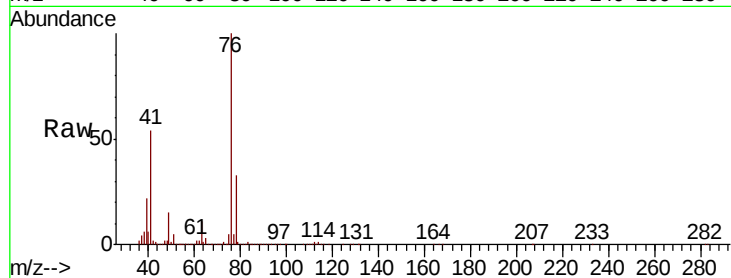




#57
 1,3-Dichloropropane
 Concen: 51.753 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

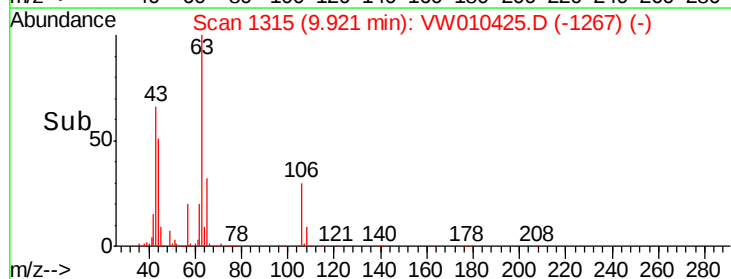
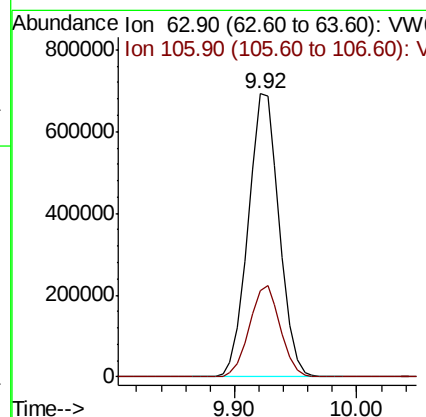
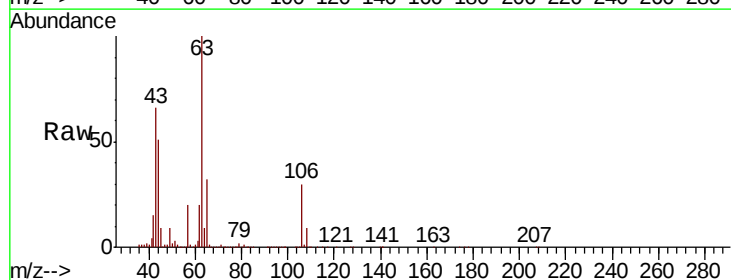
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

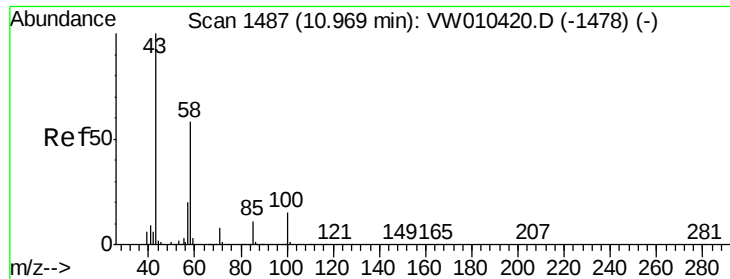
Tgt Ion: 76 Resp: 590988
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.253 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Tgt Ion: 63 Resp: 1220609
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.2 37.8

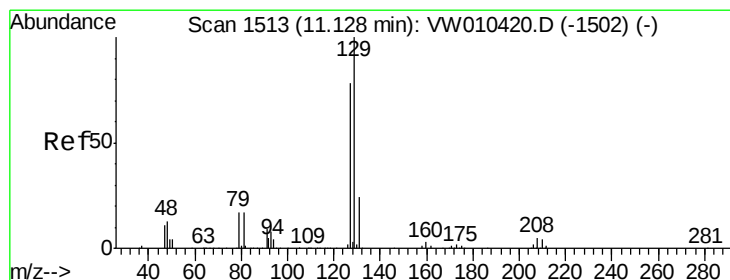
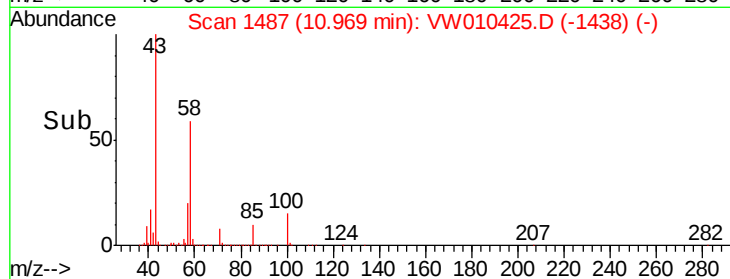
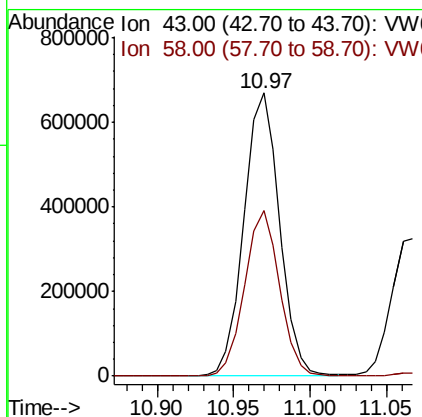
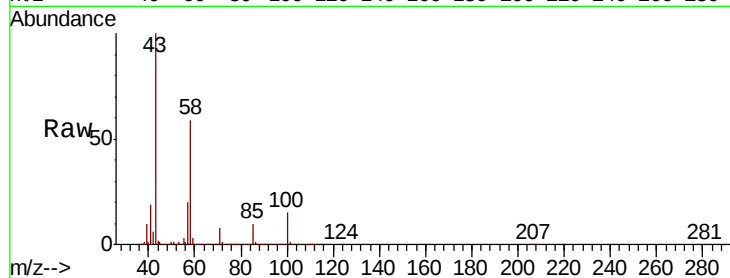




#59
2-Hexanone
Concen: 271.395 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

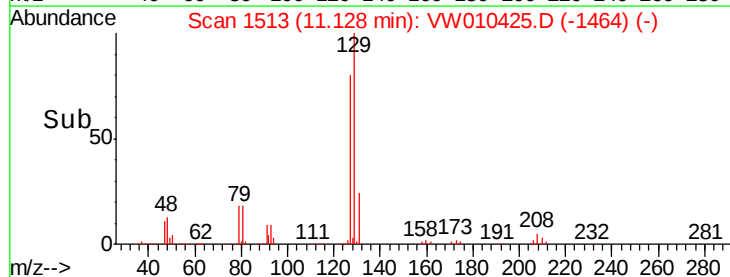
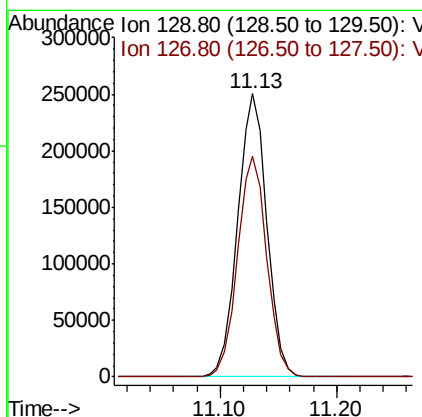
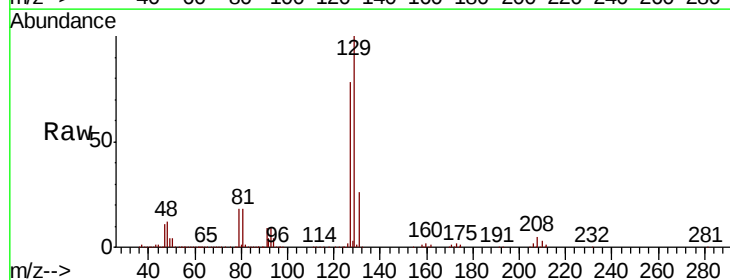
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

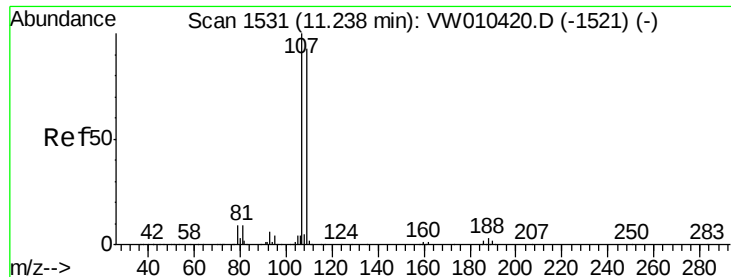
Tgt Ion: 43 Resp: 1080560
Ion Ratio Lower Upper
43 100
58 57.6 28.5 85.6



#60
Dibromochloromethane
Concen: 51.552 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 129 Resp: 435775
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





#61

1,2-Dibromoethane

Concen: 51.910 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

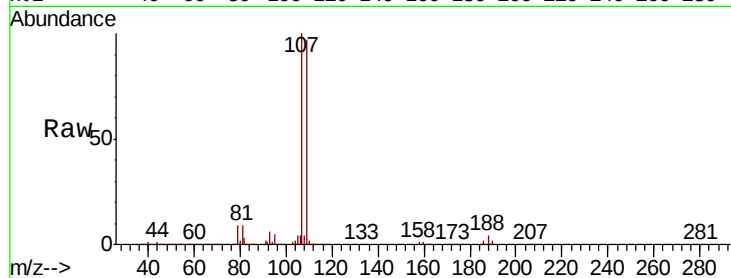
VSTDCCC050

Tgt Ion: 107 Resp: 358374

Ion Ratio Lower Upper

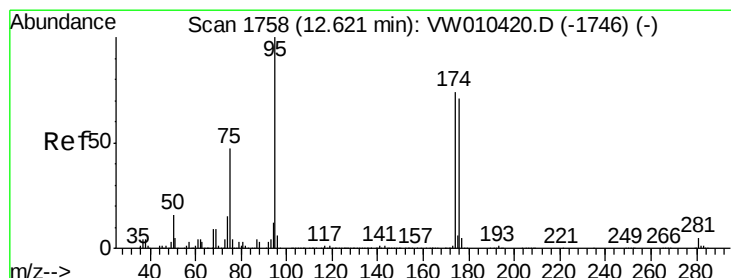
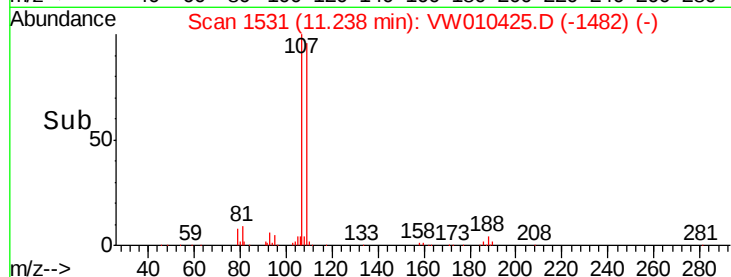
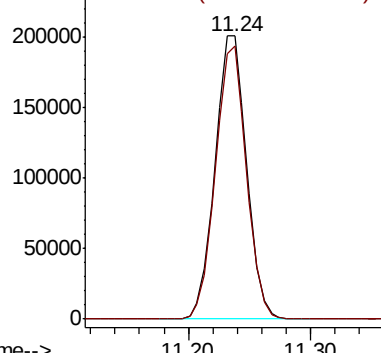
107 100

109 95.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.473 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

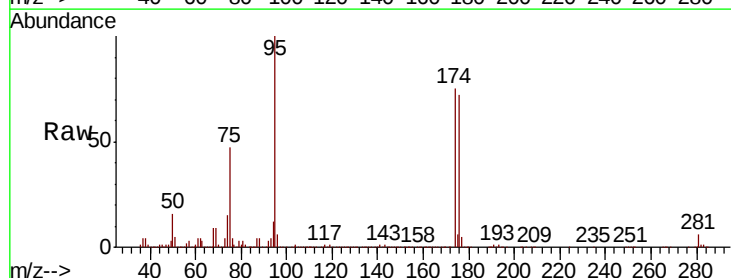
Tgt Ion: 95 Resp: 601475

Ion Ratio Lower Upper

95 100

174 73.9 0.0 146.6

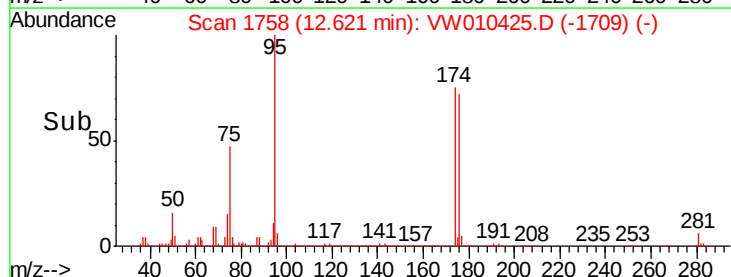
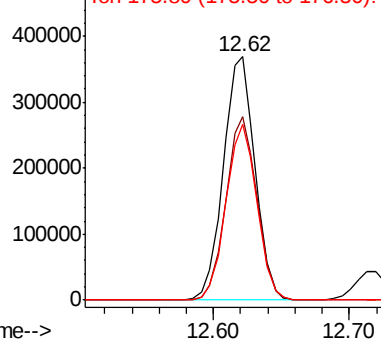
176 70.7 0.0 141.4

