

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015716.D
 Acq On : 25 Jun 2020 09:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	103397	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.88	113	93527	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.32	98	375168	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	141263	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66148	57.276	ug/l	97
3) Chloromethane	2.21	50	73191	53.970	ug/l	97
4) Vinyl Chloride	2.37	62	120023	54.744	ug/l	97
5) Bromomethane	2.78	94	93316	57.910	ug/l	100
6) Chloroethane	2.93	64	82436	57.136	ug/l	96
7) Trichlorofluoromethane	3.26	101	95114	57.779	ug/l	97
8) Diethyl Ether	3.68	74	51786	54.471	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	101145	52.126	ug/l	100
10) Methyl Iodide	4.27	142	140753	51.301	ug/l	99
11) Tert butyl alcohol	5.21	59	27101	223.217	ug/l	96
12) 1,1-Dichloroethene	4.04	96	98927	52.359	ug/l	99
13) Acrolein	3.90	56	33970	226.911	ug/l	100
14) Allyl chloride	4.67	41	157258	51.303	ug/l	99
15) Acrylonitrile	5.37	53	96970	247.215	ug/l	100
16) Acetone	4.13	43	118254	288.646	ug/l	100
17) Carbon Disulfide	4.38	76	285732	52.545	ug/l	99
18) Methyl Acetate	4.68	43	41716	49.134	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	144452	50.801	ug/l	98
20) Methylene Chloride	4.91	84	108853	54.988	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	112696	52.025	ug/l	99
22) Diisopropyl ether	6.32	45	314829	51.640	ug/l	98
23) Vinyl Acetate	6.26	43	931423	261.983	ug/l	100
24) 1,1-Dichloroethane	6.21	63	199078	51.875	ug/l	98
25) 2-Butanone	7.18	43	144039	260.138	ug/l	98
26) 2,2-Dichloropropane	7.17	77	126849	49.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120023	51.506	ug/l	99
28) Bromochloromethane	7.51	49	73122	49.534	ug/l	99
29) Tetrahydrofuran	7.54	42	79958	245.739	ug/l	99
30) Chloroform	7.68	83	201855	51.287	ug/l	99
31) Cyclohexane	7.96	56	186884	50.342	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	173855	51.821	ug/l	98
36) 1,1-Dichloropropene	8.09	75	169057	55.178	ug/l	100
37) Ethyl Acetate	7.26	43	58204	49.754	ug/l	98
38) Carbon Tetrachloride	8.07	117	162945	54.865	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015716.D
 Acq On : 25 Jun 2020 09:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	208909	56.295	ug/l	97
40) Benzene	8.32	78	447206	53.681	ug/l	99
41) Methacrylonitrile	7.48	41	34506	51.394	ug/l	99
42) 1,2-Dichloroethane	8.40	62	135936	52.745	ug/l	99
43) Isopropyl Acetate	8.43	43	120039	51.419	ug/l	100
44) Trichloroethene	9.09	130	119829	53.365	ug/l	95
45) 1,2-Dichloropropane	9.37	63	107571	52.827	ug/l	100
46) Dibromomethane	9.46	93	54307	51.545	ug/l	99
47) Bromodichloromethane	9.65	83	145207	52.837	ug/l	98
48) Methyl methacrylate	9.44	41	56225	52.679	ug/l	98
49) 1,4-Dioxane	9.47	88	15174	1097.884	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	293478	260.679	ug/l	100
52) Toluene	10.39	92	295531	54.939	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	140850	53.052	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	170642	53.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	77565	52.950	ug/l	98
56) Ethyl methacrylate	10.65	69	98646	54.122	ug/l	97
57) 1,3-Dichloropropane	10.93	76	136050	52.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234889	272.328	ug/l	100
59) 2-Hexanone	10.97	43	211737	276.257	ug/l	100
60) Dibromochloromethane	11.13	129	91963	53.873	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73294	52.345	ug/l	98
64) Tetrachloroethene	10.87	164	99749	51.498	ug/l	96
65) Chlorobenzene	11.66	112	306348	52.699	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	108880	53.419	ug/l	99
67) Ethyl Benzene	11.73	91	586303	54.194	ug/l	99
68) m/p-Xylenes	11.84	106	445384	109.637	ug/l	99
69) o-Xylene	12.17	106	205275	54.958	ug/l	100
70) Styrene	12.18	104	354306	55.520	ug/l	99
71) Bromoform	12.35	173	49645	52.938	ug/l #	99
73) Isopropylbenzene	12.47	105	580808	53.833	ug/l	99
74) N-amyl acetate	12.27	43	117109	51.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	88278	51.145	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	115897	89.836	ug/l	31
77) Bromobenzene	12.75	156	124496	51.749	ug/l	98
78) n-propylbenzene	12.80	91	698735	53.804	ug/l	100
79) 2-Chlorotoluene	12.90	91	392885	53.730	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504431	55.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26304	51.382	ug/l	96
82) 4-Chlorotoluene	12.99	91	413484	53.450	ug/l	99
83) tert-Butylbenzene	13.21	119	418371	54.162	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	491040	53.860	ug/l	99
85) sec-Butylbenzene	13.38	105	611100	55.356	ug/l	100
86) p-Isopropyltoluene	13.50	119	549037	54.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	257035	53.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242266	51.219	ug/l	98
89) n-Butylbenzene	13.82	91	536181	55.687	ug/l	99
90) Hexachloroethane	14.10	117	94555	52.973	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	216999	52.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14130	51.124	ug/l	96

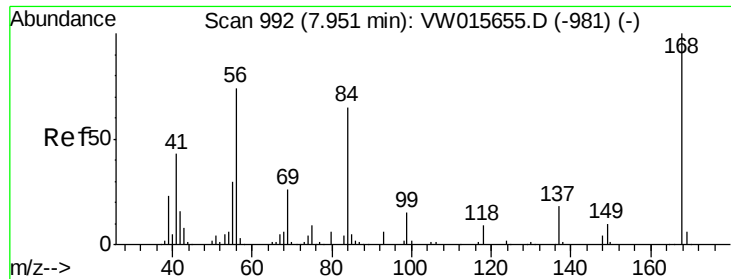
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015716.D
Acq On : 25 Jun 2020 09:29
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jun 26 01:35:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148460	54.444	ug/l	96
94) Hexachlorobutadiene	15.24	225	91153	52.472	ug/l	99
95) Naphthalene	15.37	128	243092	53.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	121728	51.849	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

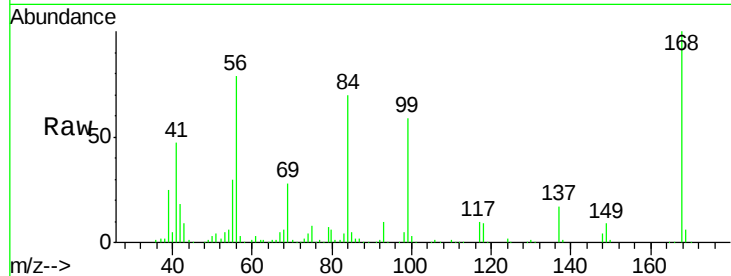
VSTDCCC050

Tot Ion:168 Resp: 193690

Ion Ratio Lower Upper

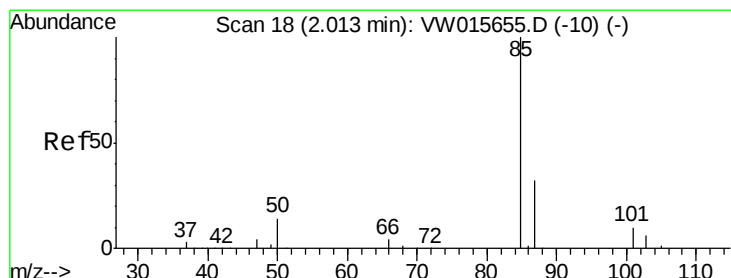
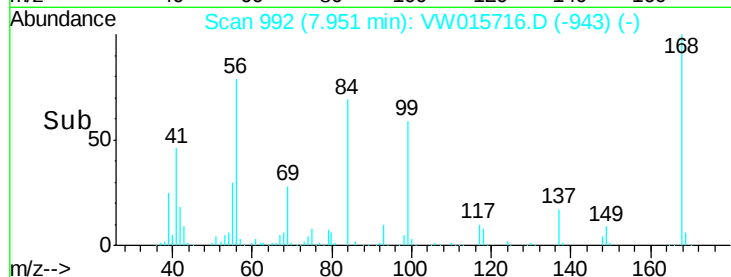
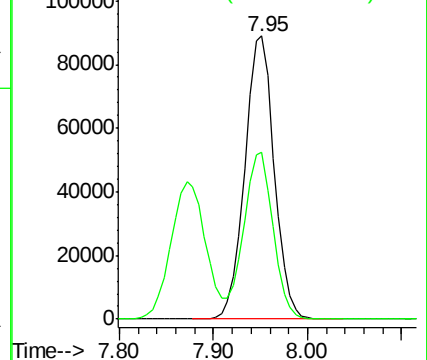
168 100

99 58.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 57.276 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015716.D

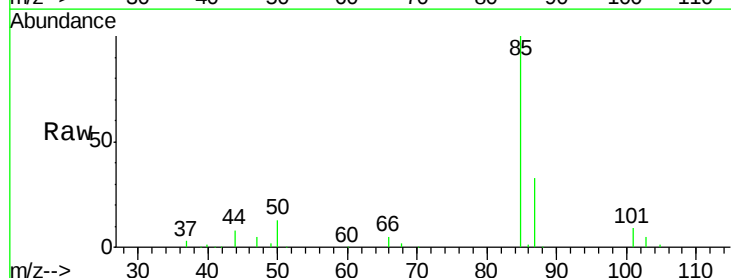
Acq: 25 Jun 2020 09:29

Tgt Ion: 85 Resp: 66148

Ion Ratio Lower Upper

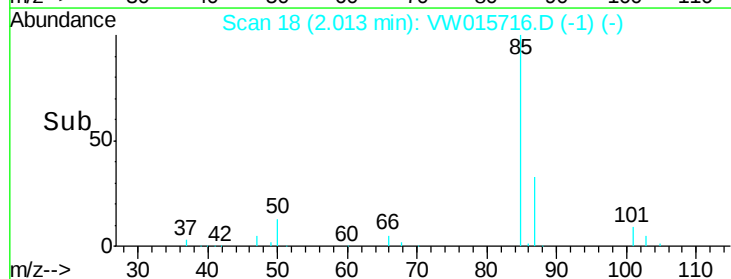
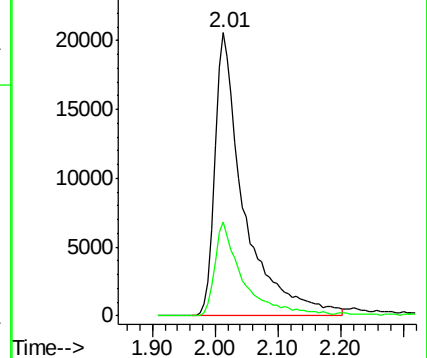
85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 53.970 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

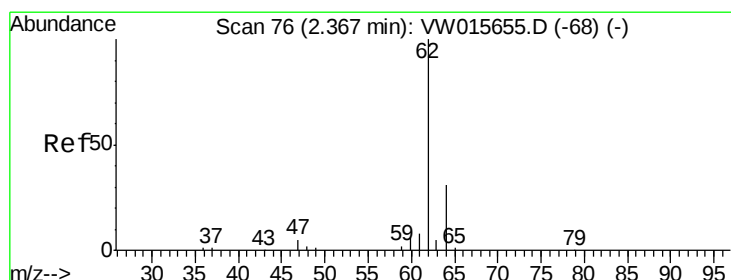
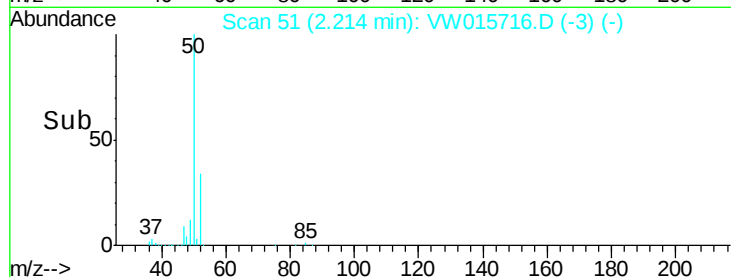
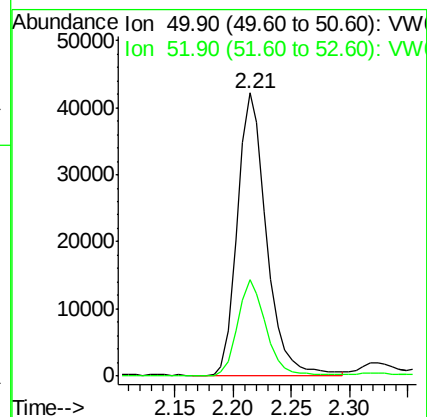
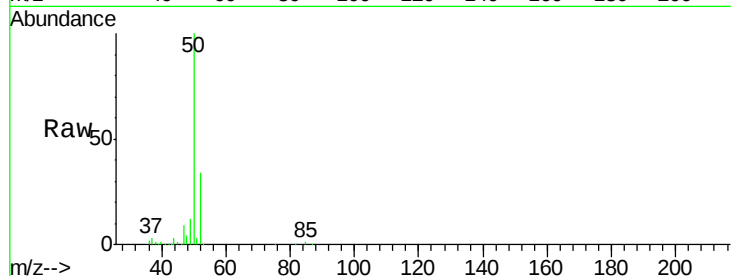
VSTDCCC050

Tot Ion: 50 Resp: 73191

Ion Ratio Lower Upper

50 100

52 34.0 26.0 39.0



#4

Vinyl Chloride

Concen: 54.744 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015716.D

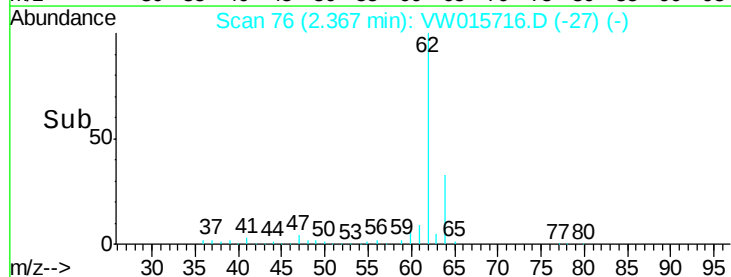
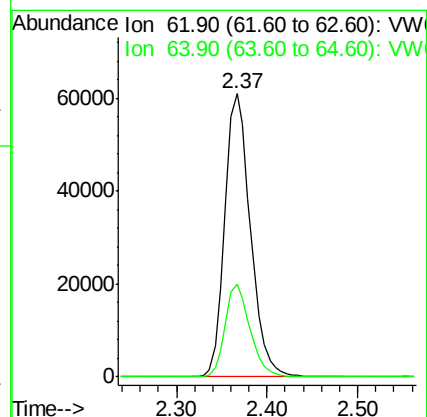
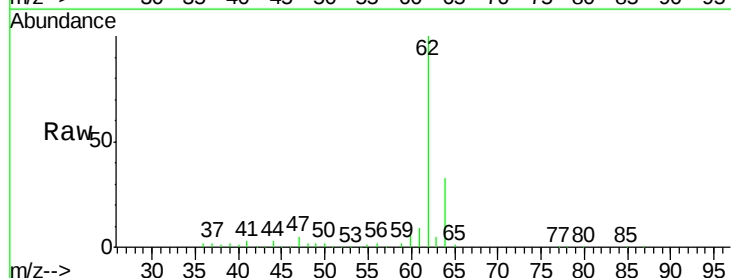
Acq: 25 Jun 2020 09:29

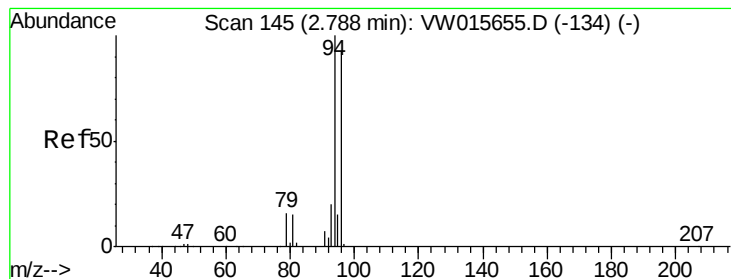
Tgt Ion: 62 Resp: 120023

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 57.910 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

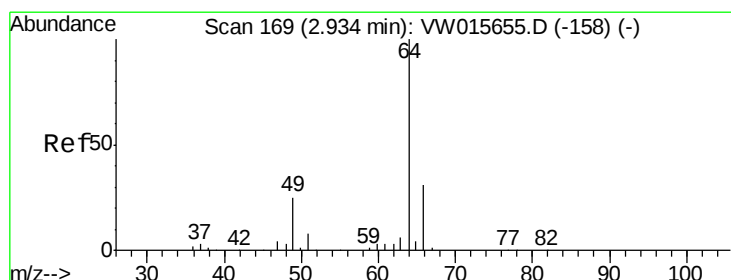
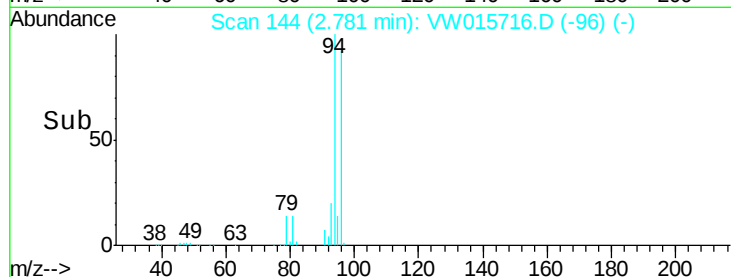
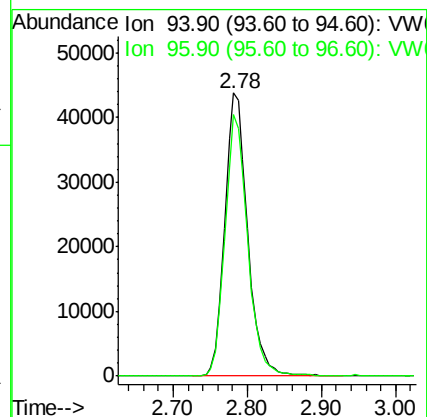
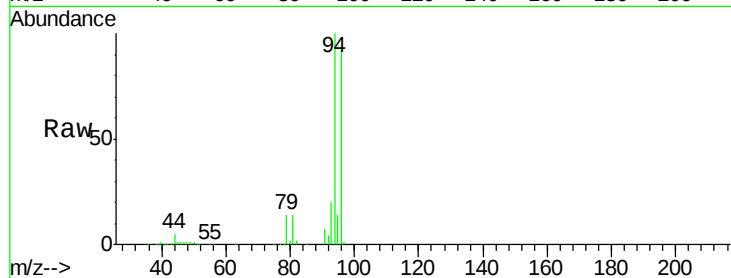
VSTDCCC050

Tot Ion: 94 Resp: 93316

Ion Ratio Lower Upper

94 100

96 92.3 73.8 110.6



#6

Chloroethane

Concen: 57.136 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015716.D

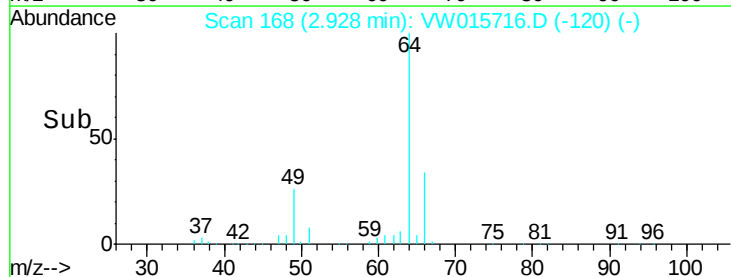
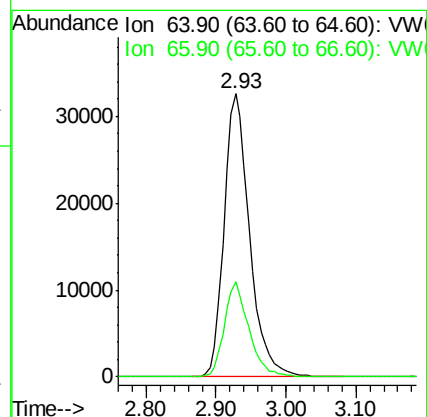
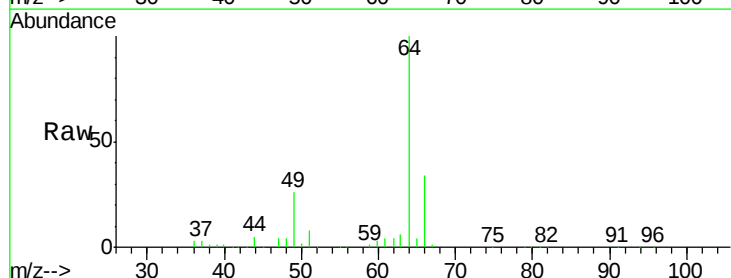
Acq: 25 Jun 2020 09:29

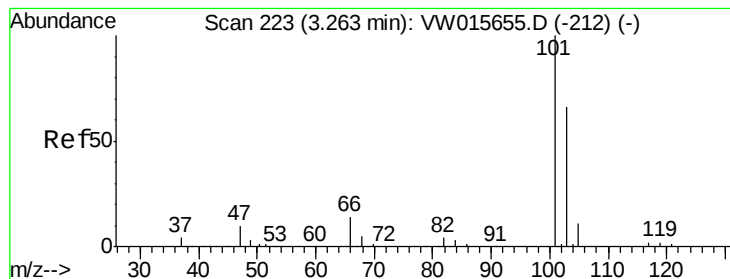
Tgt Ion: 64 Resp: 82436

Ion Ratio Lower Upper

64 100

66 33.8 25.3 37.9



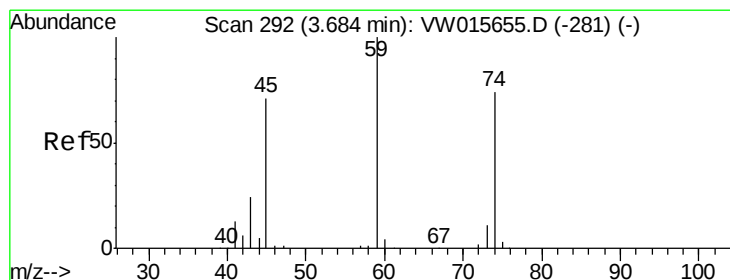
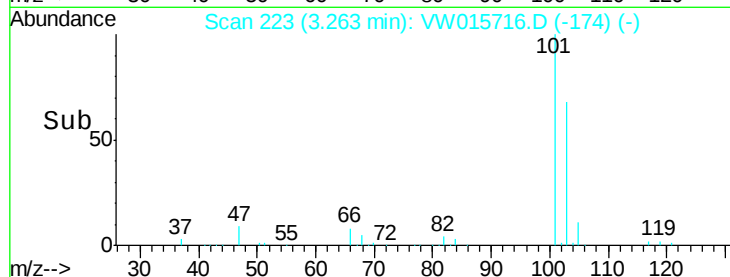
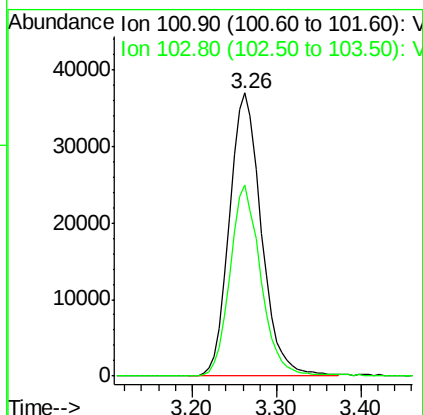
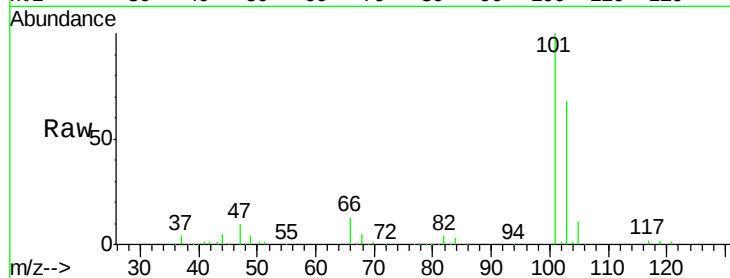


#7

Trichlorofluoromethane
 Concen: 57.779 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

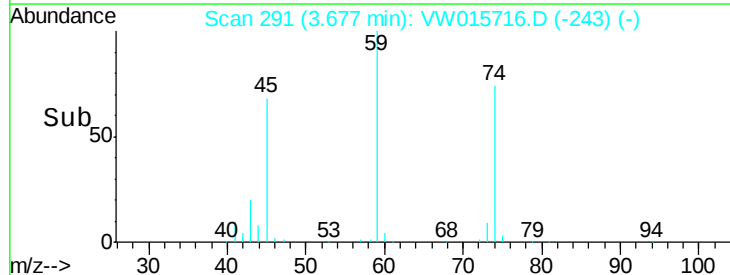
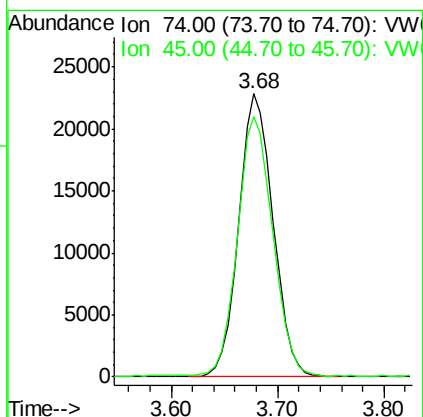
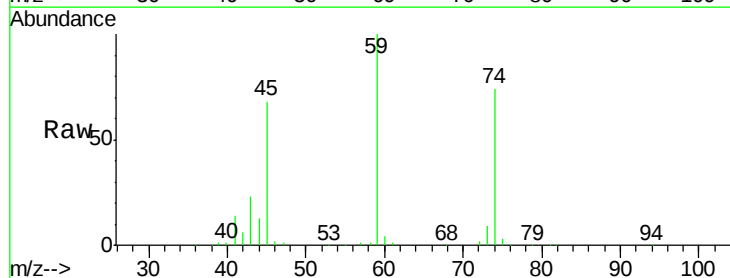
Tot Ion:101 Resp: 95114
 Ion Ratio Lower Upper
 101 100
 103 67.7 52.6 78.8

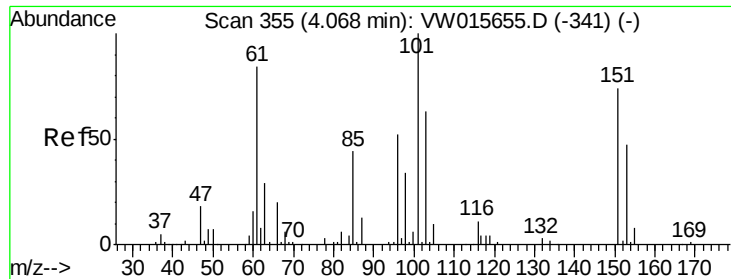


#8

Diethyl Ether
 Concen: 54.471 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 74 Resp: 51786
 Ion Ratio Lower Upper
 74 100
 45 93.8 48.2 144.6

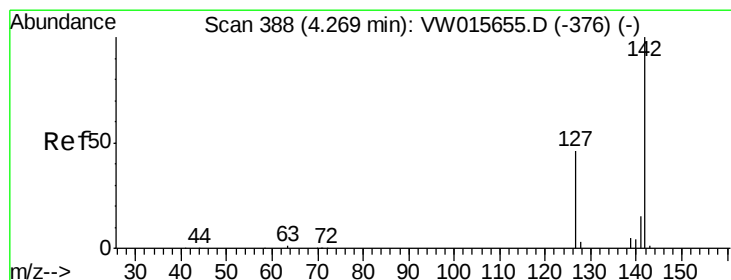
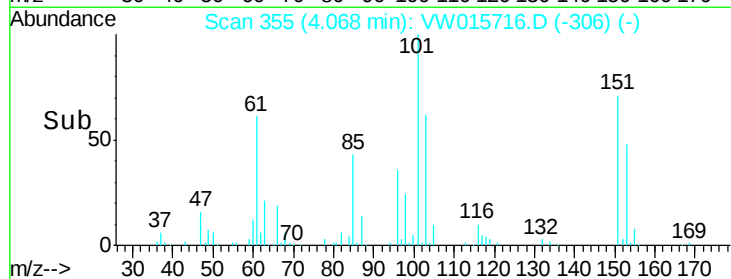
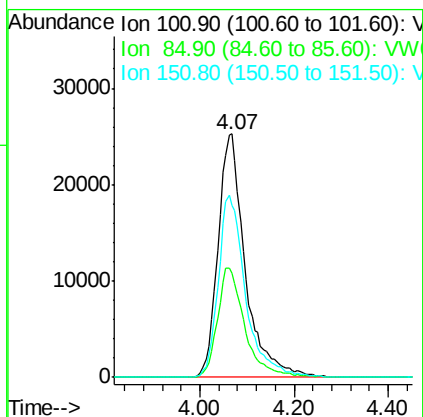
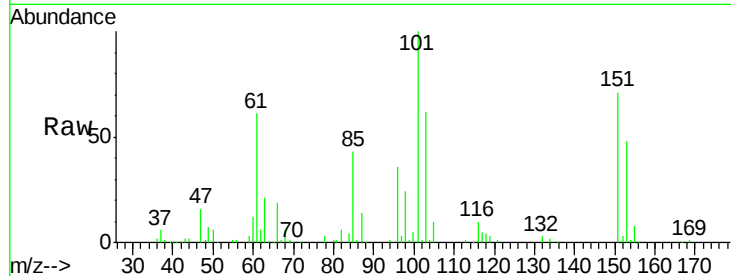




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.126 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

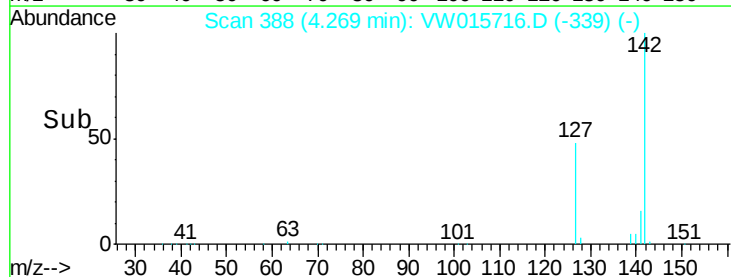
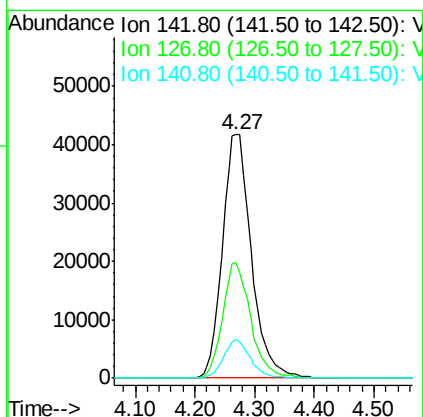
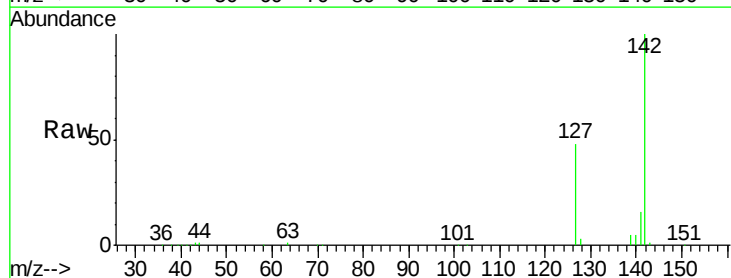
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

