

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014538.D
 Acq On : 06 Jan 2020 22:03
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 07 02:44:28 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	797552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1200387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1034795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	501884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	346367	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.88	113	339557	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.32	98	1404908	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	467461	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	203155	45.114	ug/l	99
3) Chloromethane	2.21	50	237194	43.033	ug/l	99
4) Vinyl Chloride	2.36	62	394528	48.664	ug/l	99
5) Bromomethane	2.77	94	242861	48.493	ug/l	99
6) Chloroethane	2.92	64	233091	50.437	ug/l	97
7) Trichlorofluoromethane	3.25	101	174899	43.118	ug/l	95
8) Diethyl Ether	3.68	74	203540	50.433	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	374336	49.391	ug/l	99
10) Methyl Iodide	4.27	142	555558	48.582	ug/l	100
11) Tert butyl alcohol	5.16	59	142365	266.284	ug/l	99
12) 1,1-Dichloroethene	4.04	96	396262	49.927	ug/l	96
13) Acrolein	3.89	56	190511	313.022	ug/l	97
14) Allyl chloride	4.66	41	606648	50.017	ug/l	99
15) Acrylonitrile	5.36	53	506597	274.610	ug/l	98
16) Acetone	4.12	43	393277	199.737	ug/l	99
17) Carbon Disulfide	4.38	76	1163216	48.626	ug/l	97
18) Methyl Acetate	4.66	43	259722	54.617	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	538009	54.608	ug/l	100
20) Methylene Chloride	4.92	84	413244	52.077	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	419238	49.746	ug/l	99
22) Diisopropyl ether	6.31	45	1168225	51.459	ug/l	99
23) Vinyl Acetate	6.25	43	3629142	264.733	ug/l	100
24) 1,1-Dichloroethane	6.21	63	711112	49.659	ug/l	99
25) 2-Butanone	7.16	43	626040	247.756	ug/l	97
26) 2,2-Dichloropropane	7.17	77	356348	44.947	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	440945	49.795	ug/l	100
28) Bromochloromethane	7.51	49	303978	54.145	ug/l	100
29) Tetrahydrofuran	7.52	42	417642	266.797	ug/l	98
30) Chloroform	7.67	83	668339	49.909	ug/l	100
31) Cyclohexane	7.95	56	707943	47.570	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	536037	49.771	ug/l	100
36) 1,1-Dichloropropene	8.08	75	573770	49.581	ug/l	99
37) Ethyl Acetate	7.24	43	274967	52.390	ug/l	100
38) Carbon Tetrachloride	8.07	117	491397	48.946	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	751244	50.586	ug/l	98
40) Benzene	8.32	78	1626401	49.673	ug/l	99
41) Methacrylonitrile	7.48	41	176666	60.386	ug/l	91
42) 1,2-Dichloroethane	8.40	62	425082	50.028	ug/l	100
43) Isopropyl Acetate	8.42	43	521289	54.697	ug/l	100
44) Trichloroethene	9.09	130	441404	49.821	ug/l	91
45) 1,2-Dichloropropane	9.37	63	403482	50.218	ug/l	98
46) Dibromomethane	9.46	93	202581	51.074	ug/l	99
47) Bromodichloromethane	9.64	83	492022	50.244	ug/l	99
48) Methyl methacrylate	9.43	41	253968	54.579	ug/l	99
49) 1,4-Dioxane	9.44	88	75050	1011.647	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1348417	272.451	ug/l	99
52) Toluene	10.38	92	1030389	50.023	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	512240	50.521	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	624499	50.396	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	298866	51.592	ug/l	99
56) Ethyl methacrylate	10.64	69	411686	54.684	ug/l	99
57) 1,3-Dichloropropane	10.93	76	522289	51.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	677658	295.967	ug/l	99
59) 2-Hexanone	10.96	43	918352	269.276	ug/l	100
60) Dibromochloromethane	11.13	129	338178	51.740	ug/l	100
61) 1,2-Dibromoethane	11.23	107	286364	52.078	ug/l	99
64) Tetrachloroethene	10.86	164	368488	49.187	ug/l	98
65) Chlorobenzene	11.65	112	1046573	49.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	359024	50.298	ug/l	99
67) Ethyl Benzene	11.73	91	1908095	49.943	ug/l	98
68) m/p-Xylenes	11.83	106	1460111	99.857	ug/l	100
69) o-Xylene	12.16	106	678567	50.240	ug/l	100
70) Styrene	12.18	104	1163955	50.950	ug/l	100
71) Bromoform	12.35	173	202038	51.893	ug/l #	99
73) Isopropylbenzene	12.46	105	1880606	51.067	ug/l	100
74) N-amyl acetate	12.27	43	447654	54.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	351175	52.833	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	436574	92.003	ug/l #	100
77) Bromobenzene	12.74	156	430937	50.384	ug/l	100
78) n-propylbenzene	12.80	91	2199901	50.802	ug/l	99
79) 2-Chlorotoluene	12.89	91	1225210	49.719	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1546752	50.024	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	111267	52.243	ug/l	97
82) 4-Chlorotoluene	12.99	91	1275432	49.817	ug/l	100
83) tert-Butylbenzene	13.21	119	1377952	50.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1537321	49.962	ug/l	100
85) sec-Butylbenzene	13.38	105	1913444	51.064	ug/l	99
86) p-Isopropyltoluene	13.49	119	1721921	50.414	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	814577	48.976	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	795390	48.440	ug/l	99
89) n-Butylbenzene	13.82	91	1597378	50.363	ug/l	99
90) Hexachloroethane	14.09	117	294284	49.321	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	733442	50.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	55502	52.729	ug/l	99

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

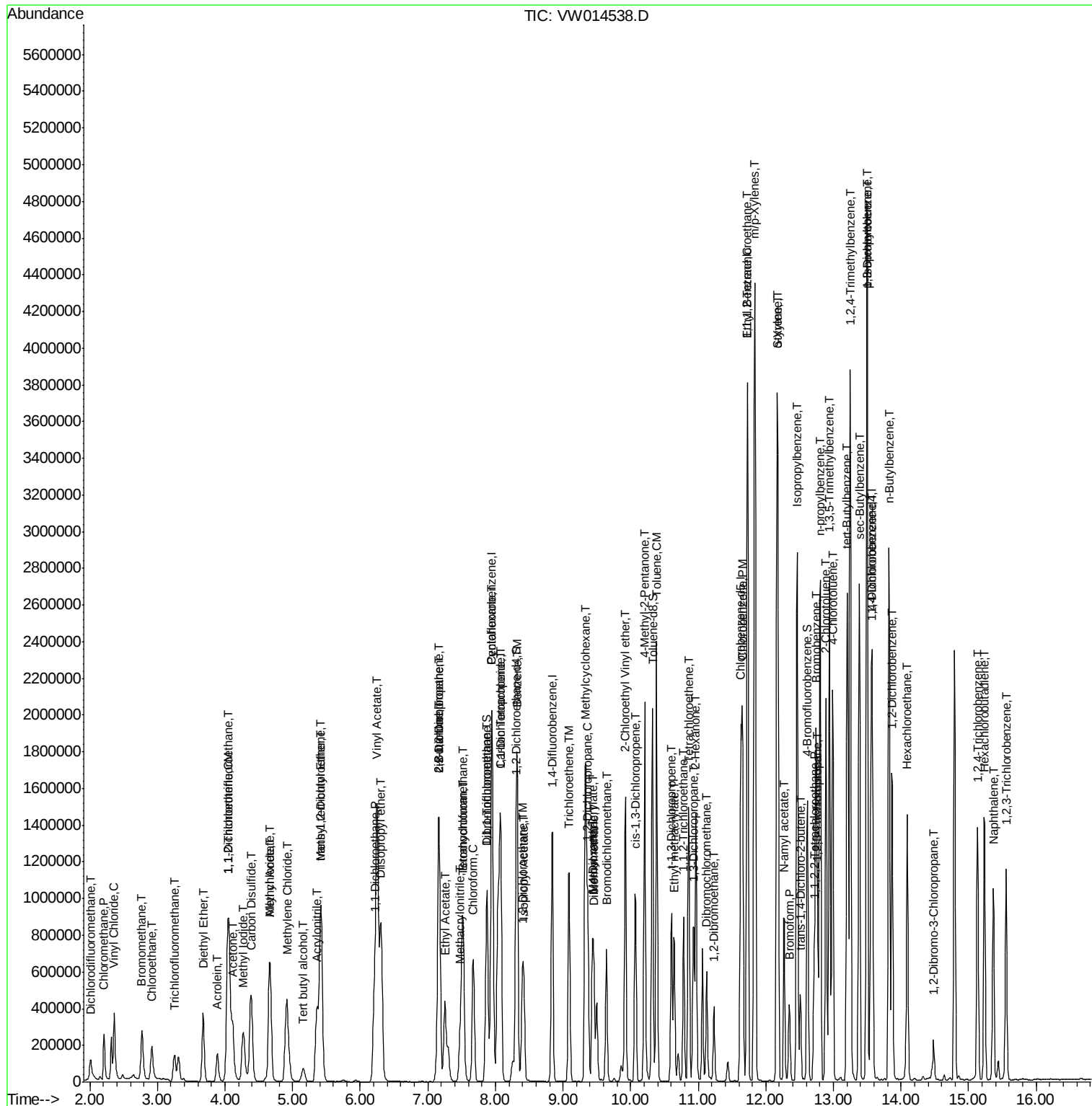
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	483873	49.016	ug/l	99
94) Hexachlorobutadiene	15.24	225	319611	48.313	ug/l	95
95) Naphthalene	15.36	128	900936	53.513	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	434766	50.526	ug/l	98

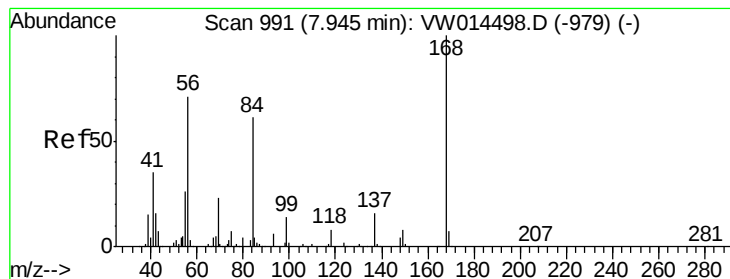
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

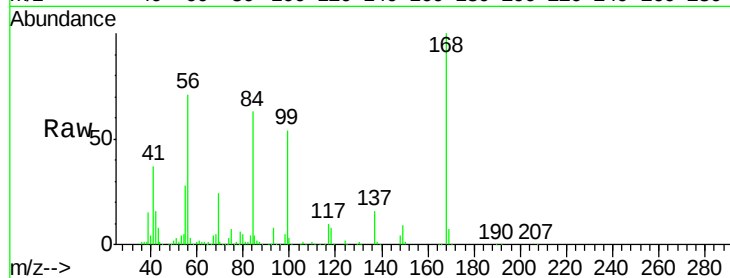
VSTDCCC050EC

Tgt Ion:168 Resp: 797552

Ion Ratio Lower Upper

168 100

99 54.3 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

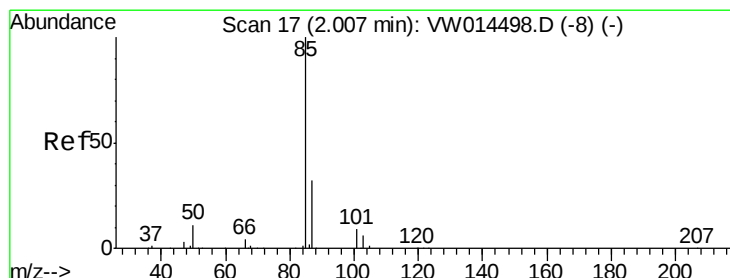
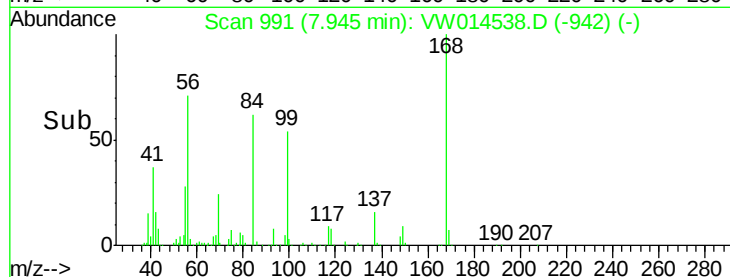
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.114 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014538.D

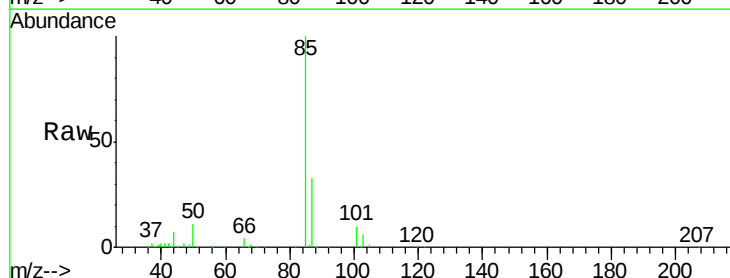
Acq: 06 Jan 2020 22:03

Tgt Ion: 85 Resp: 203155

Ion Ratio Lower Upper

85 100

87 33.0 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

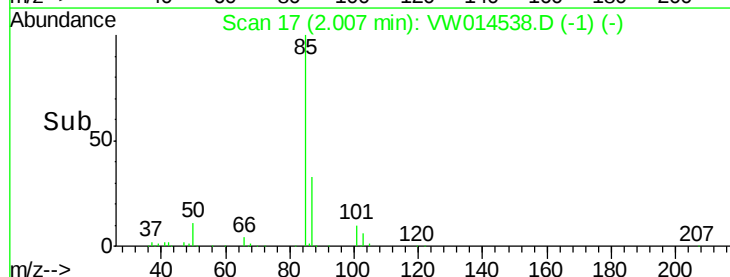
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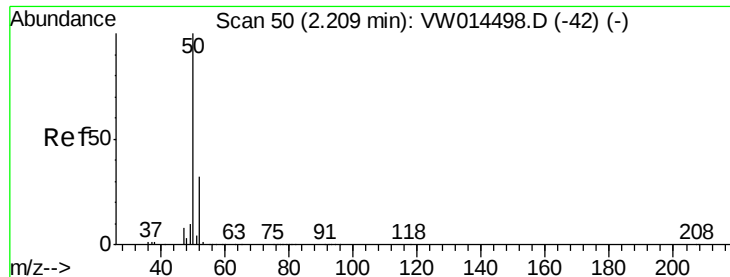
40000

20000

0

Time-->





#3

Chloromethane

Concen: 43.033 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

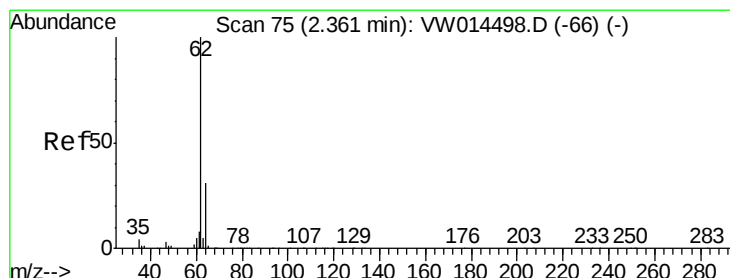
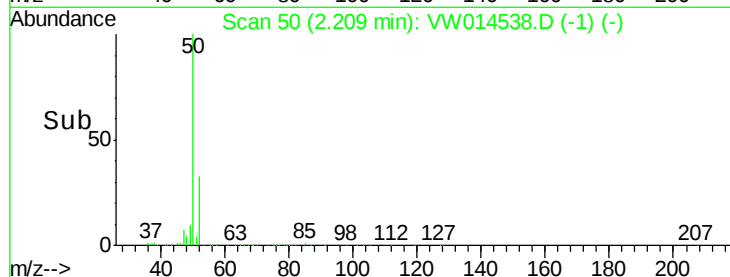
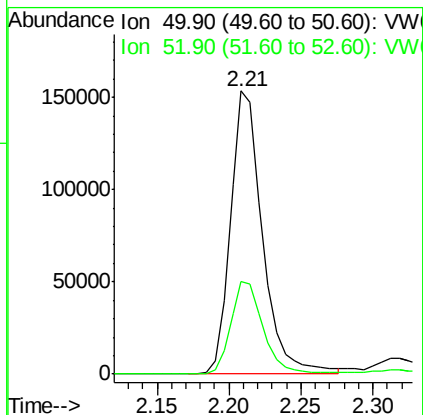
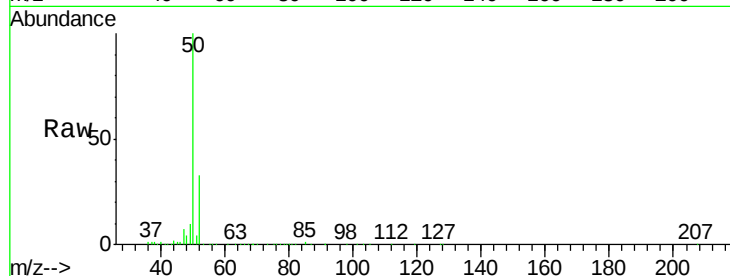
VSTDCCC050EC

Tgt Ion: 50 Resp: 237194

Ion Ratio Lower Upper

50 100

52 32.8 25.8 38.8



#4

Vinyl Chloride

Concen: 48.664 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014538.D

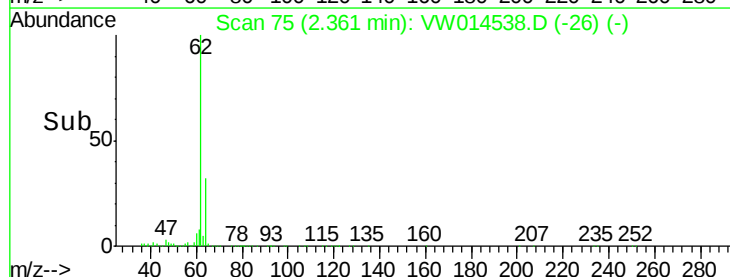
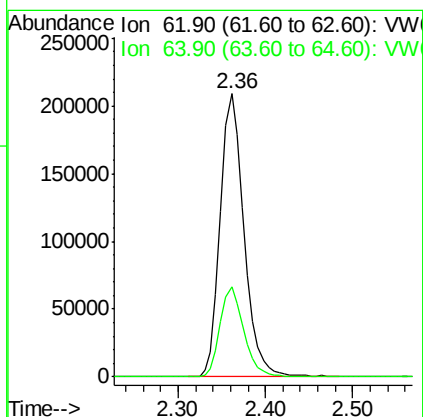
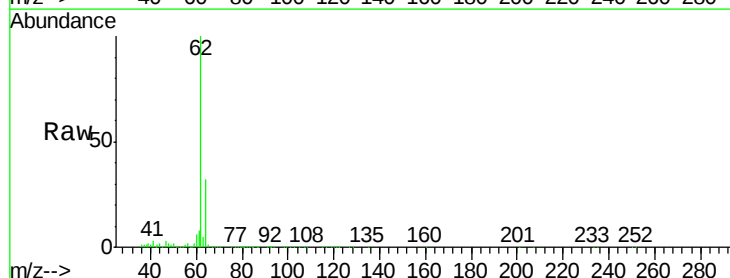
Acq: 06 Jan 2020 22:03

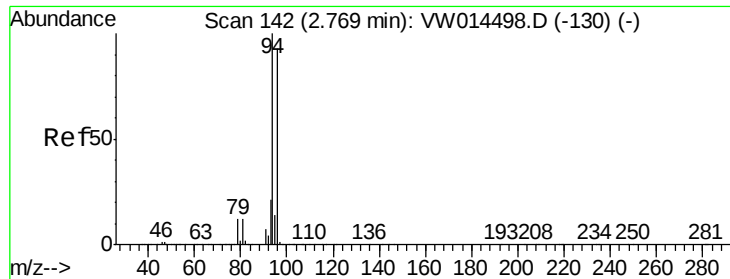
Tgt Ion: 62 Resp: 394528

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 48.493 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

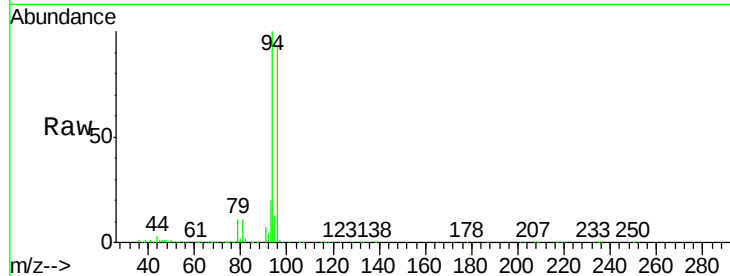
VSTDCCC050EC

Tgt Ion: 94 Resp: 242861

Ion Ratio Lower Upper

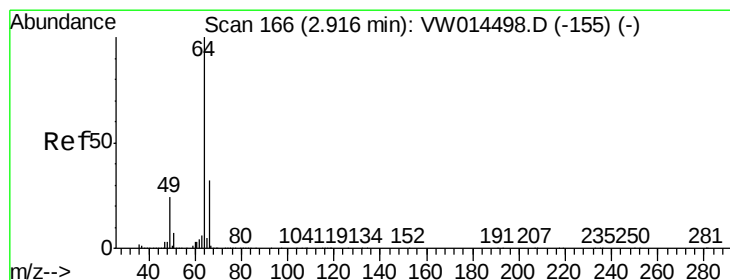
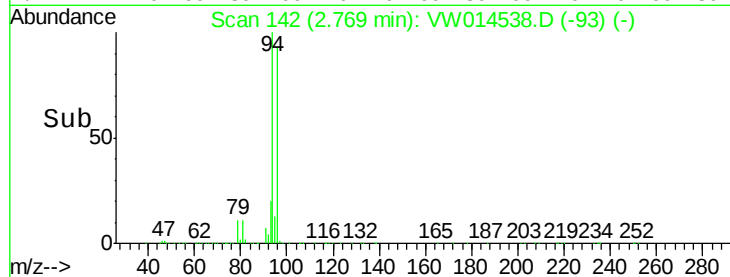
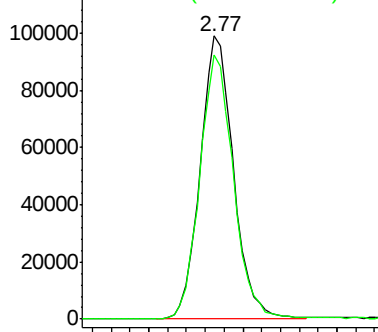
94 100

96 93.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.437 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014538.D

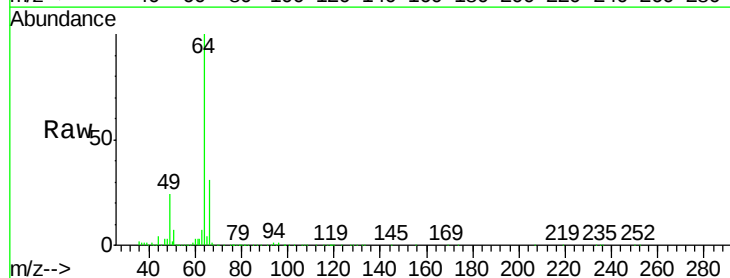
Acq: 06 Jan 2020 22:03

Tgt Ion: 64 Resp: 233091

Ion Ratio Lower Upper

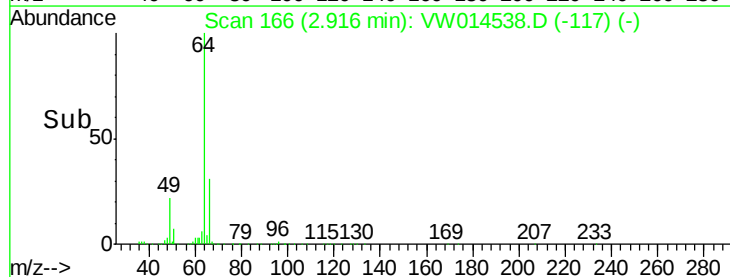
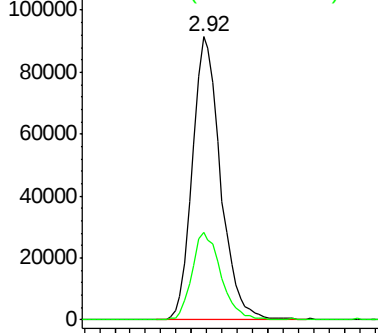
64 100

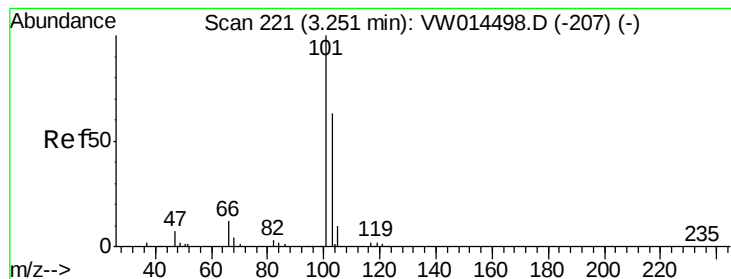
66 30.6 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



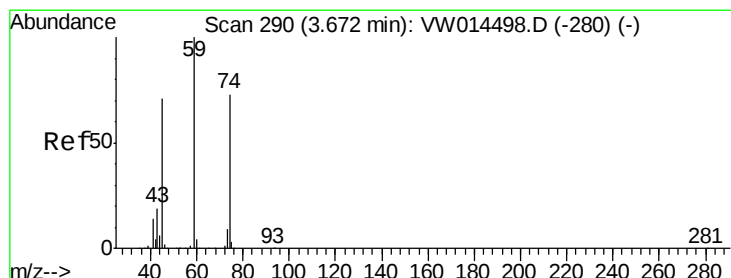
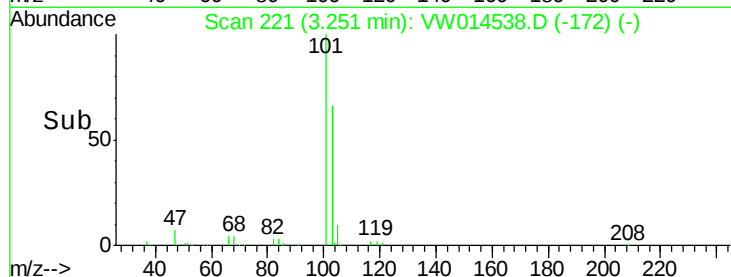
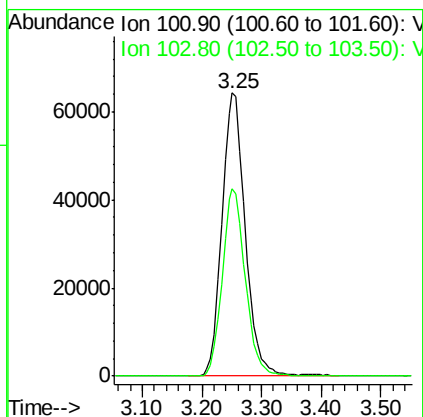
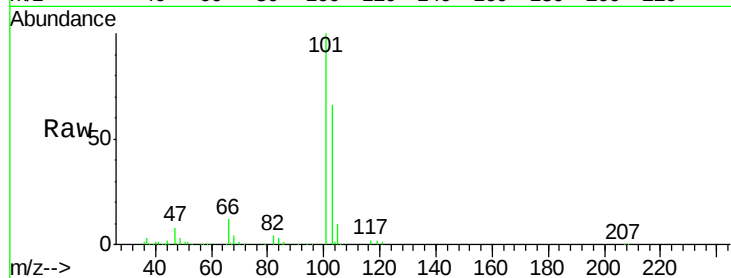


#7

Trichlorofluoromethane
 Concen: 43.118 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

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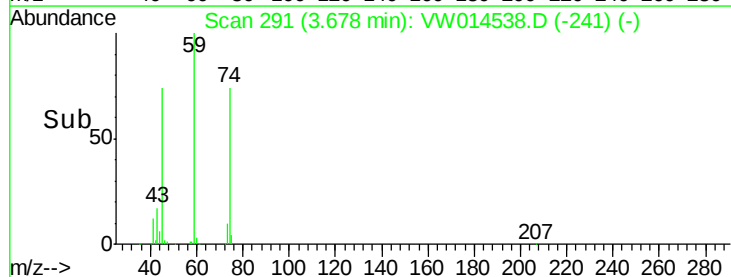
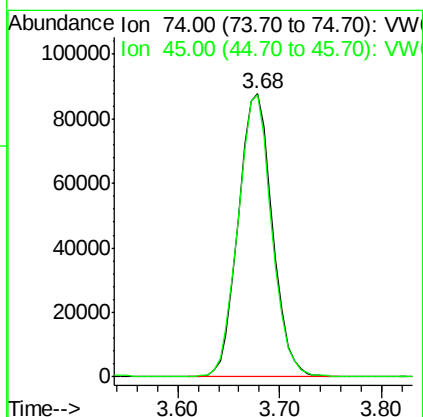
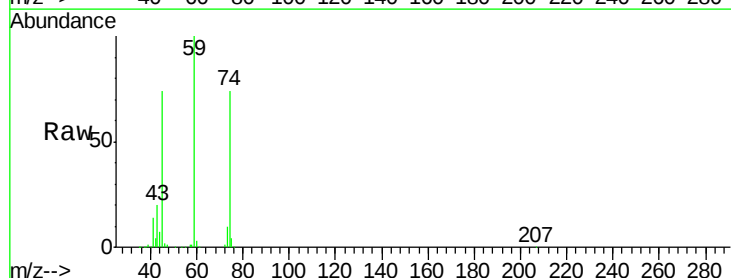
Tgt Ion:101 Resp: 174899
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.1 75.1

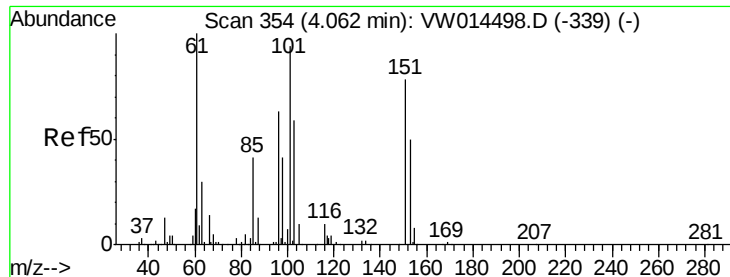


#8

Diethyl Ether
 Concen: 50.433 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 74 Resp: 203540
 Ion Ratio Lower Upper
 74 100
 45 98.4 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.391 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014538.D

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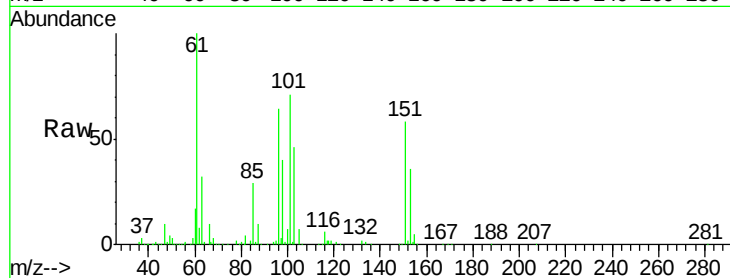
Tgt Ion:101 Resp: 374336

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

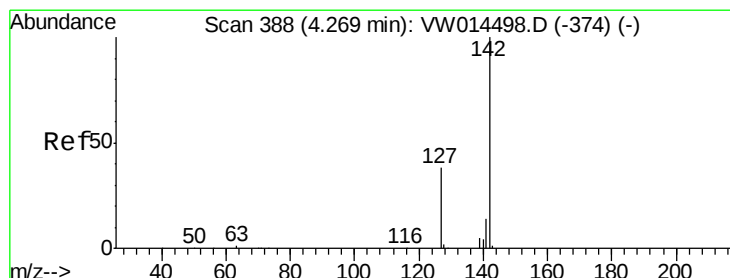
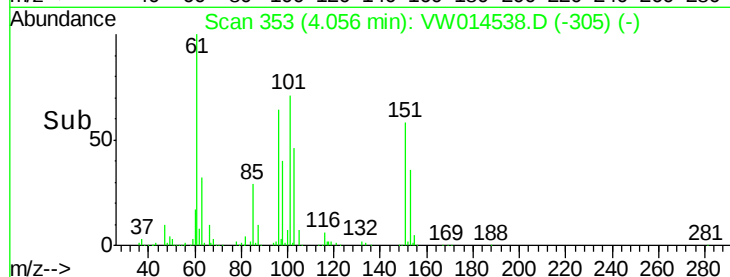
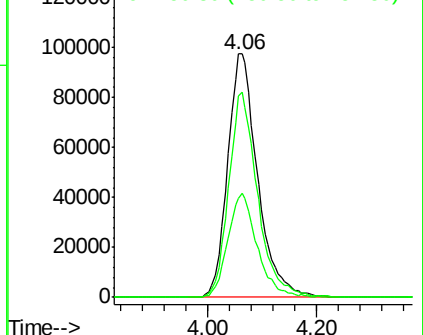
151 81.0 63.5 95.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.582 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