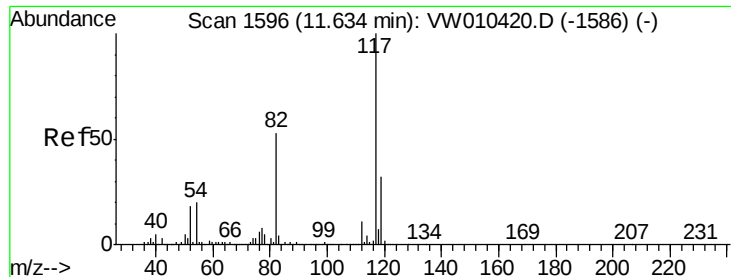


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

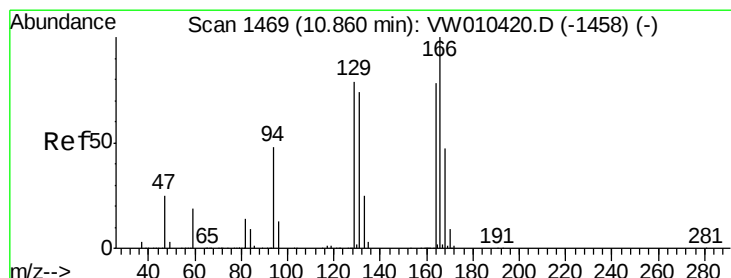
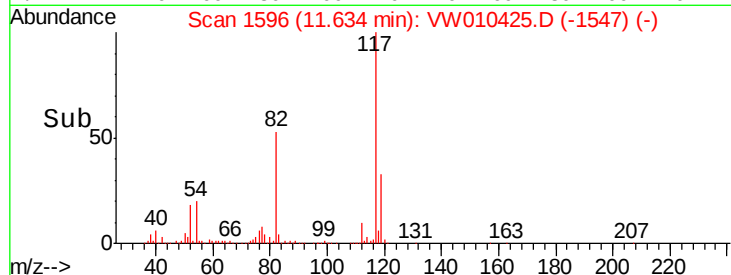
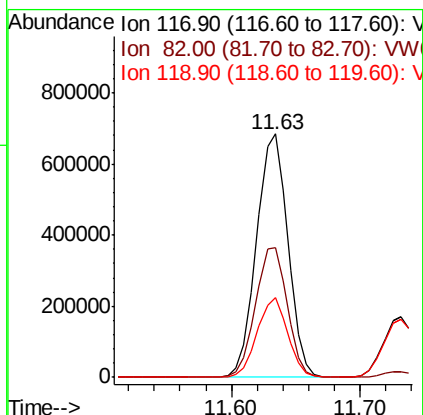
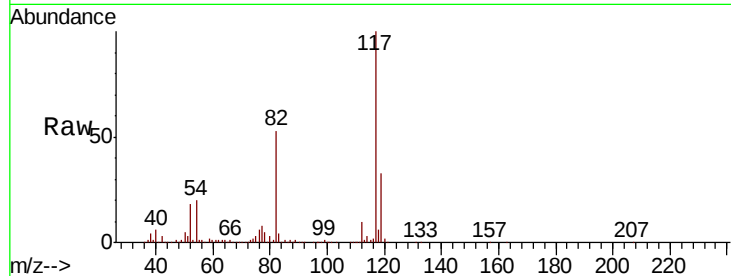




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

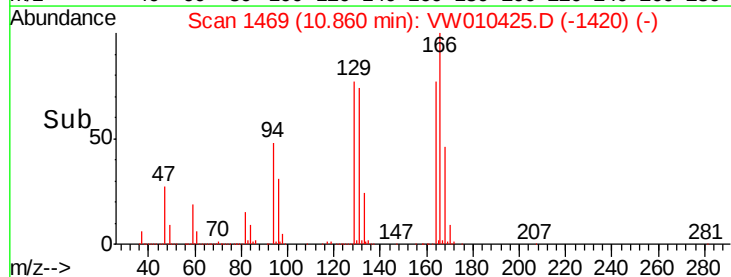
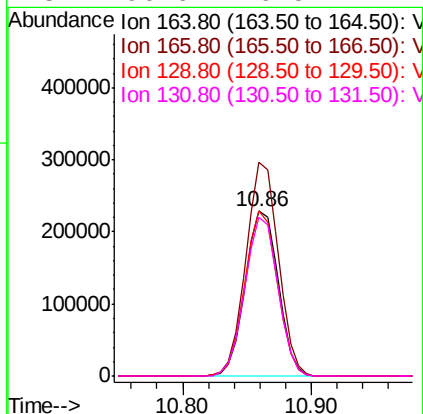
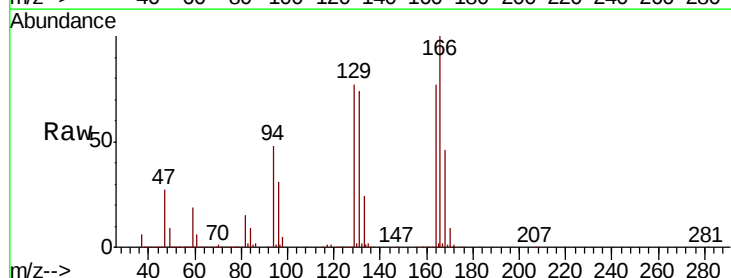
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

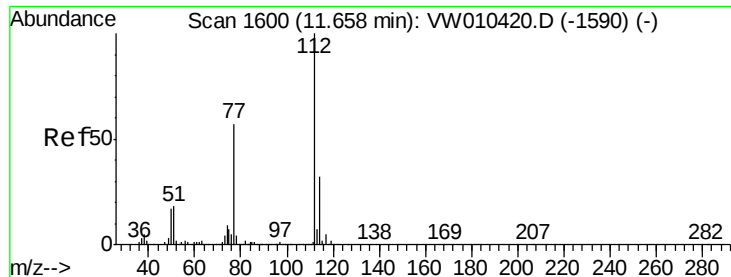
Tgt Ion:117 Resp: 1152566
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 53.281 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion:164 Resp: 403918
Ion Ratio Lower Upper
164 100
166 129.8 103.2 154.8
129 100.6 81.6 122.4
131 96.6 76.5 114.7

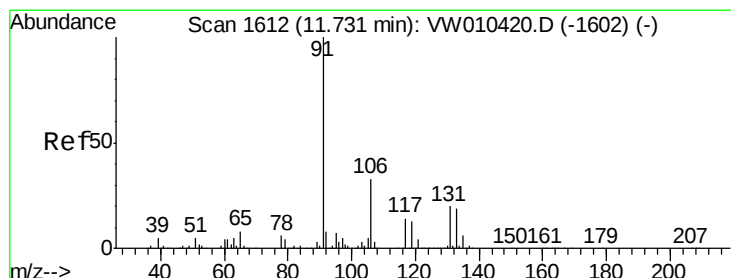
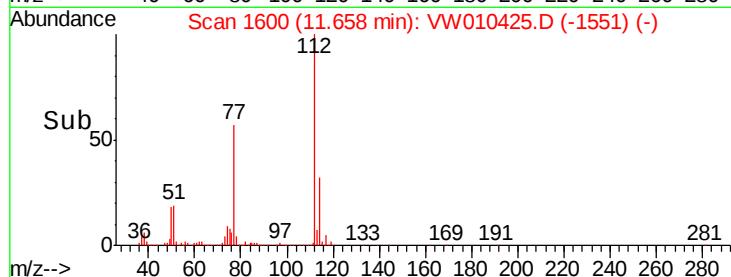
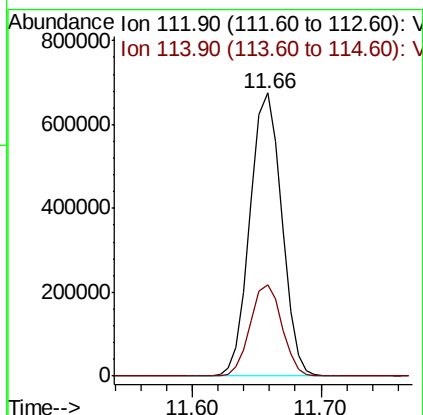
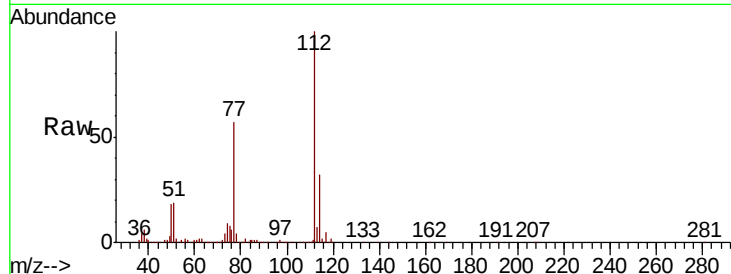




#65
Chlorobenzene
Concen: 49.117 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

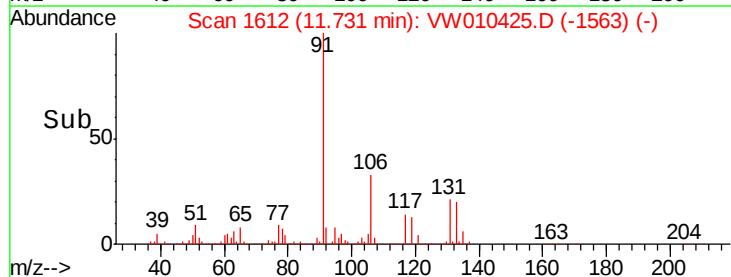
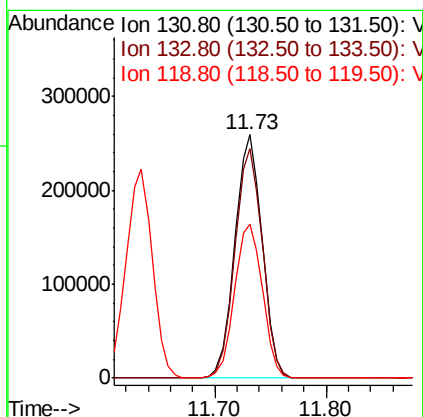
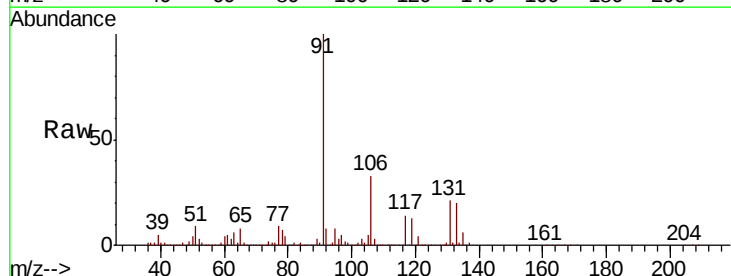
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

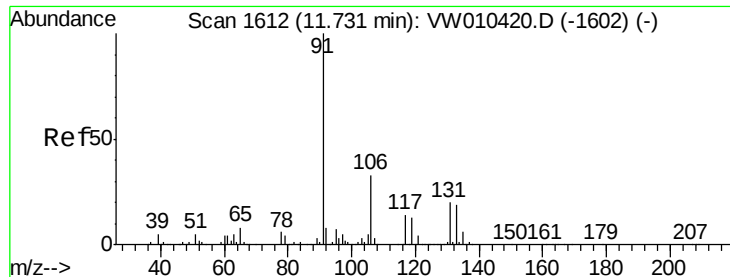
Tgt Ion:112 Resp: 1149552
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.640 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion:131 Resp: 437668
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 64.8 32.4 97.0