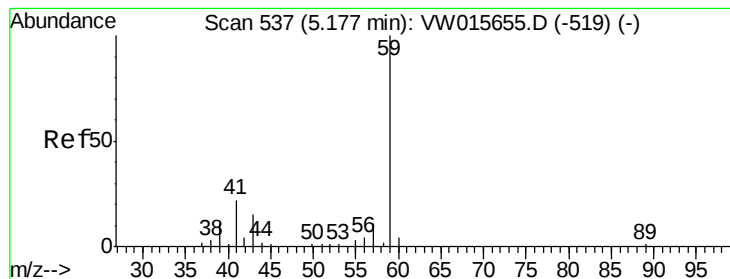
Tot Ion:101 Resp: 101145
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.6 55.0
 151 75.3 60.4 90.6



#10
 Methyl Iodide
 Concen: 51.301 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion:142 Resp: 140753
 Ion Ratio Lower Upper
 142 100
 127 45.9 36.4 54.6
 141 14.8 11.6 17.4



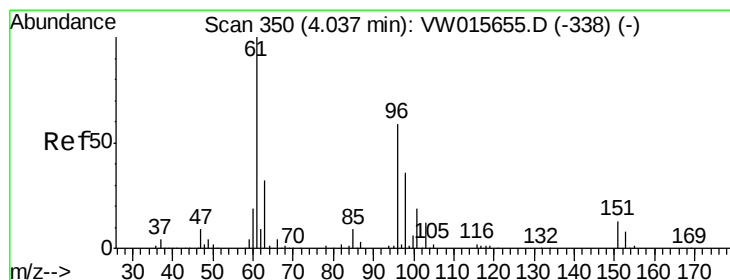
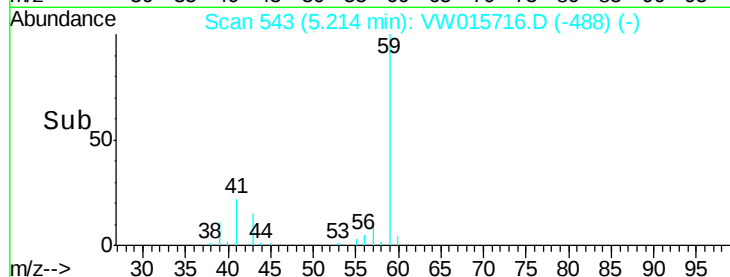
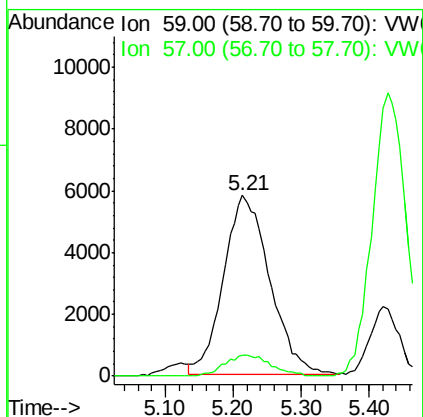
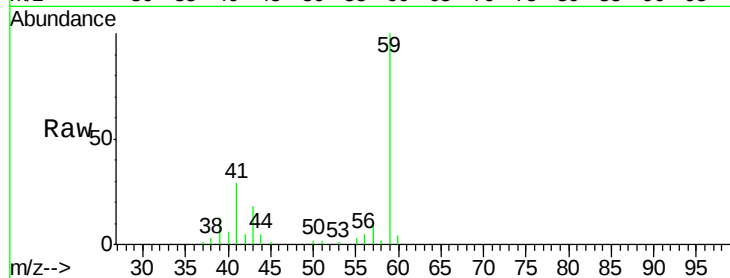


#11

Tert butyl alcohol
 Concen: 223.217 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. 0.04 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

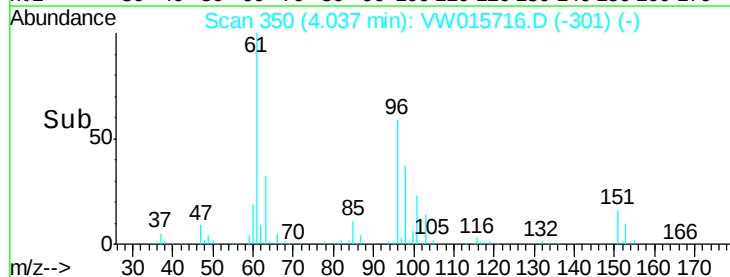
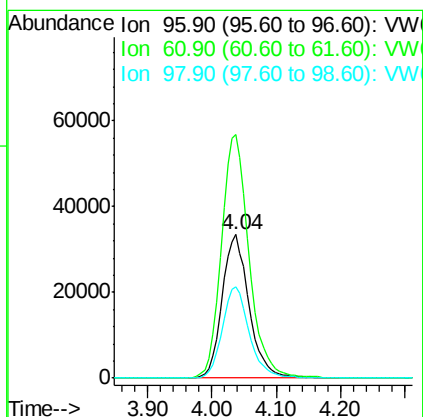
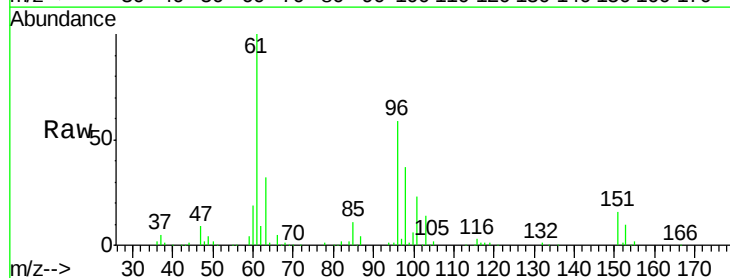
Tot Ion: 59 Resp: 27101
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.4 12.6

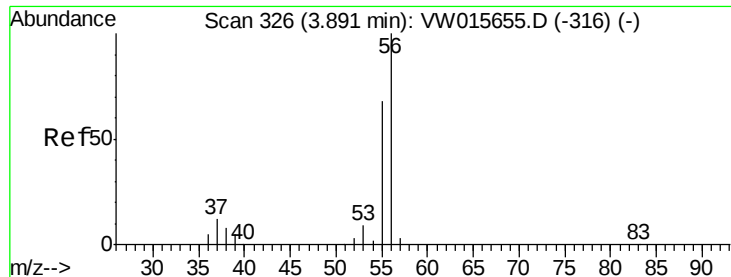


#12

1,1-Dichloroethene
 Concen: 52.359 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 96 Resp: 98927
 Ion Ratio Lower Upper
 96 100
 61 169.9 136.7 205.1
 98 63.6 49.2 73.8

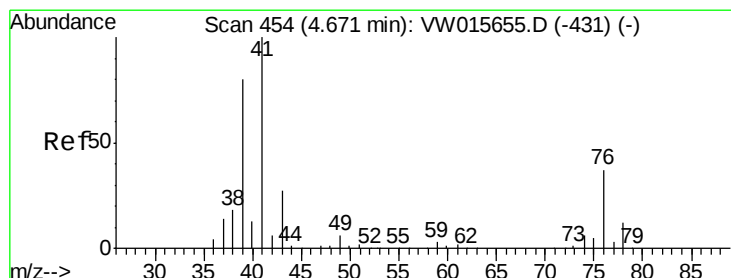
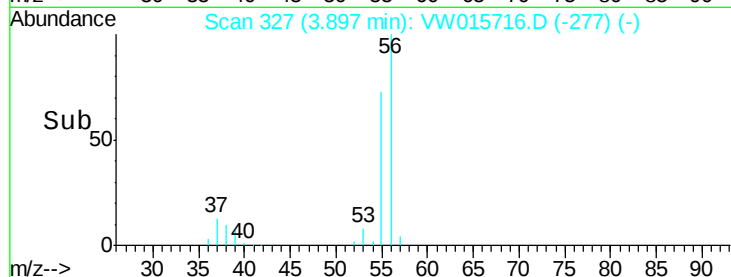
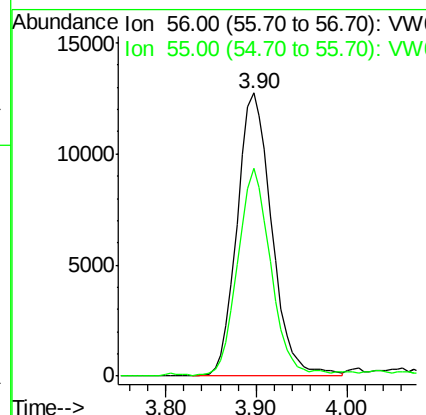
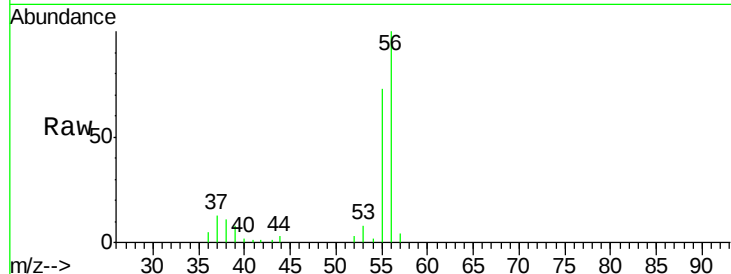




#13
 Acrolein
 Concen: 226.911 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

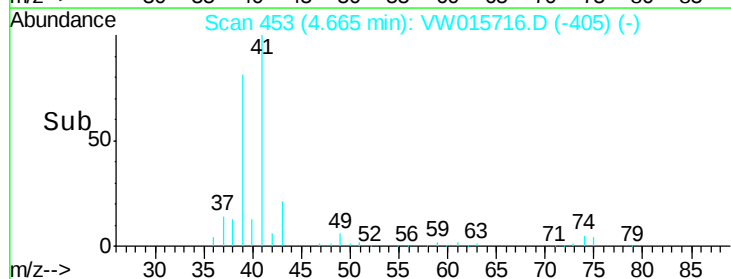
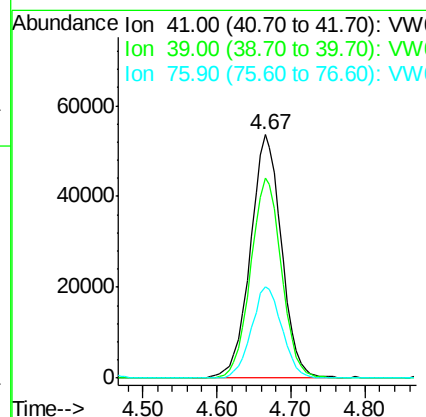
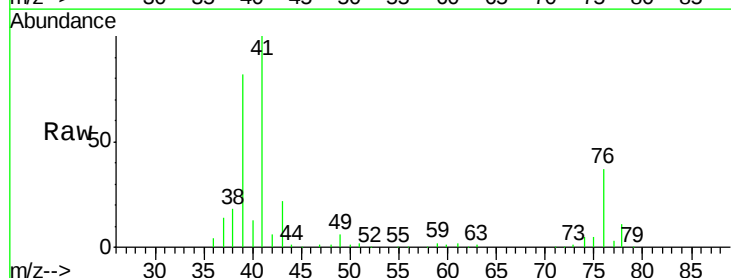
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

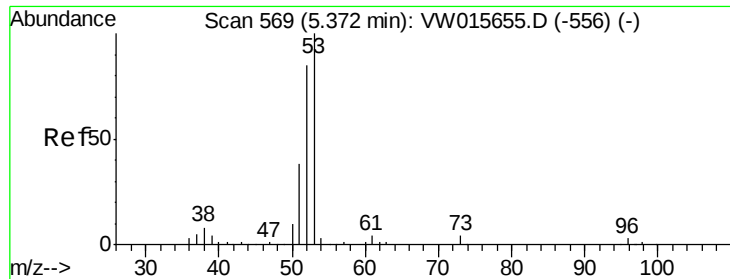
Tot Ion: 56 Resp: 33970
 Ion Ratio Lower Upper
 56 100
 55 70.2 56.2 84.2



#14
 Allyl chloride
 Concen: 51.303 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 41 Resp: 157258
 Ion Ratio Lower Upper
 41 100
 39 81.7 64.6 97.0
 76 37.0 29.1 43.7





#15

Acrylonitrile

Concen: 247.215 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

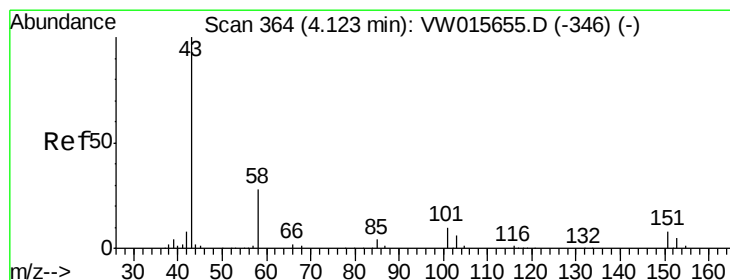
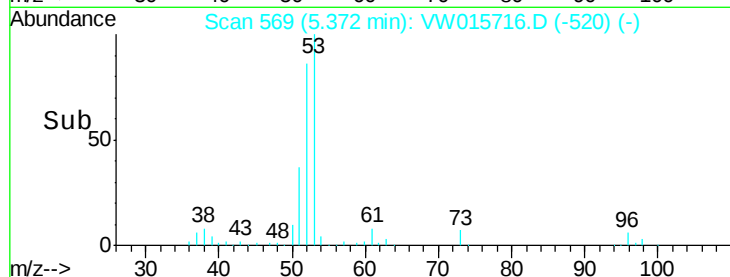
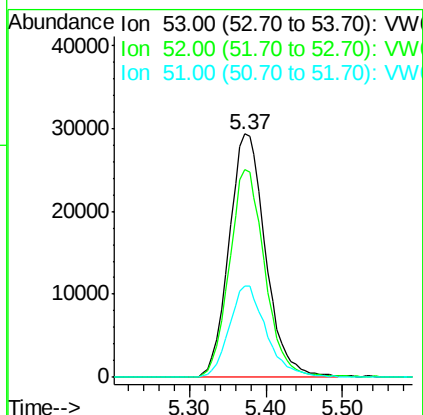
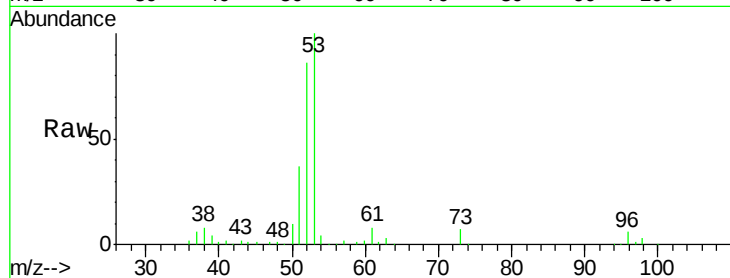
Tot Ion: 53 Resp: 96970

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.6

51 38.3 30.7 46.1



#16

Acetone

Concen: 288.646 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015716.D

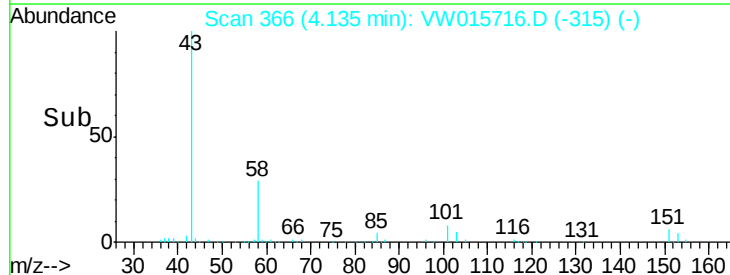
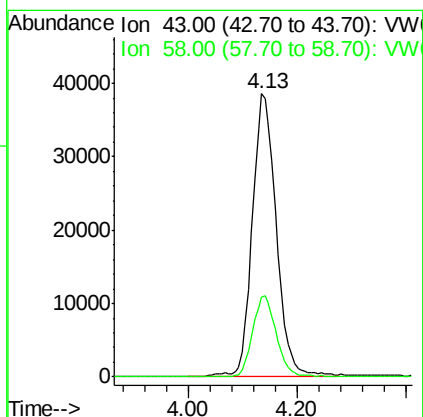
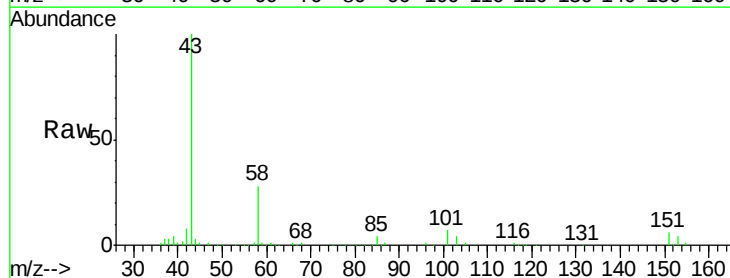
Acq: 25 Jun 2020 09:29

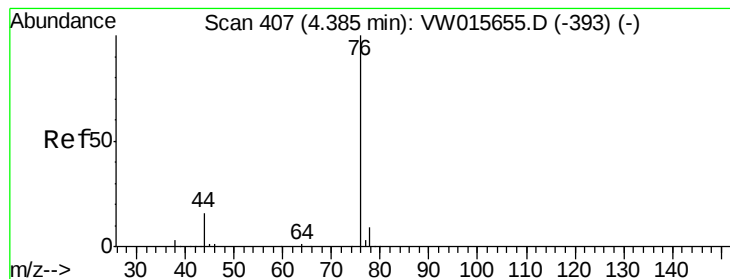
Tgt Ion: 43 Resp: 118254

Ion Ratio Lower Upper

43 100

58 28.4 22.6 33.8





#17

Carbon Disulfide

Concen: 52.545 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampled :

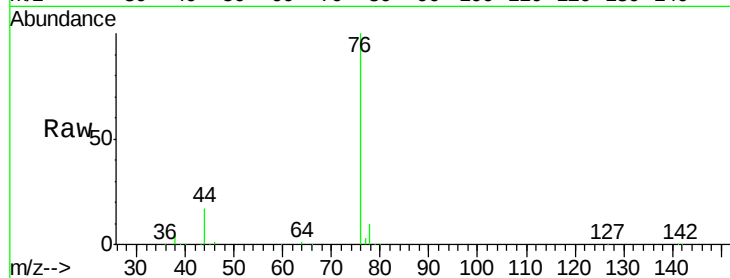
VSTDCCC050

Tot Ion: 76 Resp: 285732

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

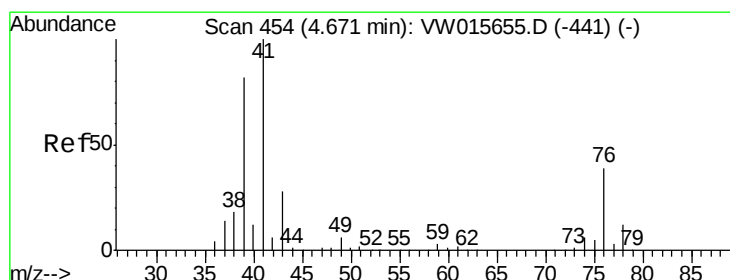
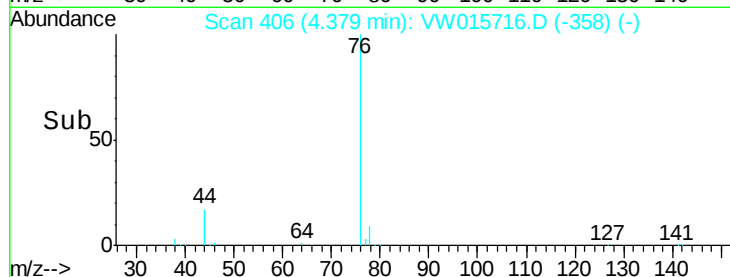
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.134 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015716.D

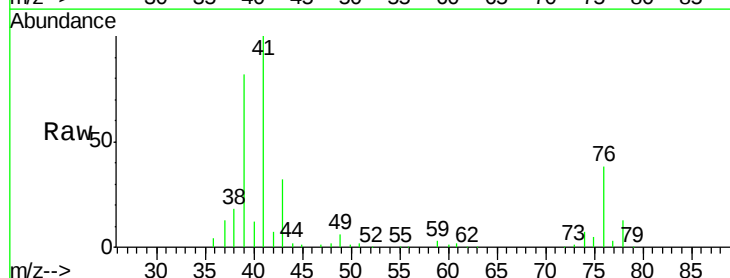
Acq: 25 Jun 2020 09:29

Tgt Ion: 43 Resp: 41716

Ion Ratio Lower Upper

43 100

74 25.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

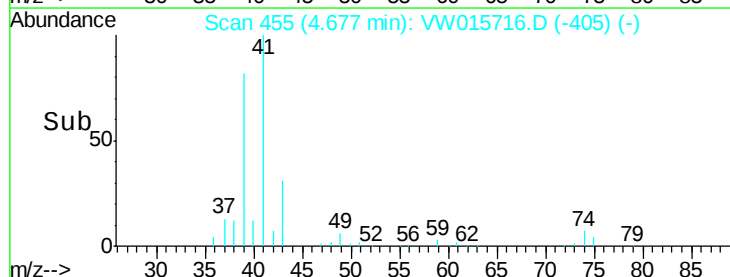
15000

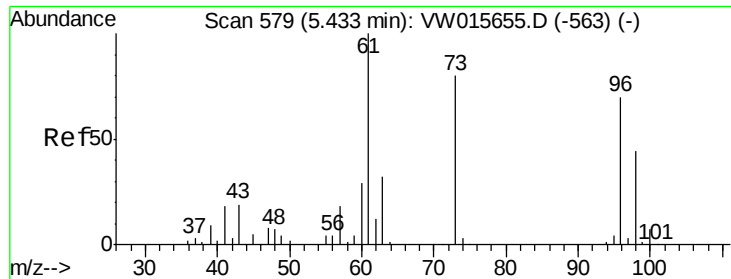
10000

5000

0

Time-->

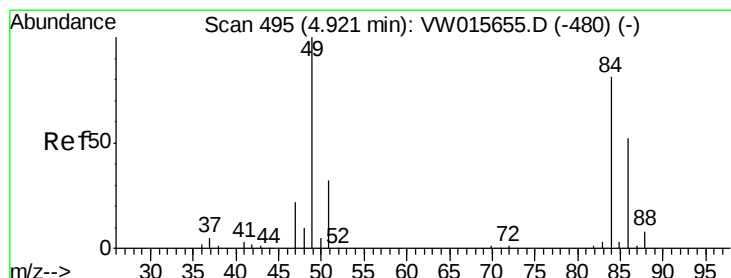
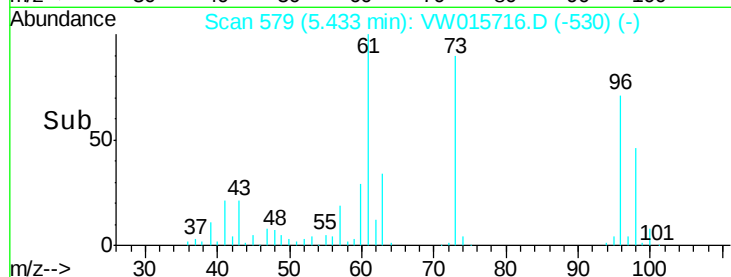
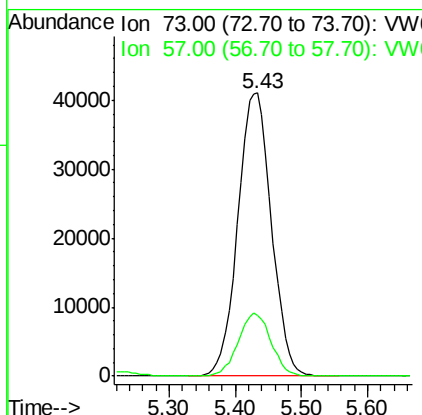
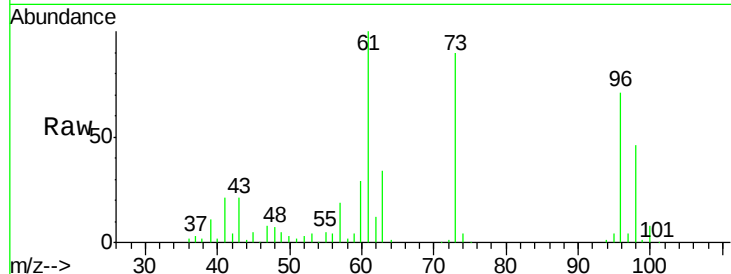




#19
Methyl tert-butyl Ether
Concen: 50.801 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

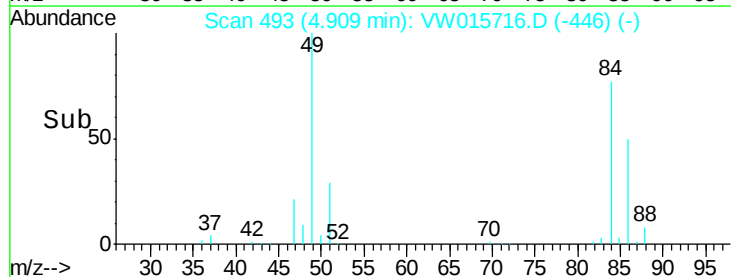
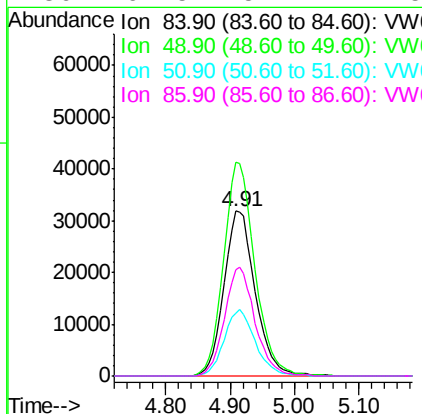
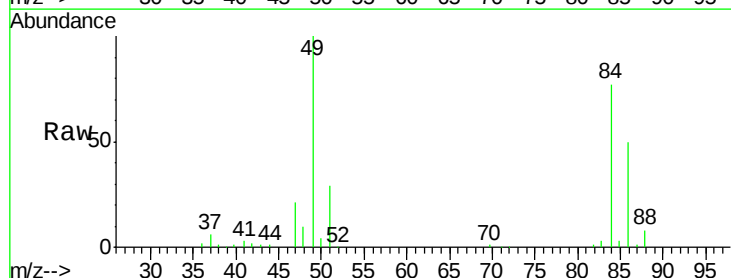
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

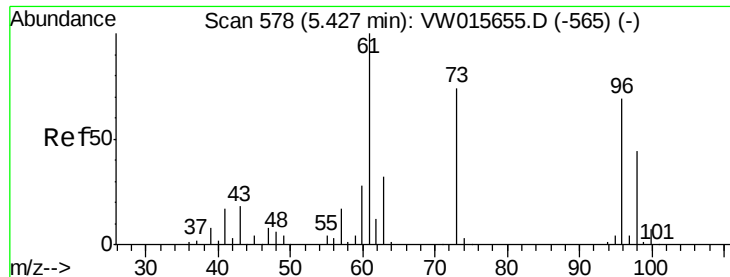
Tot Ion: 73 Resp: 144452
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1



#20
Methylene Chloride
Concen: 54.988 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 84 Resp: 108853
Ion Ratio Lower Upper
84 100
49 129.8 99.3 148.9
51 38.1 31.8 47.6
86 64.5 51.7 77.5

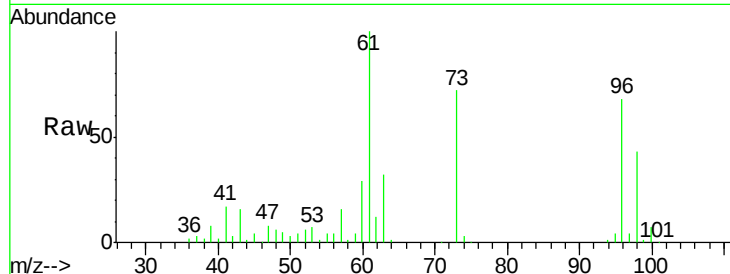




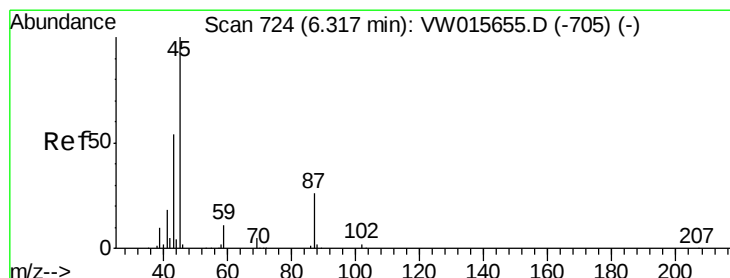
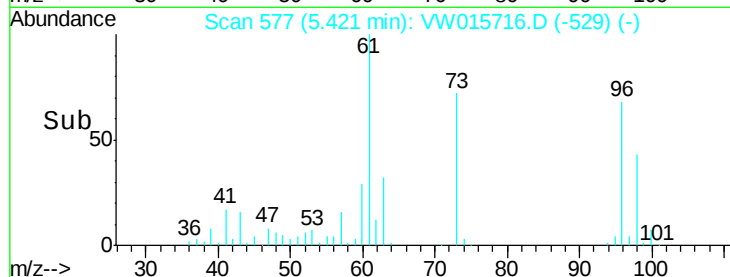
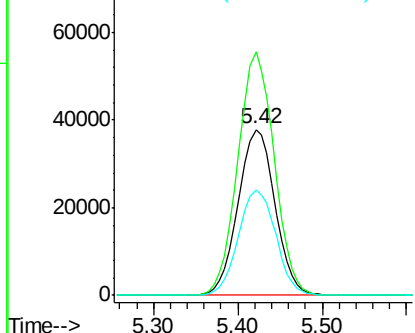
#21
trans-1,2-Dichloroethene
Concen: 52.025 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 112696
Ion Ratio Lower Upper
96 100
61 146.6 116.2 174.2
98 63.1 51.4 77.0

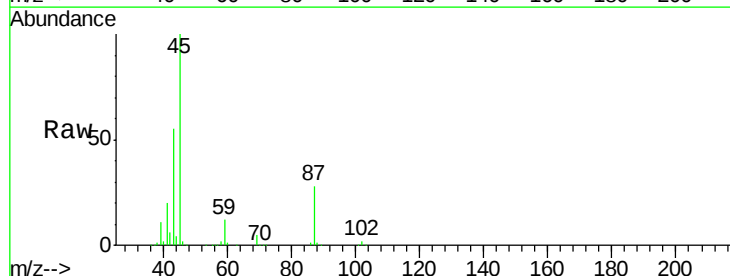


Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

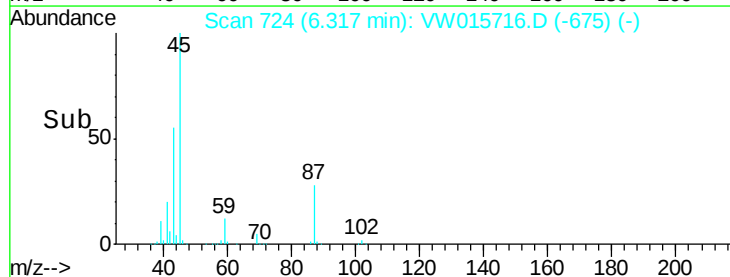
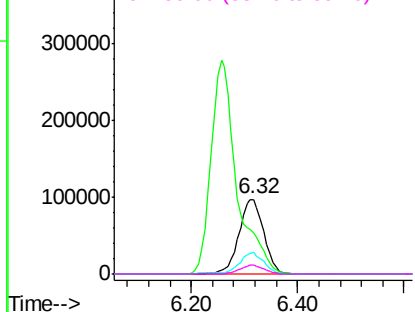


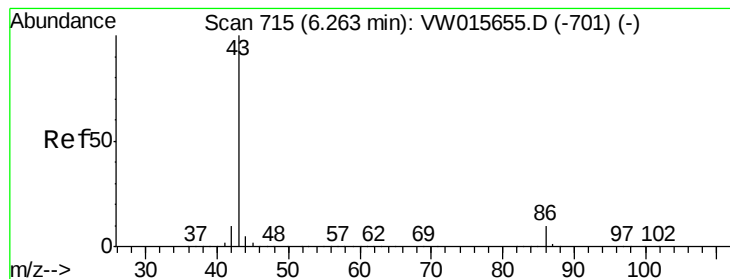
#22
Diisopropyl ether
Concen: 51.640 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 45 Resp: 314829
Ion Ratio Lower Upper
45 100
43 54.3 43.9 65.9
87 28.5 21.2 31.8
59 11.9 9.2 13.8



