

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011320\
 Data File : VW014613.D
 Acq On : 13 Jan 2020 10:02
 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: Jan 14 12:14:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	823836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1208473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1026609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	502856	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	324243	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	333086	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.32	98	1383093	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.62	95	461209	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	209467	45.032	ug/l	98
3) Chloromethane	2.21	50	251743	44.215	ug/l	100
4) Vinyl Chloride	2.36	62	412107	49.211	ug/l	98
5) Bromomethane	2.78	94	252316	48.773	ug/l	100
6) Chloroethane	2.92	64	236497	49.542	ug/l	98
7) Trichlorofluoromethane	3.25	101	214164	51.114	ug/l	93
8) Diethyl Ether	3.68	74	188536	45.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	390308	49.855	ug/l	99
10) Methyl Iodide	4.27	142	567911	48.078	ug/l	99
11) Tert butyl alcohol	5.16	59	112402	197.583	ug/l	97
12) 1,1-Dichloroethene	4.04	96	400278	48.824	ug/l	99
13) Acrolein	3.88	56	147645	234.851	ug/l	99
14) Allyl chloride	4.66	41	616782	49.231	ug/l	99
15) Acrylonitrile	5.36	53	417121	218.894	ug/l	99
16) Acetone	4.11	43	480316	236.159	ug/l	100
17) Carbon Disulfide	4.38	76	1165650	47.173	ug/l	98
18) Methyl Acetate	4.67	43	204977	41.729	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	494938	48.633	ug/l	98
20) Methylene Chloride	4.91	84	404721	49.118	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	418595	48.085	ug/l	96
22) Diisopropyl ether	6.31	45	1148120	48.960	ug/l	97
23) Vinyl Acetate	6.24	43	3282980	231.841	ug/l	100
24) 1,1-Dichloroethane	6.21	63	719227	48.623	ug/l	99
25) 2-Butanone	7.16	43	566866	217.181	ug/l	98
26) 2,2-Dichloropropane	7.16	77	398132	48.615	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	445194	48.670	ug/l	99
28) Bromochloromethane	7.51	49	282331	48.684	ug/l	99
29) Tetrahydrofuran	7.52	42	331835	205.219	ug/l	99
30) Chloroform	7.67	83	669654	48.412	ug/l	100
31) Cyclohexane	7.95	56	715202	46.525	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	549831	49.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	578185	49.629	ug/l	99
37) Ethyl Acetate	7.24	43	232086	43.924	ug/l	99
38) Carbon Tetrachloride	8.07	117	511296	50.587	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	743023	49.698	ug/l	97
40) Benzene	8.32	78	1622920	49.235	ug/l	99
41) Methacrylonitrile	7.48	41	145506	49.402	ug/l	91
42) 1,2-Dichloroethane	8.40	62	404588	47.298	ug/l	100
43) Isopropyl Acetate	8.42	43	424955	44.290	ug/l	98
44) Trichloroethene	9.09	130	443012	49.668	ug/l	95
45) 1,2-Dichloropropane	9.37	63	398265	49.237	ug/l	96
46) Dibromomethane	9.46	93	186071	46.598	ug/l	99
47) Bromodichloromethane	9.64	83	491050	49.810	ug/l	100
48) Methyl methacrylate	9.43	41	206325	44.044	ug/l	98
49) 1,4-Dioxane	9.44	88	65706	879.767	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1087695	218.301	ug/l	99
52) Toluene	10.38	92	1022013	49.284	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	496537	48.645	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	613044	49.141	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	276263	47.371	ug/l	98
56) Ethyl methacrylate	10.64	69	355970	46.967	ug/l	100
57) 1,3-Dichloropropane	10.93	76	477769	46.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	625227	271.241	ug/l	100
59) 2-Hexanone	10.96	43	803203	233.937	ug/l	99
60) Dibromochloromethane	11.13	129	317694	48.281	ug/l	98
61) 1,2-Dibromoethane	11.23	107	254943	46.053	ug/l	100
64) Tetrachloroethene	10.86	164	368739	49.613	ug/l	98
65) Chlorobenzene	11.65	112	1044175	49.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.72	131	360781	50.948	ug/l	99
67) Ethyl Benzene	11.73	91	1932227	50.978	ug/l	99
68) m/p-Xylenes	11.83	106	1477450	101.848	ug/l	99
69) o-Xylene	12.16	106	683268	50.991	ug/l	100
70) Styrene	12.18	104	1165109	51.407	ug/l	99
71) Bromoform	12.35	173	182618	47.279	ug/l #	99
73) Isopropylbenzene	12.46	105	1907443	51.696	ug/l	100
74) N-amyl acetate	12.27	43	378285	45.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	300073	45.058	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	384943	80.965	ug/l #	100
77) Bromobenzene	12.74	156	425231	49.621	ug/l	99
78) n-propylbenzene	12.80	91	2246344	51.774	ug/l	100
79) 2-Chlorotoluene	12.89	91	1240856	50.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1587599	51.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	100822	47.248	ug/l	98
82) 4-Chlorotoluene	12.99	91	1298451	50.618	ug/l	100
83) tert-Butylbenzene	13.21	119	1405195	51.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1573696	51.045	ug/l	100
85) sec-Butylbenzene	13.38	105	1943289	51.760	ug/l	100
86) p-Isopropyltoluene	13.49	119	1799974	52.598	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	832407	49.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	814652	49.518	ug/l	99
89) n-Butylbenzene	13.82	91	1678095	52.805	ug/l	100
90) Hexachloroethane	14.09	117	314091	52.539	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	728201	49.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	46645	44.229	ug/l	99

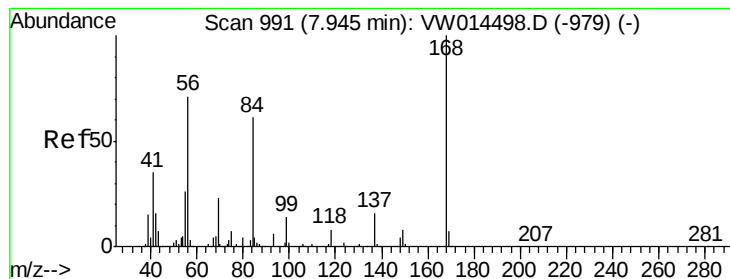
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QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	511136	51.678	ug/l	99
94) Hexachlorobutadiene	15.24	225	338492	51.068	ug/l	98
95) Naphthalene	15.36	128	817196	48.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	429569	49.826	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

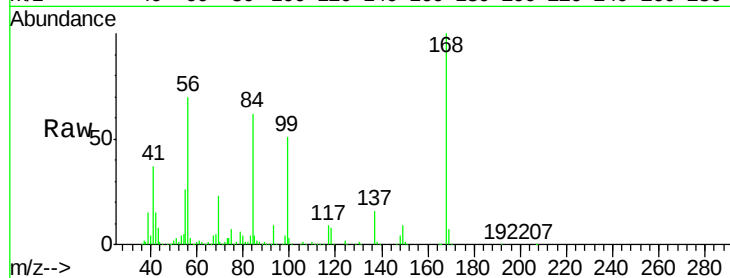
VSTDCCC050

Tgt Ion:168 Resp: 823836

Ion Ratio Lower Upper

168 100

99 51.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

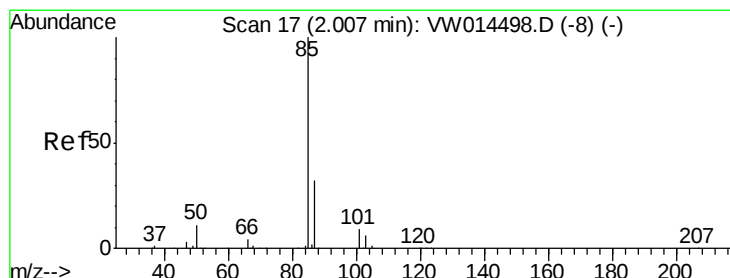
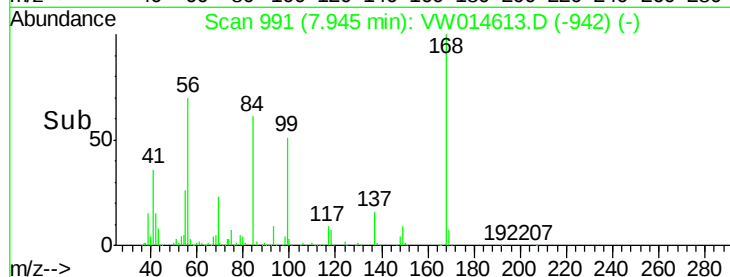
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 45.032 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014613.D

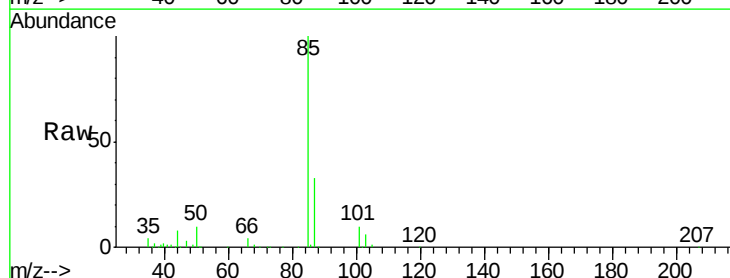
Acq: 13 Jan 2020 10:02

Tgt Ion: 85 Resp: 209467

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

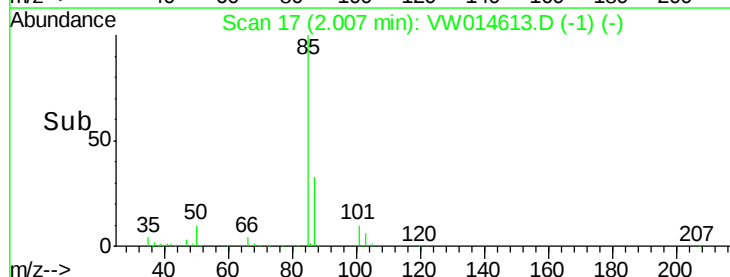
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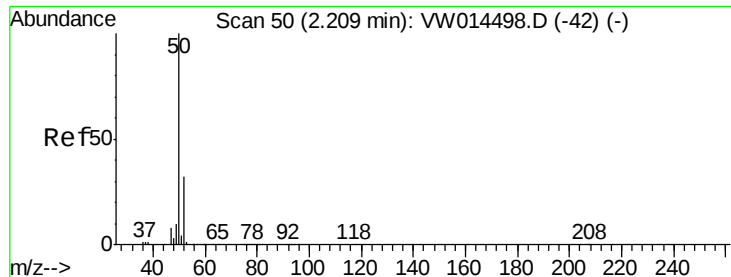
40000

20000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 44.215 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

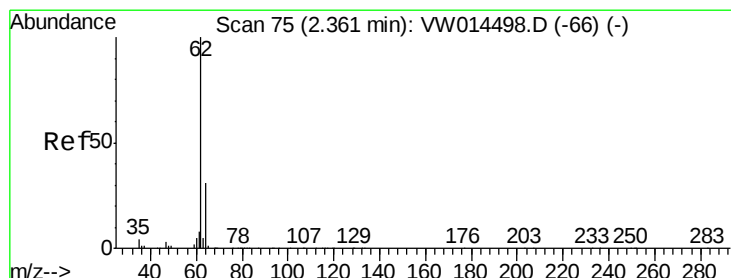
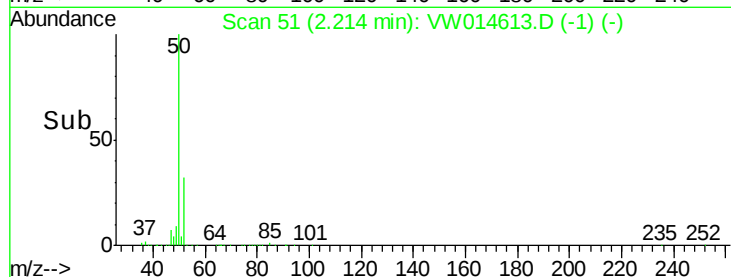
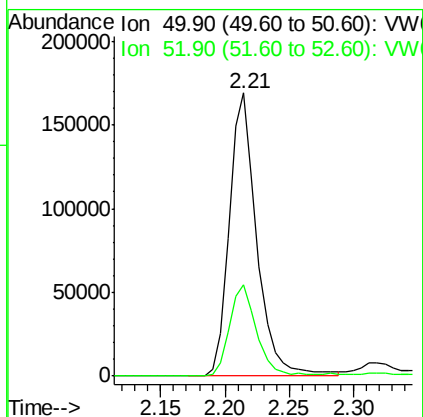
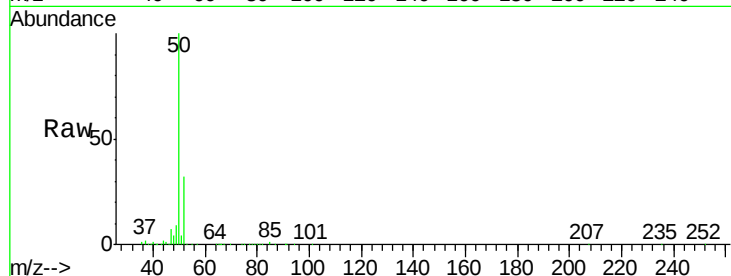
VSTDCCC050

Tgt Ion: 50 Resp: 251743

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 49.211 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014613.D

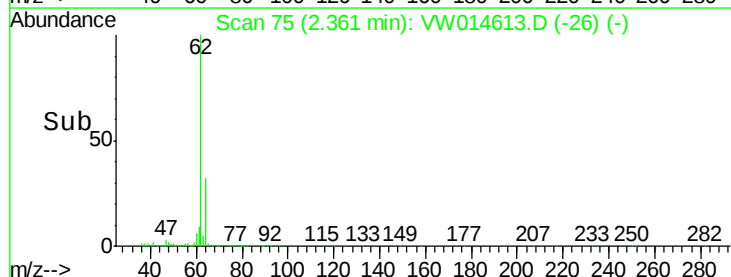
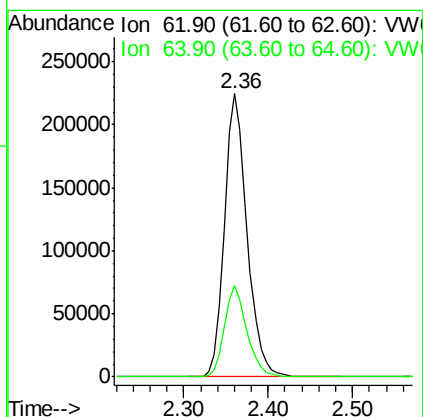
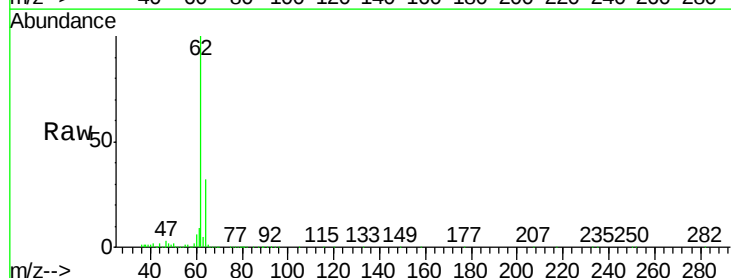
Acq: 13 Jan 2020 10:02

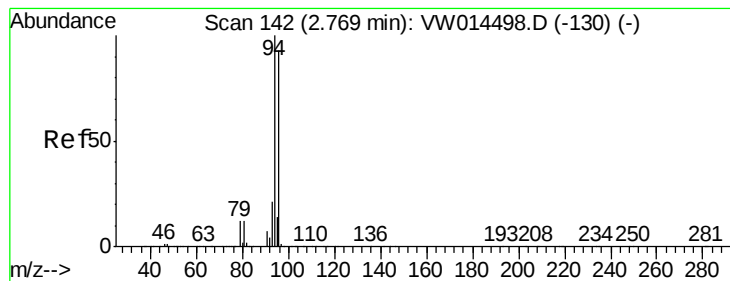
Tgt Ion: 62 Resp: 412107

Ion Ratio Lower Upper

62 100

64 32.1 25.0 37.4





#5

Bromomethane

Concen: 48.773 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

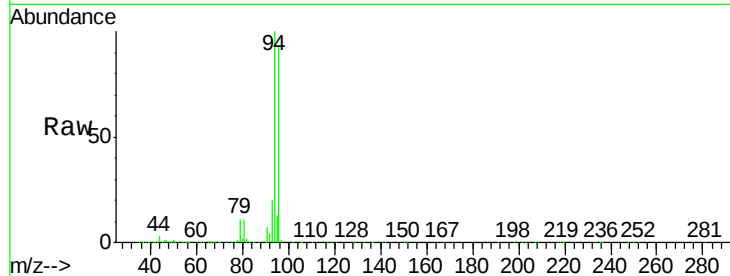
VSTDCCC050

Tgt Ion: 94 Resp: 252316

Ion Ratio Lower Upper

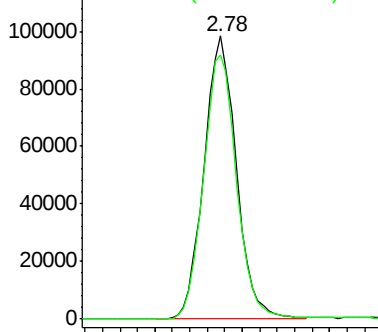
94 100

96 93.0 74.2 111.2

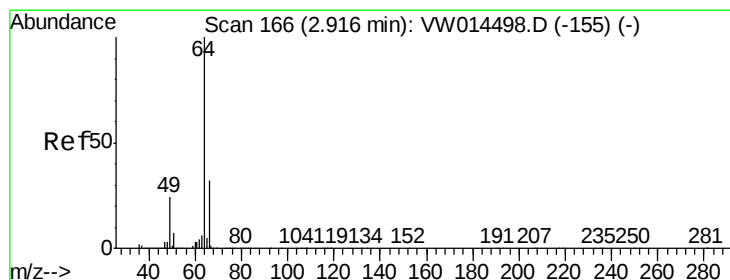
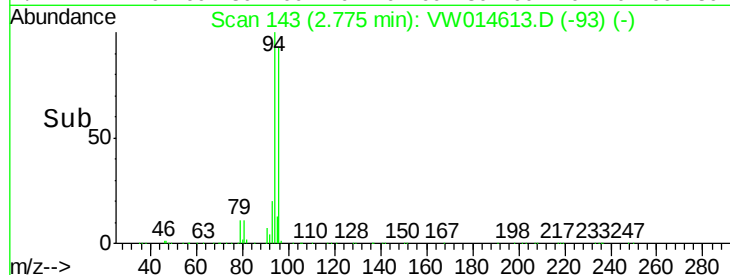


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 49.542 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW014613.D

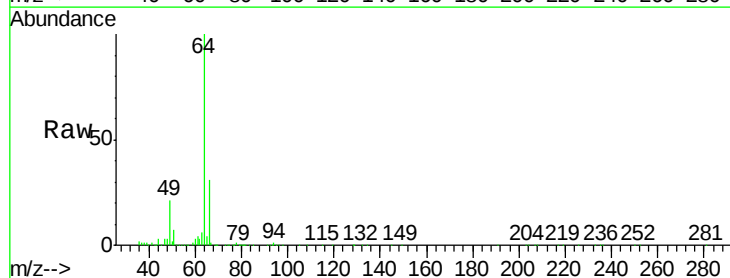
Acq: 13 Jan 2020 10:02

Tgt Ion: 64 Resp: 236497

Ion Ratio Lower Upper

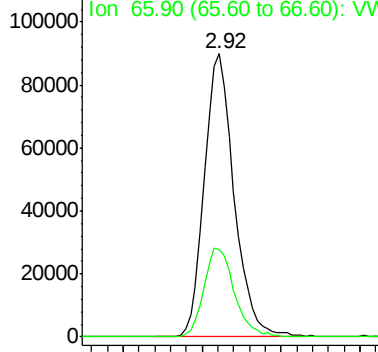
64 100

66 31.0 25.7 38.5

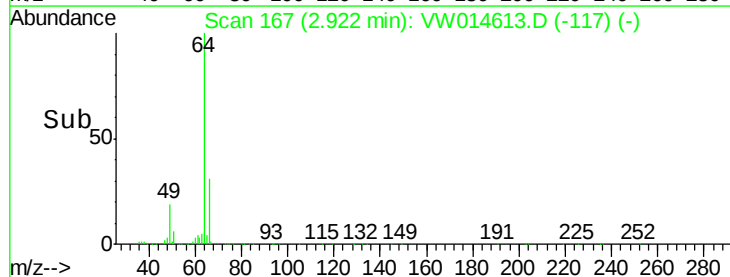


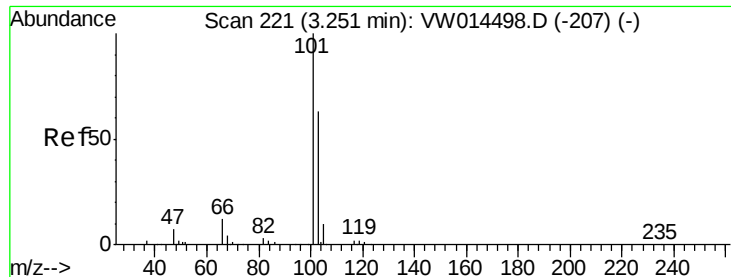
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->



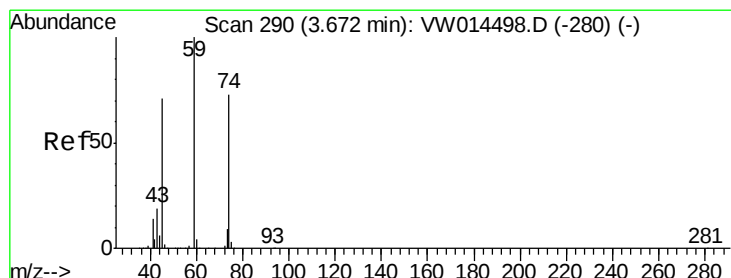
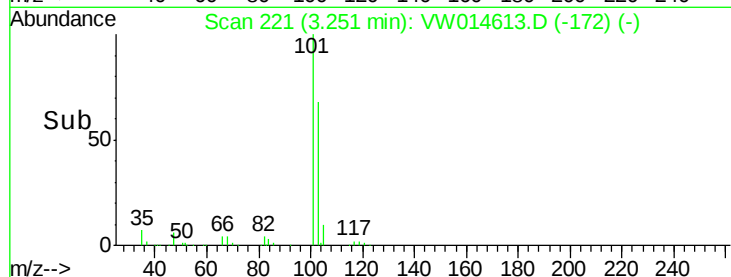
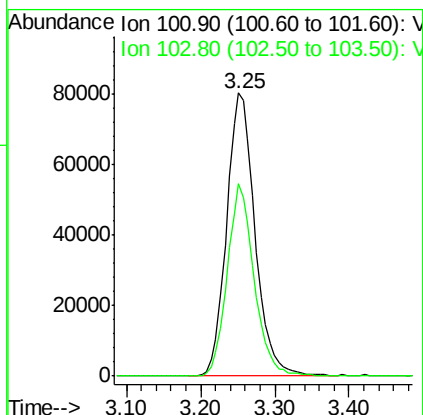
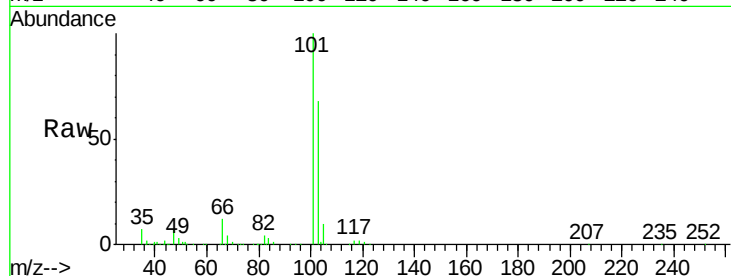


#7

Trichlorofluoromethane
 Concen: 51.114 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
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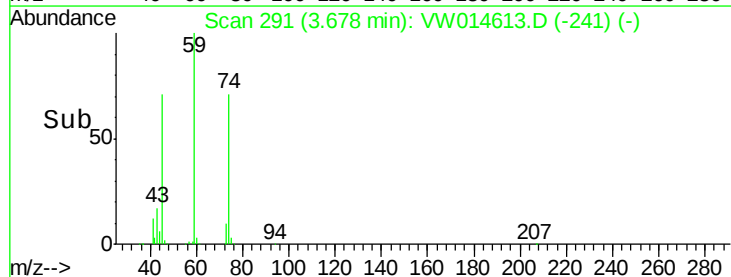
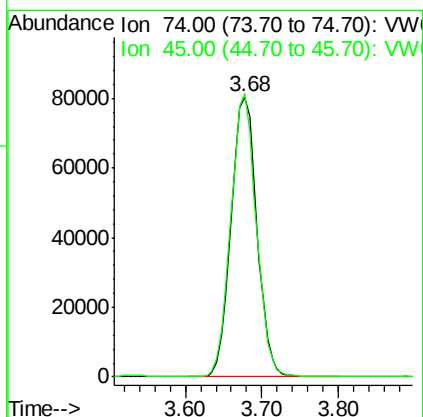
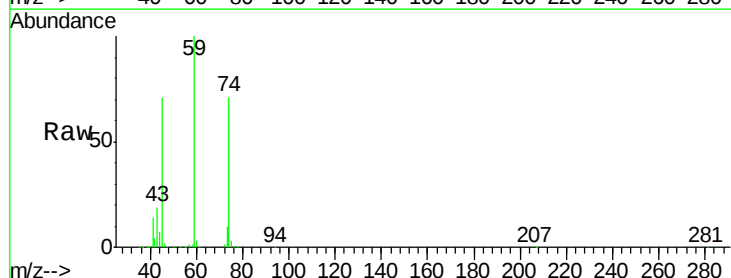
Tgt Ion: 101 Resp: 214164
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.1 75.1



#8

Diethyl Ether
 Concen: 45.224 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion: 74 Resp: 188536
 Ion Ratio Lower Upper
 74 100
 45 99.0 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.855 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

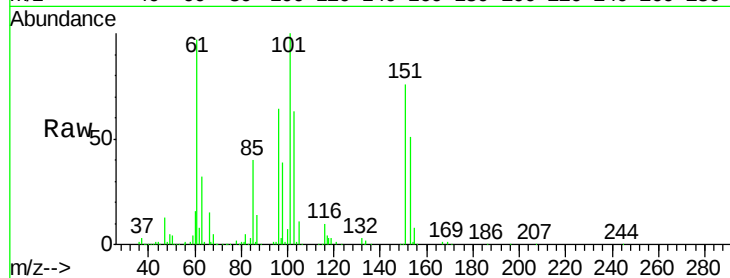
Tgt Ion:101 Resp: 390308

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

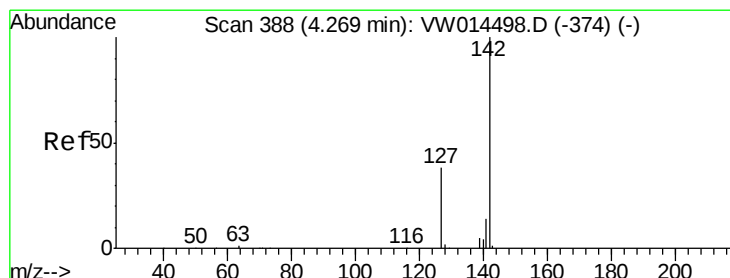
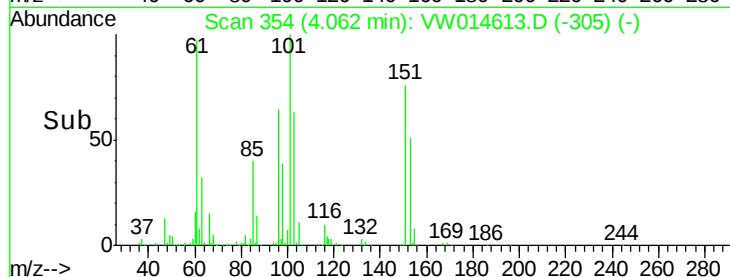
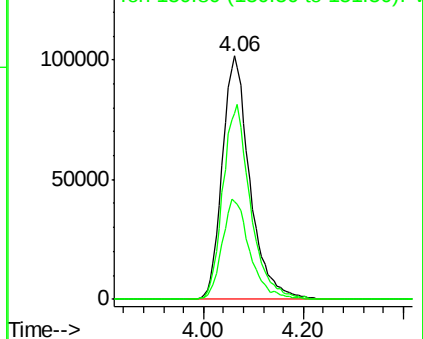
151 79.9 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.078 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

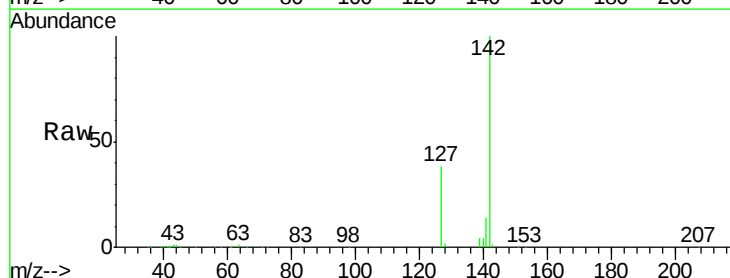
Tgt Ion:142 Resp: 567911

Ion Ratio Lower Upper

142 100

127 38.5 30.2 45.4

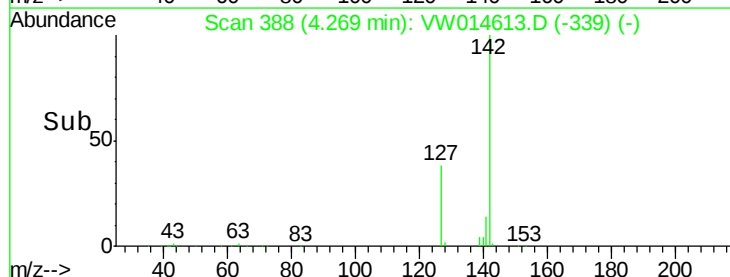
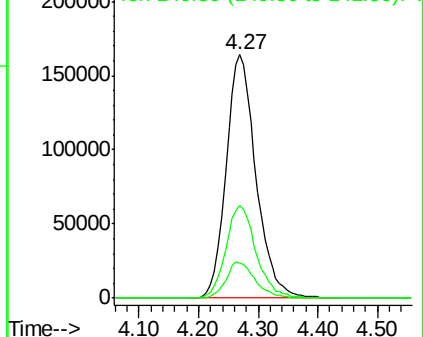
141 14.6 11.4 17.2

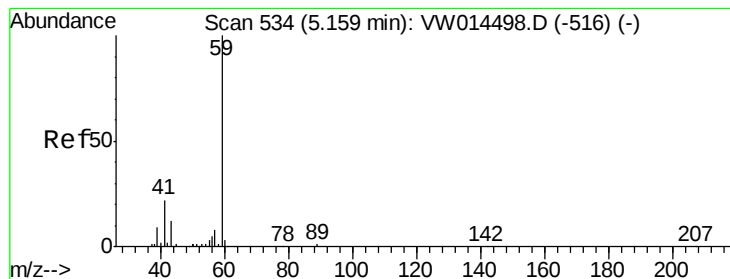


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 197.583 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

