

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
 Data File : VW014710.D
 Acq On : 22 Jan 2020 13:31
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 22 15:13:00 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	7.94	168	729058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1065976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	909324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	445803	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	315517	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.88	113	315441	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	10.32	98	1315901	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.62	95	429391	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	169552	41.19	ug/l	100
3) Chloromethane	2.21	50	232531	46.15	ug/l	99
4) Vinyl Chloride	2.35	62	355036	47.91	ug/l	98
5) Bromomethane	2.77	94	216101	47.20	ug/l	99
6) Chloroethane	2.92	64	204520	48.41	ug/l	98
7) Trichlorofluoromethane	3.25	101	217328	58.61	ug/l	97
8) Diethyl Ether	3.67	74	158496	42.96	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	331967	47.92	ug/l	99
10) Methyl Iodide	4.26	142	465437	44.53	ug/l	98
11) Tert butyl alcohol	5.15	59	96955	191.95	ug/l	98
12) 1,1-Dichloroethene	4.03	96	340354	46.91	ug/l	97
13) Acrolein	3.89	56	146558	263.43	ug/l	99
14) Allyl chloride	4.66	41	557668	50.30	ug/l	99
15) Acrylonitrile	5.35	53	354254	210.07	ug/l	99
16) Acetone	4.11	43	473021	262.81	ug/l	99
17) Carbon Disulfide	4.38	76	1003860	45.91	ug/l	98
18) Methyl Acetate	4.66	43	175802	40.44	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	416499	46.25	ug/l	98
20) Methylene Chloride	4.90	84	368573	50.69	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	368030	47.77	ug/l	95
22) Diisopropyl ether	6.30	45	1011236	48.73	ug/l	98
23) Vinyl Acetate	6.24	43	2861159	228.32	ug/l	98
24) 1,1-Dichloroethane	6.21	63	637000	48.66	ug/l	99
25) 2-Butanone	7.16	43	507631	219.77	ug/l	97
26) 2,2-Dichloropropane	7.16	77	360501	49.74	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	381671	47.15	ug/l	96
28) Bromochloromethane	7.51	49	272265	53.05	ug/l	97
29) Tetrahydrofuran	7.52	42	286438	200.17	ug/l	99
30) Chloroform	7.66	83	589912	48.19	ug/l	100
31) Cyclohexane	7.95	56	639210	46.99	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	490089	49.78	ug/l	98
36) 1,1-Dichloropropene	8.07	75	511348	49.76	ug/l	98
37) Ethyl Acetate	7.24	43	195047	41.85	ug/l	98
38) Carbon Tetrachloride	8.06	117	450236	50.50	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	645859	48.97	ug/l	97
40) Benzene	8.32	78	1425404	49.02	ug/l	100
41) Methacrylonitrile	7.48	41	116097	44.69	ug/l	96
42) 1,2-Dichloroethane	8.39	62	354750	47.02	ug/l	99
43) Isopropyl Acetate	8.42	43	363372	42.93	ug/l	99
44) Trichloroethene	9.09	130	380887	48.41	ug/l	95
45) 1,2-Dichloropropane	9.37	63	349140	48.93	ug/l	97
46) Dibromomethane	9.45	93	157533	44.72	ug/l	98
47) Bromodichloromethane	9.64	83	422694	48.61	ug/l	98
48) Methyl methacrylate	9.43	41	182322	44.12	ug/l	99
49) 1,4-Dioxane	9.44	88	60783	922.64	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	926041	210.70	ug/l	99
52) Toluene	10.38	92	887388	48.51	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	425481	47.26	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	530947	48.25	ug/l	96
55) 1,1,2-Trichloroethane	10.78	97	228176	44.36	ug/l	99
56) Ethyl methacrylate	10.64	69	295666	44.23	ug/l	98
57) 1,3-Dichloropropane	10.93	76	408883	45.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	545000	268.04	ug/l	99
59) 2-Hexanone	10.96	43	690781	228.09	ug/l	97
60) Dibromochloromethane	11.13	129	264418	45.56	ug/l	98
61) 1,2-Dibromoethane	11.23	107	213182	43.66	ug/l	99
64) Tetrachloroethene	10.86	164	309276	46.98	ug/l	97
65) Chlorobenzene	11.65	112	892213	47.89	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	303125	48.33	ug/l	98
67) Ethyl Benzene	11.73	91	1694360	50.47	ug/l	97
68) m/p-Xylenes	11.83	106	1263459	98.33	ug/l	99
69) o-Xylene	12.16	106	581024	48.95	ug/l	99
70) Styrene	12.18	104	989862	49.31	ug/l	99
71) Bromoform	12.35	173	149220	43.61	ug/l #	99
73) Isopropylbenzene	12.46	105	1637367	50.06	ug/l	99
74) N-amyl acetate	12.27	43	324903	44.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	251163	42.54	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	326246	77.40	ug/l #	100
77) Bromobenzene	12.74	156	358167	47.14	ug/l	99
78) n-propylbenzene	12.80	91	1961274	50.99	ug/l	99
79) 2-Chlorotoluene	12.89	91	1082897	49.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1363148	49.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	81626	43.15	ug/l	96
82) 4-Chlorotoluene	12.99	91	1125255	49.48	ug/l	99
83) tert-Butylbenzene	13.20	119	1209703	50.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1351222	49.44	ug/l	100
85) sec-Butylbenzene	13.38	105	1689318	50.75	ug/l	99
86) p-Isopropyltoluene	13.49	119	1534522	50.58	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	708600	47.96	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	687772	47.16	ug/l	98
89) n-Butylbenzene	13.82	91	1480745	52.56	ug/l	99
90) Hexachloroethane	14.09	117	265959	50.18	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	615464	47.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	40450	43.26	ug/l	92