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





#23

Vinyl Acetate

Concen: 261.983 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

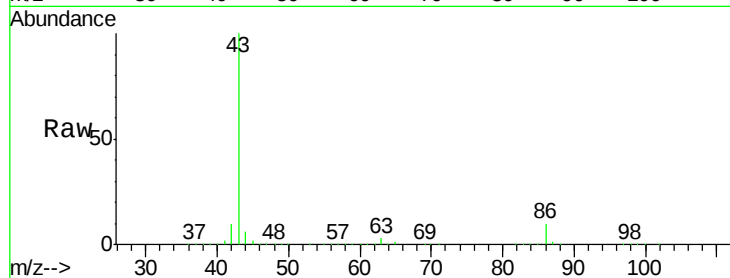
VSTDCCC050

Tot Ion: 43 Resp: 931423

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

250000

200000

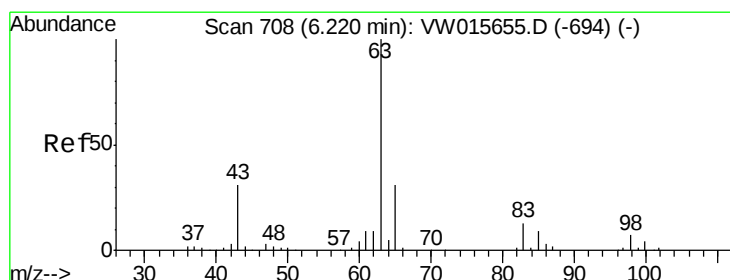
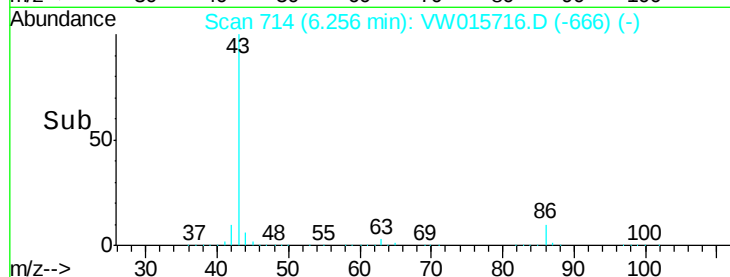
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.875 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

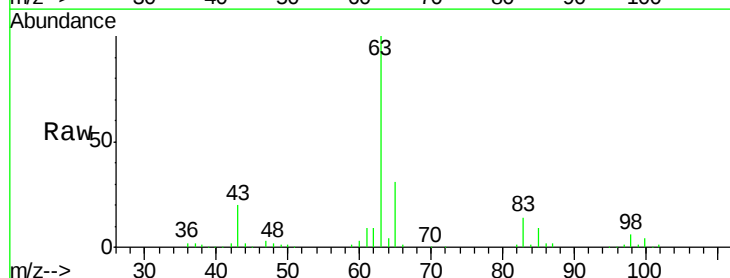
Tgt Ion: 63 Resp: 199078

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

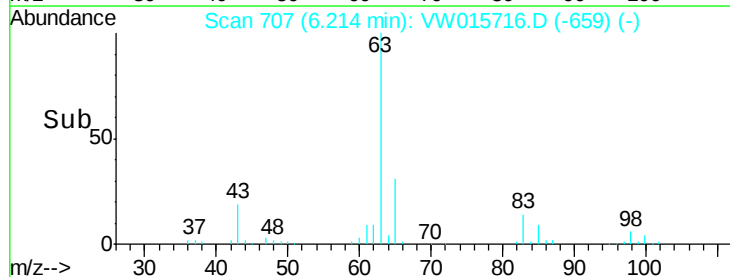
60000

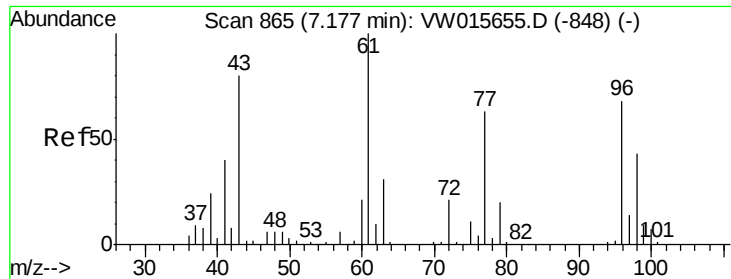
40000

20000

0

Time-->





#25

2-Butanone

Concen: 260.138 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

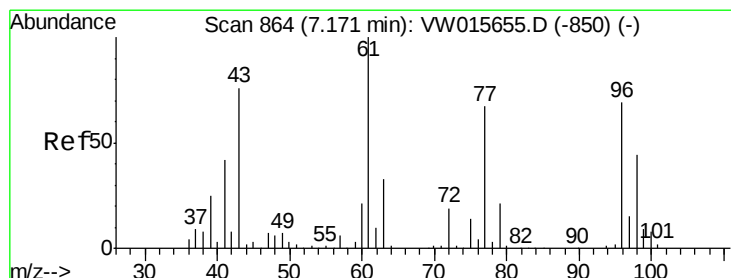
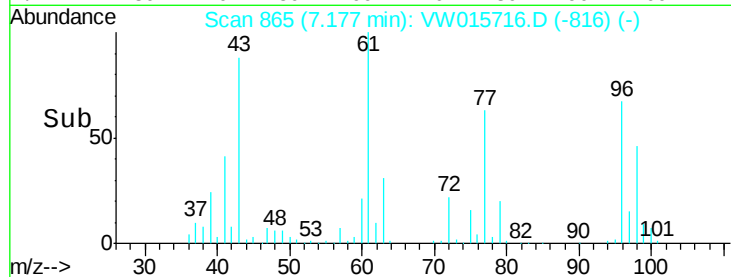
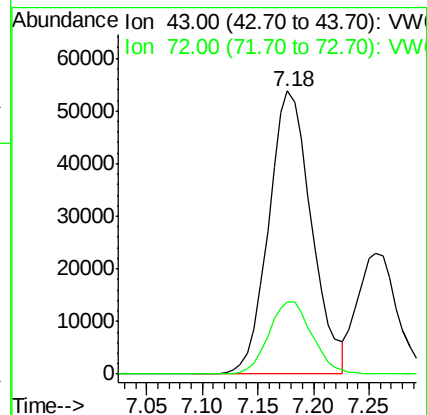
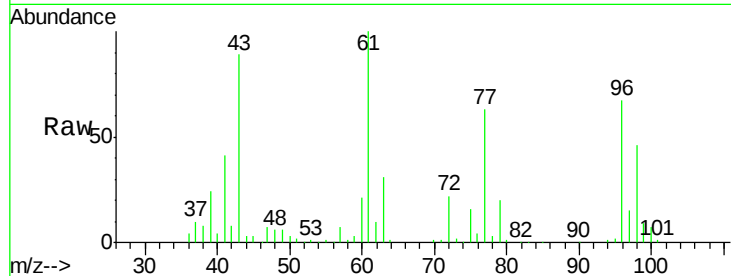
VSTDCCC050

Tot Ion: 43 Resp: 144039

Ion Ratio Lower Upper

43 100

72 25.4 21.1 31.7



#26

2,2-Dichloropropane

Concen: 49.282 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015716.D

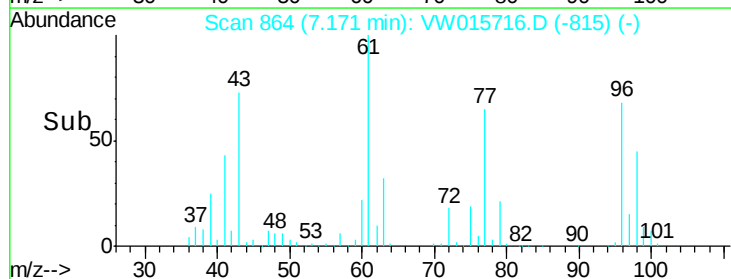
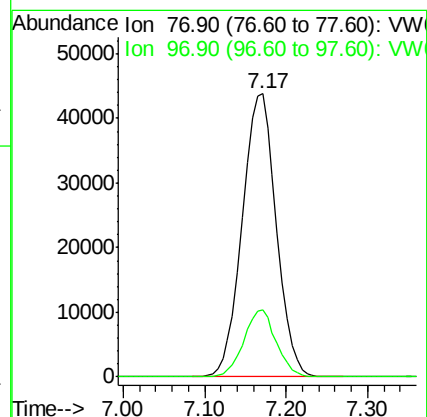
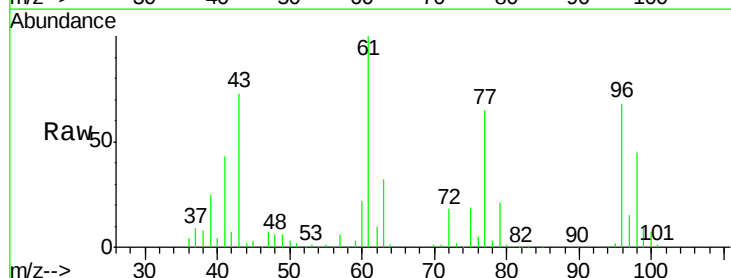
Acq: 25 Jun 2020 09:29

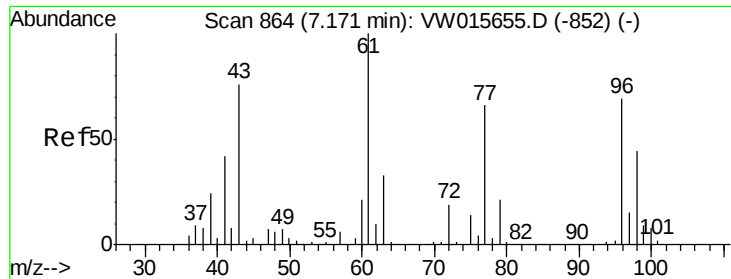
Tgt Ion: 77 Resp: 126849

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5



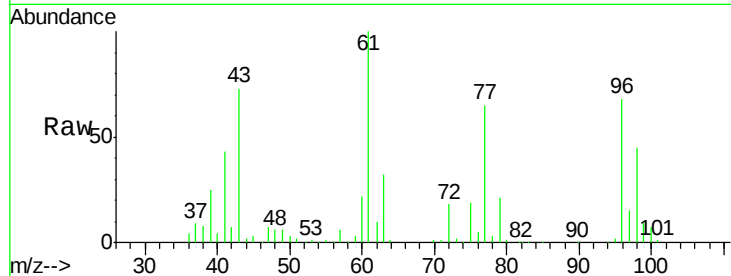


#27

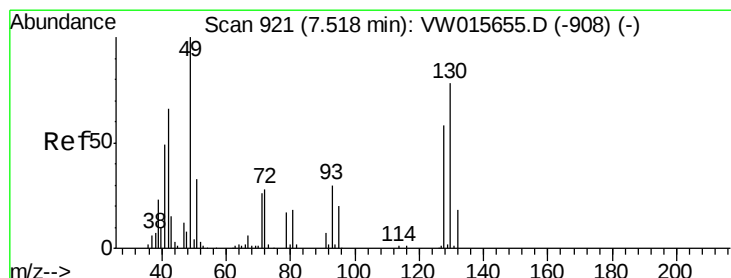
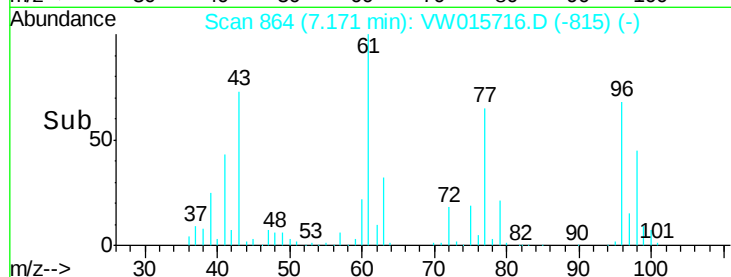
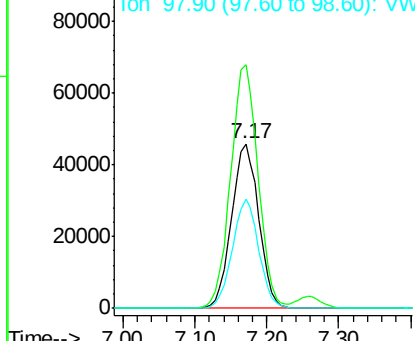
cis-1,2-Dichloroethene
Concen: 51.506 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 120023
Ion Ratio Lower Upper
96 100
61 149.3 0.0 296.8
98 64.2 0.0 128.0



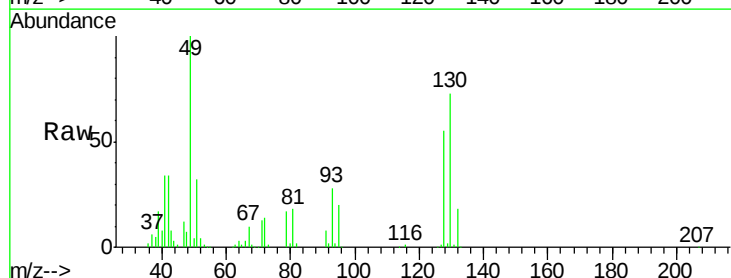
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



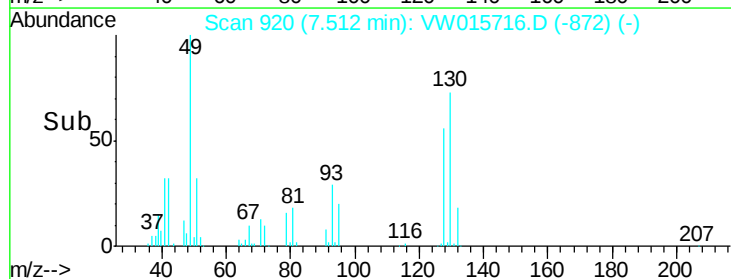
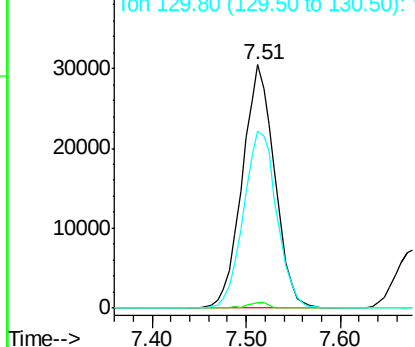
#28

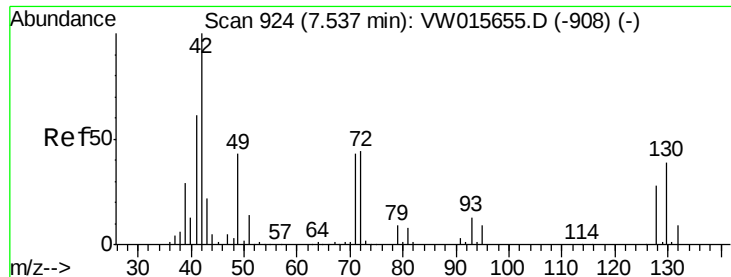
Bromochloromethane
Concen: 49.534 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 49 Resp: 73122
Ion Ratio Lower Upper
49 100
129 1.6 0.0 2.2
130 75.0 61.0 91.4



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

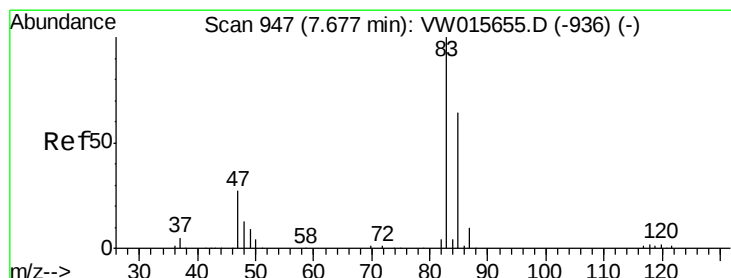
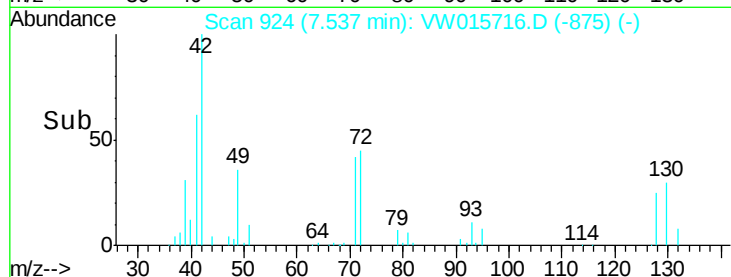
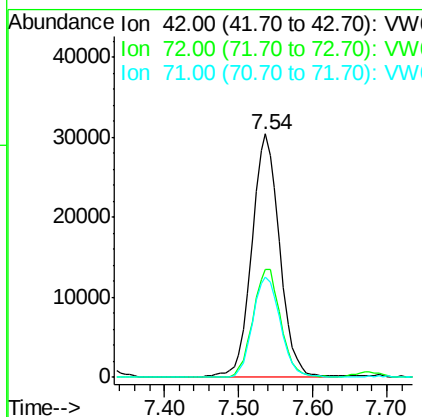
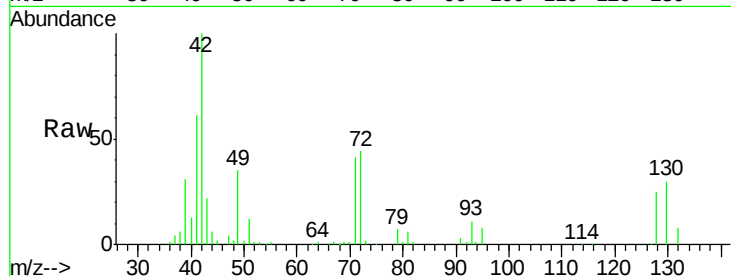




#29
Tetrahydrofuran
Concen: 245.739 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

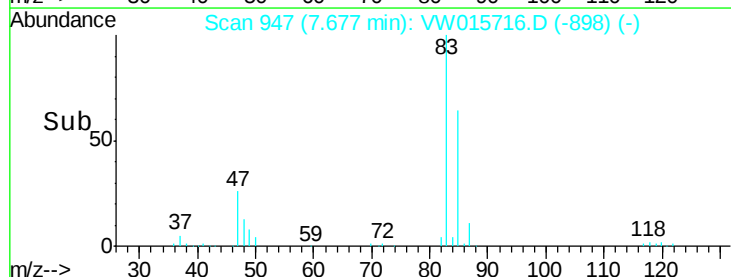
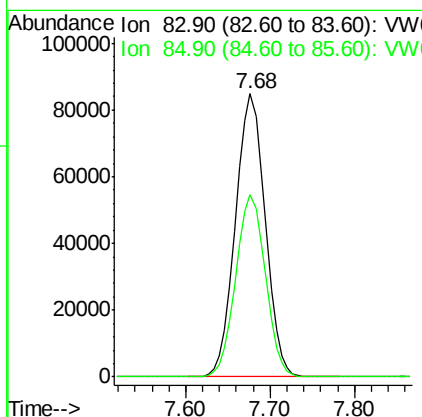
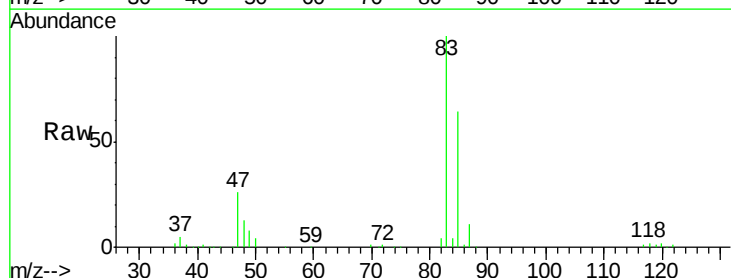
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

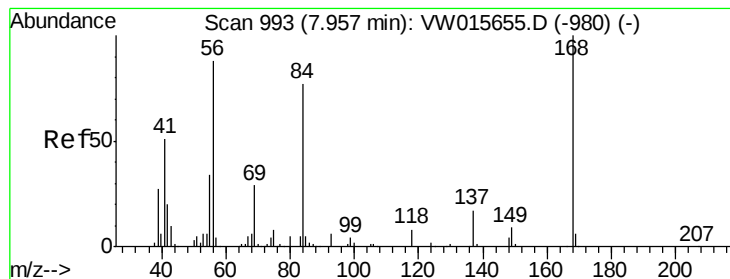
Tot Ion: 42 Resp: 79958
Ion Ratio Lower Upper
42 100
72 44.3 35.0 52.6
71 41.1 32.6 49.0



#30
Chloroform
Concen: 51.287 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 83 Resp: 201855
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4





#31

Cyclohexane

Concen: 50.342 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

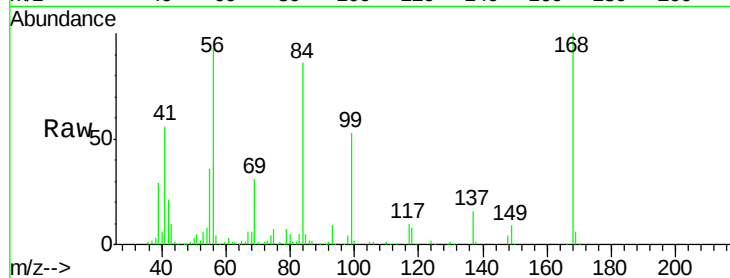
Tot Ion: 56 Resp: 186884

Ion Ratio Lower Upper

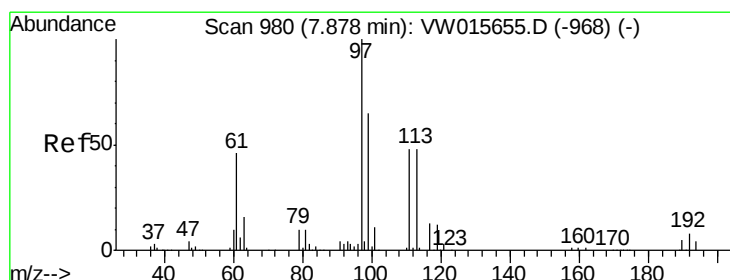
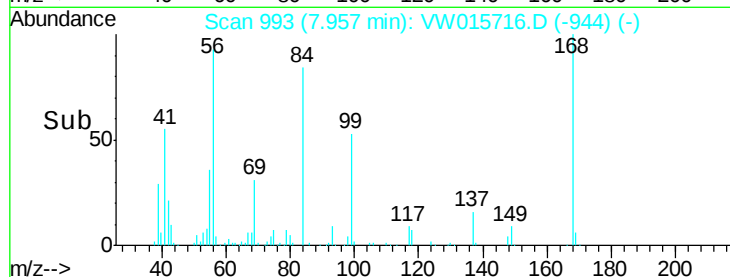
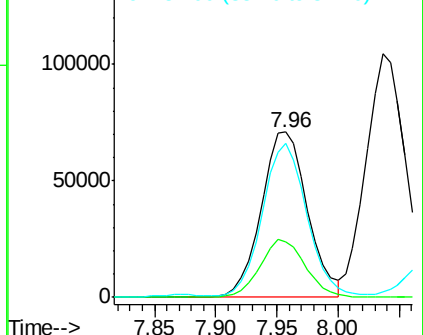
56 100

69 33.7 26.2 39.4

84 91.6 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 51.821 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

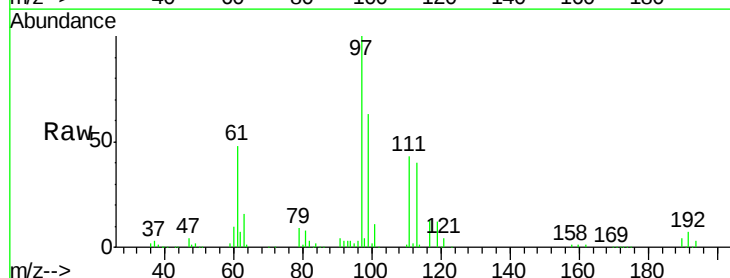
Tgt Ion: 97 Resp: 173855

Ion Ratio Lower Upper

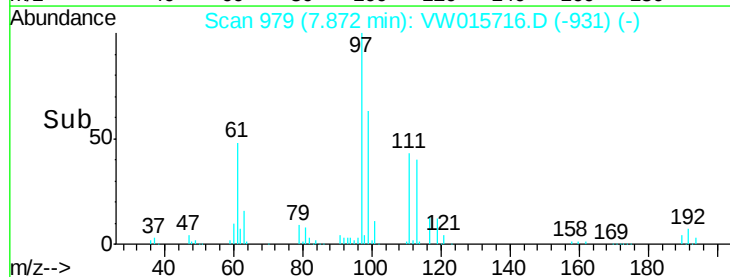
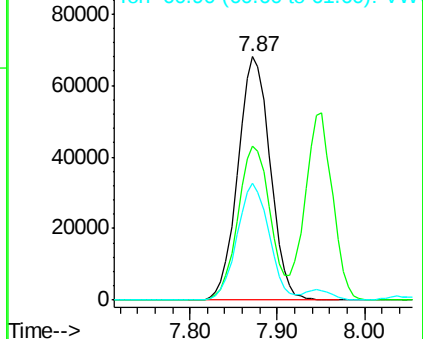
97 100

99 63.1 51.9 77.9

61 47.9 37.3 55.9



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: 47.979 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampled :

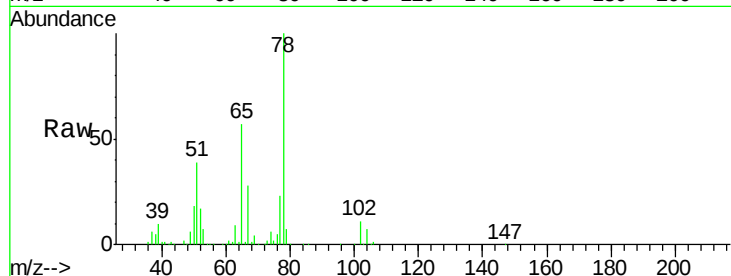
VSTDCCC050

Tot Ion: 65 Resp: 103397

Ion Ratio Lower Upper

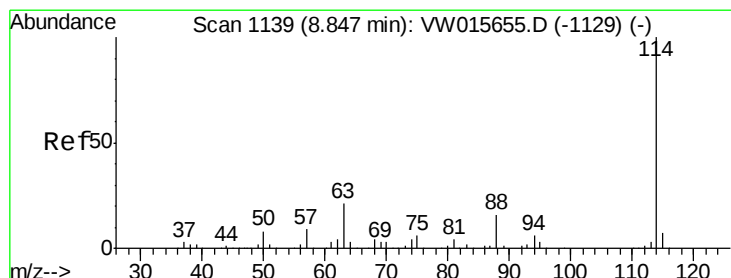
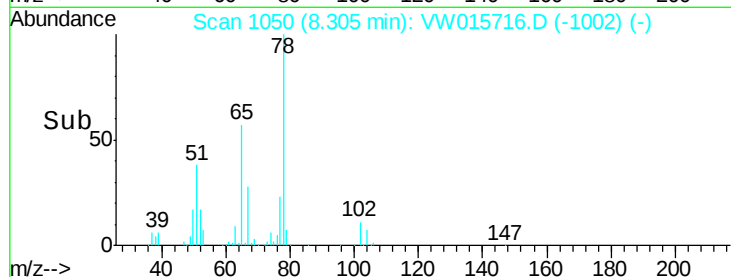
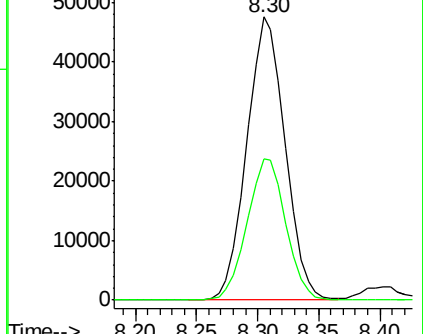
65 100

67 50.6 0.0 102.2



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: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

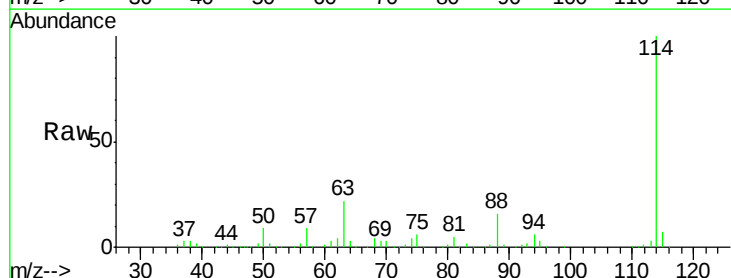
Tgt Ion: 114 Resp: 294571

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

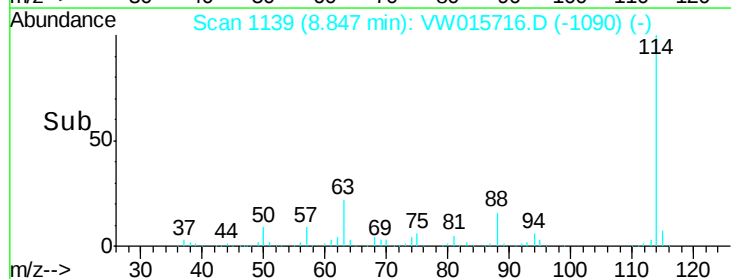
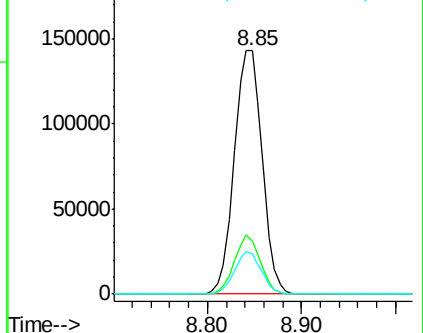
88 16.5 0.0 32.6

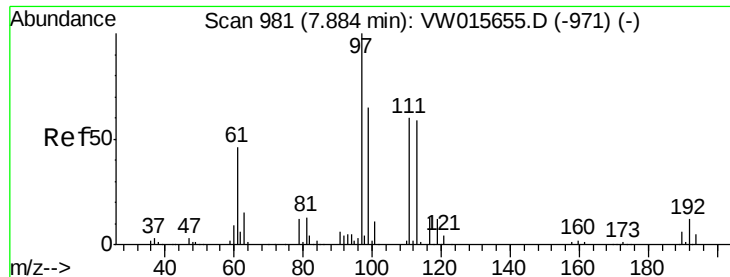


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

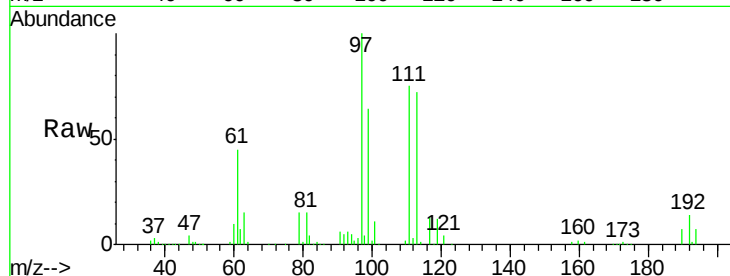




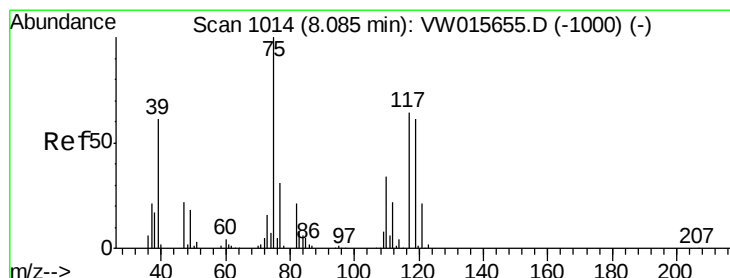
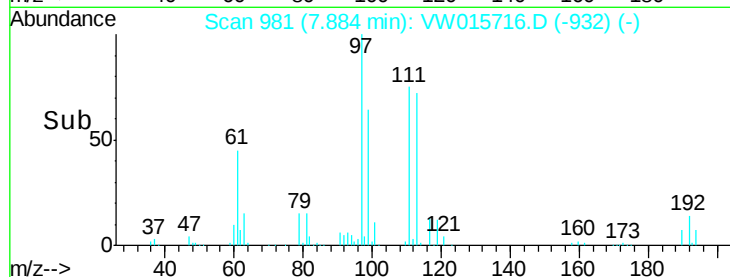
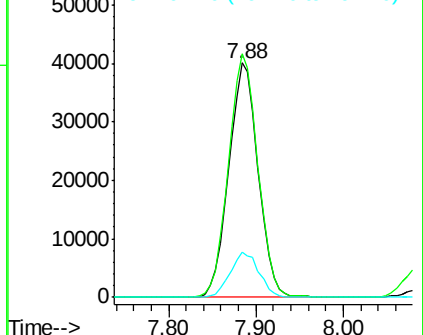
#35
 Dibromofluoromethane
 Concen: 50.475 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 93527
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.3 123.5
 192 19.1 16.4 24.6