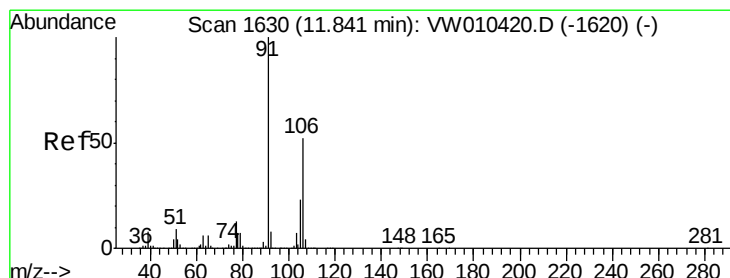
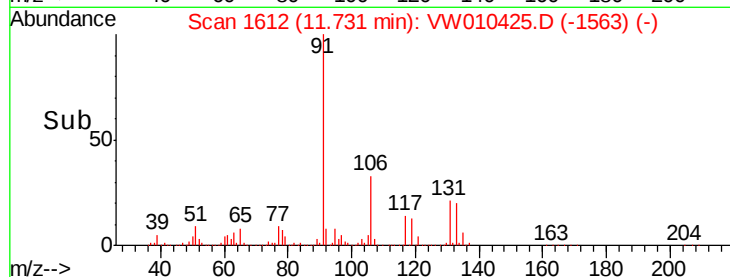
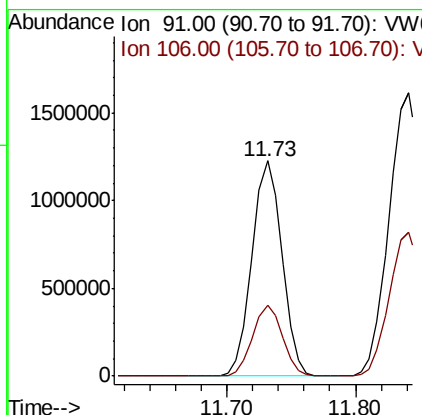
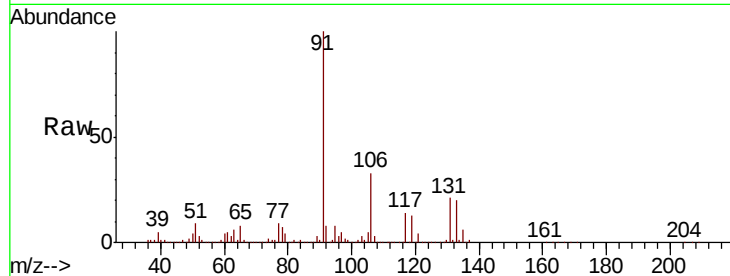




#67
Ethyl Benzene
Concen: 47.889 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

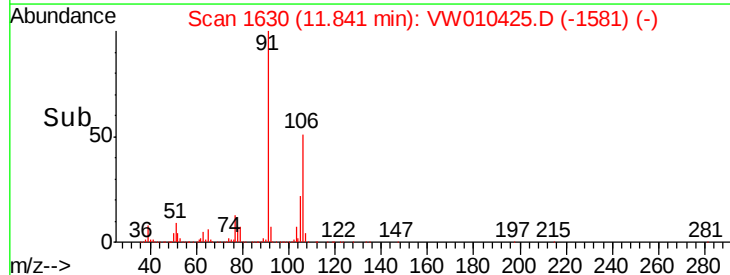
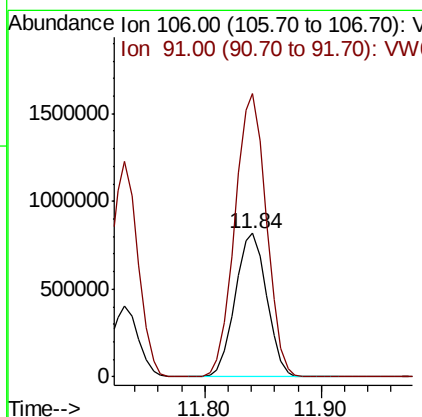
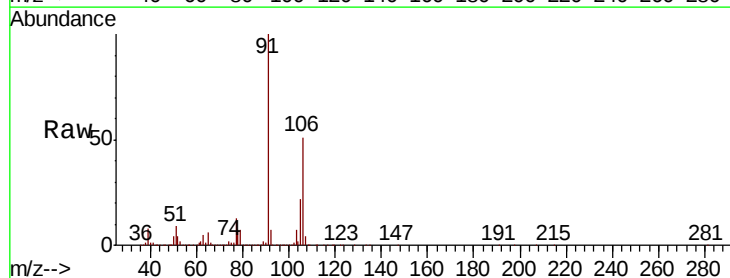
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

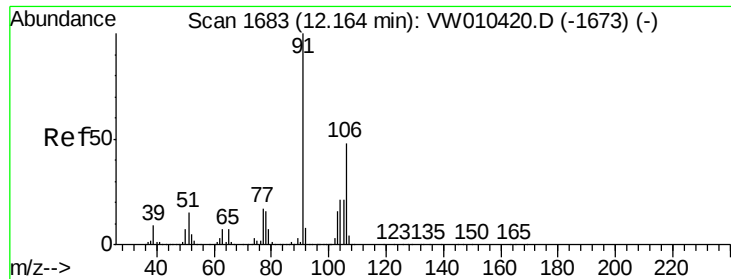
Tgt Ion: 91 Resp: 1974326
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7



#68
m/p-Xylenes
Concen: 95.849 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 106 Resp: 1546634
Ion Ratio Lower Upper
106 100
91 196.4 156.2 234.2

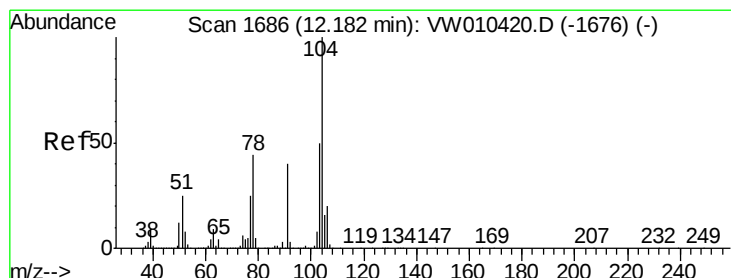
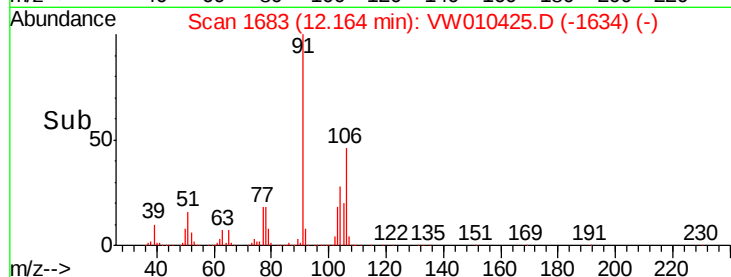
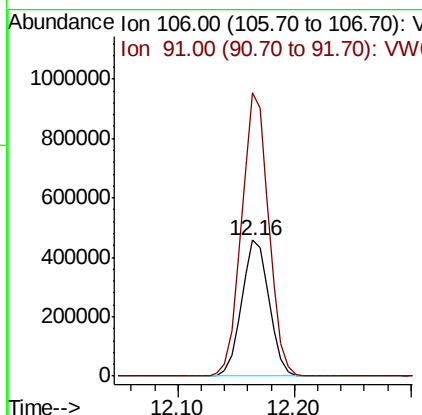
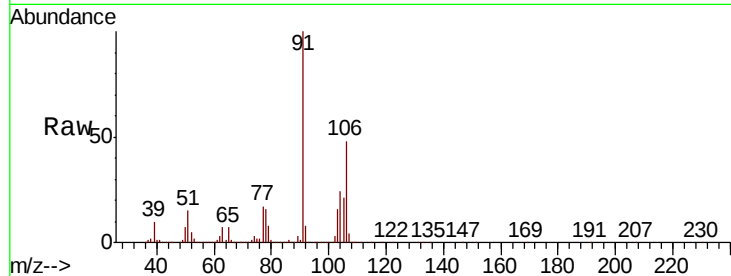




#69
o-Xylene
Concen: 48.845 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

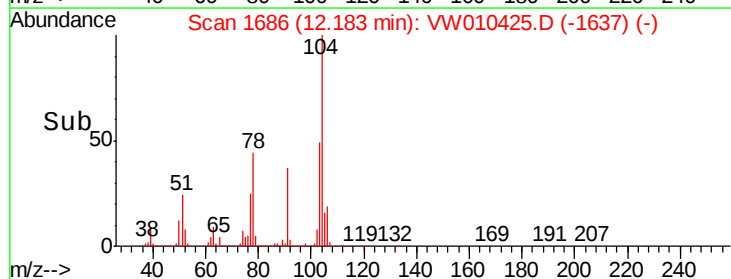
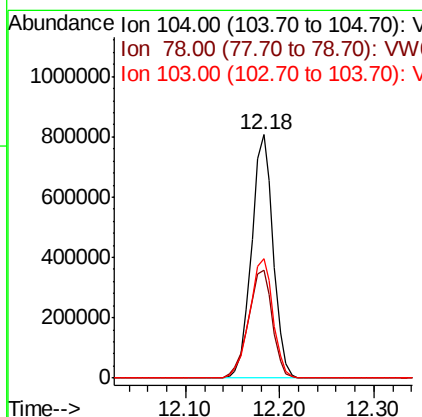
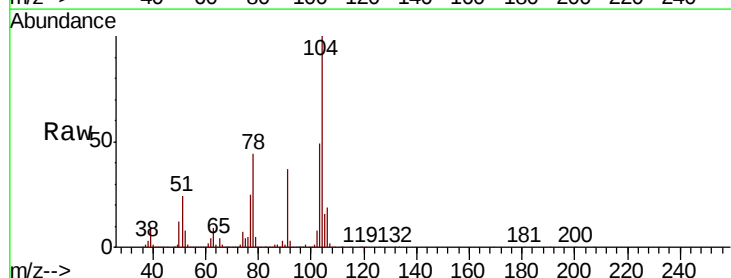
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

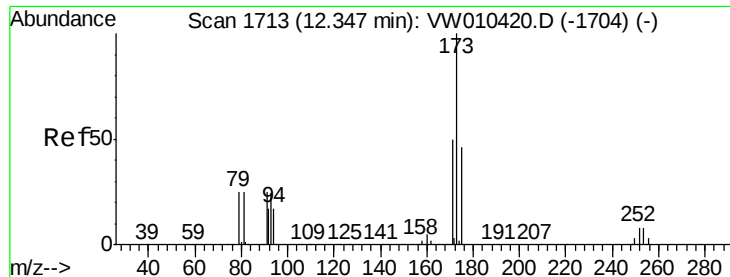
Tgt Ion:106 Resp: 751323
Ion Ratio Lower Upper
106 100
91 205.6 102.5 307.5



#70
Styrene
Concen: 49.264 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion:104 Resp: 1304743
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.0
103 53.4 43.4 65.0





#71

Bromoform

Concen: 53.412 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

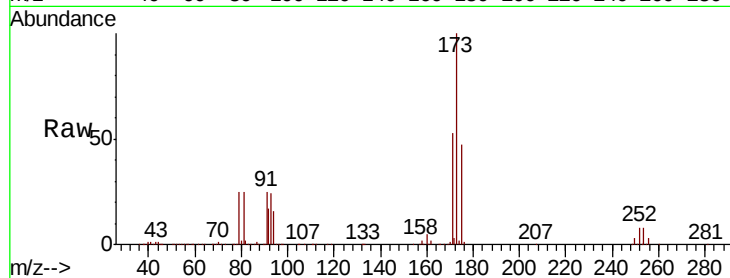
Tgt Ion:173 Resp: 260102

Ion Ratio Lower Upper

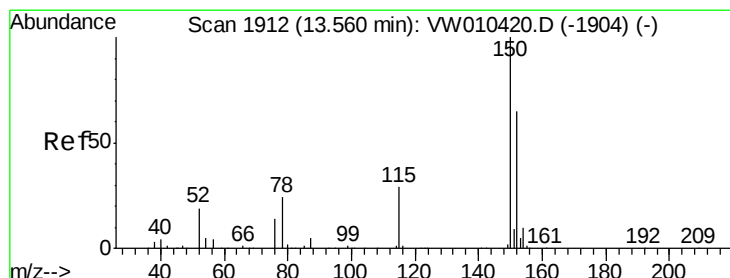
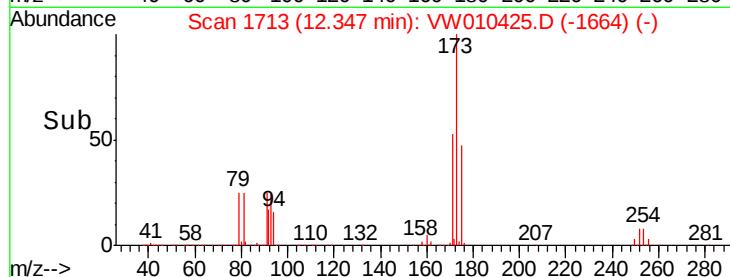
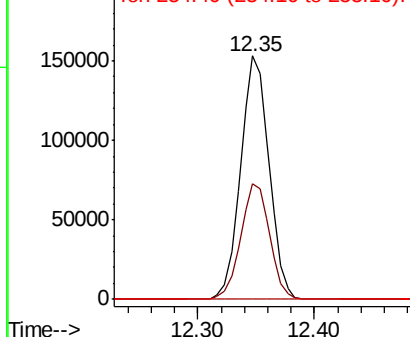
173 100