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

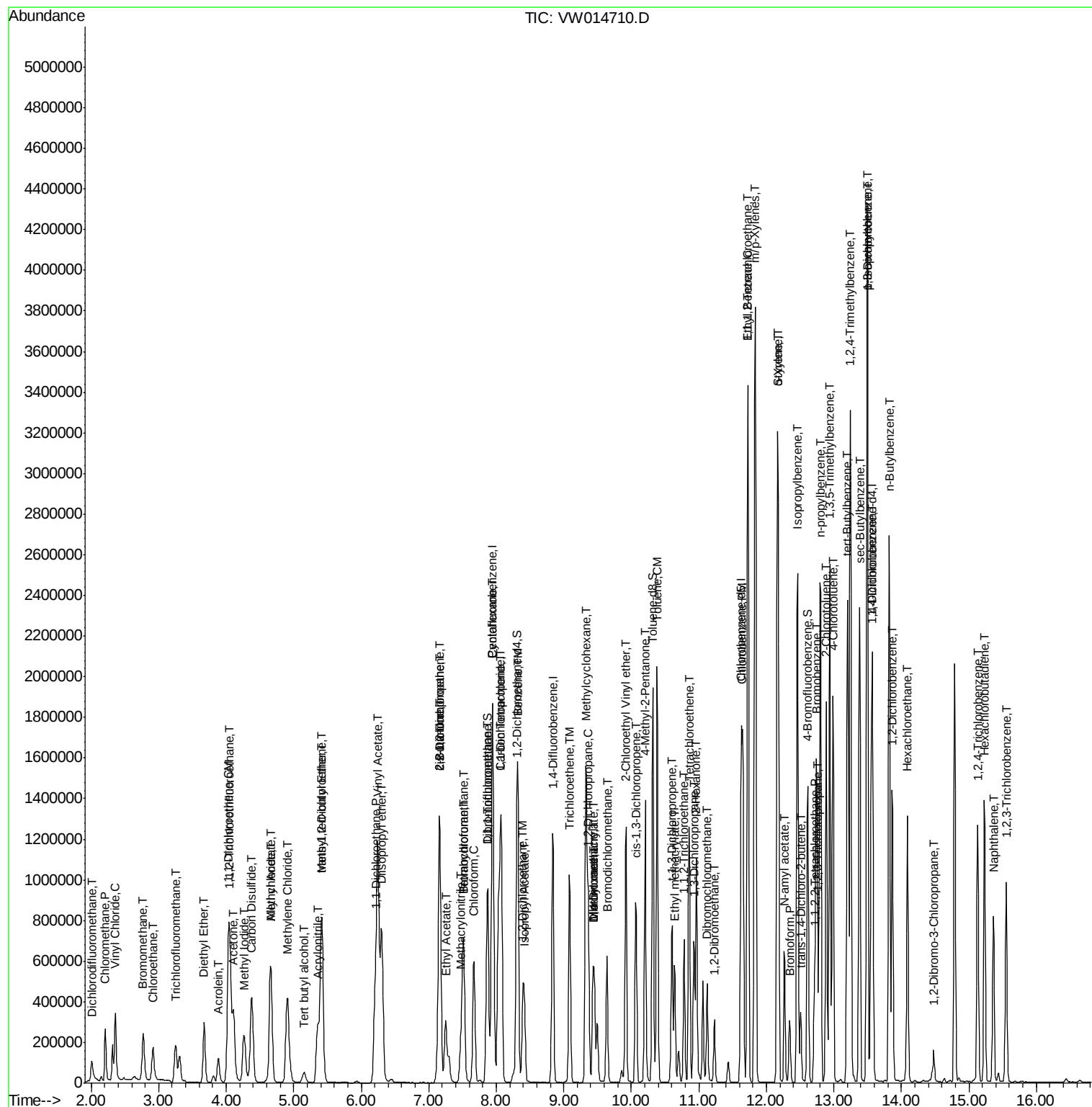
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	430982	49.15	ug/l	99
94) Hexachlorobutadiene	15.23	225	297802	50.68	ug/l	97
95) Naphthalene	15.36	128	701362	46.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	370471	48.47	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