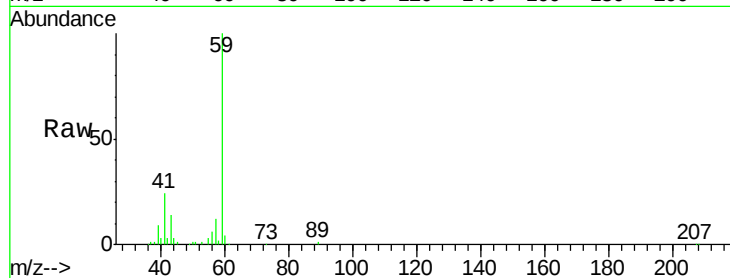
VSTDCCC050

Tgt Ion: 59 Resp: 112402

Ion Ratio Lower Upper

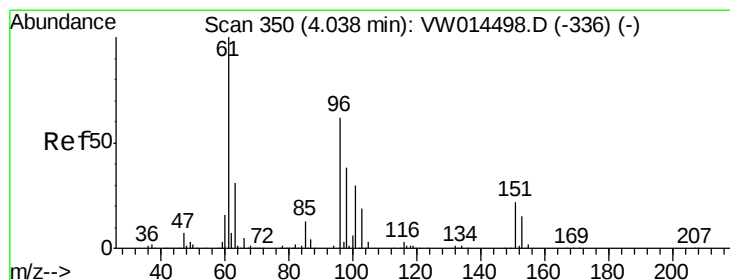
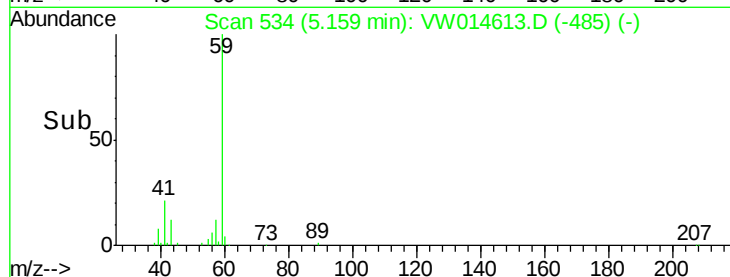
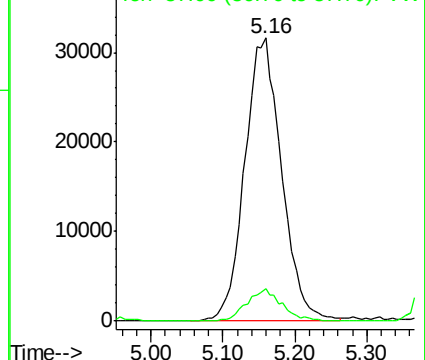
59 100

57 10.8 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 48.824 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

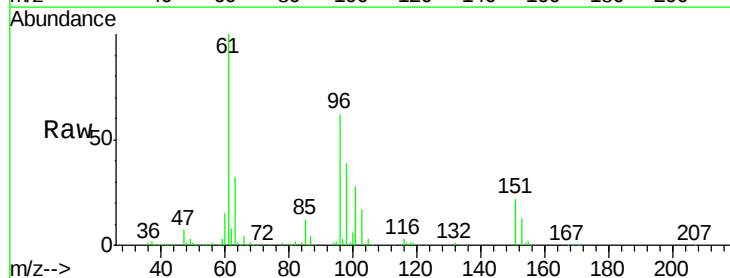
Tgt Ion: 96 Resp: 400278

Ion Ratio Lower Upper

96 100

61 160.7 128.4 192.6

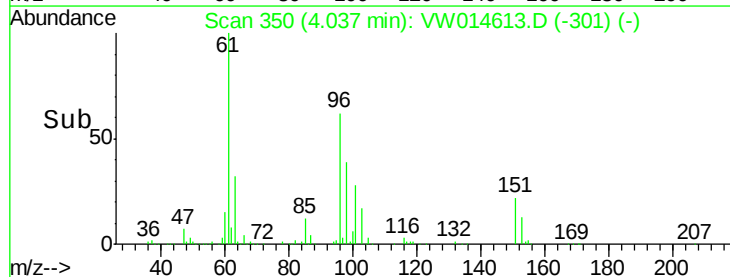
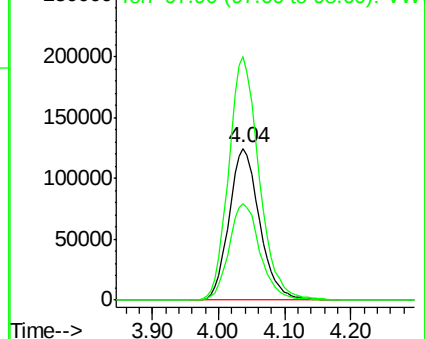
98 63.4 49.1 73.7

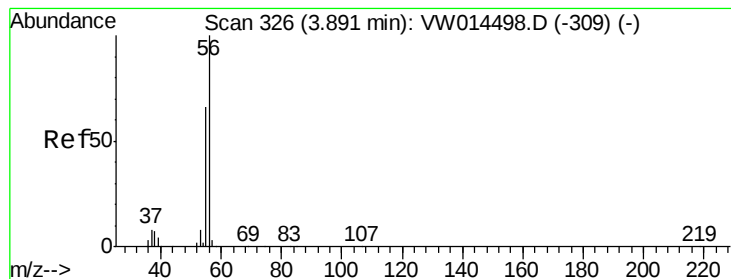


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 234.851 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

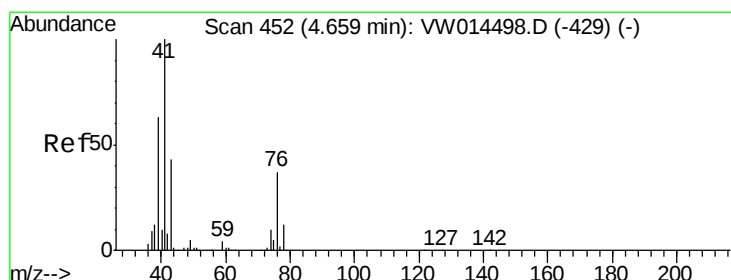
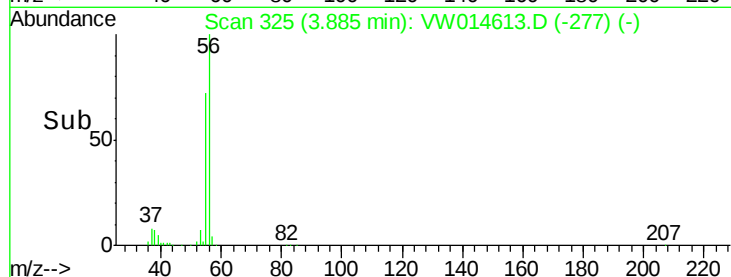
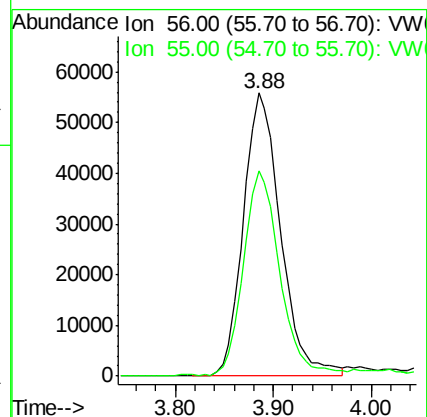
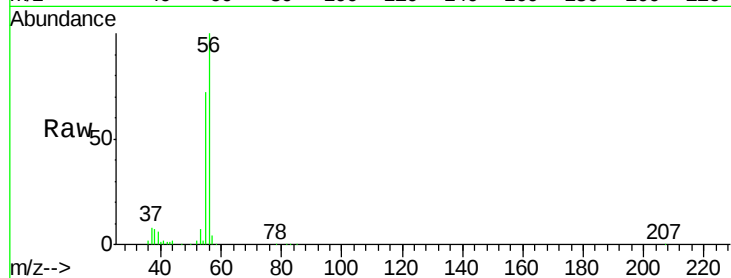
VSTDCCC050

Tgt Ion: 56 Resp: 147645

Ion Ratio Lower Upper

56 100

55 70.3 56.7 85.1



#14

Allyl chloride

Concen: 49.231 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

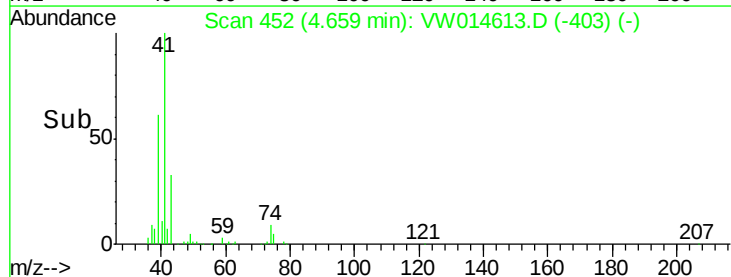
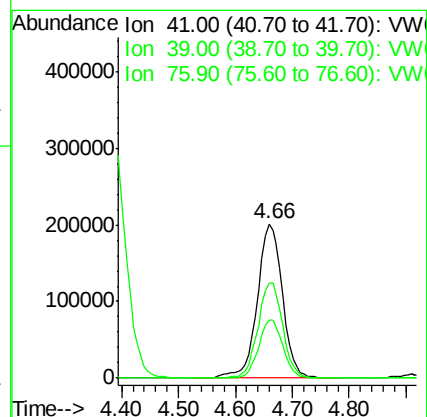
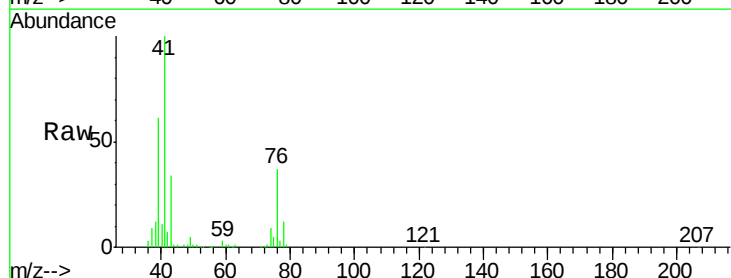
Tgt Ion: 41 Resp: 616782

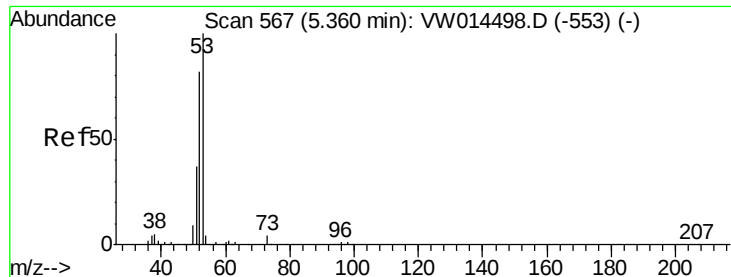
Ion Ratio Lower Upper

41 100

39 60.8 48.5 72.7

76 36.0 28.1 42.1





#15

Acrylonitrile

Concen: 218.894 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

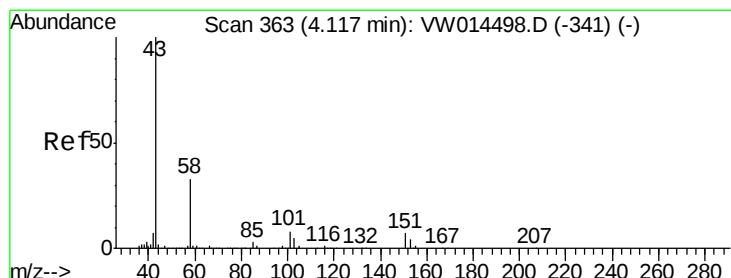
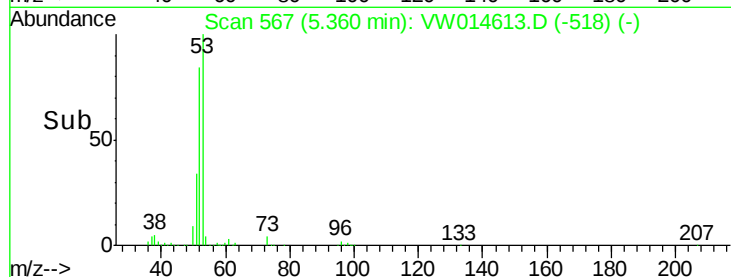
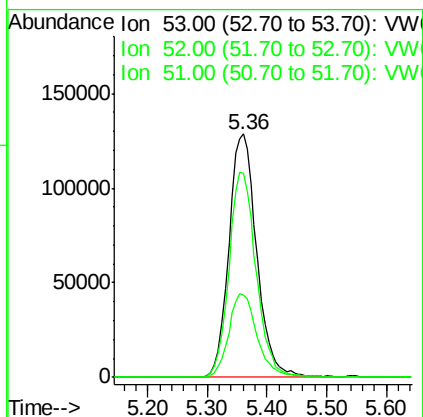
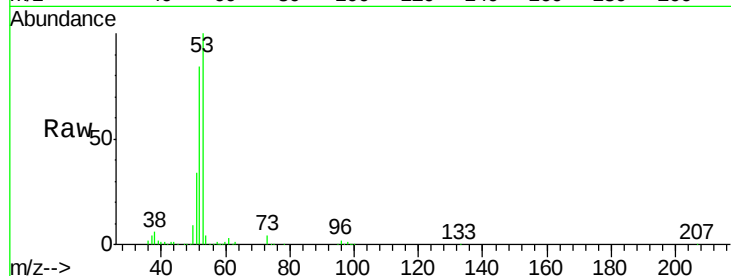
Tgt Ion: 53 Resp: 417121

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

51 35.2 28.4 42.6



#16

Acetone

Concen: 236.159 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014613.D

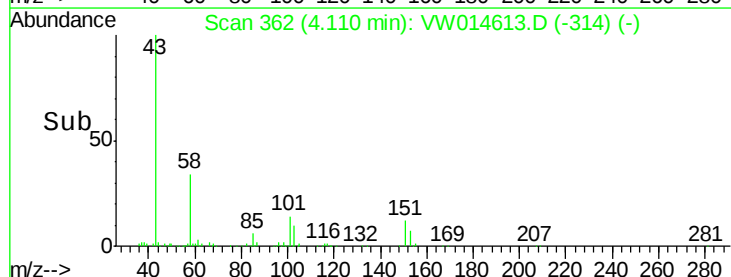
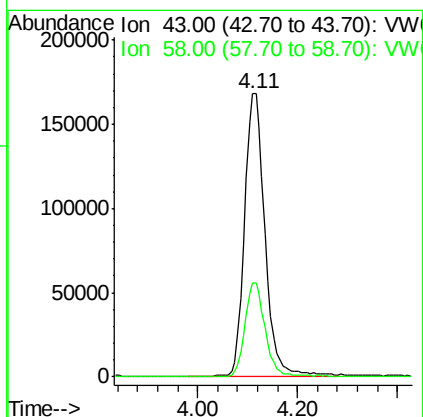
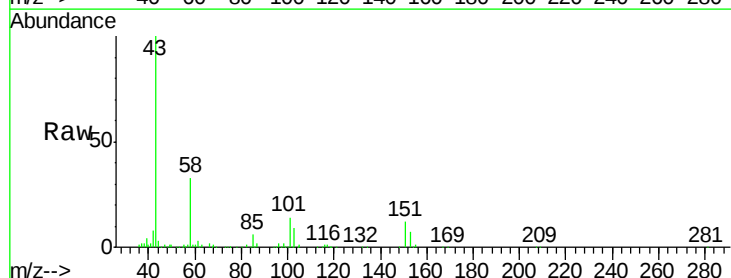
Acq: 13 Jan 2020 10:02

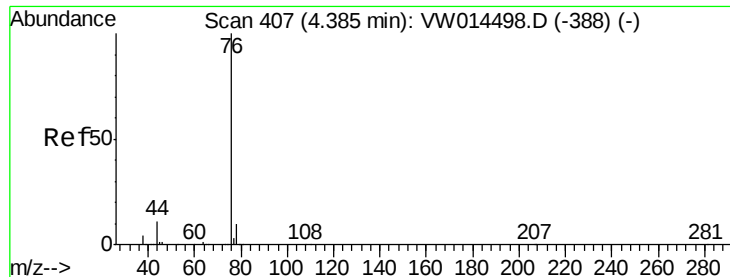
Tgt Ion: 43 Resp: 480316

Ion Ratio Lower Upper

43 100

58 33.1 26.6 39.8

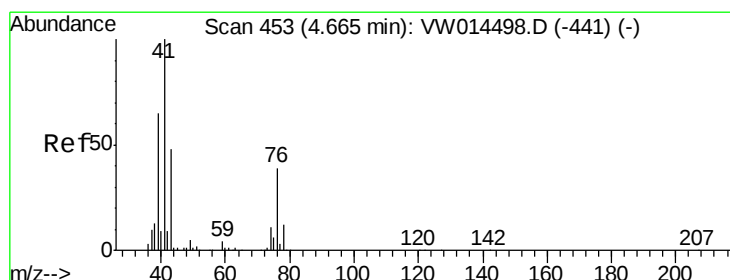
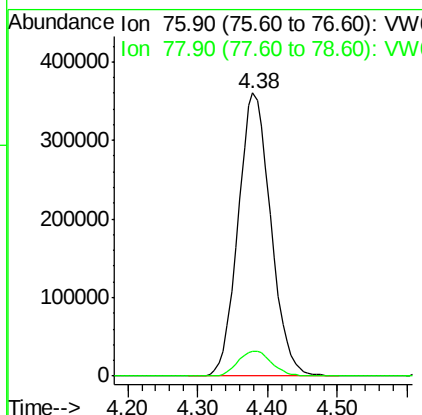
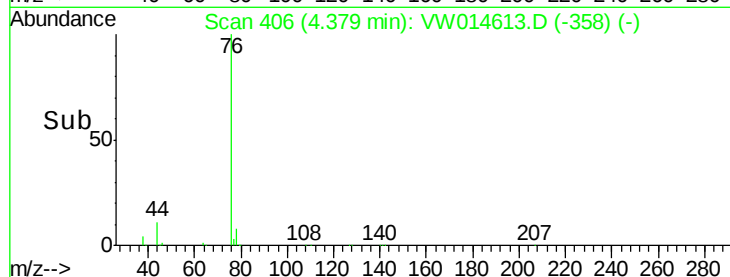
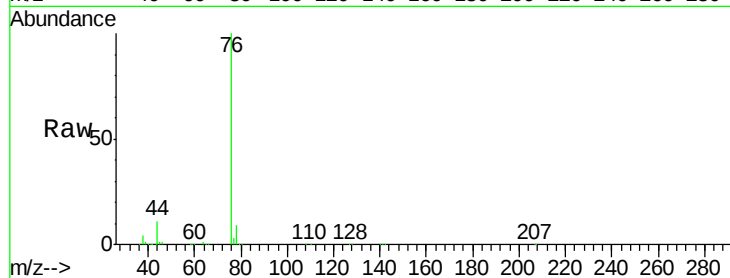




#17
Carbon Disulfide
Concen: 47.173 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

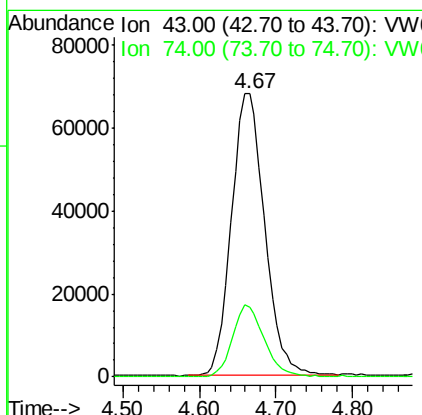
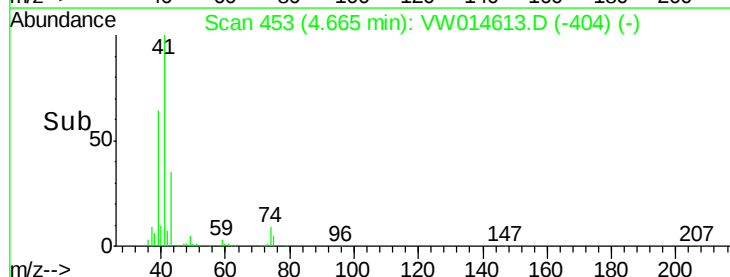
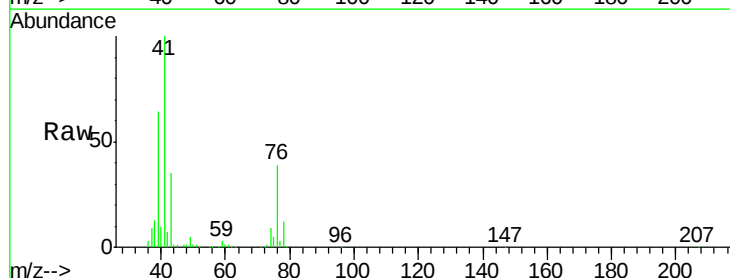
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

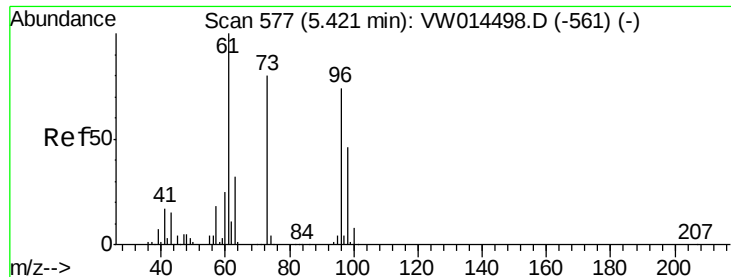
Tgt Ion: 76 Resp: 1165650
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.6



#18
Methyl Acetate
Concen: 41.729 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 43 Resp: 204977
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9

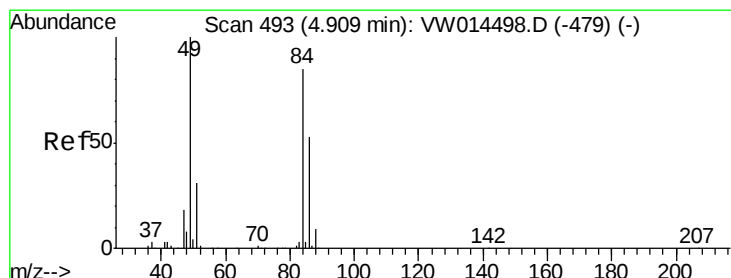
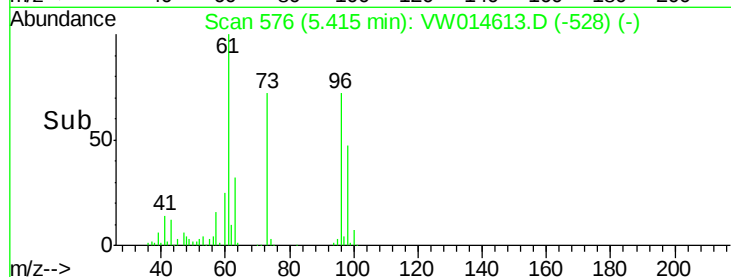
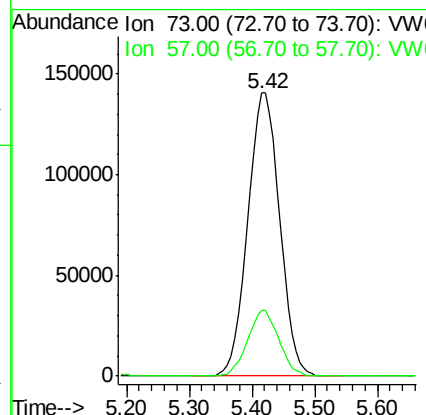
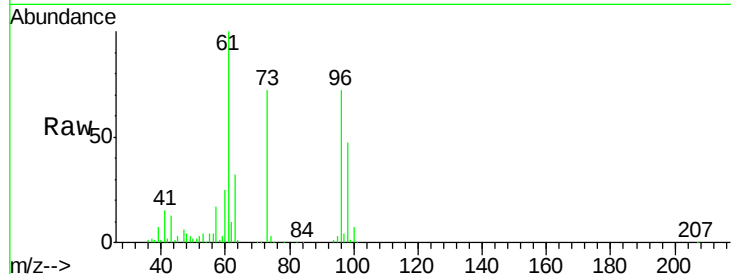




#19
Methyl tert-butyl Ether
Concen: 48.633 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

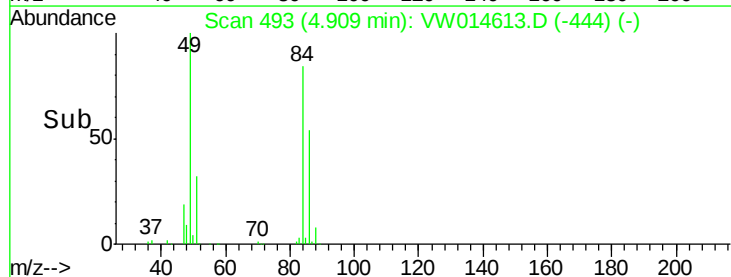
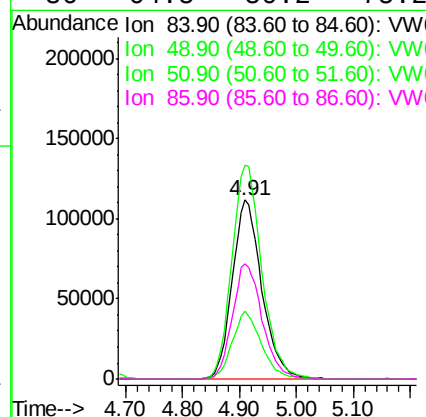
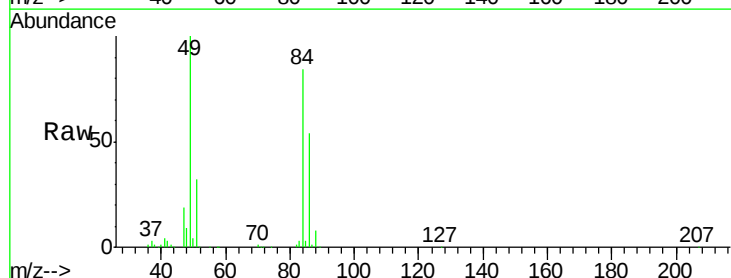
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

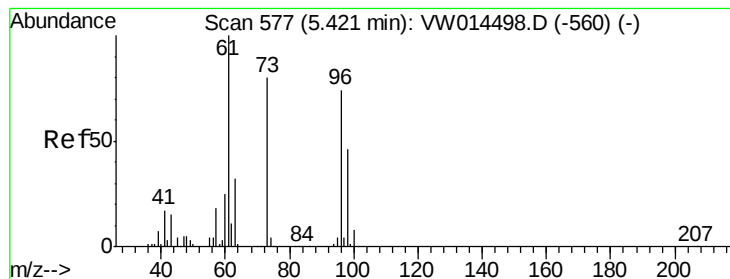
Tgt Ion: 73 Resp: 494938
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1



#20
Methylene Chloride
Concen: 49.118 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 84 Resp: 404721
Ion Ratio Lower Upper
84 100
49 119.2 94.4 141.6
51 37.5 29.5 44.3
86 64.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.085 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

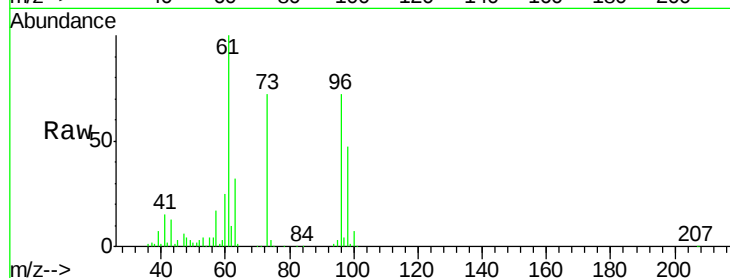
Tgt Ion: 96 Resp: 418595

Ion Ratio Lower Upper

96 100

61 138.3 107.8 161.6

98 65.3 49.4 74.0

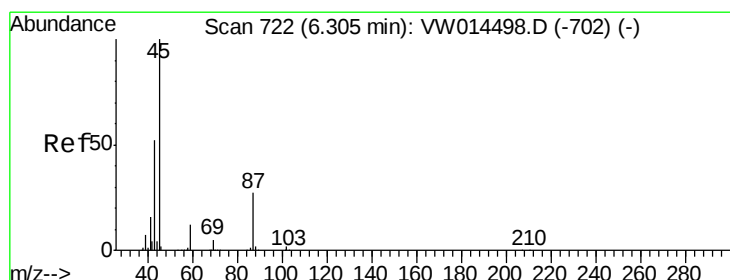
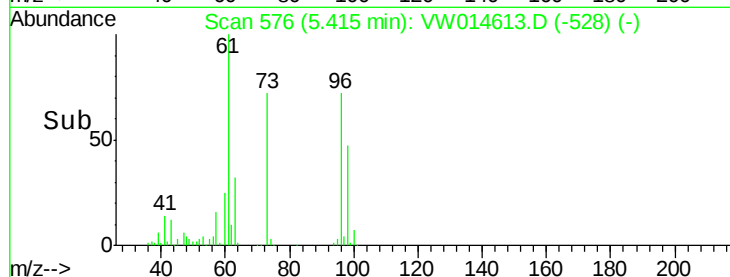
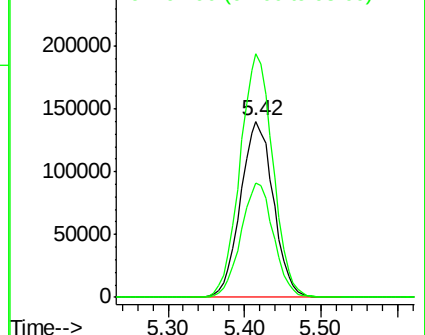


Abundance

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: 48.960 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion: 45 Resp: 1148120

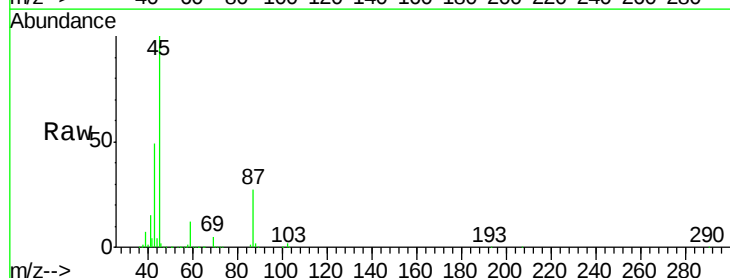
Ion Ratio Lower Upper

45 100

43 49.1 41.4 62.0

87 26.7 22.2 33.2

59 11.6 9.5 14.3



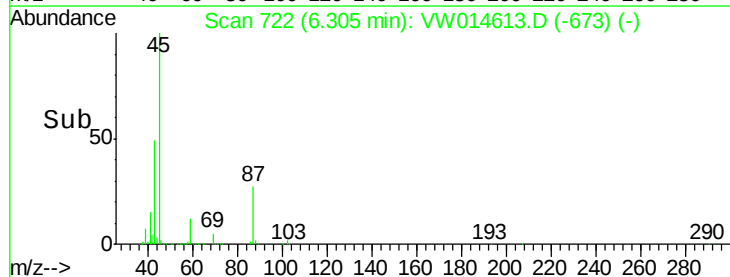
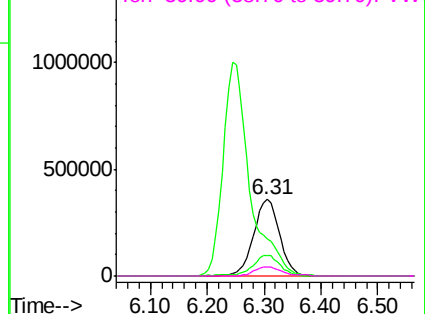
Abundance