175 48.4 23.8 71.2

254 0.1 0.2 0.2#



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: VW010425.D

Acq: 17 May 2019 21:53

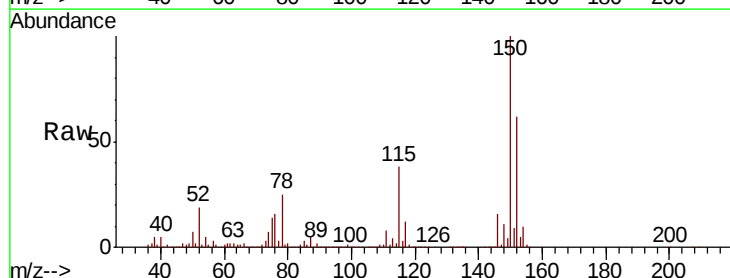
Tgt Ion:152 Resp: 558011

Ion Ratio Lower Upper

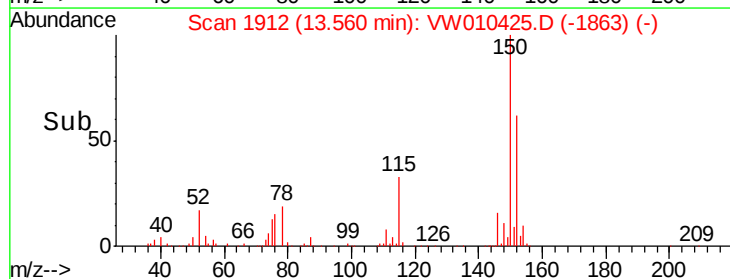
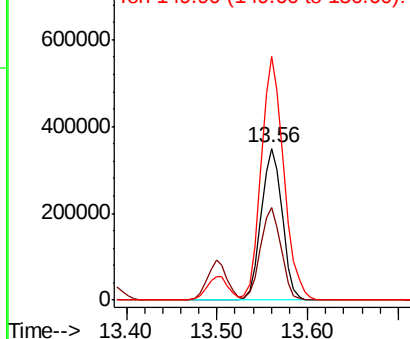
152 100

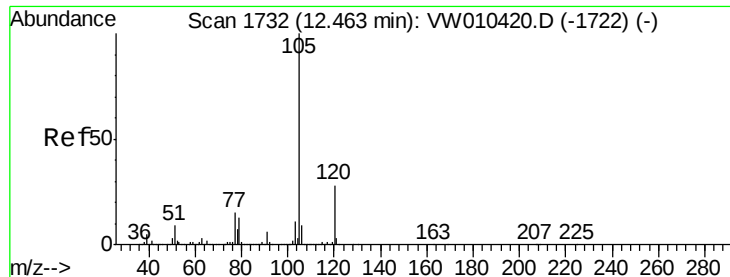
115 59.9 30.0 90.1

150 172.6 0.0 350.2



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: 45.726 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

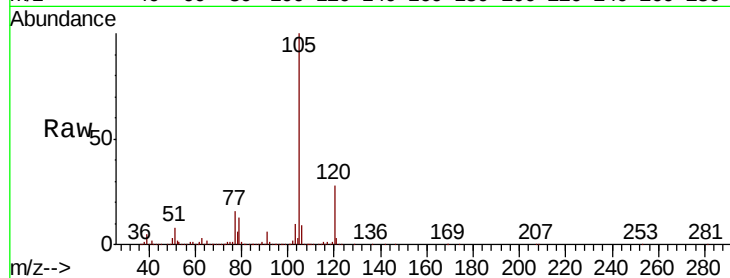
VSTDCCC050

Tgt Ion: 105 Resp: 1972984

Ion Ratio Lower Upper

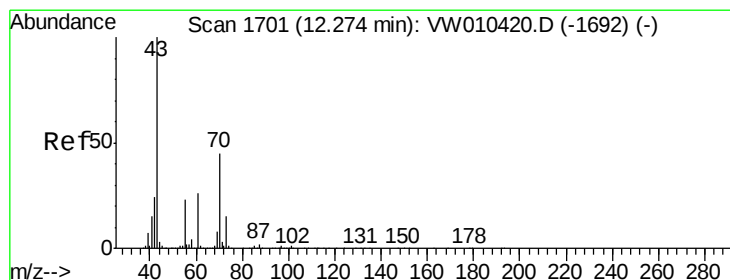
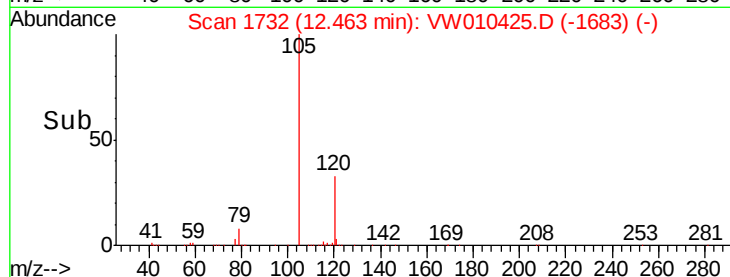
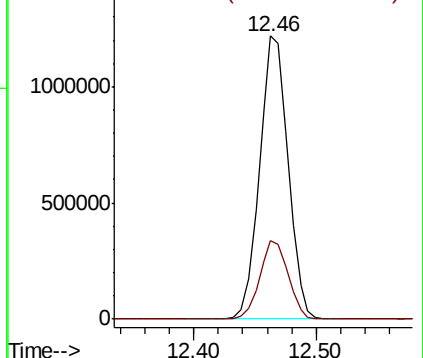
105 100

120 27.6 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.170 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Tgt Ion: 43 Resp: 565809

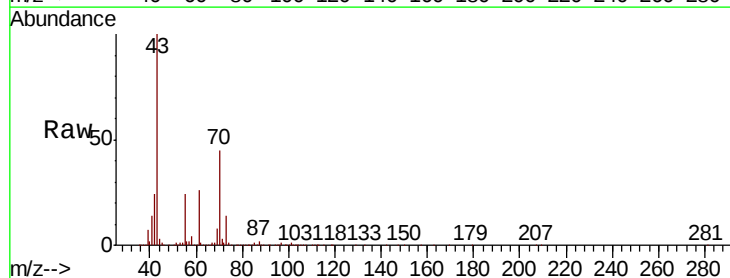
Ion Ratio Lower Upper

43 100

70 45.1 36.4 54.6

55 23.6 19.0 28.6

61 25.8 20.6 31.0

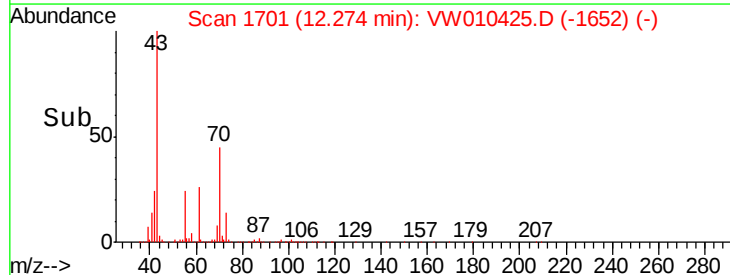
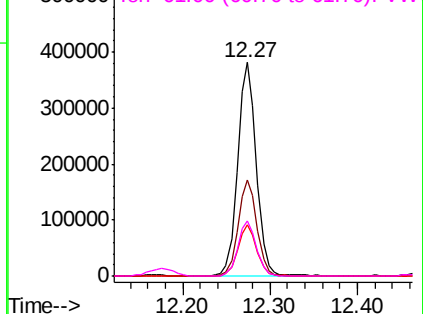


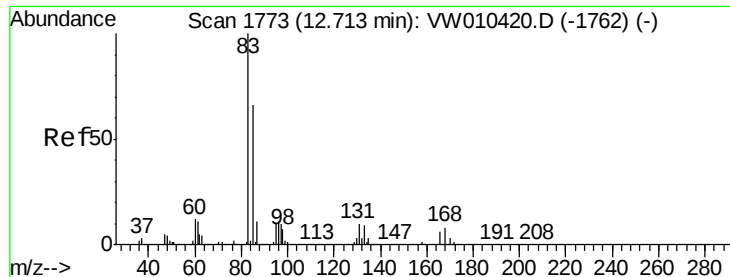
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.030 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

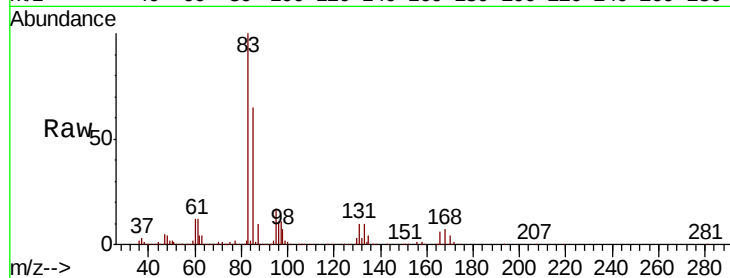
Tgt Ion: 83 Resp: 427539

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

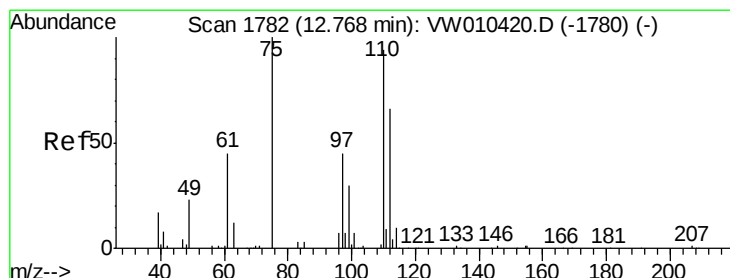
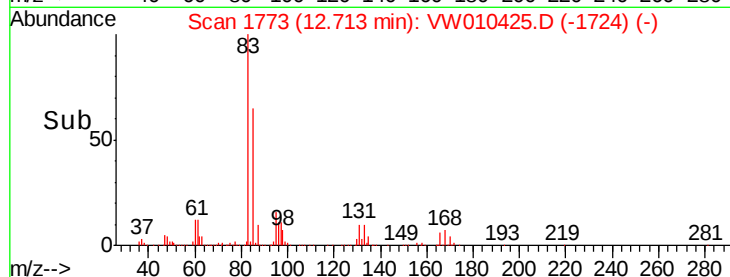
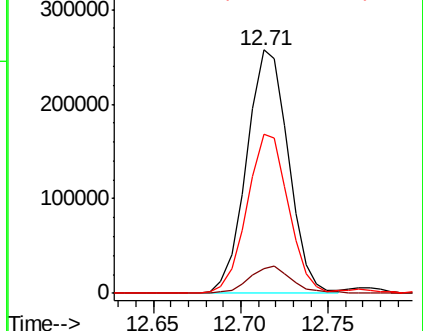
85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.953 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010425.D

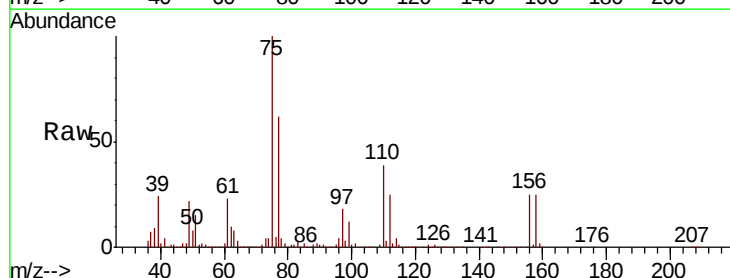
Acq: 17 May 2019 21:53

Tgt Ion: 75 Resp: 549446

Ion Ratio Lower Upper

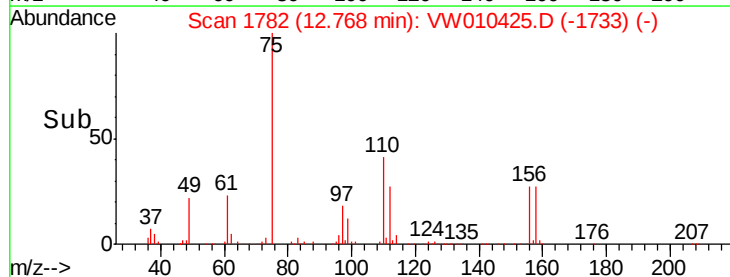
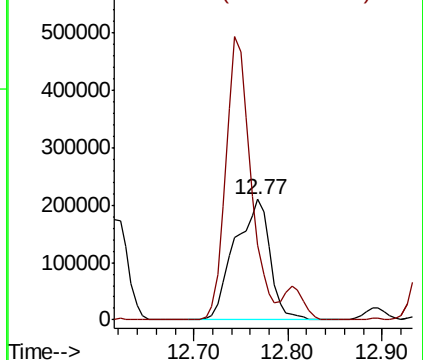
75 100