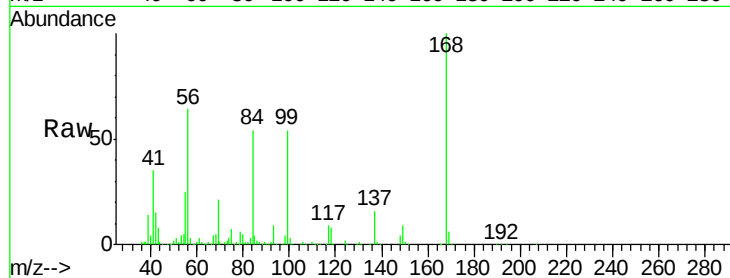
VSTDCCC050

Tgt Ion:168 Resp: 729058

Ion Ratio Lower Upper

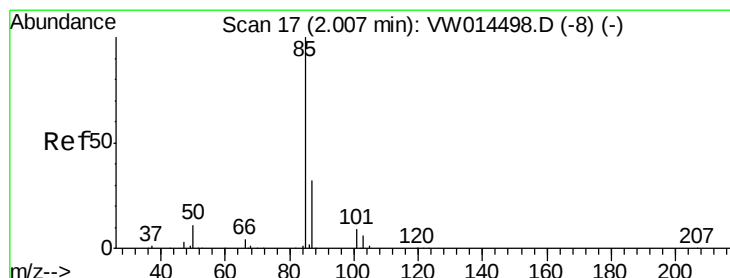
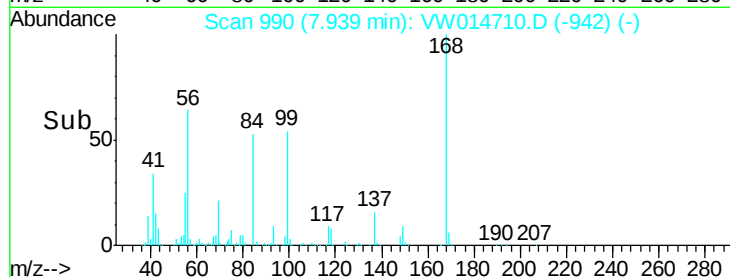
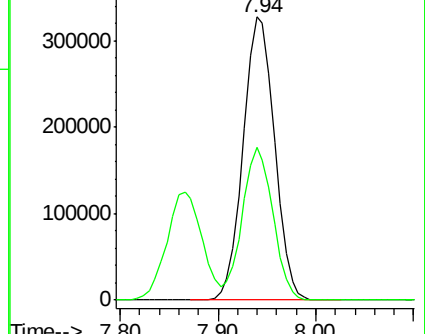
168 100