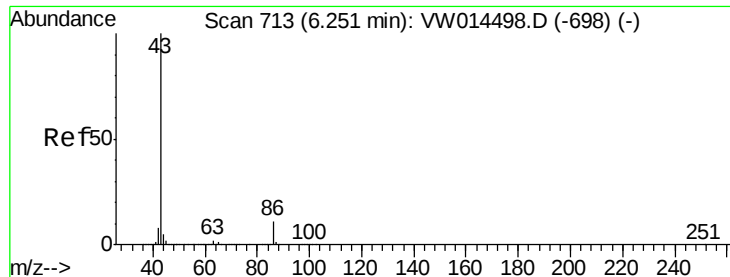
Ion 45.00 (44.70 to 45.70): VW

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: 231.841 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

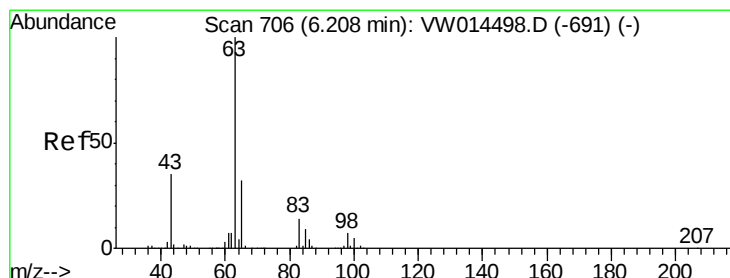
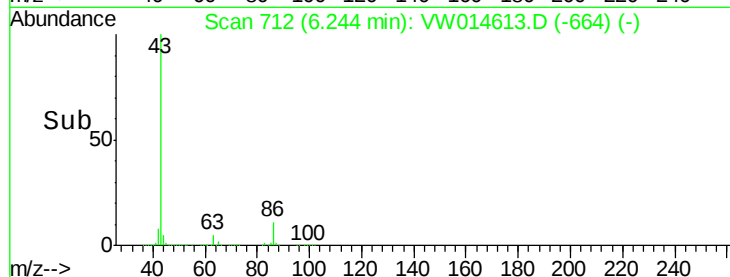
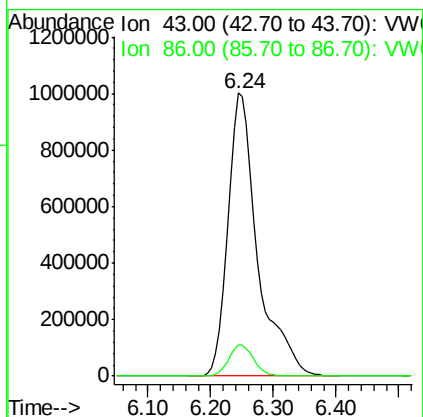
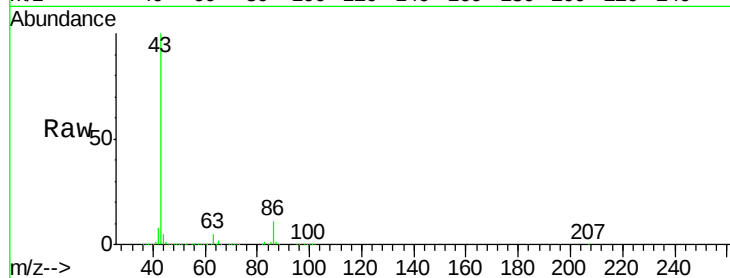
VSTDCCC050

Tgt Ion: 43 Resp: 3282980

Ion Ratio Lower Upper

43 100

86 10.9 8.8 13.2



#24

1,1-Dichloroethane

Concen: 48.623 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

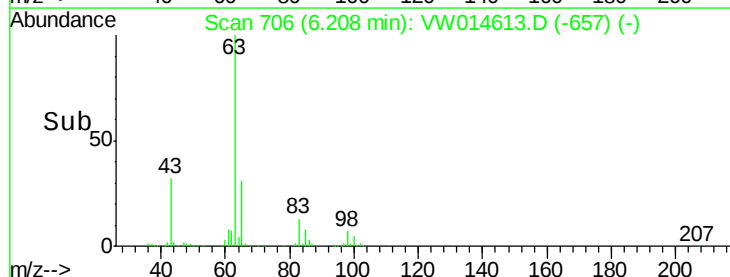
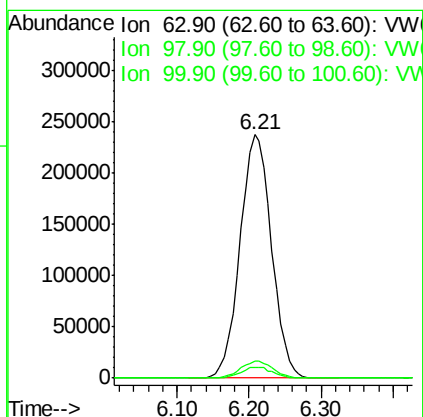
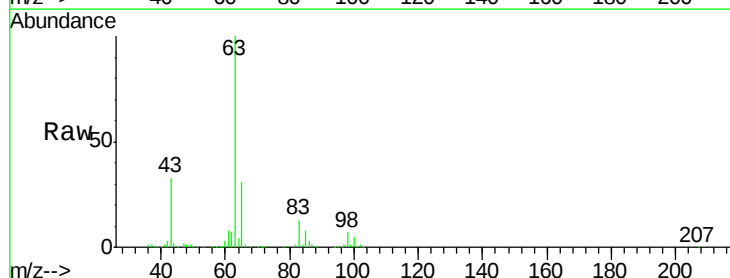
Tgt Ion: 63 Resp: 719227

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 217.181 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

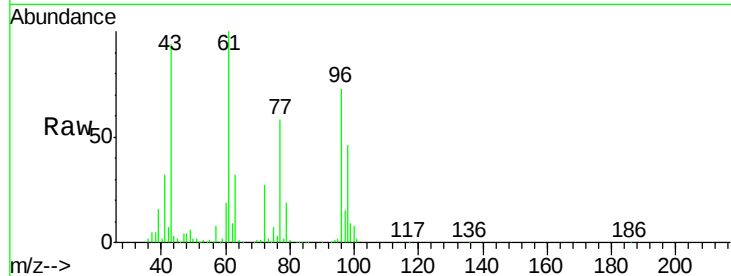
VSTDCCC050

Tgt Ion: 43 Resp: 566866

Ion Ratio Lower Upper

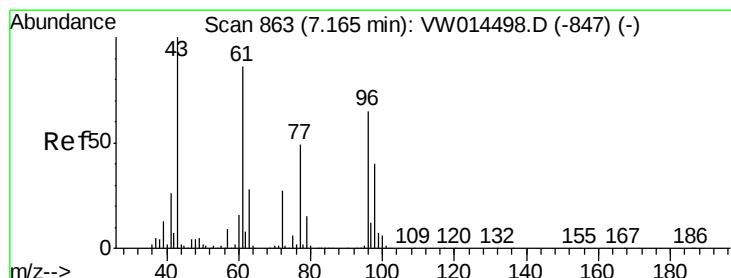
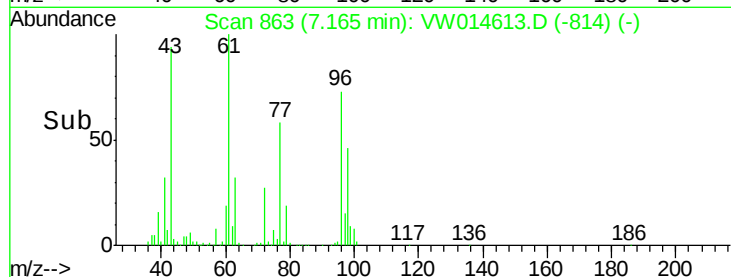
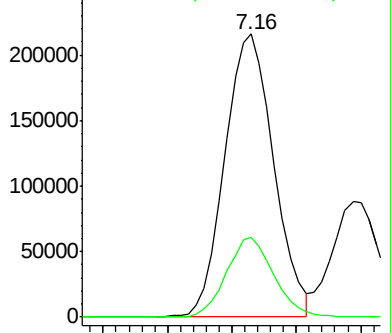
43 100

72 28.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 48.615 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014613.D

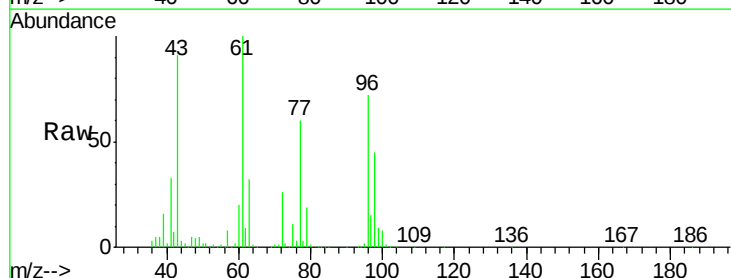
Acq: 13 Jan 2020 10:02

Tgt Ion: 77 Resp: 398132

Ion Ratio Lower Upper

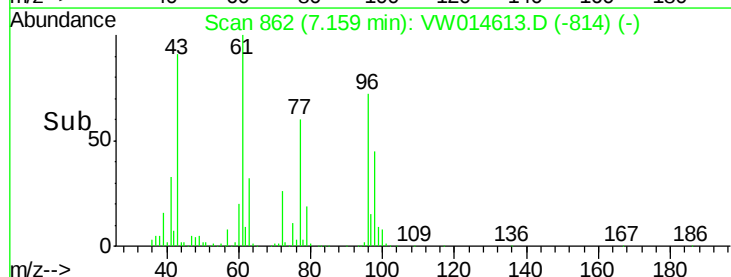
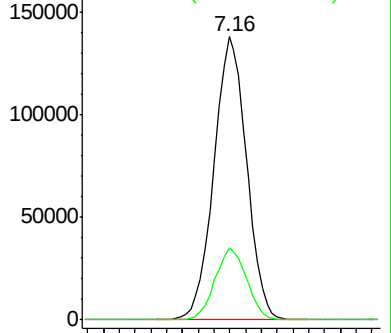
77 100

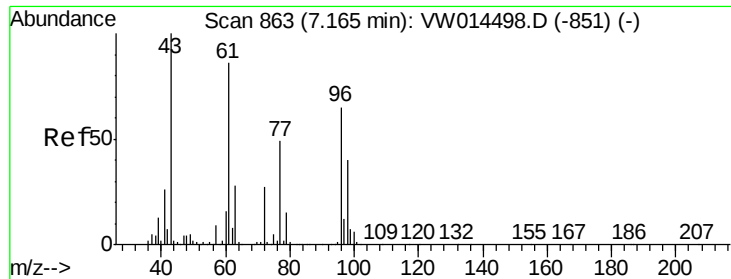
97 24.7 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



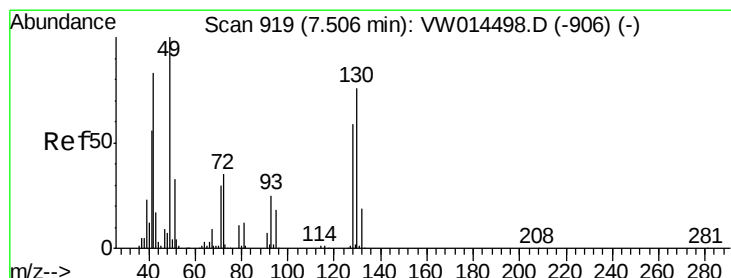
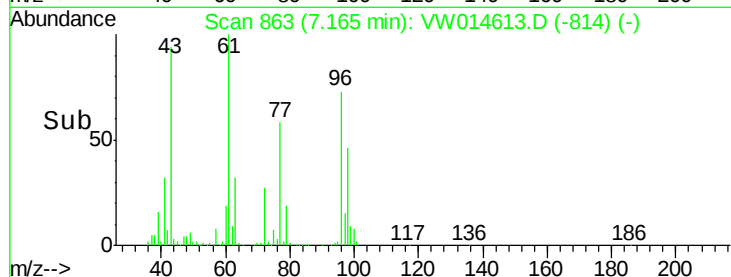
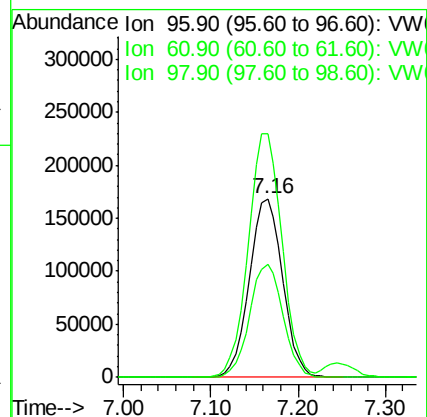
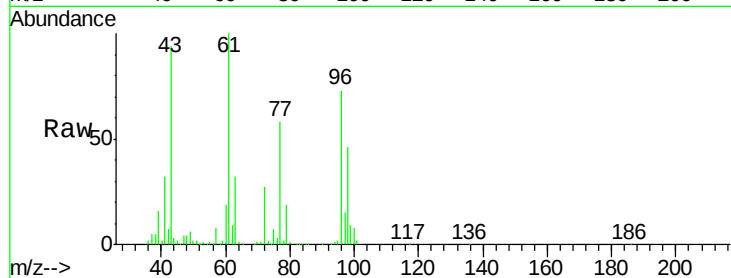


#27

cis-1,2-Dichloroethene
 Concen: 48.670 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

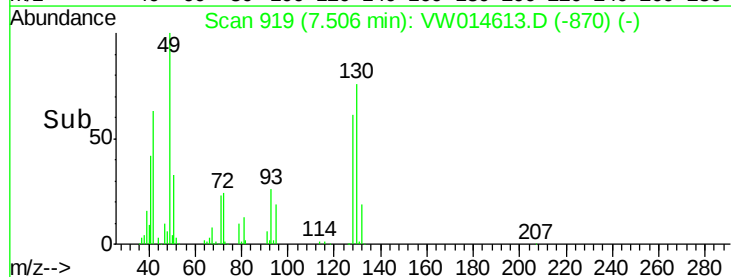
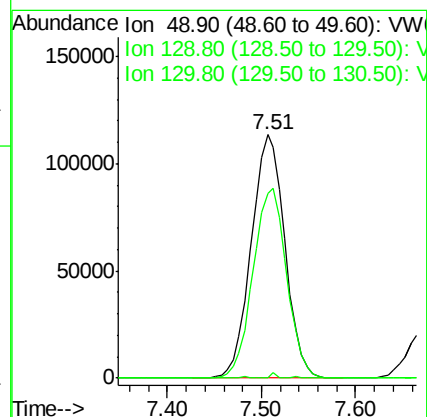
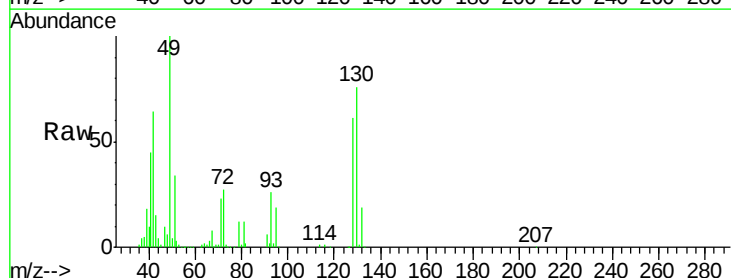
Tgt Ion: 96 Resp: 445194
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 274.8
 98 63.5 0.0 128.6

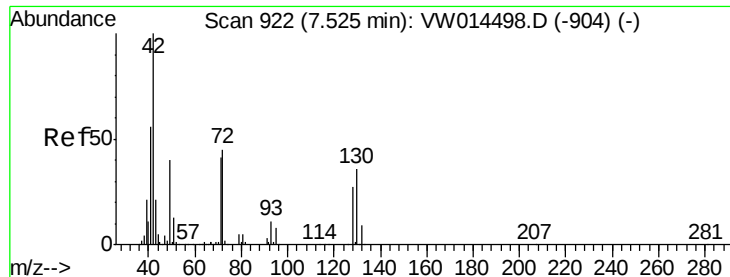


#28

Bromochloromethane
 Concen: 48.684 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion: 49 Resp: 282331
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 2.0
 130 78.5 62.5 93.7

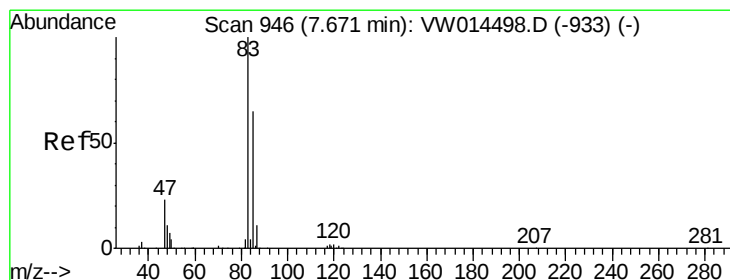
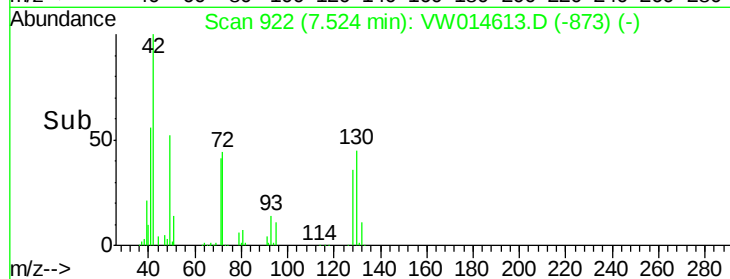
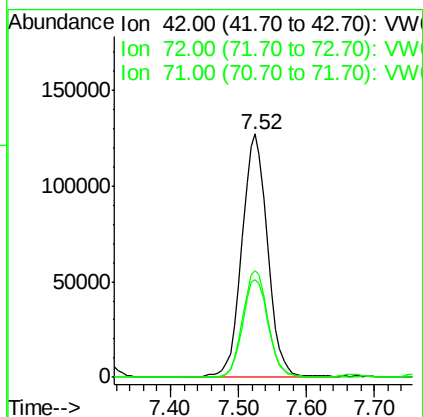
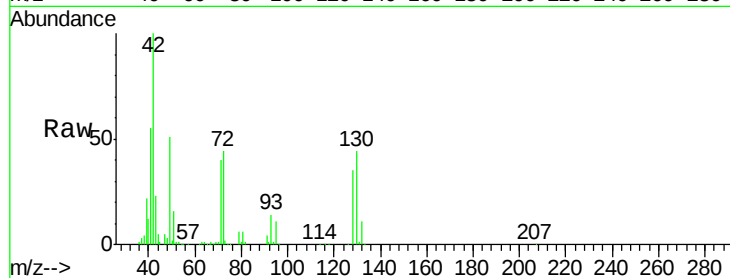




#29
Tetrahydrofuran
Concen: 205.219 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

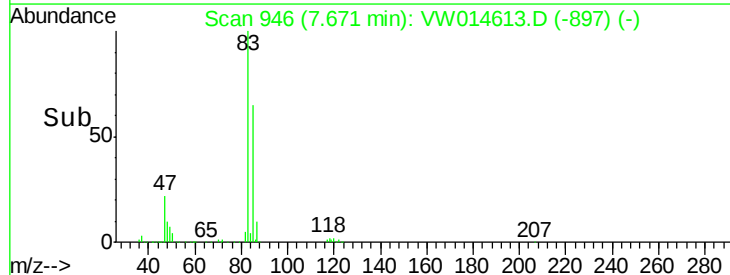
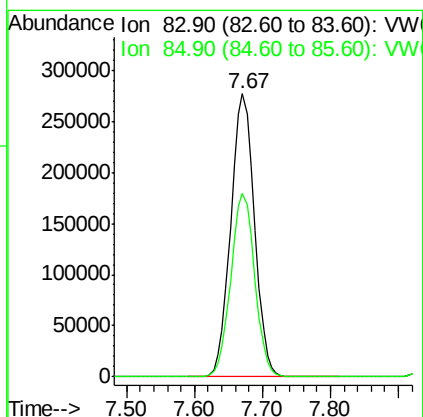
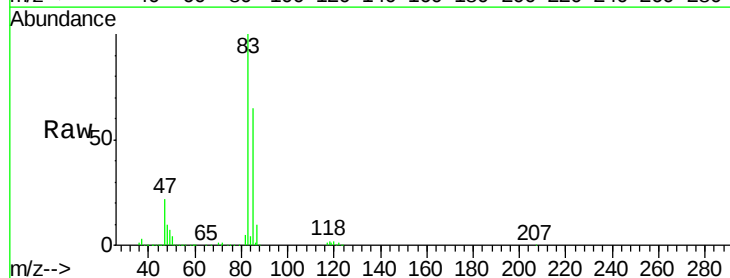
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

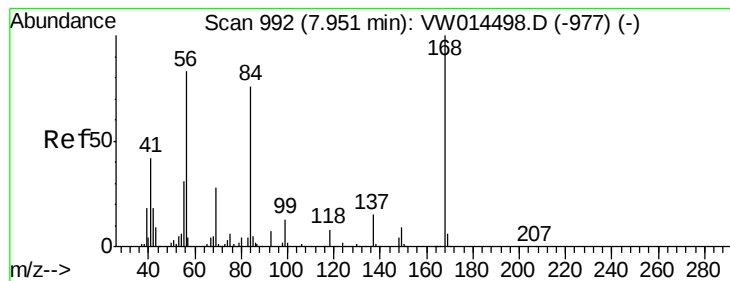
Tgt Ion: 42 Resp: 331835
Ion Ratio Lower Upper
42 100
72 43.4 34.5 51.7
71 40.5 32.0 48.0



#30
Chloroform
Concen: 48.412 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 83 Resp: 669654
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2





#31

Cyclohexane

Concen: 46.525 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

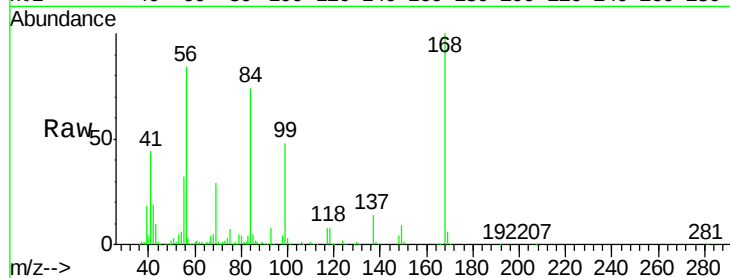
Tgt Ion: 56 Resp: 715202

Ion Ratio Lower Upper

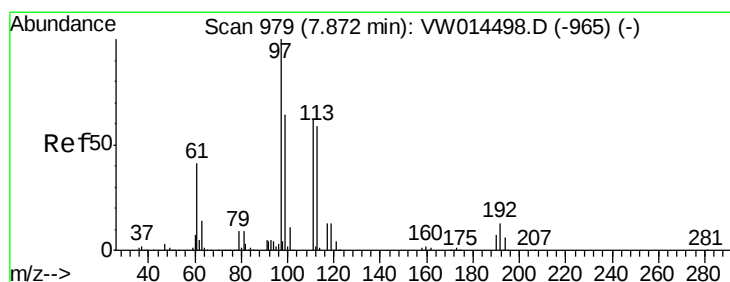
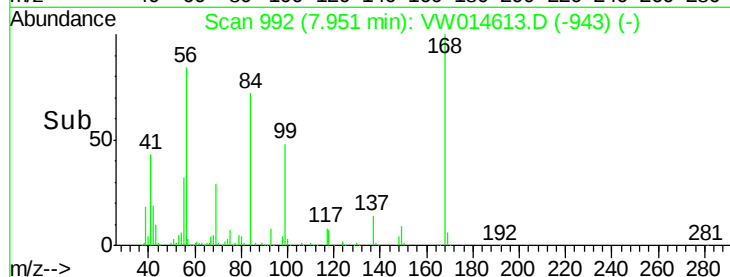
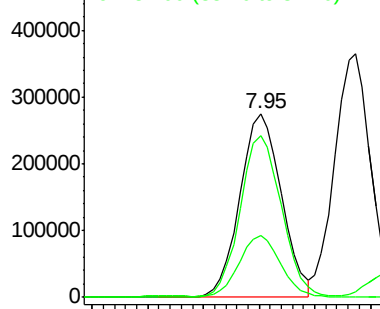
56 100

69 33.9 26.8 40.2

84 87.0 71.8 107.6



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: 49.423 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

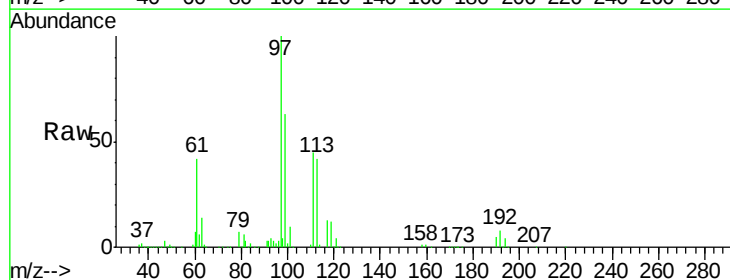
Tgt Ion: 97 Resp: 549831

Ion Ratio Lower Upper

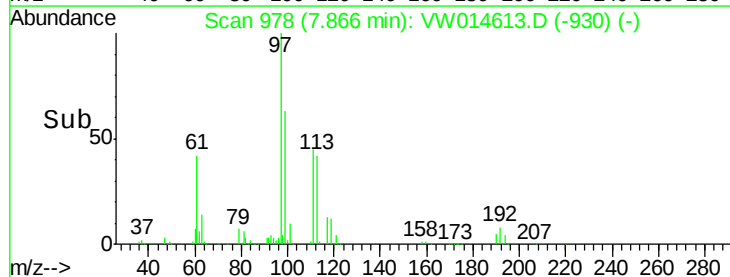
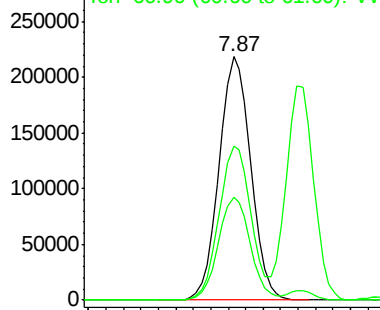
97 100

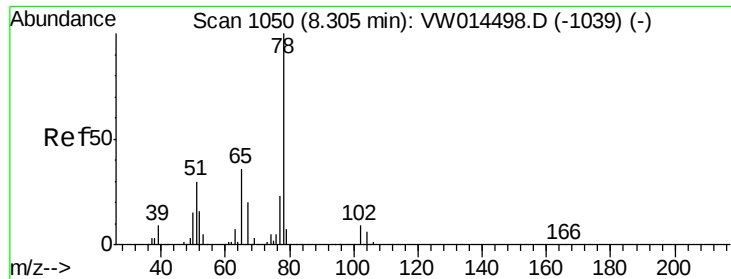
99 63.4 51.8 77.6

61 42.8 33.8 50.8



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: 45.015 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

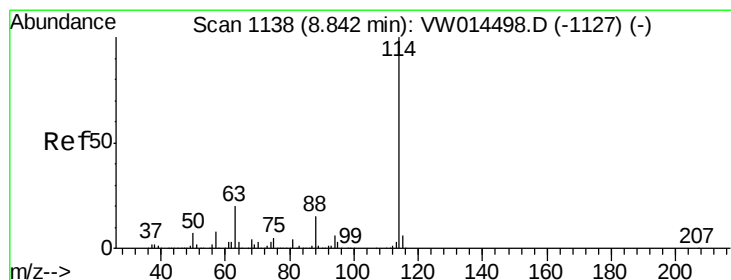
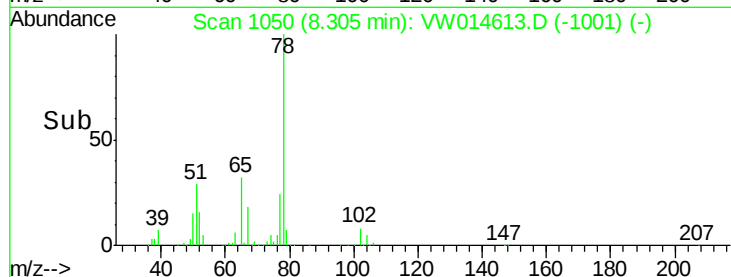
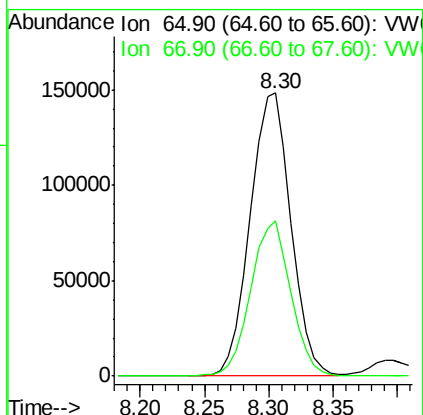
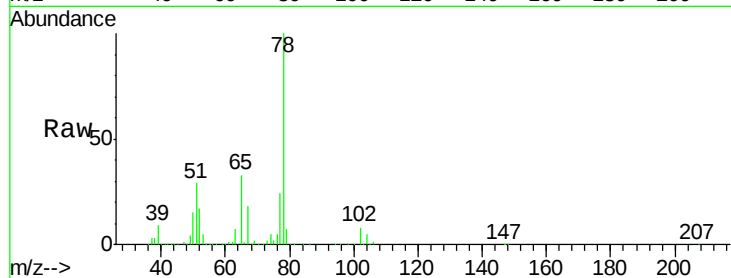
VSTDCCC050

Tgt Ion: 65 Resp: 324243

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

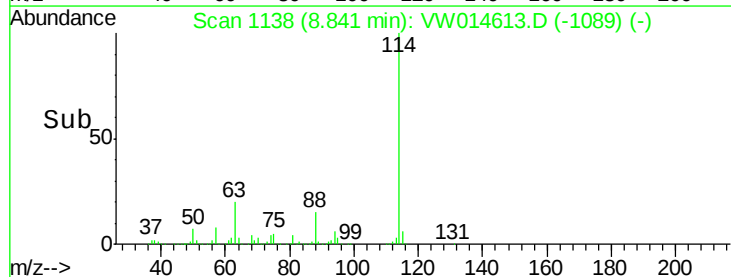
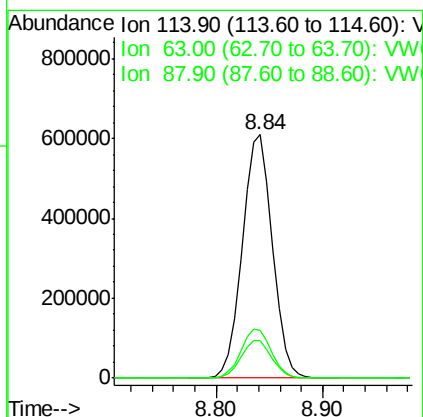
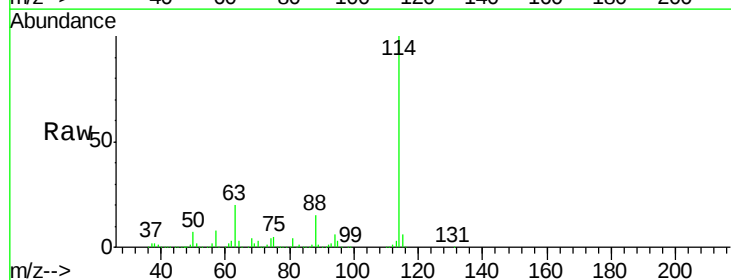
Tgt Ion: 114 Resp: 1208473