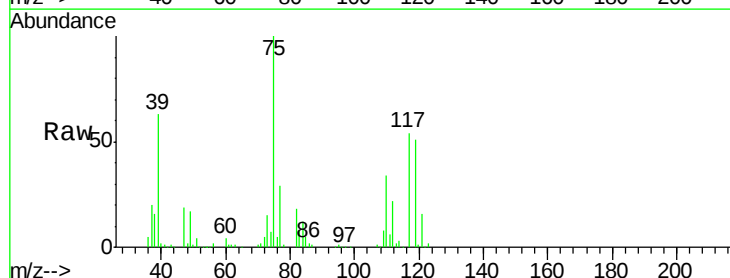


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

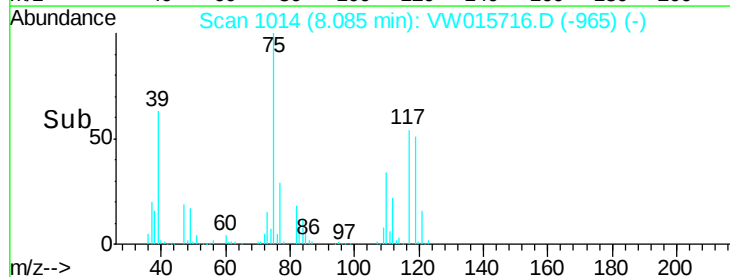
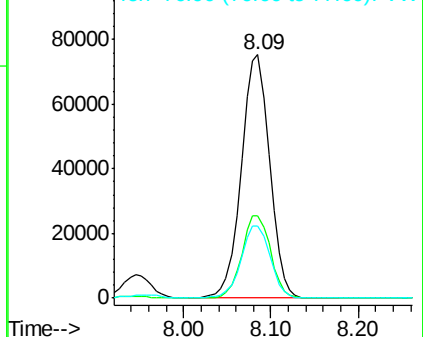


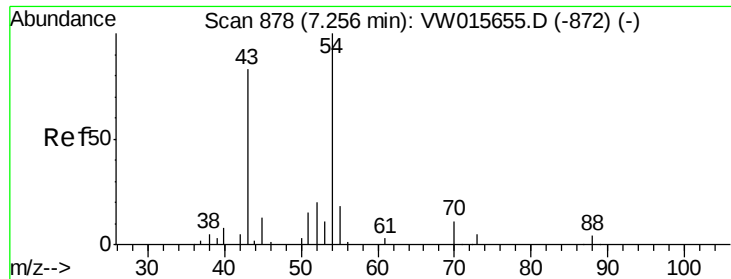
#36
 1,1-Dichloropropene
 Concen: 55.178 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 75 Resp: 169057
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.0 51.0
 77 30.7 24.6 36.8



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

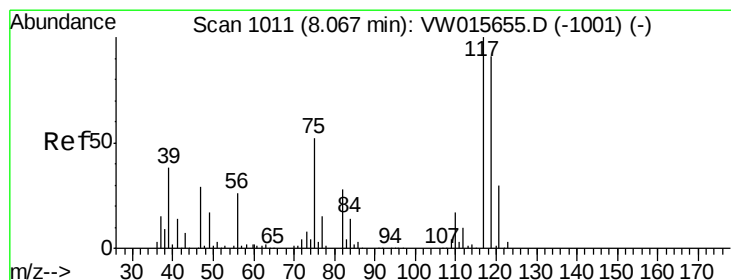
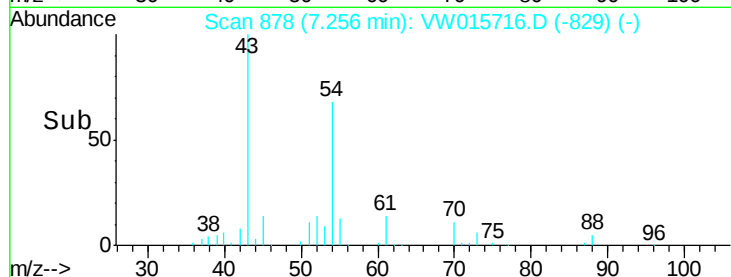
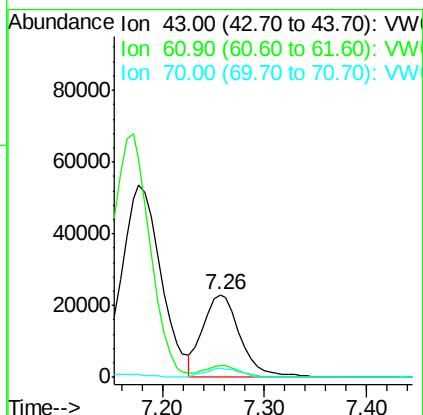
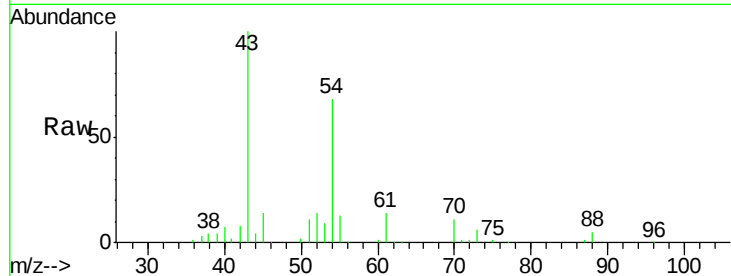




#37
Ethyl Acetate
Concen: 49.754 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

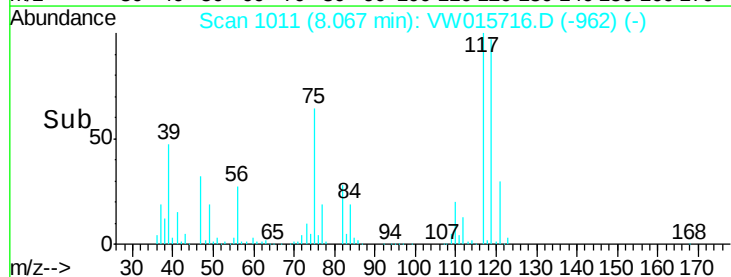
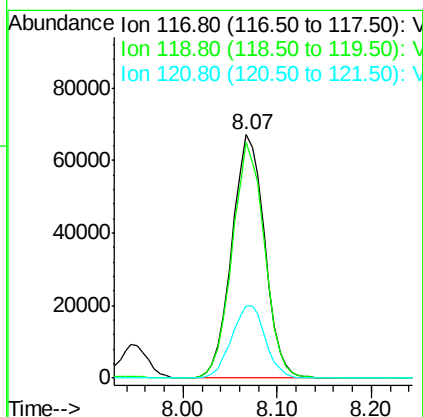
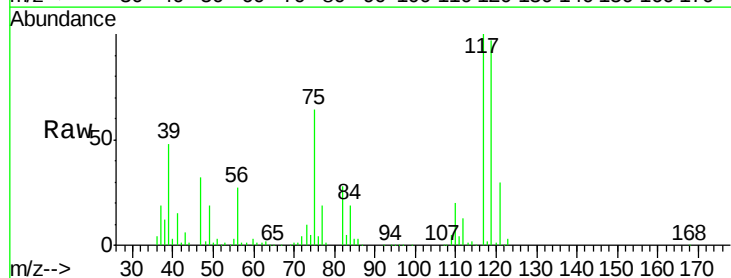
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

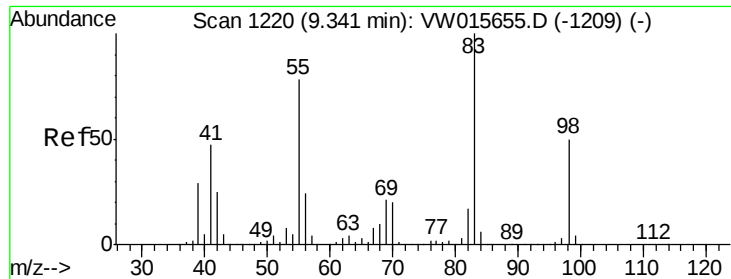
Tot Ion: 43 Resp: 58204
Ion Ratio Lower Upper
43 100
61 14.6 10.4 15.6
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 54.865 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 117 Resp: 162945
Ion Ratio Lower Upper
117 100
119 96.9 73.2 109.8
121 29.7 23.9 35.9

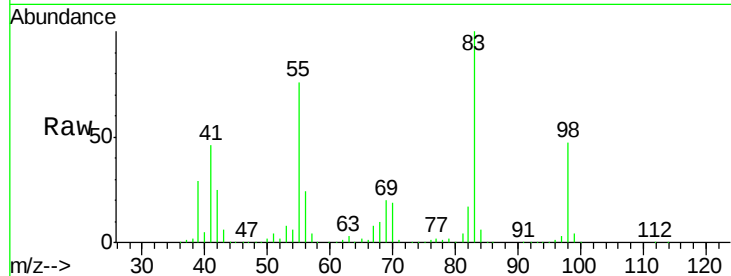




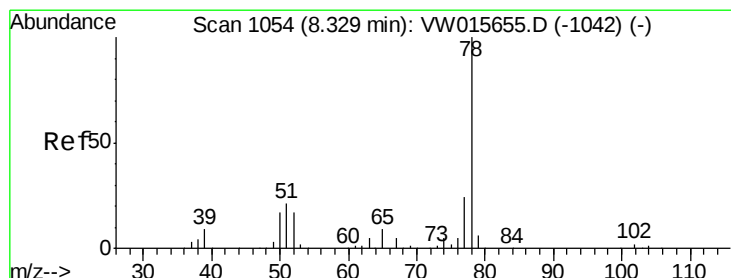
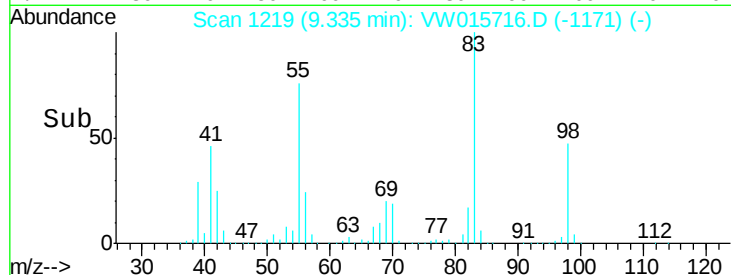
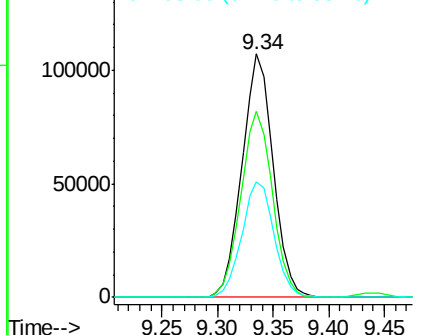
#39
Methvlcvclohexane
Concen: 56.295 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 208909
Ion Ratio Lower Upper
83 100
55 76.4 62.8 94.2
98 47.4 39.9 59.9

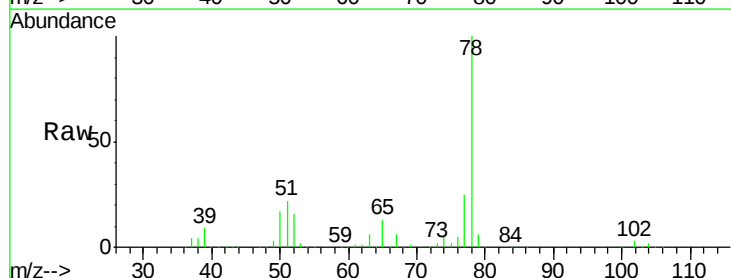


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

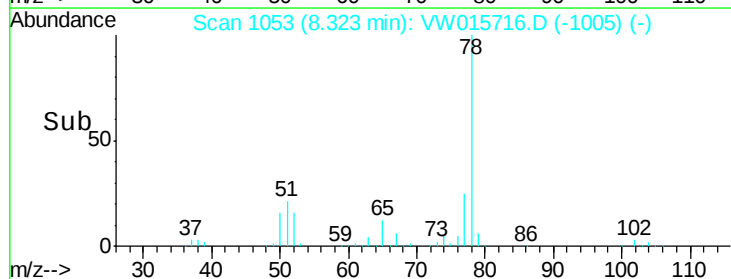
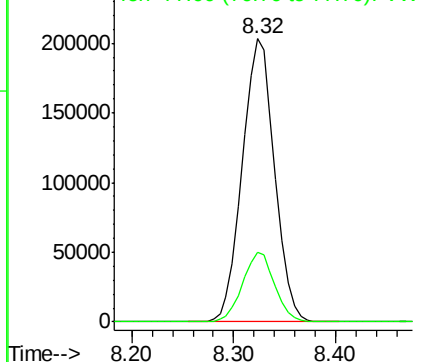


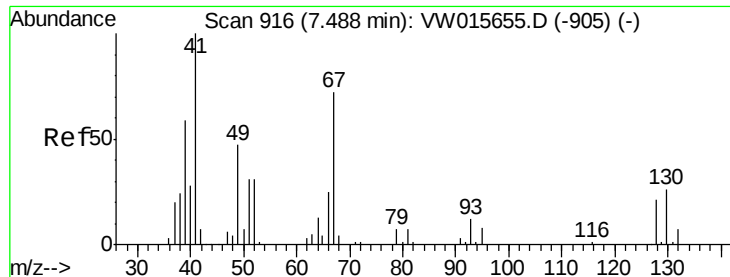
#40
Benzene
Concen: 53.681 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 78 Resp: 447206
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

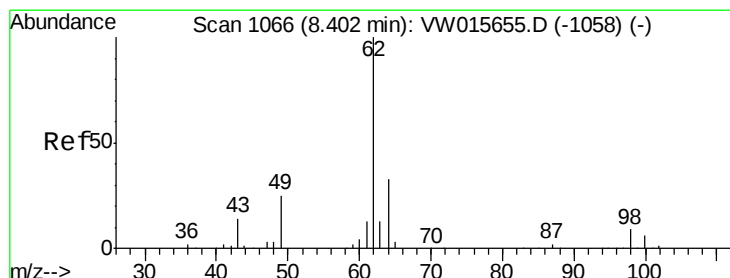
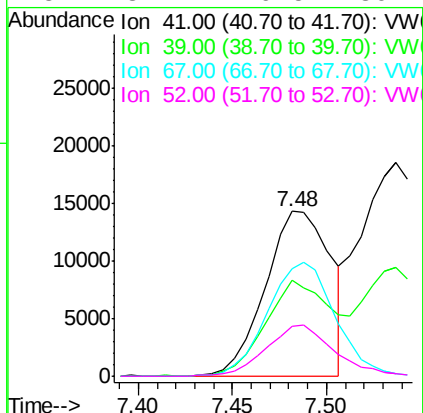
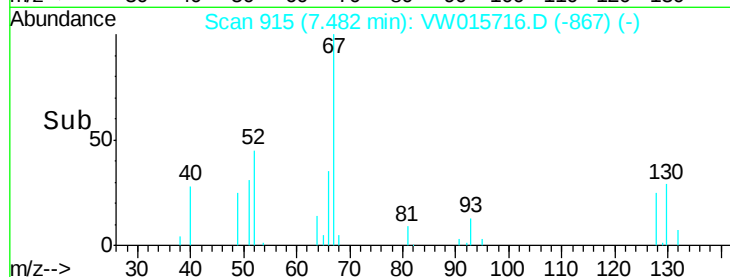
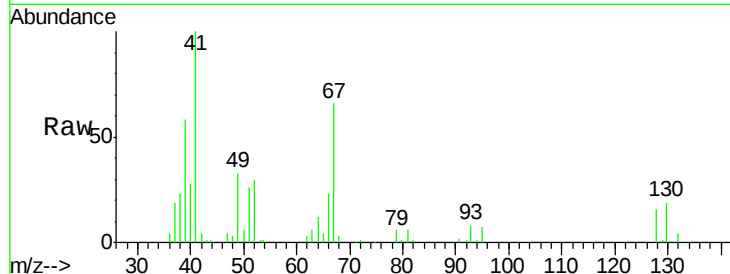




#41
Methacrylonitrile
Concen: 51.394 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

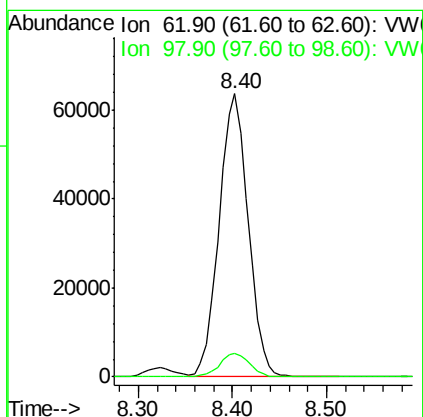
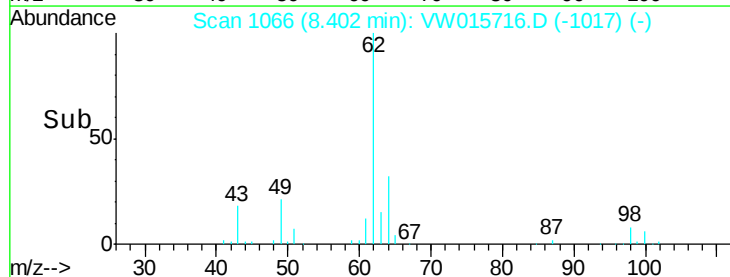
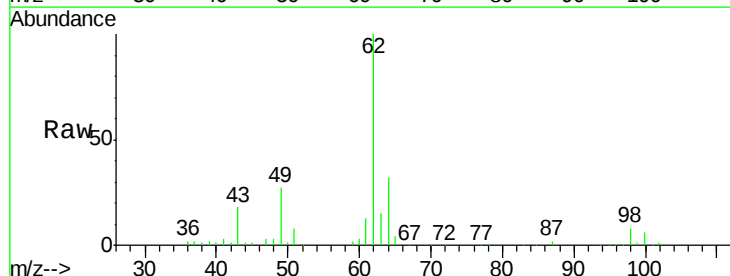
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

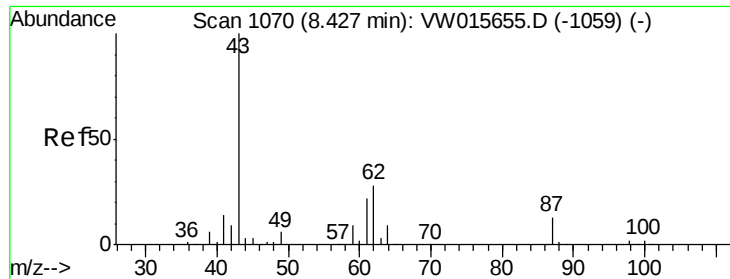
Tot Ion: 41 Resp: 34506
Ion Ratio Lower Upper
41 100
39 62.6 52.0 78.0
67 71.8 57.5 86.3
52 32.7 26.5 39.7



#42
1,2-Dichloroethane
Concen: 52.745 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 62 Resp: 135936
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.4





#43

Isopropyl Acetate

Concen: 51.419 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

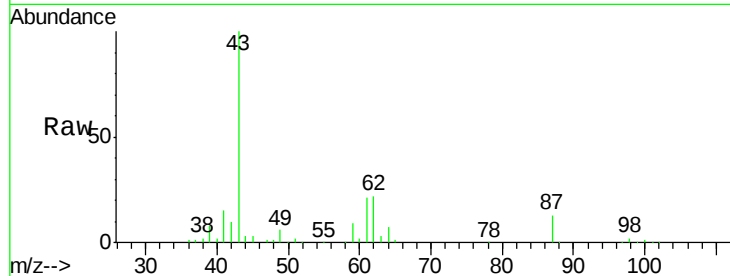
Tot Ion: 43 Resp: 120039

Ion Ratio Lower Upper

43 100

61 31.1 24.7 37.1

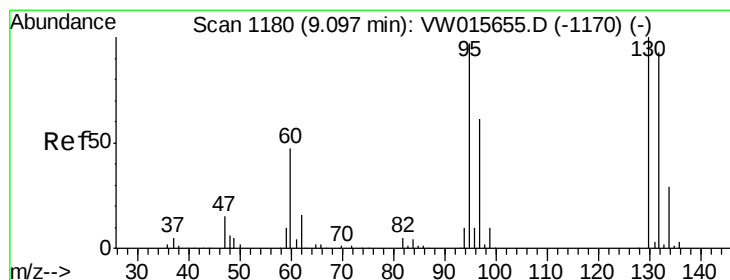
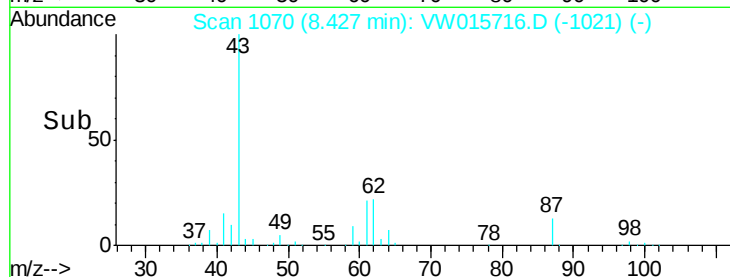
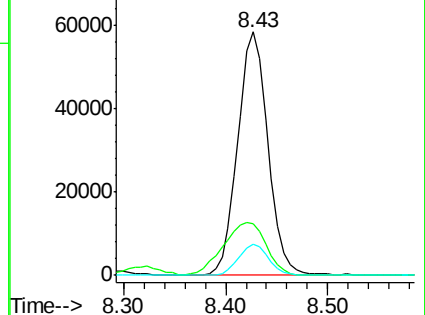
87 12.7 10.2 15.2



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: 53.365 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW015716.D

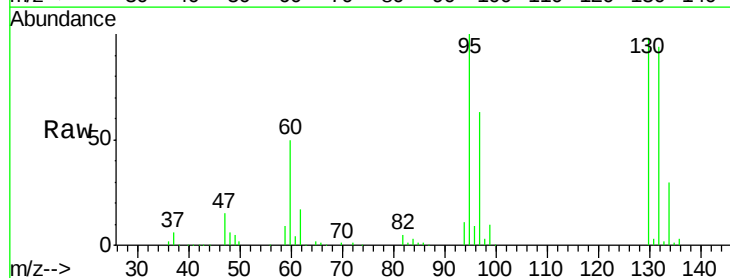
Acq: 25 Jun 2020 09:29

Tgt Ion:130 Resp: 119829

Ion Ratio Lower Upper

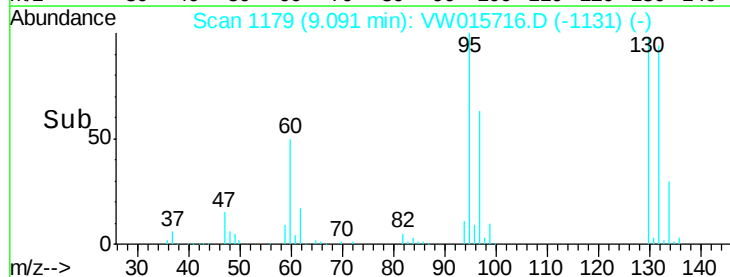
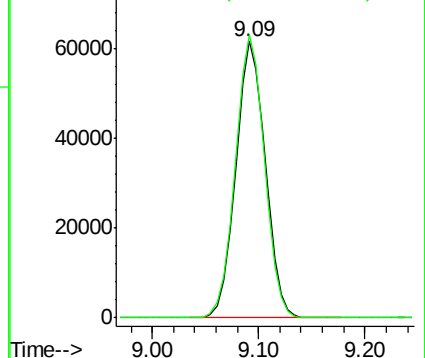
130 100

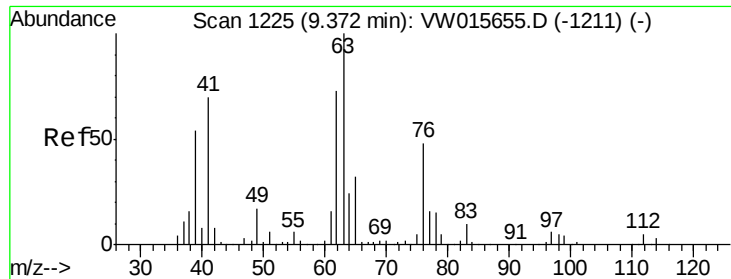
95 102.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

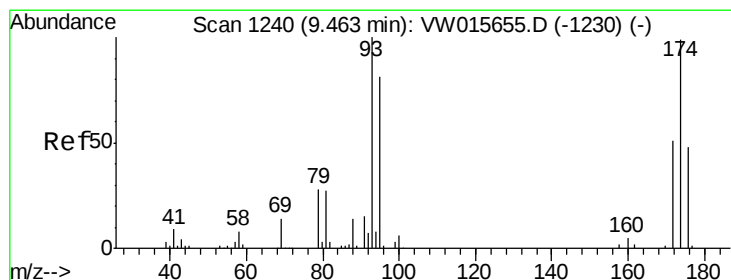
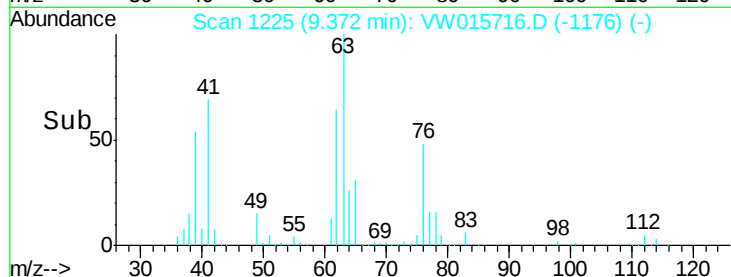
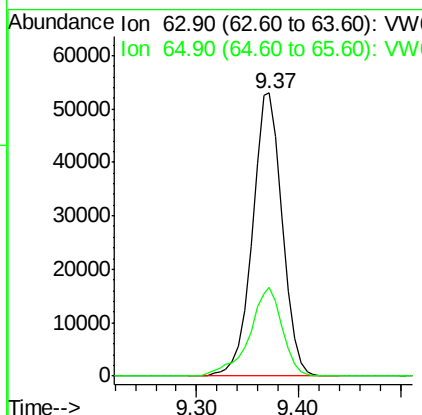
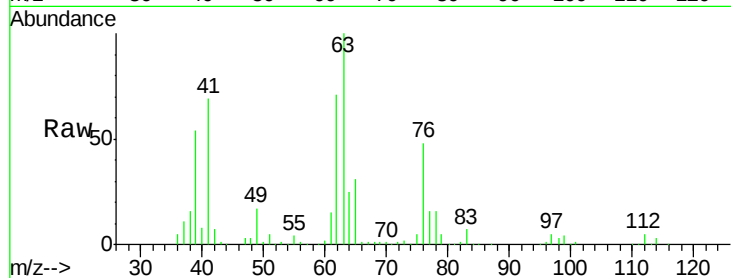




#45
 1,2-Dichloropropane
 Concen: 52.827 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

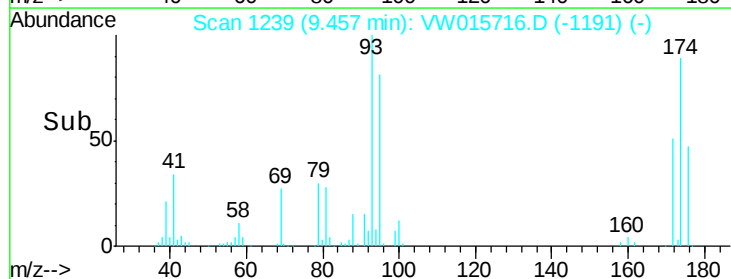
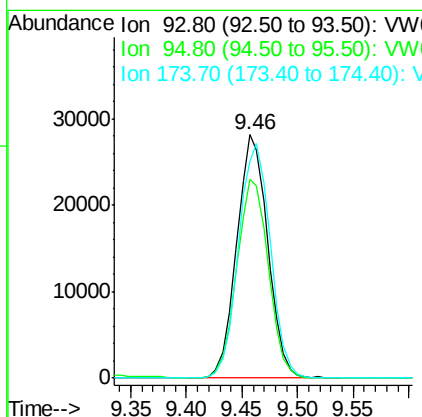
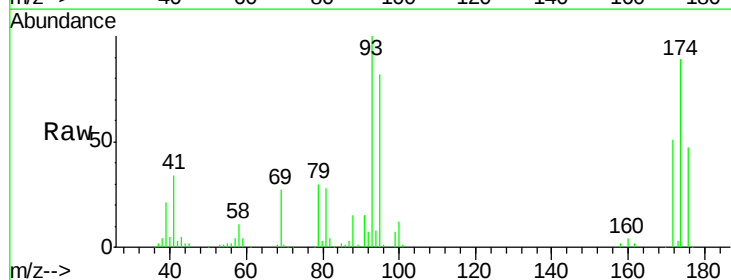
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

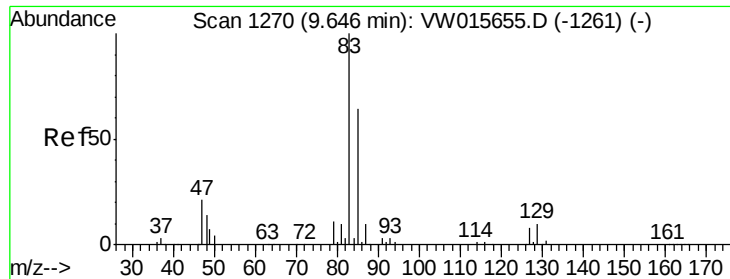
Tot Ion: 63 Resp: 107571
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.3 37.9



#46
 Dibromomethane
 Concen: 51.545 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 93 Resp: 54307
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.7 98.5
 174 98.8 79.0 118.6





#47

Bromodichloromethane

Concen: 52.837 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

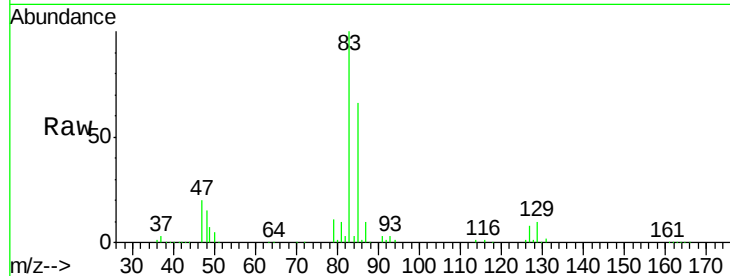
Tot Ion: 83 Resp: 145207

Ion Ratio Lower Upper

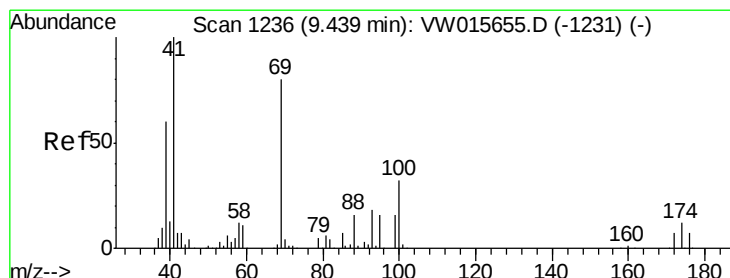
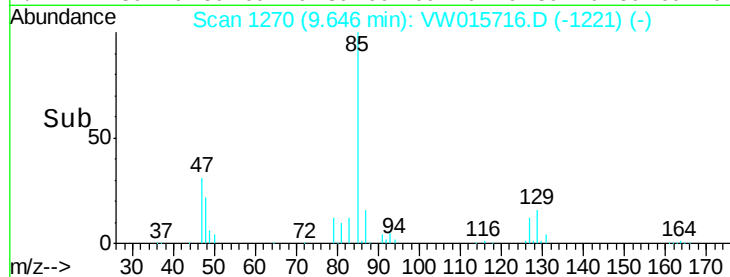
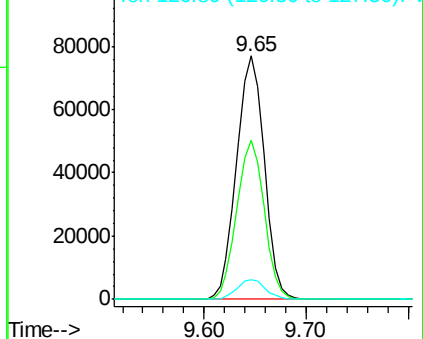
83 100