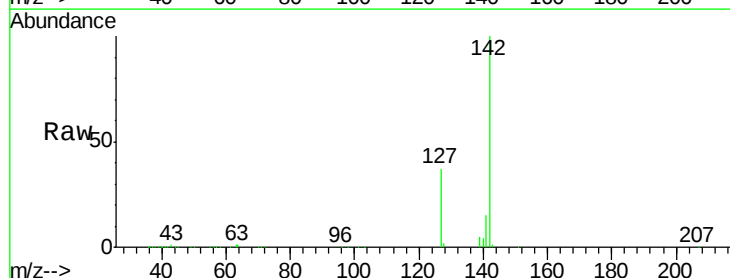
Tgt Ion:142 Resp: 555558

Ion Ratio Lower Upper

142 100

127 37.8 30.2 45.4

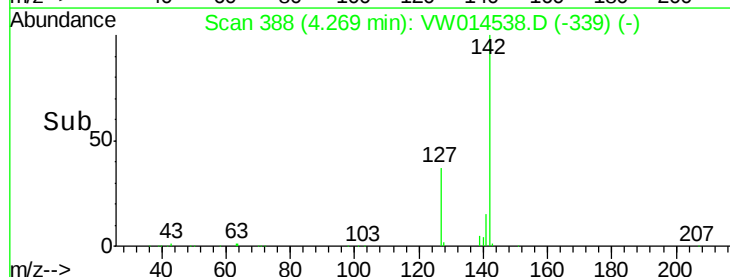
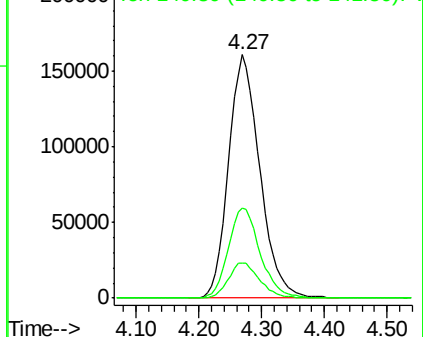
141 14.5 11.4 17.2

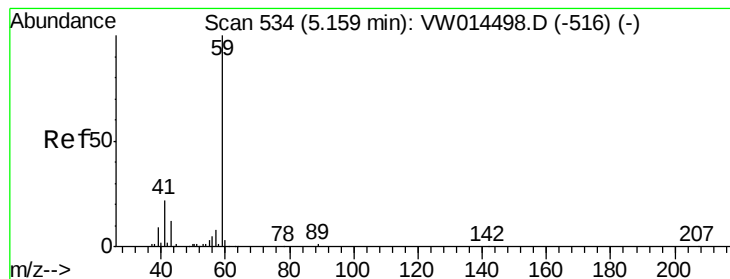


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



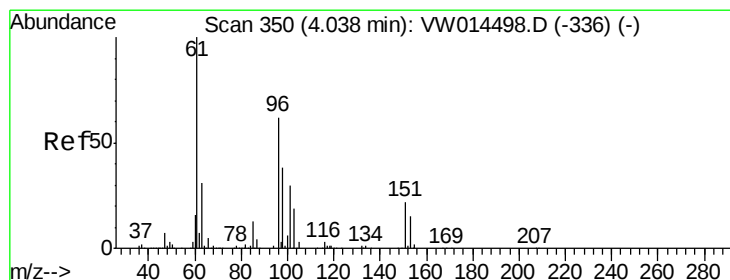
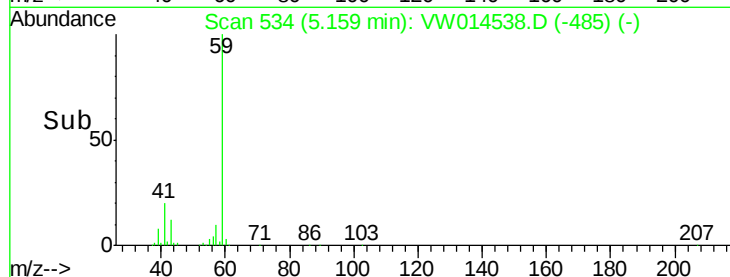
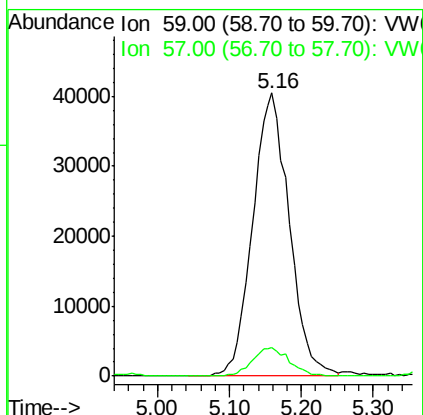
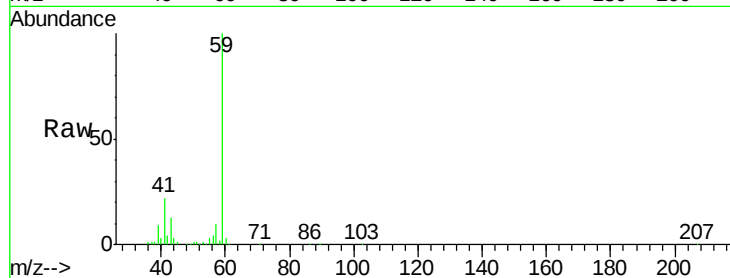


#11

Tert butyl alcohol
Concen: 266.284 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

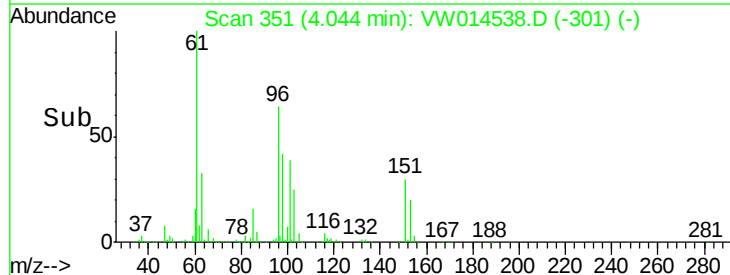
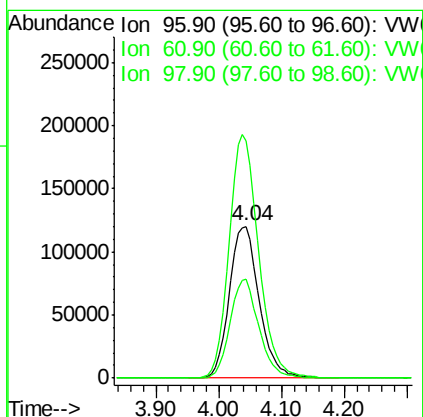
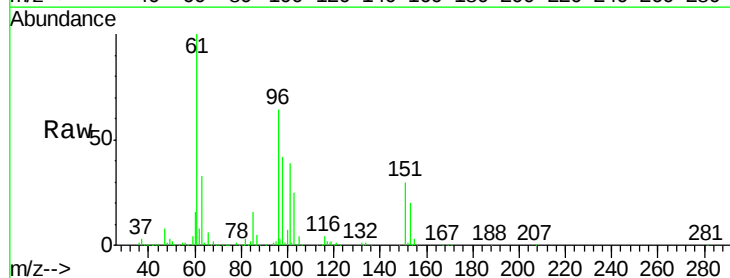
Tgt Ion: 59 Resp: 142365
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

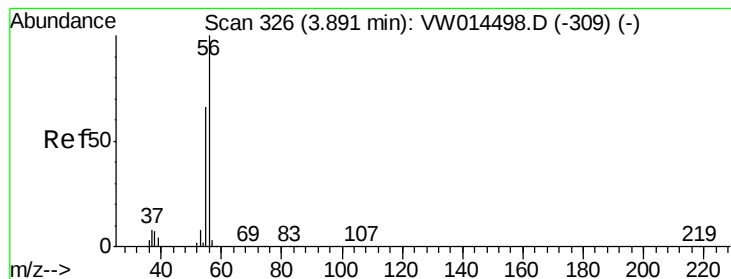


#12

1,1-Dichloroethene
Concen: 49.927 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 96 Resp: 396262
Ion Ratio Lower Upper
96 100
61 156.3 128.4 192.6
98 65.0 49.1 73.7





#13

Acrolein

Concen: 313.022 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

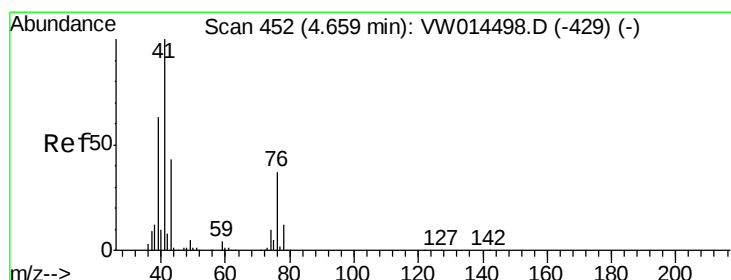
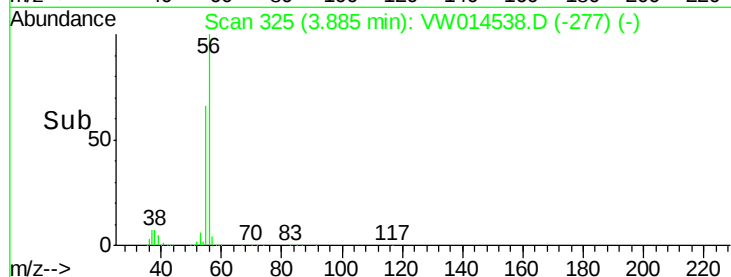
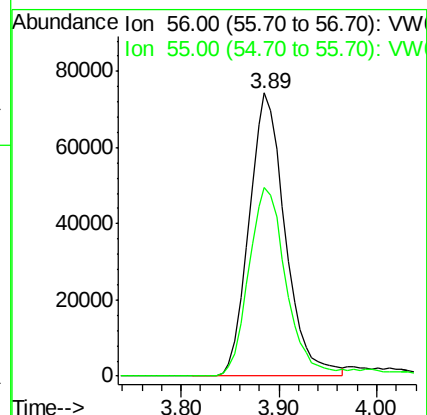
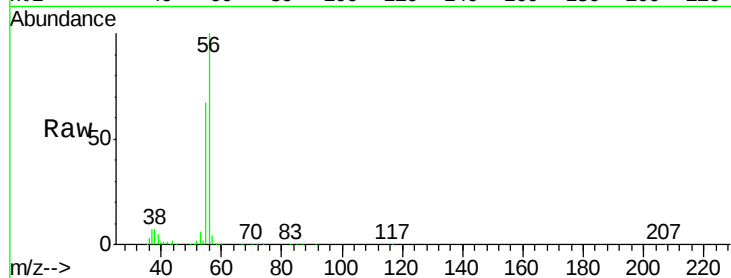
VSTDCCC050EC

Tgt Ion: 56 Resp: 190511

Ion Ratio Lower Upper

56 100

55 68.5 56.7 85.1



#14

Allyl chloride

Concen: 50.017 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

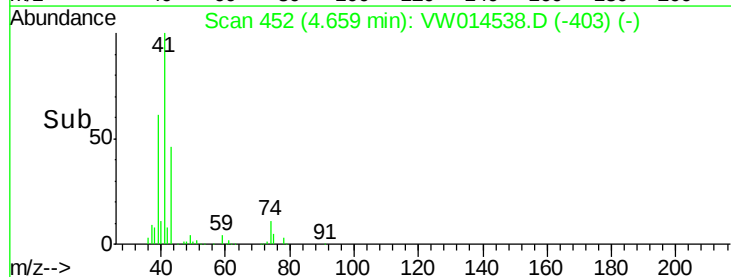
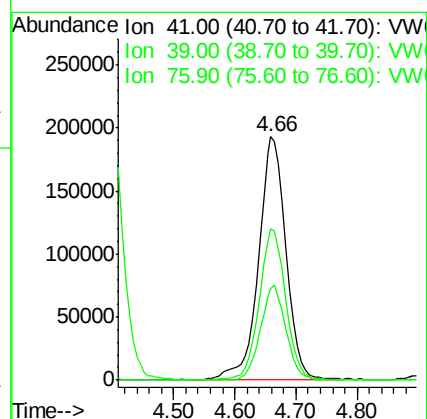
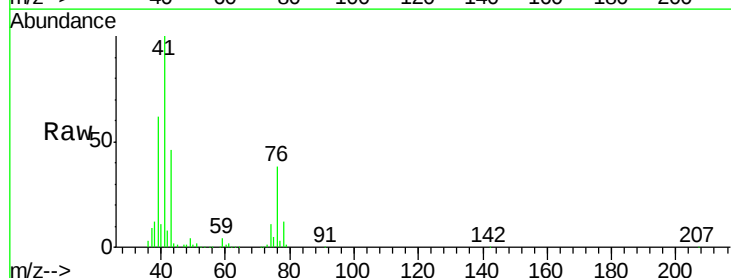
Tgt Ion: 41 Resp: 606648

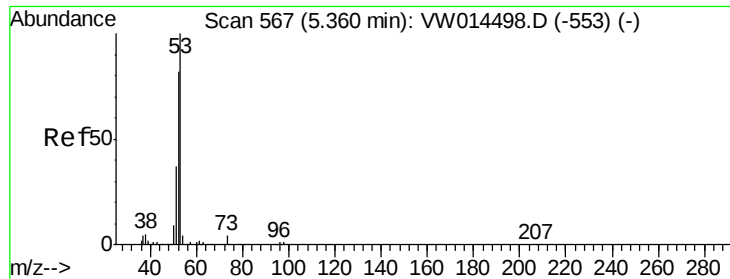
Ion Ratio Lower Upper

41 100

39 60.2 48.5 72.7

76 35.6 28.1 42.1





#15

Acrylonitrile

Concen: 274.610 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

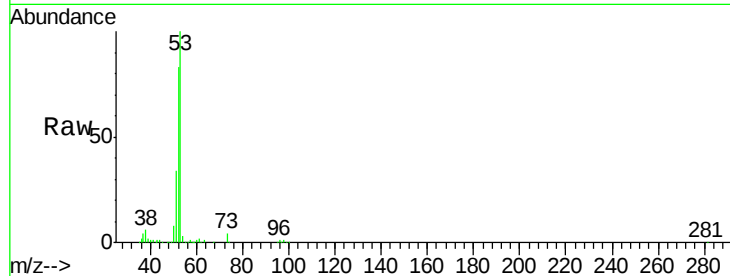
Tgt Ion: 53 Resp: 506597

Ion Ratio Lower Upper

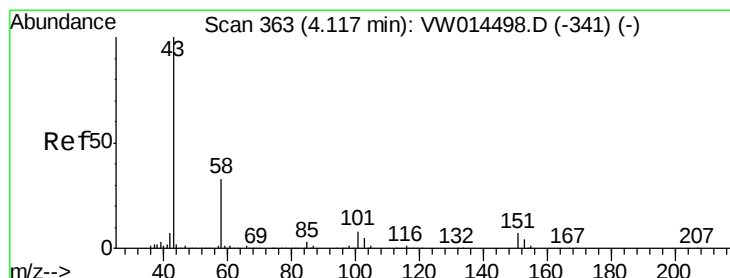
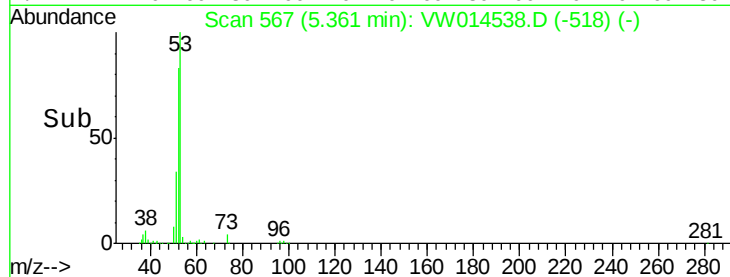
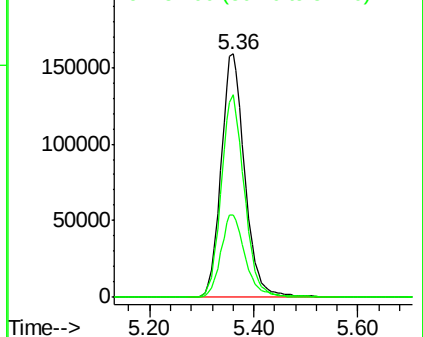
53 100

52 81.4 66.5 99.7

51 34.8 28.4 42.6



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



#16

Acetone

Concen: 199.737 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014538.D

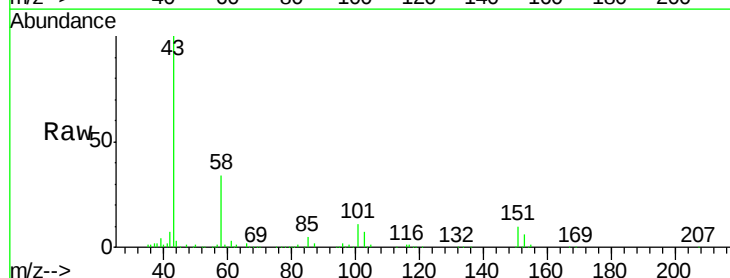
Acq: 06 Jan 2020 22:03

Tgt Ion: 43 Resp: 393277

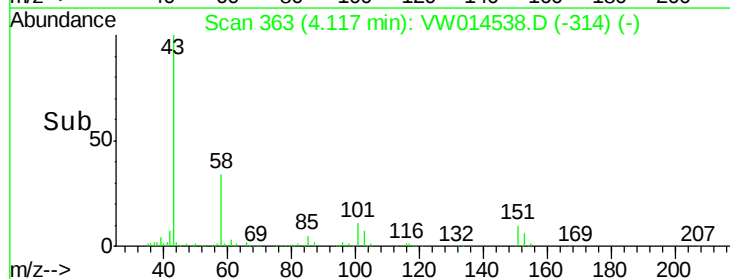
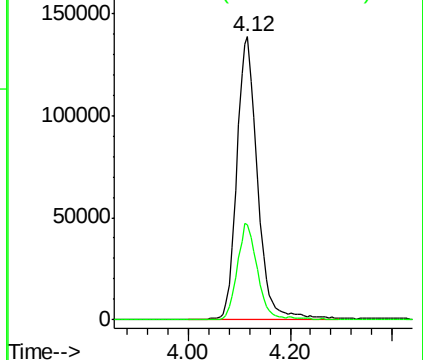
Ion Ratio Lower Upper

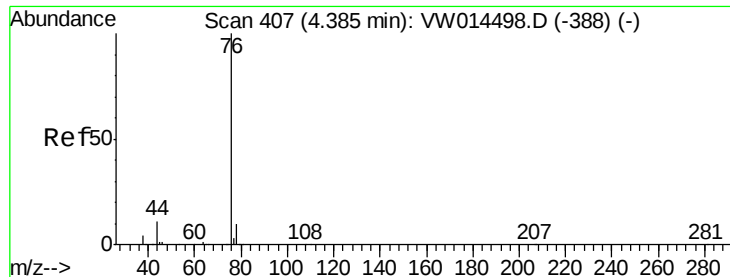
43 100

58 33.5 26.6 39.8



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





#17

Carbon Disulfide

Concen: 48.626 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

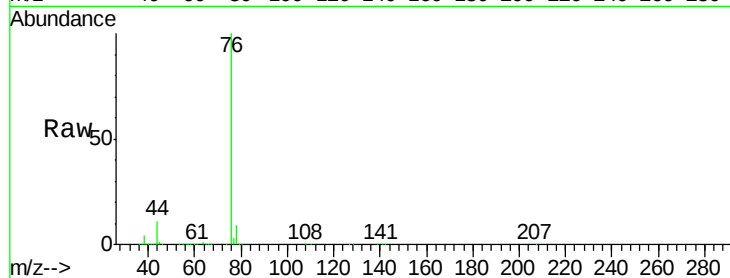
VSTDCCC050EC

Tgt Ion: 76 Resp: 1163216

Ion Ratio Lower Upper

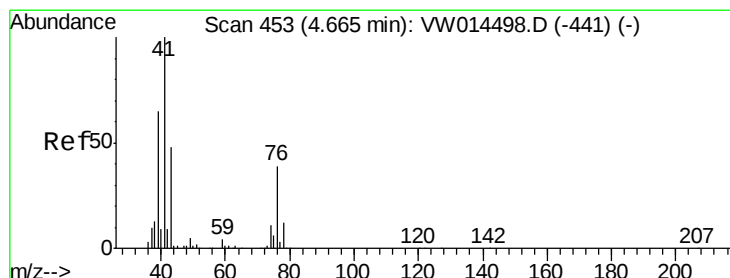
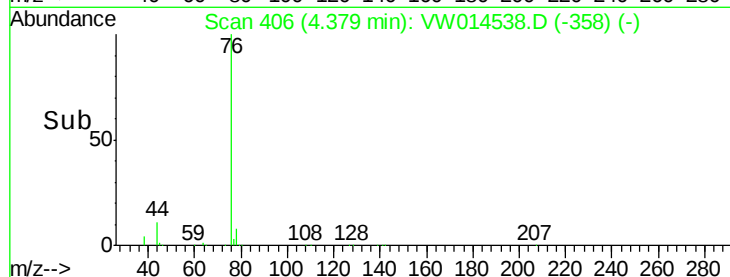
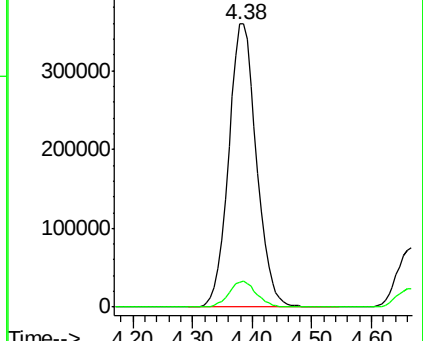
76 100

78 8.8 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 54.617 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014538.D

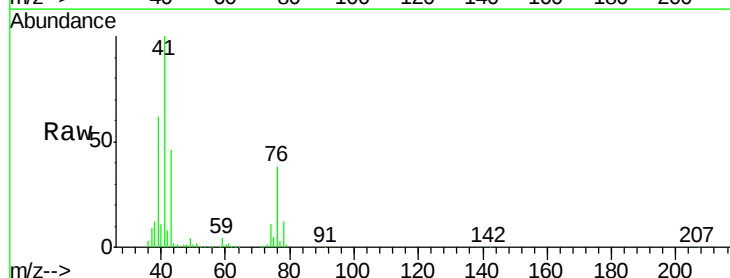
Acq: 06 Jan 2020 22:03

Tgt Ion: 43 Resp: 259722

Ion Ratio Lower Upper

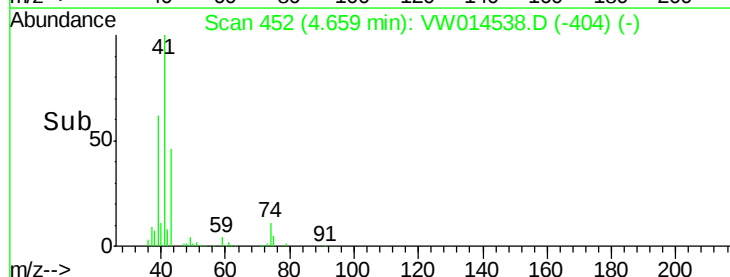
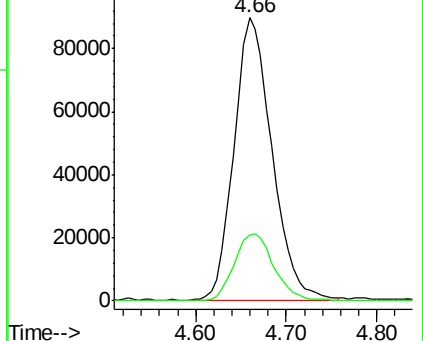
43 100

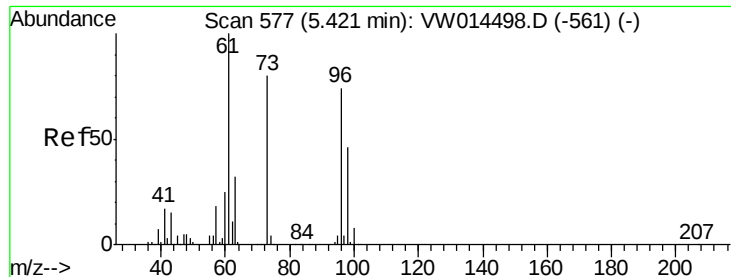
74 24.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 54.608 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

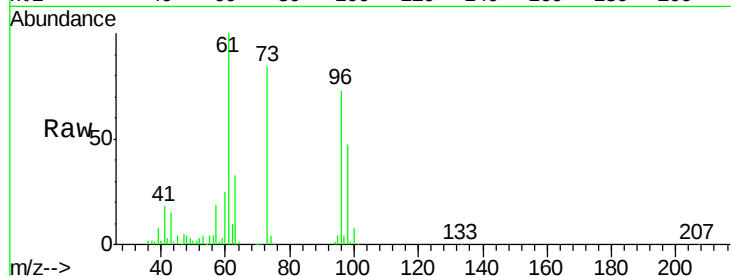
VSTDCCC050EC

Tgt Ion: 73 Resp: 538009

Ion Ratio Lower Upper

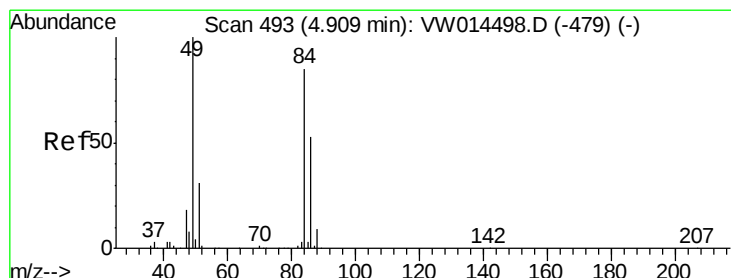
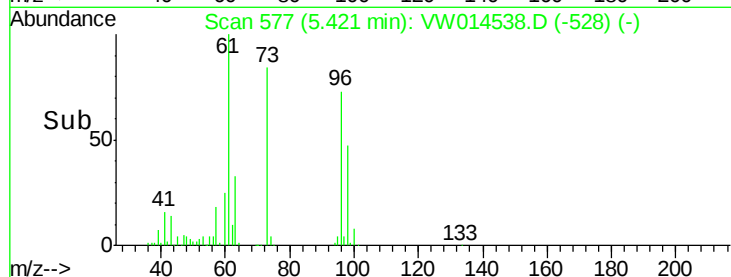
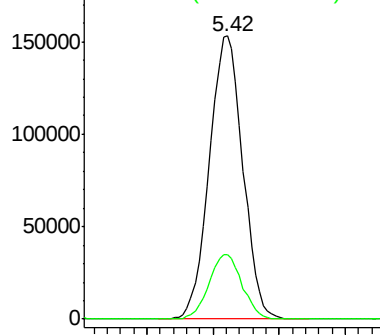
73 100

57 22.8 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 52.077 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Tgt Ion: 84 Resp: 413244

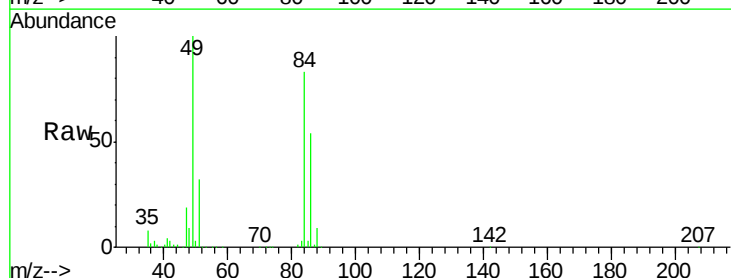
Ion Ratio Lower Upper

84 100

49 120.2 94.4 141.6

51 38.4 29.5 44.3

86 64.5 50.2 75.2

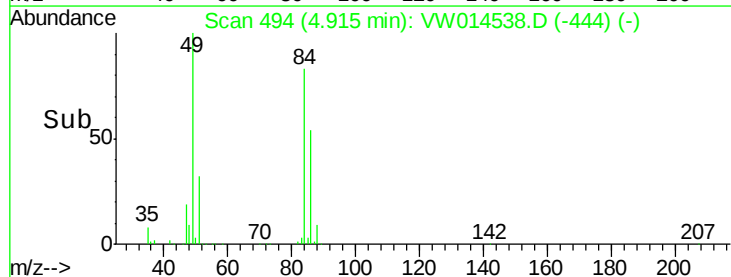
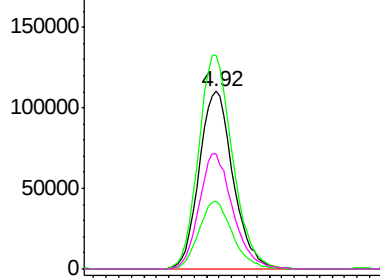


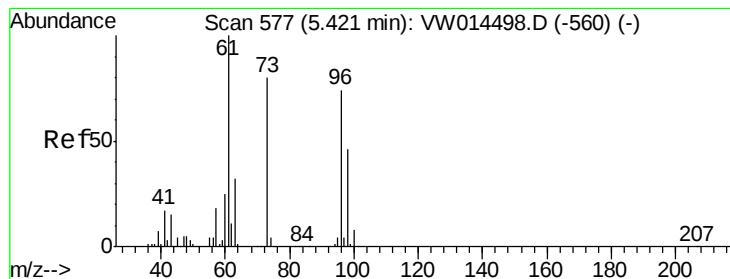
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 49.746 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

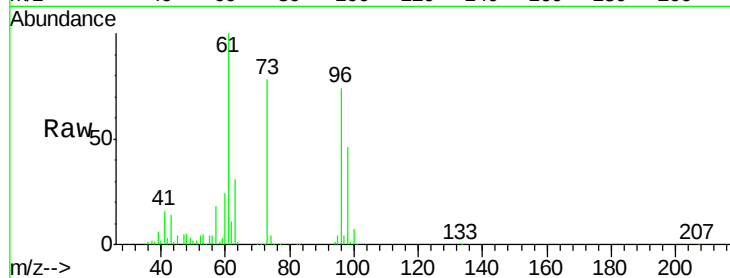
Tgt Ion: 96 Resp: 419238

Ion Ratio Lower Upper

96 100

61 136.0 107.8 161.6

98 62.2 49.4 74.0

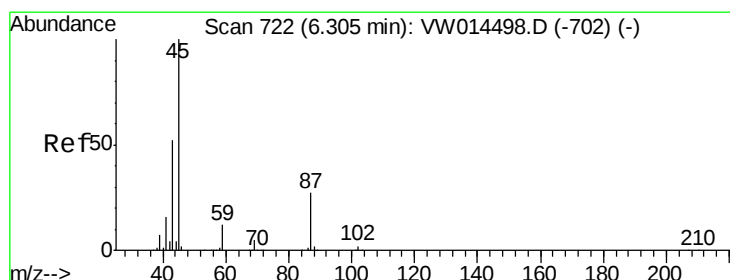
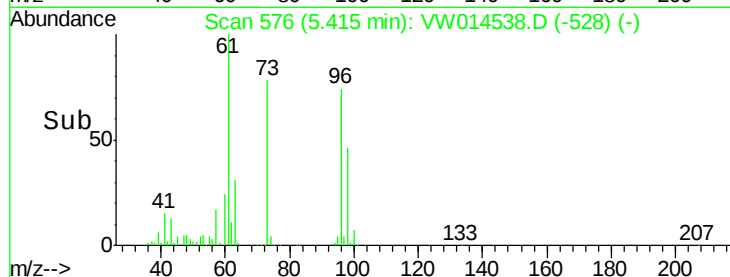
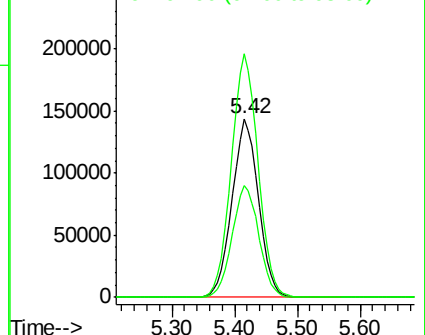


Abundance

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: 51.459 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Tgt Ion: 45 Resp: 1168225