99 54.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 41.19 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014710.D

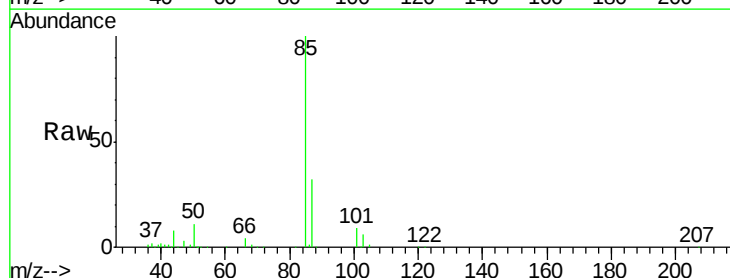
Acq: 22 Jan 2020 13:31

Tgt Ion: 85 Resp: 169552

Ion Ratio Lower Upper

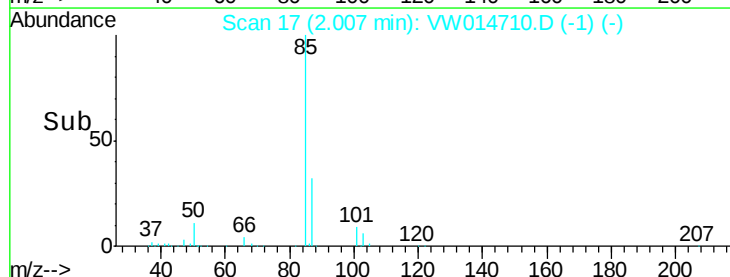
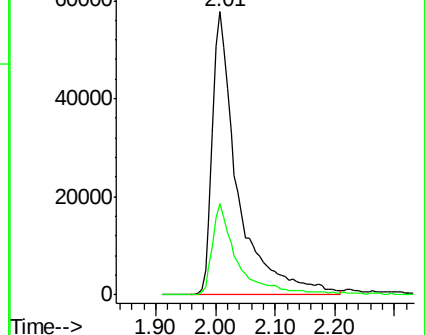
85 100

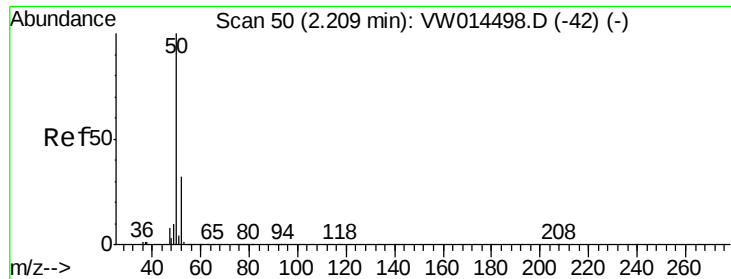
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.15 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