85 65.6 50.8 76.2

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 52.679 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

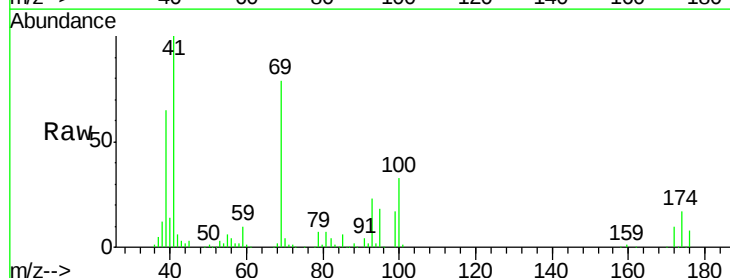
Tgt Ion: 41 Resp: 56225

Ion Ratio Lower Upper

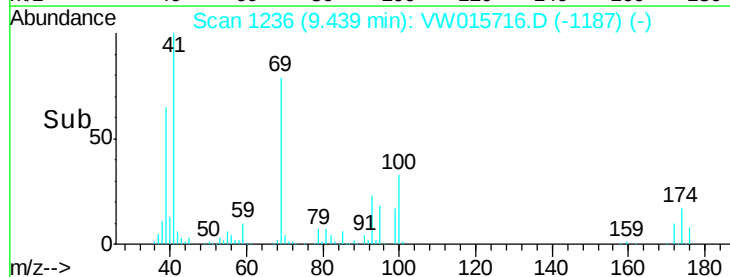
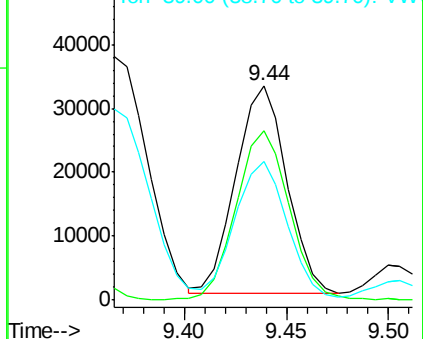
41 100

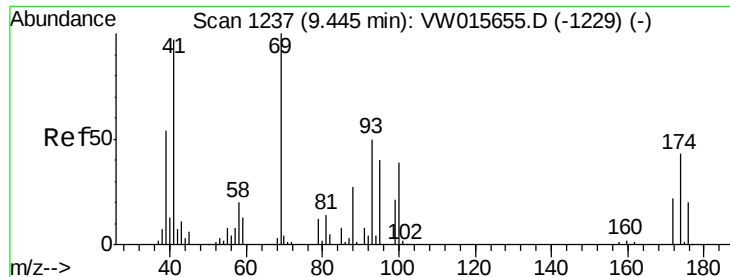
69 85.9 68.2 102.2

39 65.6 49.8 74.6



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: 1097.884 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.02 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

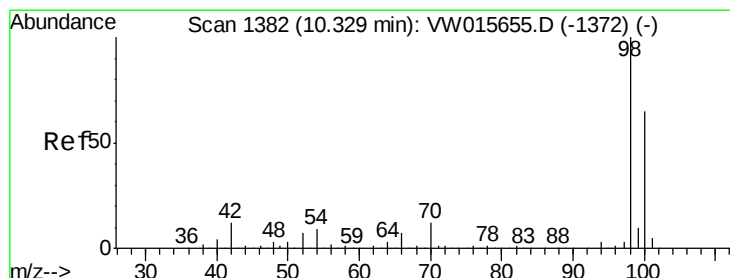
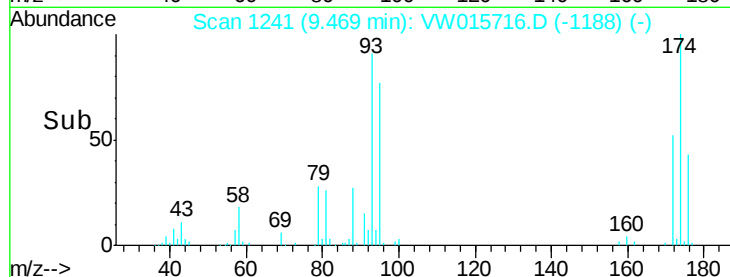
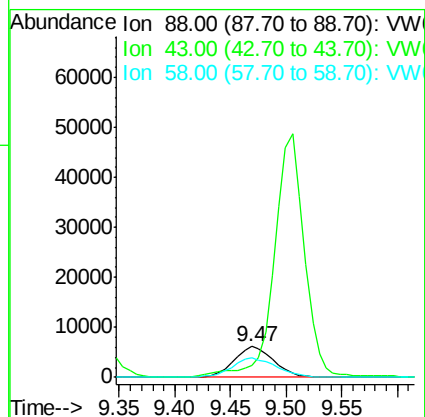
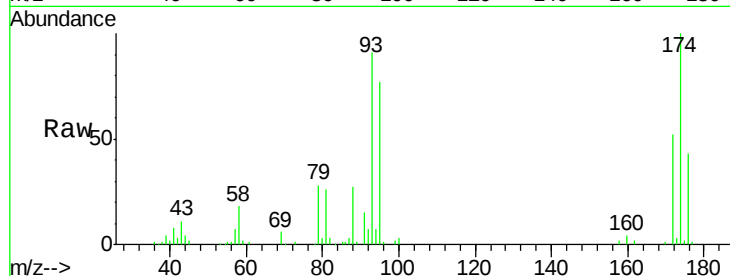
Tot Ion: 88 Resp: 15174

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 72.4 56.1 84.1



#50

Toluene-d8

Concen: 51.449 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015716.D

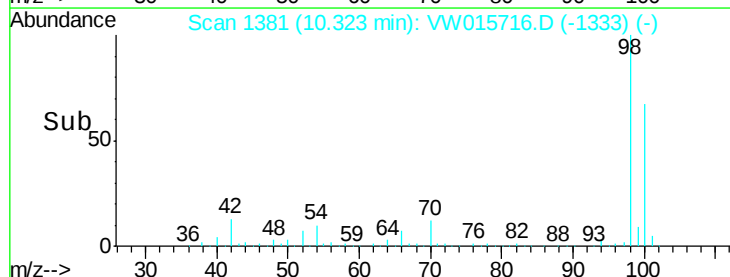
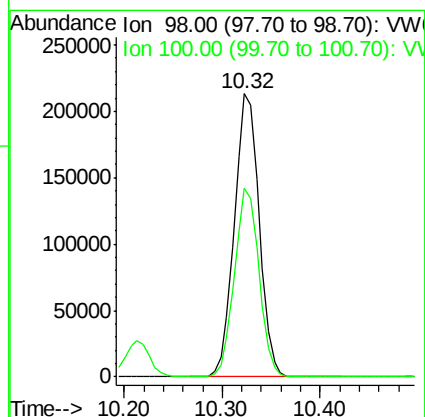
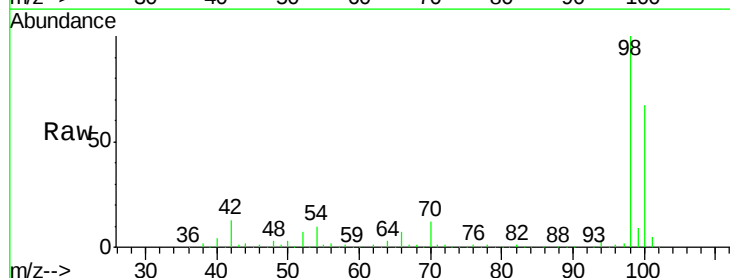
Acq: 25 Jun 2020 09:29

Tgt Ion: 98 Resp: 375168

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 260.679 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

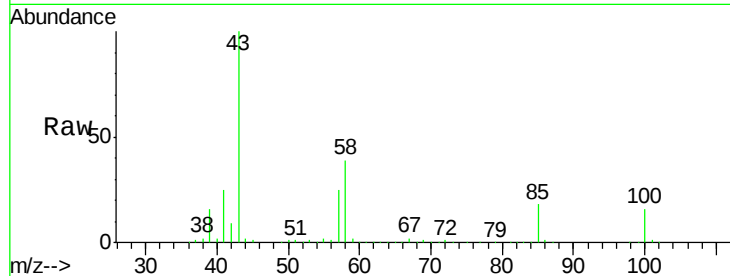
VSTDCCC050

Tot Ion: 43 Resp: 293478

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

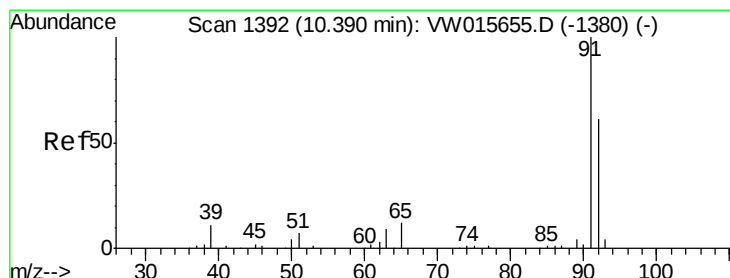
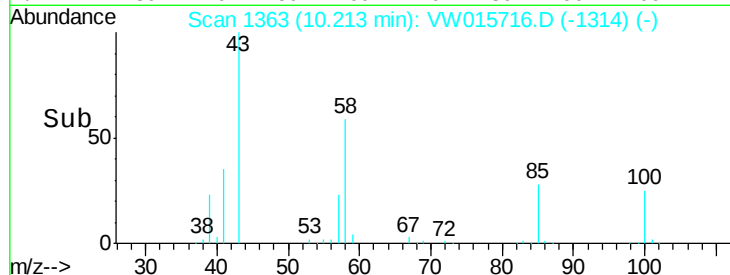
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 54.939 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015716.D

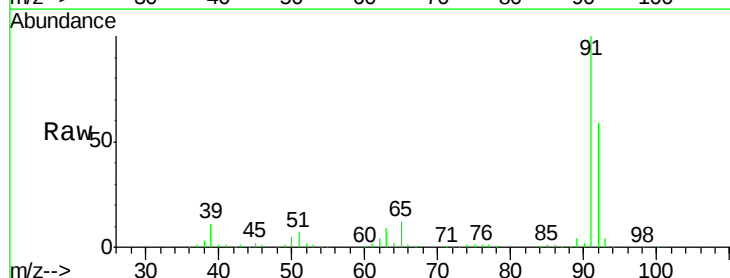
Acq: 25 Jun 2020 09:29

Tgt Ion: 92 Resp: 295531

Ion Ratio Lower Upper

92 100

91 171.8 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

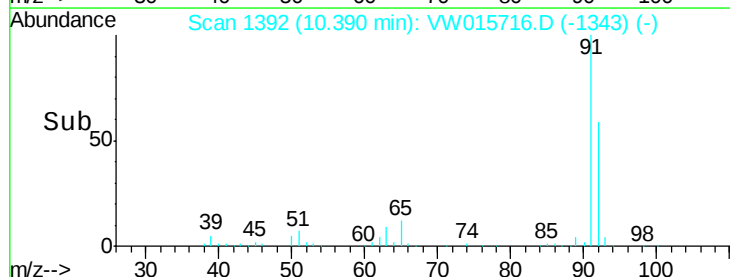
300000

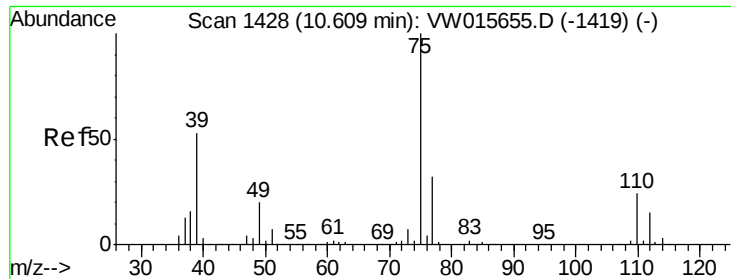
200000

100000

0

Time-->

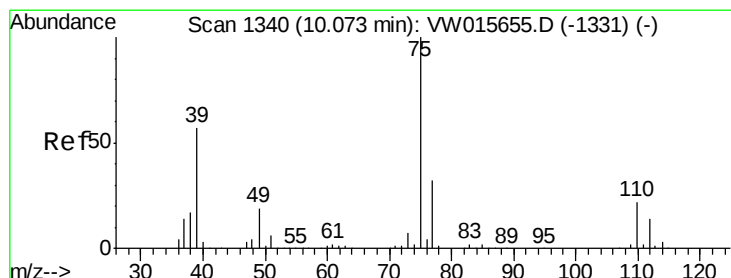
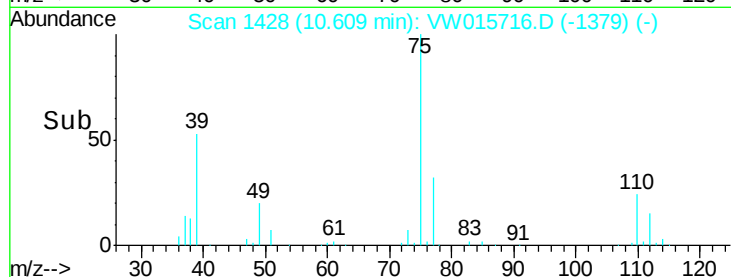
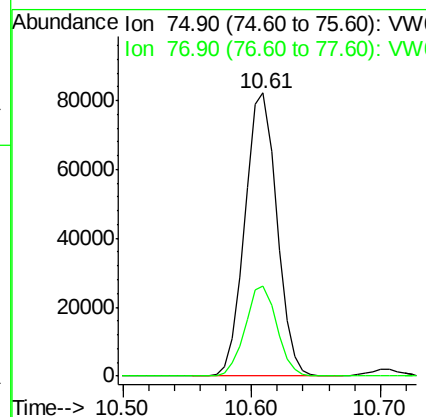
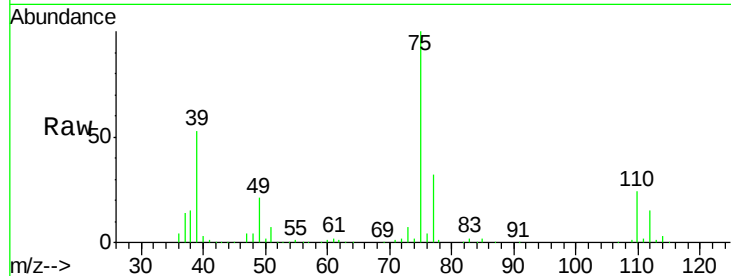




#53
 t-1,3-Dichloropropene
 Concen: 53.052 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

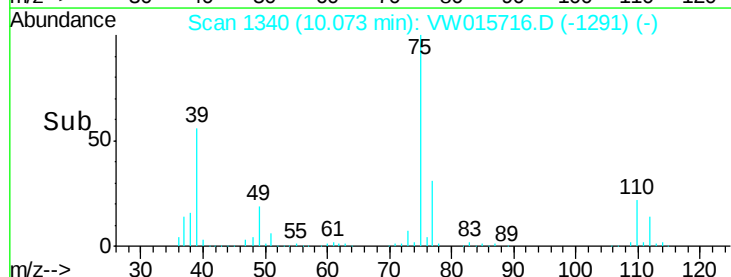
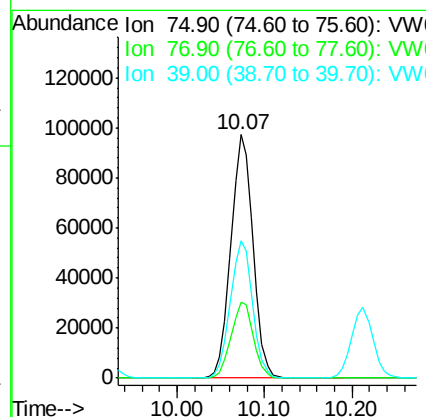
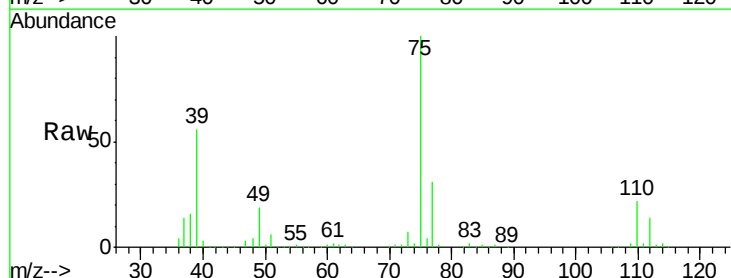
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

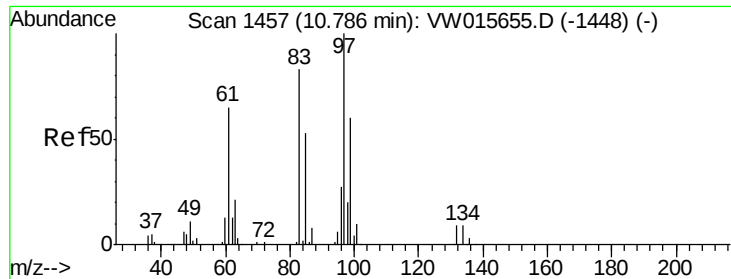
Tot Ion: 75 Resp: 140850
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.802 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 75 Resp: 170642
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 56.2 45.8 68.6

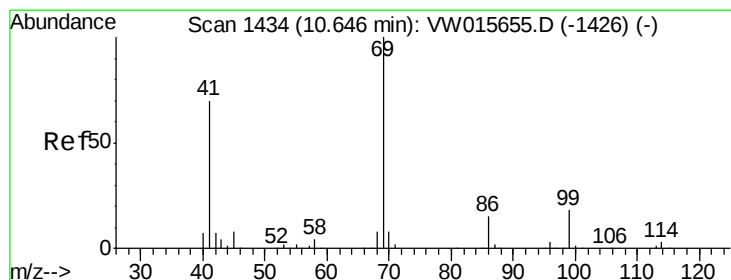
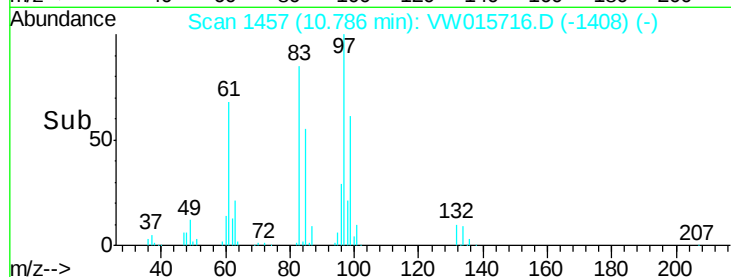
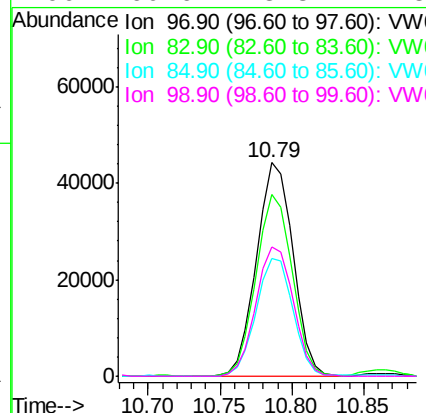
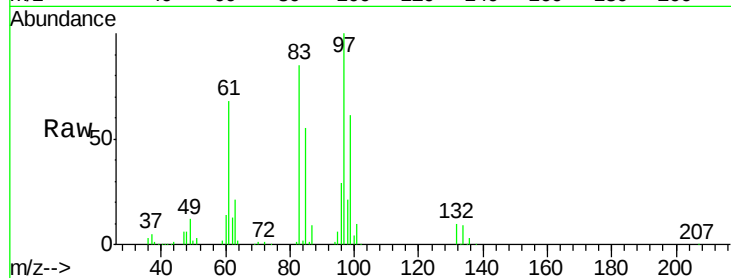




#55
 1,1,2-Trichloroethane
 Concen: 52.950 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

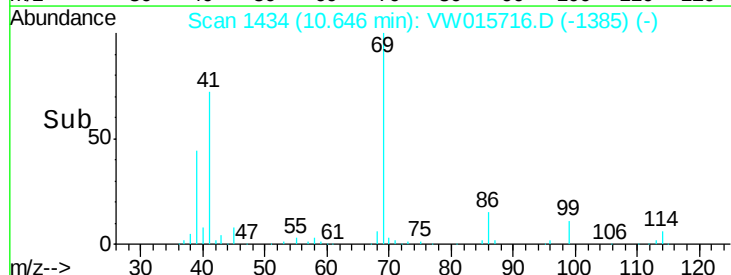
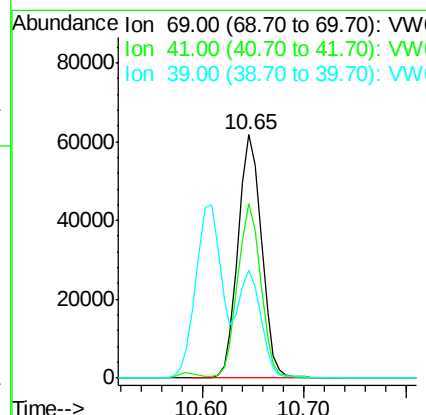
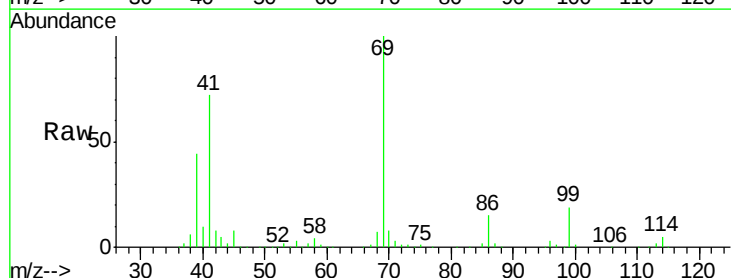
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

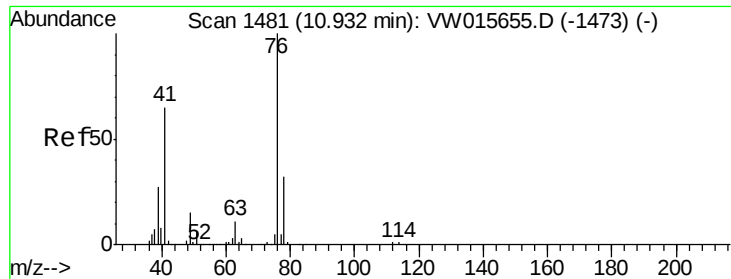
Tot Ion:	97	Resp:	77565
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.3	99.5
85	55.3	42.5	63.7
99	60.6	48.3	72.5



#56
 Ethyl methacrylate
 Concen: 54.122 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion:	69	Resp:	98646
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.8	83.6
39	42.8	29.5	44.3

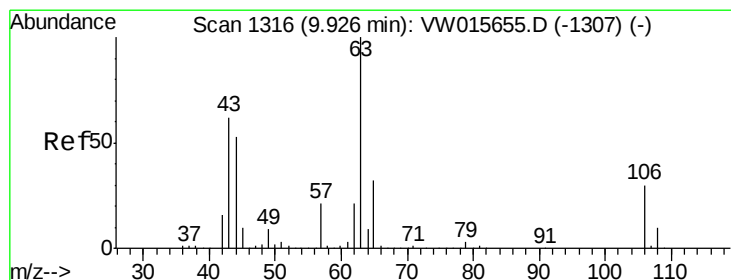
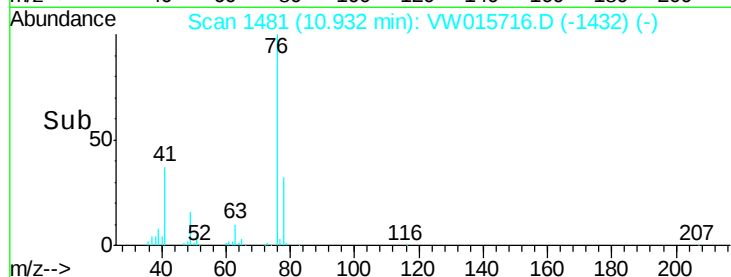
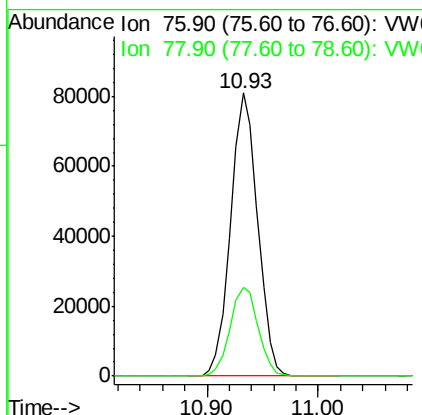
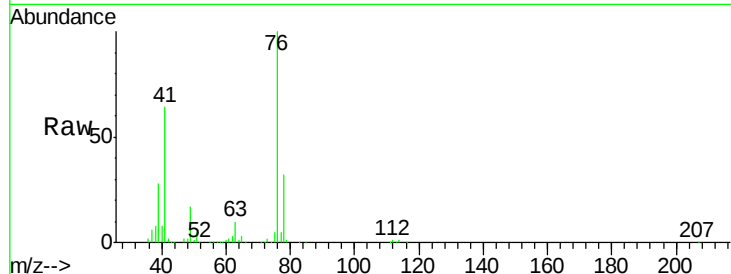




#57
 1,3-Dichloropropane
 Concen: 52.388 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

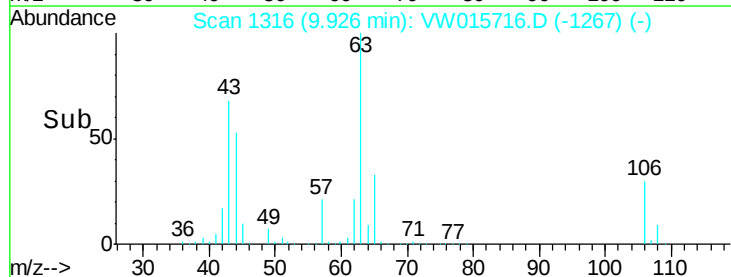
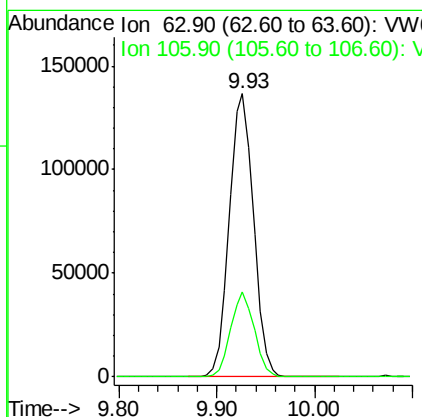
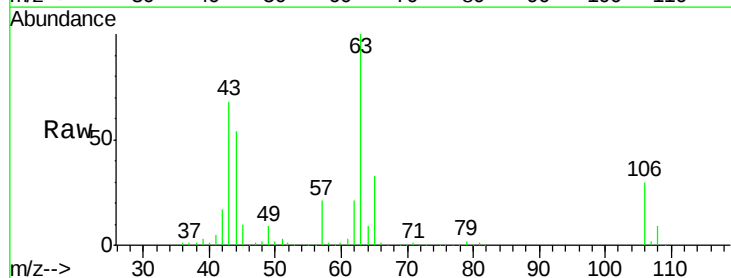
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

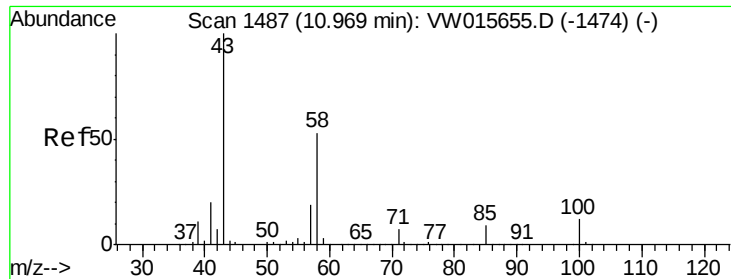
Tot Ion: 76 Resp: 136050
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.328 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 63 Resp: 234889
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.3 34.9

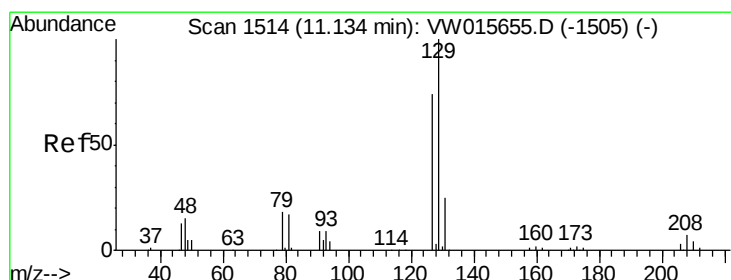
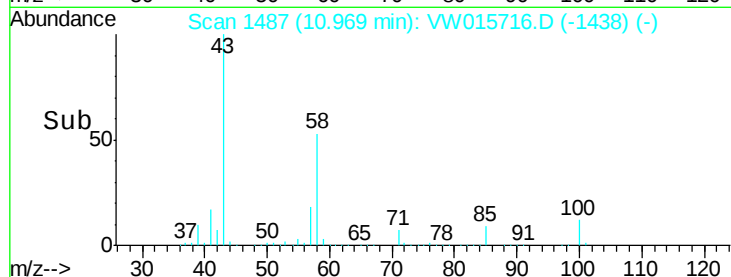
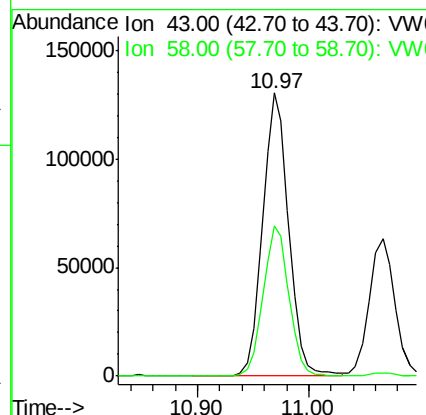
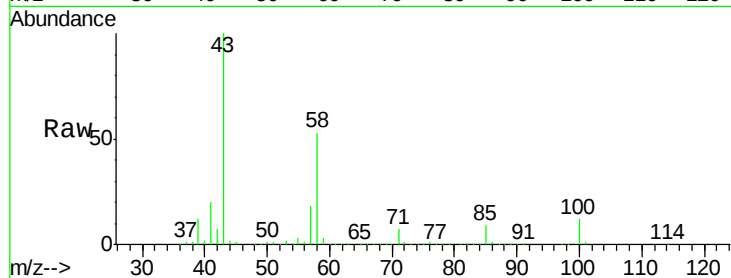




#59
2-Hexanone
Concen: 276.257 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