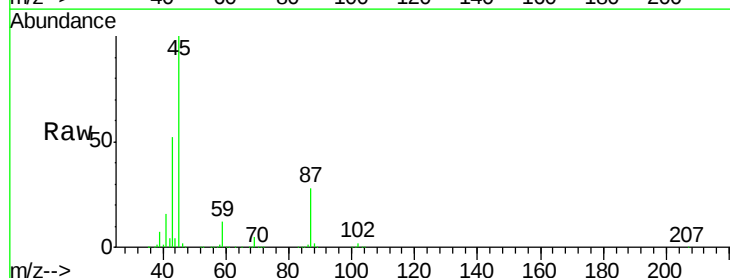
Ion Ratio Lower Upper

45 100

43 52.2 41.4 62.0

87 28.0 22.2 33.2

59 12.0 9.5 14.3



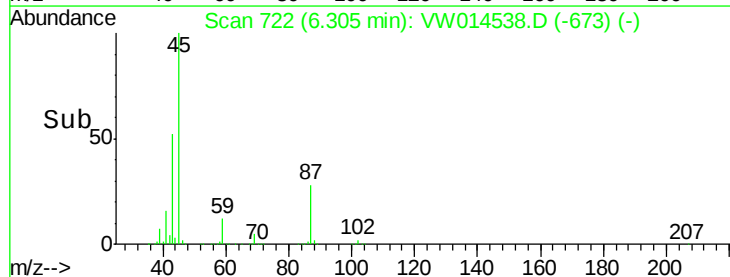
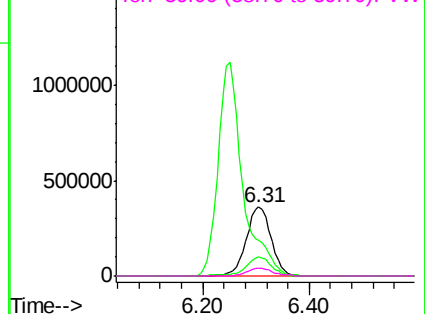
Abundance

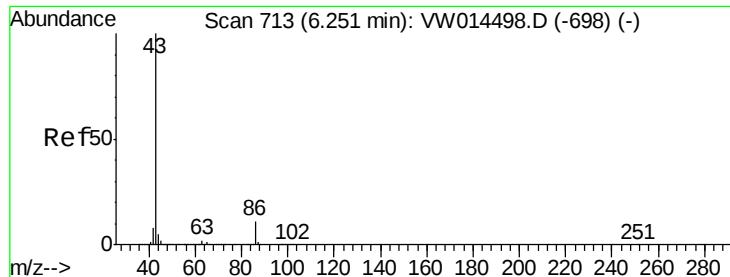
Ion 45.00 (44.70 to 45.70): VW

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

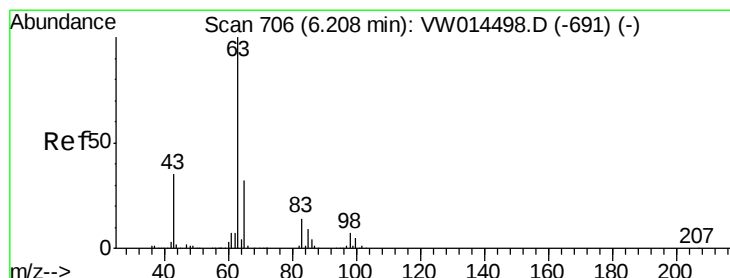
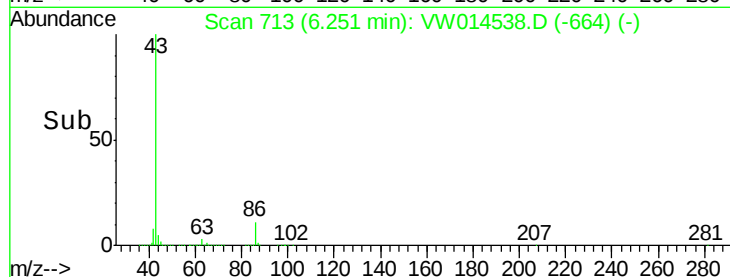
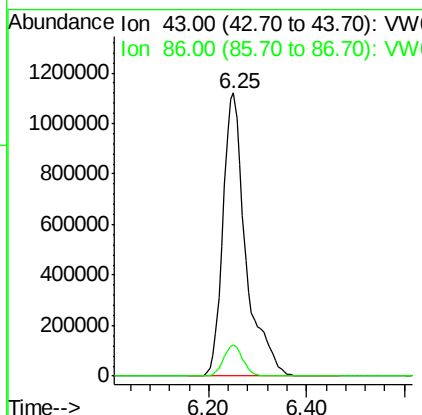
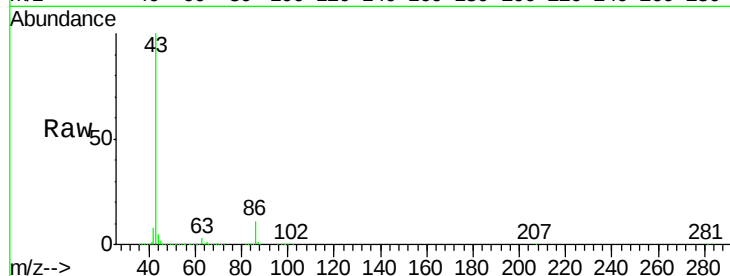




#23
 Vinyl Acetate
 Concen: 264.733 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

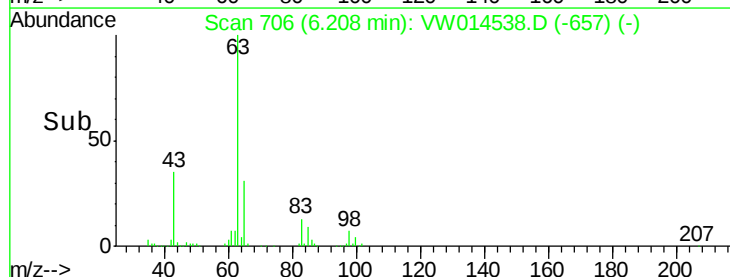
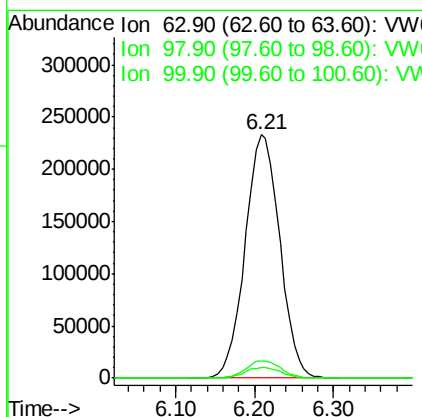
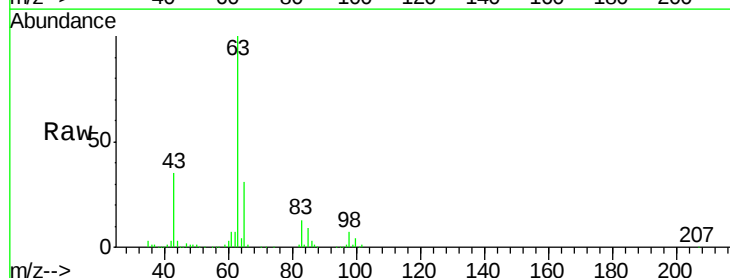
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

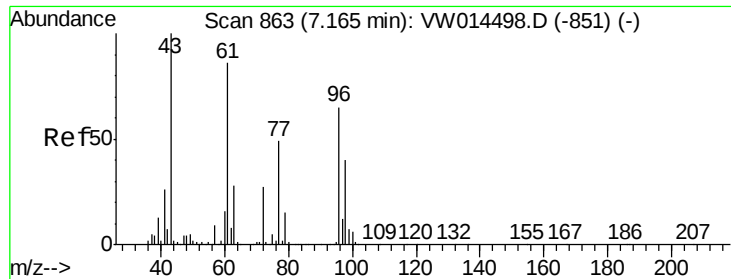
Tgt Ion: 43 Resp: 3629142
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 49.659 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 63 Resp: 711112
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.3 2.5 7.4





#25

2-Butanone

Concen: 247.756 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampled :

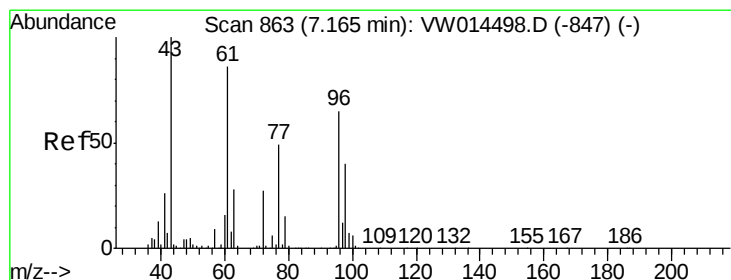
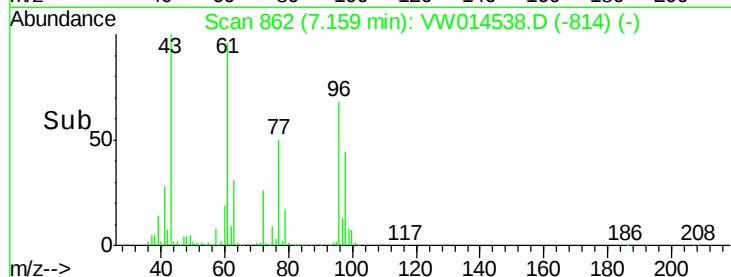
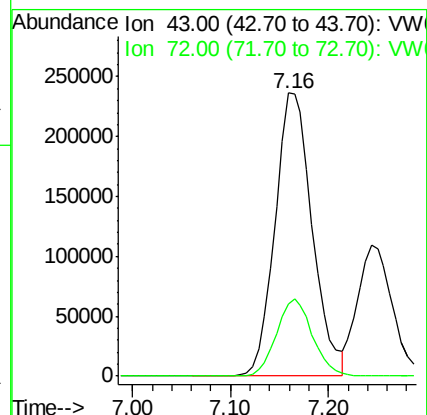
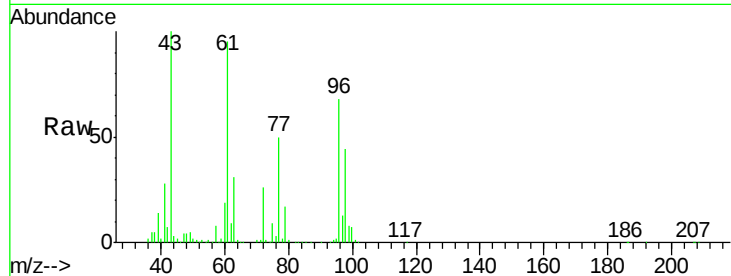
VSTDCCC050EC

Tgt Ion: 43 Resp: 626040

Ion Ratio Lower Upper

43 100

72 25.7 21.9 32.9



#26

2,2-Dichloropropane

Concen: 44.947 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014538.D

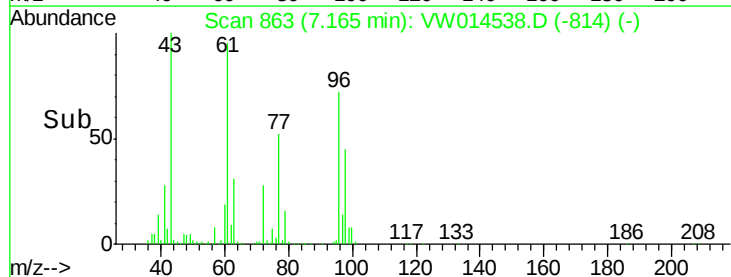
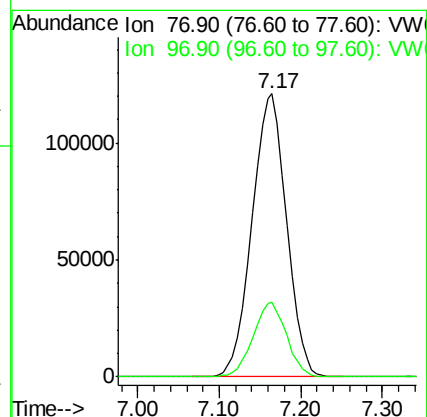
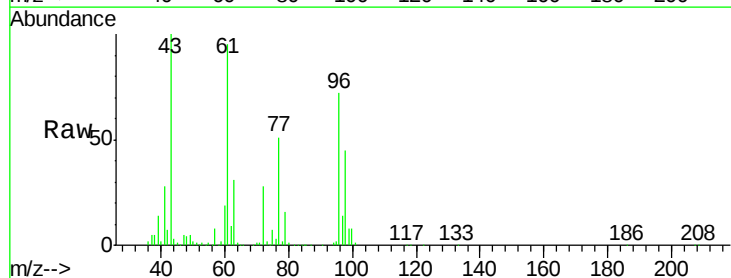
Acq: 06 Jan 2020 22:03

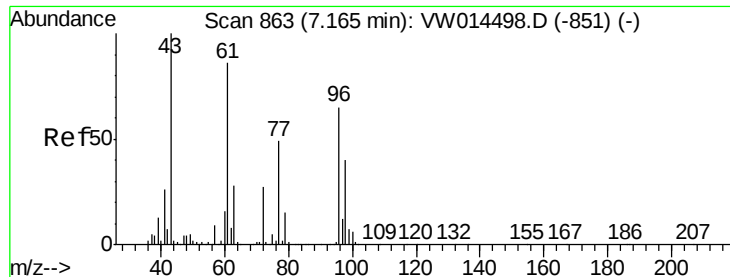
Tgt Ion: 77 Resp: 356348

Ion Ratio Lower Upper

77 100

97 25.4 12.5 37.5



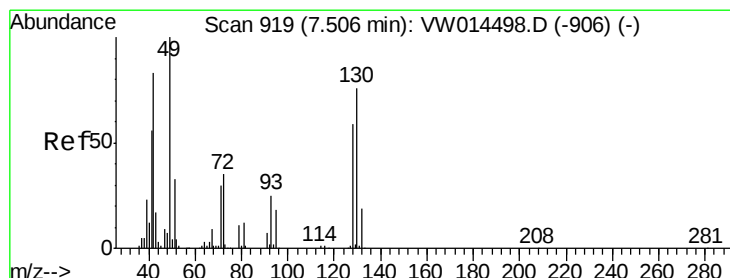
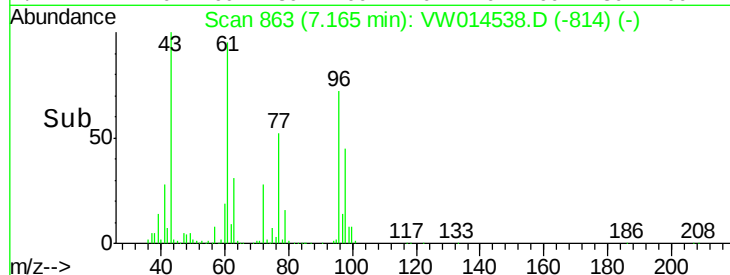
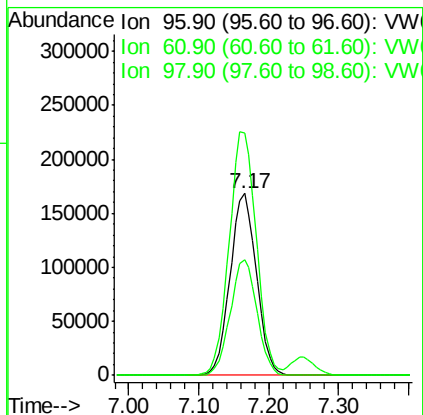
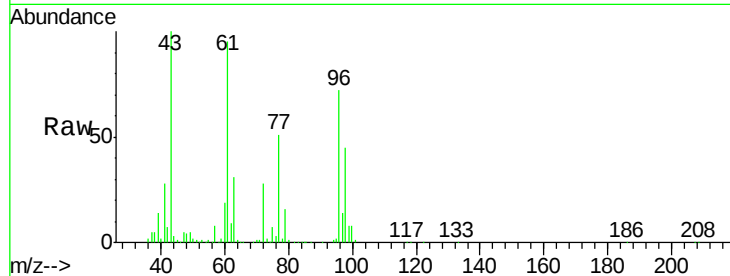


#27

cis-1,2-Dichloroethene
Concen: 49.795 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

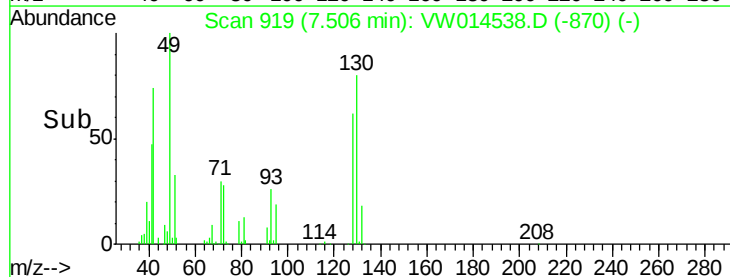
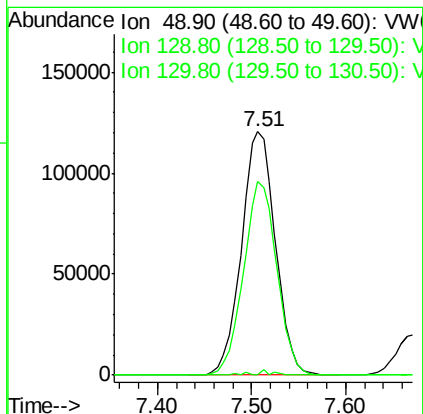
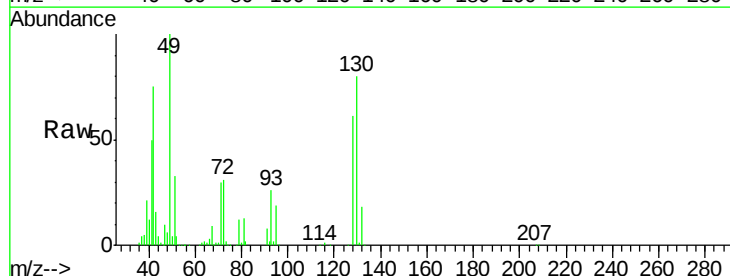
Tgt Ion: 96 Resp: 440945
Ion Ratio Lower Upper
96 100
61 138.1 0.0 274.8
98 64.1 0.0 128.6

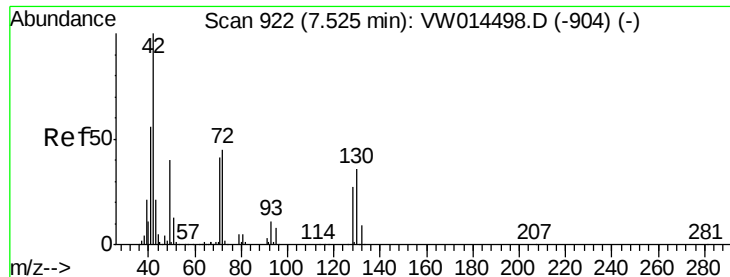


#28

Bromochloromethane
Concen: 54.145 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 49 Resp: 303978
Ion Ratio Lower Upper
49 100
129 0.7 0.0 2.0
130 78.3 62.5 93.7

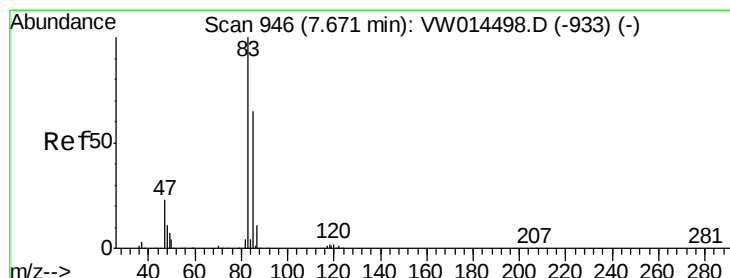
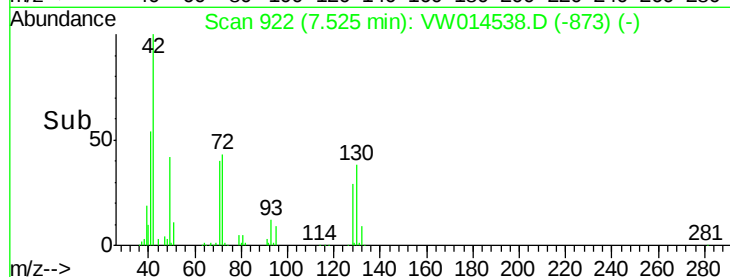
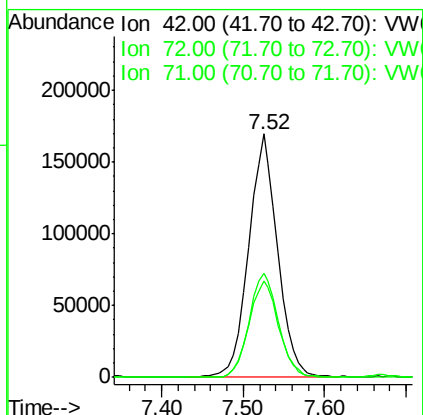
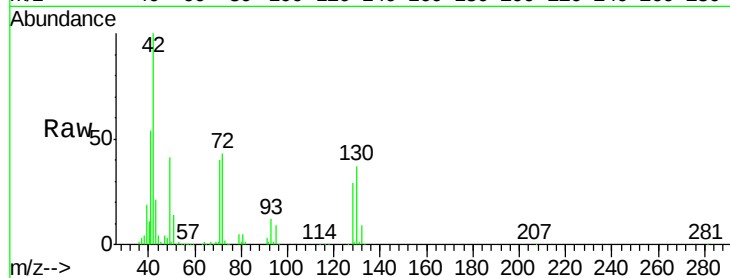




#29
Tetrahydrofuran
Concen: 266.797 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

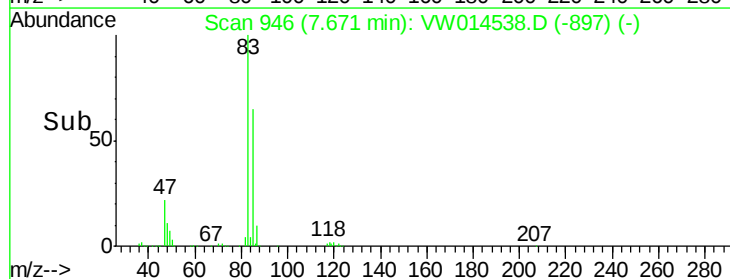
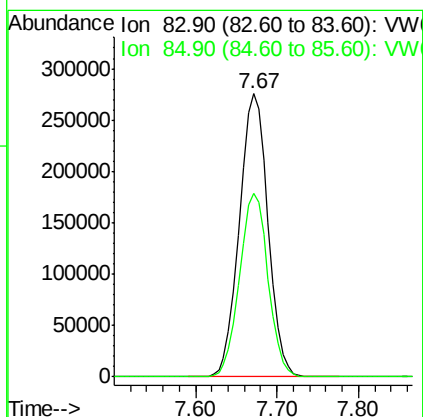
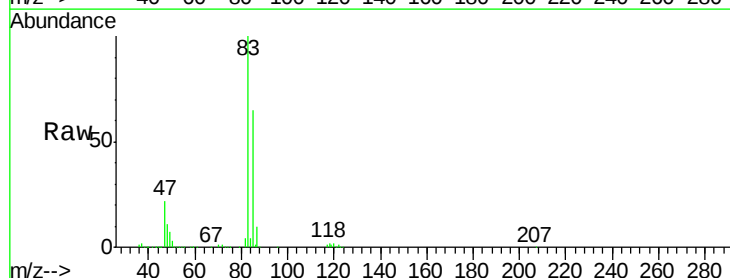
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

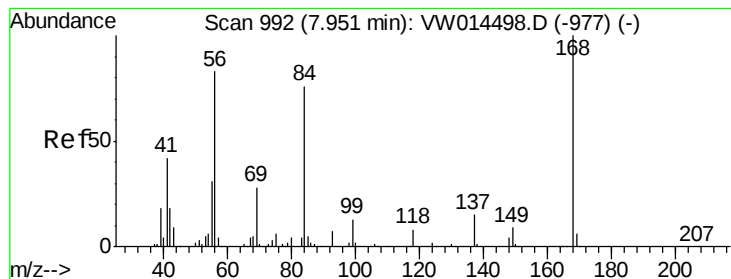
Tgt Ion: 42 Resp: 417642
Ion Ratio Lower Upper
42 100
72 43.9 34.5 51.7
71 41.1 32.0 48.0



#30
Chloroform
Concen: 49.909 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 83 Resp: 668339
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.2





#31

Cyclohexane

Concen: 47.570 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

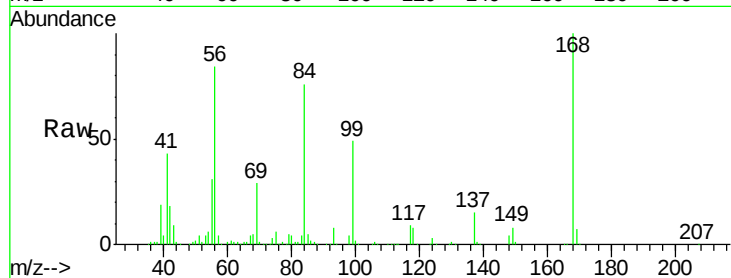
Tgt Ion: 56 Resp: 707943

Ion Ratio Lower Upper

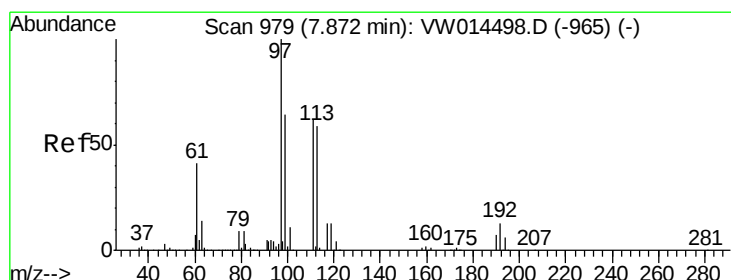
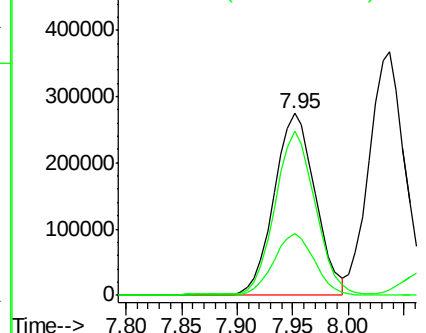
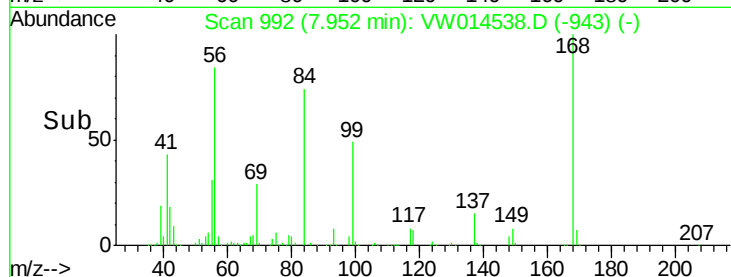
56 100

69 33.9 26.8 40.2

84 89.4 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: 49.771 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

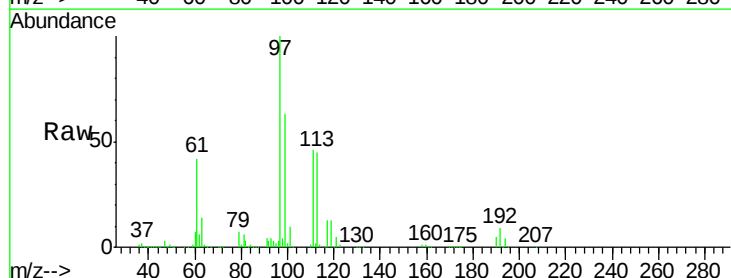
Tgt Ion: 97 Resp: 536037

Ion Ratio Lower Upper

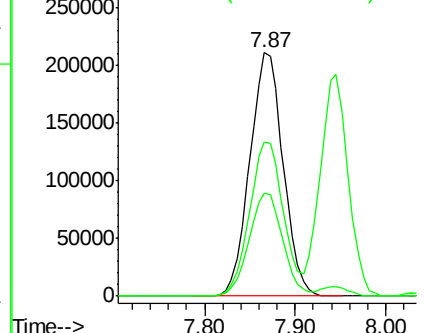
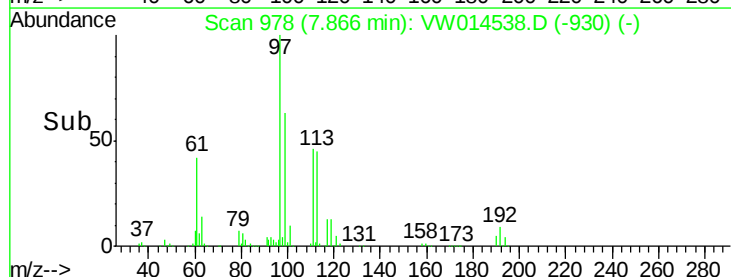
97 100

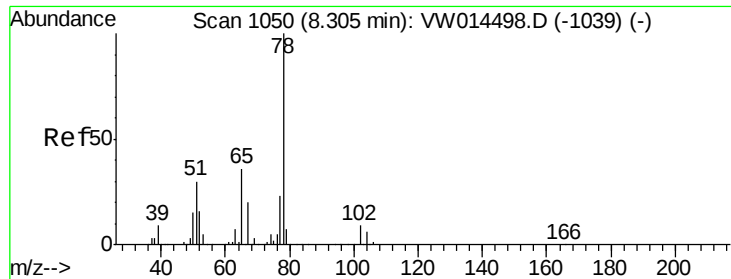
99 64.9 51.8 77.6

61 42.5 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

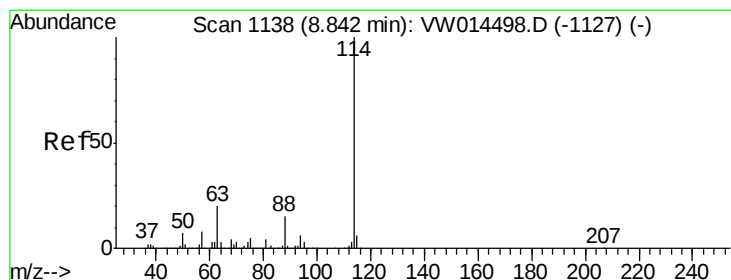
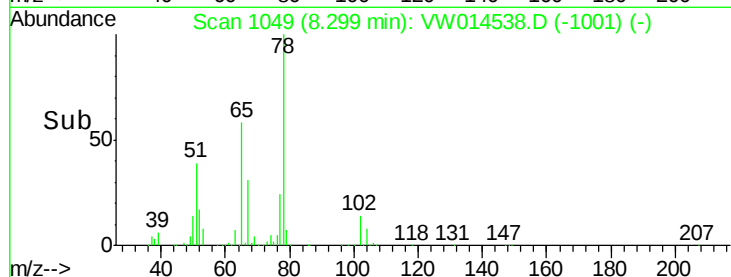
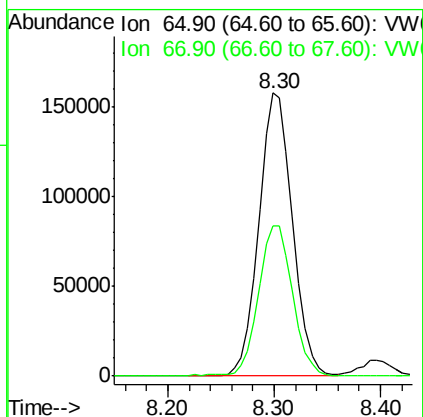
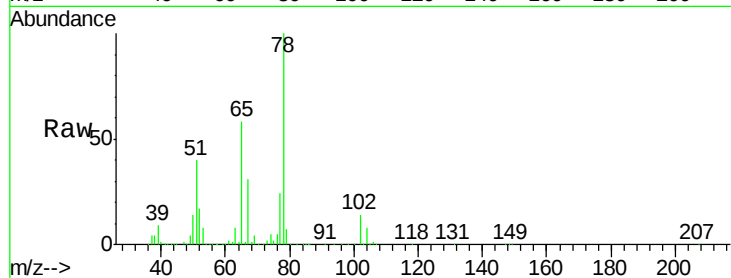




#33
 1,2-Dichloroethane-d4
 Concen: 49.672 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

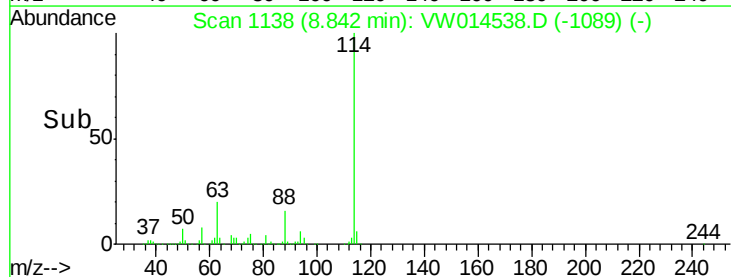
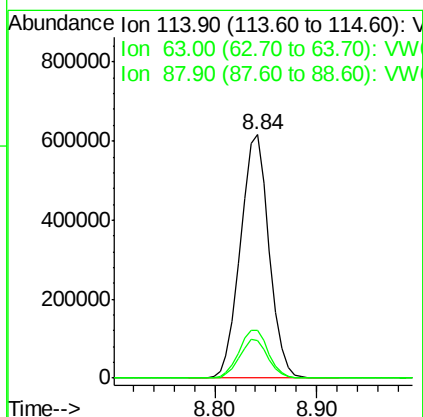
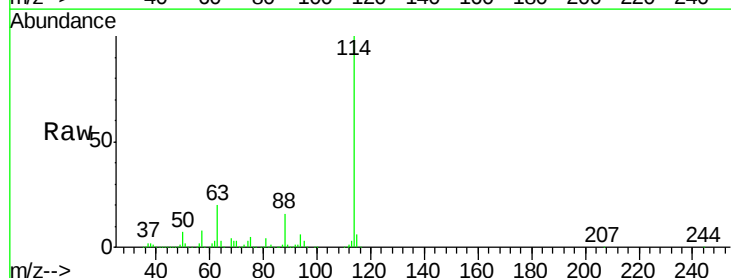
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