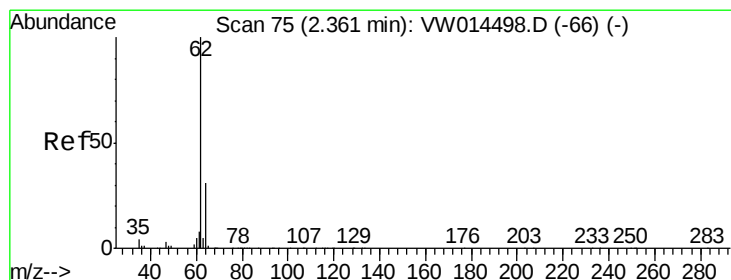
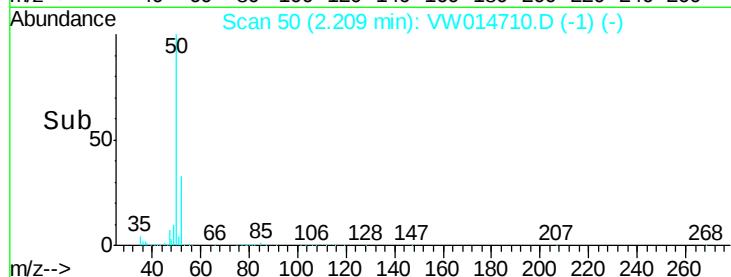
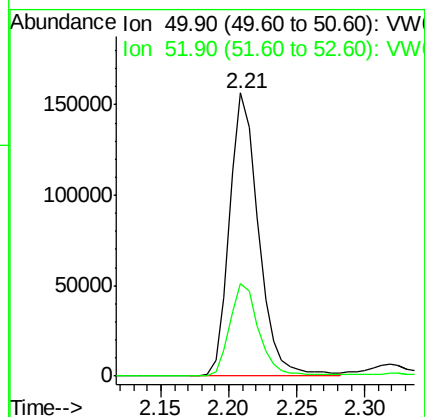
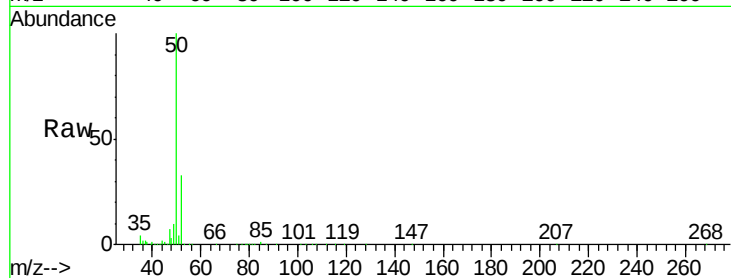
VSTDCCC050

Tgt Ion: 50 Resp: 232531

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.8



#4

Vinyl Chloride

Concen: 47.91 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014710.D

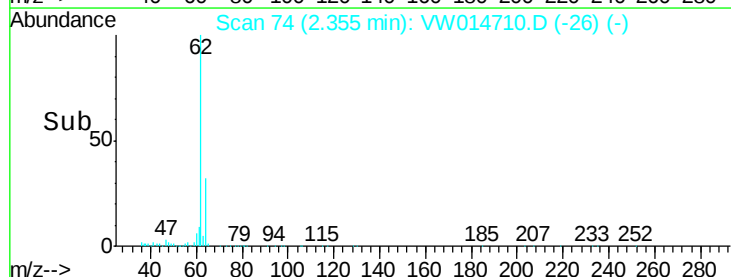
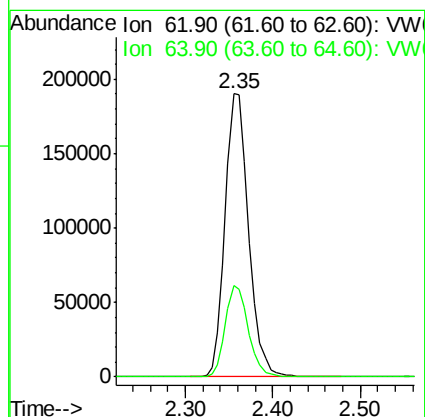
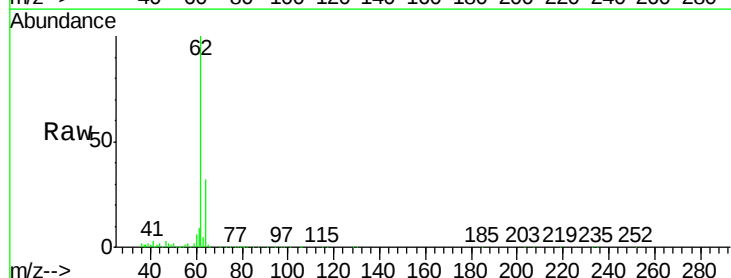
Acq: 22 Jan 2020 13:31