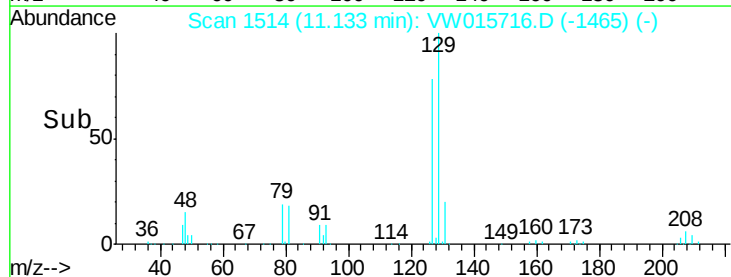
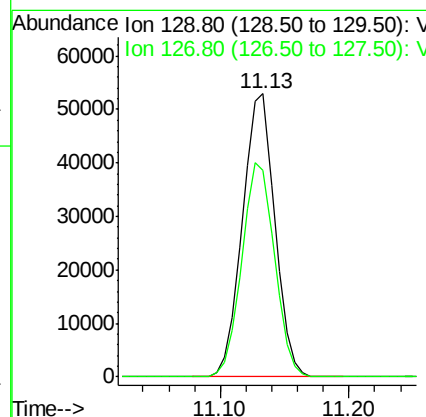
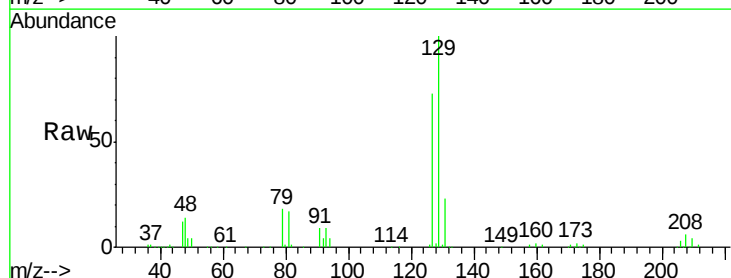
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

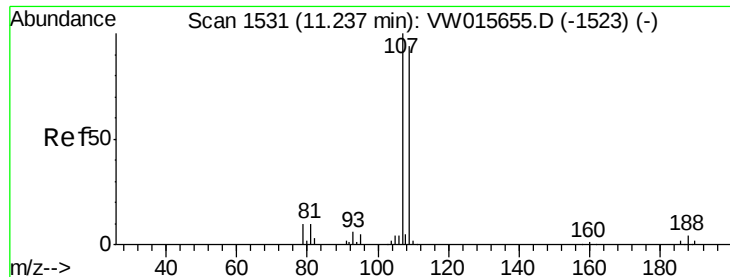
Tot Ion: 43 Resp: 211737
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.4



#60
Dibromochloromethane
Concen: 53.873 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:129 Resp: 91963
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 52.345 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

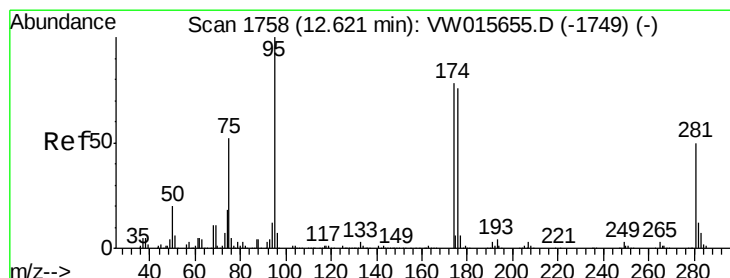
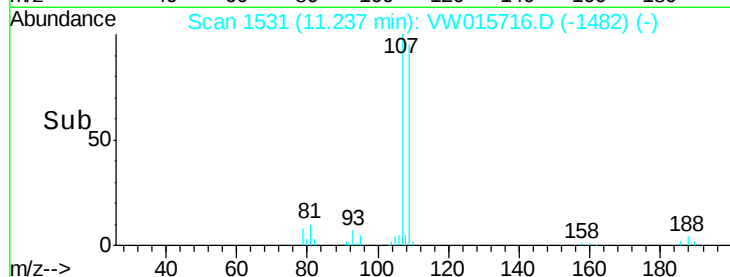
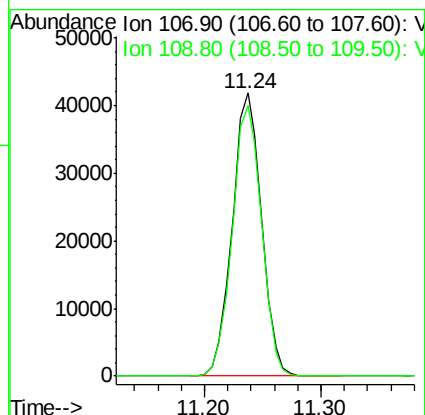
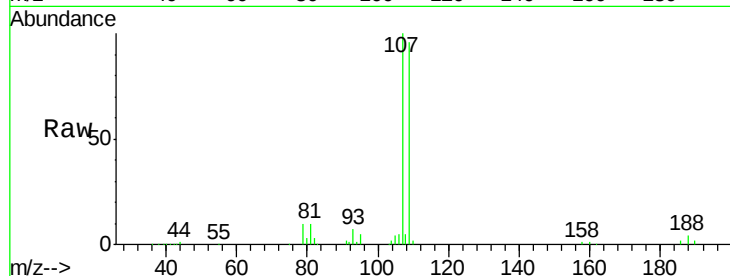
VSTDCCC050

Tot Ion:107 Resp: 73294

Ion Ratio Lower Upper

107 100

109 95.8 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 52.603 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

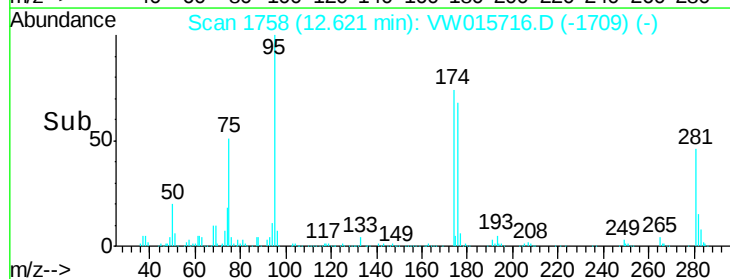
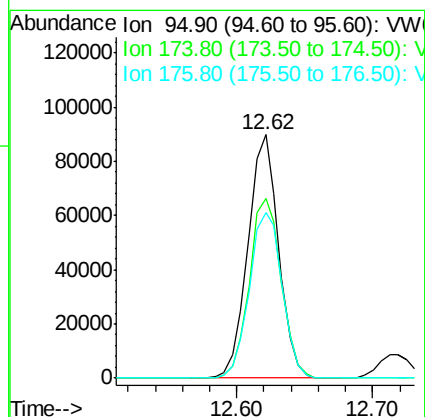
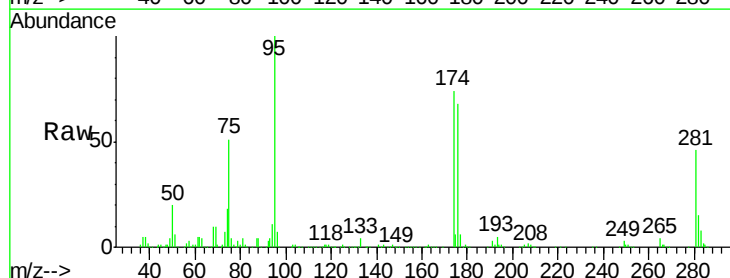
Tgt Ion: 95 Resp: 141263

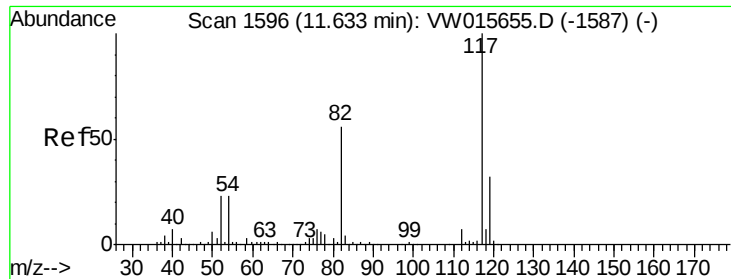
Ion Ratio Lower Upper

95 100

174 76.8 0.0 157.0

176 73.0 0.0 151.4

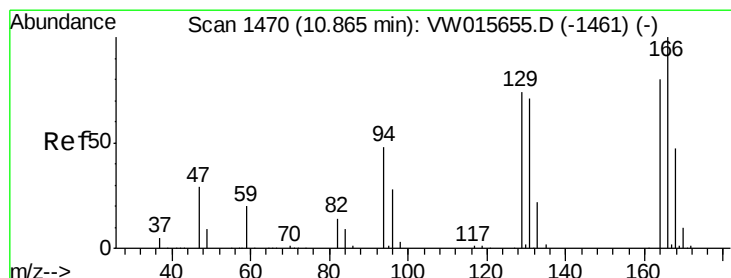
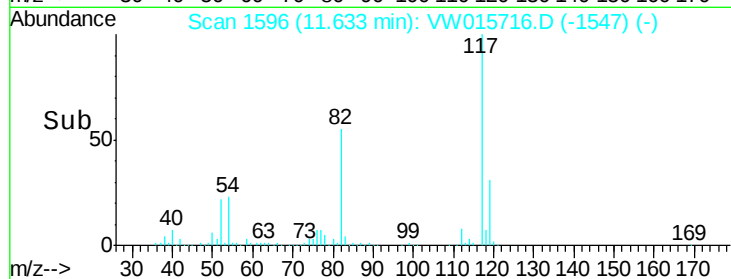
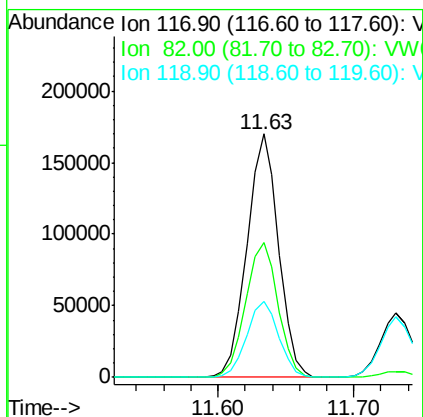
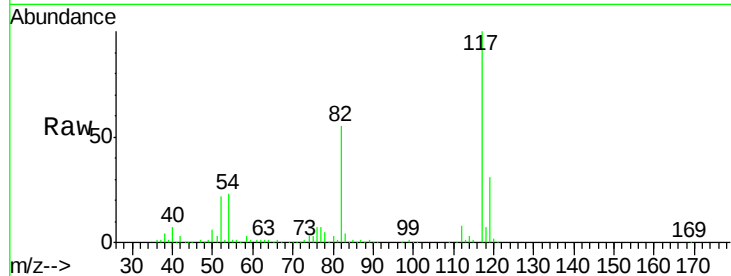




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

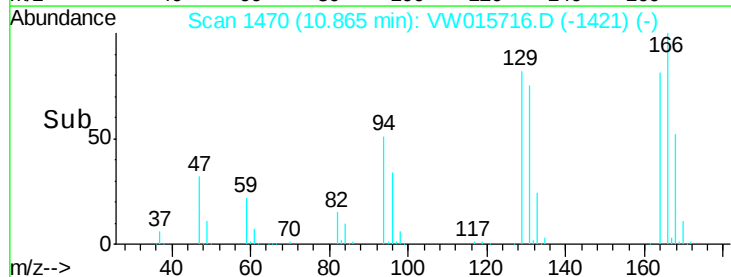
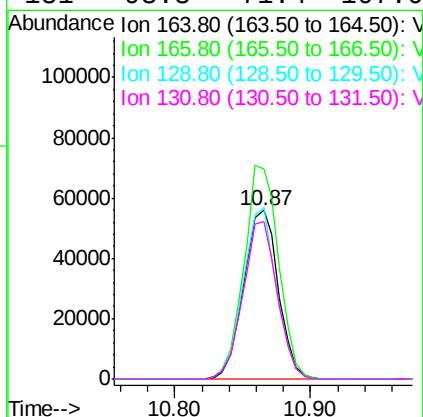
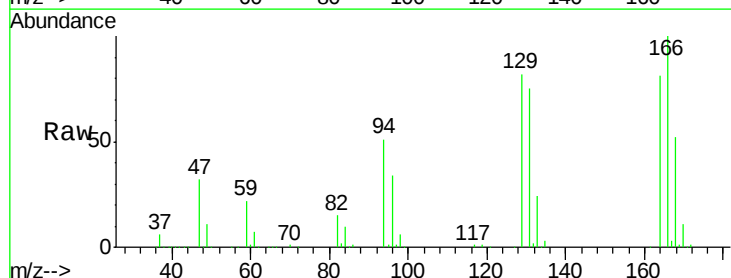
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

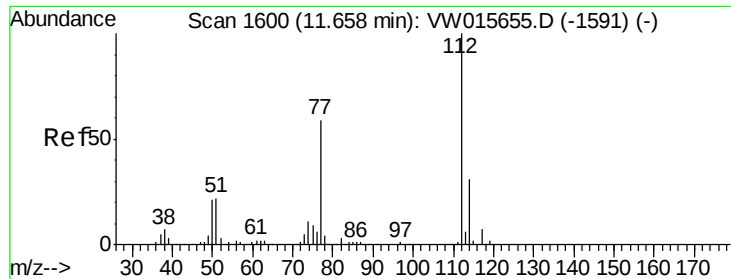
Tot Ion:117 Resp: 275712
Ion Ratio Lower Upper
117 100
82 55.3 45.1 67.7
119 31.0 25.8 38.8



#64
Tetrachloroethene
Concen: 51.498 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:164 Resp: 99749
Ion Ratio Lower Upper
164 100
166 124.2 99.9 149.9
129 101.5 74.2 111.2
131 93.3 71.4 107.0

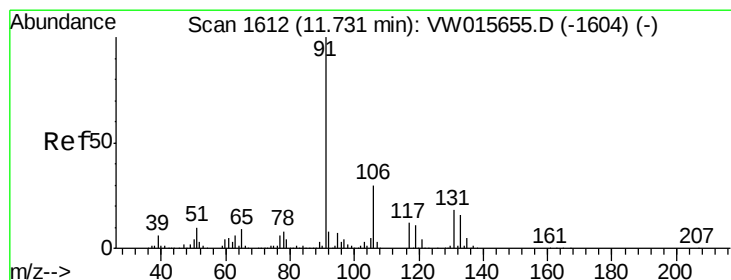
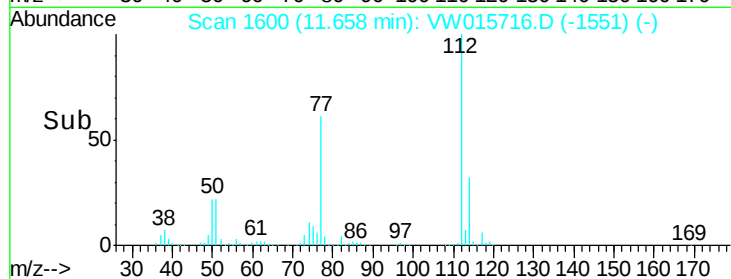
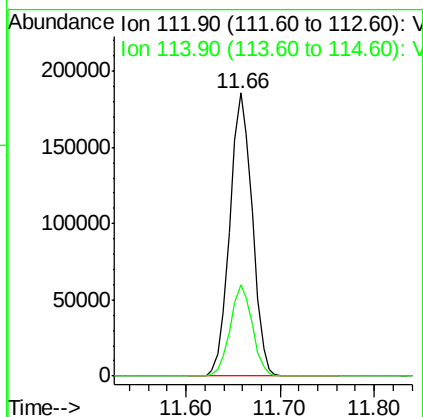
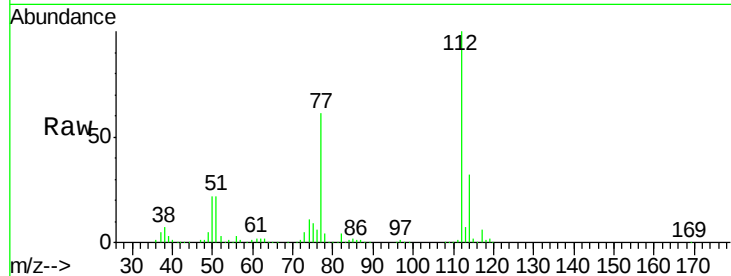




#65
Chlorobenzene
Concen: 52.699 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

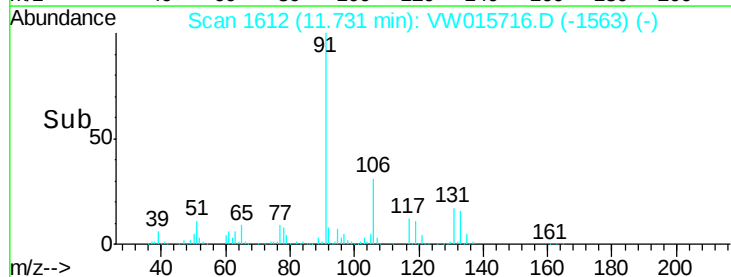
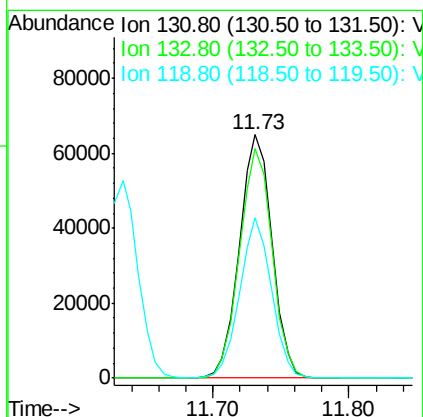
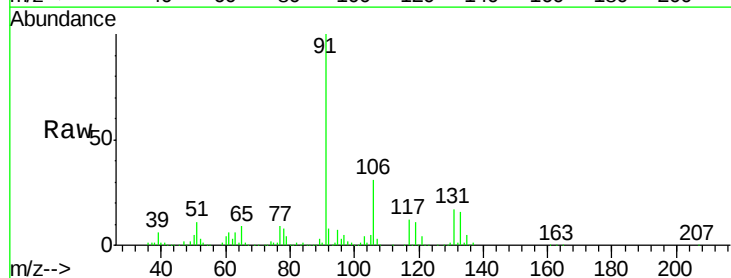
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

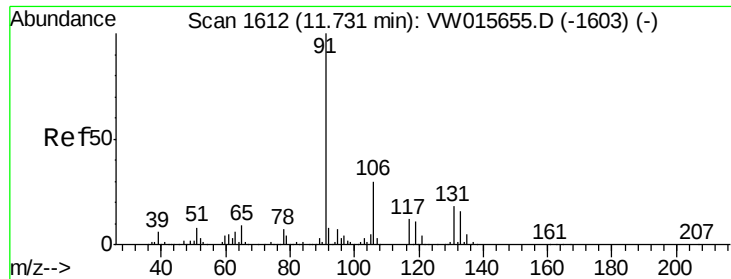
Tot Ion:112 Resp: 306348
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.419 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:131 Resp: 108880
Ion Ratio Lower Upper
131 100
133 94.2 46.5 139.5
119 64.1 32.5 97.5

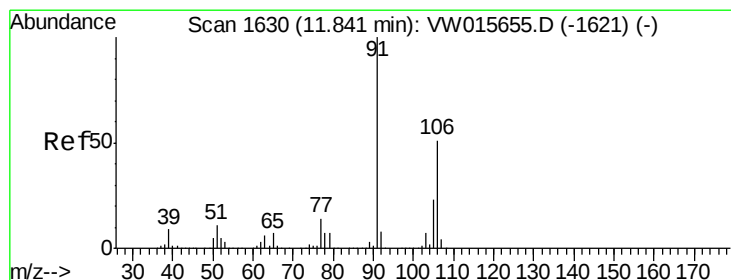
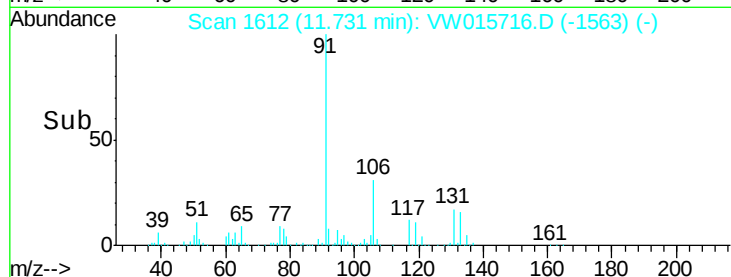
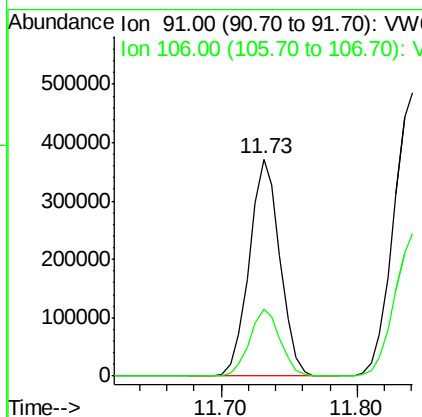
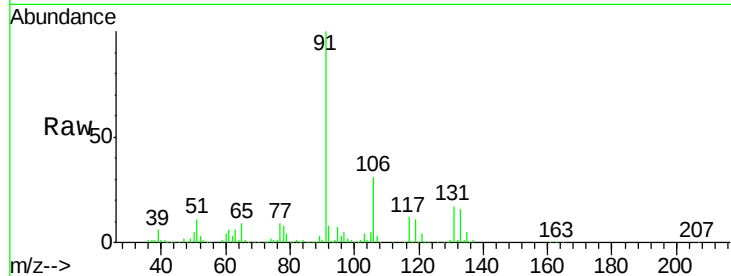




#67
Ethyl Benzene
Concen: 54.194 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

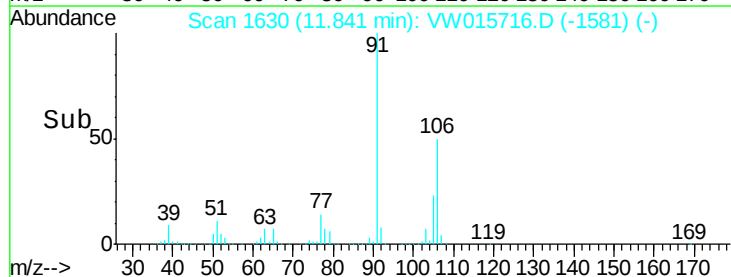
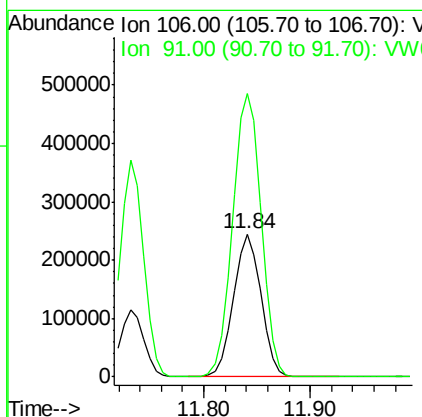
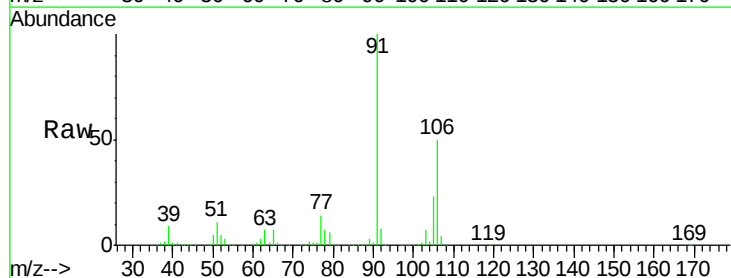
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

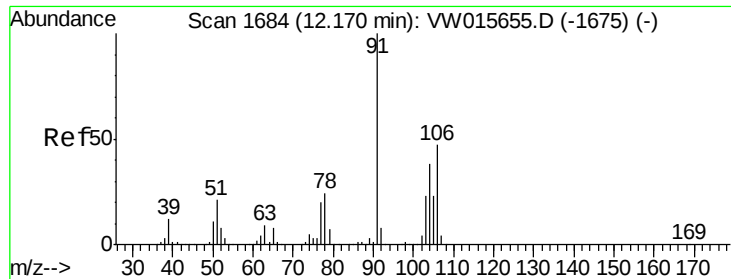
Tot Ion: 91 Resp: 586303
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 109.637 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 106 Resp: 445384
Ion Ratio Lower Upper
106 100
91 205.0 162.6 244.0

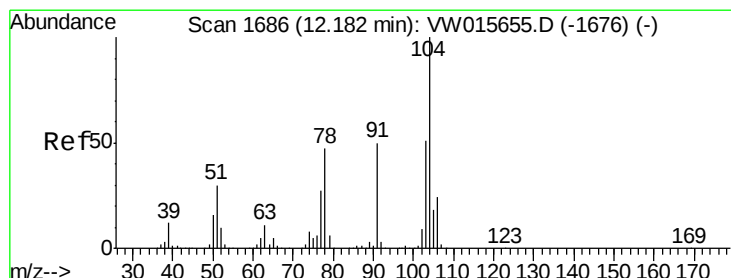
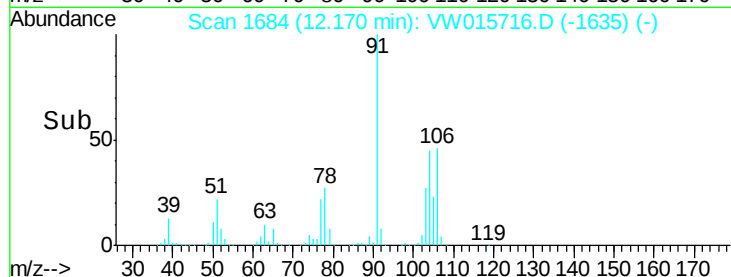
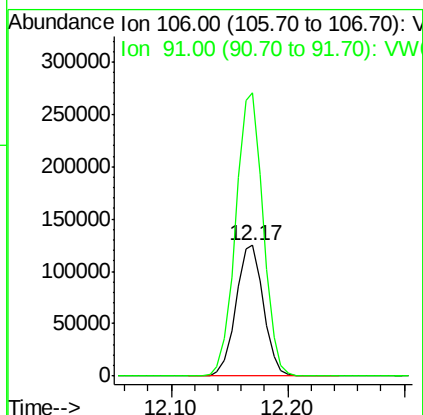
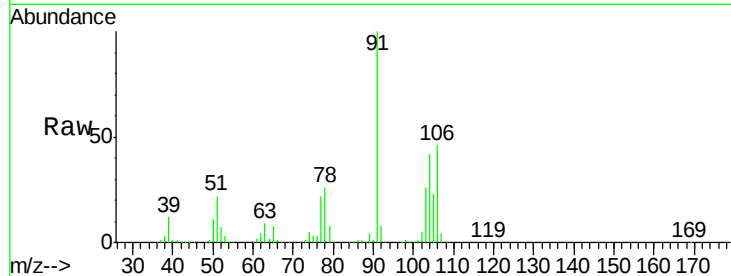




#69
o-Xylene
Concen: 54.958 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

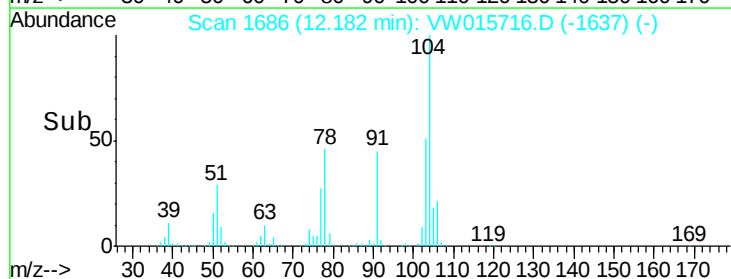
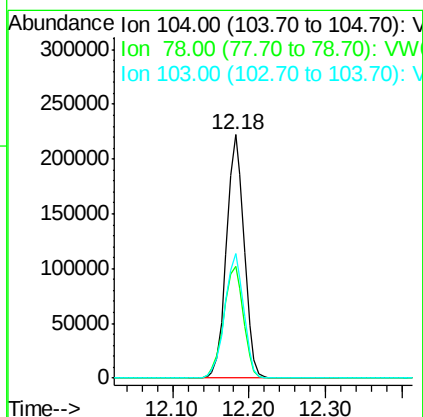
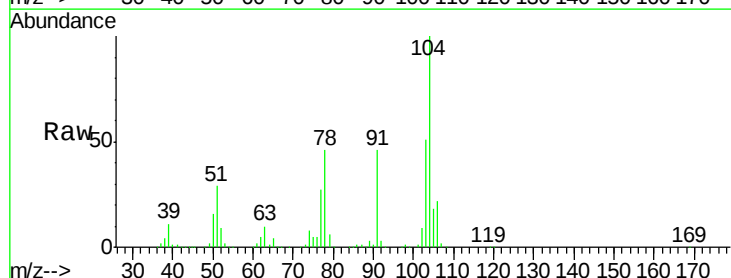
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

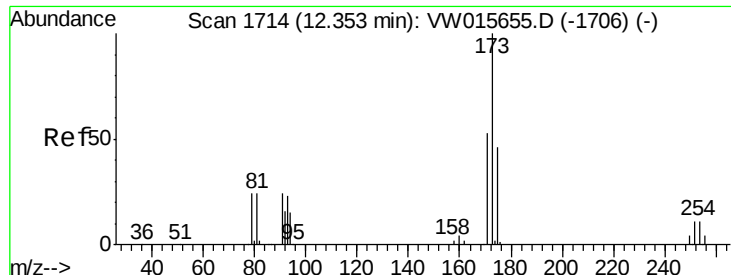
Tot Ion:106 Resp: 205275
Ion Ratio Lower Upper
106 100
91 216.0 108.3 324.9



#70
Styrene
Concen: 55.520 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:104 Resp: 354306
Ion Ratio Lower Upper
104 100
78 51.5 40.9 61.3
103 55.0 43.1 64.7





#71

Bromoform

Concen: 52.938 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

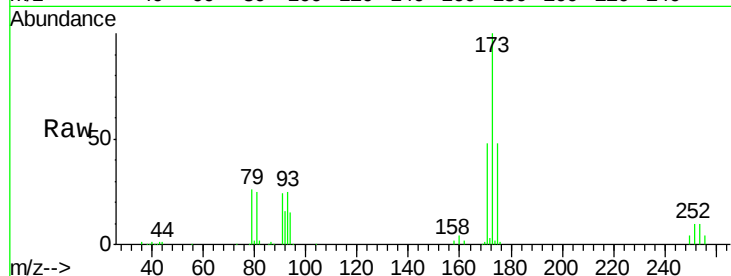
Tot Ion:173 Resp: 49645

Ion Ratio Lower Upper

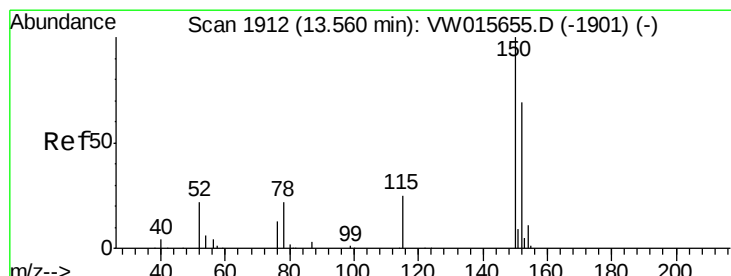
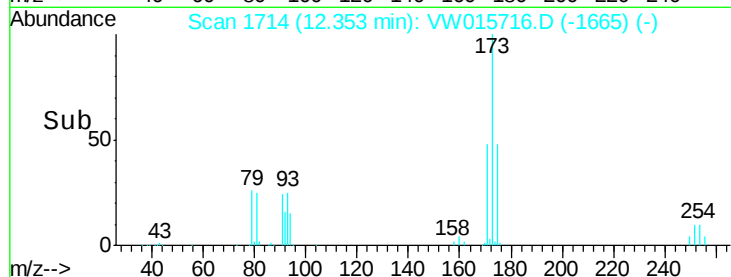
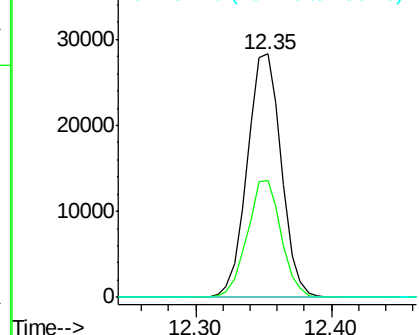
173 100