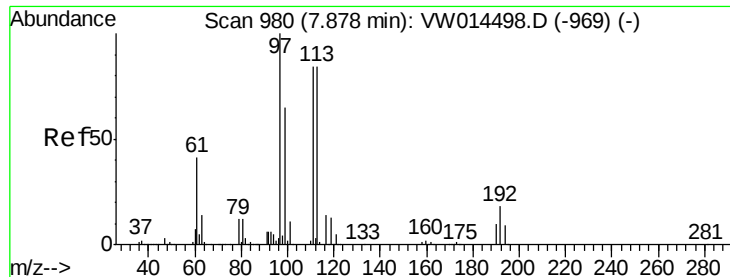
Tgt Ion: 65 Resp: 346367
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 114 Resp: 1200387
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.4
 88 15.6 0.0 30.6

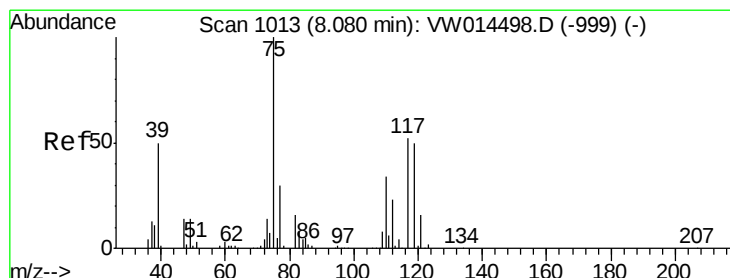
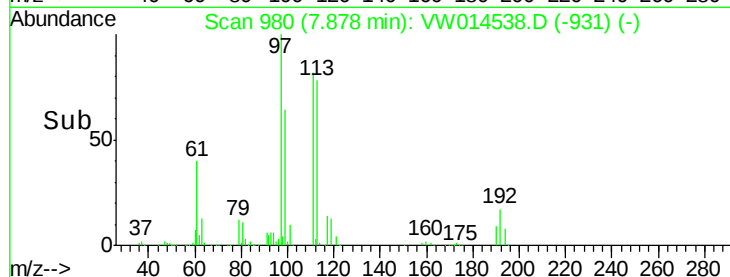
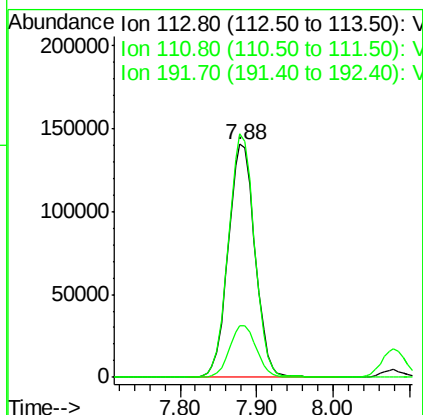
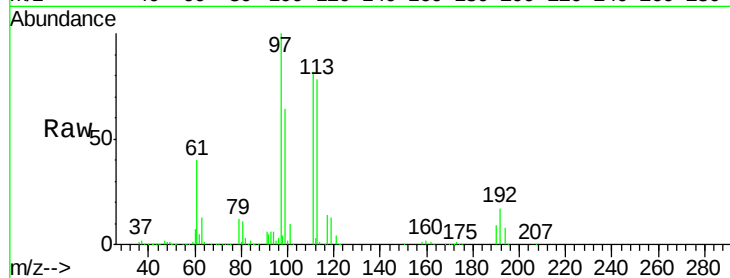




#35
 Dibromofluoromethane
 Concen: 49.495 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

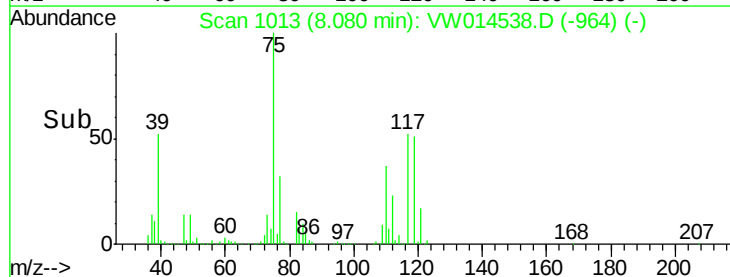
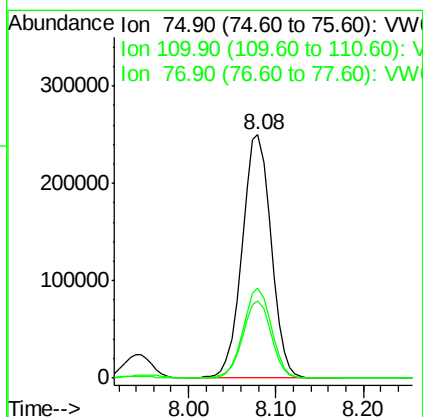
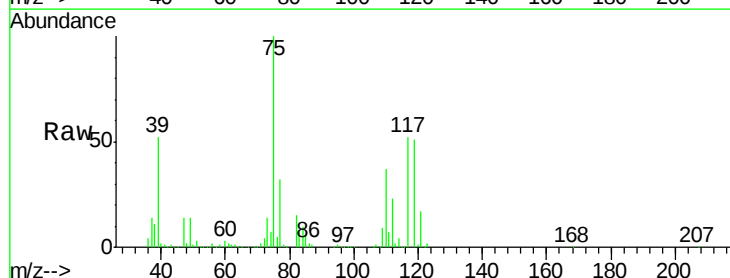
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

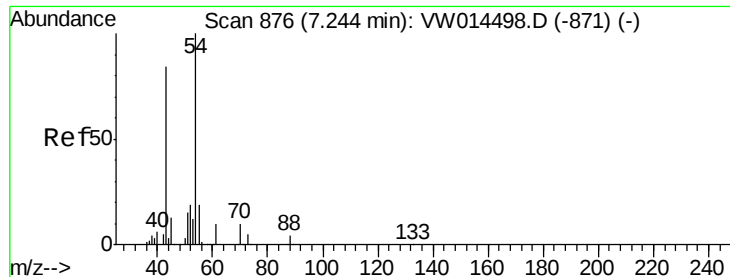
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 49.581 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.5
77	31.3	24.7	37.1

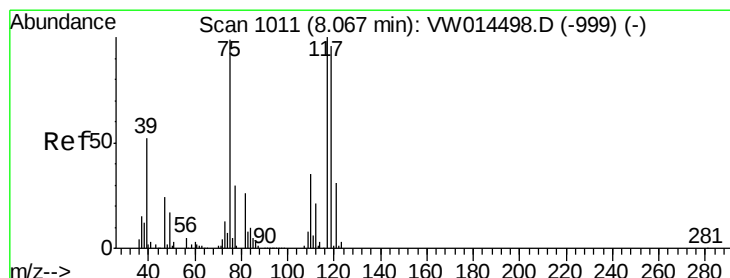
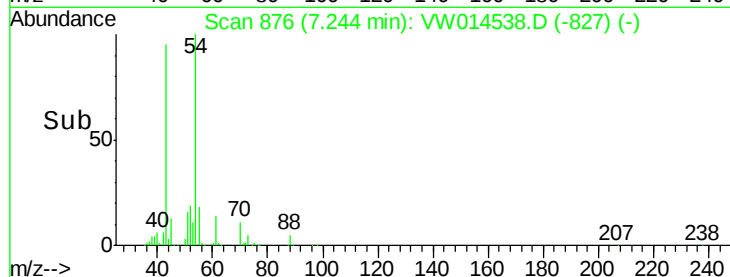
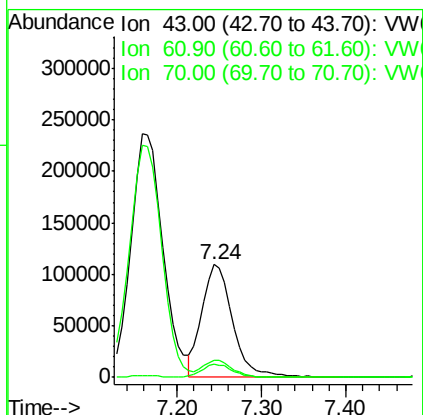
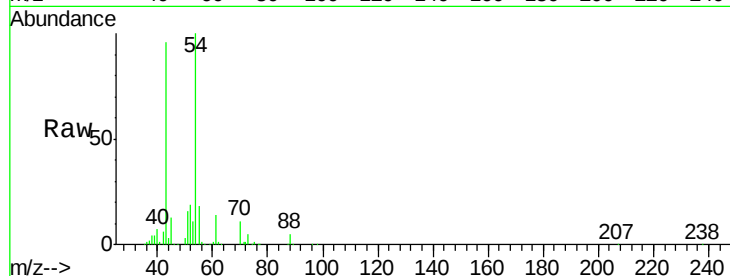




#37
 Ethyl Acetate
 Concen: 52.390 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

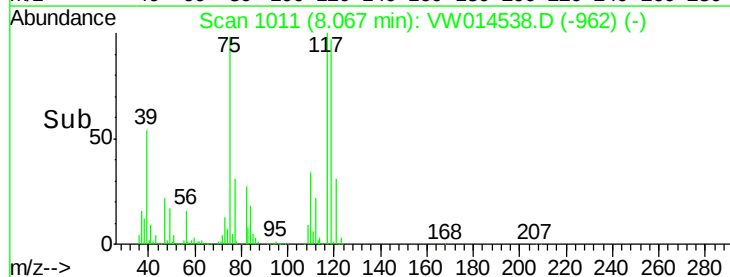
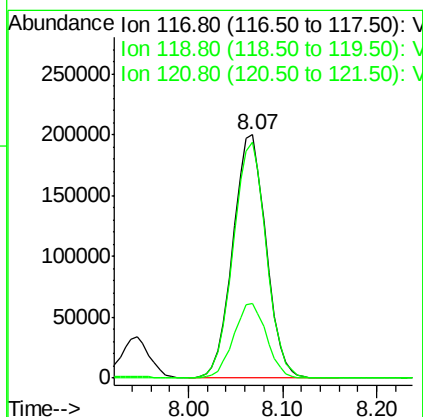
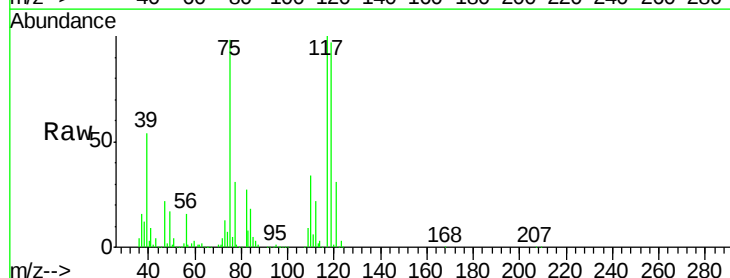
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

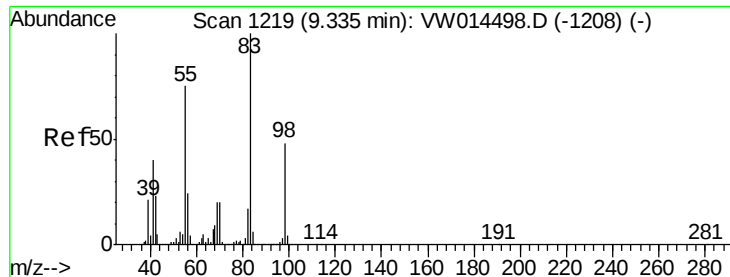
Tgt Ion: 43 Resp: 274967
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.7 17.5
 70 11.4 9.0 13.6



#38
 Carbon Tetrachloride
 Concen: 48.946 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 117 Resp: 491397
 Ion Ratio Lower Upper
 117 100
 119 97.2 77.0 115.6
 121 30.7 24.6 36.8

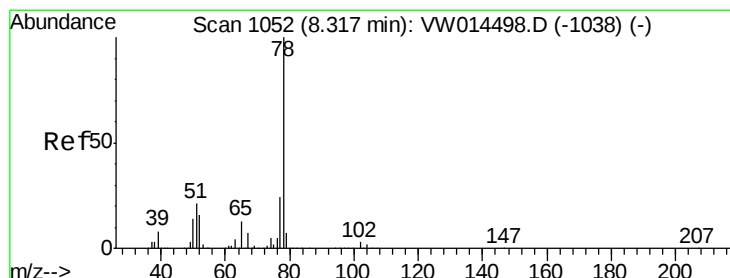
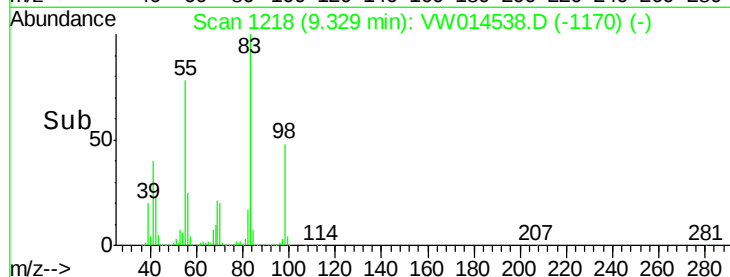
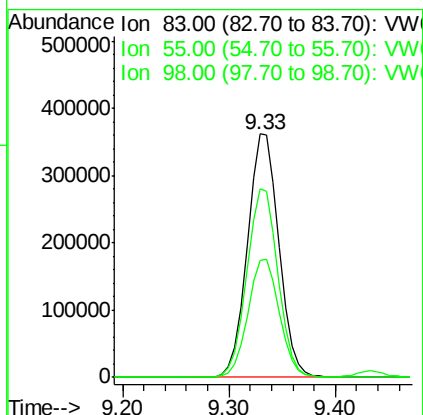
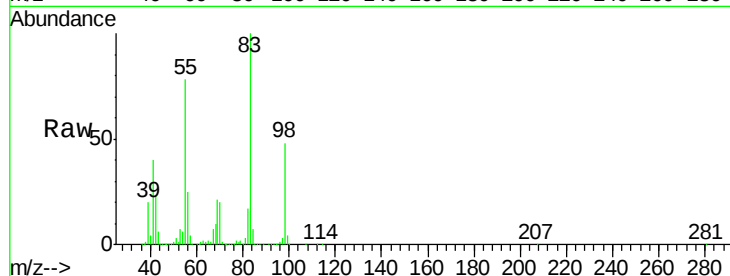




#39
Methylcyclohexane
Concen: 50.586 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

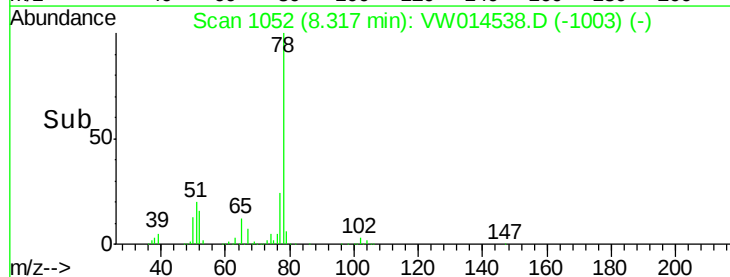
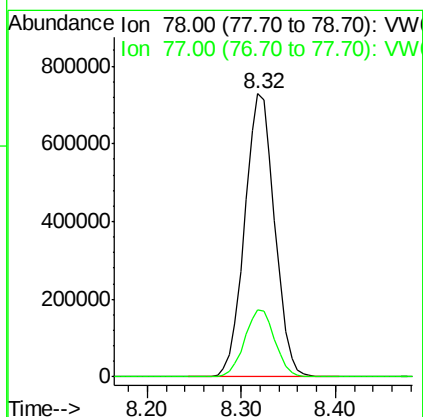
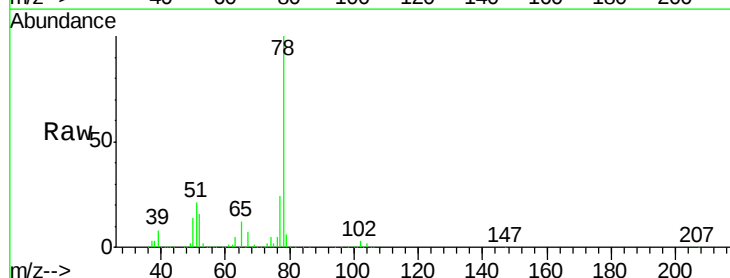
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

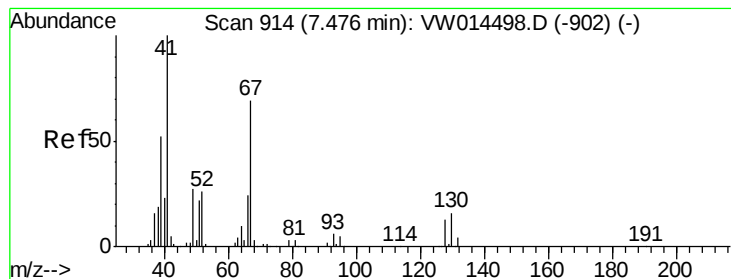
Tgt Ion: 83 Resp: 751244
Ion Ratio Lower Upper
83 100
55 77.7 60.1 90.1
98 48.1 38.8 58.2



#40
Benzene
Concen: 49.673 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 78 Resp: 1626401
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41

Methacrylonitrile

Concen: 60.386 ug/l

RT: 7.48 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 176666

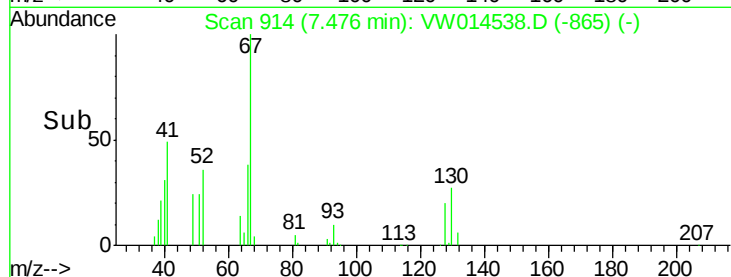
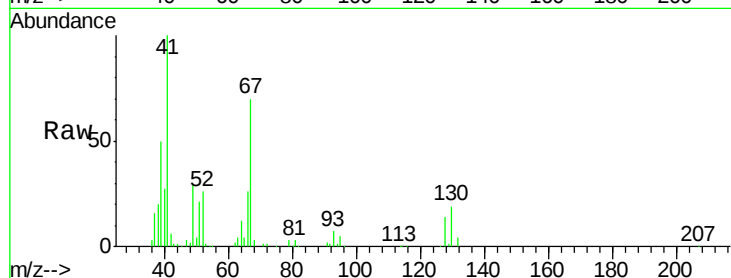
Ion Ratio Lower Upper

41 100

39 50.1 46.0 69.0

67 66.9 60.8 91.2

52 26.7 23.7 35.5

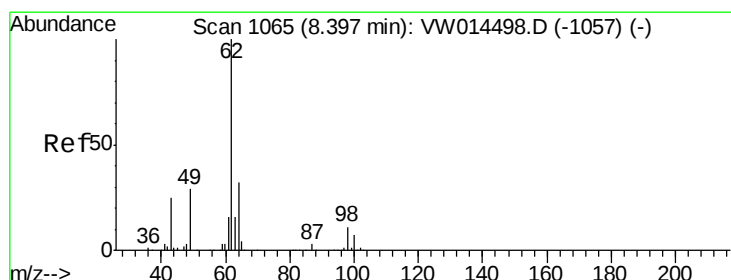
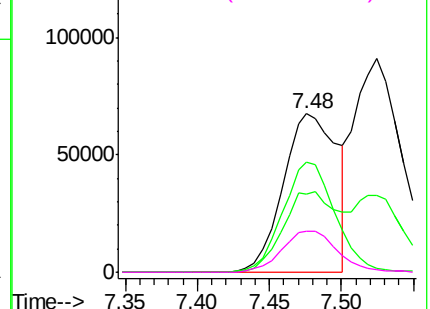


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 50.028 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW014538.D

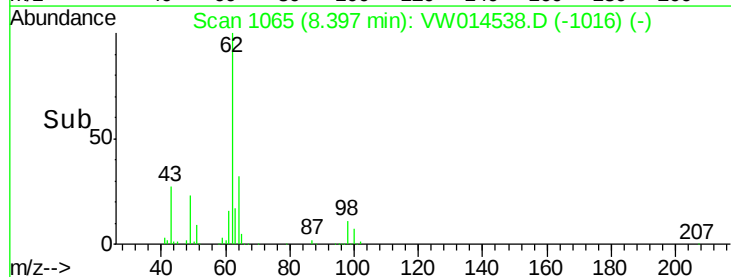
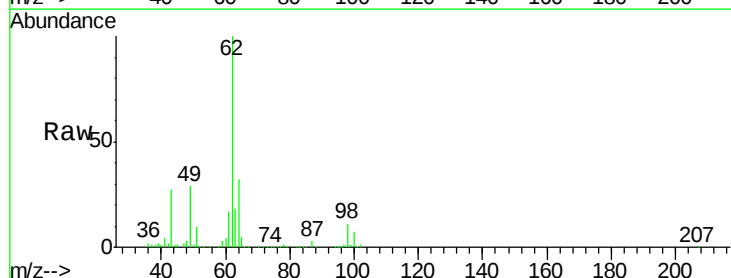
Acq: 06 Jan 2020 22:03

Tgt Ion: 62 Resp: 425082

Ion Ratio Lower Upper

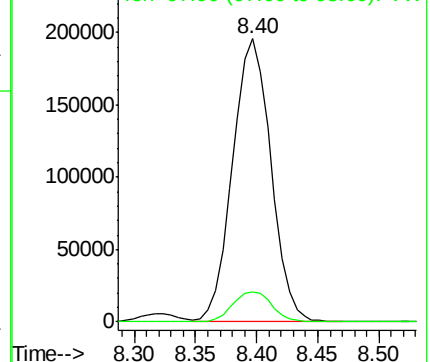
62 100

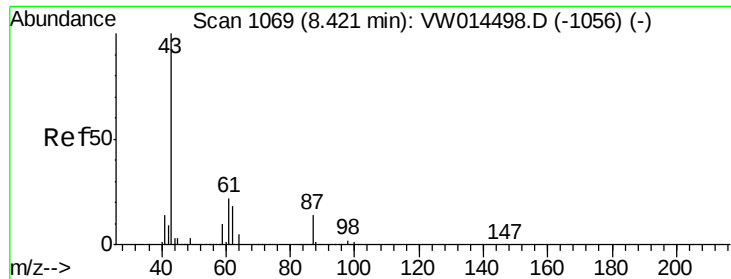
98 10.9 0.0 22.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

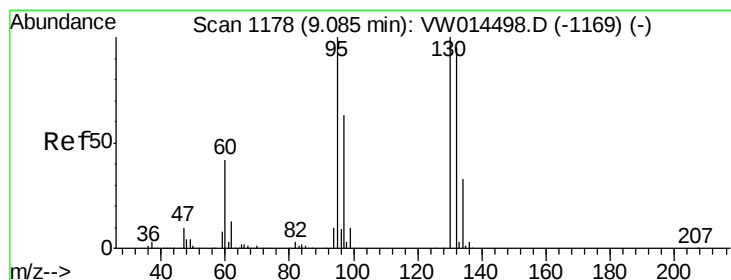
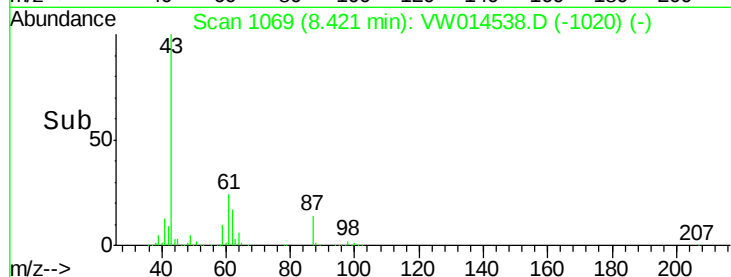
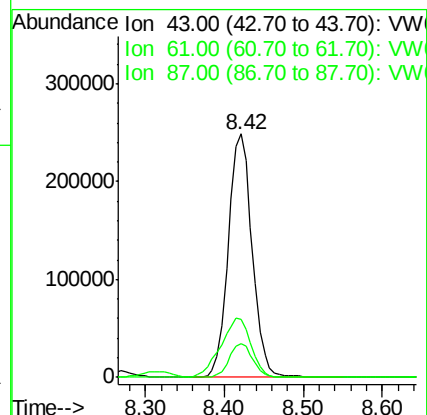
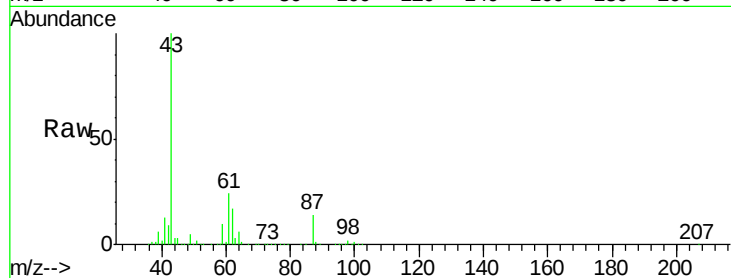




#43
Isopropyl Acetate
Concen: 54.697 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

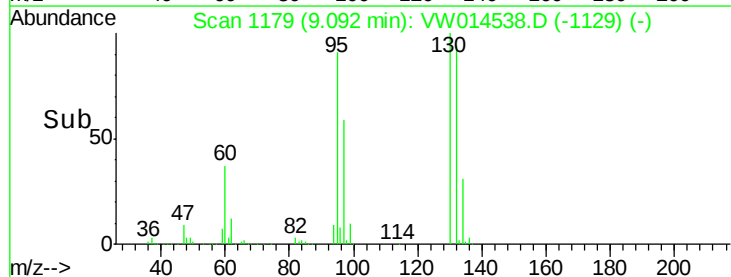
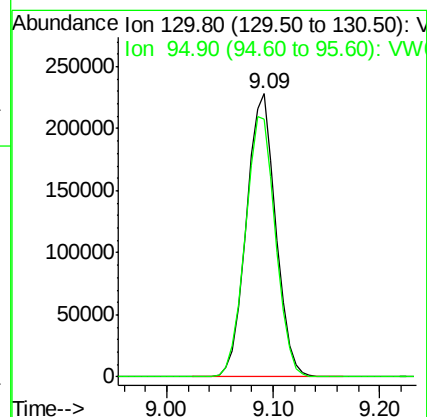
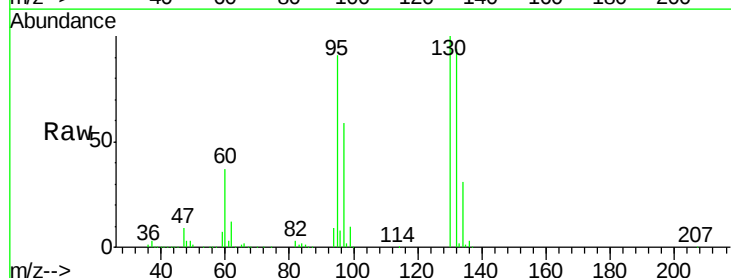
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

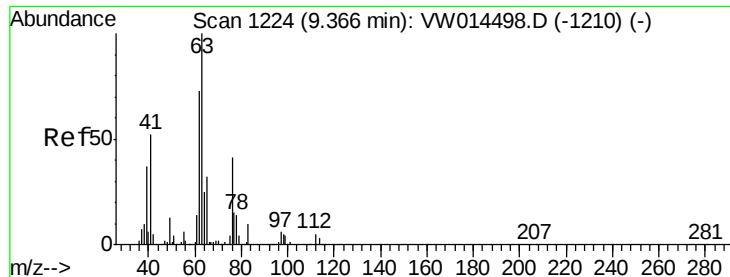
Tgt Ion: 43 Resp: 521289
Ion Ratio Lower Upper
43 100
61 30.7 24.7 37.1
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 49.821 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 130 Resp: 441404
Ion Ratio Lower Upper
130 100
95 91.0 0.0 199.4





#45

1,2-Dichloropropane

Concen: 50.218 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

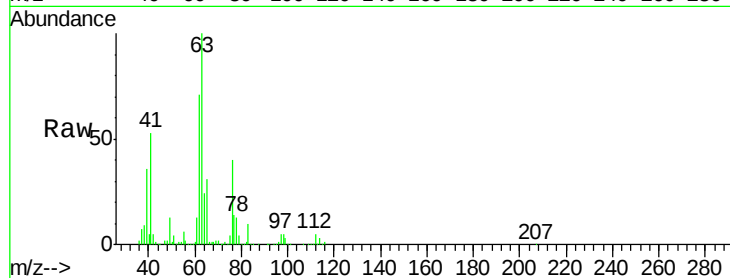
VSTDCCC050EC

Tgt Ion: 63 Resp: 403482

Ion Ratio Lower Upper

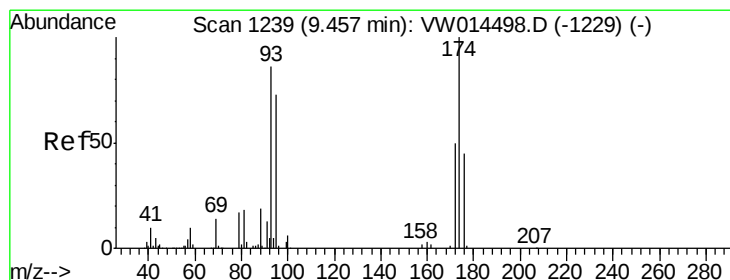
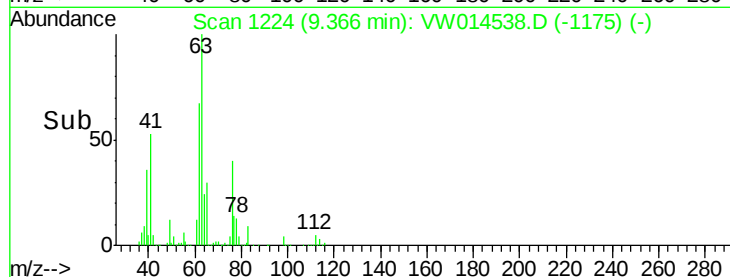
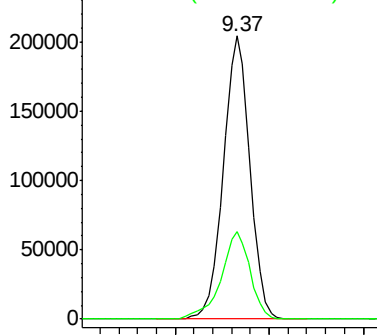
63 100

65 30.7 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.074 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

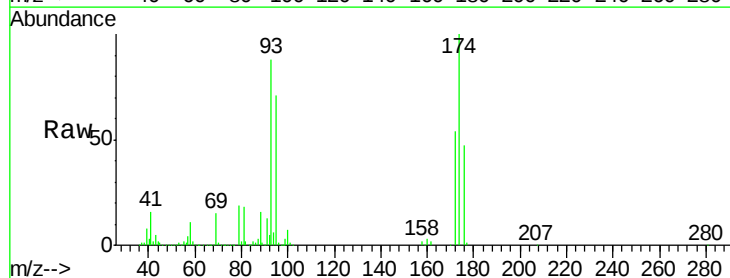
Tgt Ion: 93 Resp: 202581

Ion Ratio Lower Upper

93 100

95 82.8 66.4 99.6

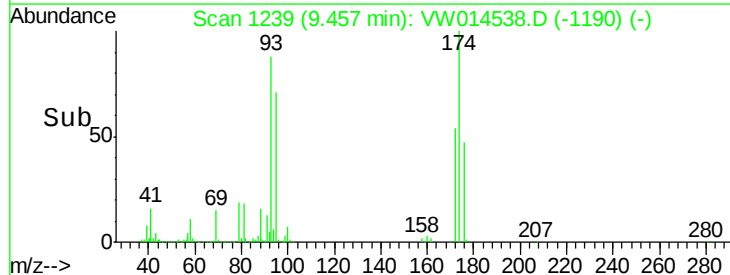
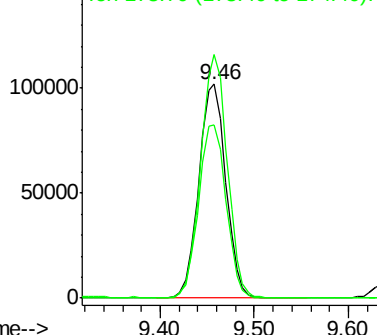
174 112.5 89.1 133.7