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.4

88 15.5 0.0 30.6

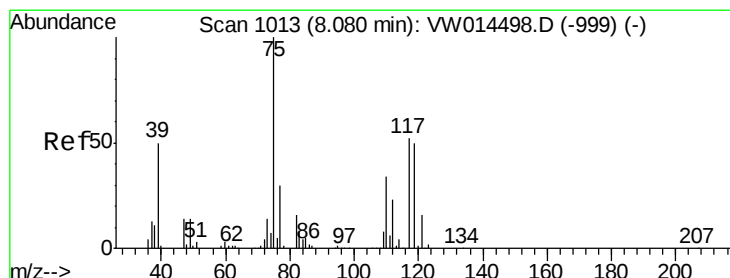
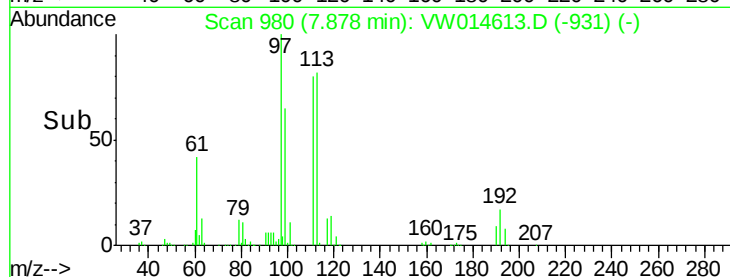
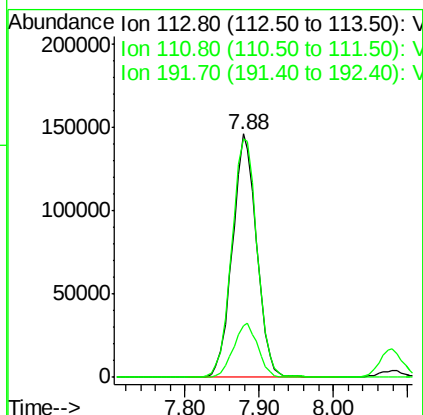
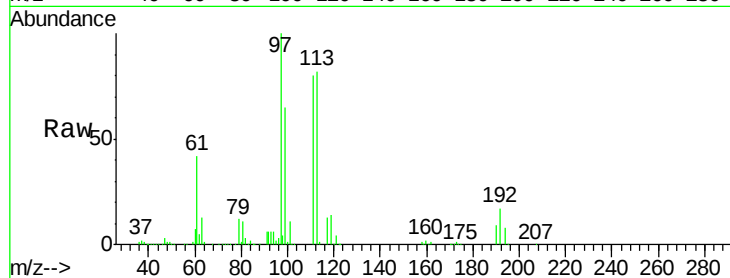




#35
 Dibromofluoromethane
 Concen: 48.227 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

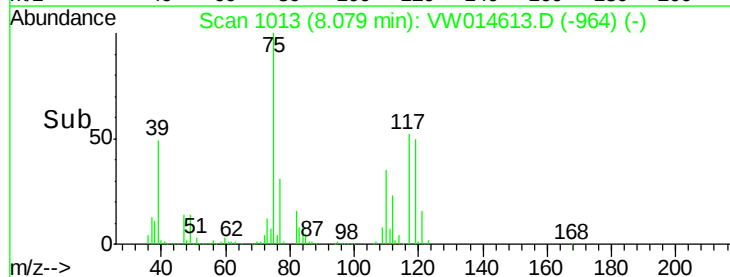
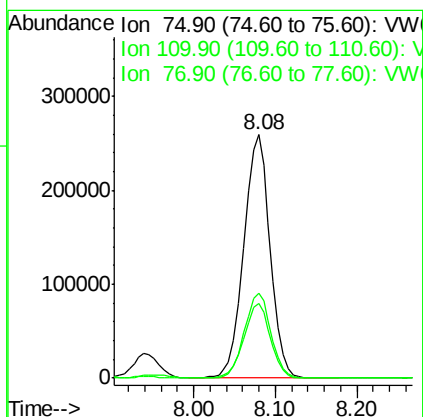
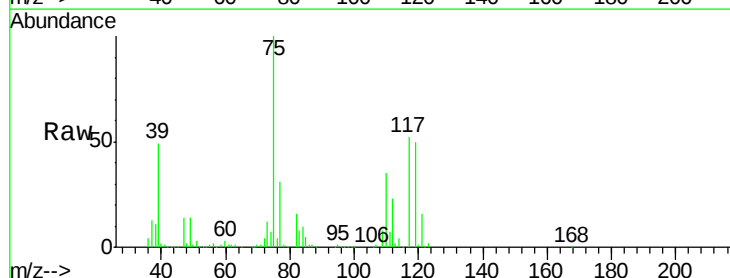
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

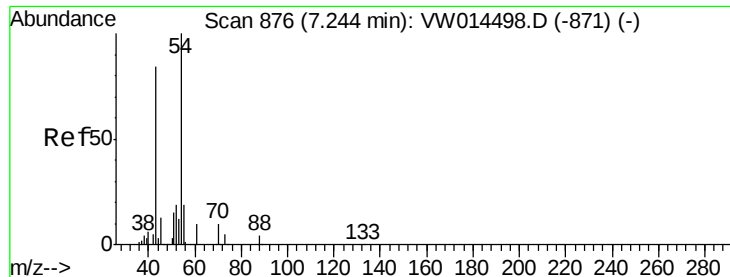
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 49.629 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	31.2	24.7	37.1

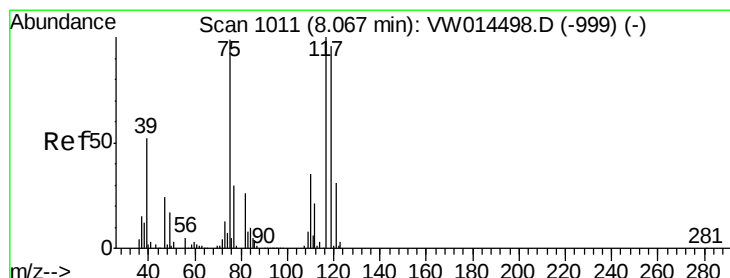
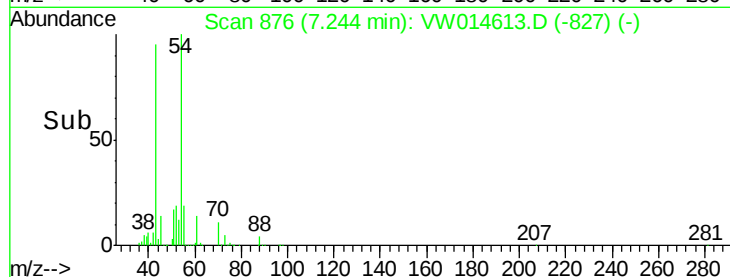
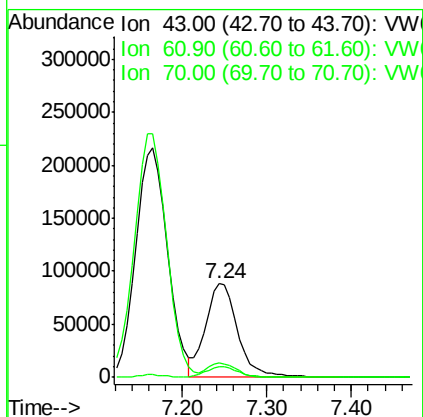
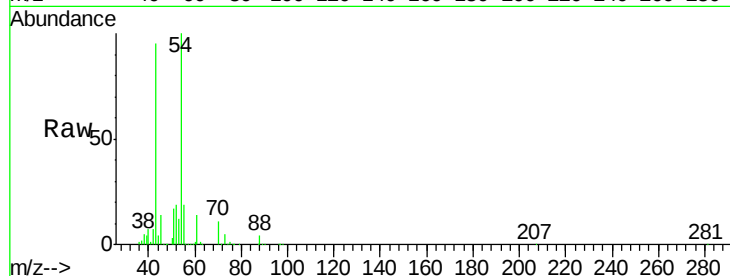




#37
Ethyl Acetate
Concen: 43.924 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

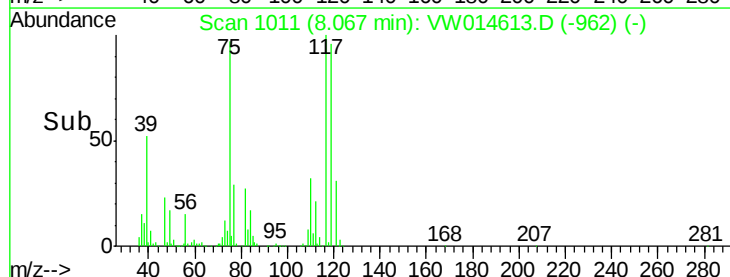
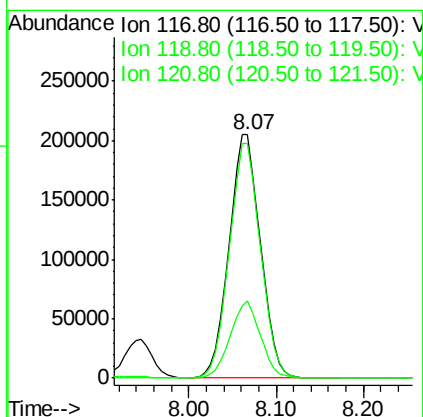
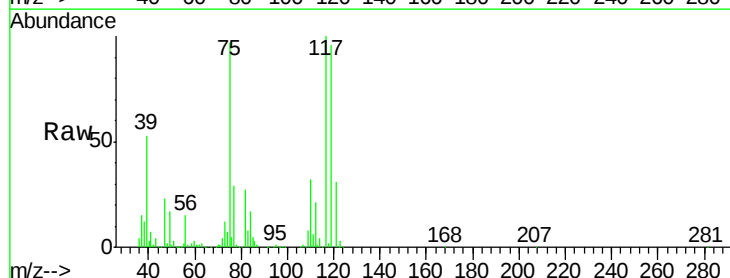
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 232086
Ion Ratio Lower Upper
43 100
61 14.0 11.7 17.5
70 11.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.587 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 117 Resp: 511296
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6
121 31.5 24.6 36.8

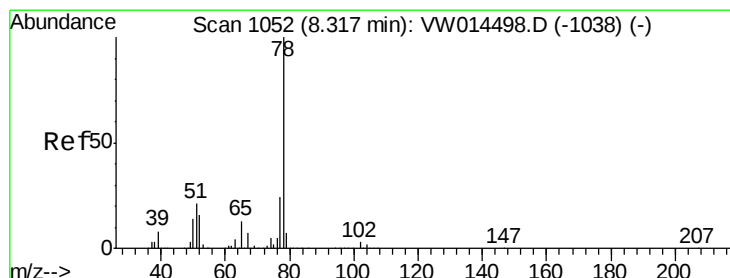
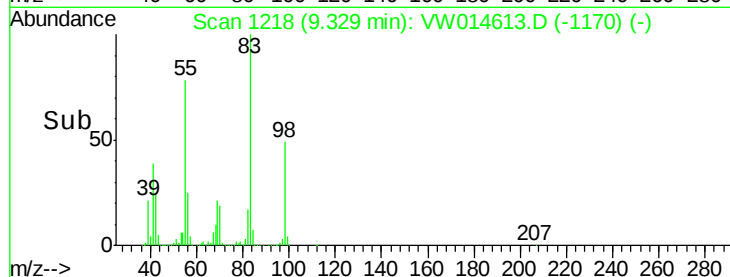
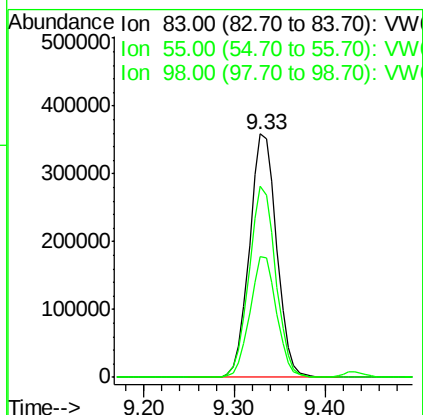
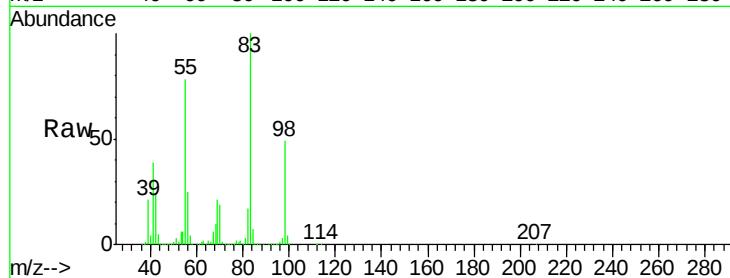




#39
Methylcyclohexane
Concen: 49.698 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

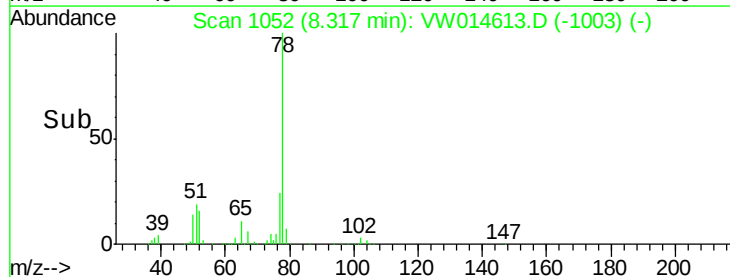
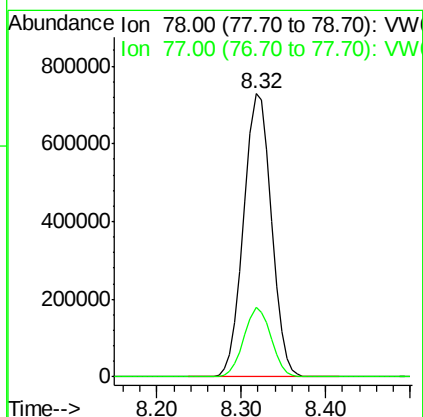
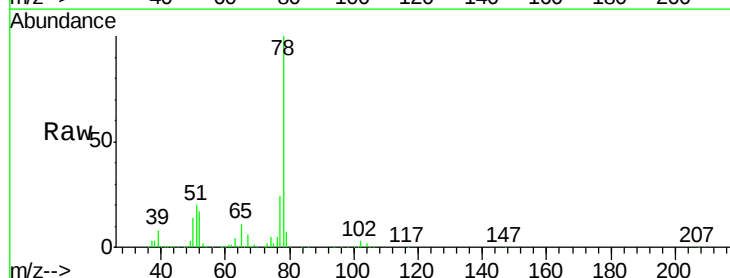
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

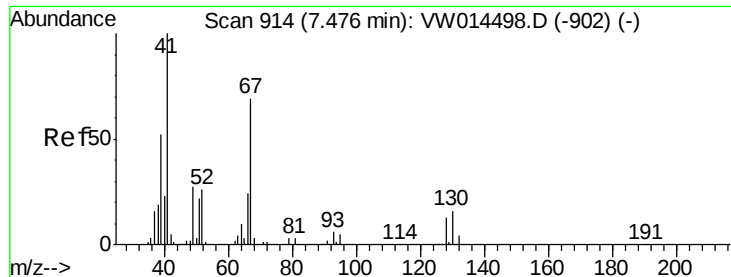
Tgt Ion: 83 Resp: 743023
Ion Ratio Lower Upper
83 100
55 78.5 60.1 90.1
98 49.3 38.8 58.2



#40
Benzene
Concen: 49.235 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 78 Resp: 1622920
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

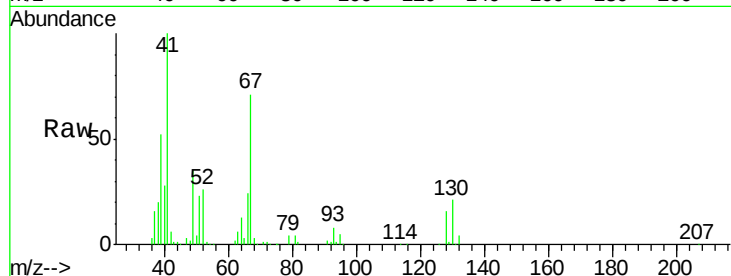




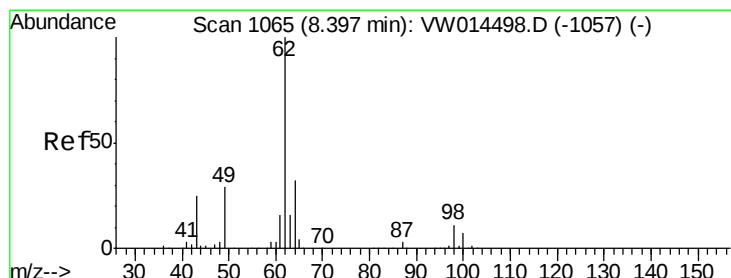
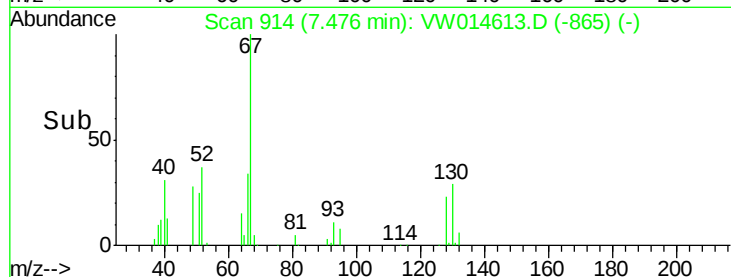
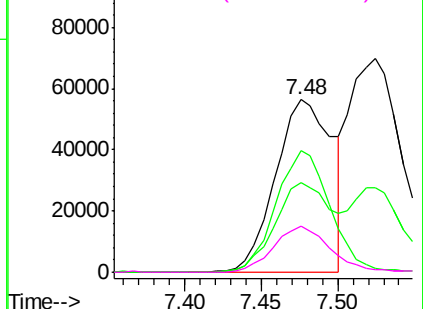
#41
Methacrylonitrile
Concen: 49.402 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	145506
Ion	Ratio	Lower	Upper
41	100		
39	50.6	46.0	69.0
67	67.6	60.8	91.2
52	26.0	23.7	35.5

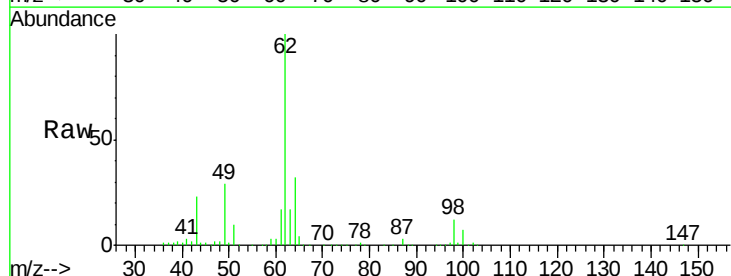


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

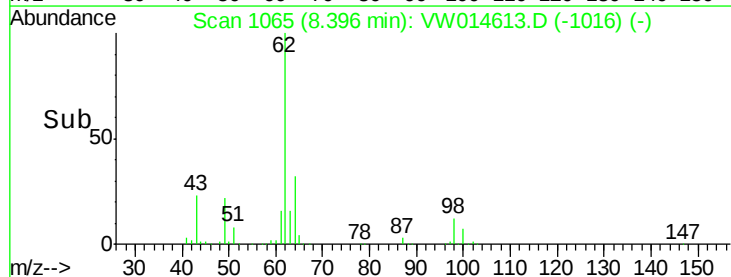
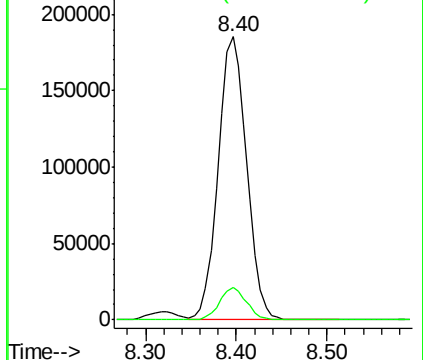


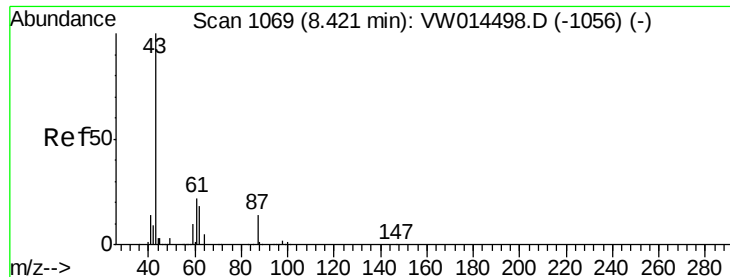
#42
1,2-Dichloroethane
Concen: 47.298 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:	62	Resp:	404588
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0



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





#43

Isopropyl Acetate

Concen: 44.290 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

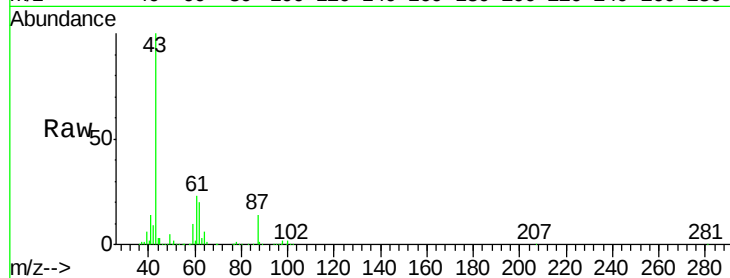
Tgt Ion: 43 Resp: 424955

Ion Ratio Lower Upper

43 100

61 32.5 24.7 37.1

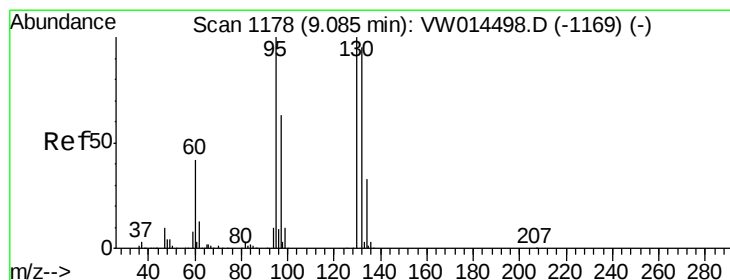
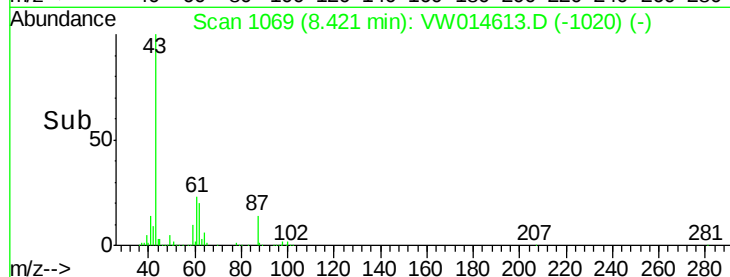
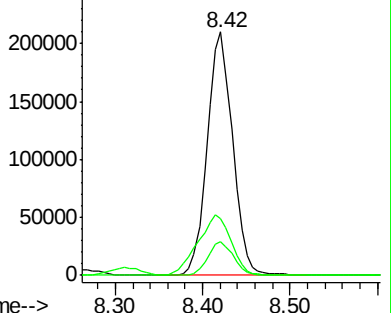
87 13.9 11.1 16.7



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: 49.668 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014613.D

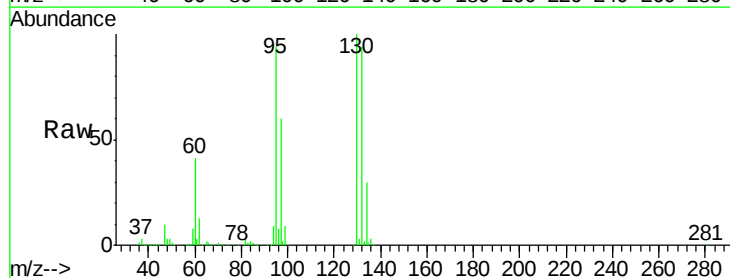
Acq: 13 Jan 2020 10:02

Tgt Ion: 130 Resp: 443012

Ion Ratio Lower Upper

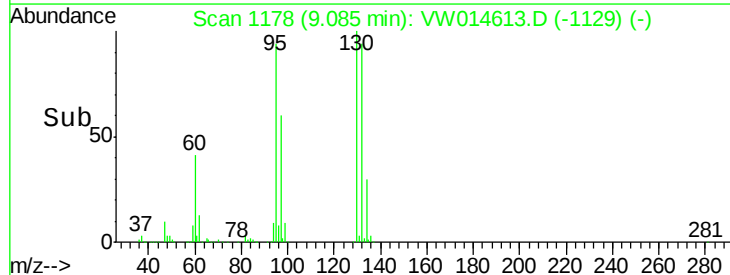
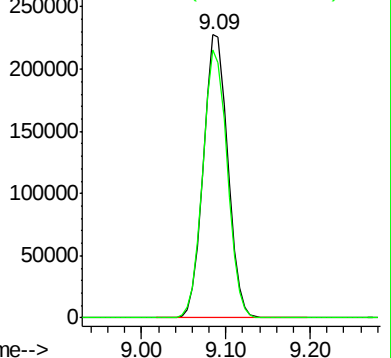
130 100

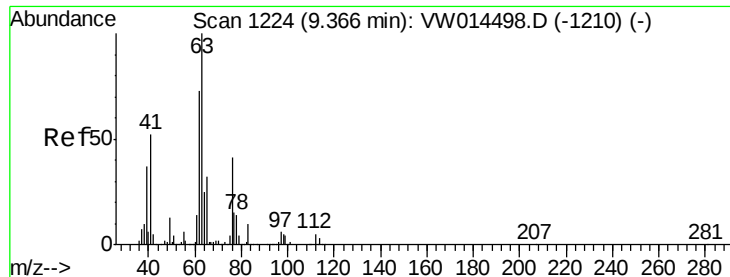
95 94.5 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 49.237 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

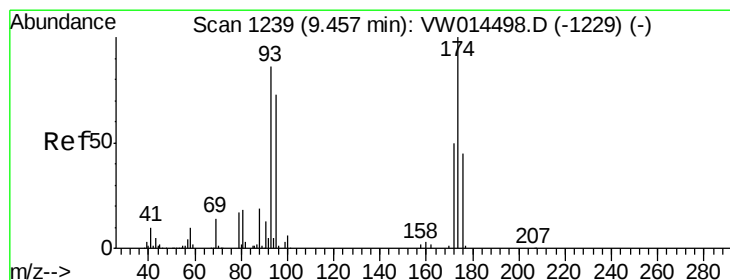
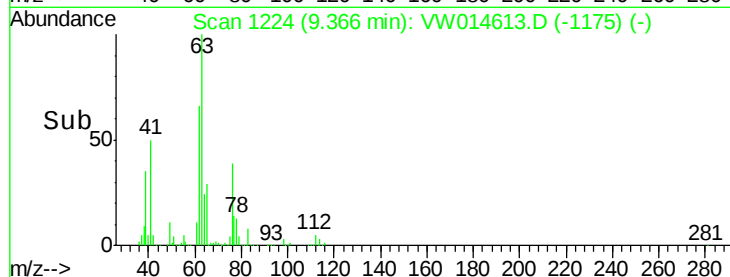
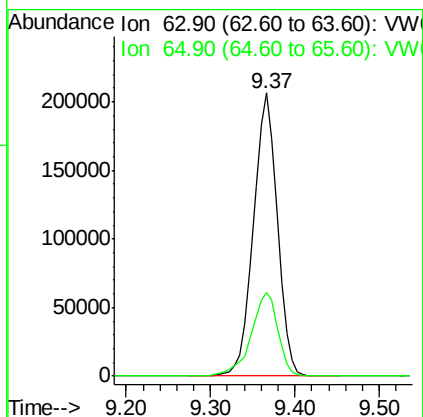
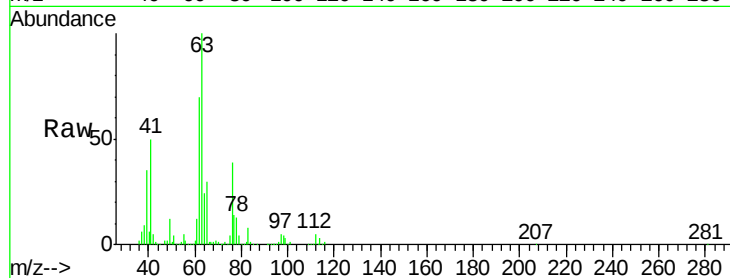
VSTDCCC050

Tgt Ion: 63 Resp: 398265

Ion Ratio Lower Upper

63 100

65 29.7 25.6 38.4



#46

Dibromomethane

Concen: 46.598 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

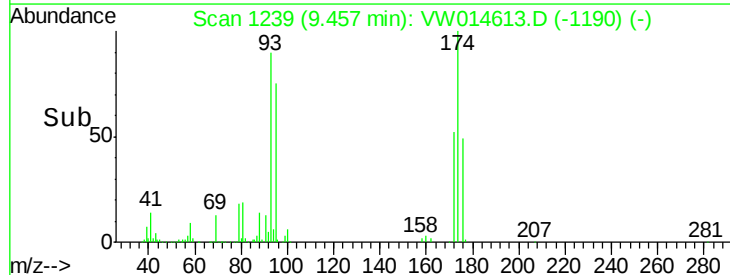
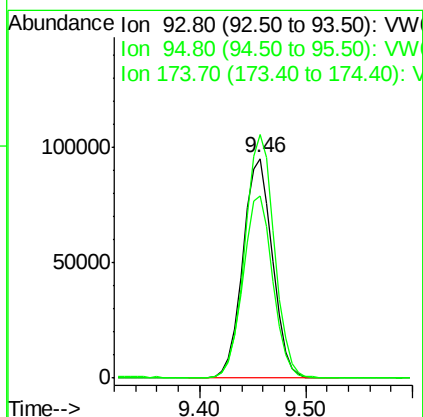
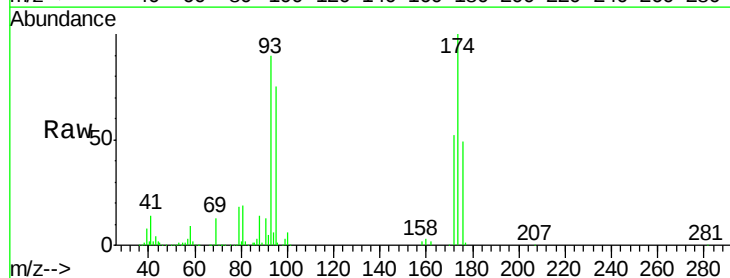
Tgt Ion: 93 Resp: 186071