175 47.9 23.5 70.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

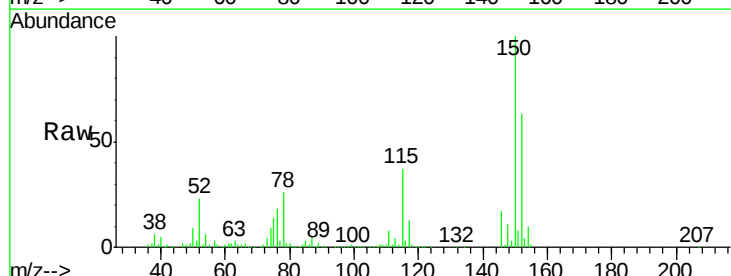
Tgt Ion:152 Resp: 141434

Ion Ratio Lower Upper

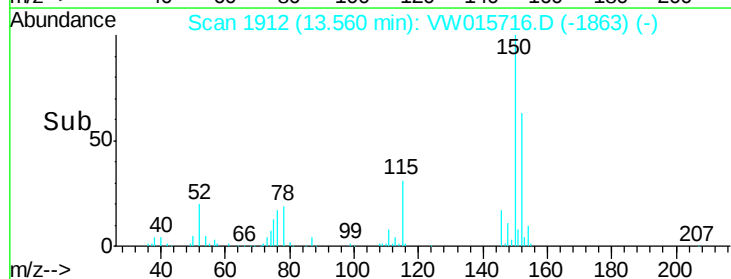
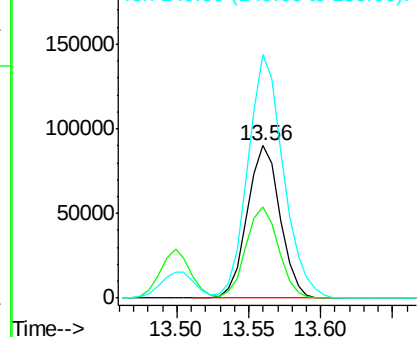
152 100

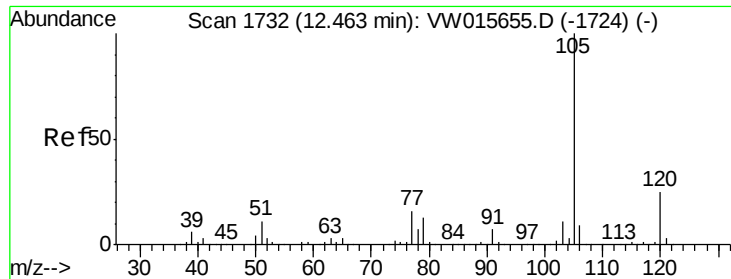
115 59.4 30.1 90.5

150 172.7 0.0 345.6



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





#73

Isopropylbenzene

Concen: 53.833 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

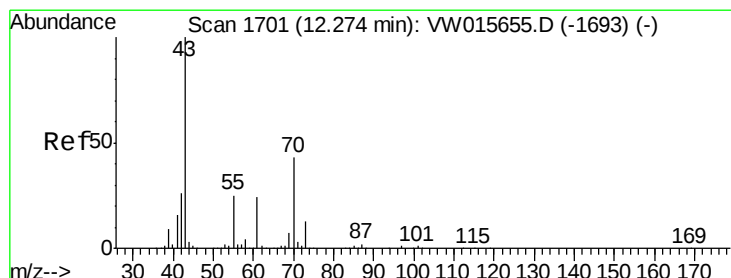
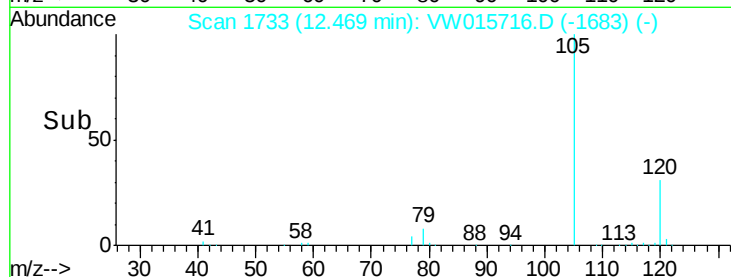
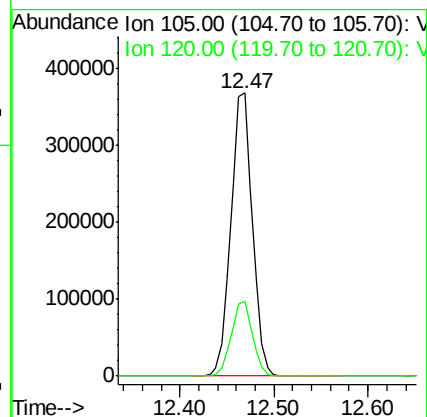
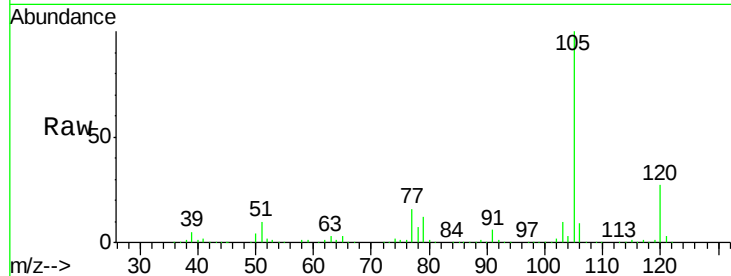
VSTDCCC050

Tot Ion:105 Resp: 580808

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 51.203 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Tgt Ion: 43 Resp: 117109

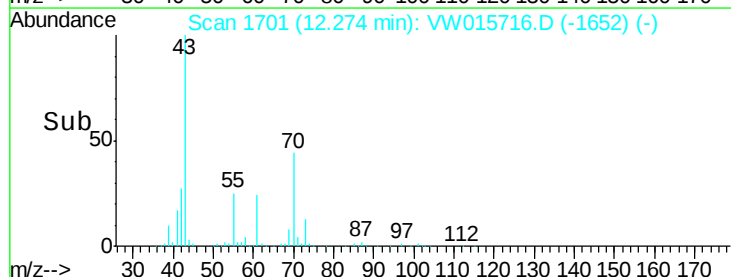
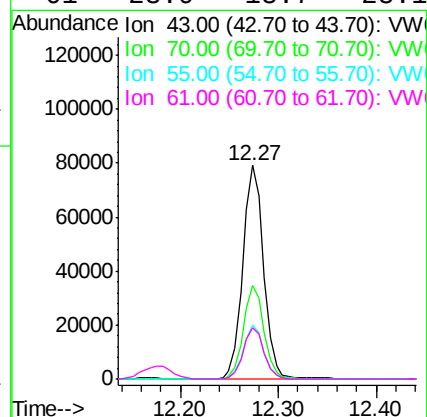
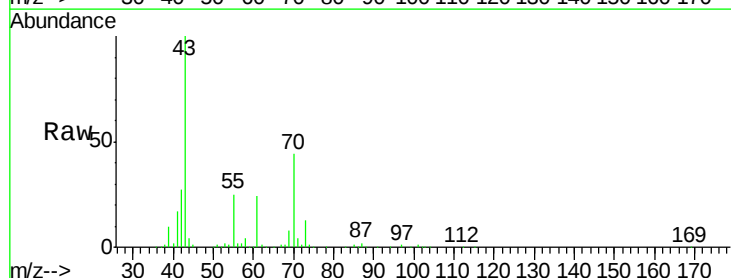
Ion Ratio Lower Upper

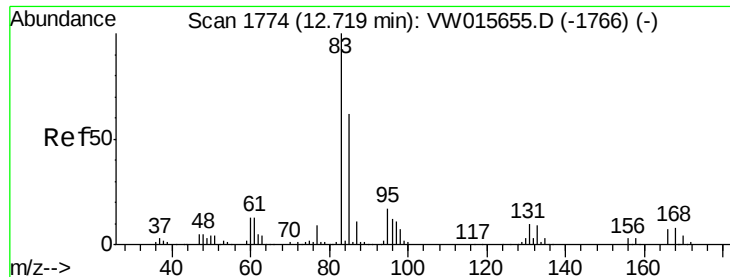
43 100

70 43.0 33.6 50.4

55 24.8 19.7 29.5

61 23.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.145 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

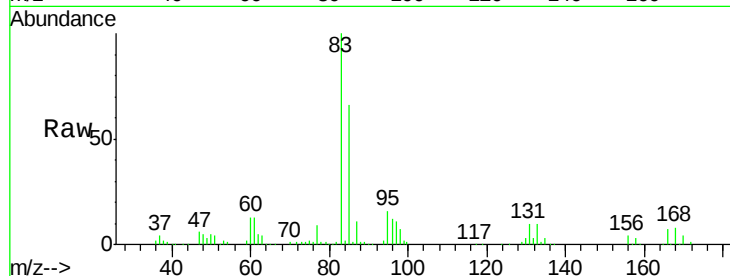
Tot Ion: 83 Resp: 88278

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

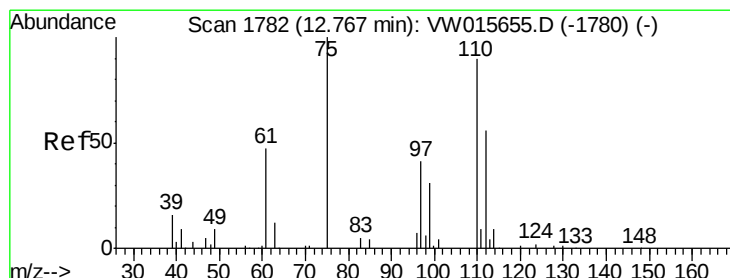
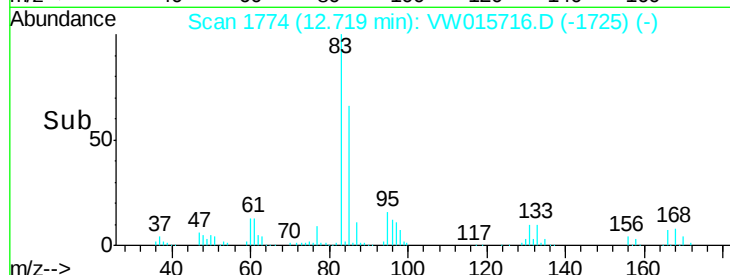
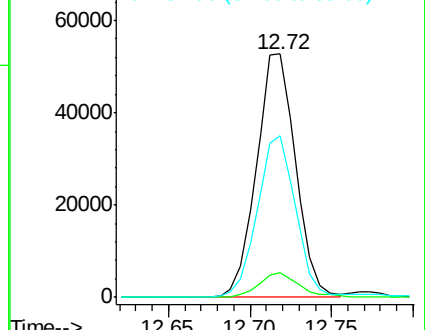
85 64.7 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.836 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015716.D

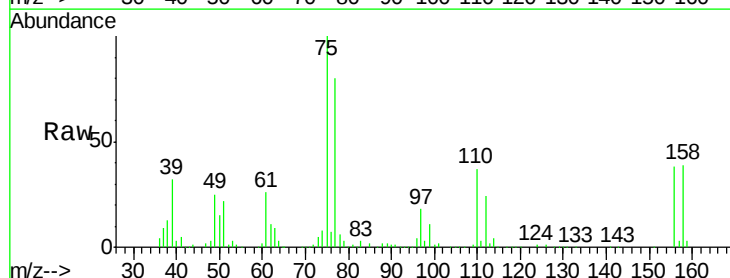
Acq: 25 Jun 2020 09:29

Tgt Ion: 75 Resp: 115897

Ion Ratio Lower Upper

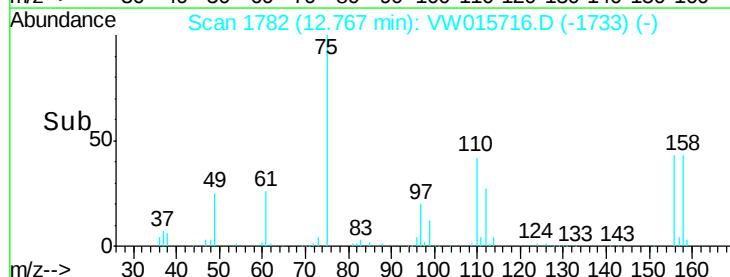
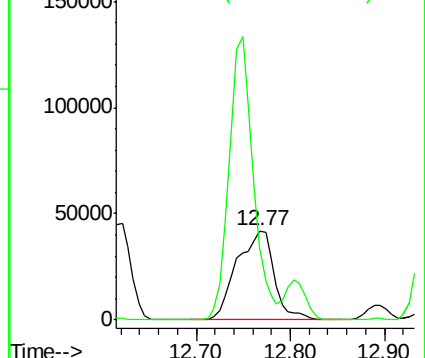
75 100

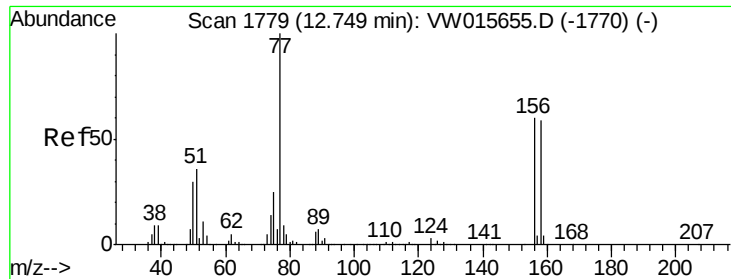
77 206.1 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.749 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

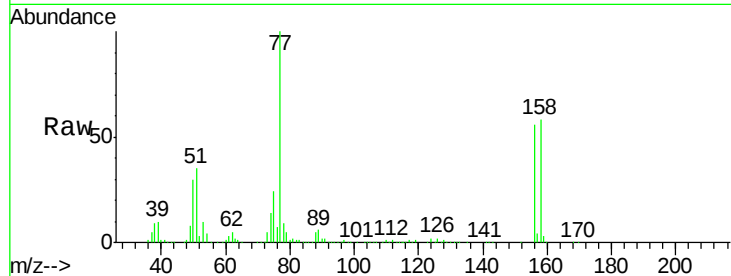
Tot Ion:156 Resp: 124496

Ion Ratio Lower Upper

156 100

77 191.9 94.5 283.5

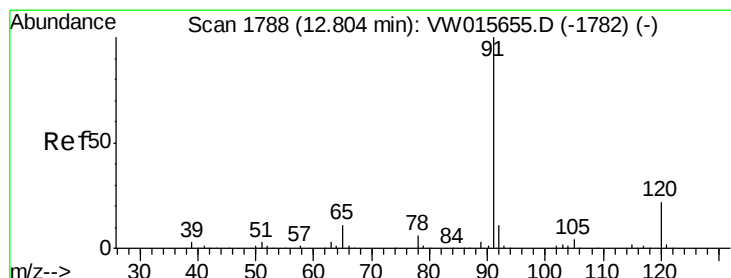
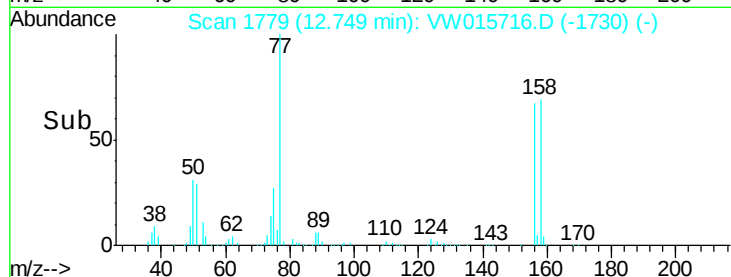
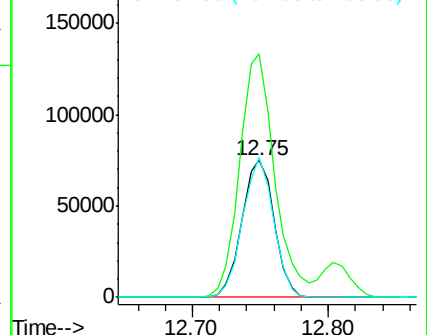
158 97.7 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.804 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015716.D

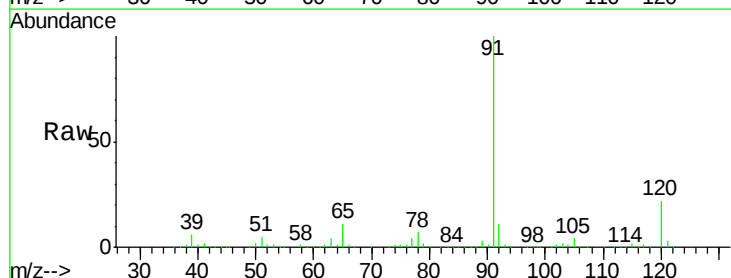
Acq: 25 Jun 2020 09:29

Tgt Ion: 91 Resp: 698735

Ion Ratio Lower Upper

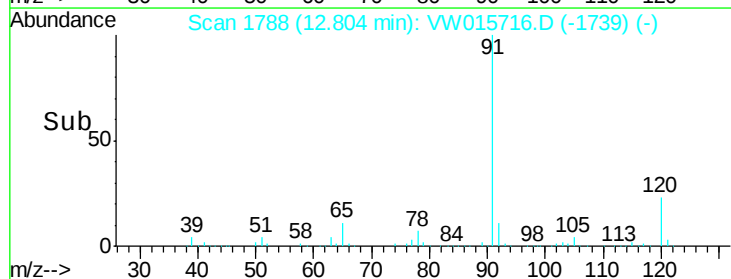
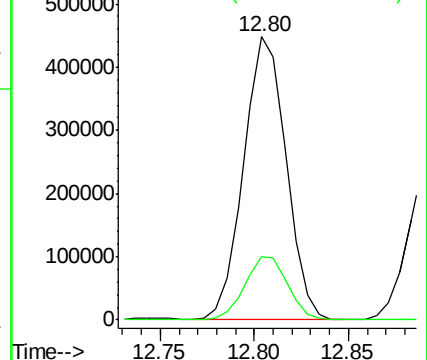
91 100

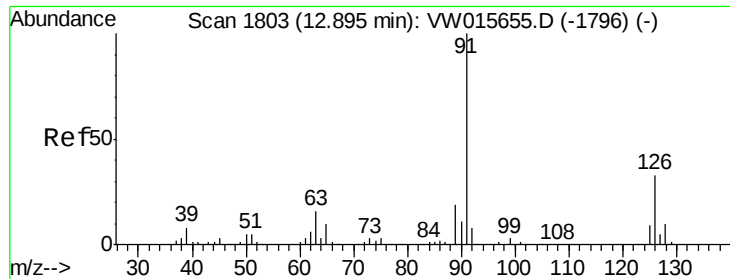
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.730 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

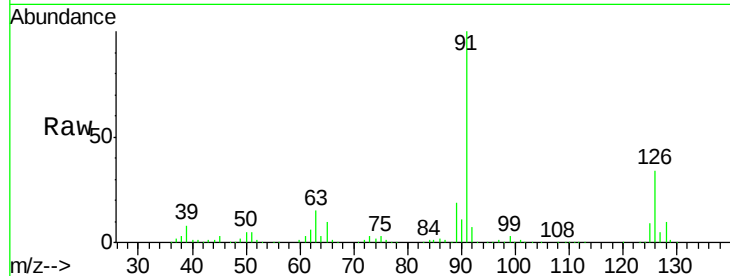
VSTDCCC050

Tot Ion: 91 Resp: 392885

Ion Ratio Lower Upper

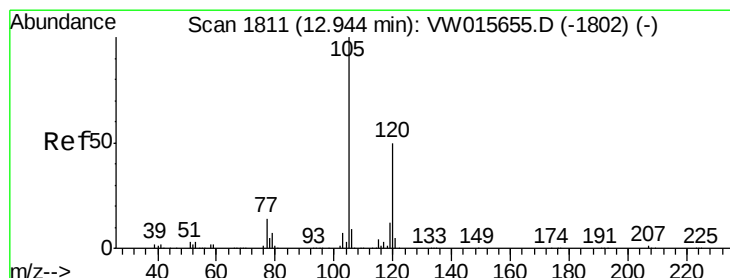
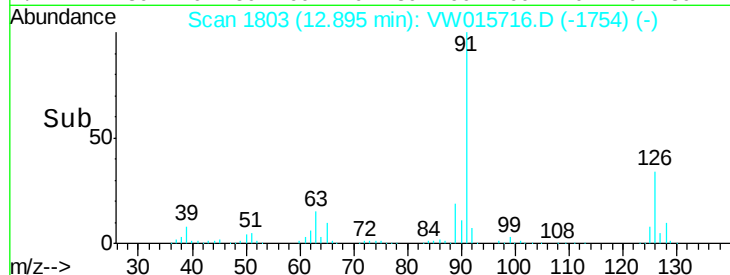
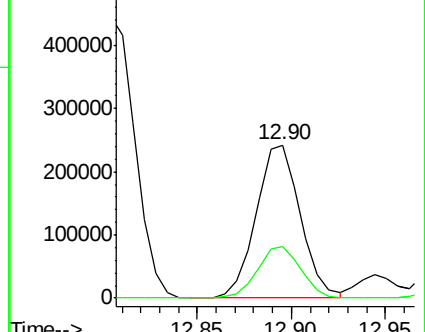
91 100

126 33.2 16.6 49.8



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: 55.177 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015716.D

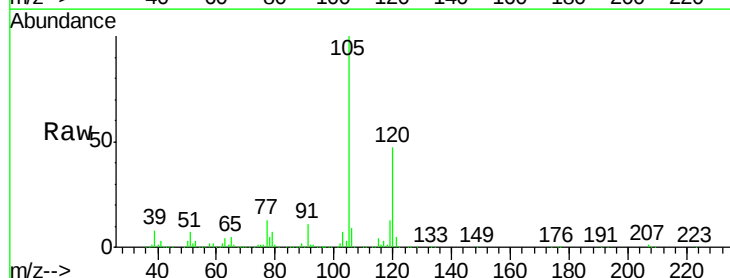
Acq: 25 Jun 2020 09:29

Tgt Ion: 105 Resp: 504431

Ion Ratio Lower Upper

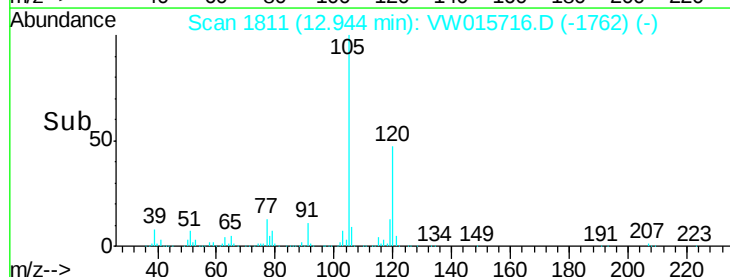
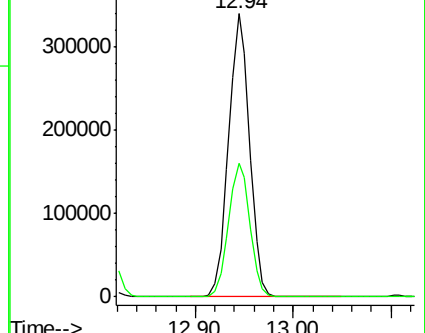
105 100

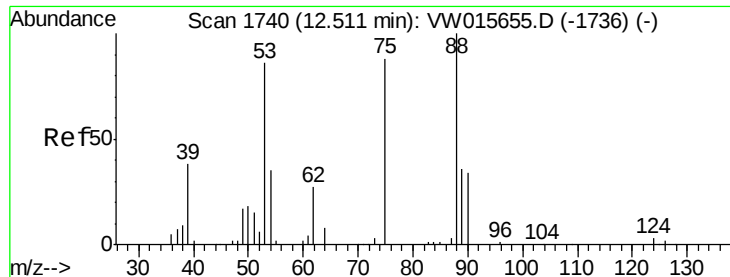
120 48.3 24.4 73.2



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: 51.382 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

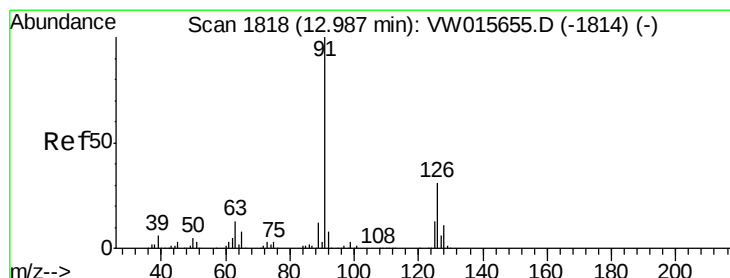
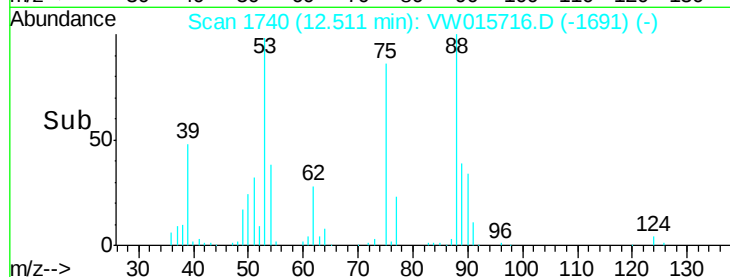
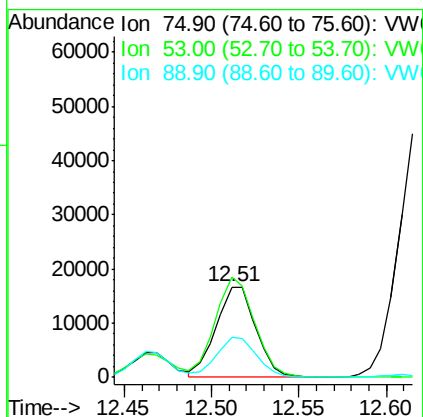
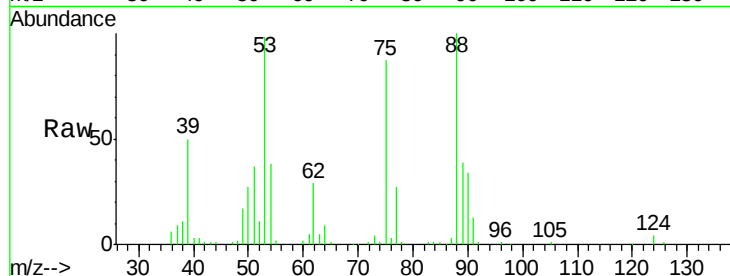
Tot Ion: 75 Resp: 26304

Ion Ratio Lower Upper

75 100

53 110.8 83.8 125.8

89 45.1 36.6 55.0



#82

4-Chlorotoluene

Concen: 53.450 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015716.D

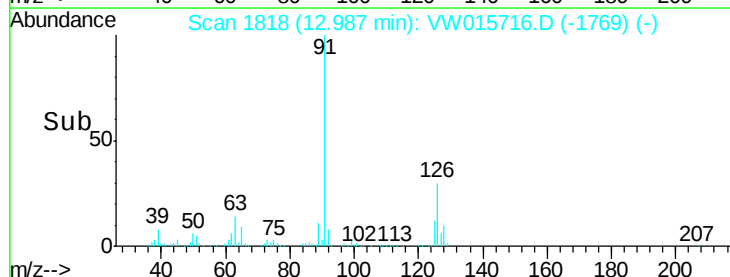
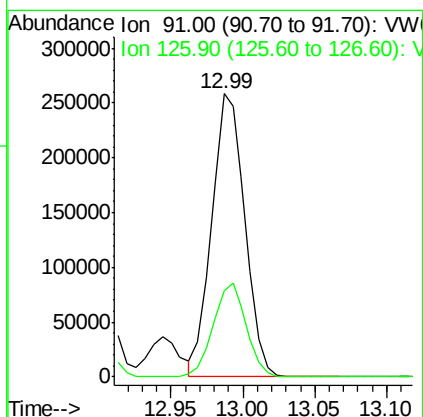
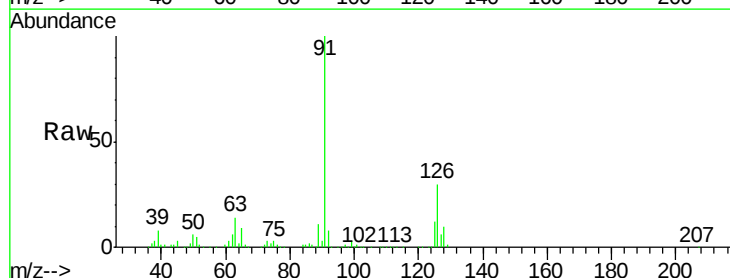
Acq: 25 Jun 2020 09:29

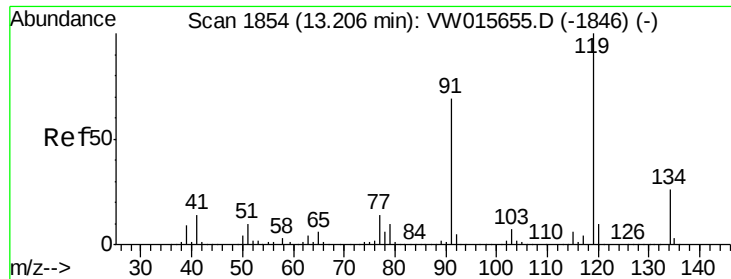
Tgt Ion: 91 Resp: 413484

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9

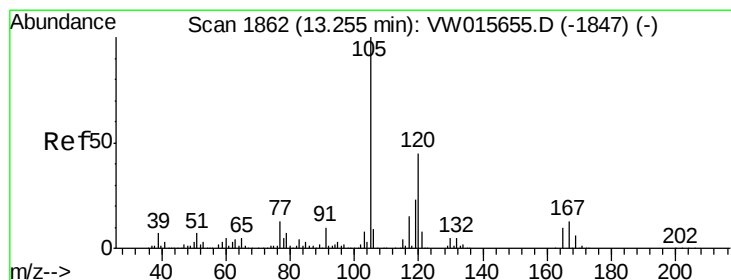
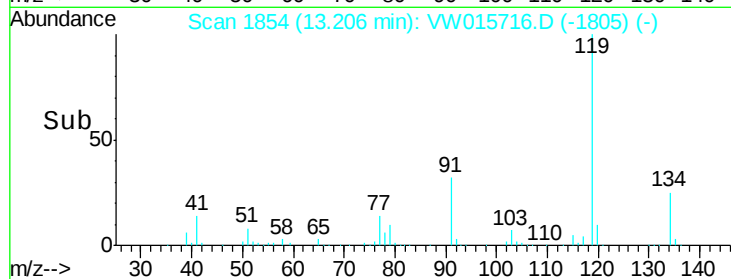
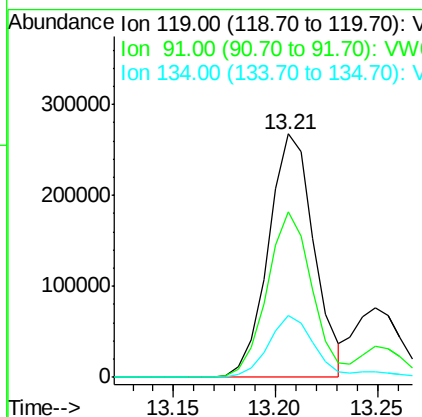
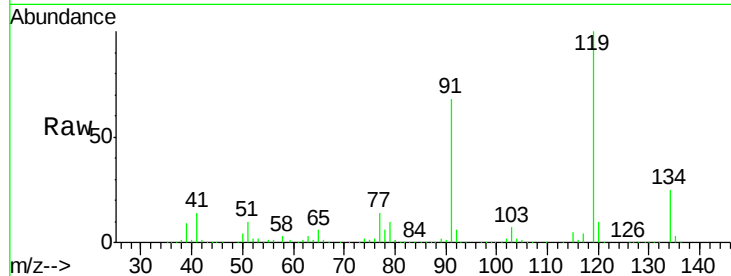




#83
tert-Butylbenzene
Concen: 54.162 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