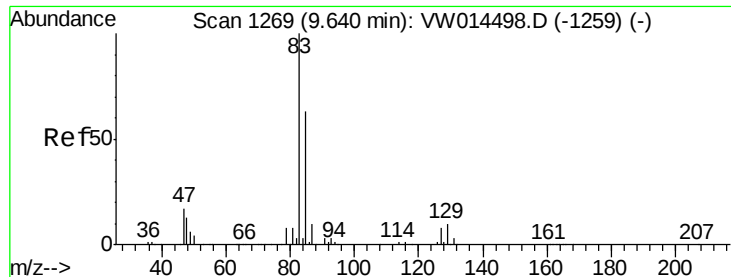


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

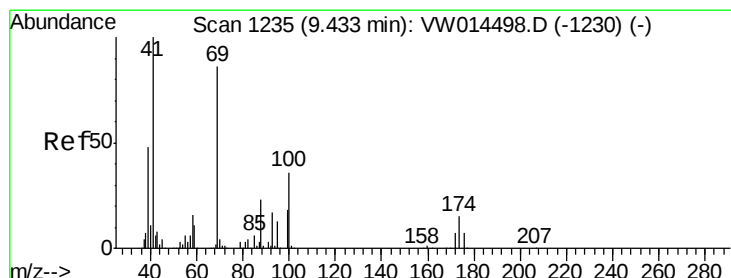
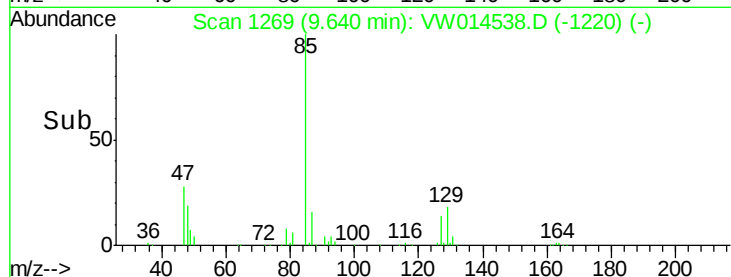
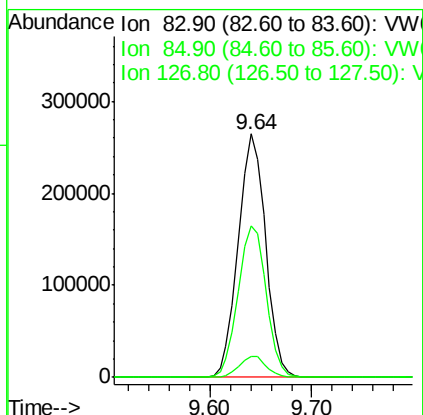
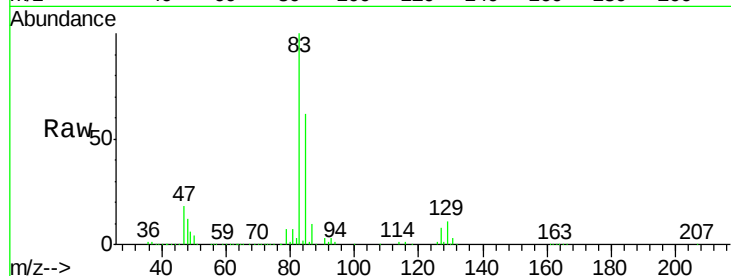




#47
 Bromodichloromethane
 Concen: 50.244 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

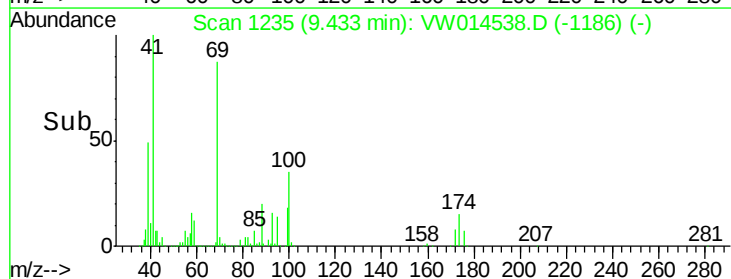
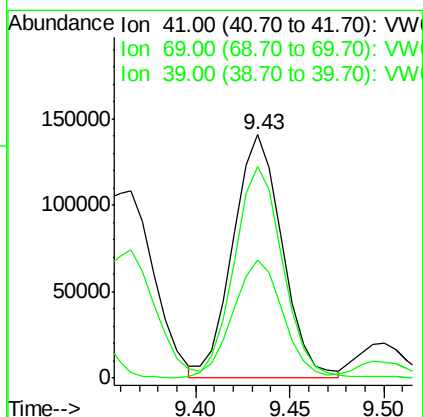
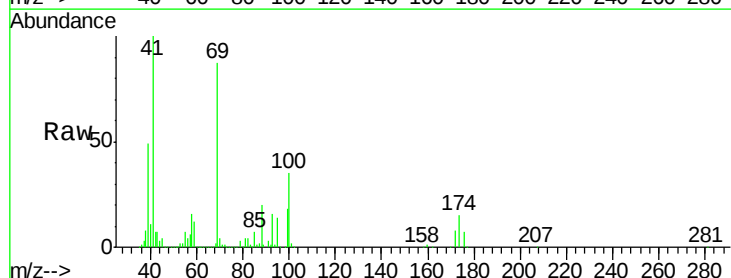
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

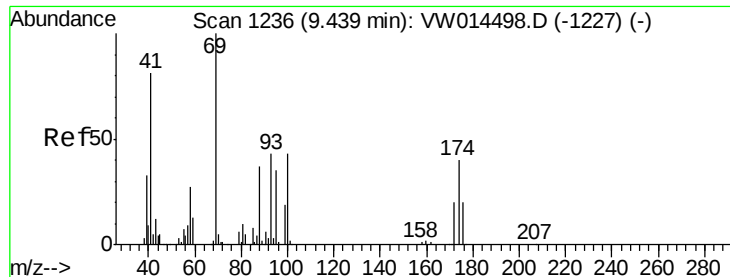
Tgt Ion: 83 Resp: 492022
 Ion Ratio Lower Upper
 83 100
 85 62.2 50.6 76.0
 127 8.5 6.6 9.8



#48
 Methyl methacrylate
 Concen: 54.579 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 41 Resp: 253968
 Ion Ratio Lower Upper
 41 100
 69 86.3 68.3 102.5
 39 45.5 36.8 55.2





#49

1,4-Dioxane

Concen: 1011.647 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

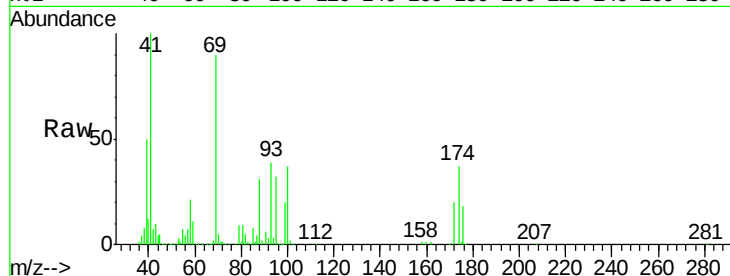
Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 75050

Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.9	37.3
58	73.1	56.9	85.3

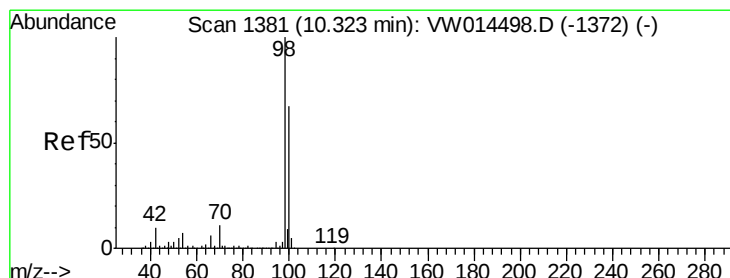
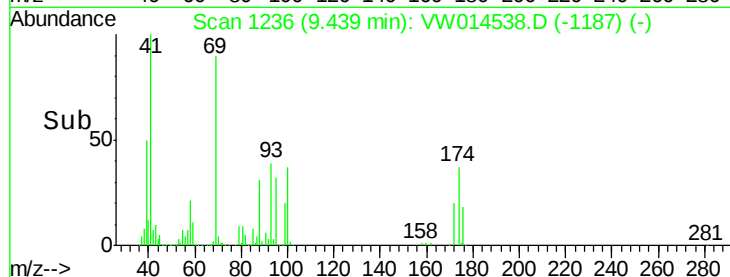
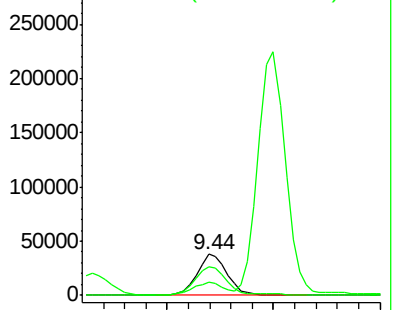


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.071 ug/l

RT: 10.32 min Scan# 1381

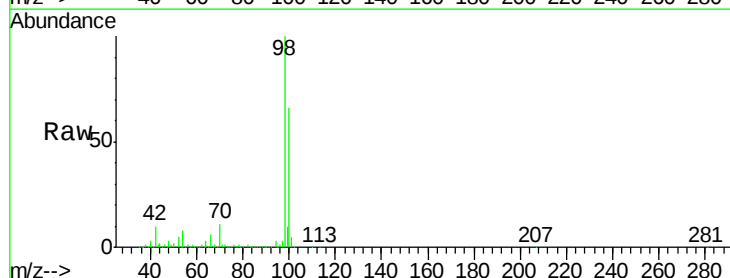
Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Tgt Ion: 98 Resp: 1404908

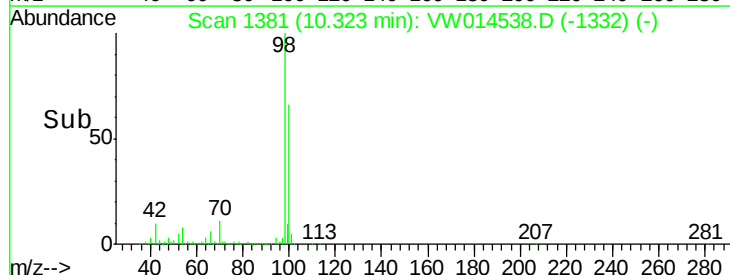
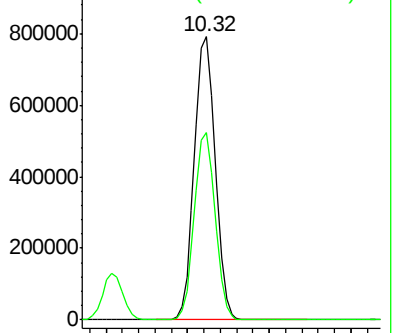
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.8	80.6

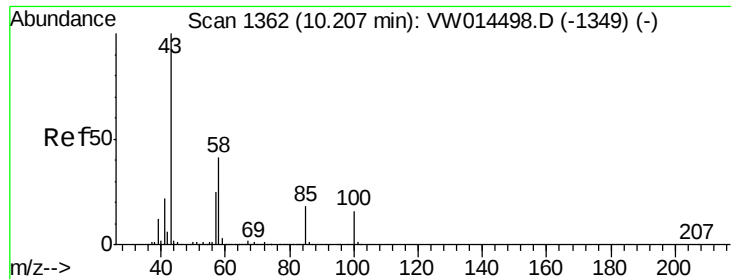


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

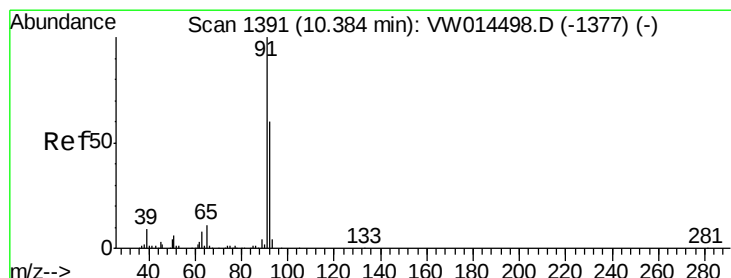
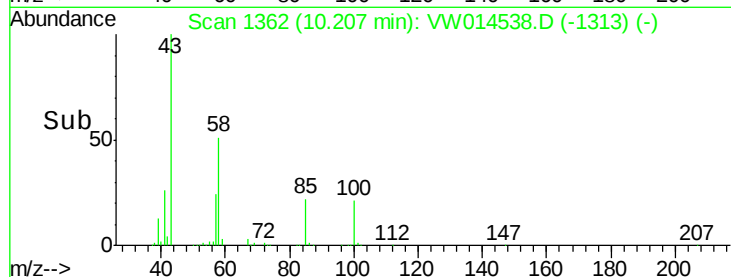
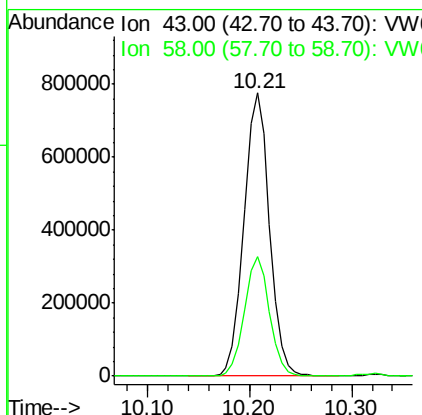
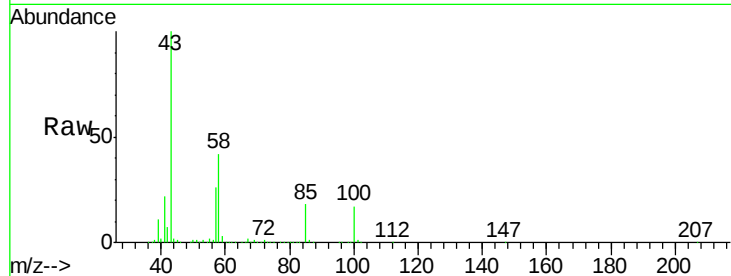




#51
 4-Methyl-2-Pentanone
 Concen: 272.451 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

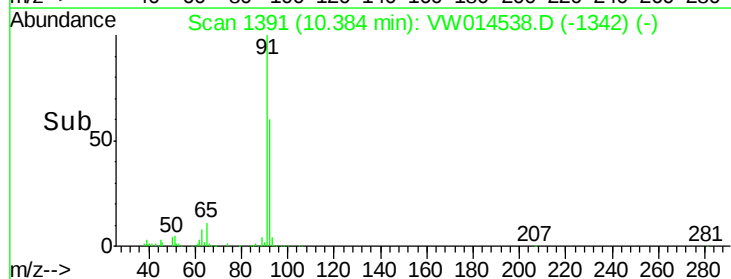
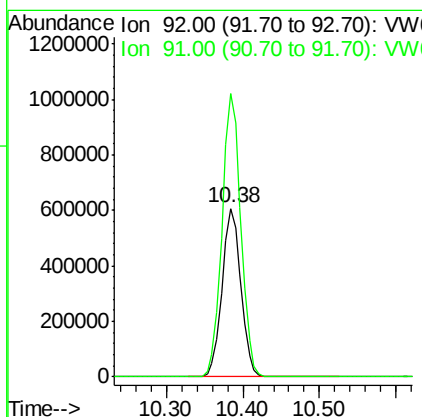
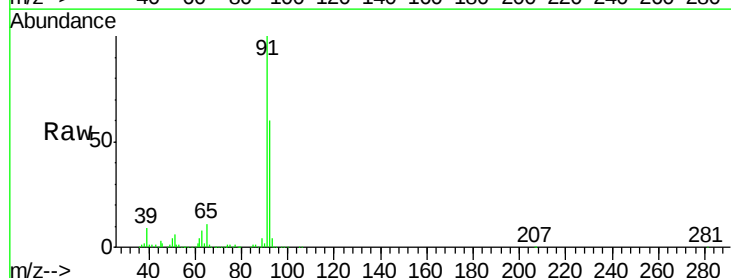
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

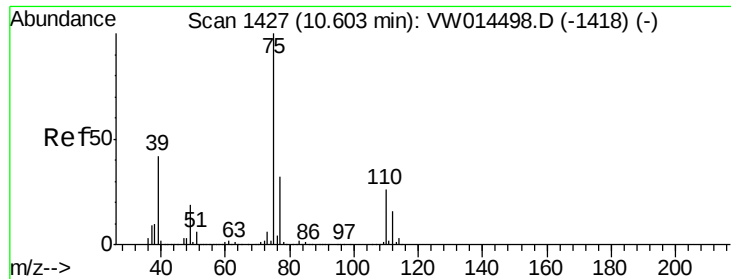
Tgt Ion: 43 Resp: 1348417
 Ion Ratio Lower Upper
 43 100
 58 41.5 32.7 49.1



#52
 Toluene
 Concen: 50.023 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 92 Resp: 1030389
 Ion Ratio Lower Upper
 92 100
 91 167.9 134.1 201.1

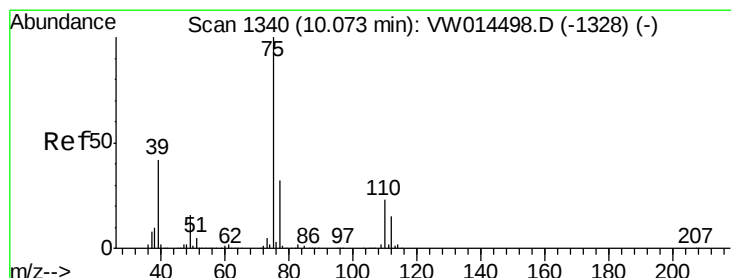
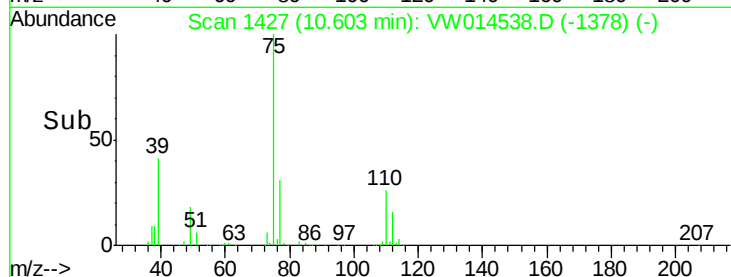
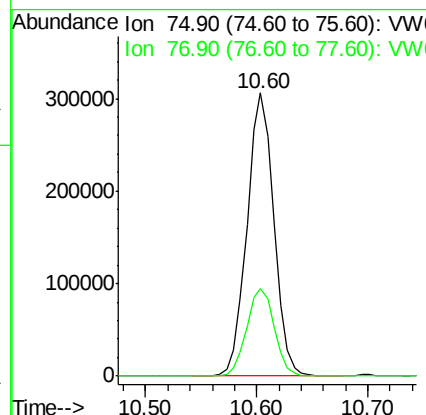
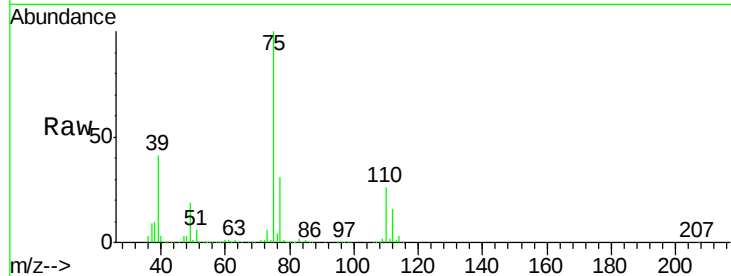




#53
t-1,3-Dichloropropene
Concen: 50.521 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

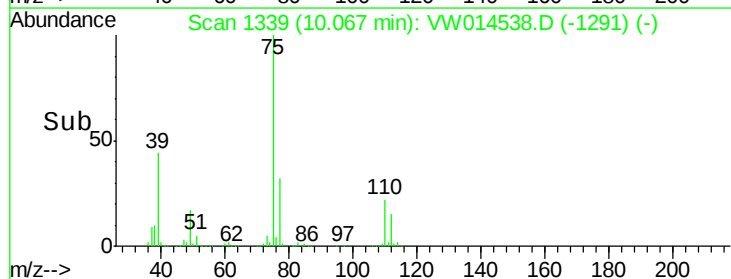
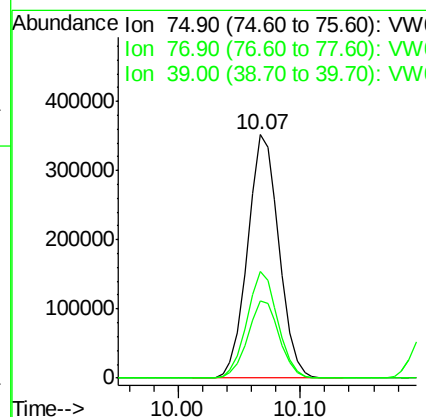
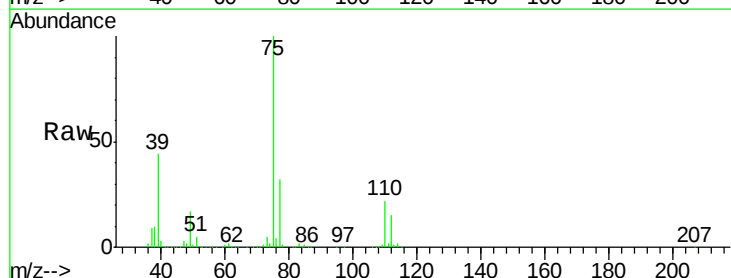
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

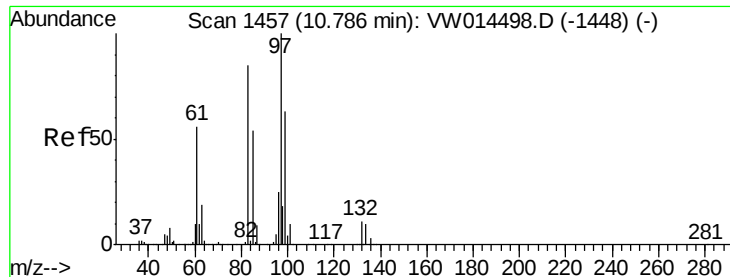
Tgt Ion: 75 Resp: 512240
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.396 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 75 Resp: 624499
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 43.7 33.4 50.2

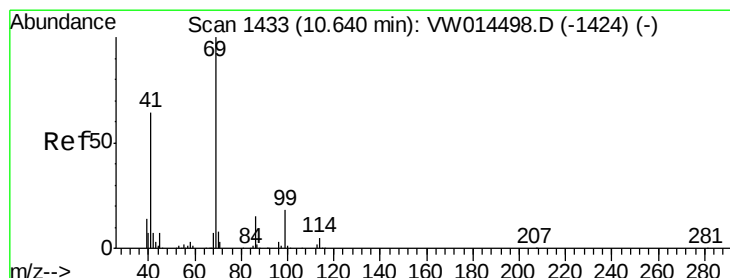
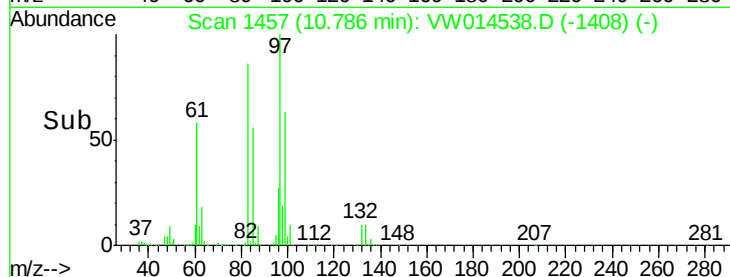
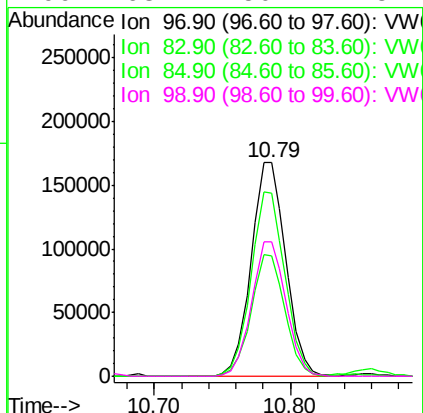
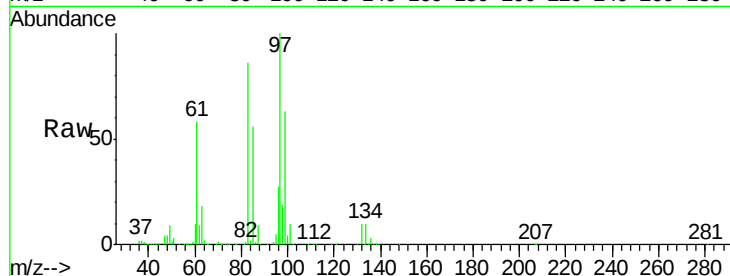




#55
 1,1,2-Trichloroethane
 Concen: 51.592 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

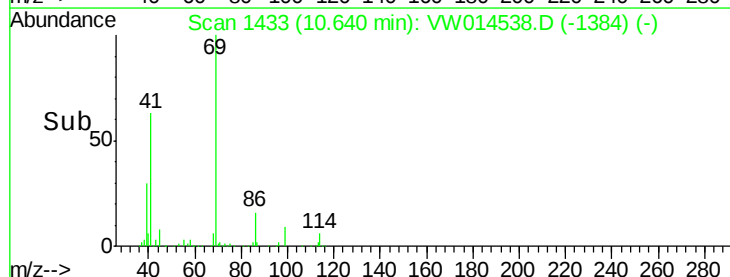
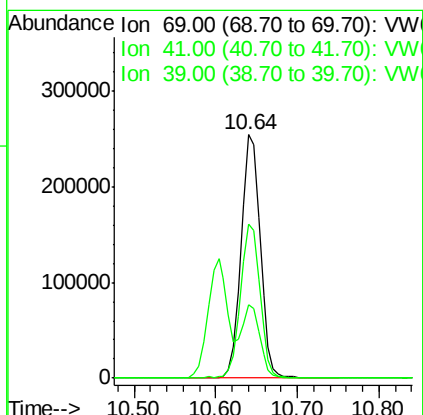
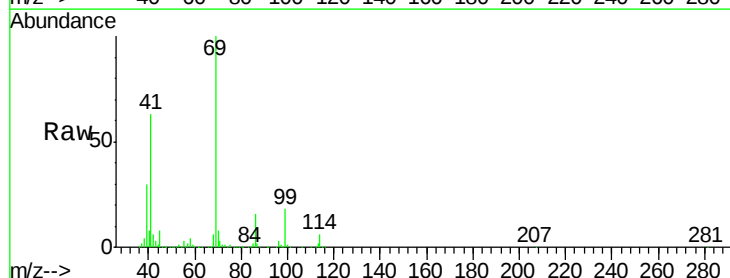
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

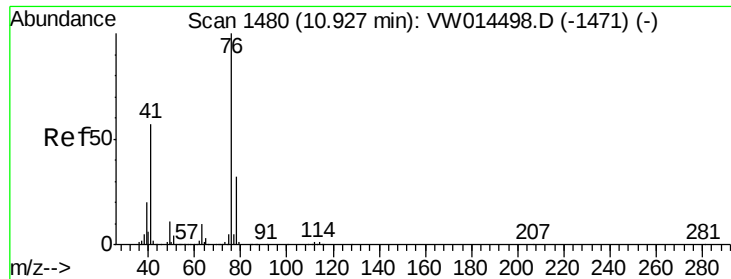
Tgt Ion:	97	Resp:	298866
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.2	102.4
85	56.3	43.0	64.4
99	63.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 54.684 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion:	69	Resp:	411686
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.3	76.9
39	25.8	21.0	31.6

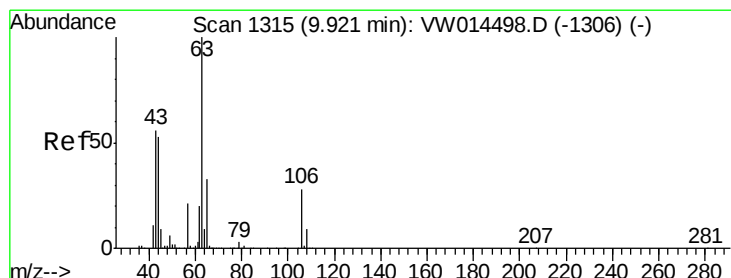
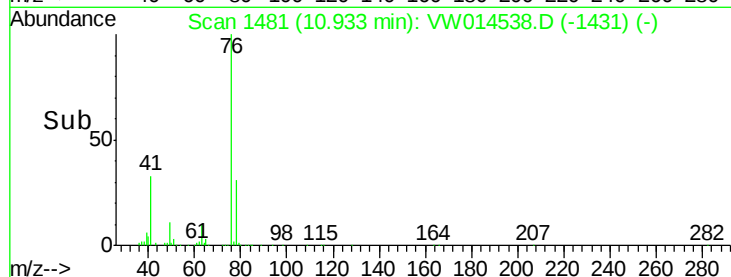
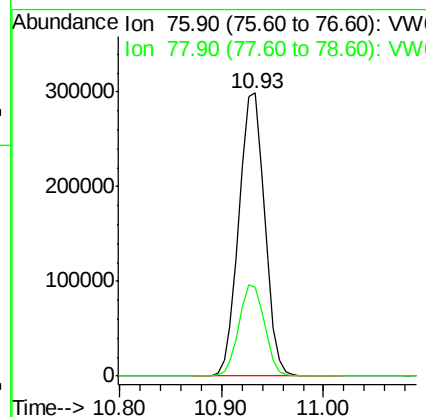
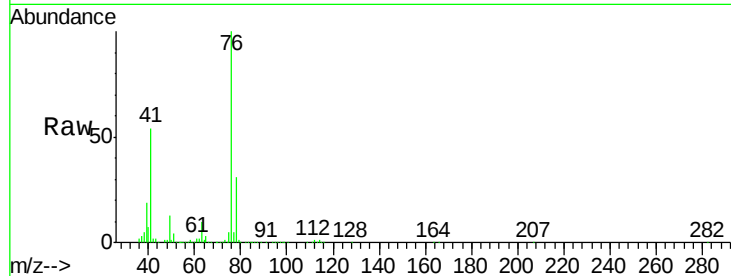




#57
 1,3-Dichloropropane
 Concen: 51.299 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

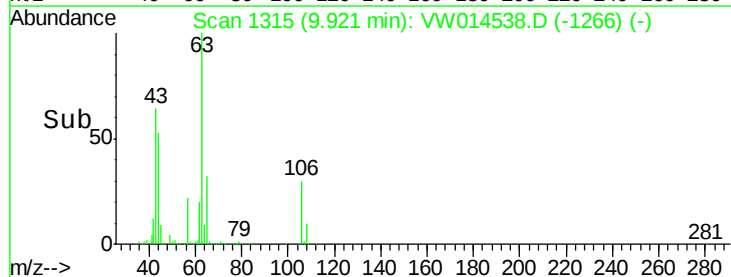
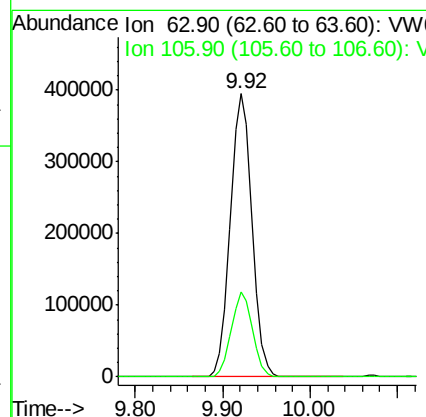
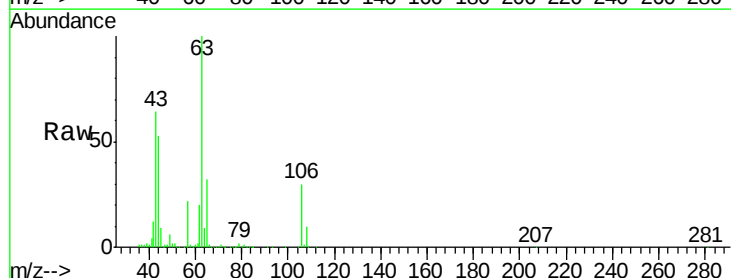
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

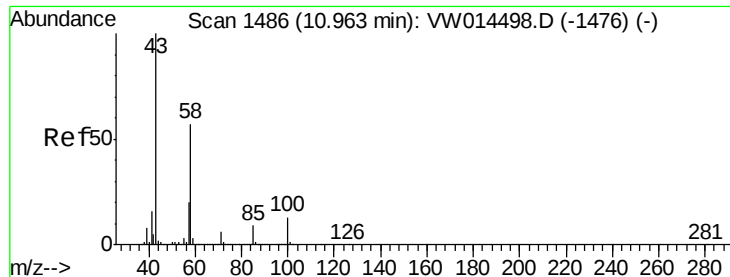
Tgt Ion: 76 Resp: 522289
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.967 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 63 Resp: 677658
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.0 34.6