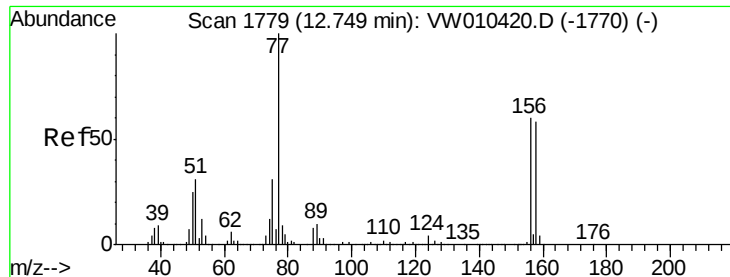
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.188 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

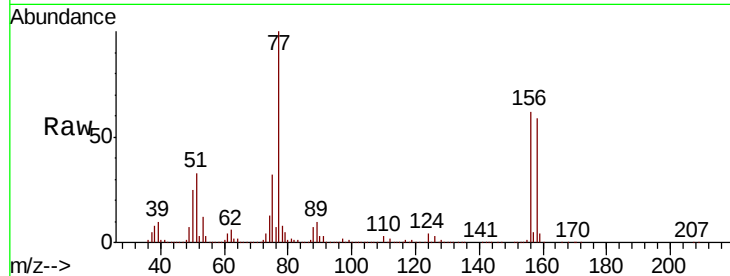
Tgt Ion:156 Resp: 479457

Ion Ratio Lower Upper

156 100

77 189.7 95.7 286.9

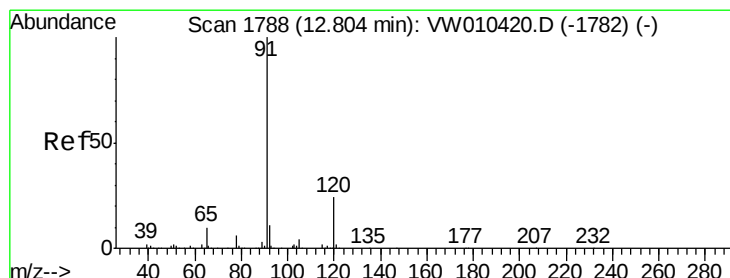
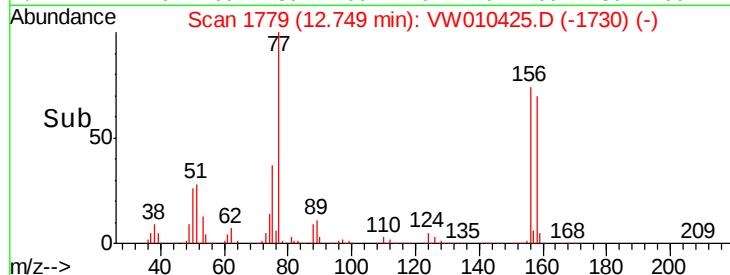
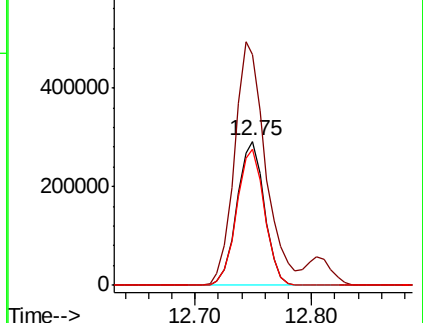
158 95.7 48.9 146.7



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: 45.406 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010425.D

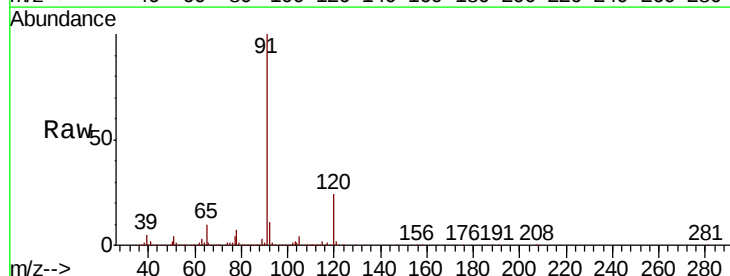
Acq: 17 May 2019 21:53

Tgt Ion: 91 Resp: 2272612

Ion Ratio Lower Upper

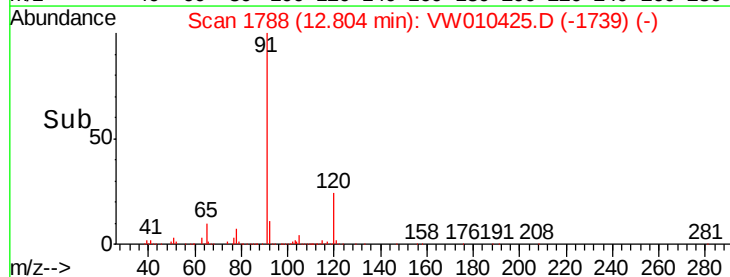
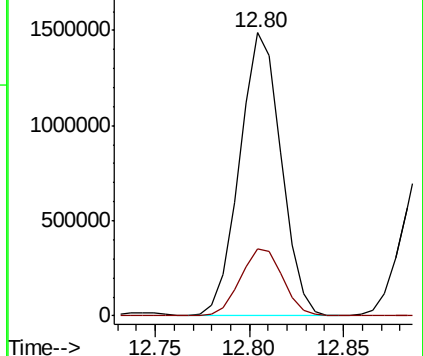
91 100

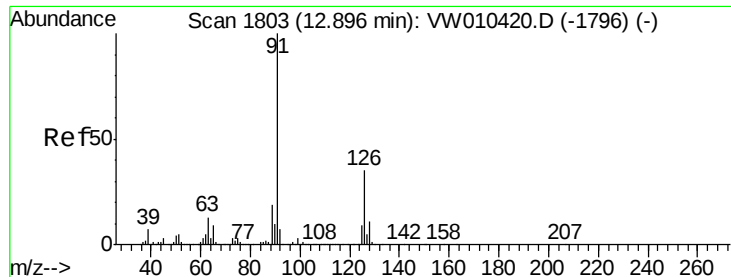
120 24.3 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.835 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

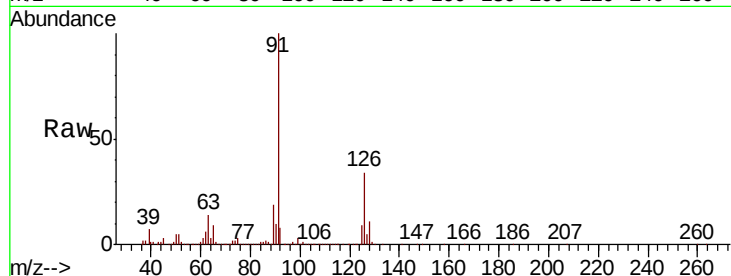
VSTDCCC050

Tgt Ion: 91 Resp: 1368877

Ion Ratio Lower Upper

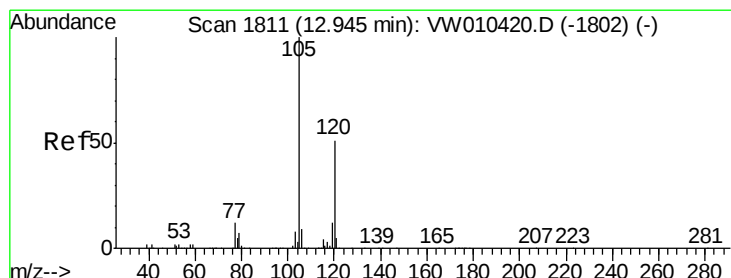
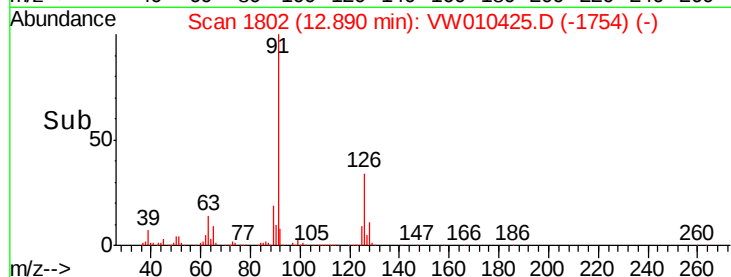
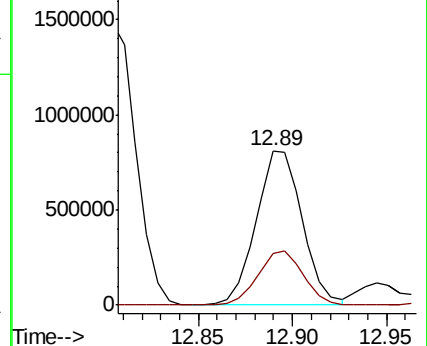
91 100

126 34.6 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.729 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010425.D

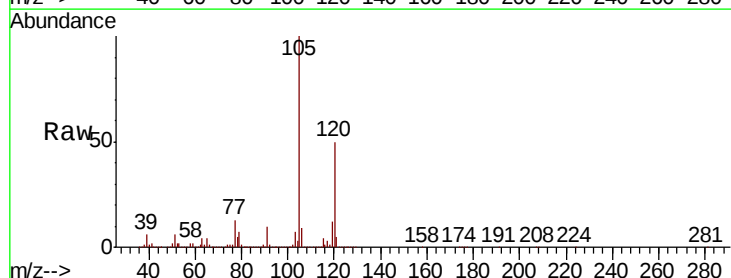
Acq: 17 May 2019 21:53

Tgt Ion: 105 Resp: 1716220

Ion Ratio Lower Upper

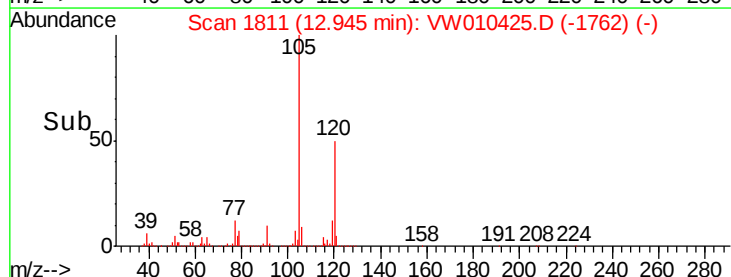
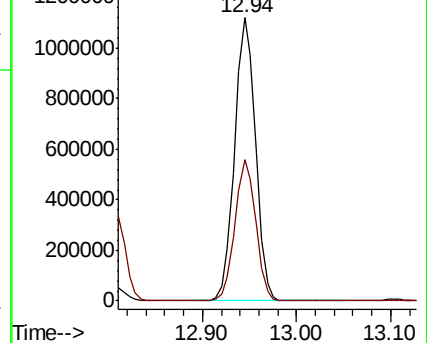
105 100

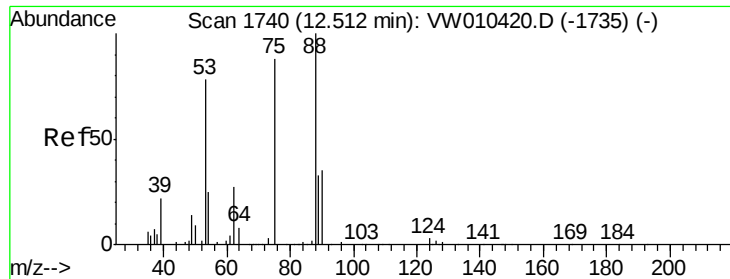
120 49.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

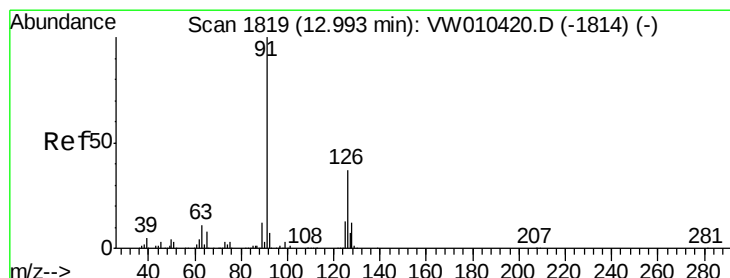
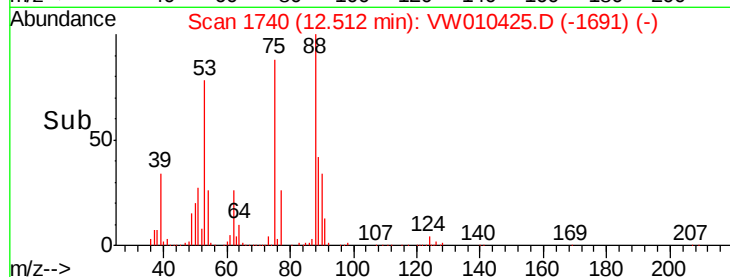
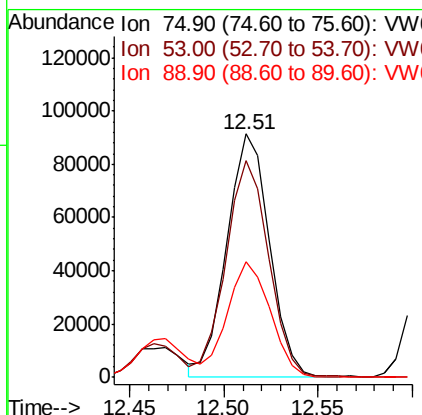
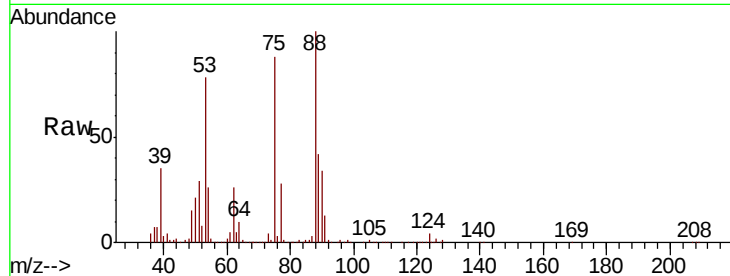