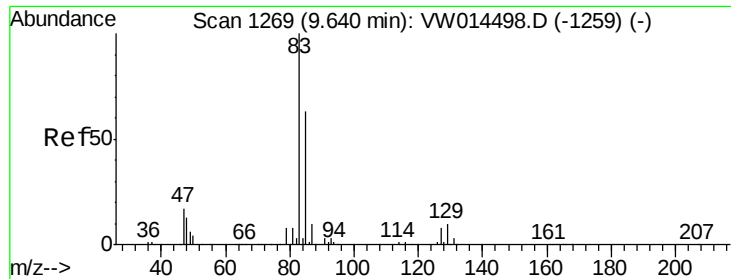
Ion Ratio Lower Upper

93 100

95 83.8 66.4 99.6

174 110.6 89.1 133.7

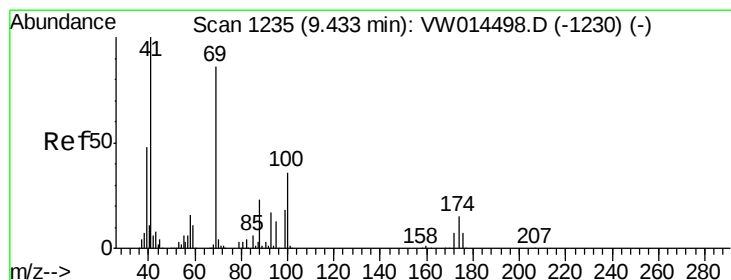
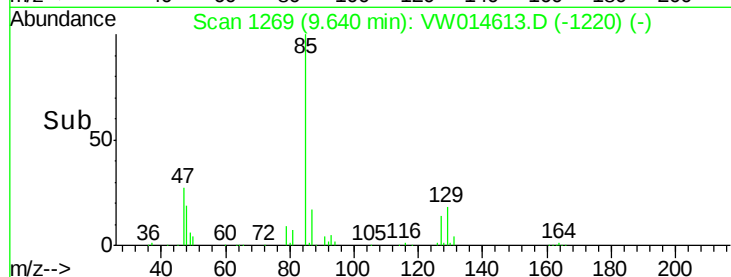
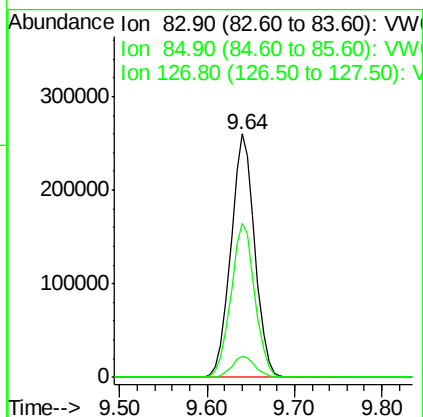
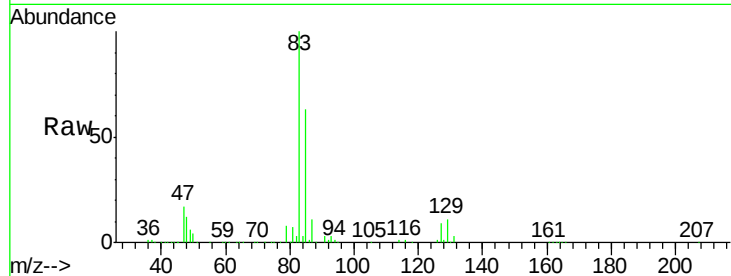




#47
 Bromodichloromethane
 Concen: 49.810 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

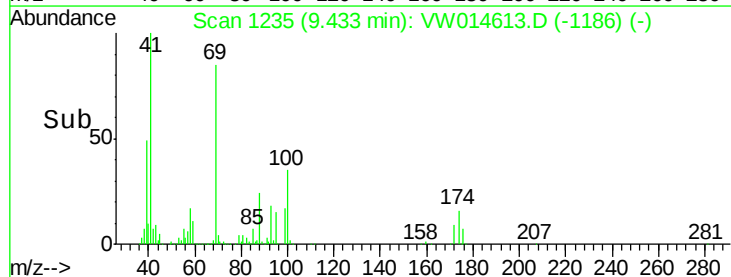
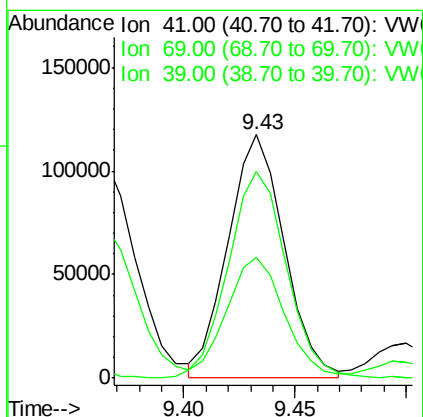
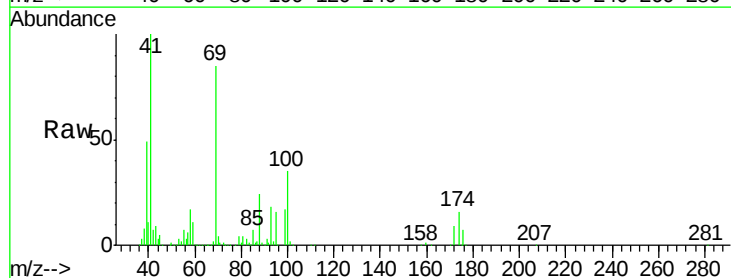
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

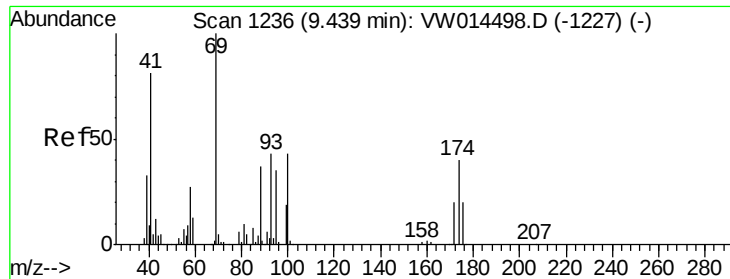
Tgt Ion: 83 Resp: 491050
 Ion Ratio Lower Upper
 83 100
 85 63.2 50.6 76.0
 127 8.5 6.6 9.8



#48
 Methyl methacrylate
 Concen: 44.044 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion: 41 Resp: 206325
 Ion Ratio Lower Upper
 41 100
 69 87.7 68.3 102.5
 39 47.1 36.8 55.2

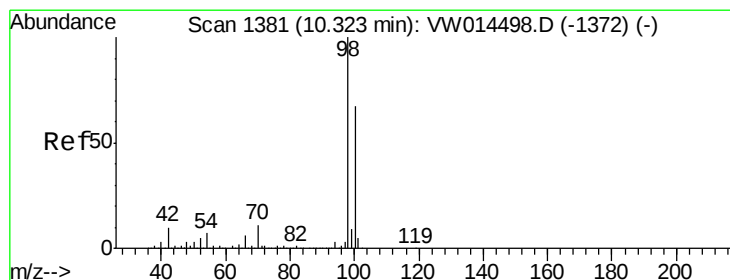
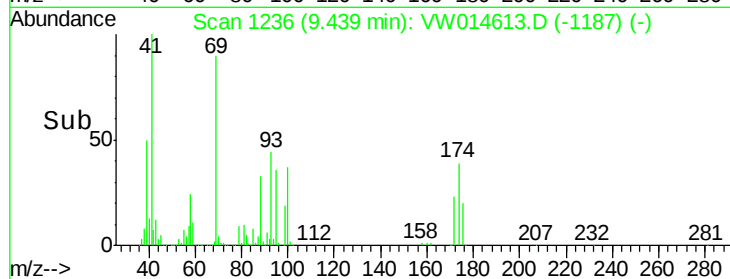
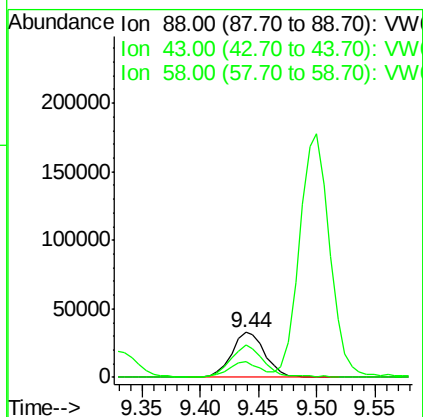
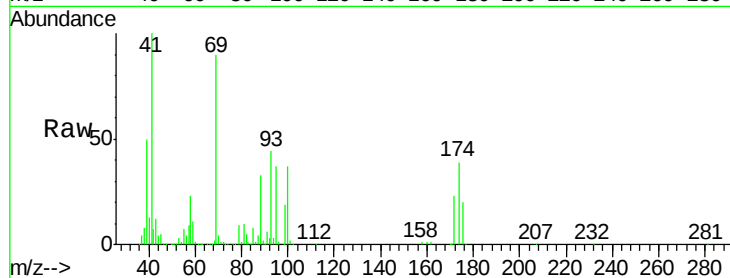




#49
1,4-Dioxane
Concen: 879.767 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

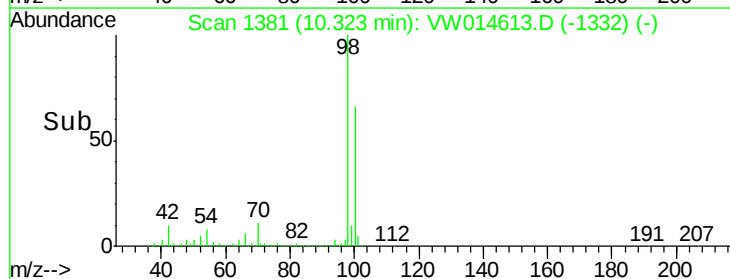
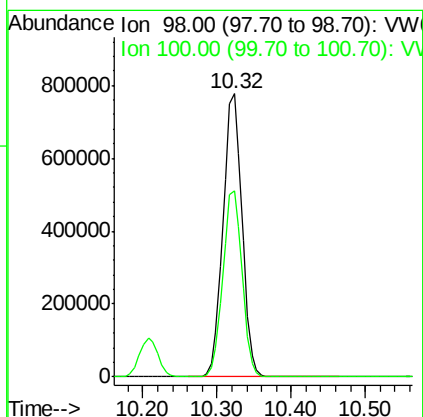
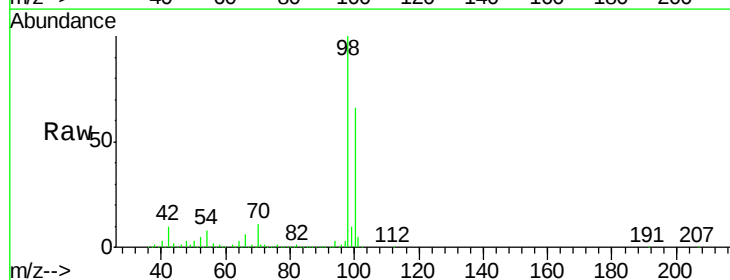
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

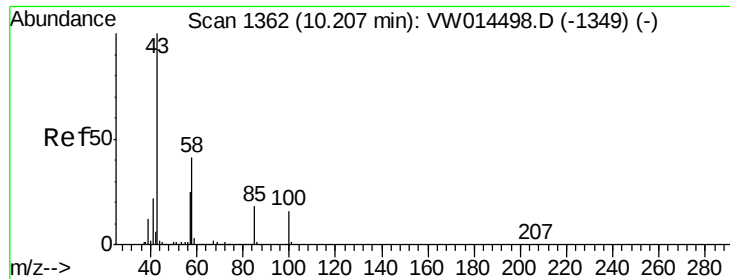
Tgt Ion: 88 Resp: 65706
Ion Ratio Lower Upper
88 100
43 33.2 24.9 37.3
58 73.2 56.9 85.3



#50
Toluene-d8
Concen: 47.986 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 98 Resp: 1383093
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6

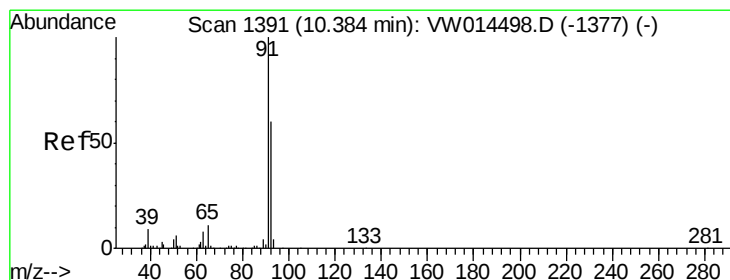
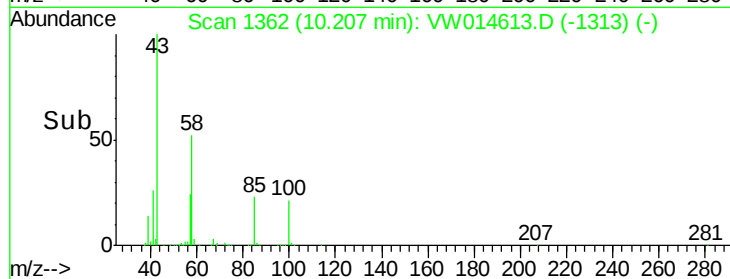
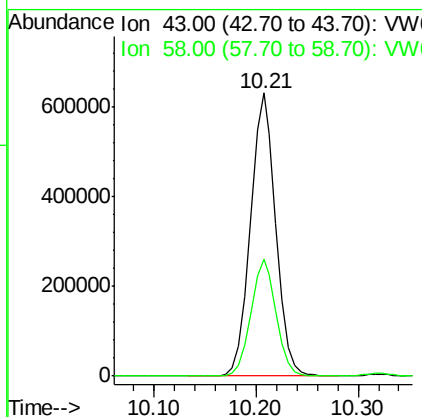
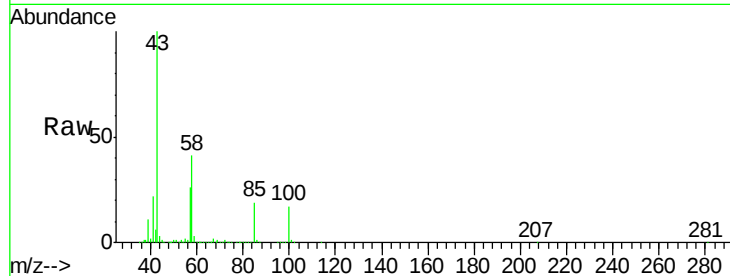




#51
 4-Methyl-2-Pentanone
 Concen: 218.301 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

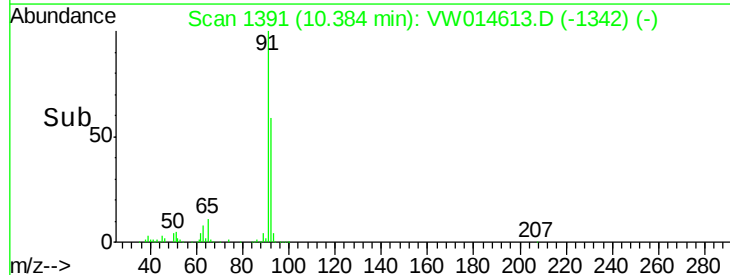
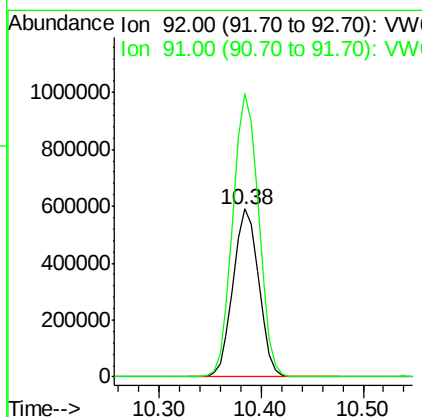
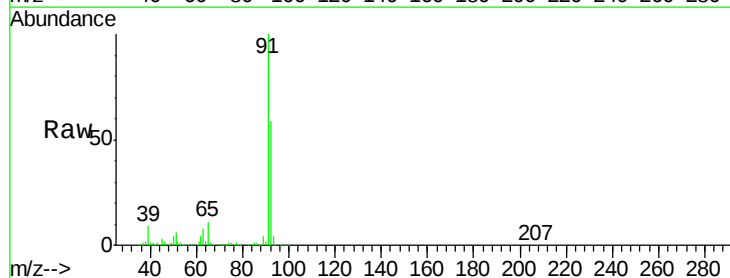
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

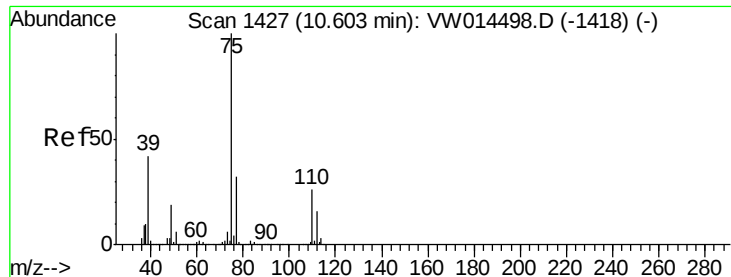
Tgt Ion: 43 Resp: 1087695
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.7 49.1



#52
 Toluene
 Concen: 49.284 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion: 92 Resp: 1022013
 Ion Ratio Lower Upper
 92 100
 91 170.3 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 48.645 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

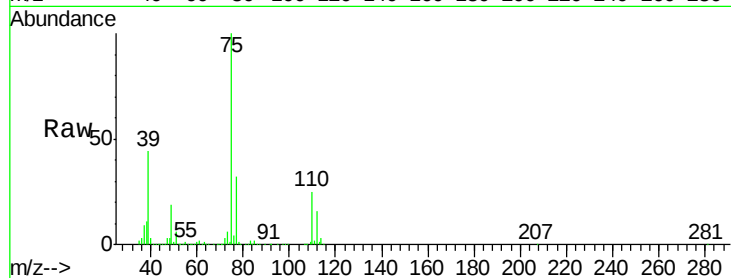
VSTDCCC050

Tgt Ion: 75 Resp: 496537

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

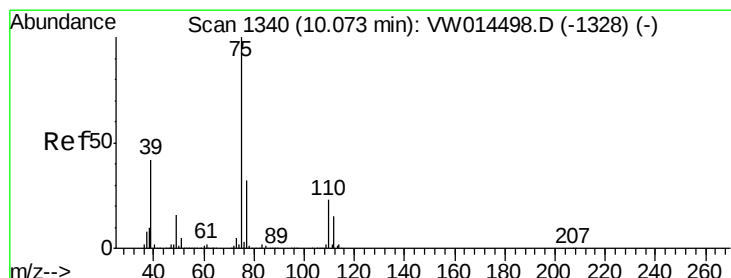
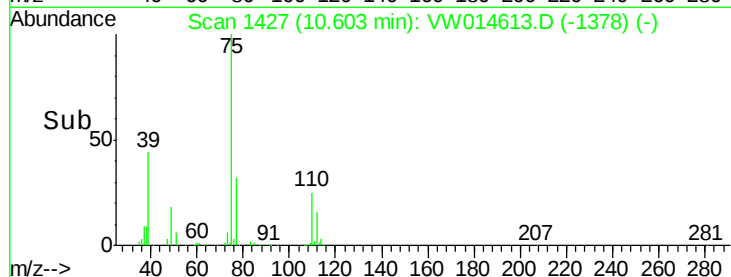
300000

200000

100000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 49.141 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

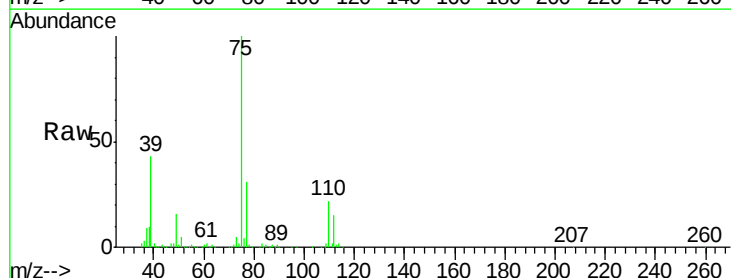
Tgt Ion: 75 Resp: 613044

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 42.8 33.4 50.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

400000

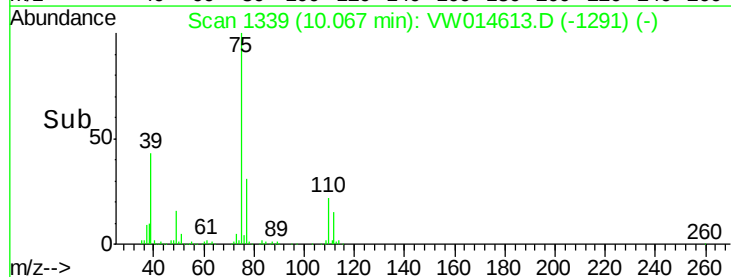
300000

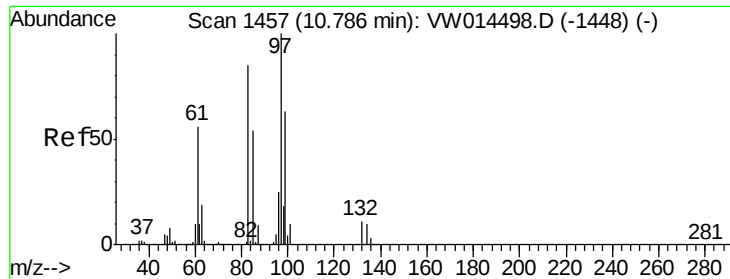
200000

100000

0

Time--> 10.00 10.10 10.20





#55

1,1,2-Trichloroethane

Concen: 47.371 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 276263

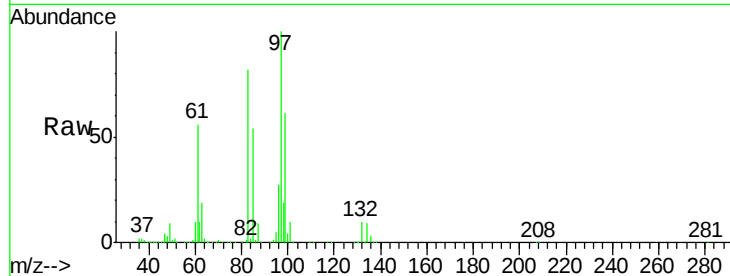
Ion Ratio Lower Upper

97 100

83 82.1 68.2 102.4

85 54.1 43.0 64.4

99 60.9 50.1 75.1



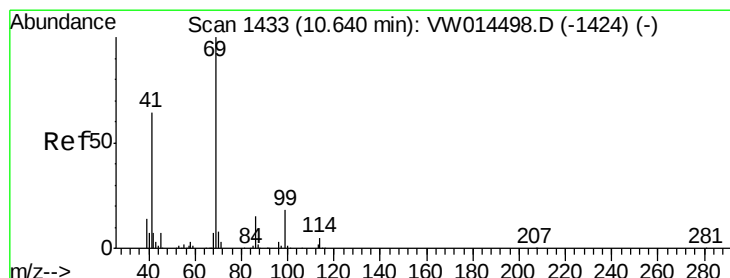
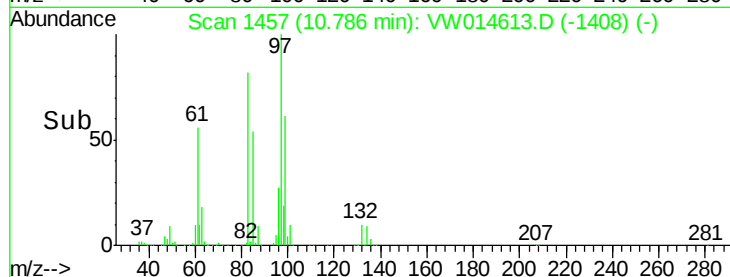
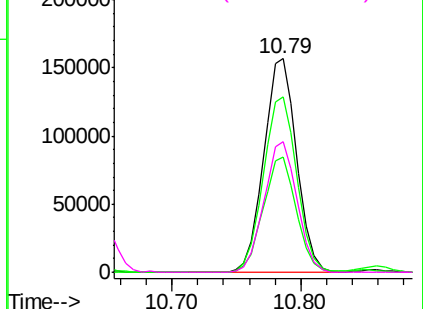
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 46.967 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

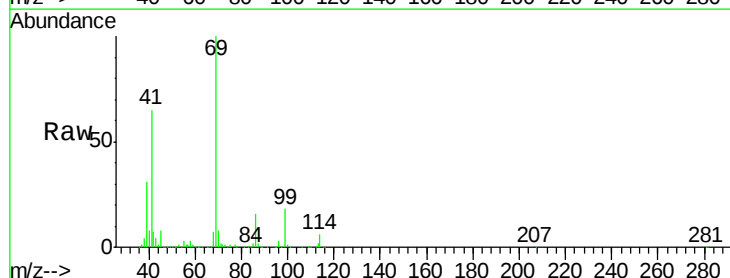
Tgt Ion: 69 Resp: 355970

Ion Ratio Lower Upper

69 100

41 63.9 51.3 76.9

39 26.5 21.0 31.6

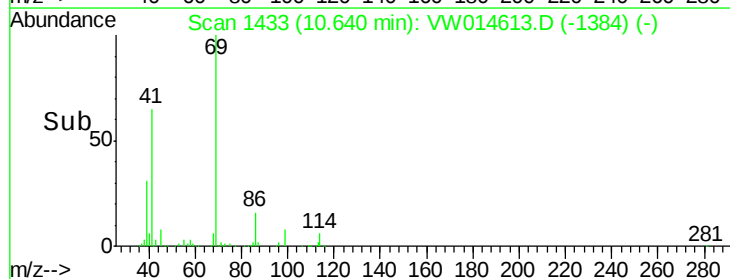
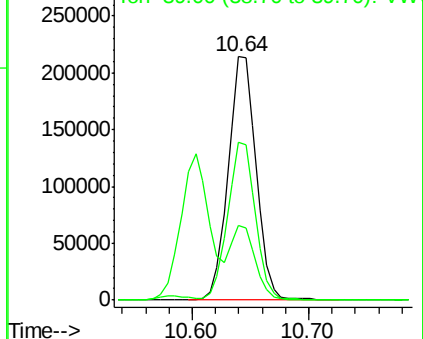


Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

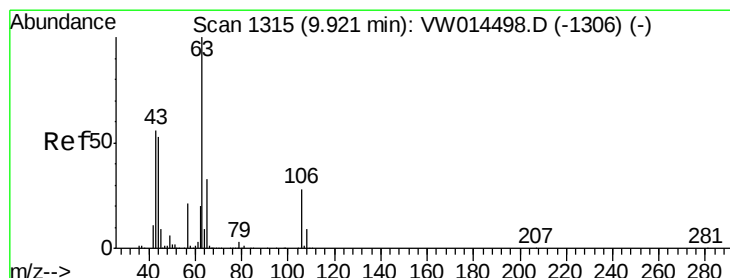
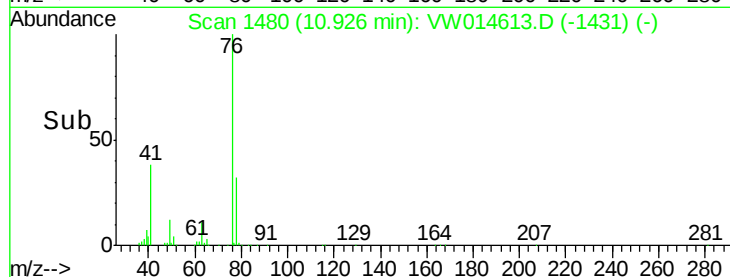
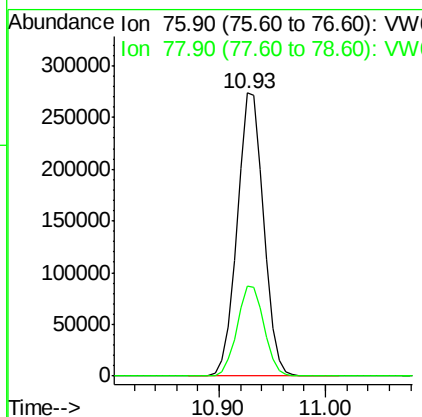
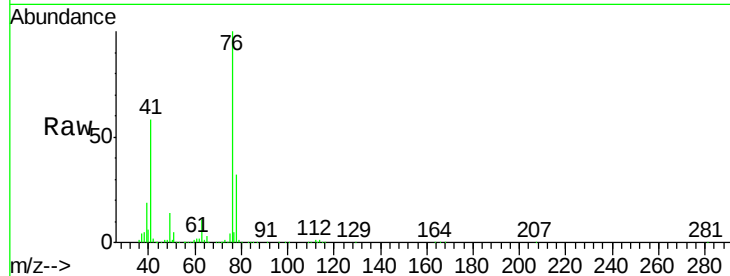




#57
 1,3-Dichloropropane
 Concen: 46.613 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

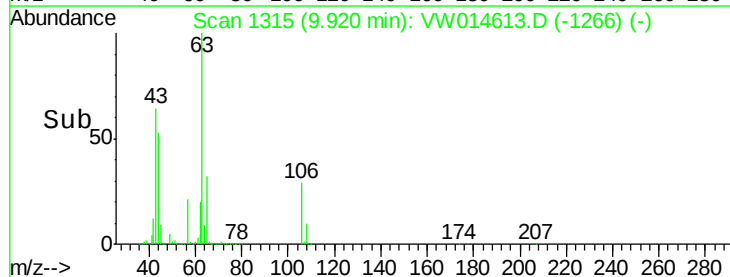
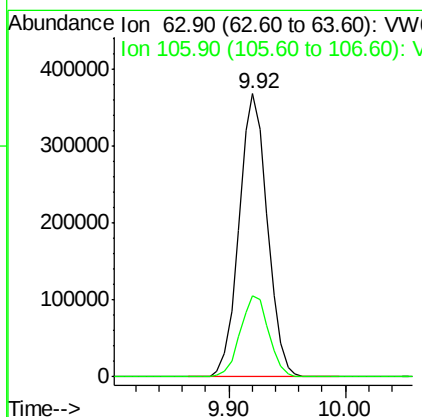
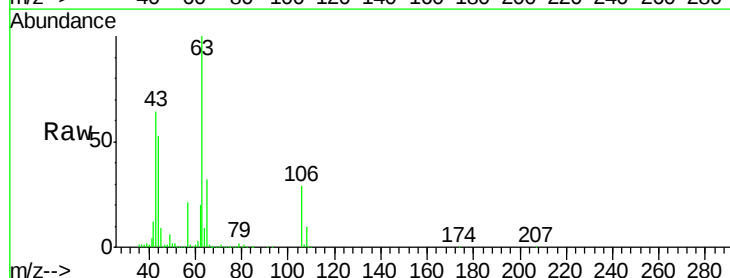
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

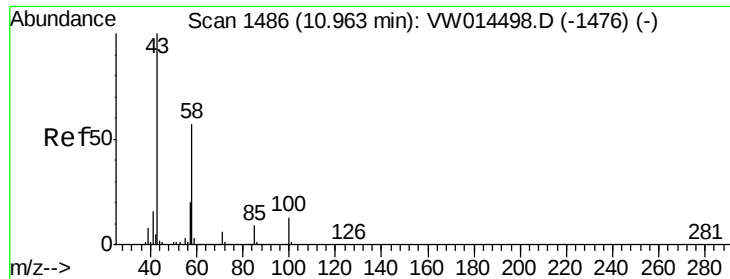
Tgt Ion: 76 Resp: 477769
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.241 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion: 63 Resp: 625227
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.0 34.6