#59

2-Hexanone

Concen: 269.276 ug/l

RT: 10.96 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

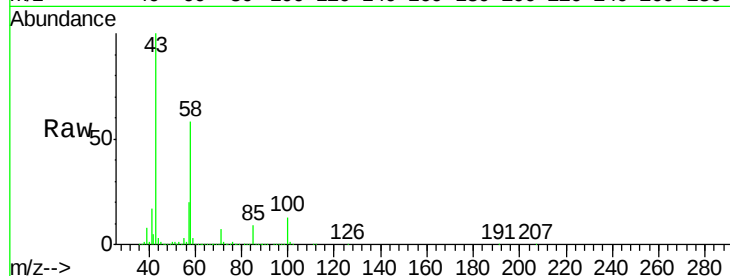
VSTDCCC050EC

Tgt Ion: 43 Resp: 918352

Ion Ratio Lower Upper

43 100

58 57.6 28.7 86.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.96

500000

400000

300000

200000

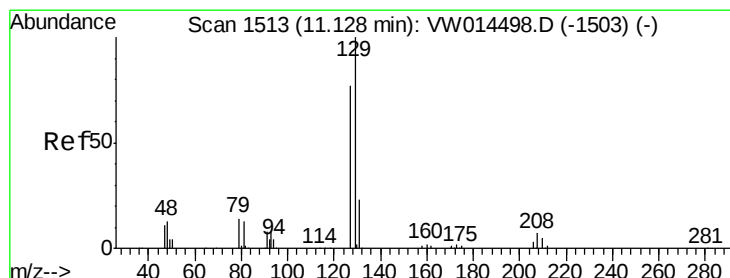
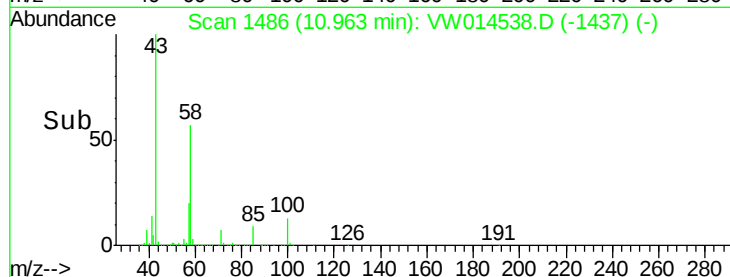
100000

0

10.90

11.00

Time-->



#60

Dibromochloromethane

Concen: 51.740 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW014538.D

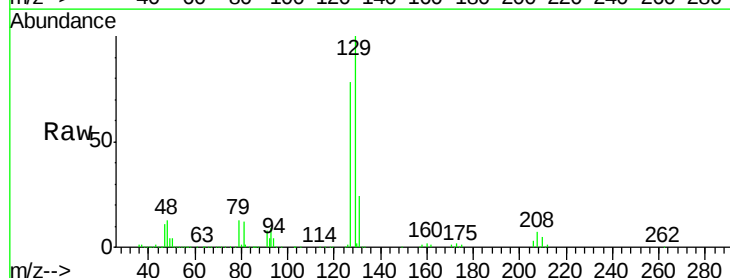
Acq: 06 Jan 2020 22:03

Tgt Ion: 129 Resp: 338178

Ion Ratio Lower Upper

129 100

127 76.6 38.1 114.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.13

200000

150000

100000

50000

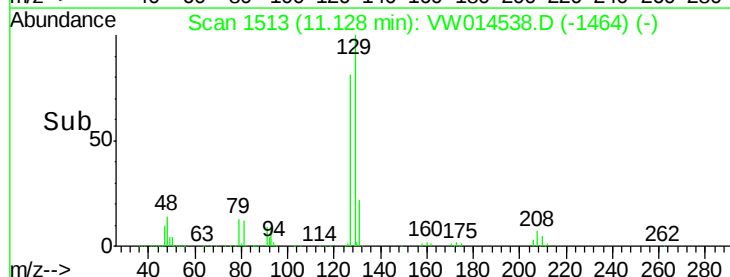
0

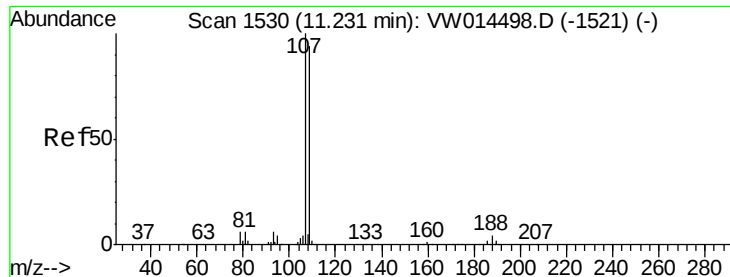
11.00

11.10

11.20

Time-->

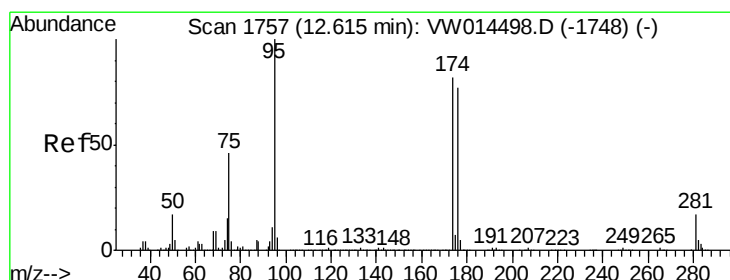
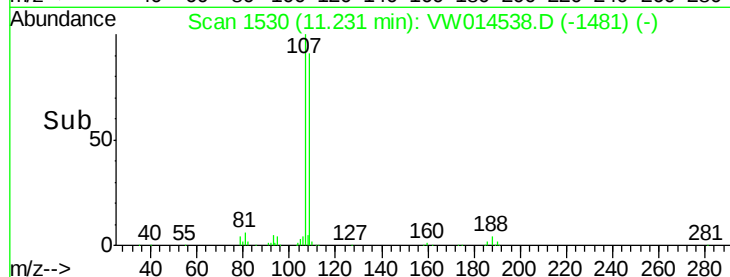
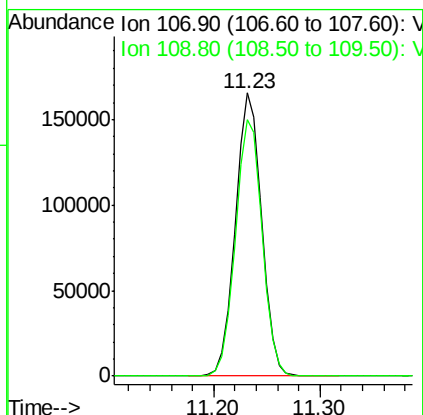
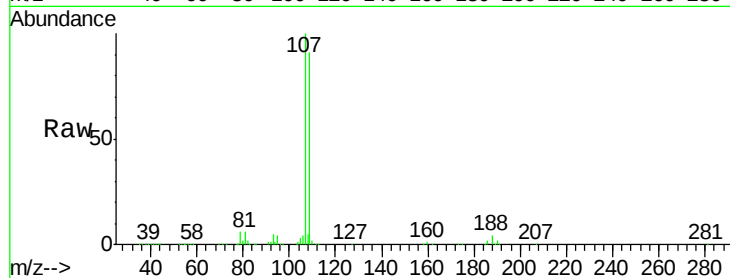




#61
 1,2-Dibromoethane
 Concen: 52.078 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

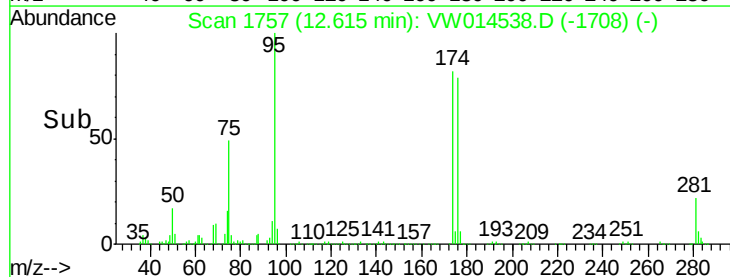
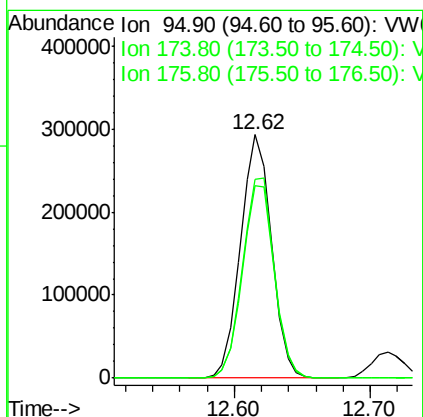
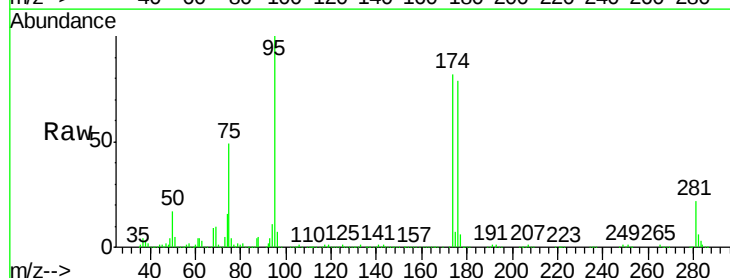
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

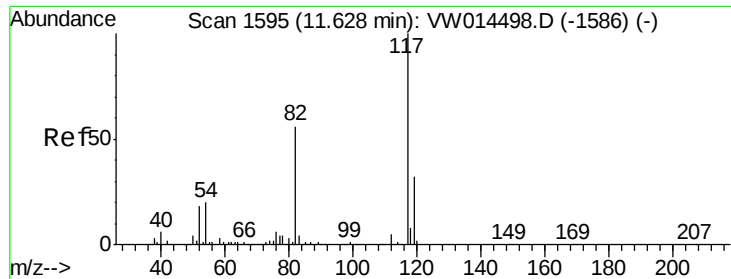
Tgt Ion: 107 Resp: 286364
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 48.137 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion: 95 Resp: 467461
 Ion Ratio Lower Upper
 95 100
 174 85.0 0.0 168.6
 176 82.0 0.0 162.0

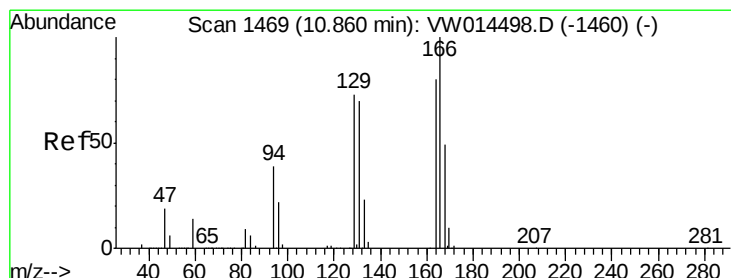
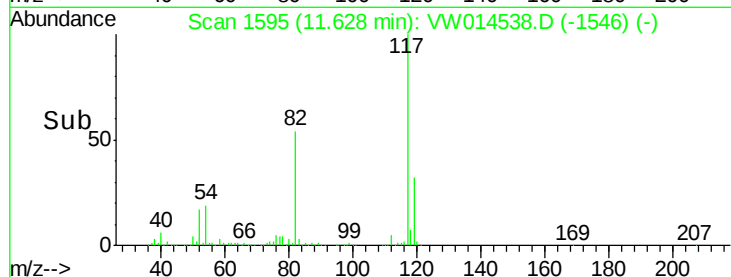
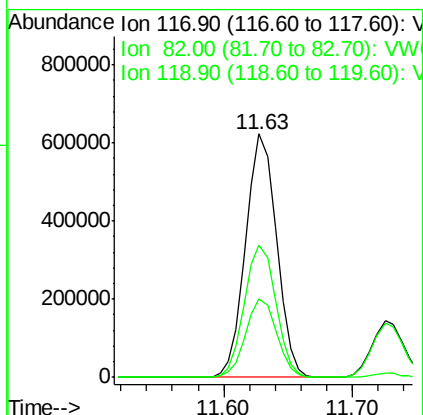
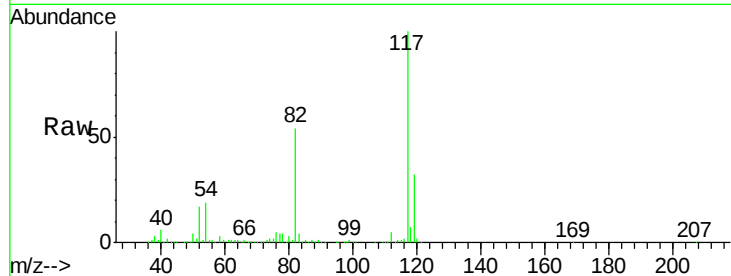




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

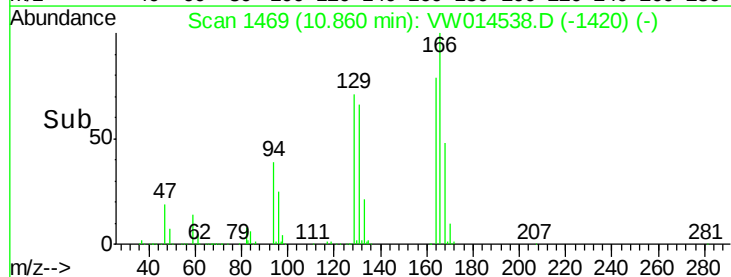
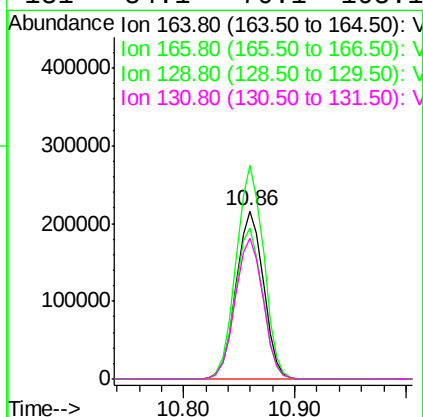
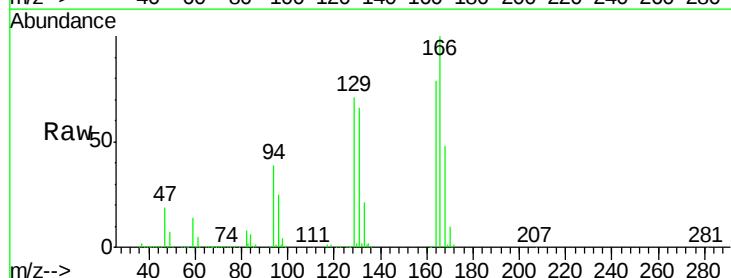
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

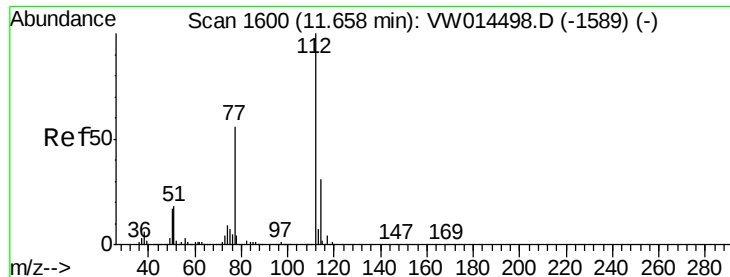
Tgt Ion:117 Resp: 1034795
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 49.187 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion:164 Resp: 368488
Ion Ratio Lower Upper
164 100
166 127.4 99.8 149.6
129 90.3 72.4 108.6
131 84.1 70.1 105.1





#65

Chlorobenzene

Concen: 49.367 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

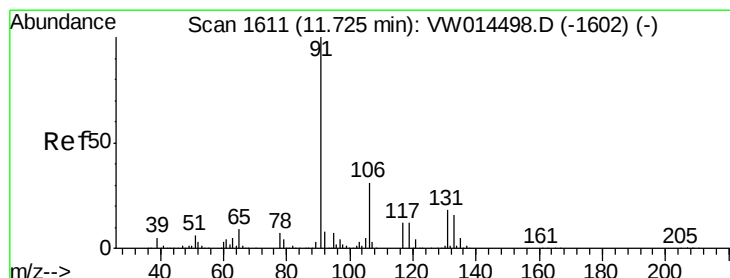
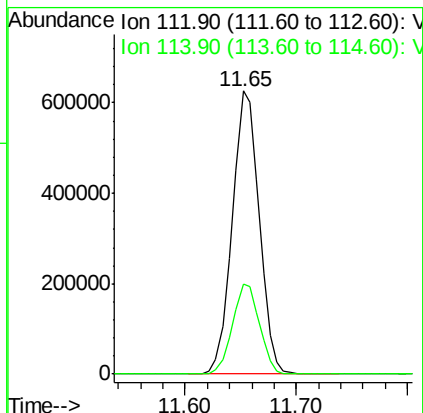
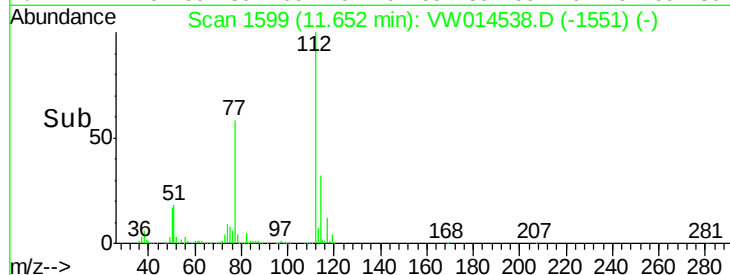
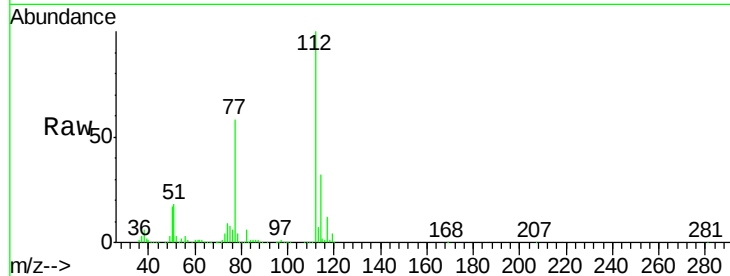
VSTDCCC050EC

Tgt Ion:112 Resp: 1046573

Ion Ratio Lower Upper

112 100

114 31.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.298 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

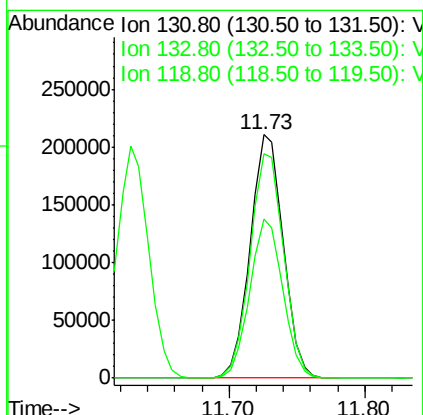
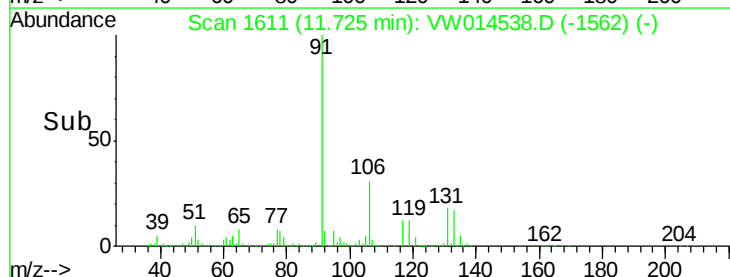
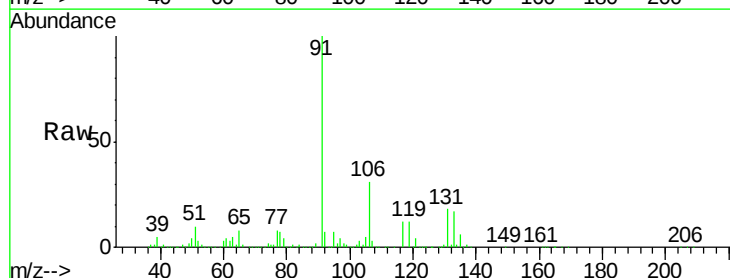
Tgt Ion:131 Resp: 359024

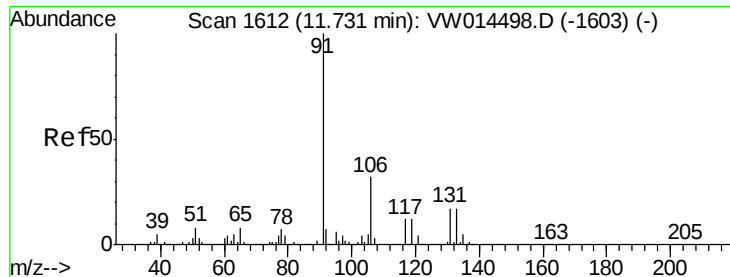
Ion Ratio Lower Upper

131 100

133 94.1 47.3 142.0

119 65.5 33.1 99.3





#67

Ethyl Benzene

Concen: 49.943 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

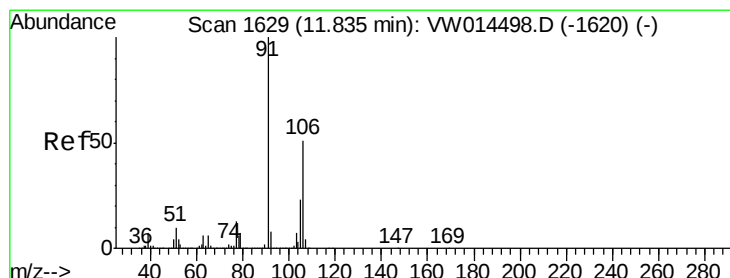
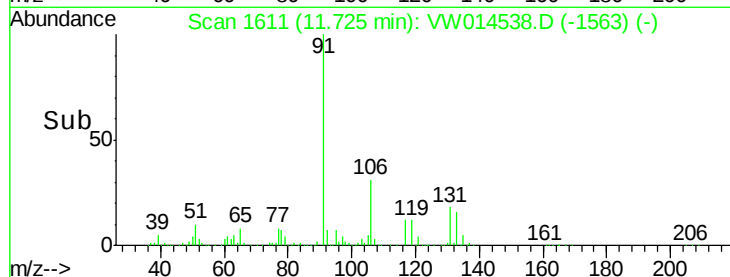
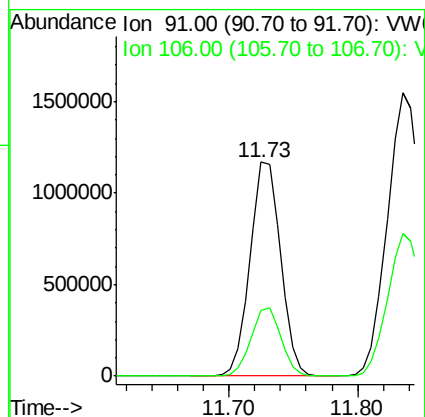
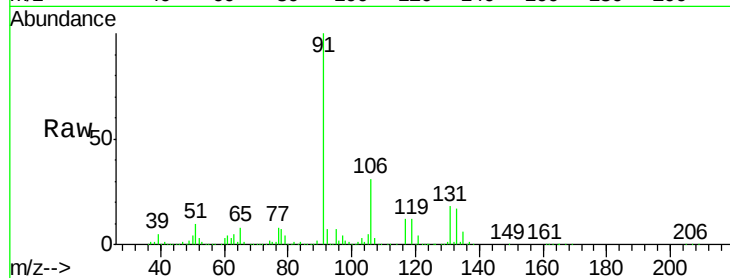
VSTDCCC050EC

Tgt Ion: 91 Resp: 1908095

Ion Ratio Lower Upper

91 100

106 30.5 25.5 38.3



#68

m/p-Xylenes

Concen: 99.857 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014538.D

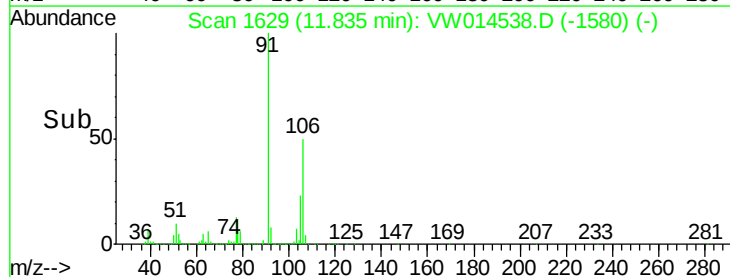
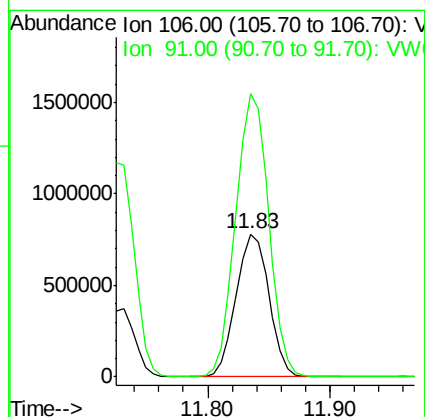
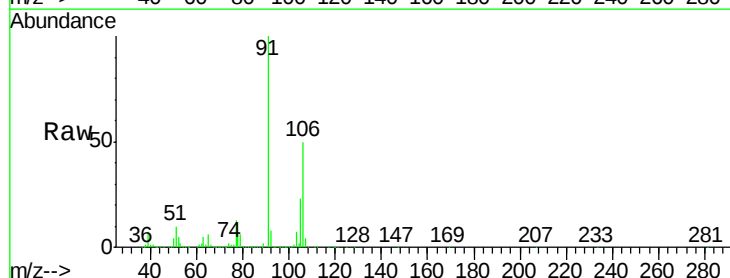
Acq: 06 Jan 2020 22:03

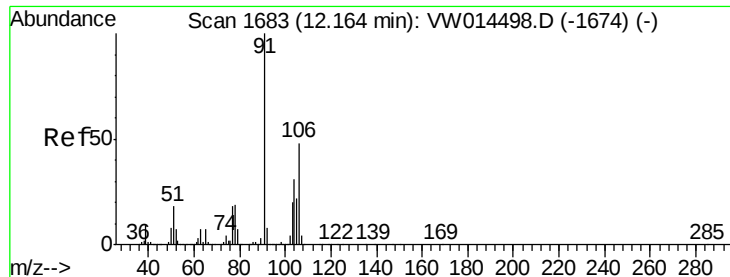
Tgt Ion: 106 Resp: 1460111

Ion Ratio Lower Upper

106 100

91 198.3 159.0 238.6

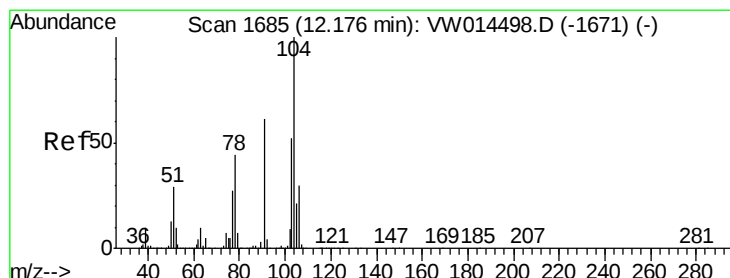
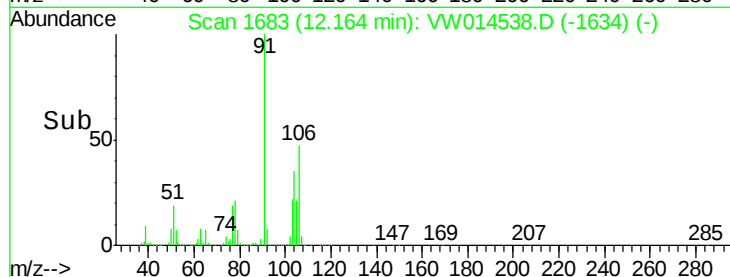
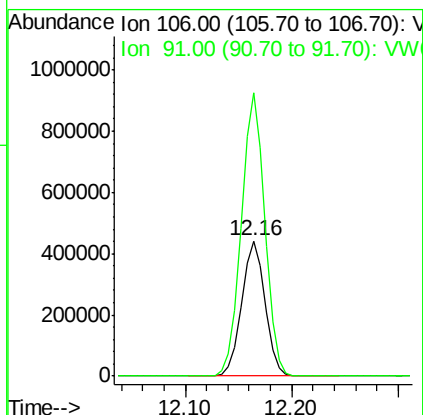
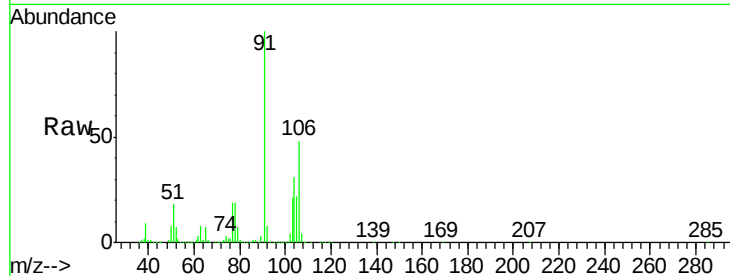




#69
o-Xylene
Concen: 50.240 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

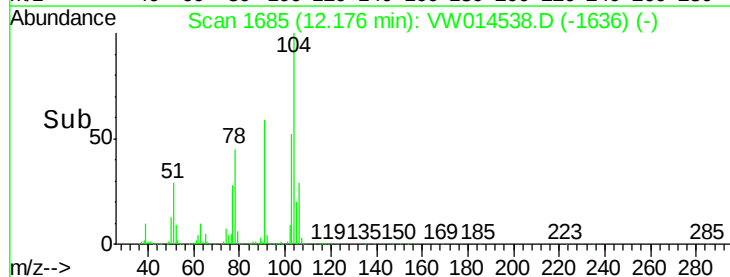
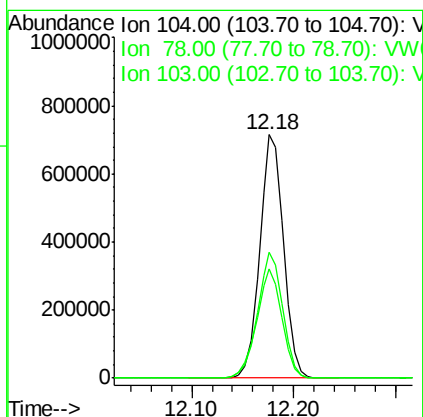
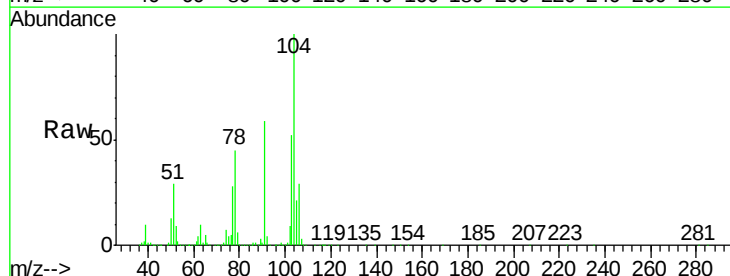
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

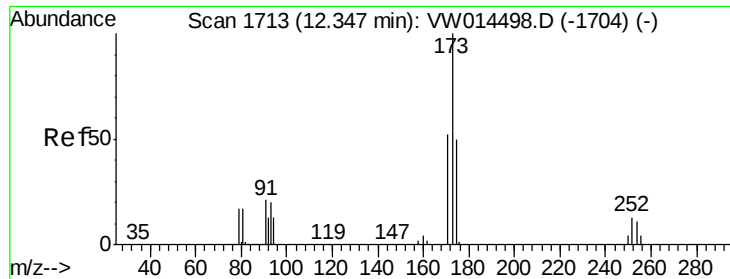
Tgt Ion:106 Resp: 678567
Ion Ratio Lower Upper
106 100
91 210.7 105.2 315.6



#70
Styrene
Concen: 50.950 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion:104 Resp: 1163955
Ion Ratio Lower Upper
104 100
78 47.6 38.4 57.6
103 54.5 43.7 65.5