#81
trans-1,4-Dichloro-2-butene
Concen: 47.145 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

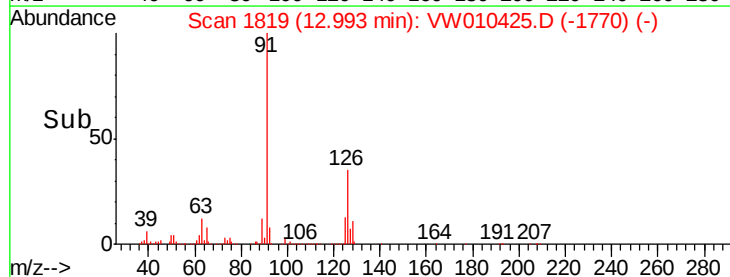
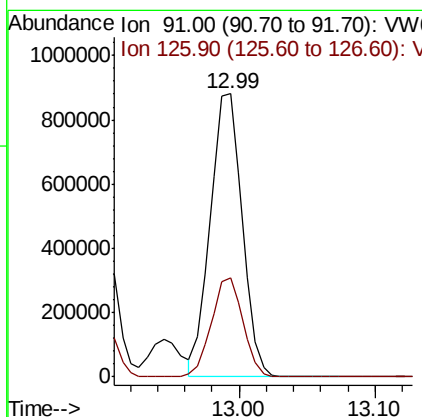
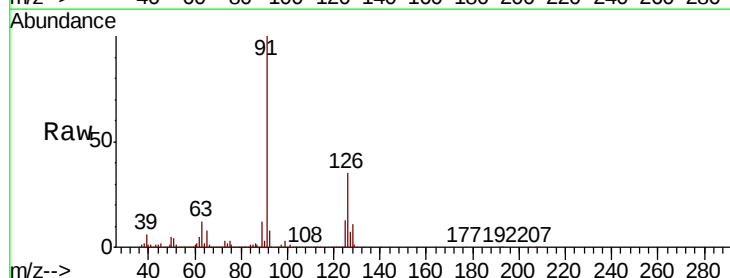
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

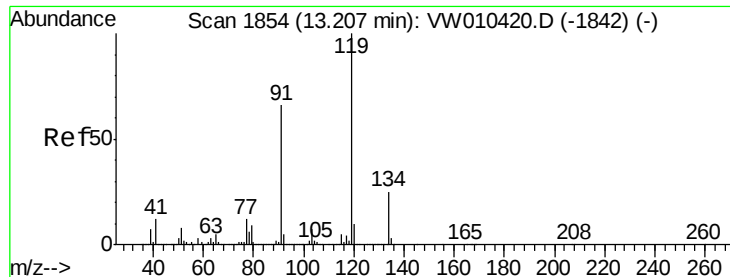
Tgt Ion: 75 Resp: 142756
Ion Ratio Lower Upper
75 100
53 89.7 70.7 106.1
89 48.3 38.6 58.0



#82
4-Chlorotoluene
Concen: 46.769 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion: 91 Resp: 1427622
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.2

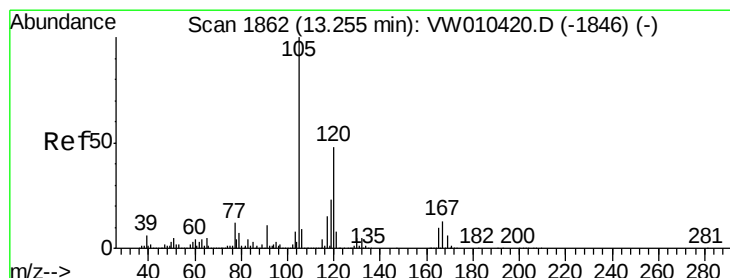
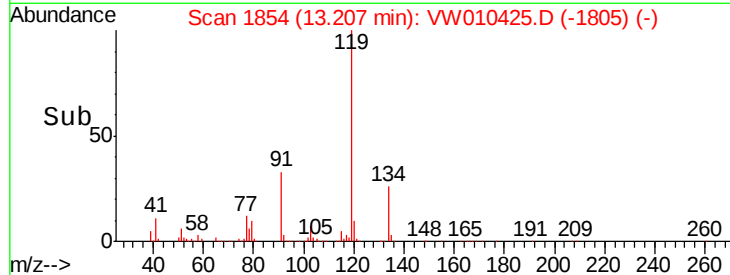
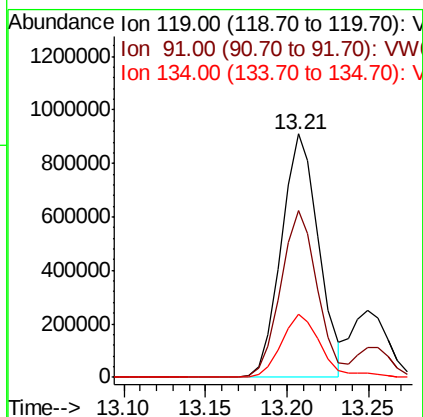
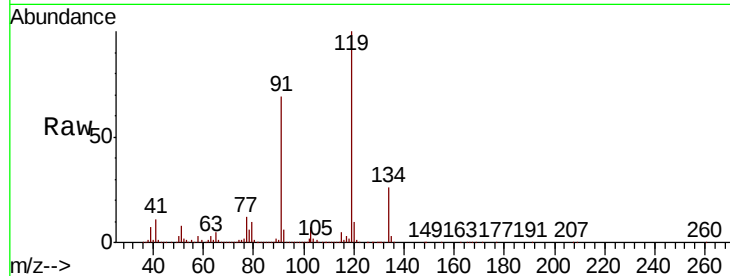




#83
 tert-Butylbenzene
 Concen: 46.629 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

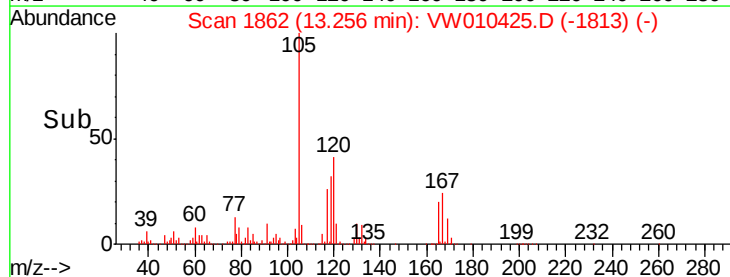
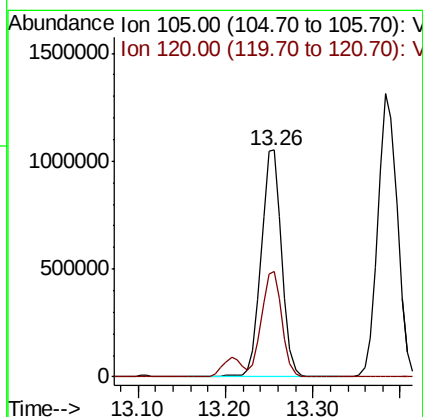
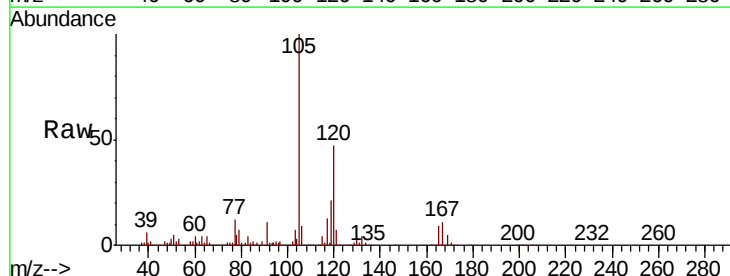
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

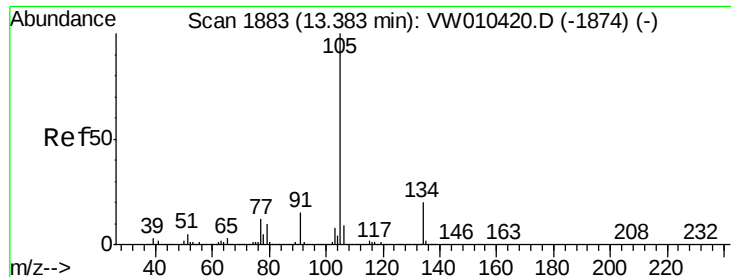
Tgt Ion:119 Resp: 1448307
 Ion Ratio Lower Upper
 119 100
 91 67.8 33.5 100.5
 134 27.4 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.172 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Tgt Ion:105 Resp: 1704447
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0

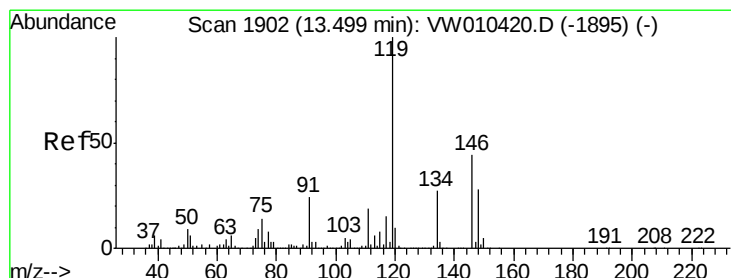
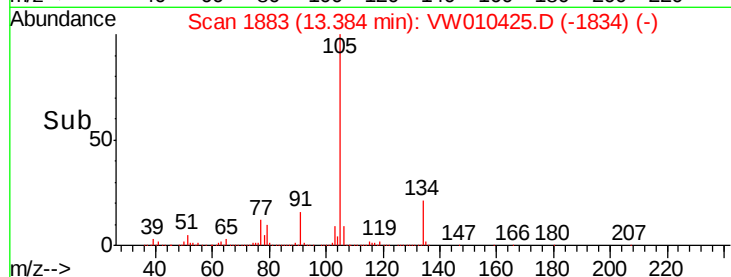
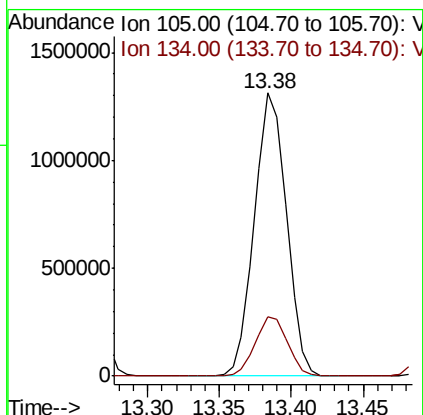
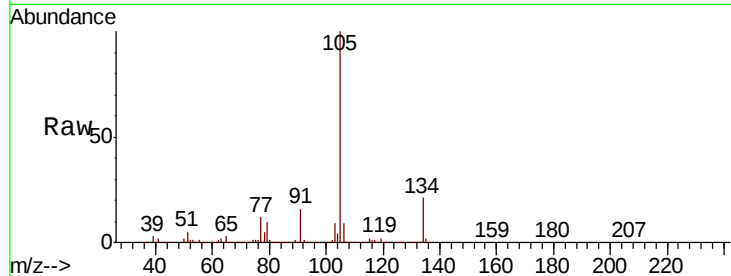




#85
 sec-Butylbenzene
 Concen: 46.199 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

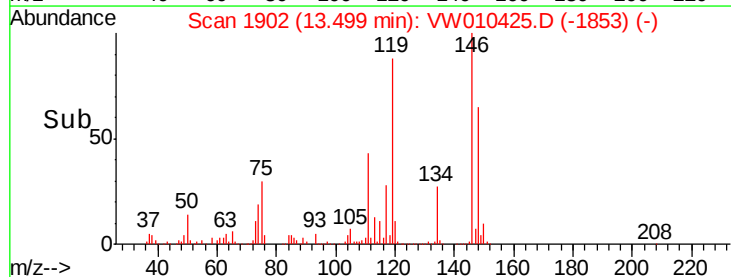
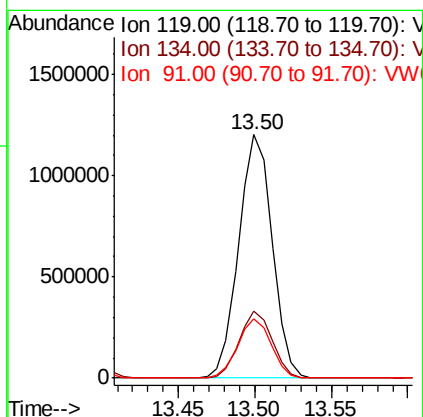
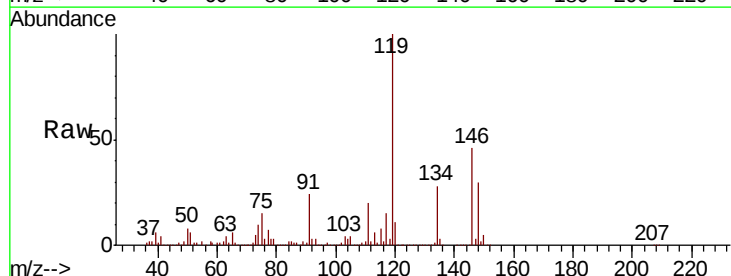
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