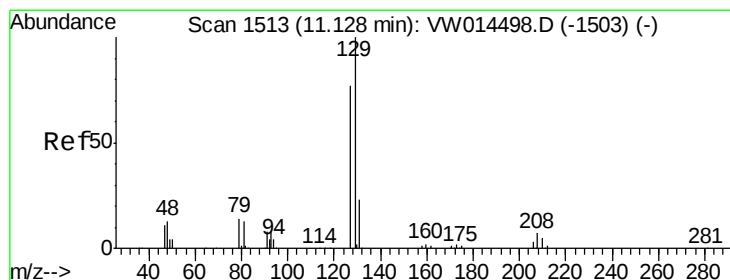
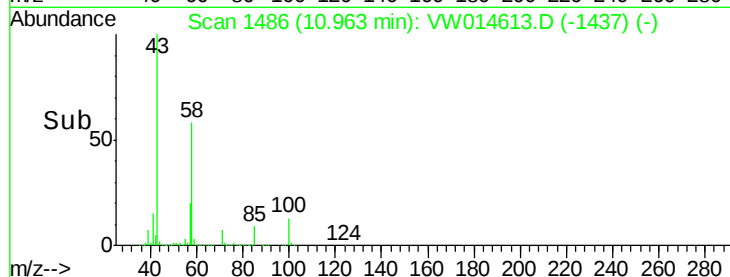
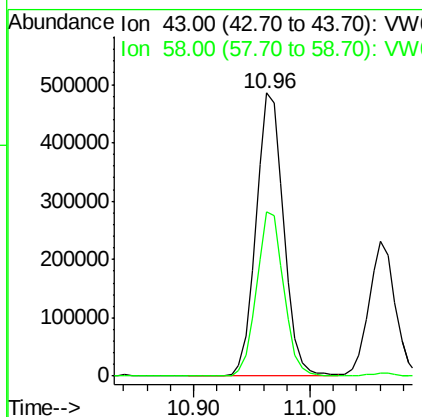
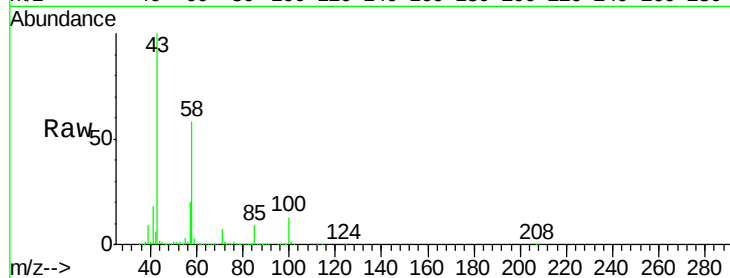




#59
2-Hexanone
Concen: 233.937 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

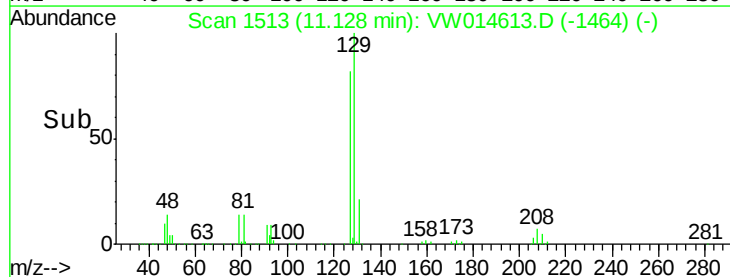
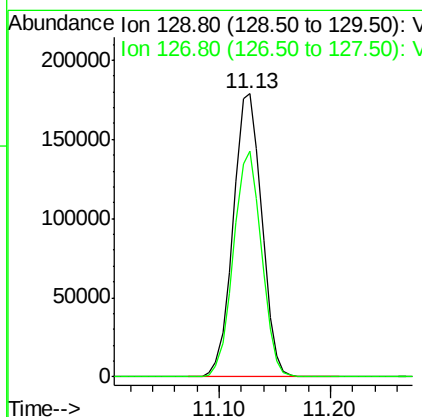
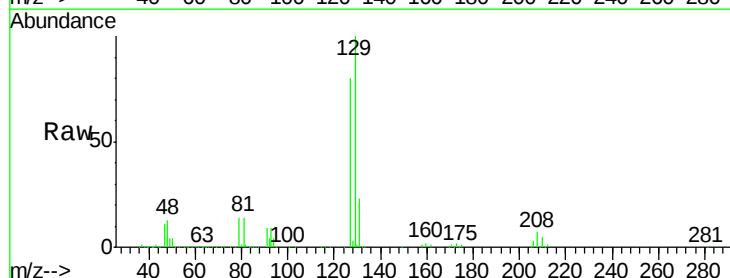
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

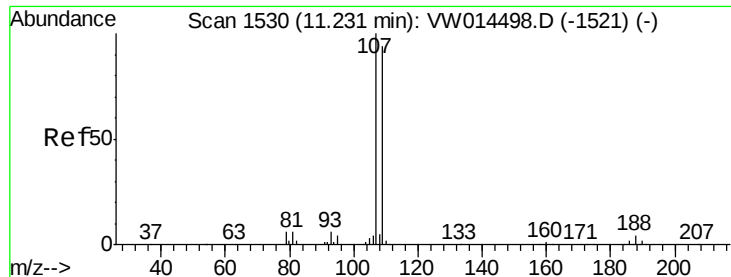
Tgt Ion: 43 Resp: 803203
Ion Ratio Lower Upper
43 100
58 57.0 28.7 86.3



#60
Dibromochloromethane
Concen: 48.281 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 129 Resp: 317694
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 46.053 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

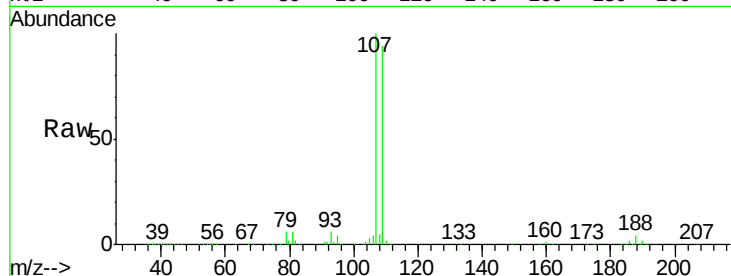
VSTDCCC050

Tgt Ion: 107 Resp: 254943

Ion Ratio Lower Upper

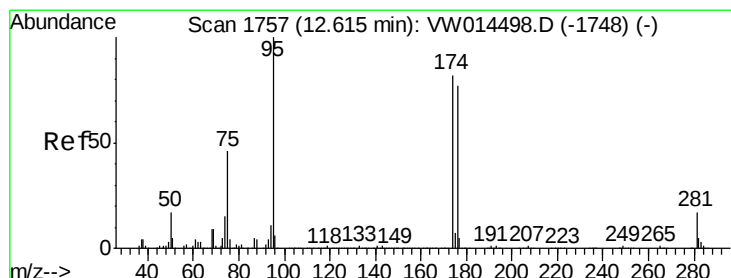
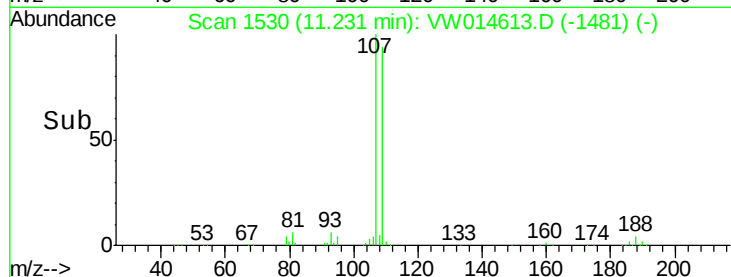
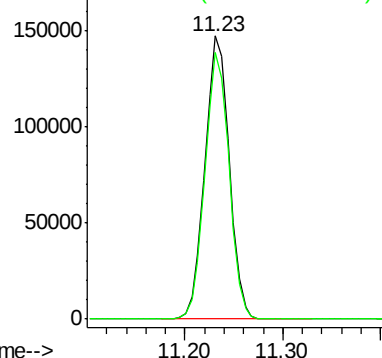
107 100

109 93.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.176 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

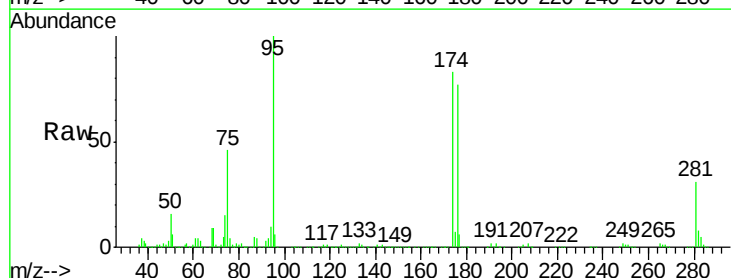
Tgt Ion: 95 Resp: 461209

Ion Ratio Lower Upper

95 100

174 85.9 0.0 168.6

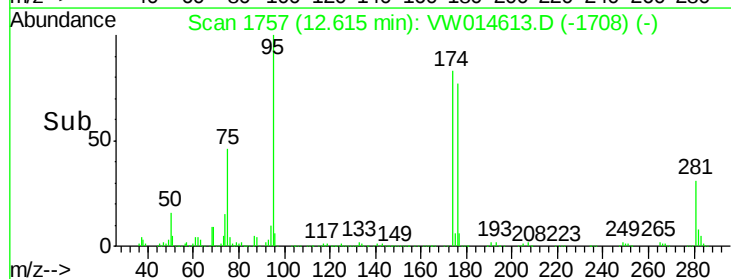
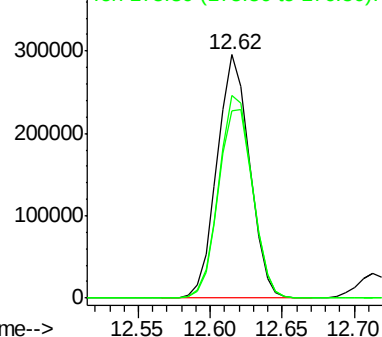
176 82.5 0.0 162.0

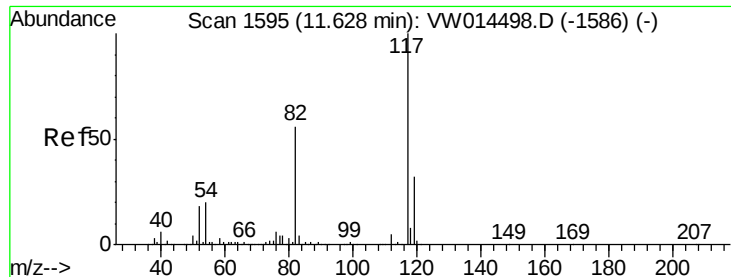


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

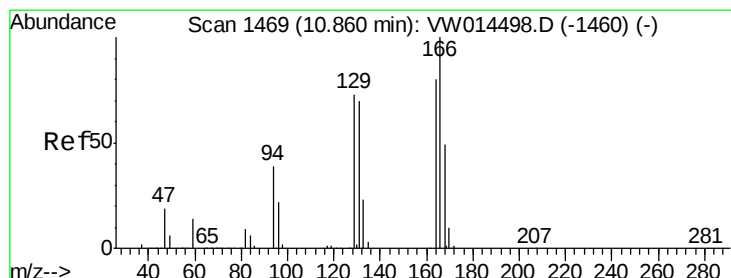
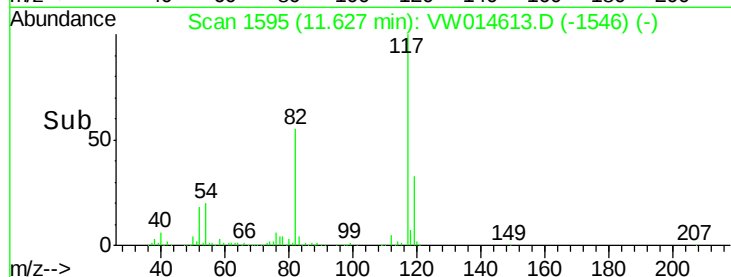
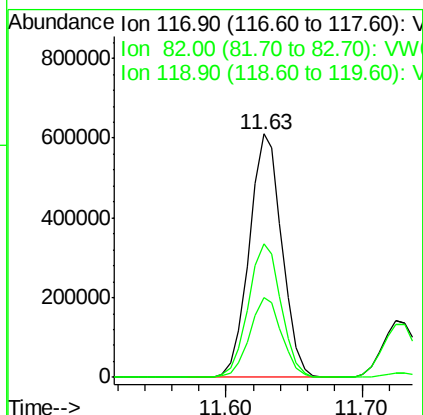
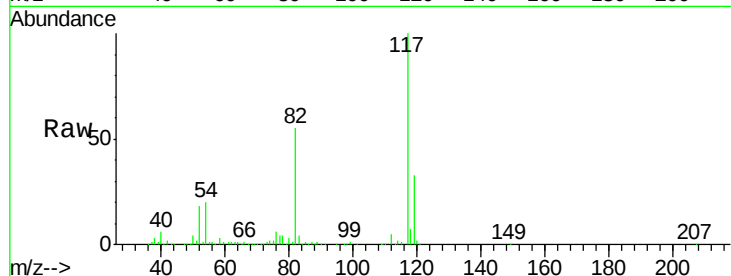




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

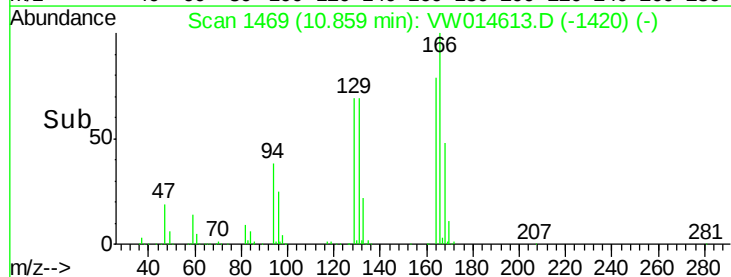
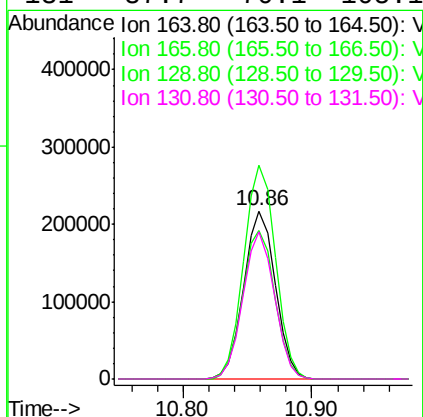
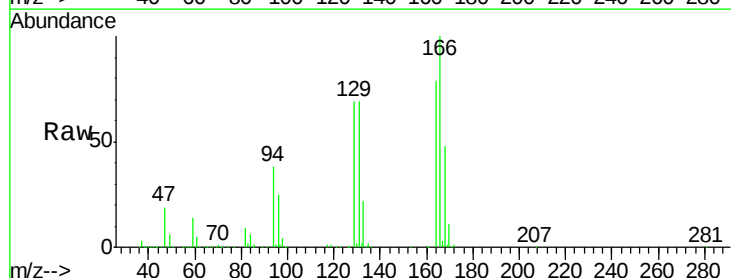
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

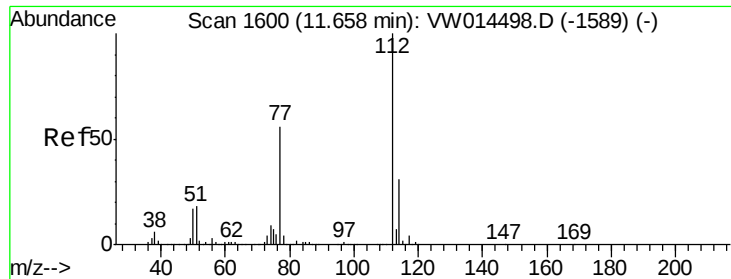
Tgt Ion:117 Resp: 1026609
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 49.613 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:164 Resp: 368739
Ion Ratio Lower Upper
164 100
166 127.3 99.8 149.6
129 88.2 72.4 108.6
131 87.7 70.1 105.1

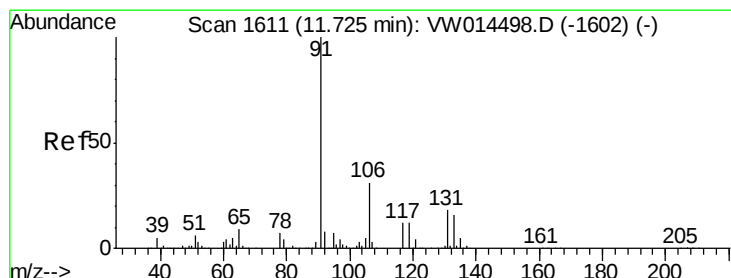
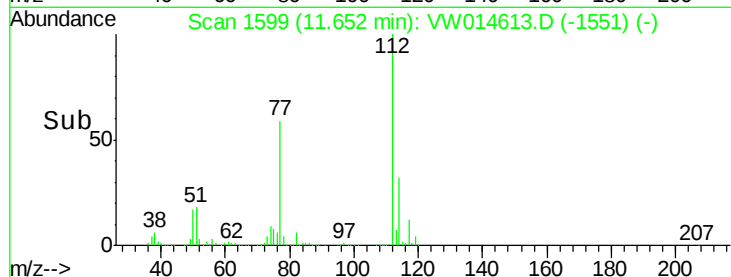
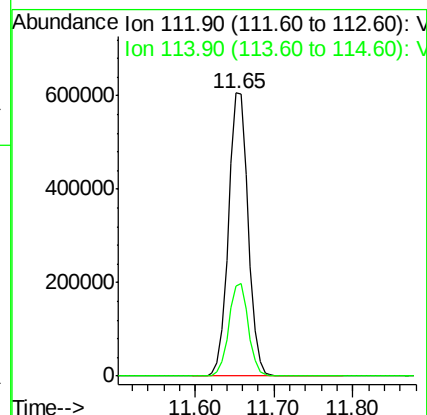
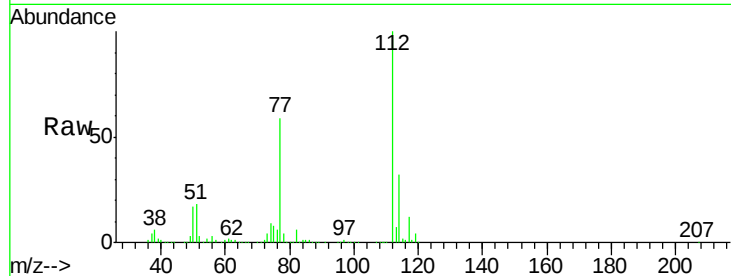




#65
Chlorobenzene
Concen: 49.647 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

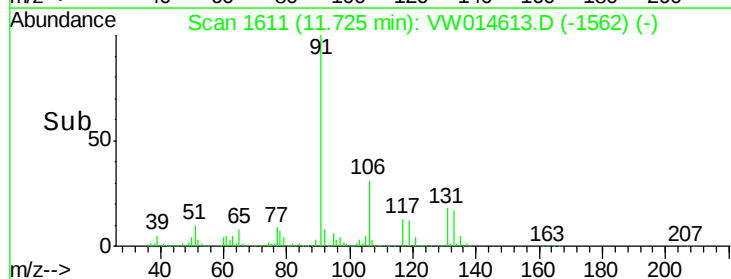
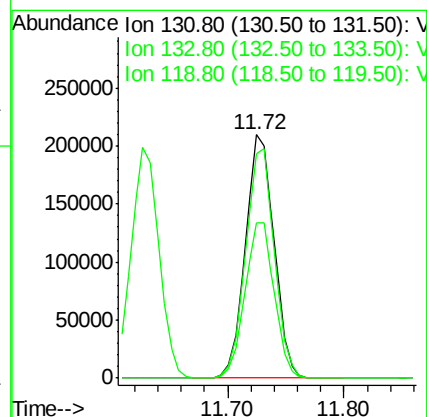
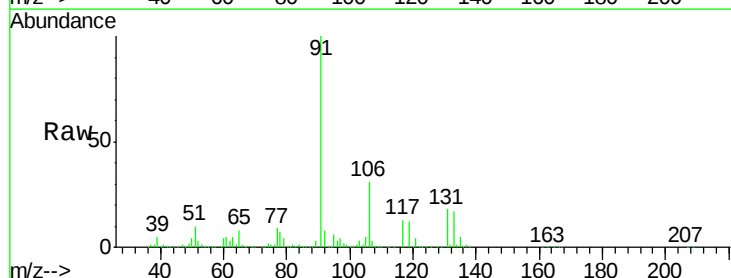
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

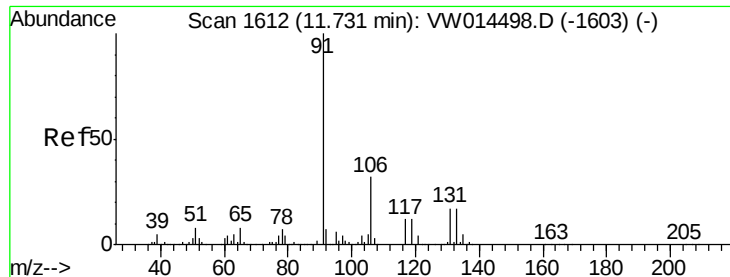
Tgt Ion:112 Resp: 1044175
Ion Ratio Lower Upper
112 100
114 31.9 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.948 ug/l
RT: 11.72 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:131 Resp: 360781
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 65.1 33.1 99.3

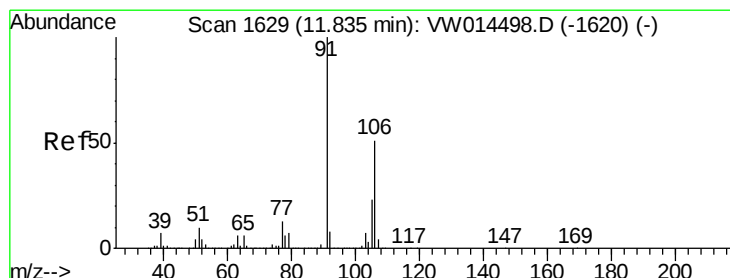
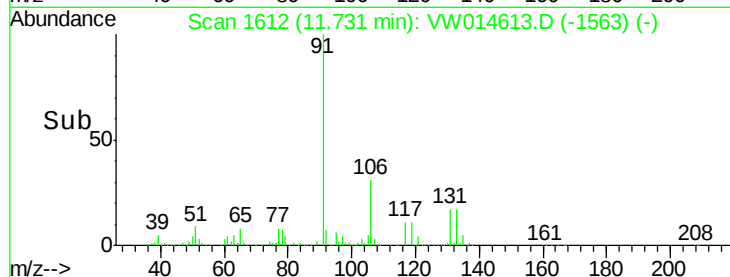
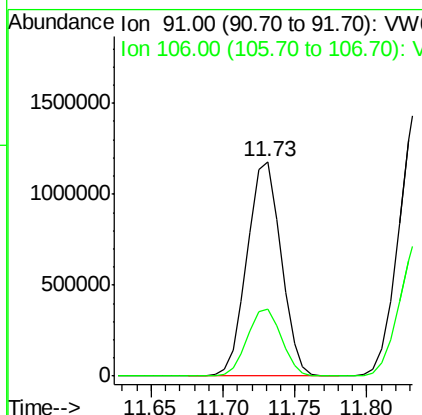
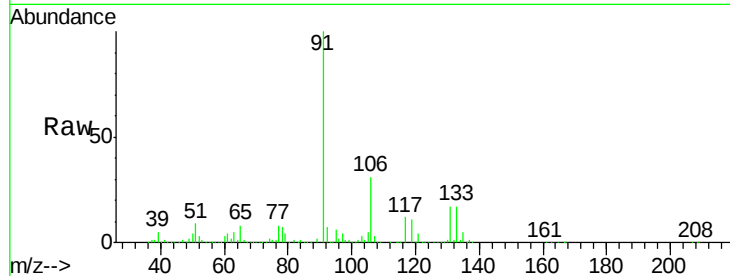




#67
Ethyl Benzene
Concen: 50.978 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

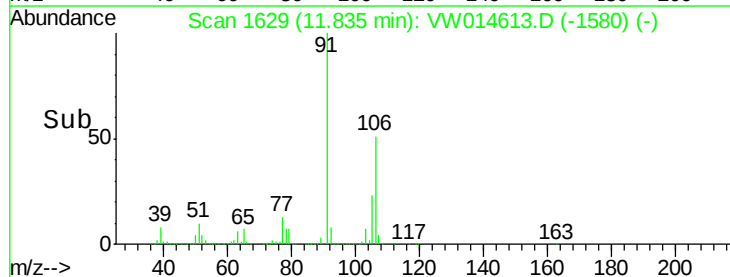
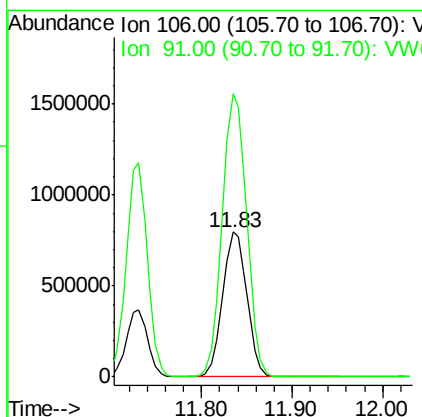
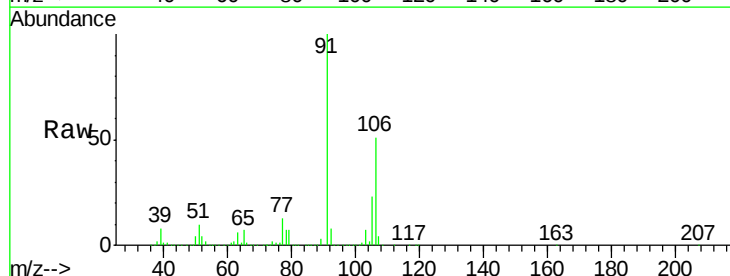
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1932227
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 101.848 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 106 Resp: 1477450
Ion Ratio Lower Upper
106 100
91 197.3 159.0 238.6

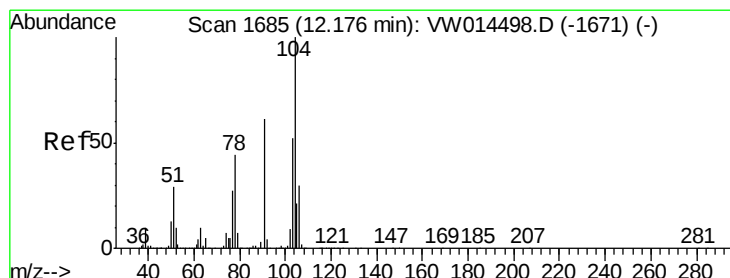
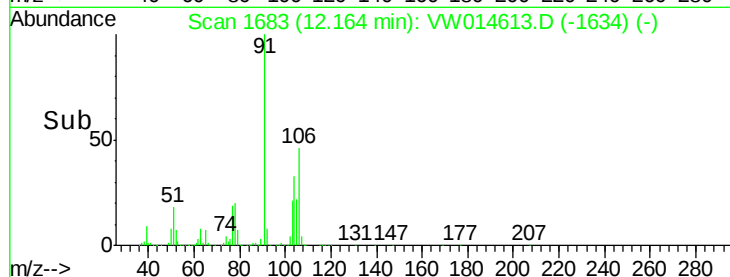
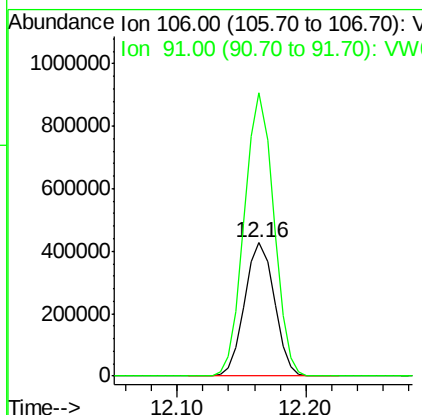
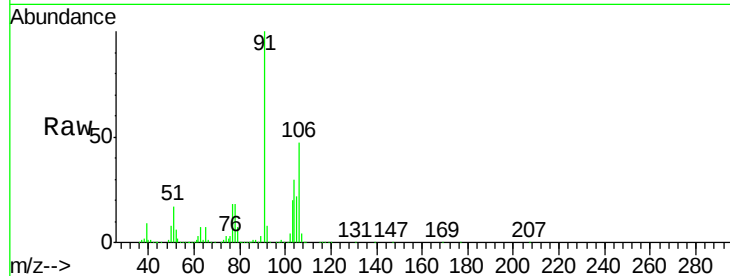




#69
o-Xylene
Concen: 50.991 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

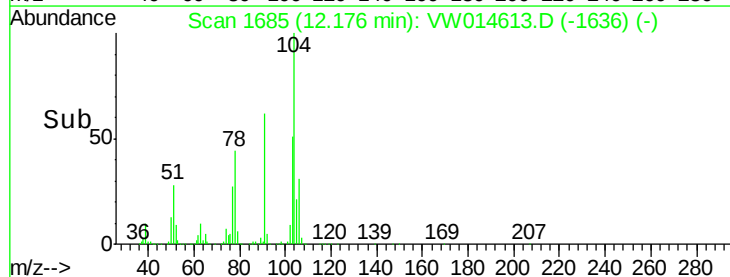
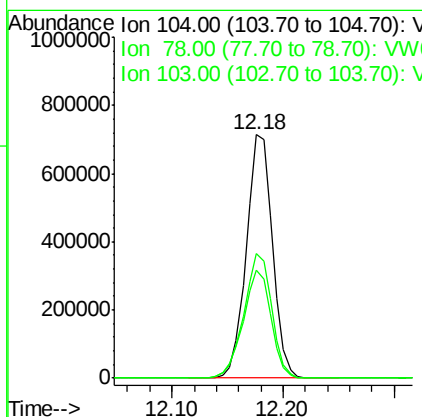
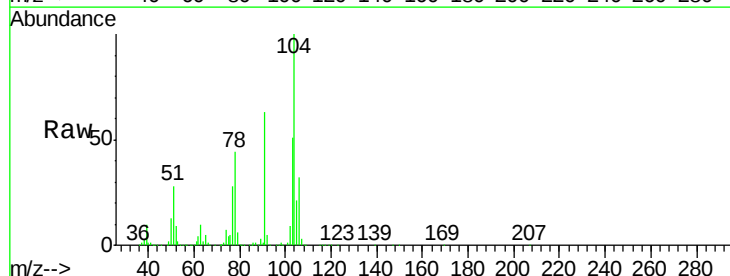
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 683268
Ion Ratio Lower Upper
106 100
91 210.0 105.2 315.6



#70
Styrene
Concen: 51.407 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:104 Resp: 1165109
Ion Ratio Lower Upper
104 100
78 47.5 38.4 57.6
103 54.3 43.7 65.5





#71

Bromoform

Concen: 47.279 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

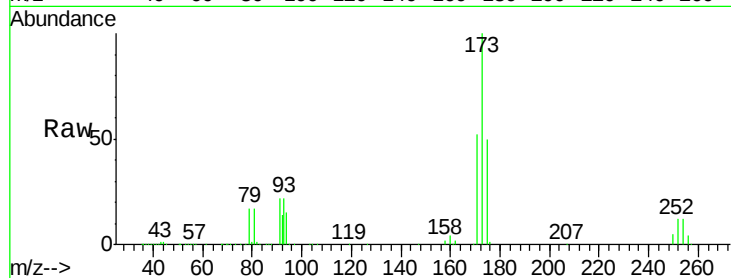
Tgt Ion:173 Resp: 182618

Ion Ratio Lower Upper

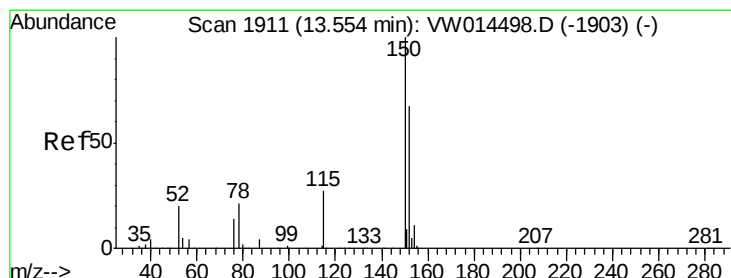
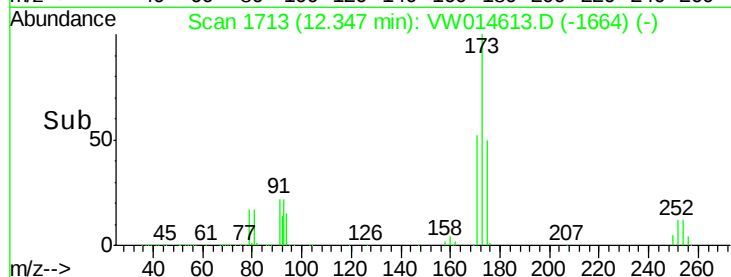
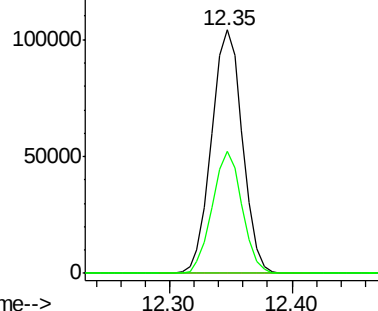
173 100