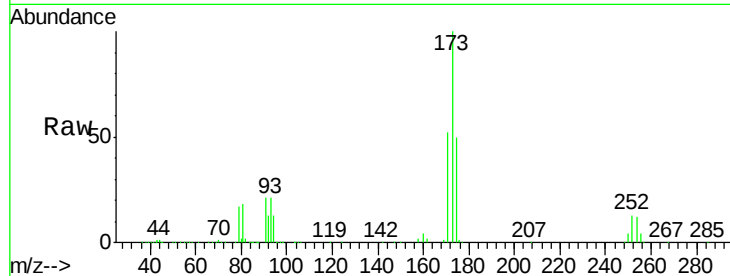




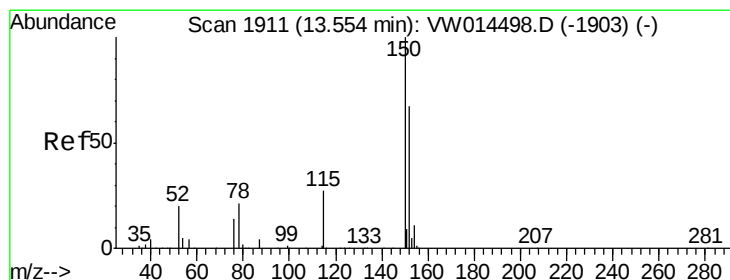
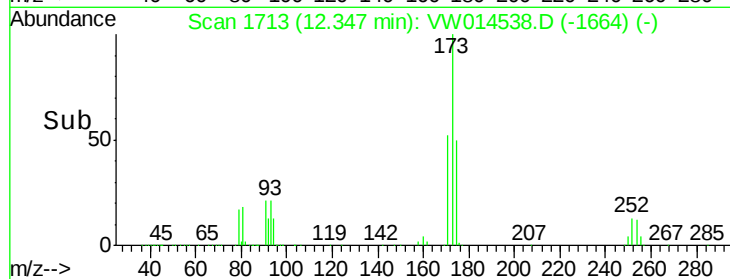
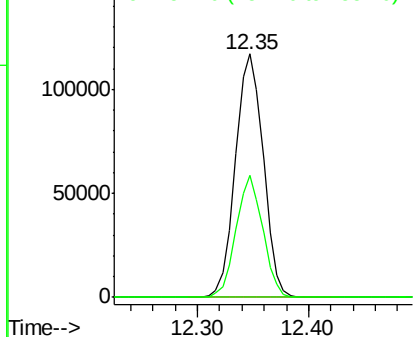
#71
Bromoform
Concen: 51.893 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 202038
Ion Ratio Lower Upper
173 100
175 48.0 24.5 73.5
254 0.1 0.0 0.0#

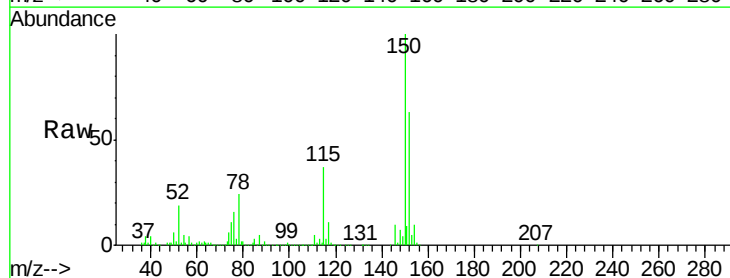


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

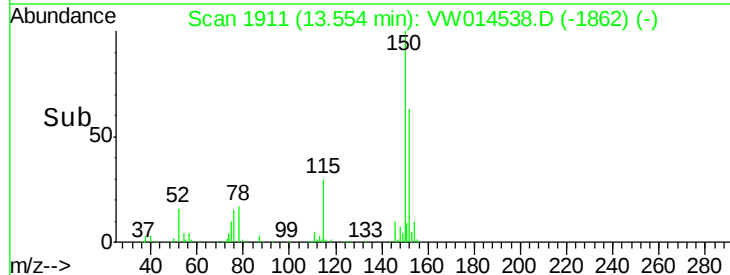
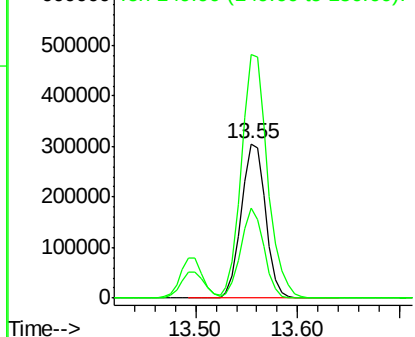


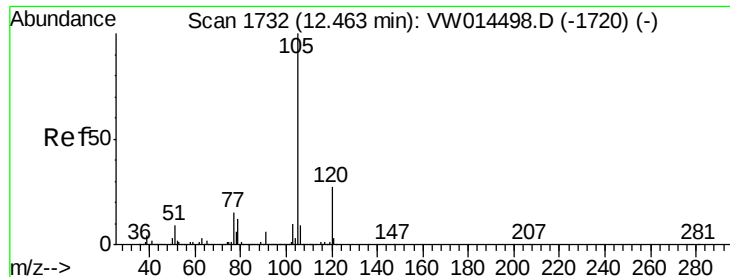
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion:152 Resp: 501884
Ion Ratio Lower Upper
152 100
115 55.3 27.7 83.1
150 170.2 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: 51.067 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

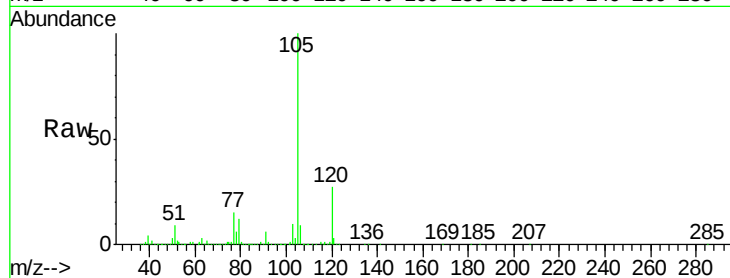
VSTDCCC050EC

Tgt Ion: 105 Resp: 1880606

Ion Ratio Lower Upper

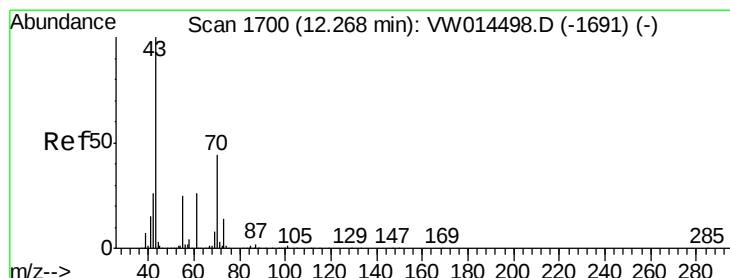
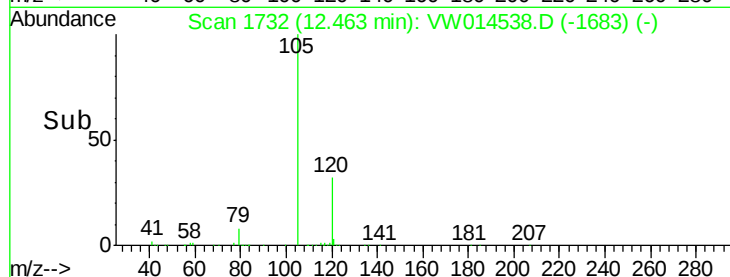
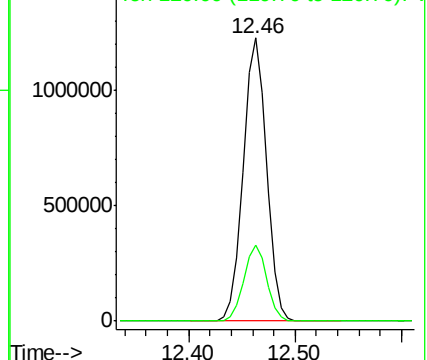
105 100

120 26.5 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: 54.215 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Tgt Ion: 43 Resp: 447654

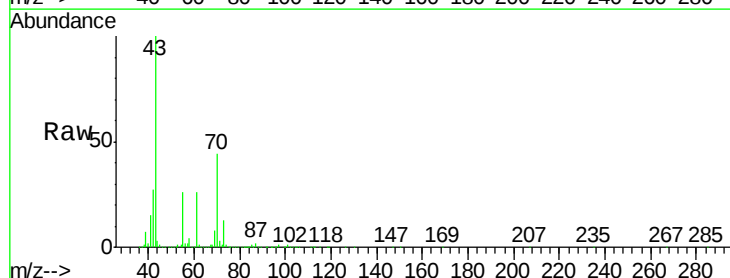
Ion Ratio Lower Upper

43 100

70 46.0 36.5 54.7

55 25.5 20.9 31.3

61 26.1 20.7 31.1

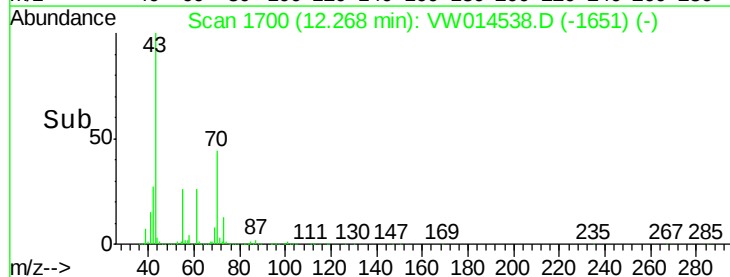
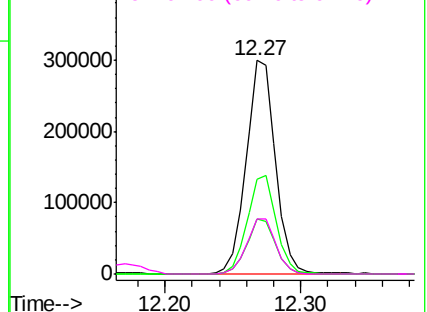


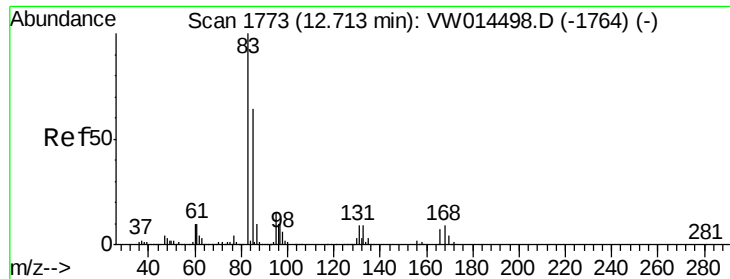
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 52.833 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

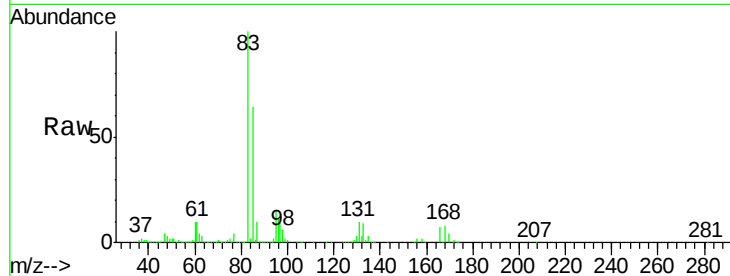
Tgt Ion: 83 Resp: 351175

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

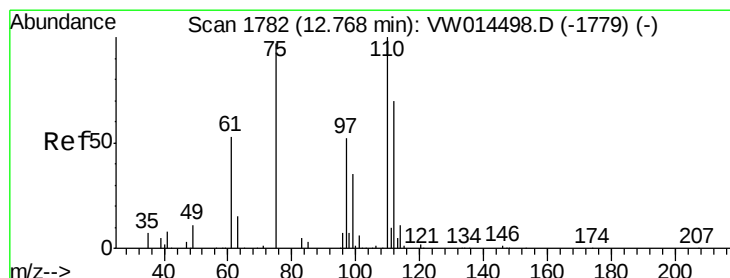
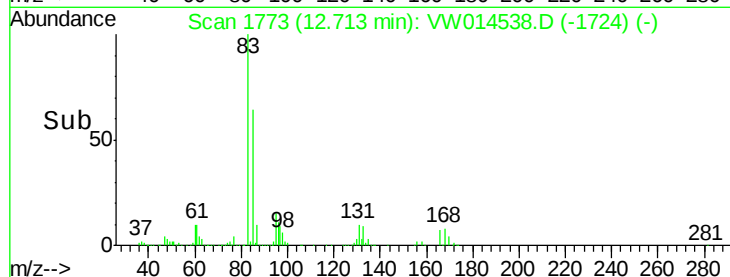
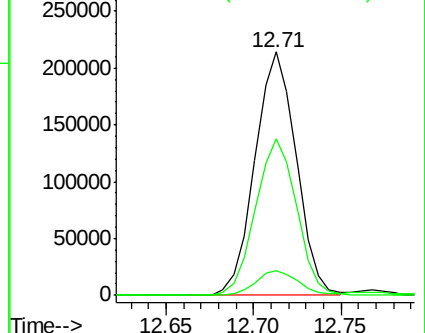
85 64.4 31.9 95.7



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: 92.003 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW014538.D

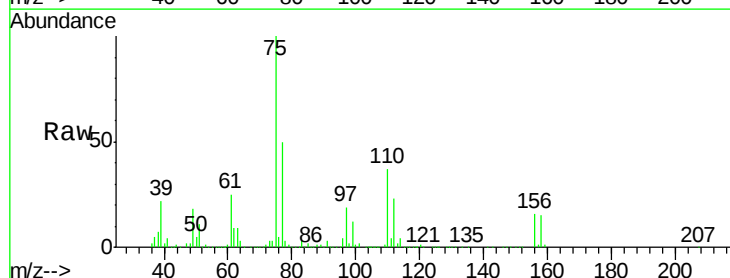
Acq: 06 Jan 2020 22:03

Tgt Ion: 75 Resp: 436574

Ion Ratio Lower Upper

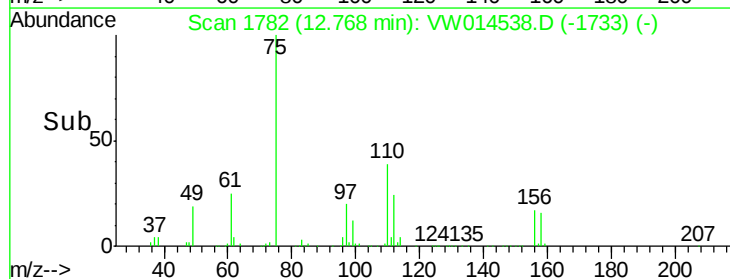
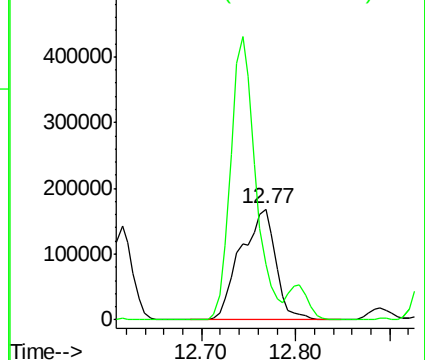
75 100

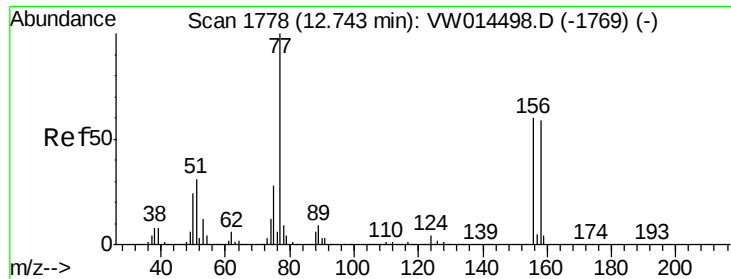
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.384 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

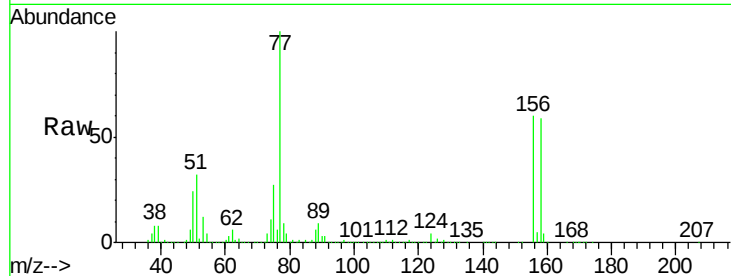
Tgt Ion:156 Resp: 430937

Ion Ratio Lower Upper

156 100

77 184.8 92.3 277.1

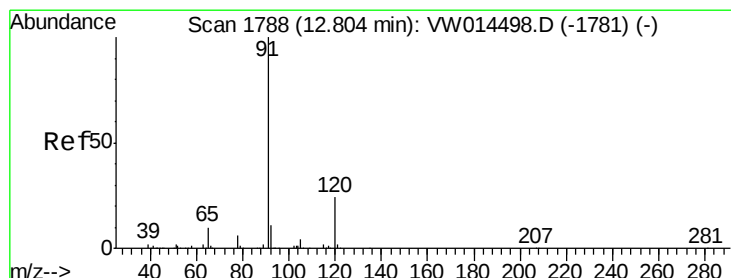
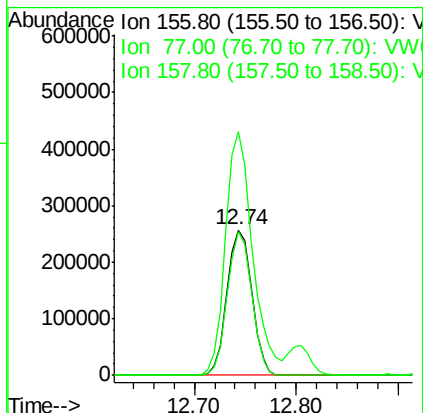
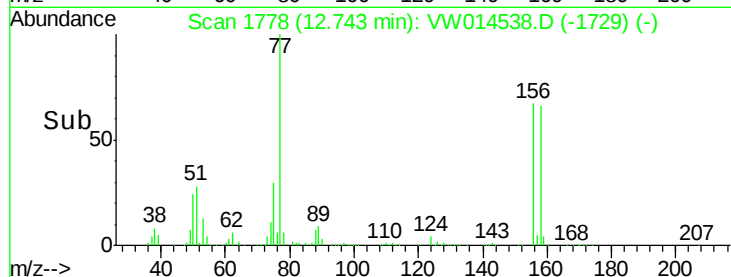
158 97.3 48.6 145.9



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: 50.802 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014538.D

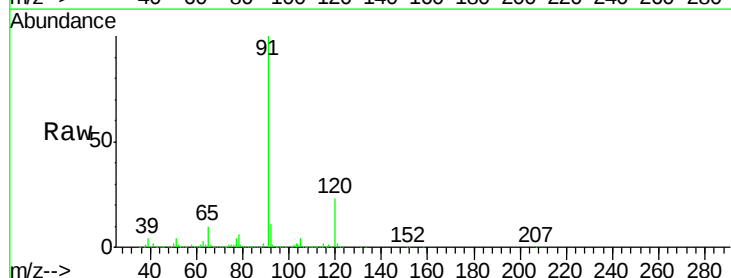
Acq: 06 Jan 2020 22:03

Tgt Ion: 91 Resp: 2199901

Ion Ratio Lower Upper

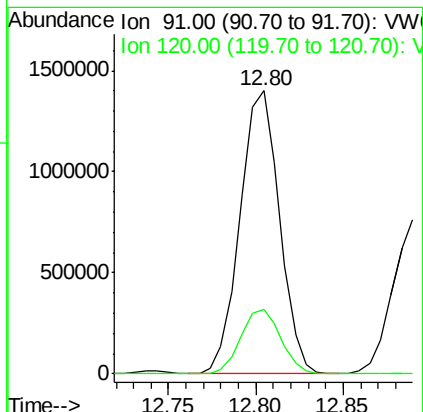
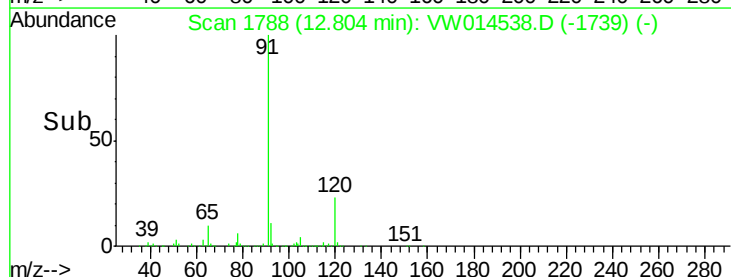
91 100

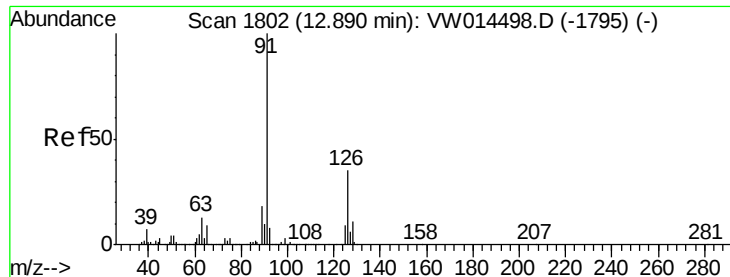
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.719 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

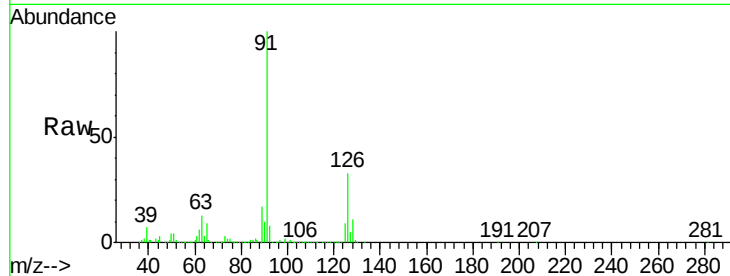
VSTDCCC050EC

Tgt Ion: 91 Resp: 1225210

Ion Ratio Lower Upper

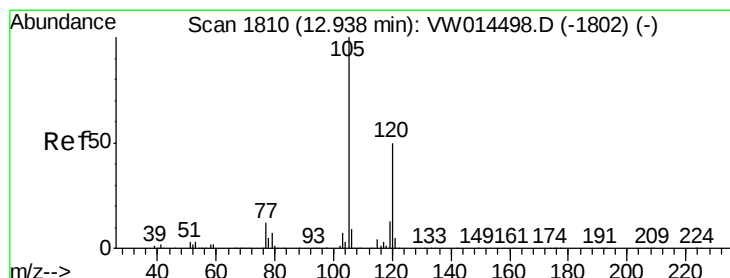
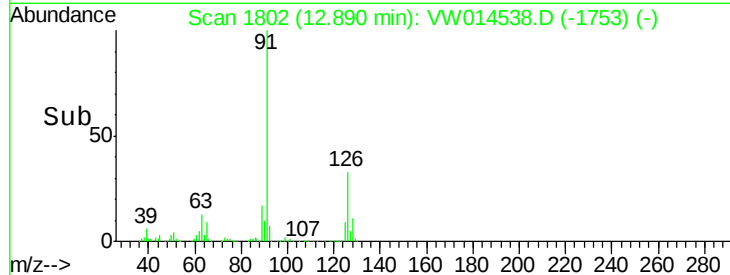
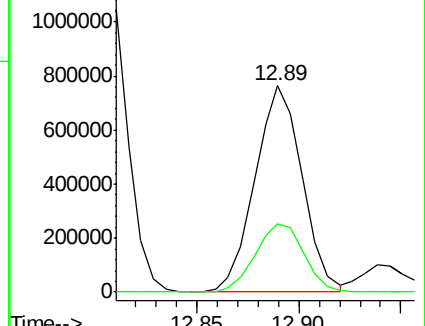
91 100

126 34.3 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.024 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014538.D

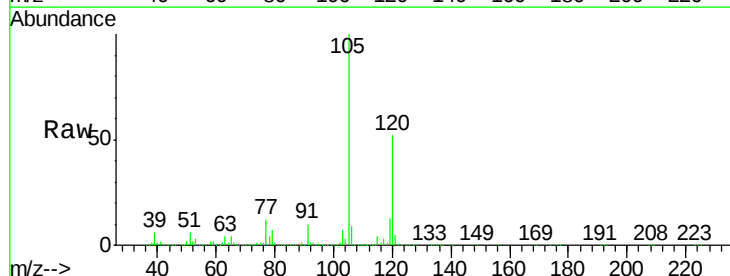
Acq: 06 Jan 2020 22:03

Tgt Ion: 105 Resp: 1546752

Ion Ratio Lower Upper

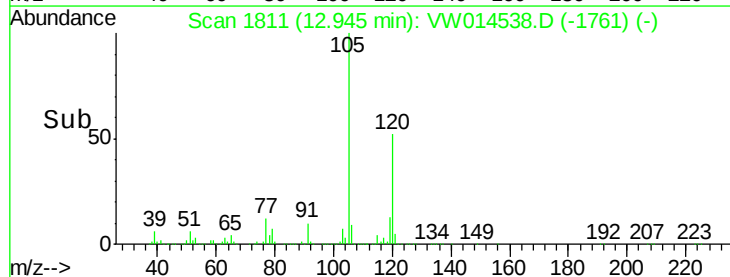
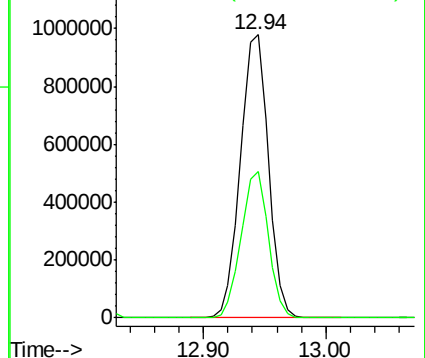
105 100

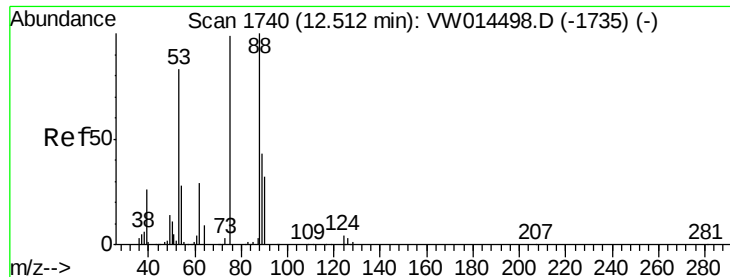
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.243 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

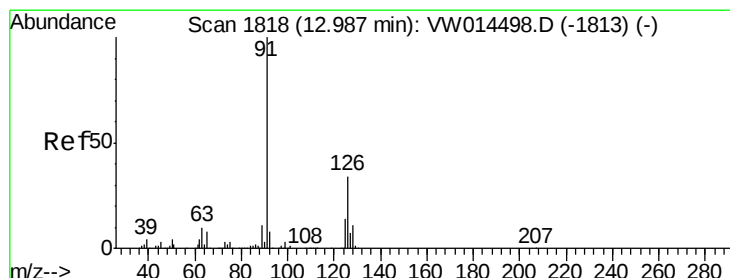
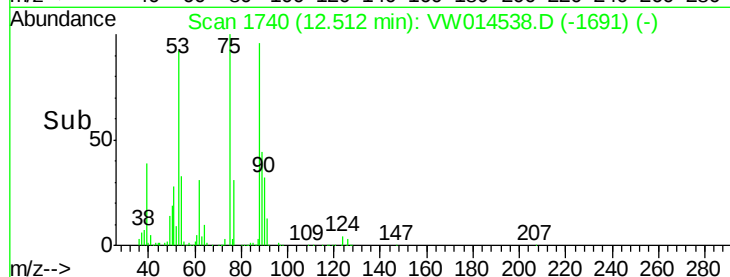
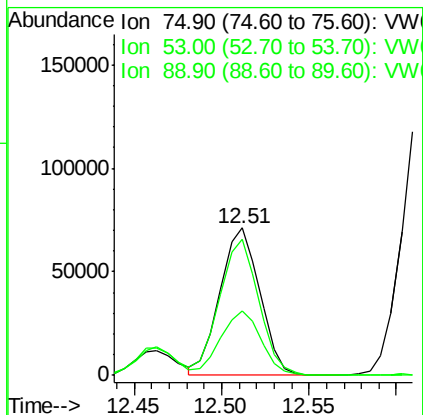
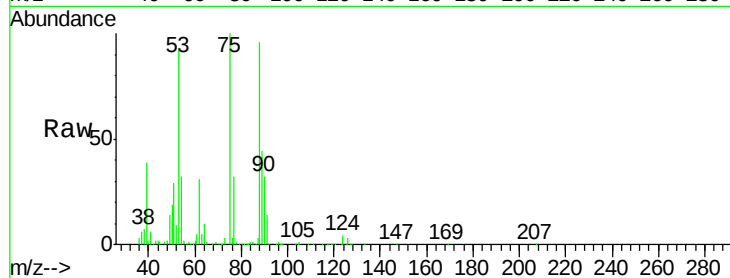
Tgt Ion: 75 Resp: 111267

Ion Ratio Lower Upper

75 100

53 92.4 70.9 106.3

89 45.1 35.8 53.8



#82

4-Chlorotoluene

Concen: 49.817 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014538.D

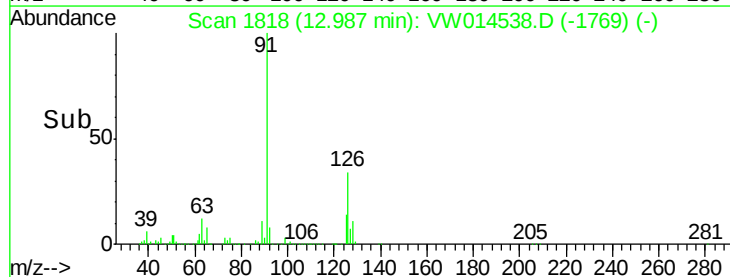
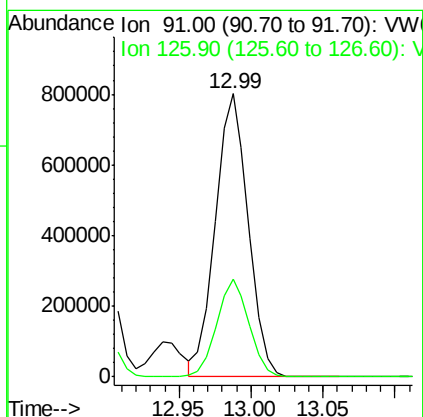
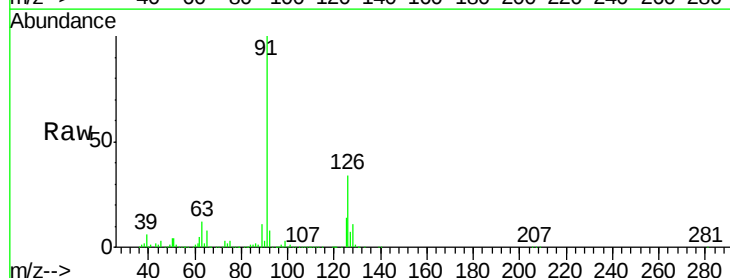
Acq: 06 Jan 2020 22:03

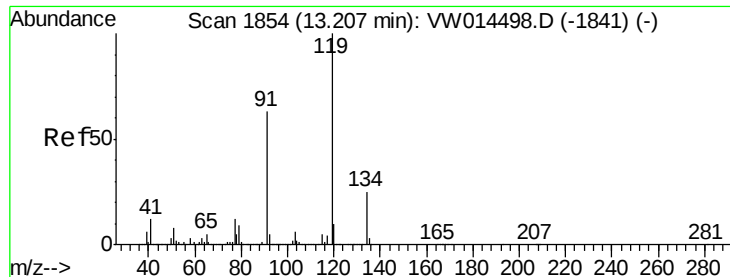
Tgt Ion: 91 Resp: 1275432

Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.900 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

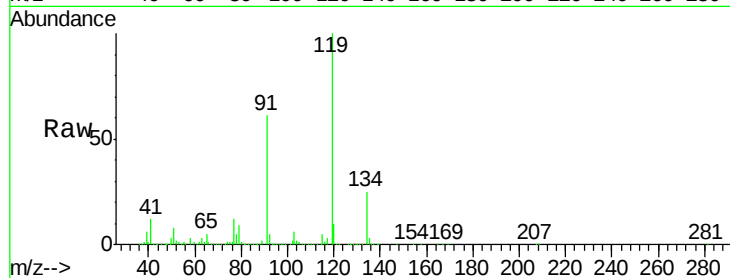
Tgt Ion:119 Resp: 1377952

Ion Ratio Lower Upper

119 100

91 61.5 31.1 93.3

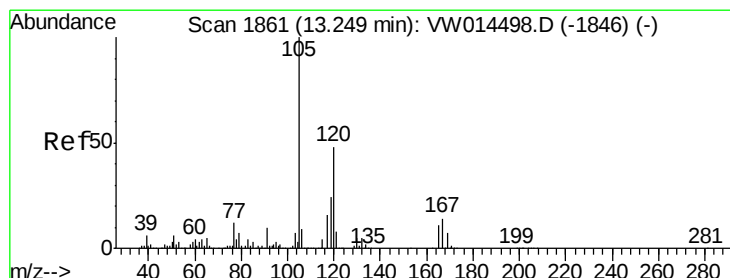
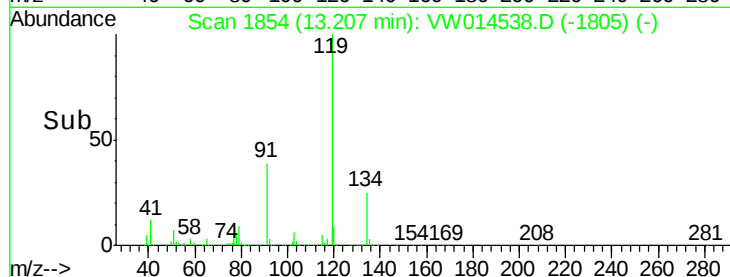
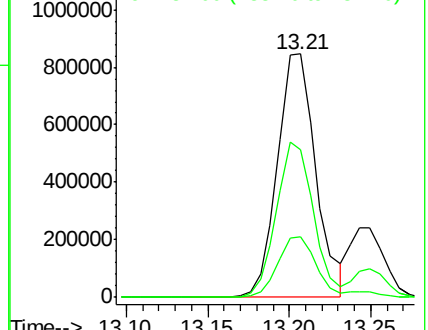
134 25.1 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.962 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014538.D