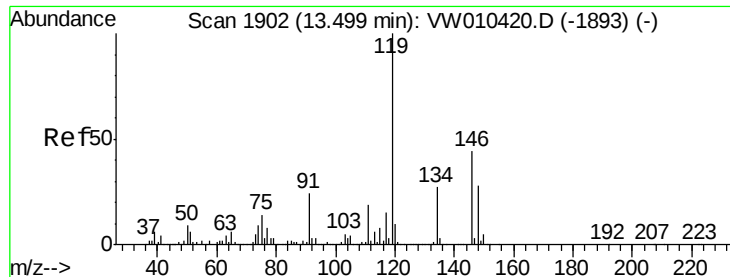
Tgt Ion:105 Resp: 2020593
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 46.285 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Tgt Ion:119 Resp: 1828758
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.0
 91 24.4 12.2 36.4

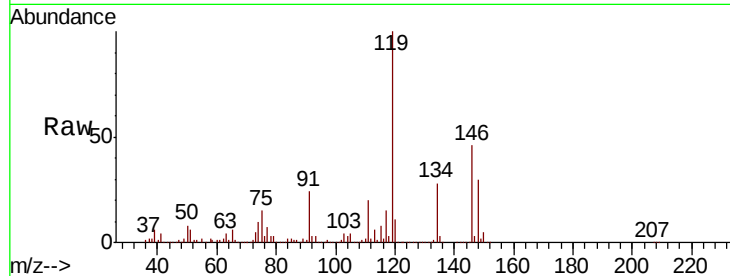




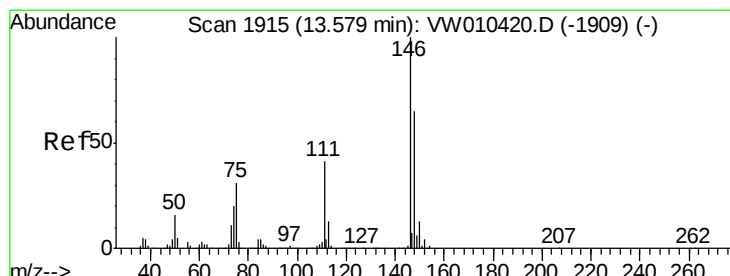
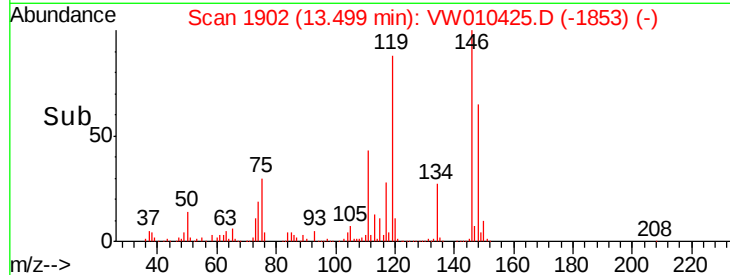
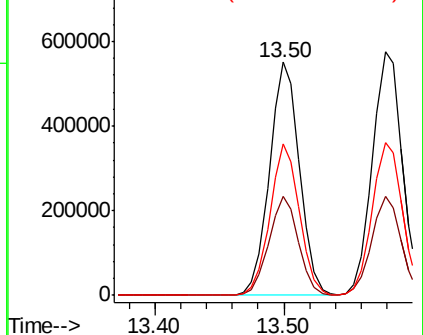
#87
 1,3-Dichlorobenzene
 Concen: 47.520 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 892043
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 63.9 31.8 95.4

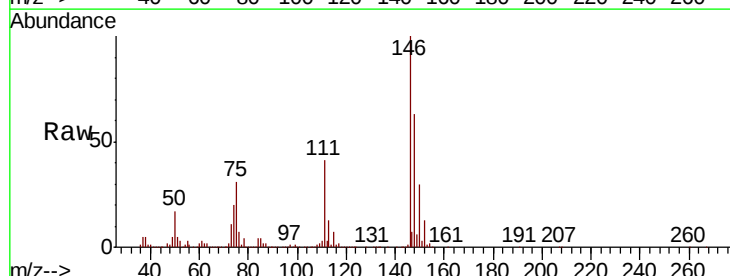


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

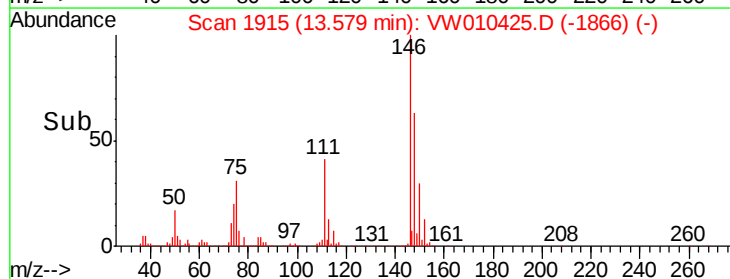
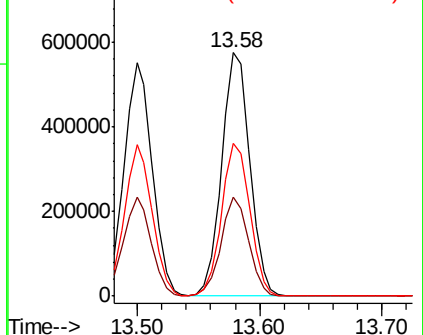


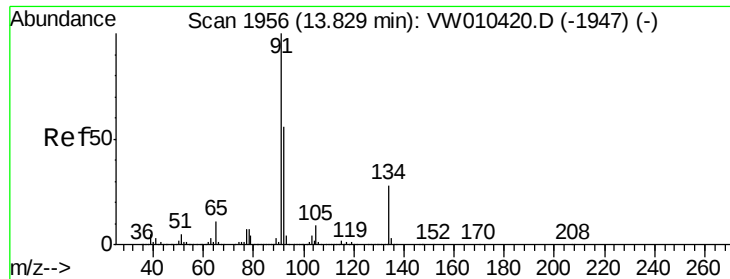
#88
 1,4-Dichlorobenzene
 Concen: 48.978 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Tgt Ion:146 Resp: 915183
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.3
 148 63.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 45.511 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

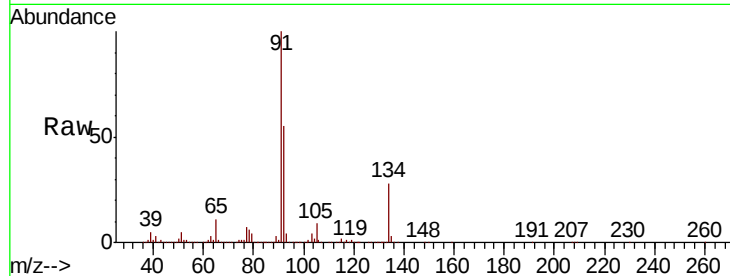
Tgt Ion: 91 Resp: 1715670

Ion Ratio Lower Upper

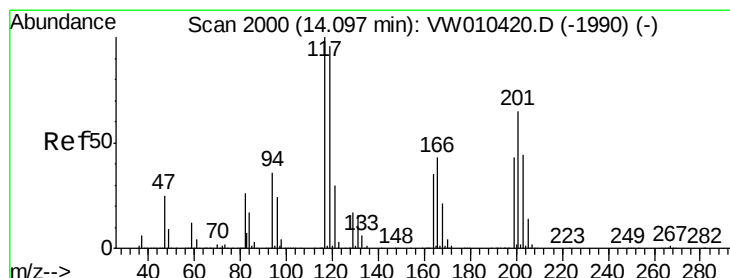
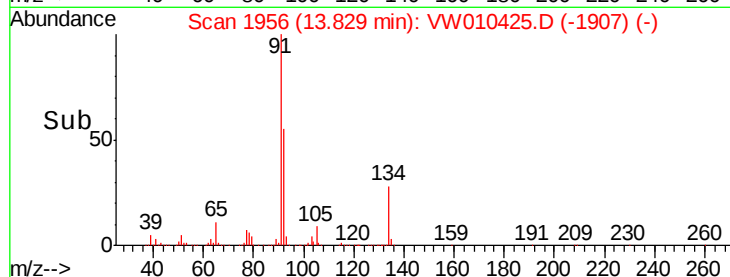
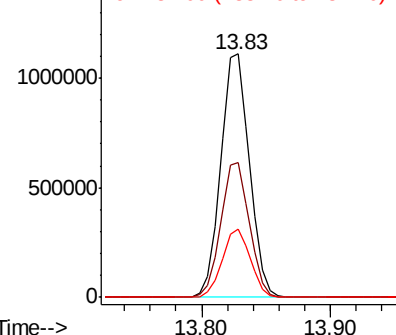
91 100

92 55.2 27.7 83.0

134 27.5 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.103 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010425.D

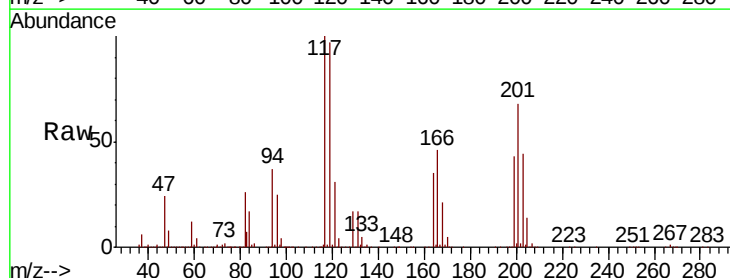
Acq: 17 May 2019 21:53

Tgt Ion: 117 Resp: 374376

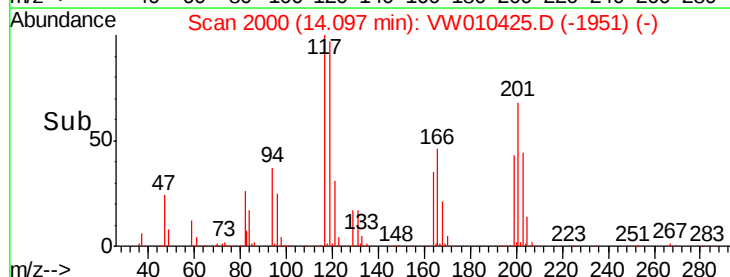
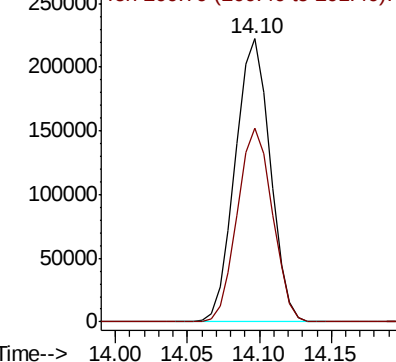
Ion Ratio Lower Upper

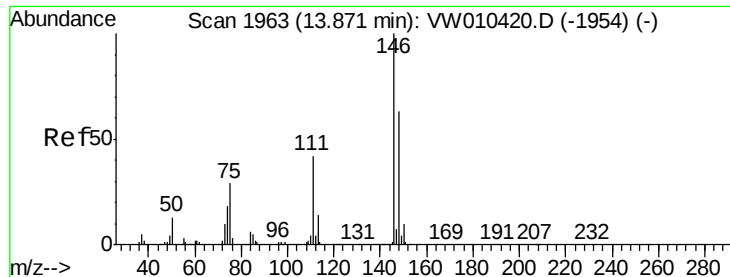
117 100

201 68.5 33.8 101.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.708 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