175 48.4 24.5 73.5

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

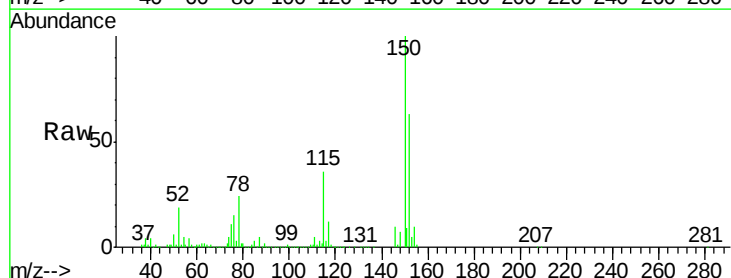
Tgt Ion:152 Resp: 502856

Ion Ratio Lower Upper

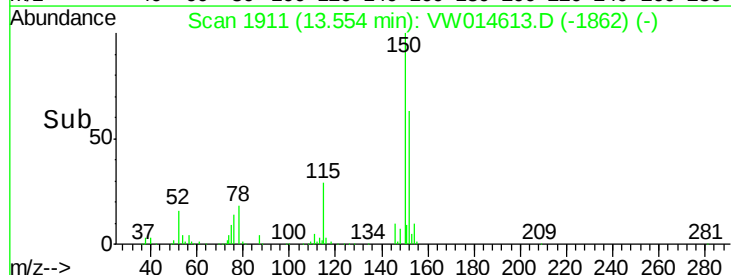
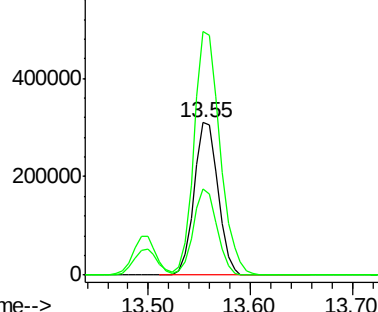
152 100

115 55.9 27.7 83.1

150 173.6 0.0 343.4



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





#73

Isopropylbenzene

Concen: 51.696 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

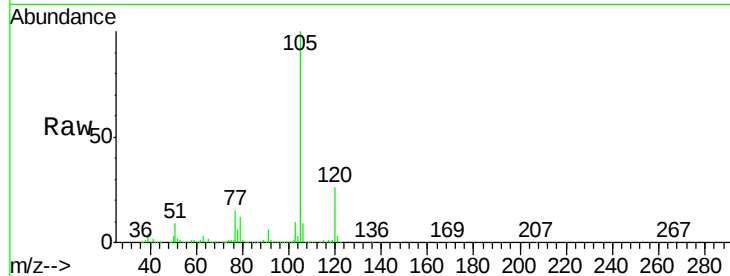
VSTDCCC050

Tgt Ion:105 Resp: 1907443

Ion Ratio Lower Upper

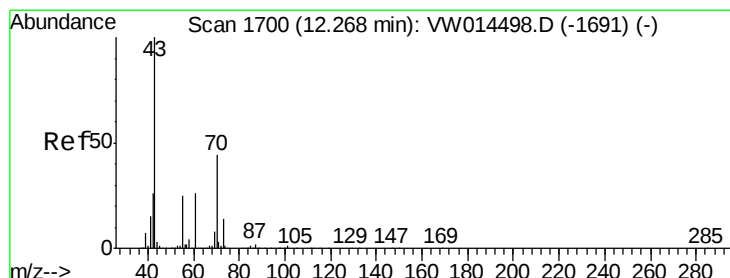
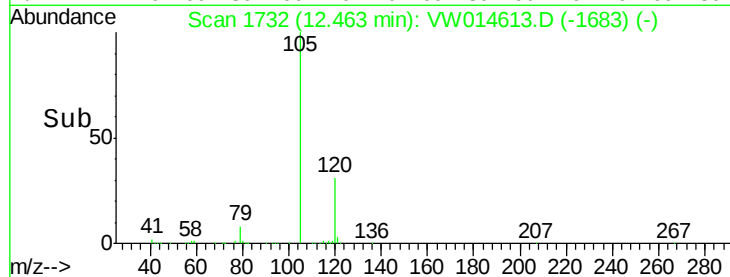
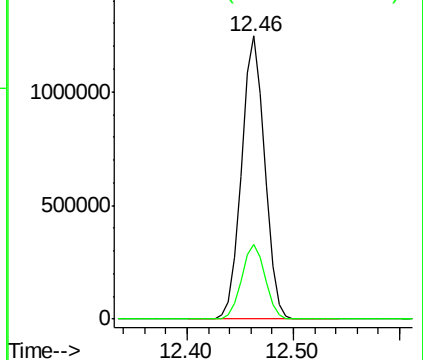
105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.725 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Tgt Ion: 43 Resp: 378285

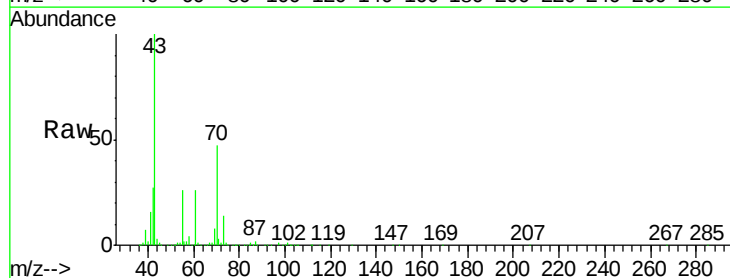
Ion Ratio Lower Upper

43 100

70 46.4 36.5 54.7

55 26.7 20.9 31.3

61 25.8 20.7 31.1

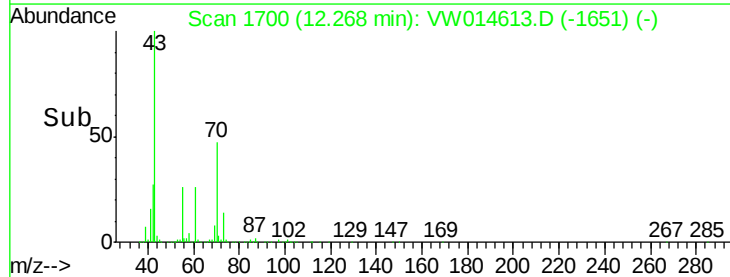
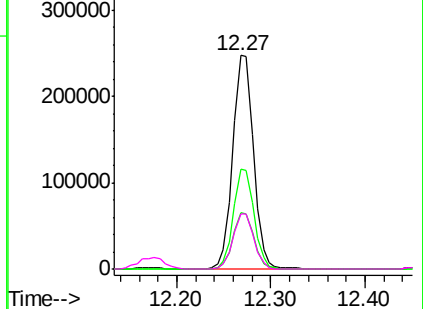


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 45.058 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

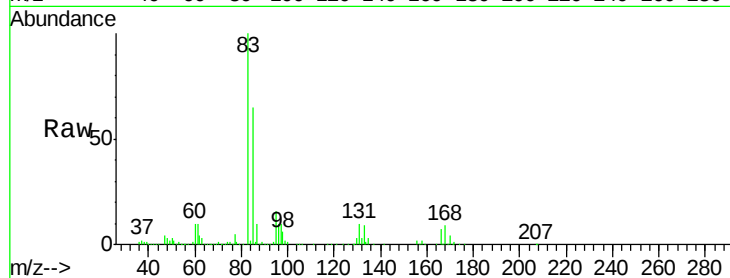
Tgt Ion: 83 Resp: 300073

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

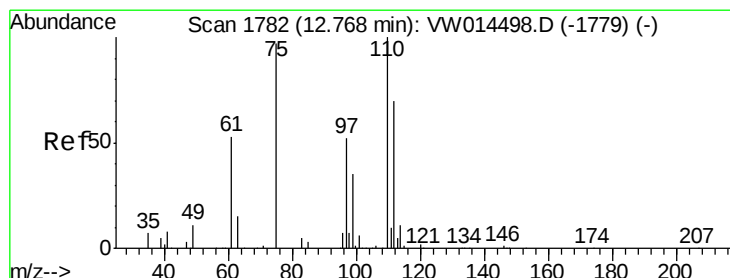
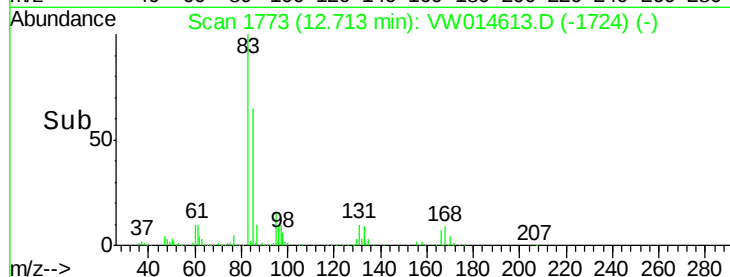
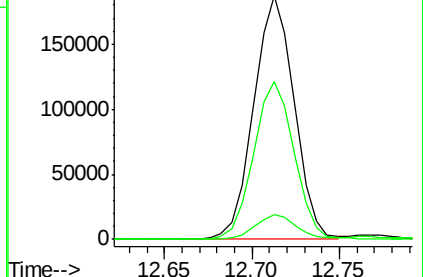
85 64.9 31.9 95.7



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: 80.965 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014613.D

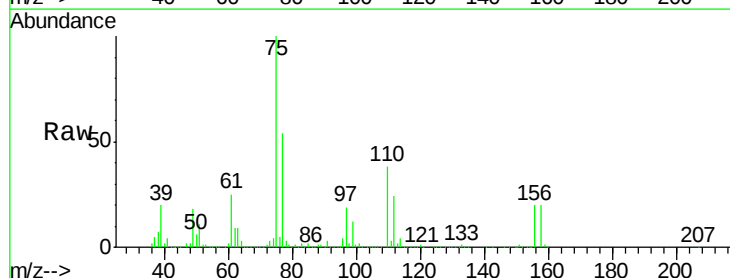
Acq: 13 Jan 2020 10:02

Tgt Ion: 75 Resp: 384943

Ion Ratio Lower Upper

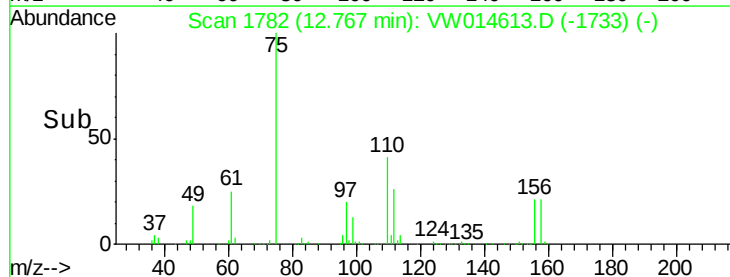
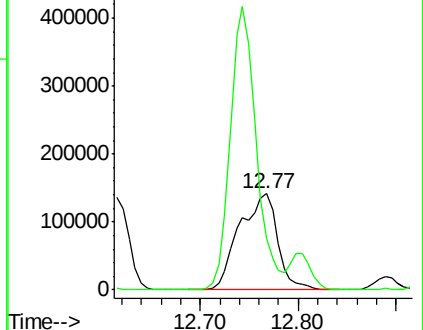
75 100

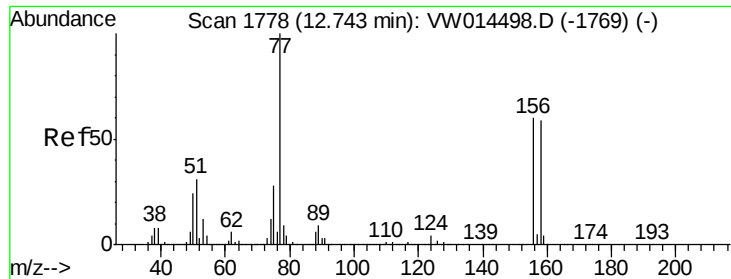
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

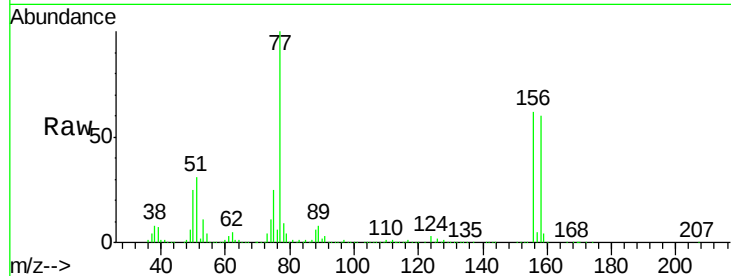




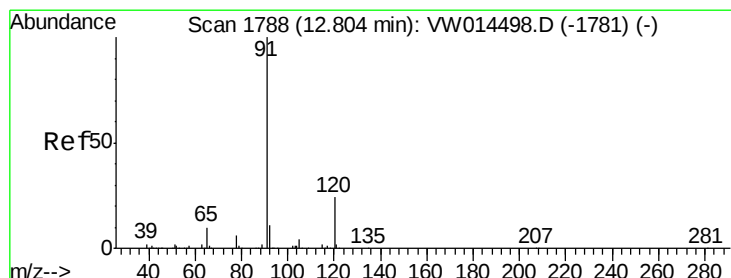
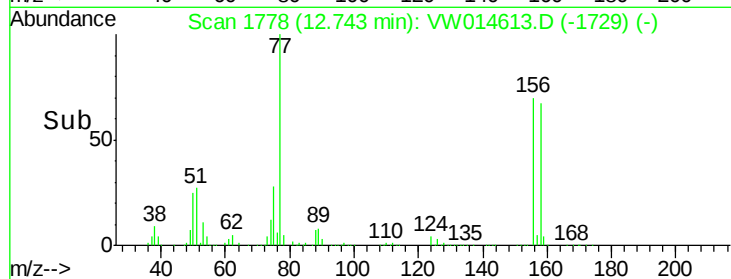
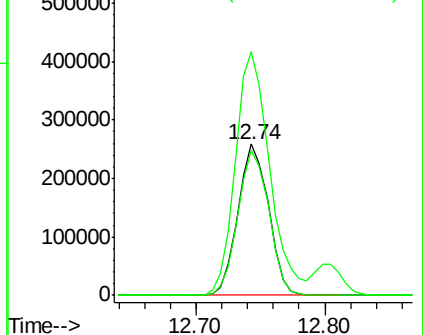
#77
Bromobenzene
Concen: 49.621 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 425231
Ion Ratio Lower Upper
156 100
77 181.7 92.3 277.1
158 97.2 48.6 145.9

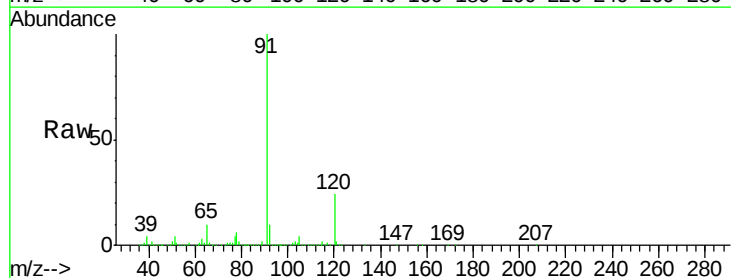


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

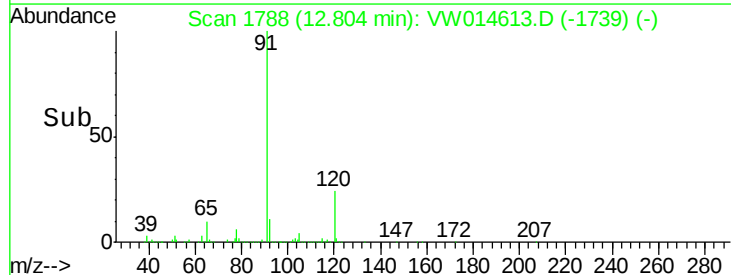
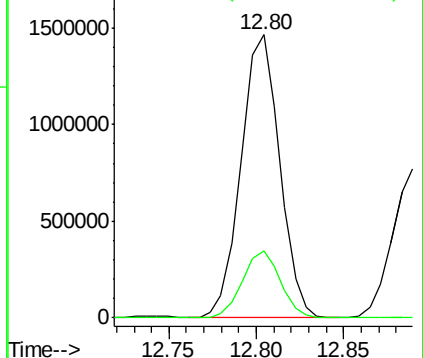


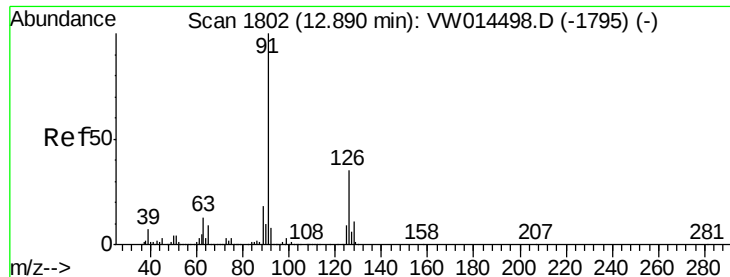
#78
n-propylbenzene
Concen: 51.774 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion: 91 Resp: 2246344
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.256 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

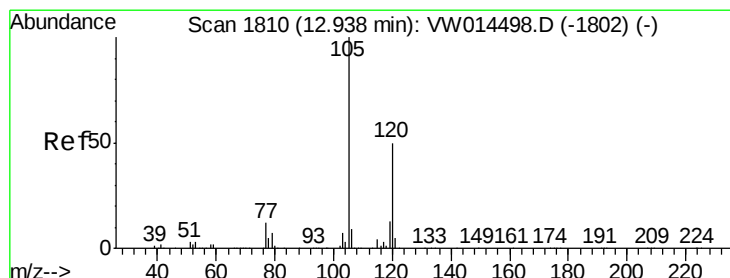
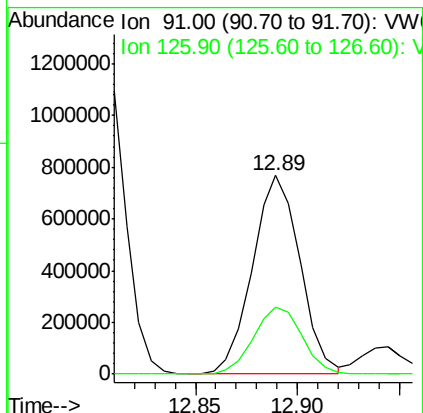
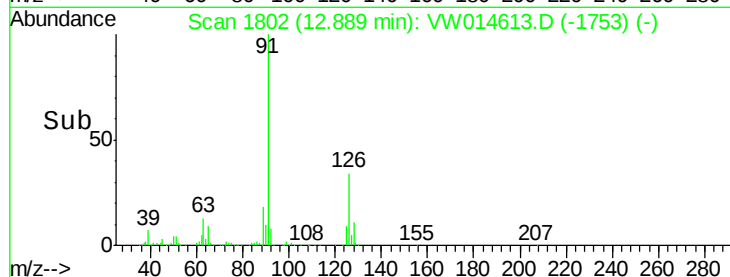
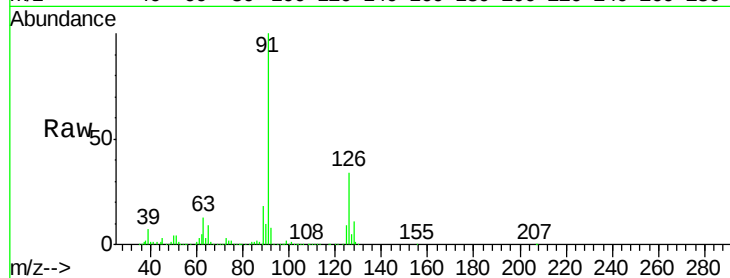
VSTDCCC050

Tgt Ion: 91 Resp: 1240856

Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 51.246 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014613.D

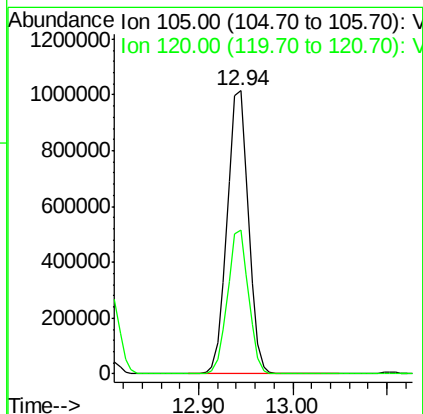
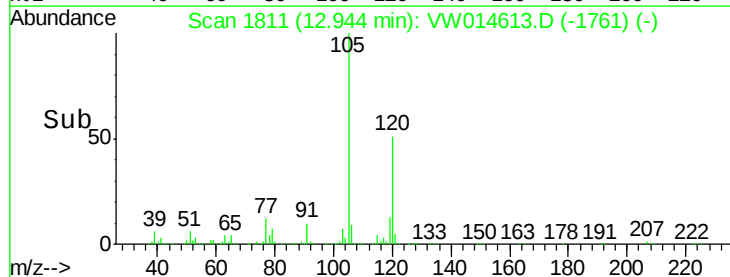
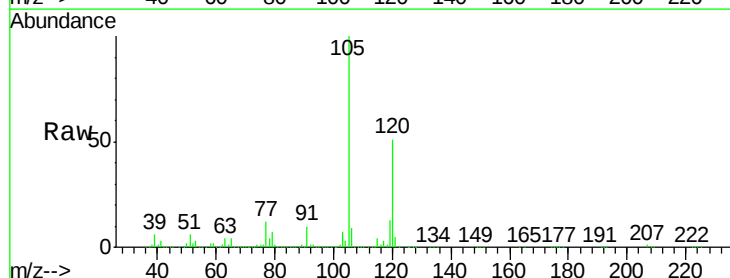
Acq: 13 Jan 2020 10:02

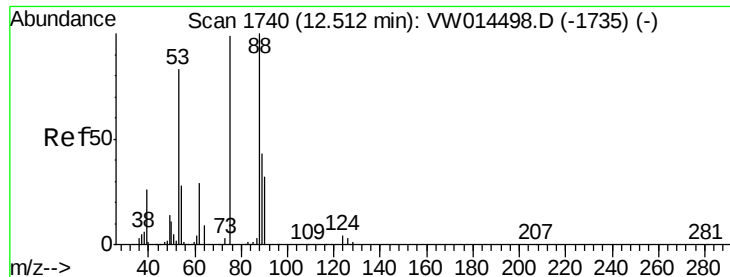
Tgt Ion: 105 Resp: 1587599

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.248 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

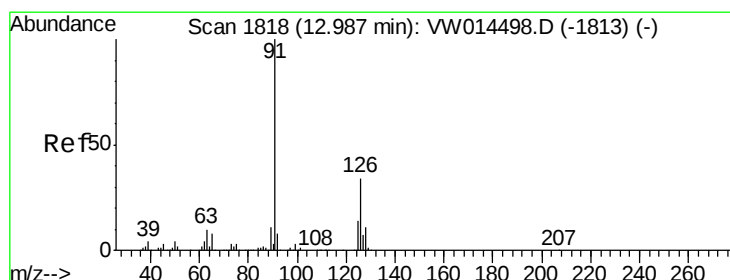
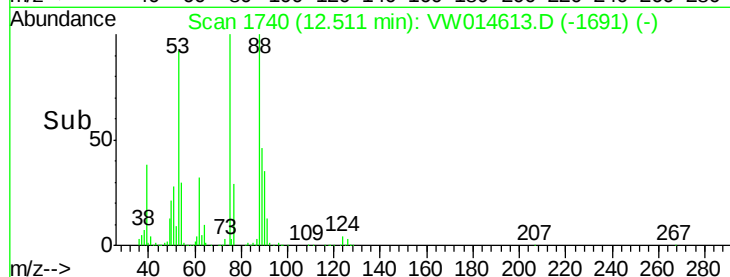
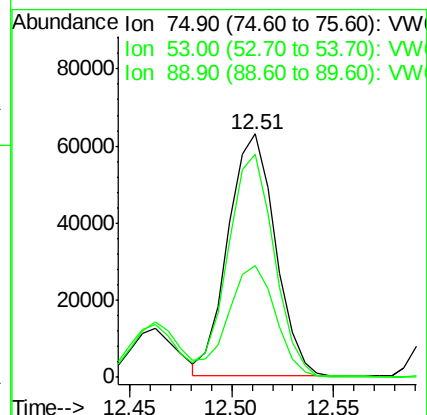
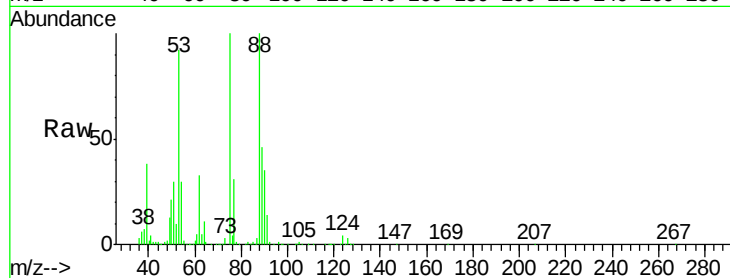
Tgt Ion: 75 Resp: 100822

Ion Ratio Lower Upper

75 100

53 90.4 70.9 106.3

89 46.9 35.8 53.8



#82

4-Chlorotoluene

Concen: 50.618 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014613.D

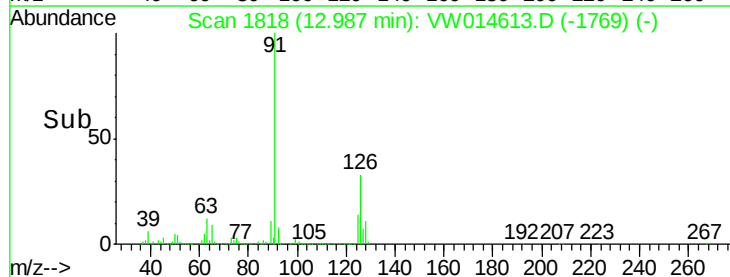
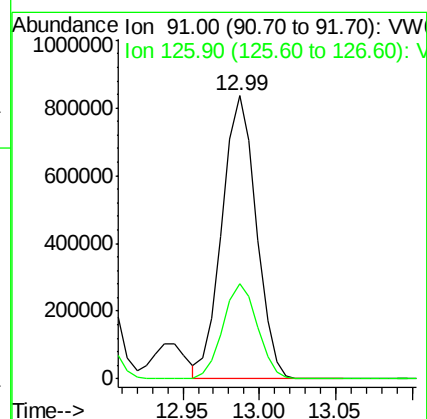
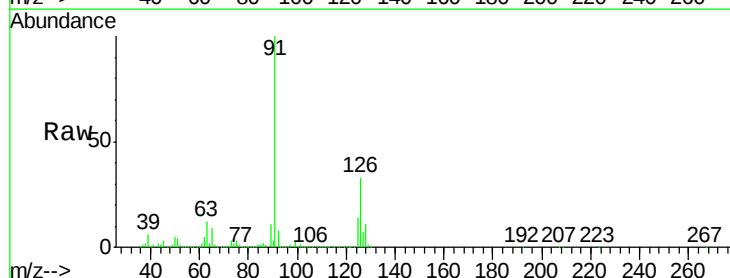
Acq: 13 Jan 2020 10:02

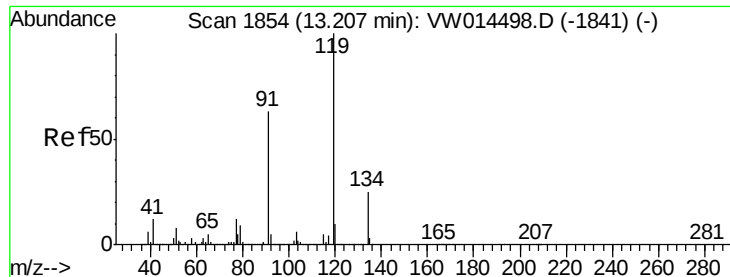
Tgt Ion: 91 Resp: 1298451

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2

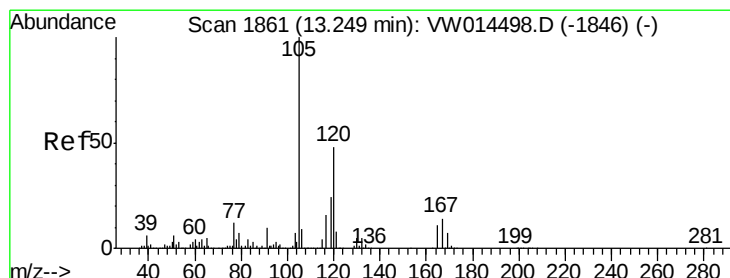
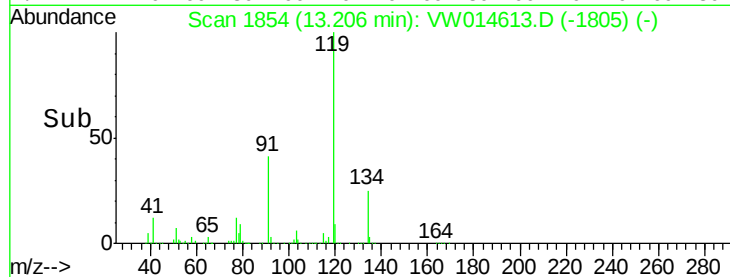
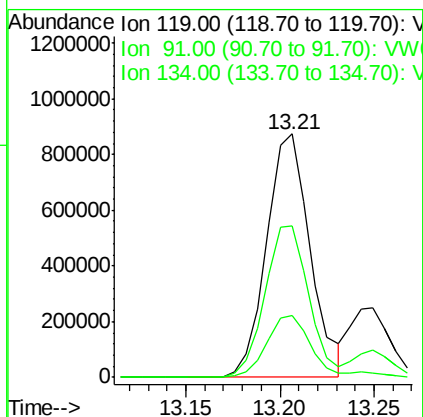
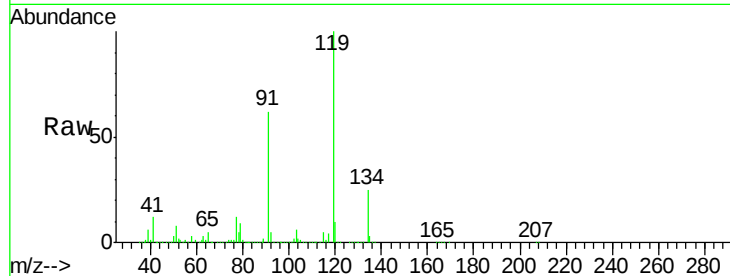




#83
 tert-Butylbenzene
 Concen: 51.806 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