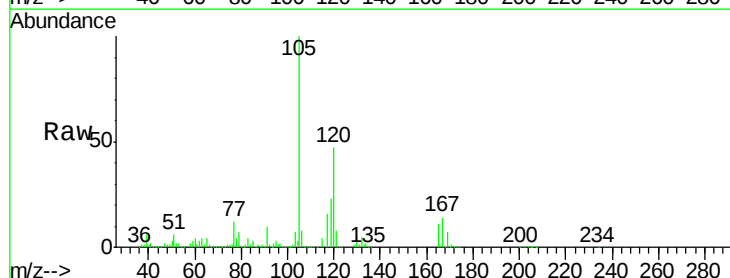
Acq: 06 Jan 2020 22:03

Tgt Ion:105 Resp: 1537321

Ion Ratio Lower Upper

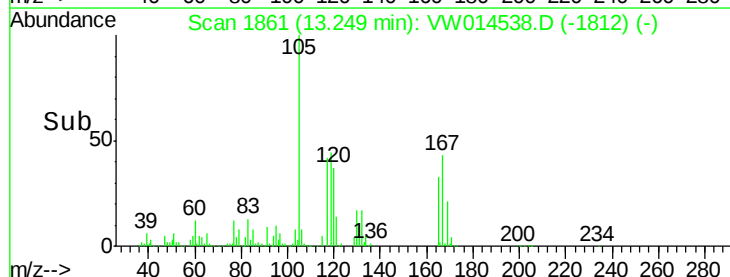
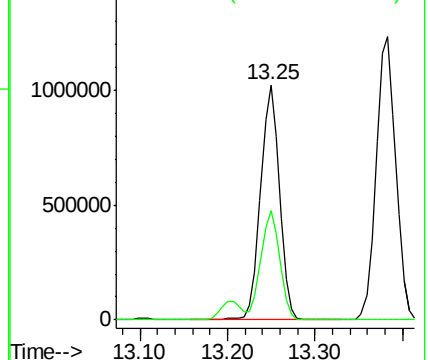
105 100

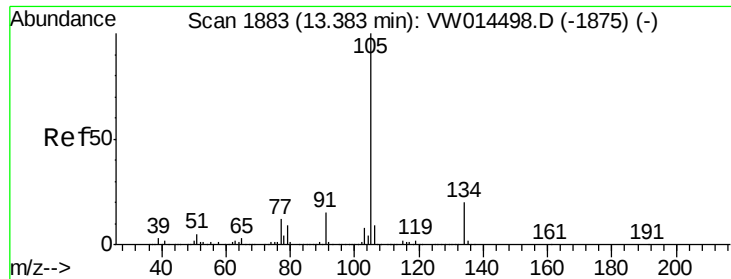
120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

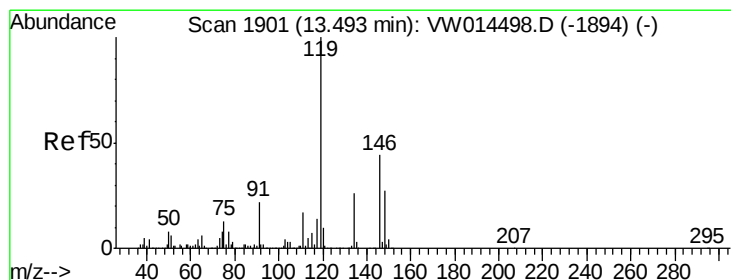
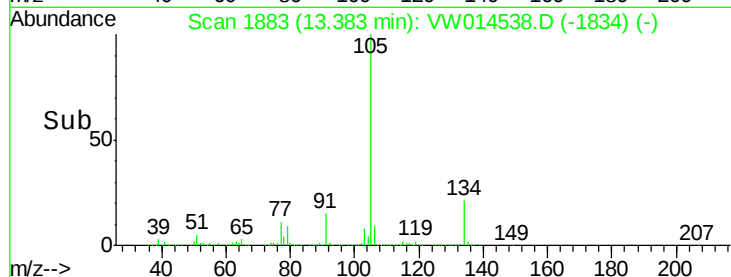
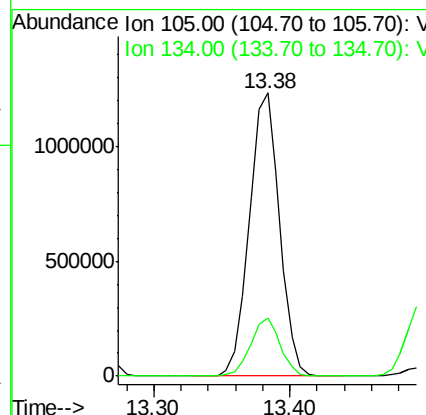
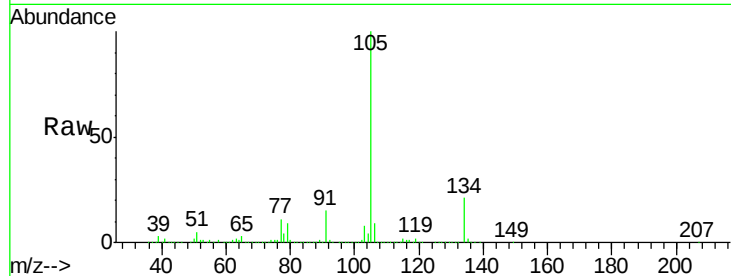




#85
 sec-Butylbenzene
 Concen: 51.064 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

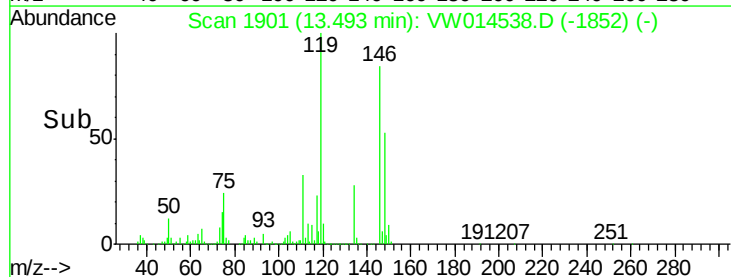
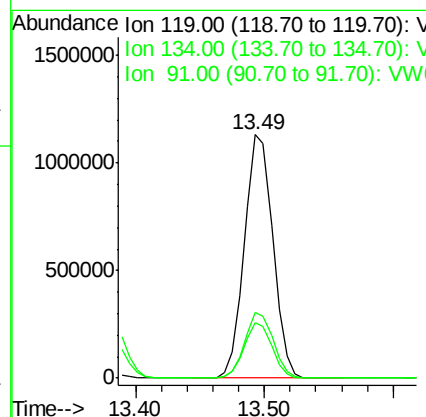
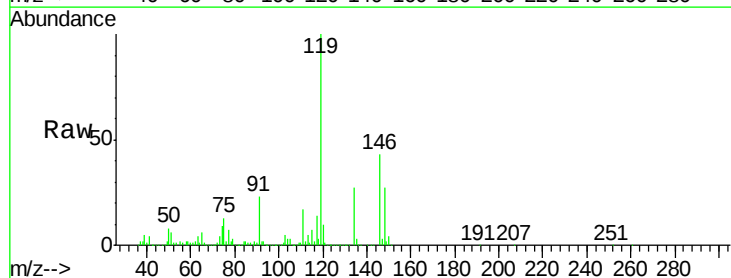
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

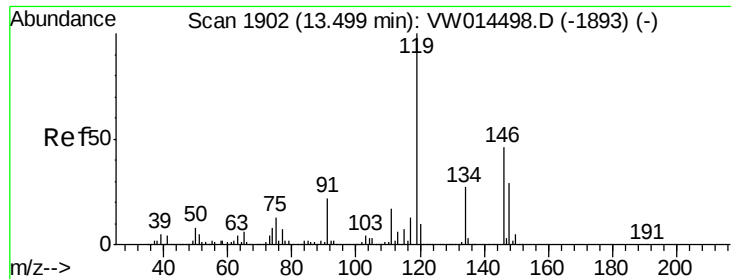
Tgt Ion:105 Resp: 1913444
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.414 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion:119 Resp: 1721921
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 22.3 11.1 33.3

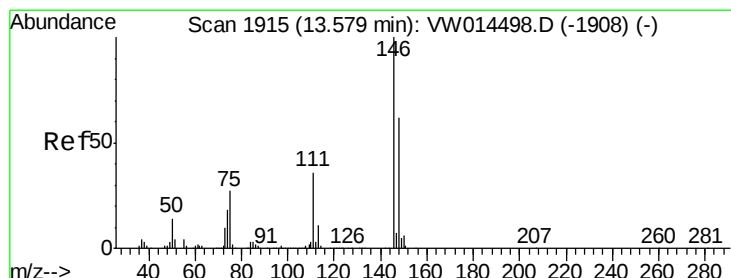
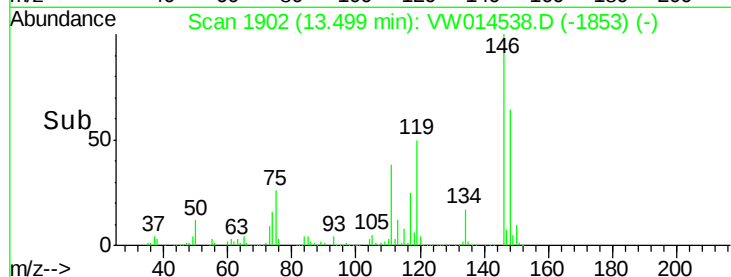
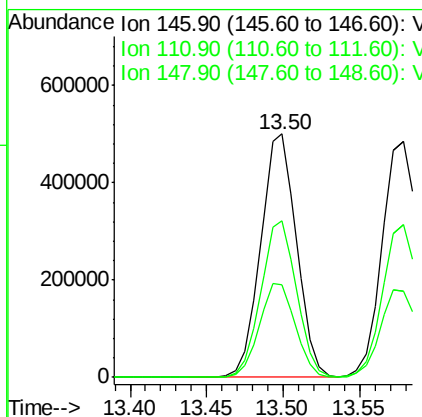
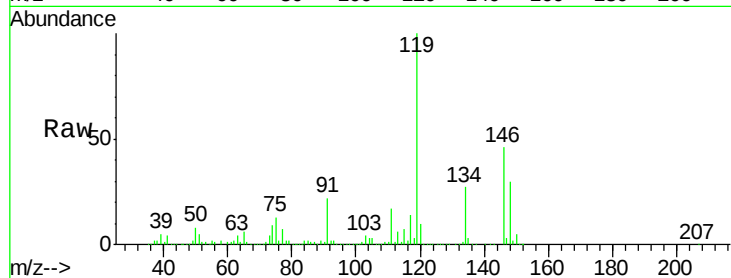




#87
 1,3-Dichlorobenzene
 Concen: 48.976 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

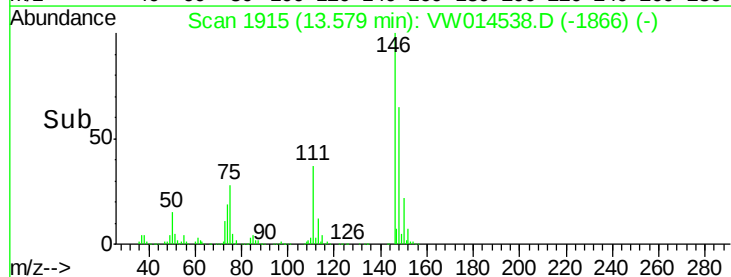
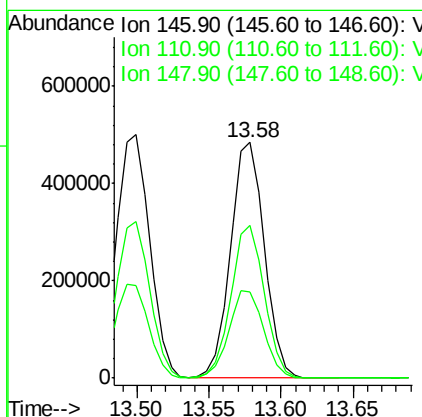
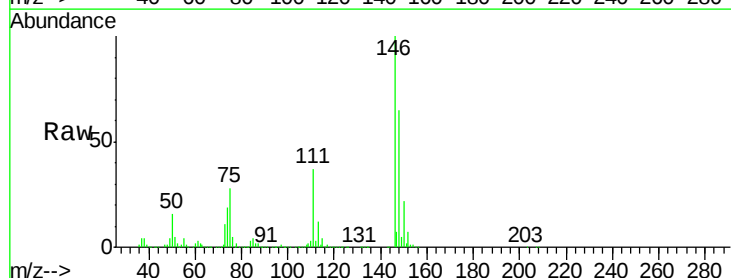
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

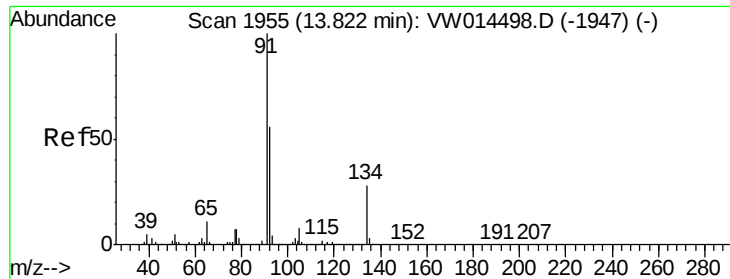
Tgt Ion:146 Resp: 814577
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.9
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.440 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion:146 Resp: 795390
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 63.7 31.7 95.1

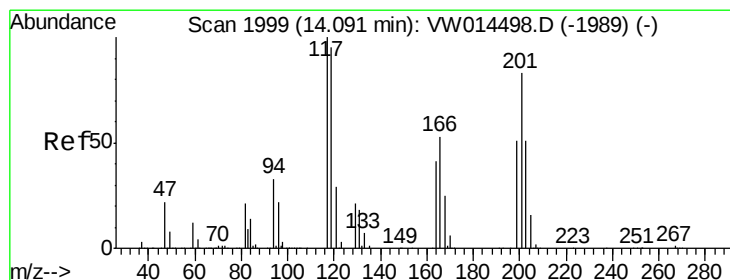
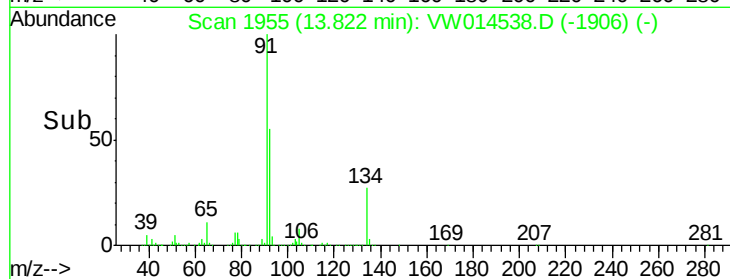
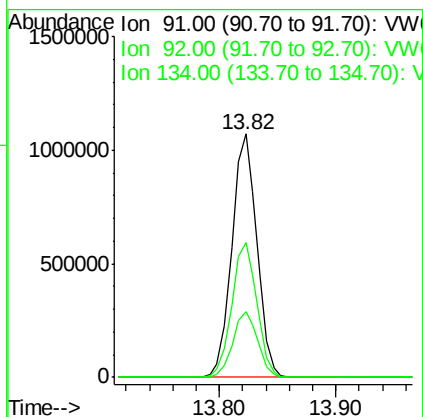
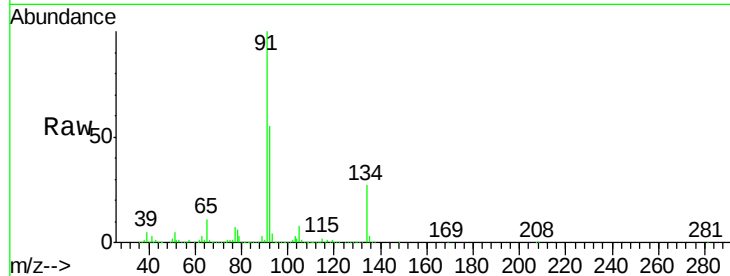




#89
n-Butylbenzene
Concen: 50.363 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

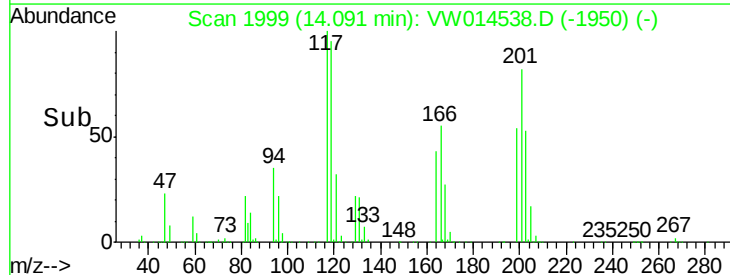
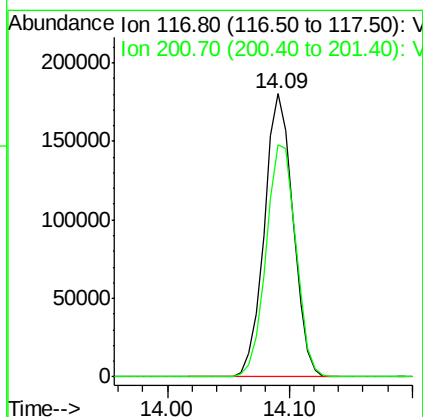
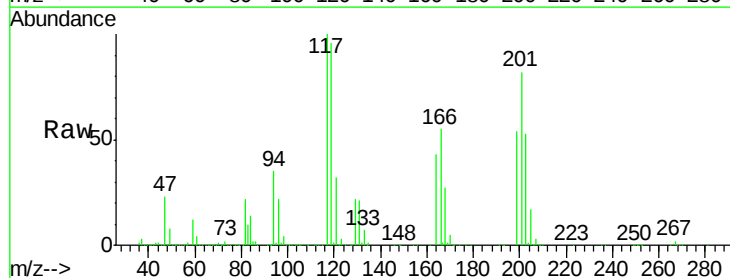
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

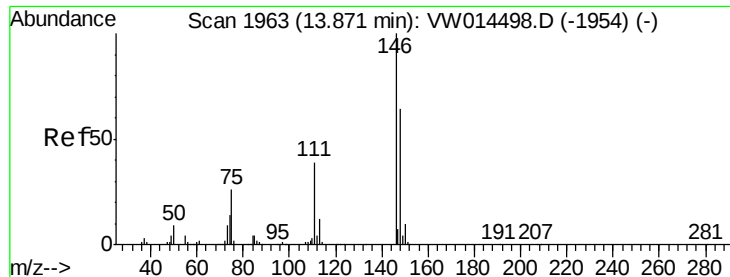
Tgt Ion: 91 Resp: 1597378
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 26.9 13.7 41.1



#90
Hexachloroethane
Concen: 49.321 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW014538.D
Acq: 06 Jan 2020 22:03

Tgt Ion: 117 Resp: 294284
Ion Ratio Lower Upper
117 100
201 85.1 43.0 128.8

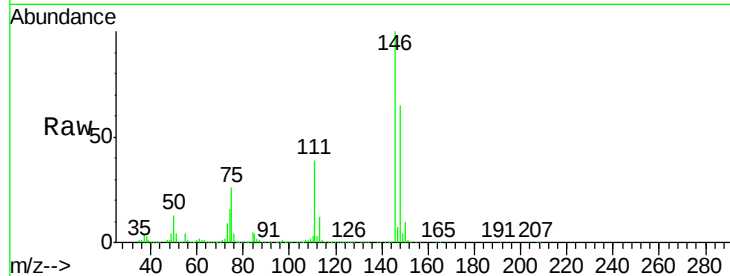




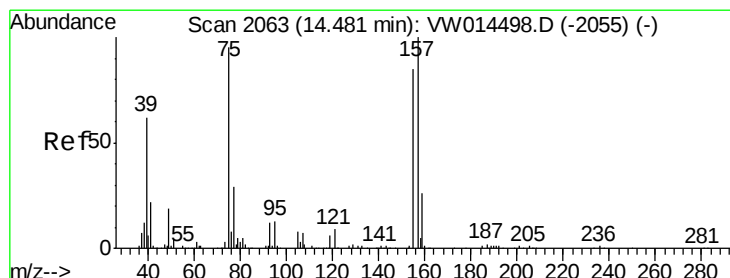
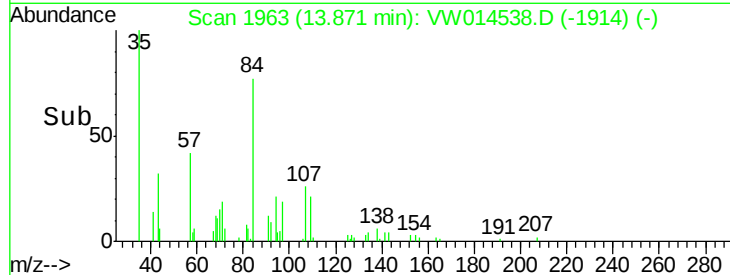
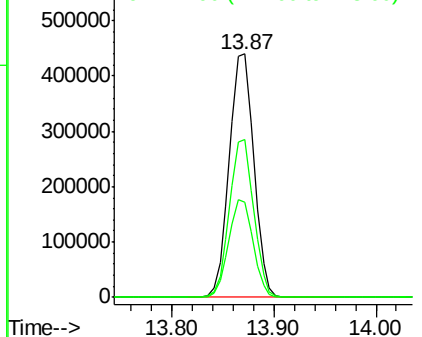
#91
 1,2-Dichlorobenzene
 Concen: 50.173 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.3
148	63.6	32.3	96.8

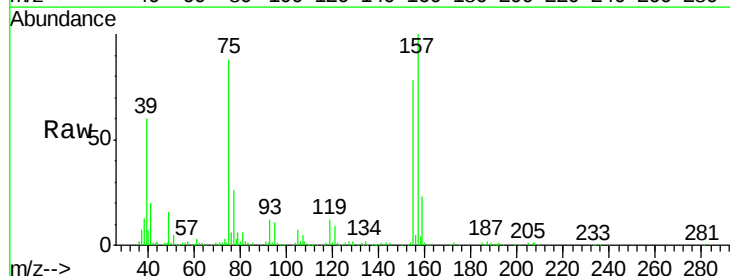


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

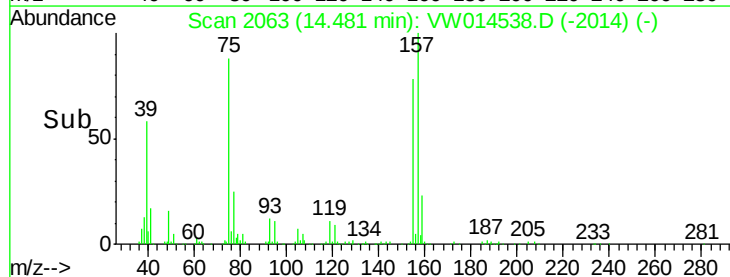
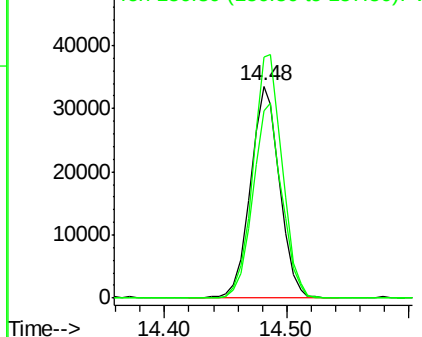


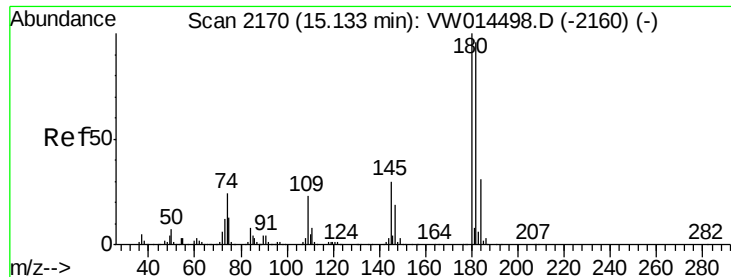
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.729 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	45.8	137.4
157	115.2	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

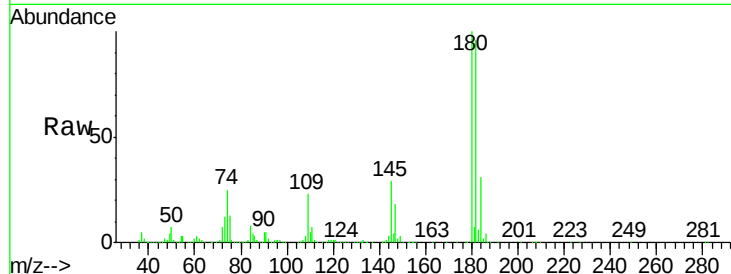




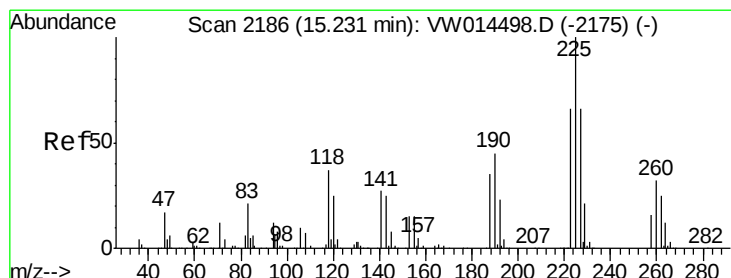
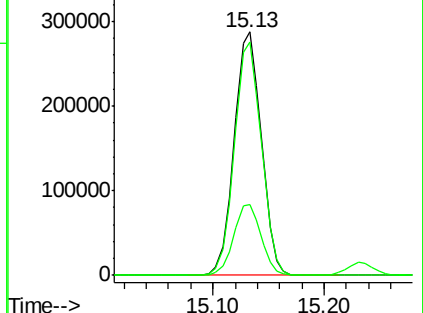
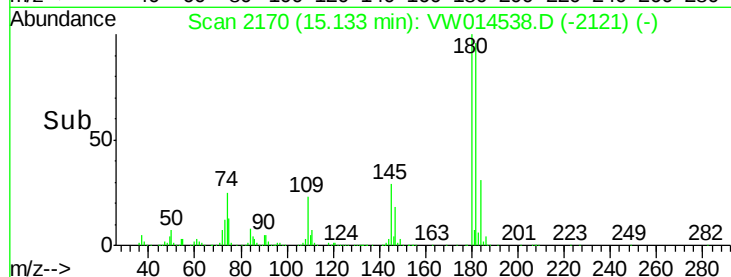
#93
 1,2,4-Trichlorobenzene
 Concen: 49.016 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 483873
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 141.8
 145 29.5 14.7 44.1

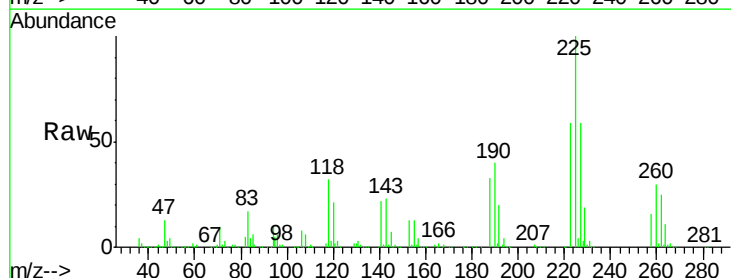


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

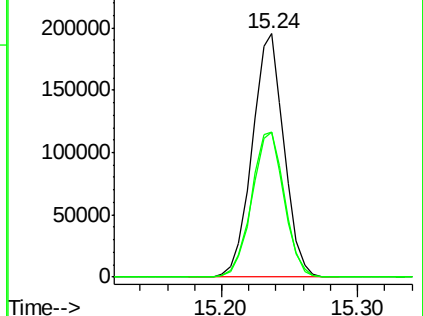
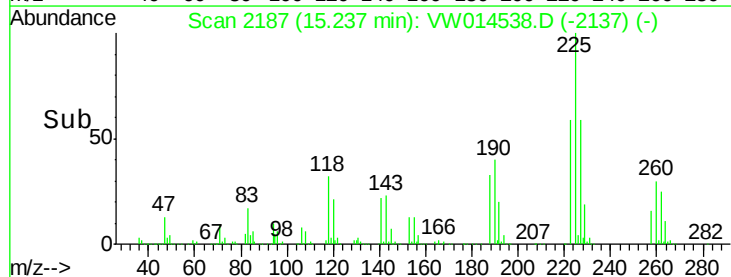


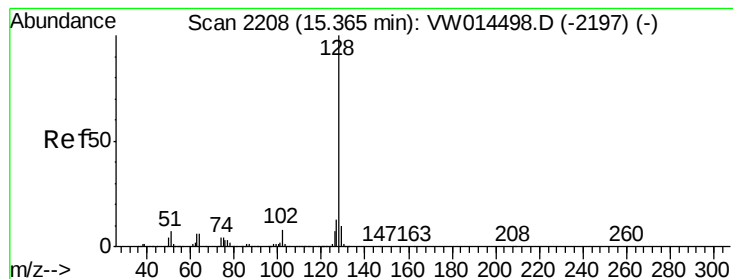
#94
 Hexachlorobutadiene
 Concen: 48.313 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014538.D
 Acq: 06 Jan 2020 22:03

Tgt Ion:225 Resp: 319611
 Ion Ratio Lower Upper
 225 100
 223 61.0 32.4 97.2
 227 61.4 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: 53.513 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

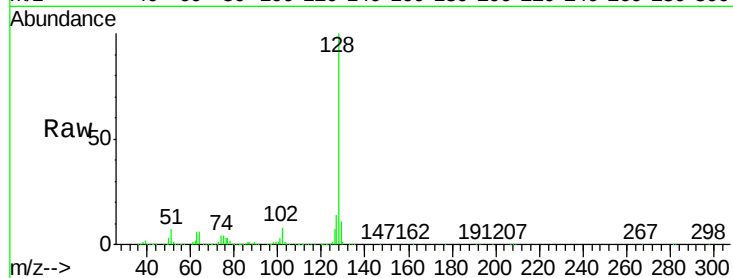
Tgt Ion:128 Resp: 900936

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

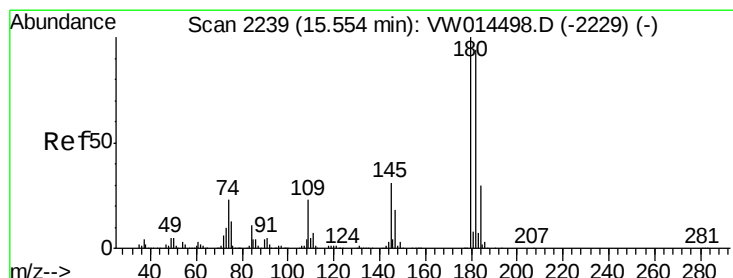
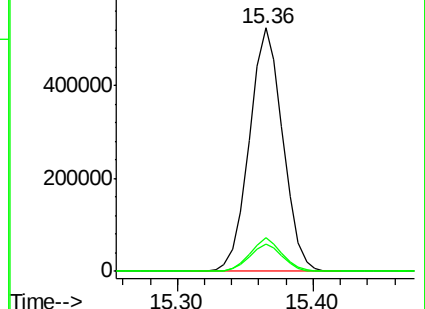
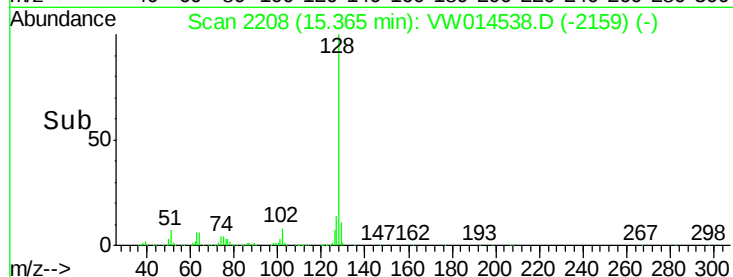
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.526 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW014538.D

Acq: 06 Jan 2020 22:03

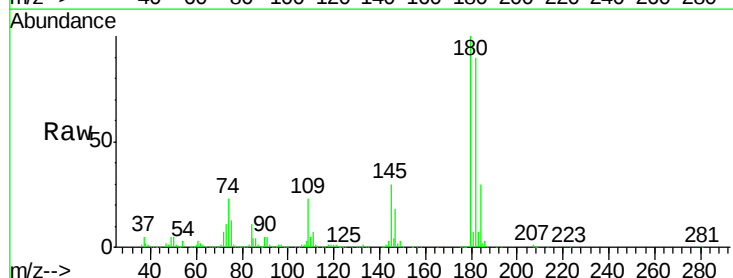
Tgt Ion:180 Resp: 434766

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.2

145 30.3 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