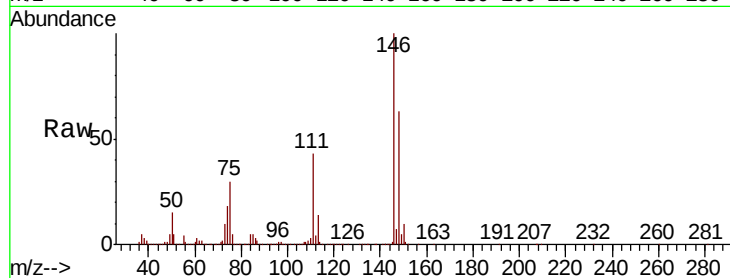
Tgt Ion:146 Resp: 848403

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.7

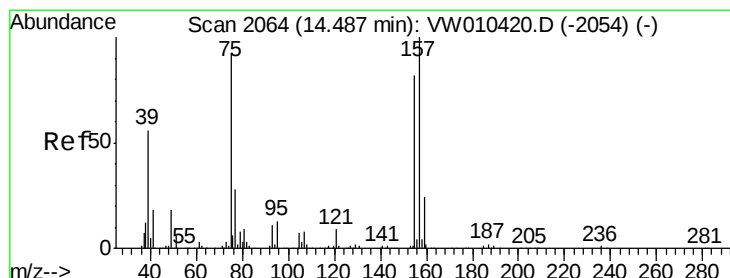
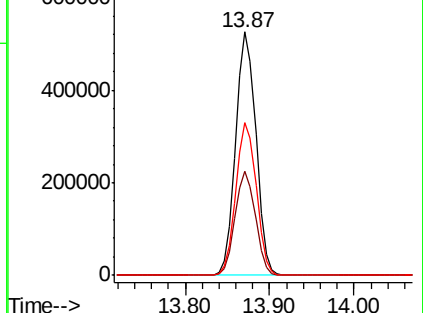
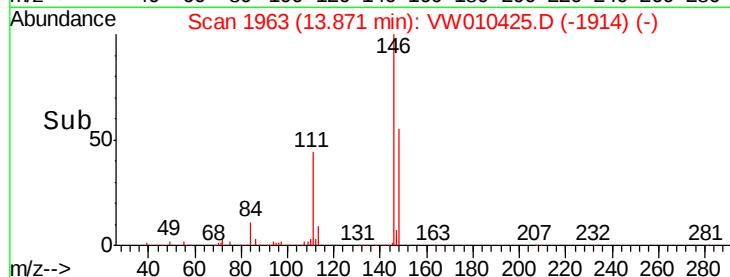
148 63.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.080 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010425.D

Acq: 17 May 2019 21:53

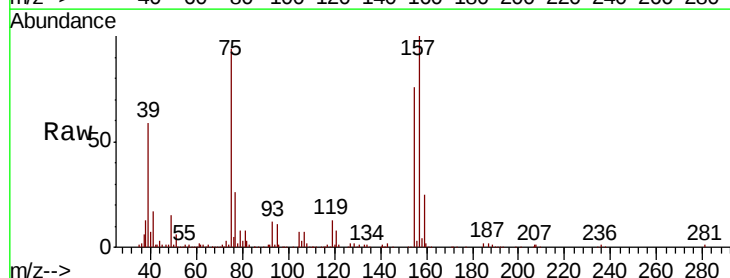
Tgt Ion: 75 Resp: 84409

Ion Ratio Lower Upper

75 100

155 83.2 43.5 130.7

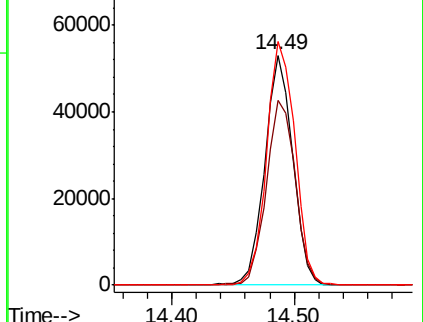
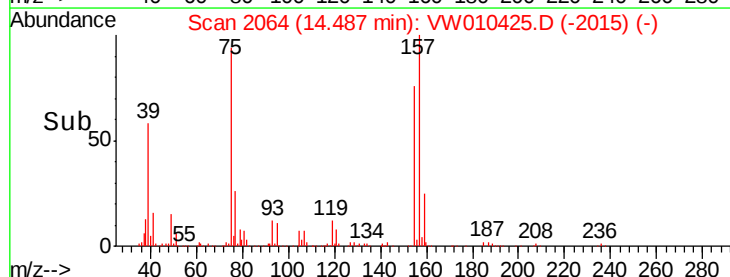
157 107.4 54.8 164.4

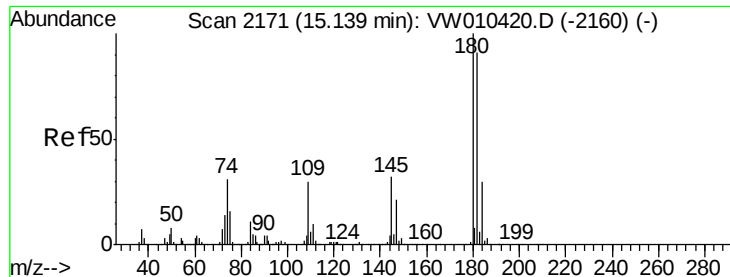


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

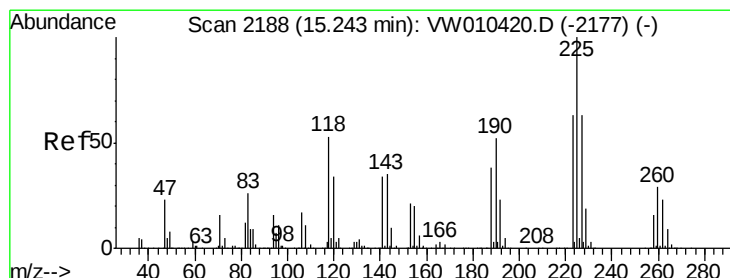
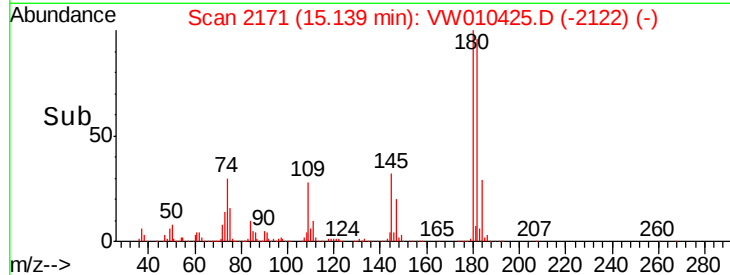
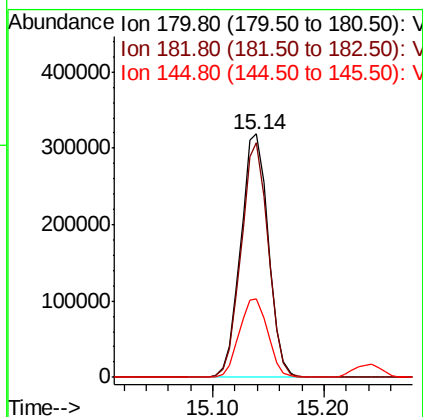
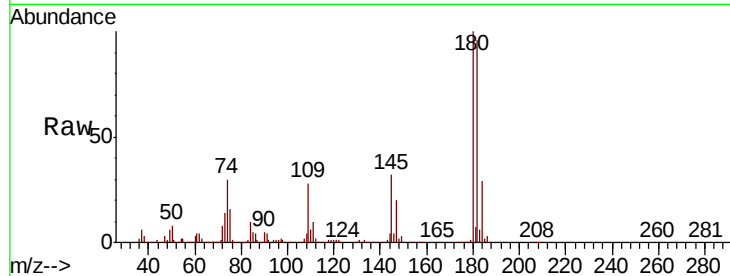




#93
 1,2,4-Trichlorobenzene
 Concen: 49.323 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

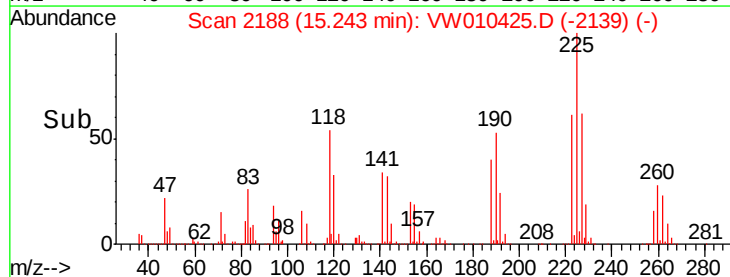
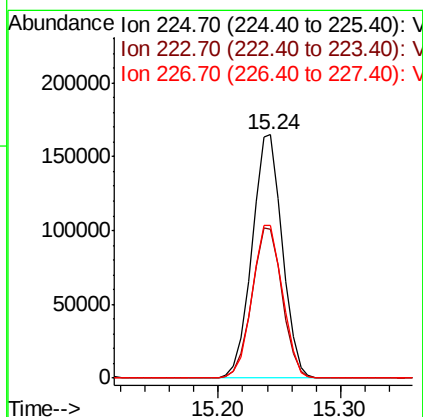
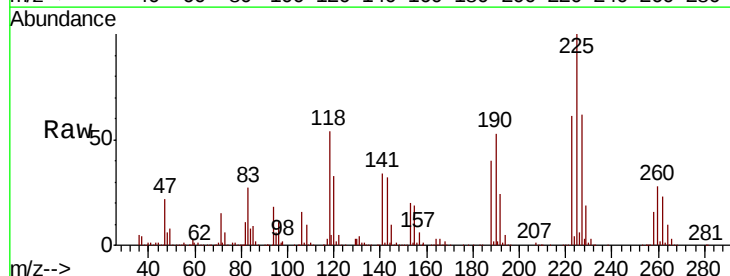
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

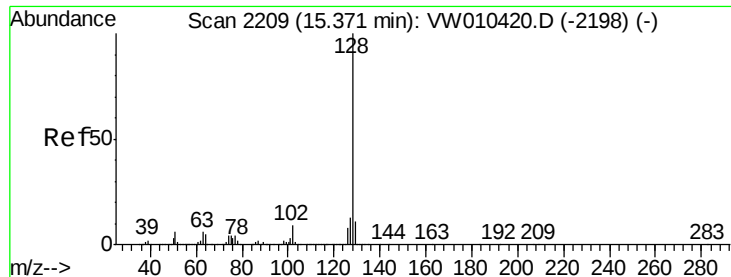
Tgt Ion:180 Resp: 548784
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.0 141.2
 145 33.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 47.815 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010425.D
 Acq: 17 May 2019 21:53

Tgt Ion:225 Resp: 284021
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.0 96.2
 227 63.0 31.4 94.0

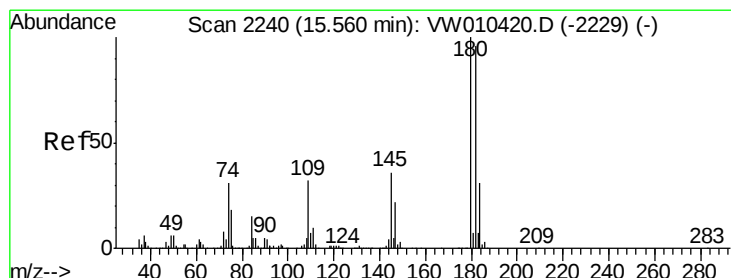
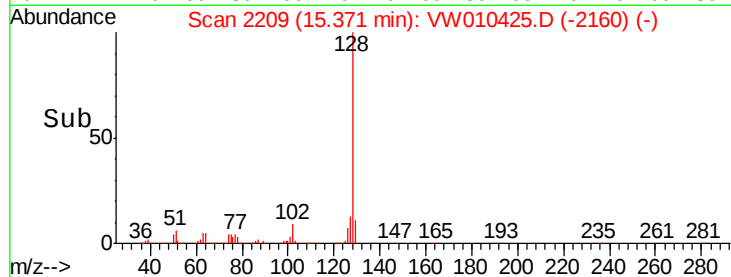
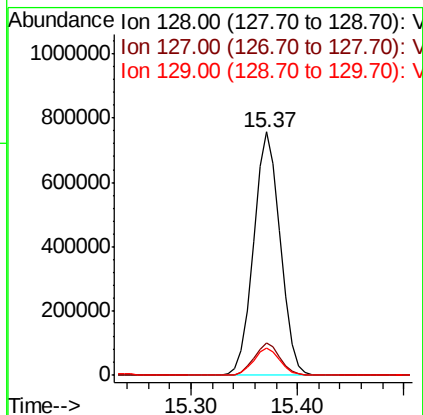
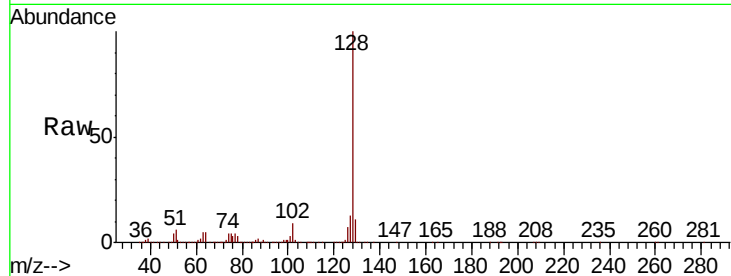




#95
Naphthalene
Concen: 52.635 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1323794
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.089 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010425.D
Acq: 17 May 2019 21:53

Tgt Ion:180 Resp: 501181
Ion Ratio Lower Upper
180 100
182 92.4 47.6 142.9
145 35.6 17.8 53.5