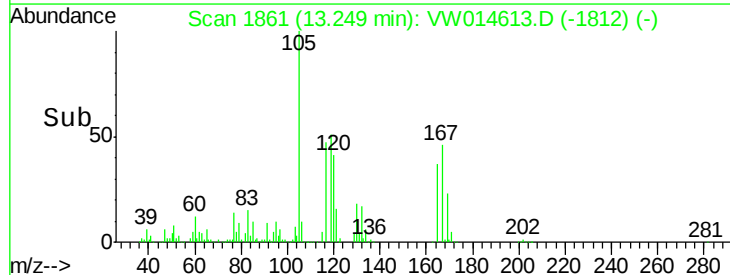
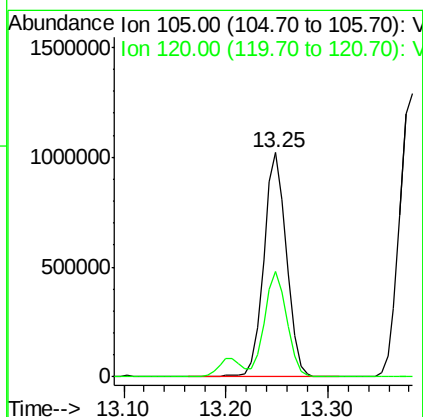
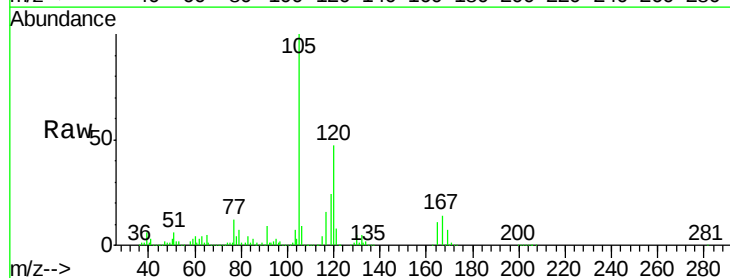
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

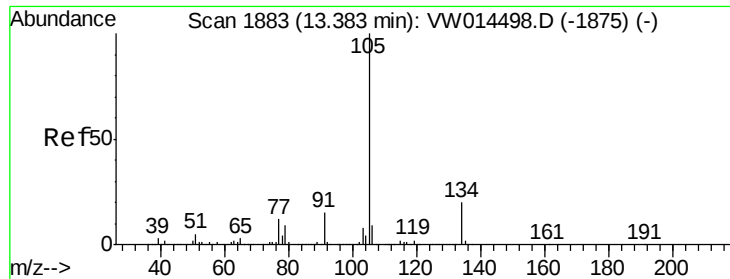
Tgt Ion:119 Resp: 1405195
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.1 93.3
 134 25.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.045 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion:105 Resp: 1573696
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0

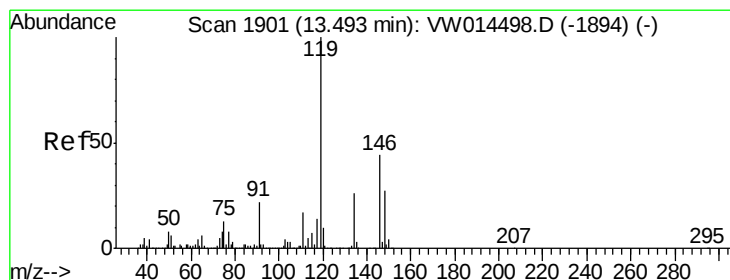
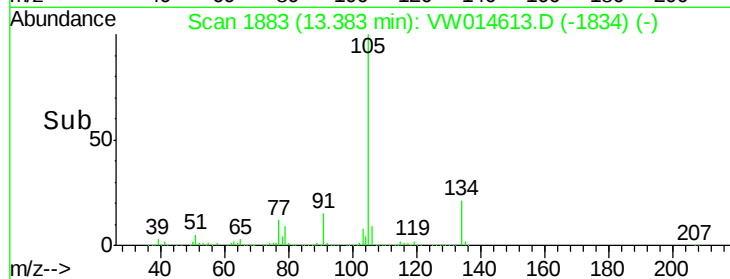
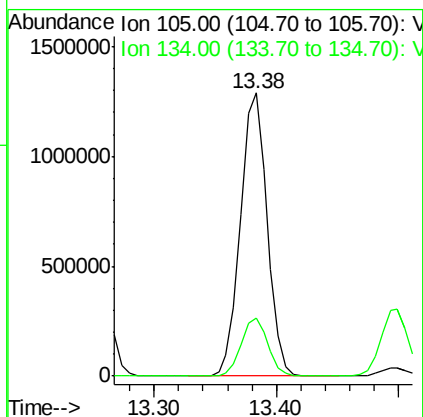
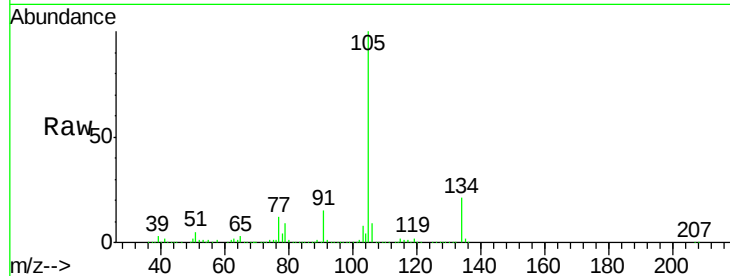




#85
 sec-Butylbenzene
 Concen: 51.760 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

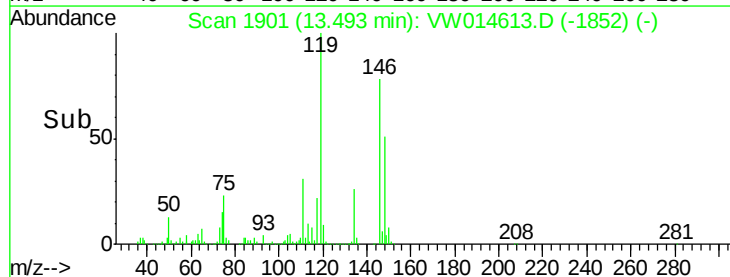
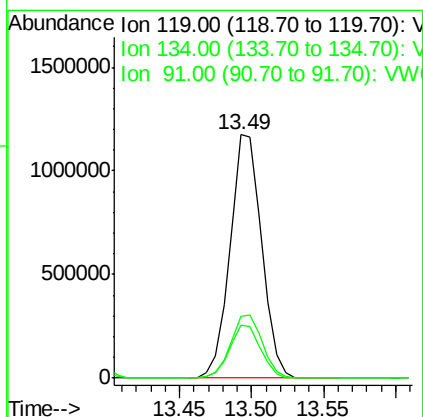
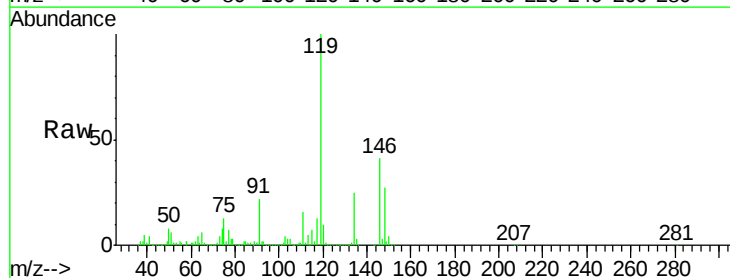
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

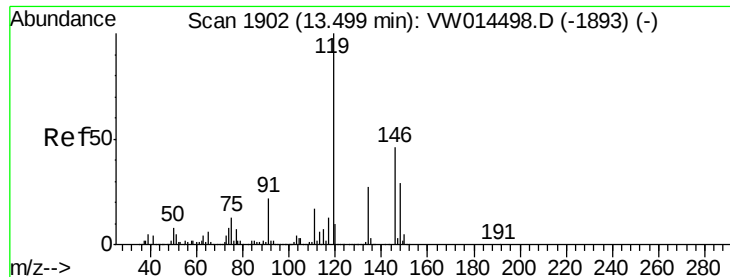
Tgt Ion:105 Resp: 1943289
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.598 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion:119 Resp: 1799974
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 21.7 11.1 33.3

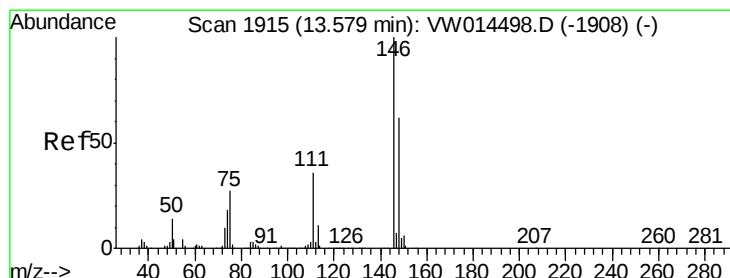
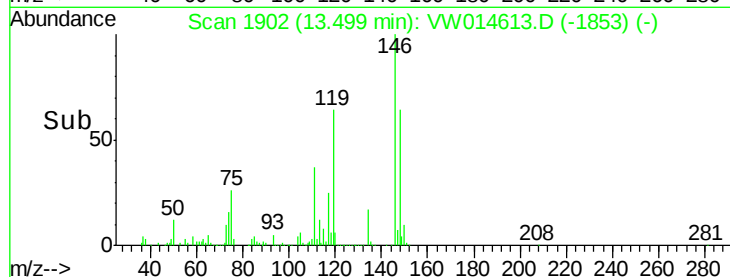
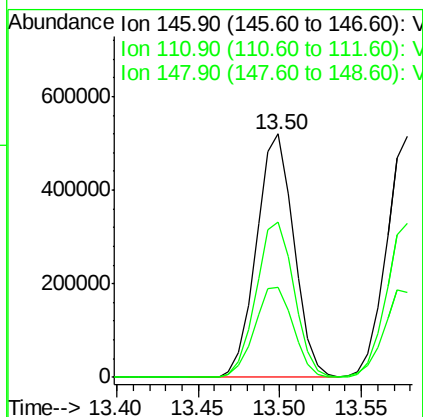
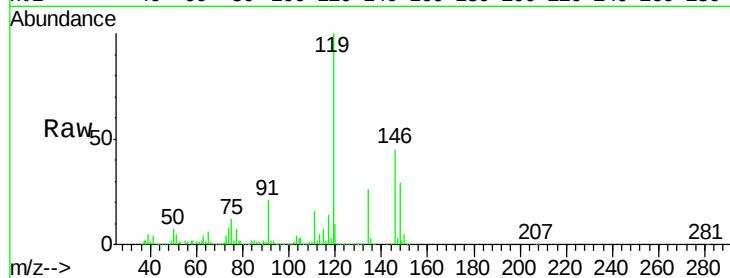




#87
 1,3-Dichlorobenzene
 Concen: 49.952 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

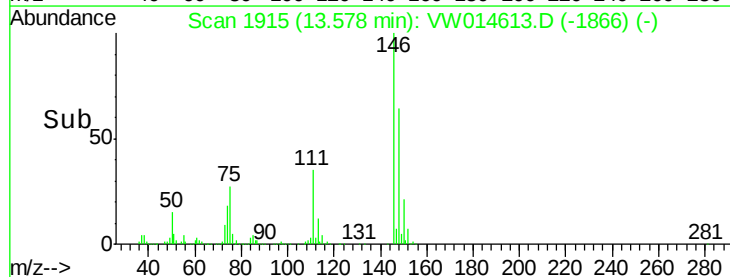
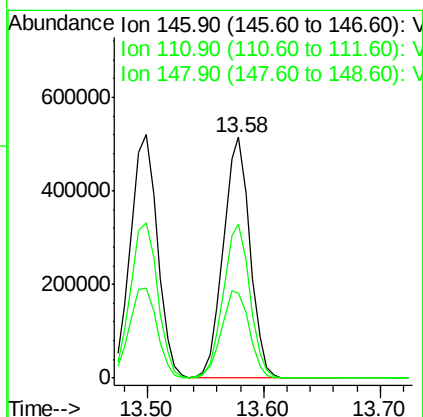
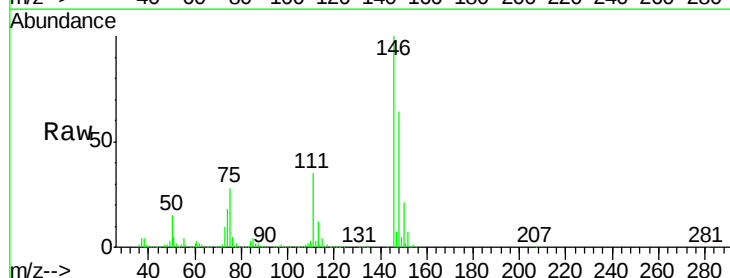
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

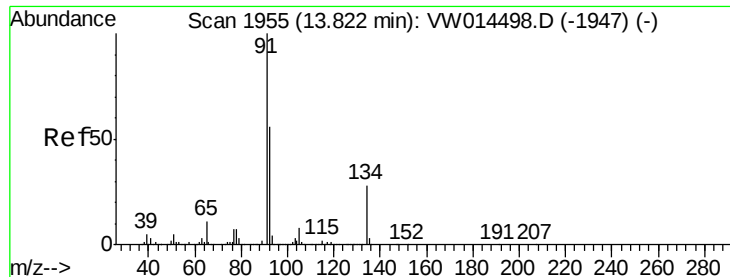
Tgt Ion:146 Resp: 832407
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.3 57.9
 148 64.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.518 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion:146 Resp: 814652
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.7 56.1
 148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 52.805 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014613.D

Acq: 13 Jan 2020 10:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

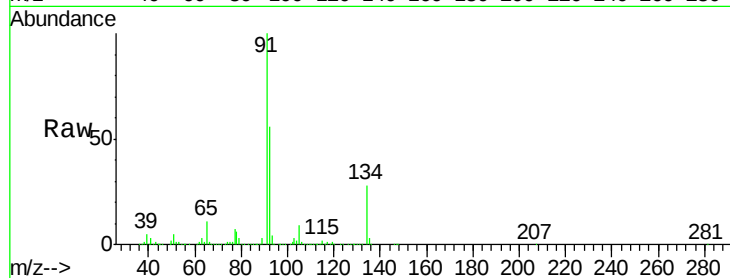
Tgt Ion: 91 Resp: 1678095

Ion Ratio Lower Upper

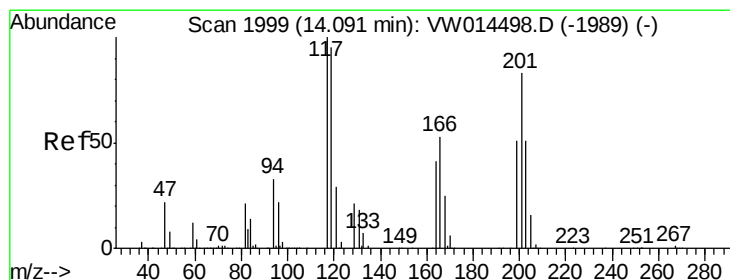
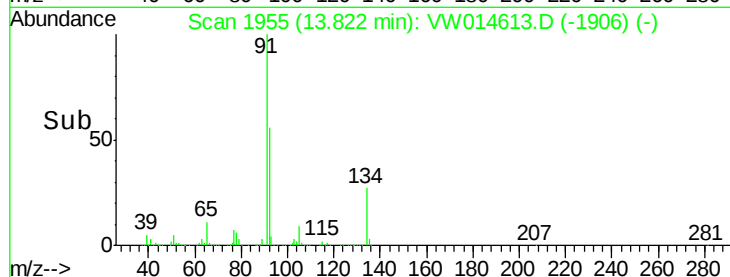
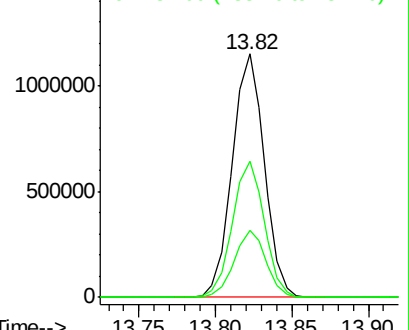
91 100

92 55.4 27.5 82.5

134 27.2 13.7 41.1



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



#90

Hexachloroethane

Concen: 52.539 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014613.D

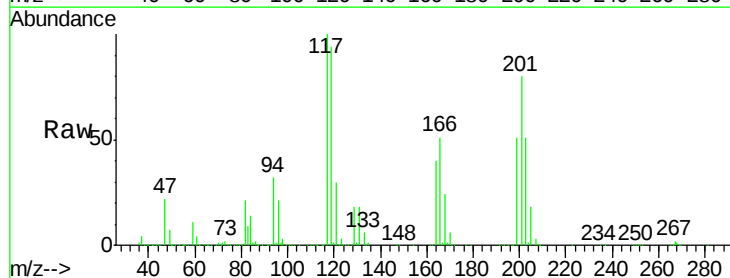
Acq: 13 Jan 2020 10:02

Tgt Ion: 117 Resp: 314091

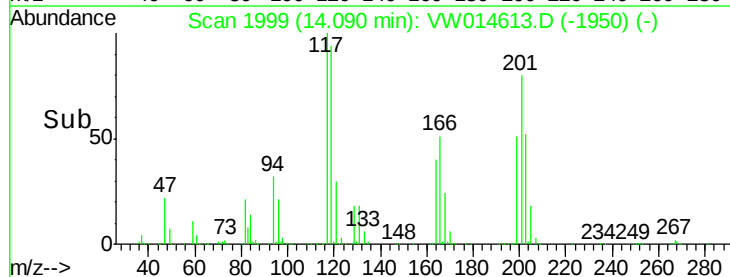
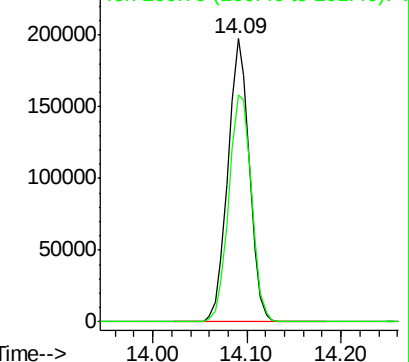
Ion Ratio Lower Upper

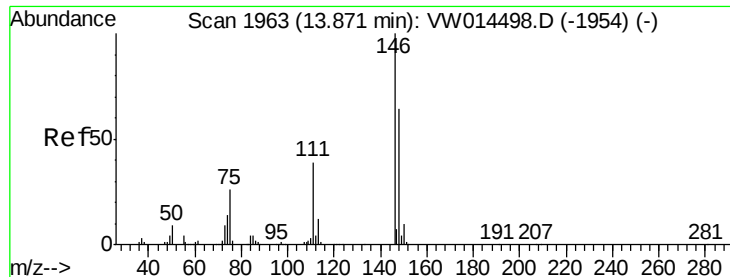
117 100

201 85.0 43.0 128.8



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

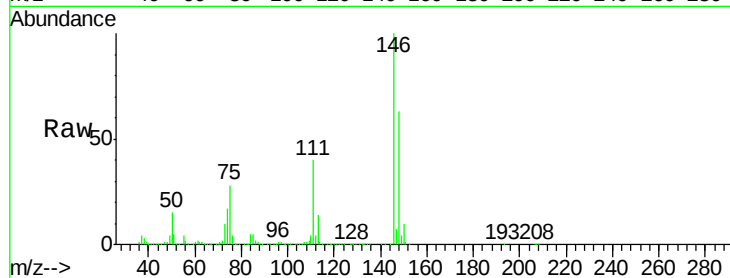




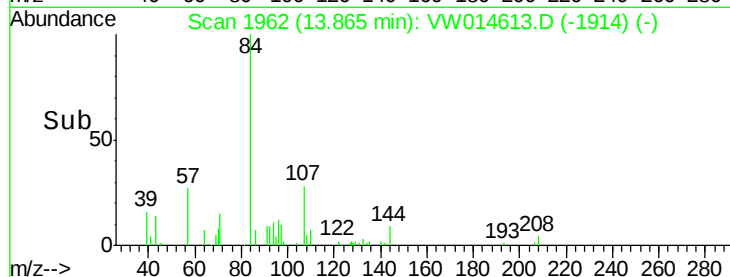
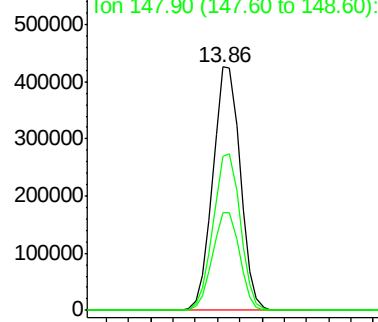
#91
 1,2-Dichlorobenzene
 Concen: 49.718 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

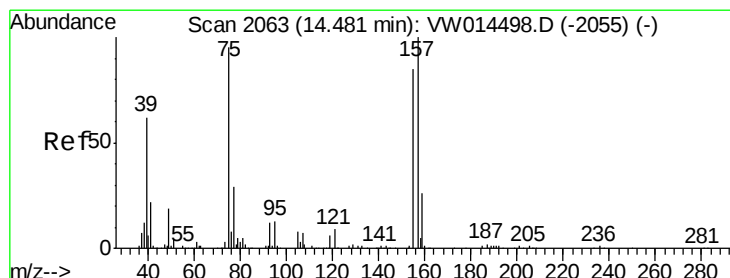
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.3
148	63.9	32.3	96.8



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

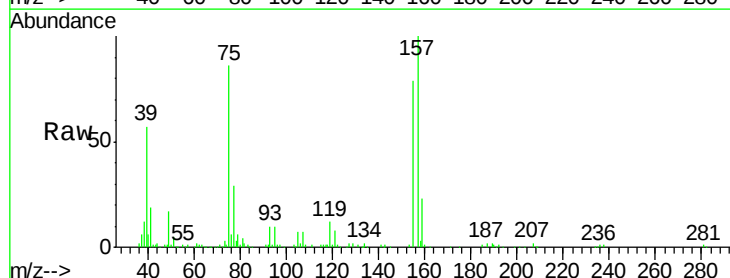


Time-->

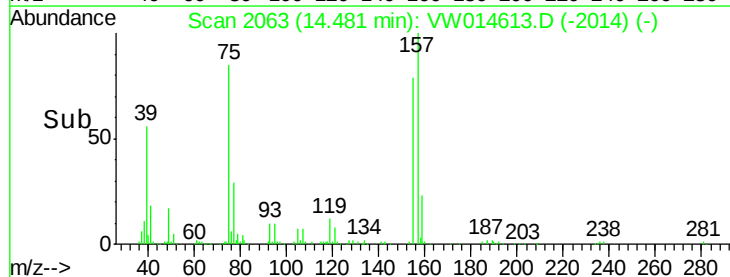
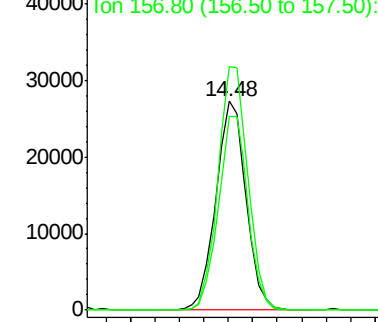


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.229 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

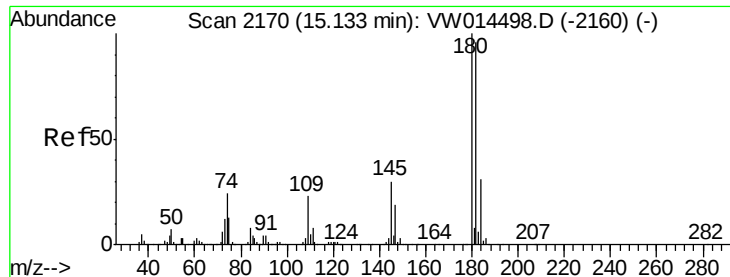
Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	45.8	137.4
157	115.5	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



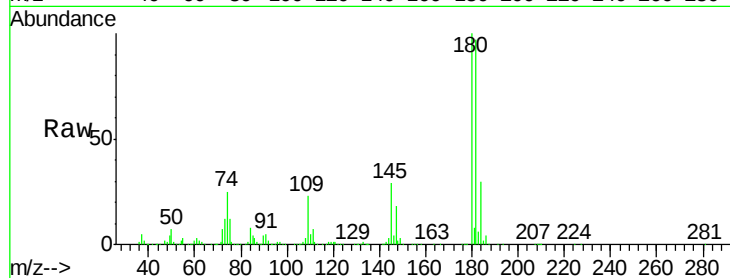
Time-->



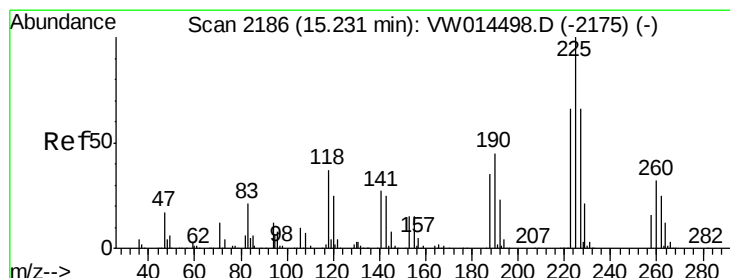
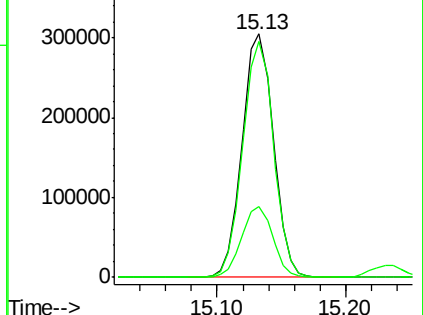
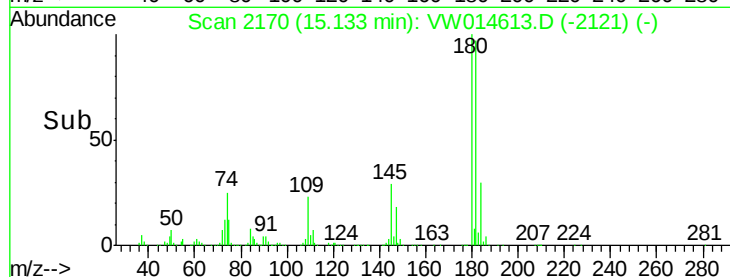
#93
 1,2,4-Trichlorobenzene
 Concen: 51.678 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 511136
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.8
 145 28.9 14.7 44.1

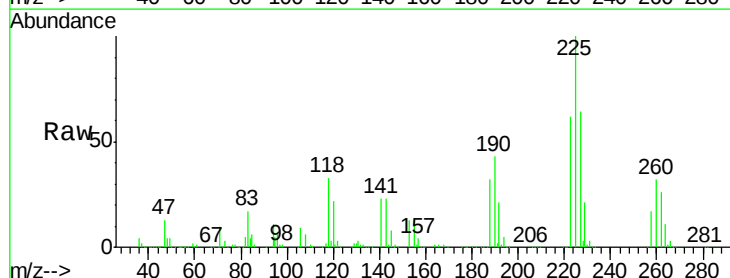


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

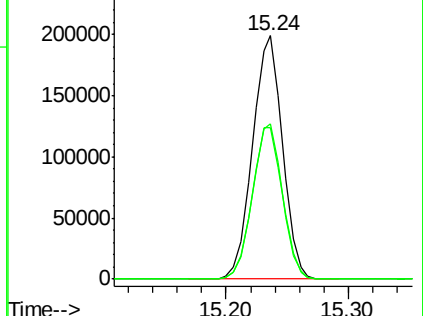
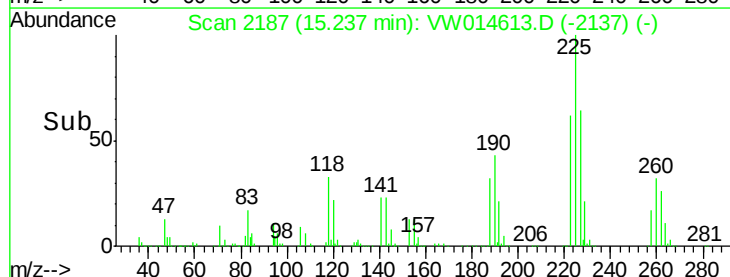


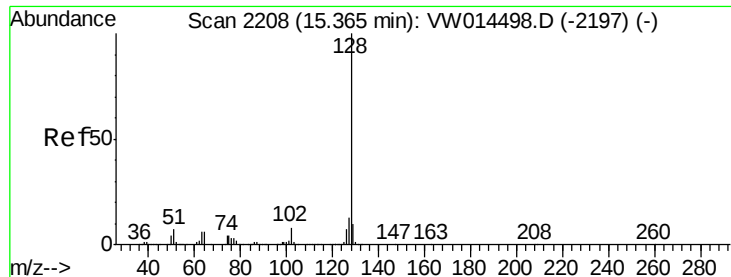
#94
 Hexachlorobutadiene
 Concen: 51.068 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014613.D
 Acq: 13 Jan 2020 10:02

Tgt Ion:225 Resp: 338492
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.2
 227 63.8 32.6 97.8



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

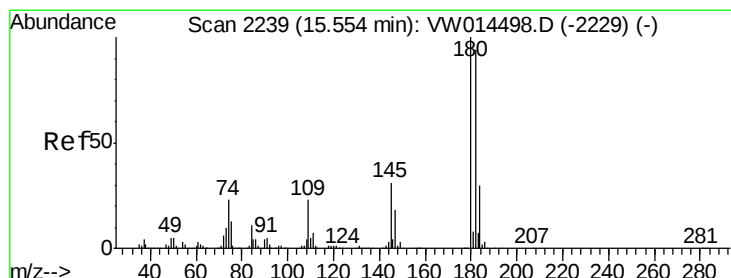
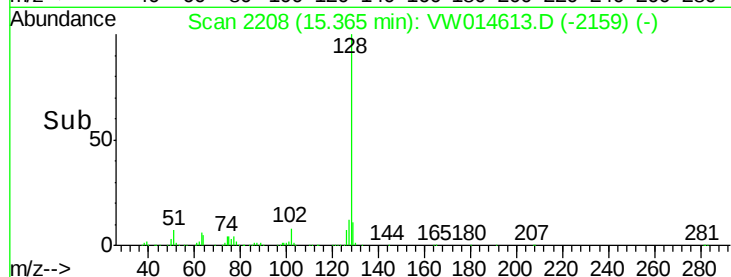
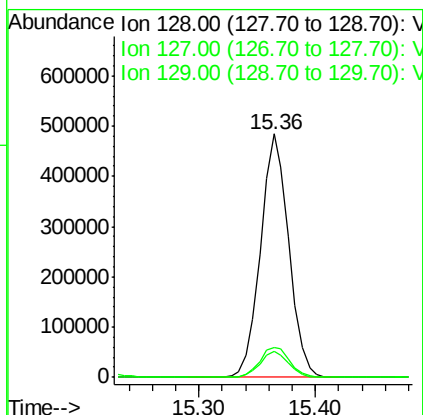
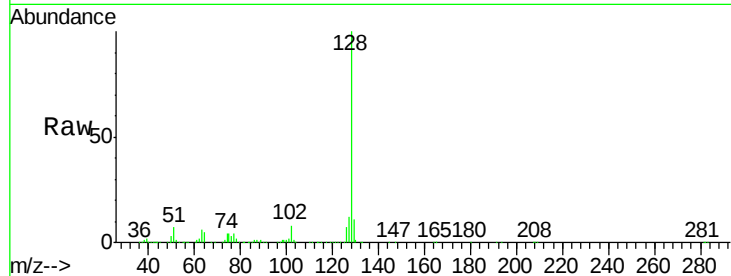




#95
Naphthalene
Concen: 48.445 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 817196
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.826 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014613.D
Acq: 13 Jan 2020 10:02

Tgt Ion:180 Resp: 429569
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.2
145 30.2 15.5 46.5