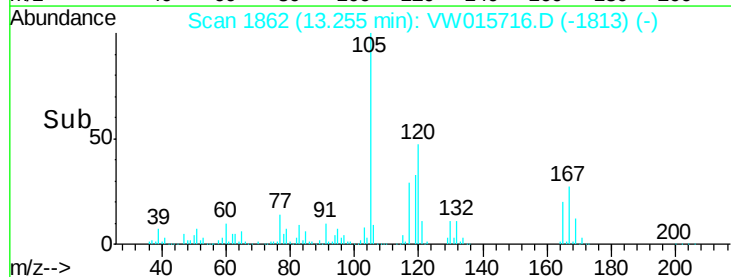
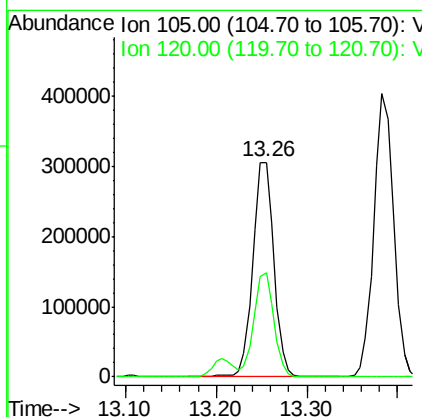
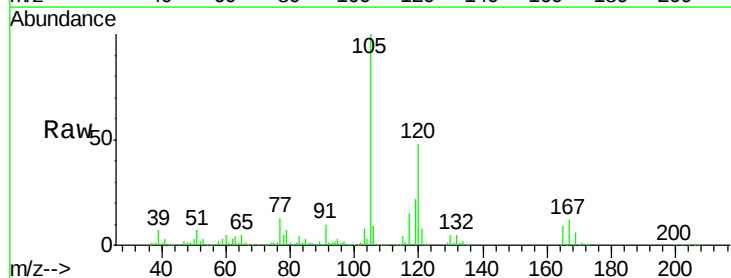
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

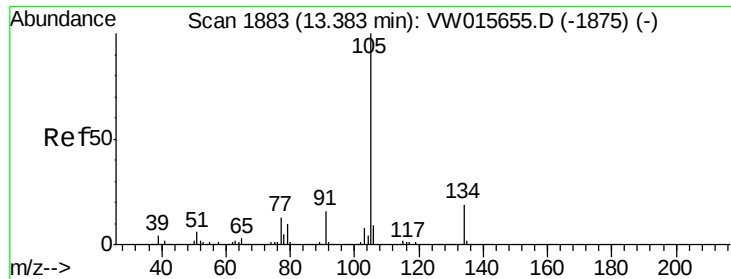
Tot Ion:119 Resp: 418371
Ion Ratio Lower Upper
119 100
91 67.6 34.7 104.1
134 25.1 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 53.860 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:105 Resp: 491040
Ion Ratio Lower Upper
105 100
120 46.1 22.8 68.3

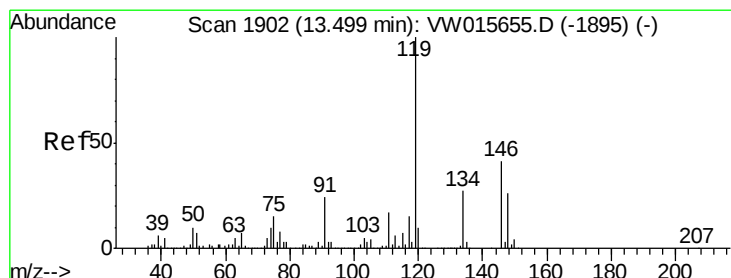
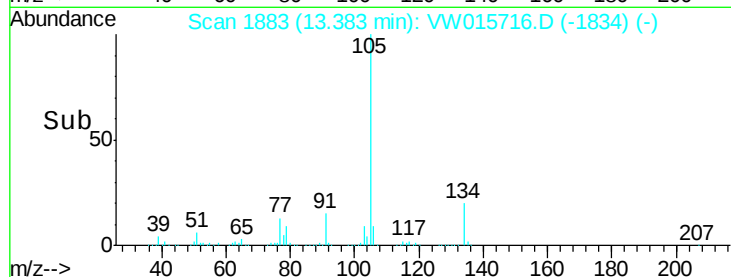
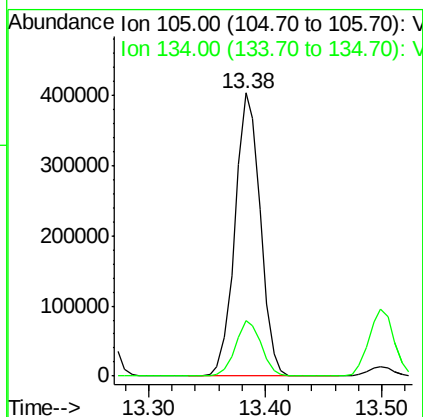
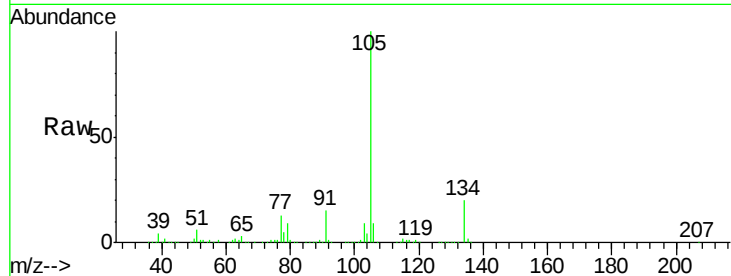




#85
 sec-Butylbenzene
 Concen: 55.356 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

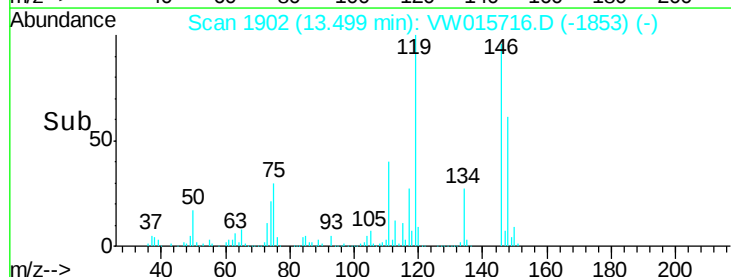
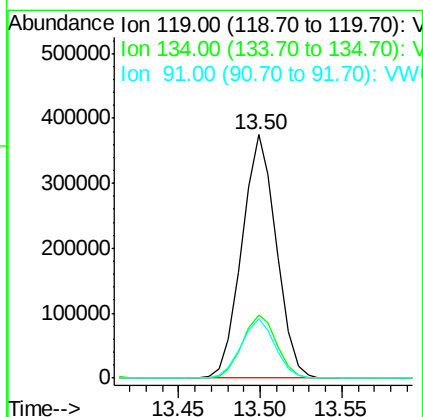
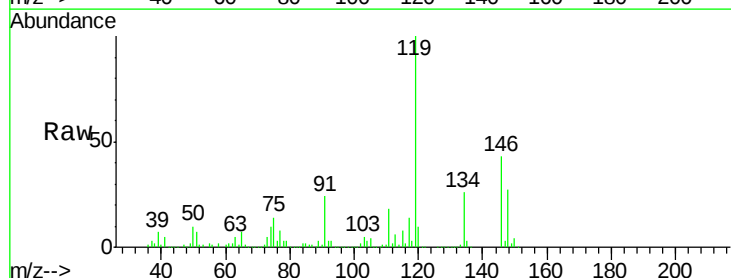
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

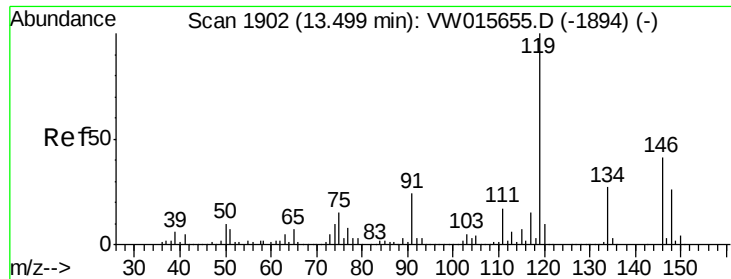
Tot Ion:105 Resp: 611100
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 54.739 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion:119 Resp: 549037
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 24.1 12.3 36.8

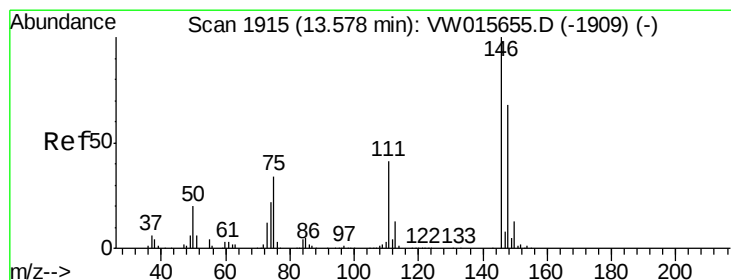
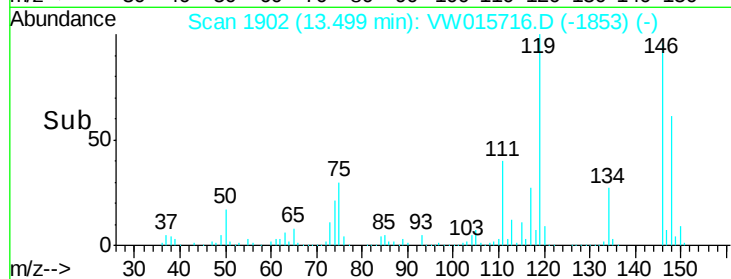
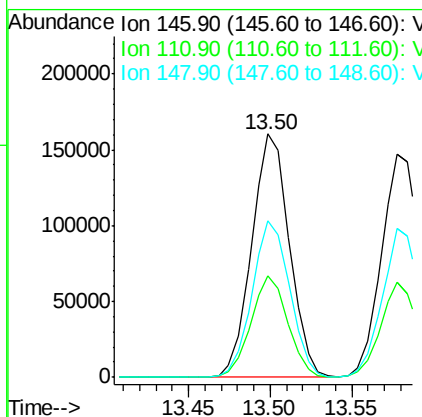
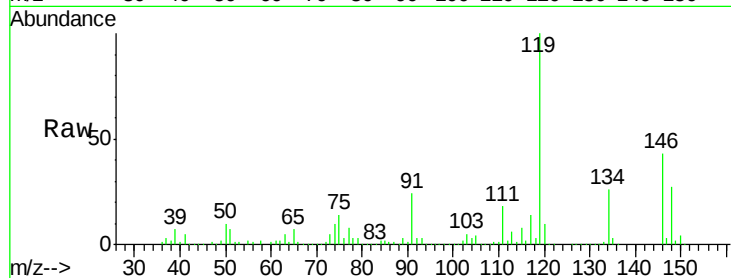




#87
 1,3-Dichlorobenzene
 Concen: 53.821 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

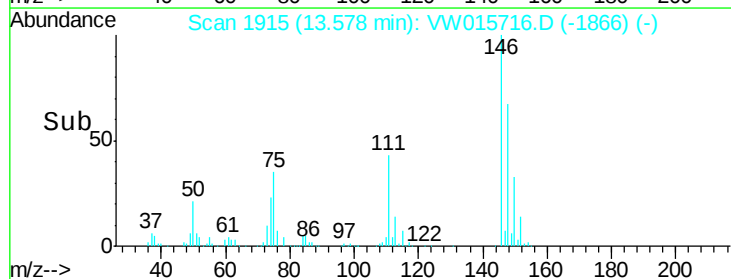
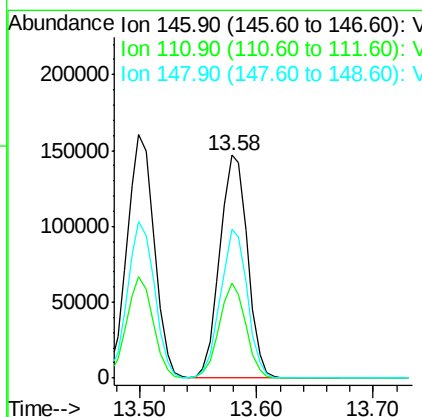
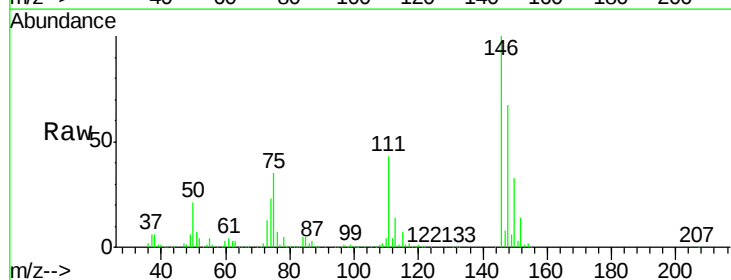
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

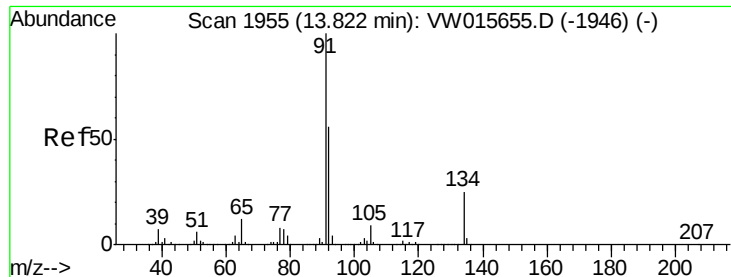
Tot Ion:146 Resp: 257035
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.8
 148 64.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 51.219 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion:146 Resp: 242266
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.9
 148 64.4 33.7 101.1

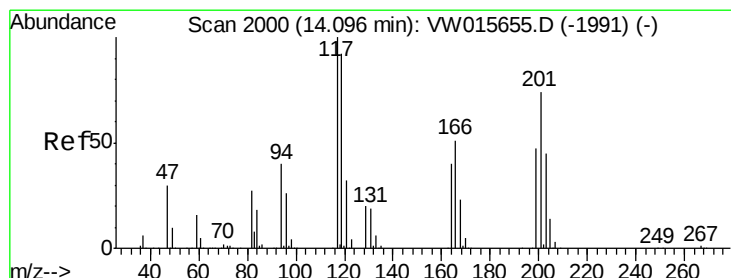
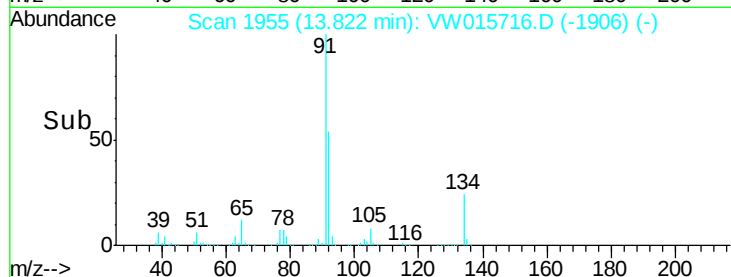
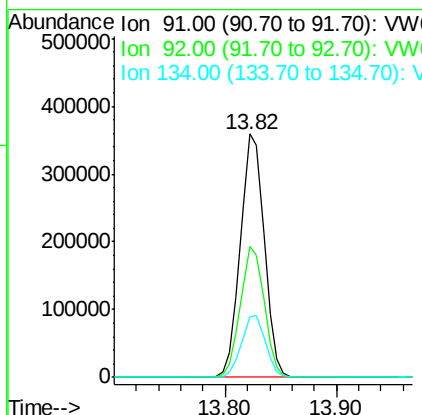
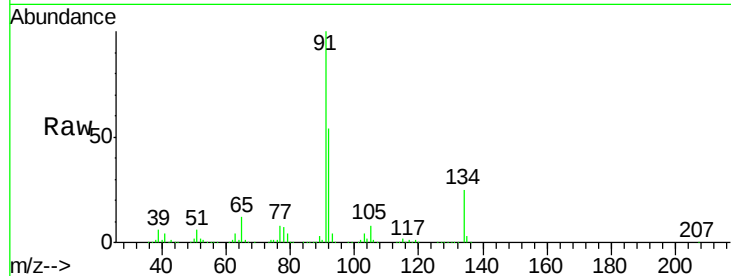




#89
n-Butylbenzene
Concen: 55.687 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

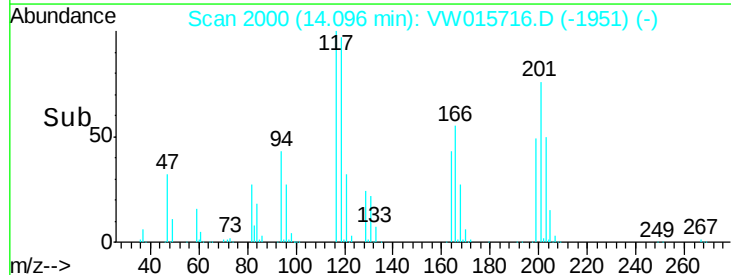
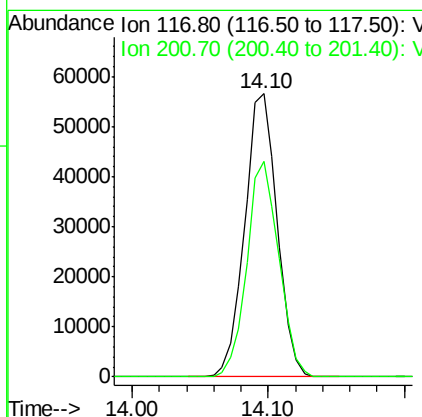
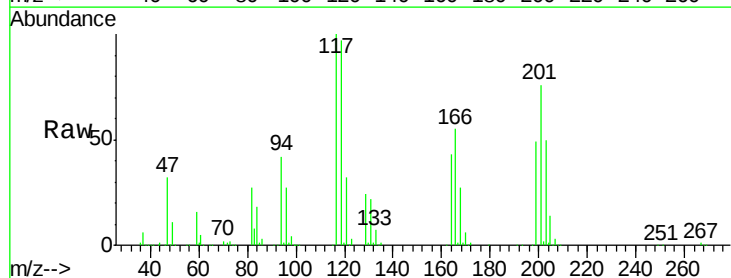
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

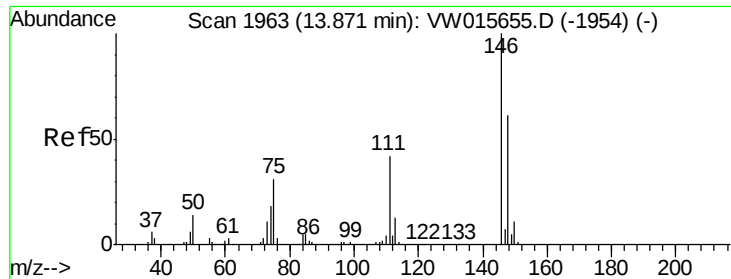
Tot Ion: 91 Resp: 536181
Ion Ratio Lower Upper
91 100
92 53.7 27.5 82.4
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 52.973 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion: 117 Resp: 94555
Ion Ratio Lower Upper
117 100
201 75.0 37.1 111.5

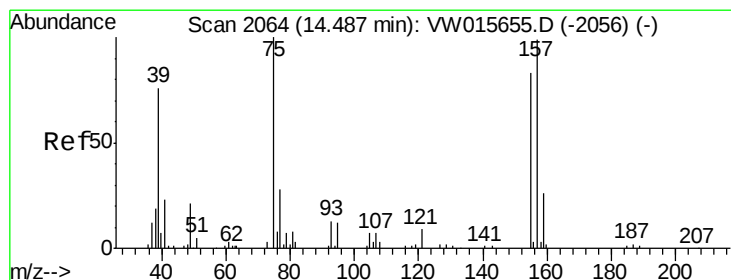
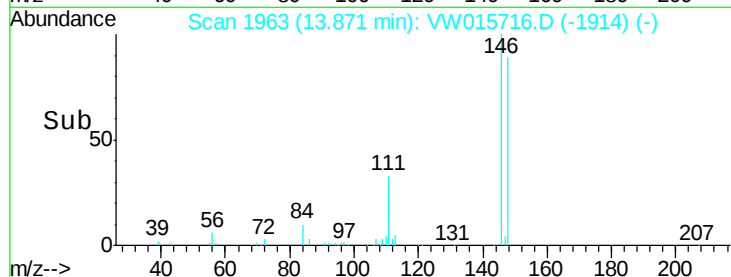
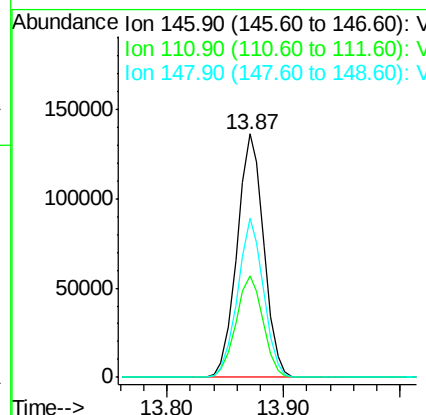
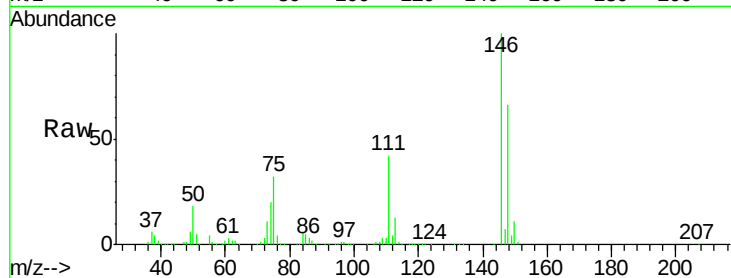




#91
 1,2-Dichlorobenzene
 Concen: 52.551 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

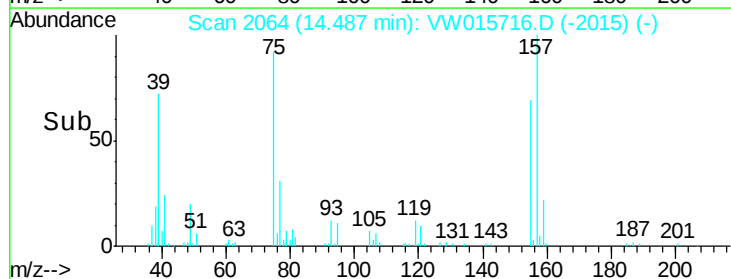
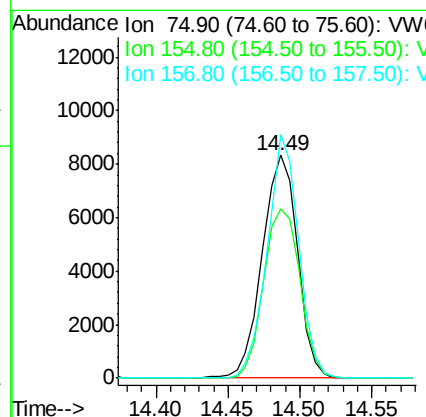
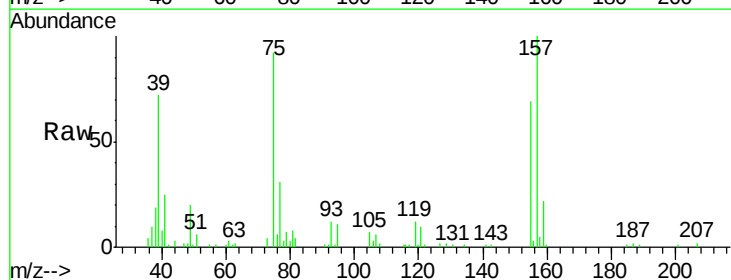
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

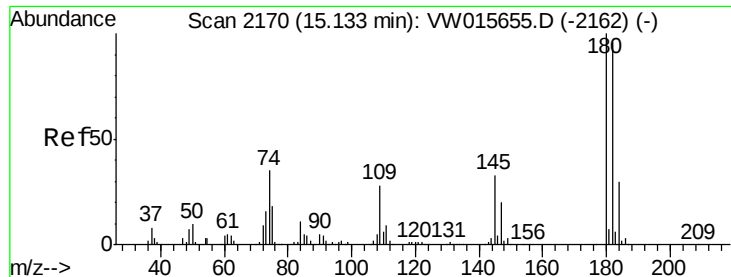
Tot Ion:146 Resp: 216999
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.7
 148 63.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.124 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015716.D
 Acq: 25 Jun 2020 09:29

Tgt Ion: 75 Resp: 14130
 Ion Ratio Lower Upper
 75 100
 155 78.4 40.8 122.2
 157 97.5 50.7 152.1





#93

1,2,4-Trichlorobenzene

Concen: 54.444 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

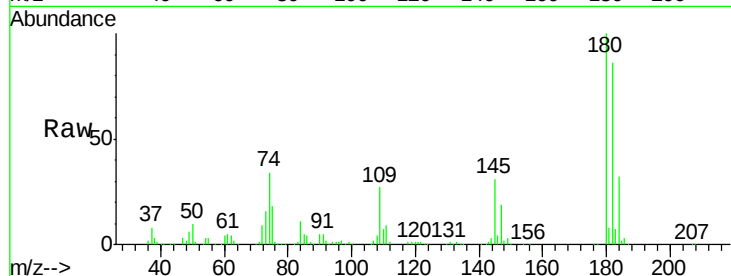
Tot Ion:180 Resp: 148460

Ion Ratio Lower Upper

180 100

182 91.1 47.9 143.6

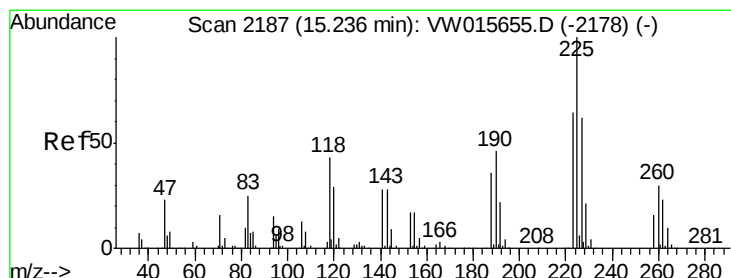
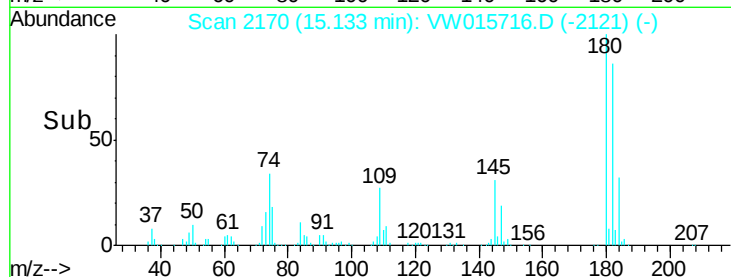
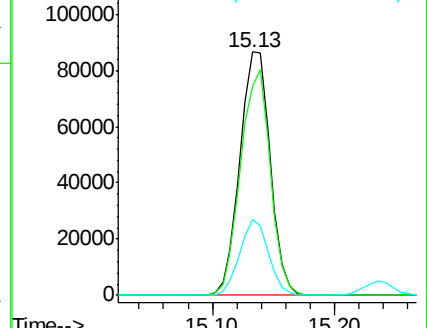
145 29.5 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 52.472 ug/l

RT: 15.24 min Scan# 2187

Delta R.T. -0.00 min

Lab File: VW015716.D

Acq: 25 Jun 2020 09:29

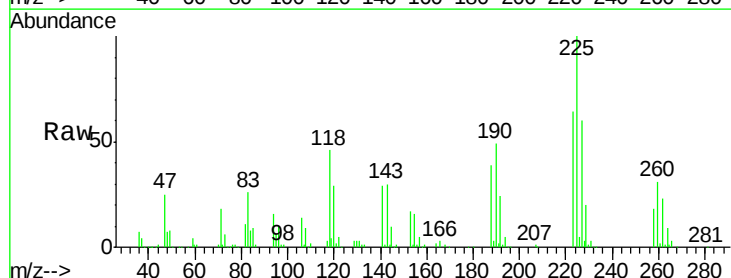
Tgt Ion:225 Resp: 91153

Ion Ratio Lower Upper

225 100

223 62.8 31.0 93.0

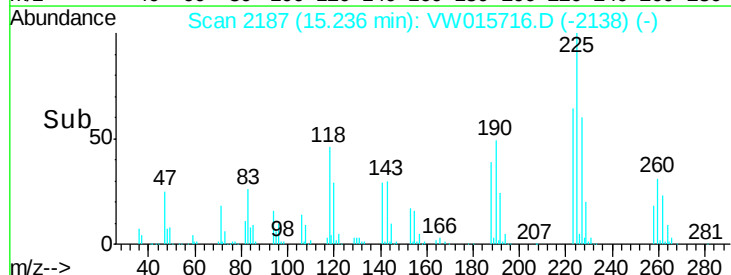
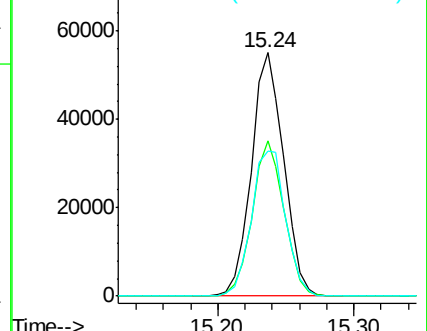
227 63.8 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

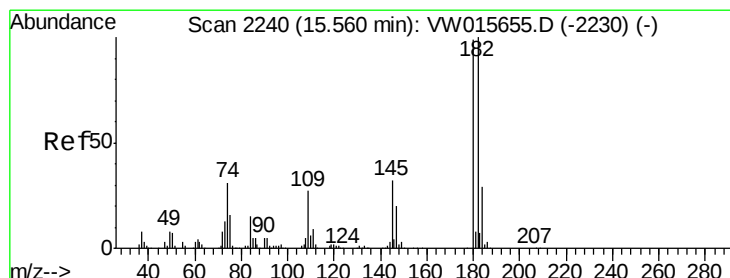
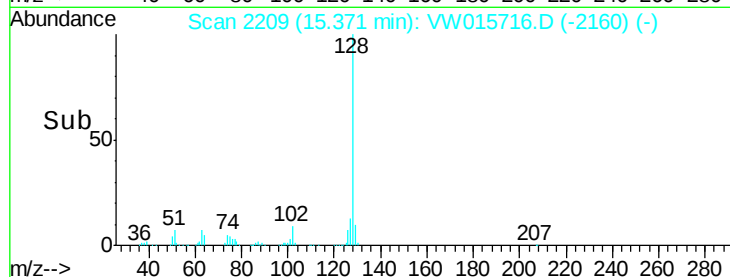
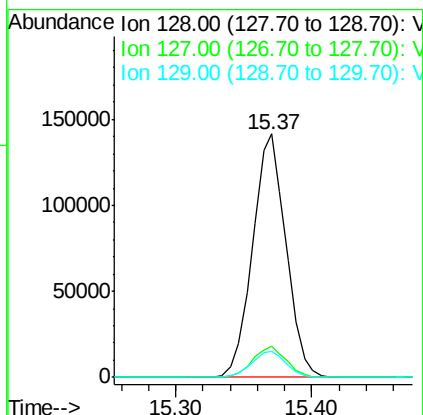
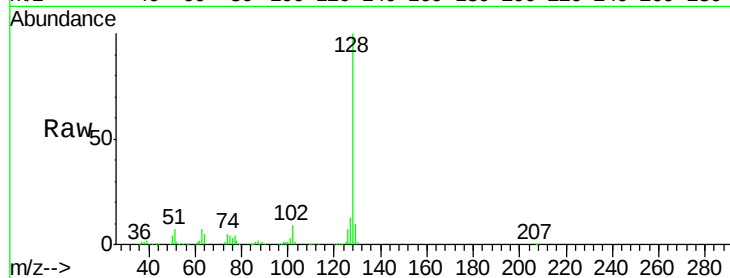




#95
Naphthalene
Concen: 53.900 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 243092
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.849 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015716.D
Acq: 25 Jun 2020 09:29

Tgt Ion:180 Resp: 121728
Ion Ratio Lower Upper
180 100
182 97.5 49.0 147.0
145 32.7 16.4 49.2