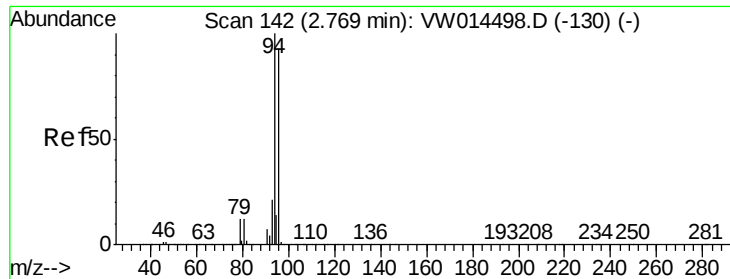
Tgt Ion: 62 Resp: 355036

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 47.20 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

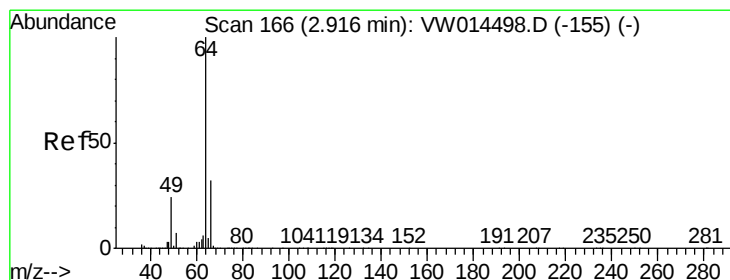
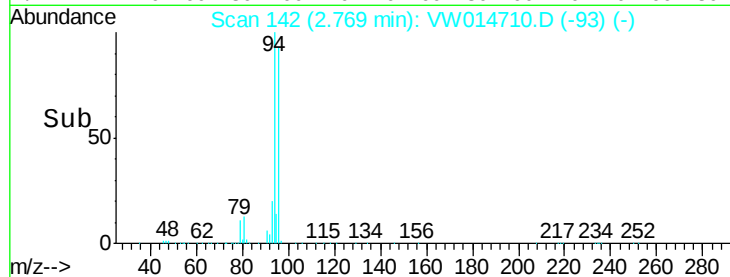
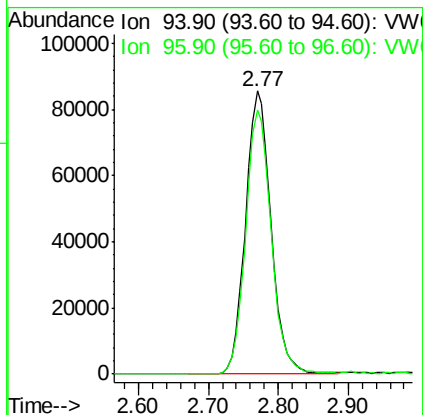
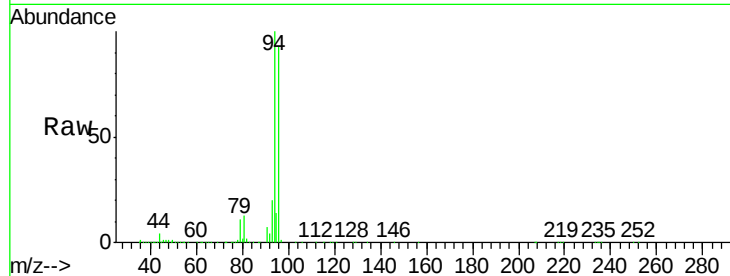
VSTDCCC050

Tgt Ion: 94 Resp: 216101

Ion Ratio Lower Upper

94 100

96 93.4 74.2 111.2



#6

Chloroethane

Concen: 48.41 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014710.D

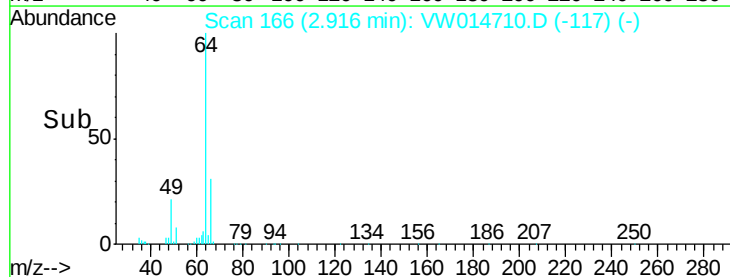
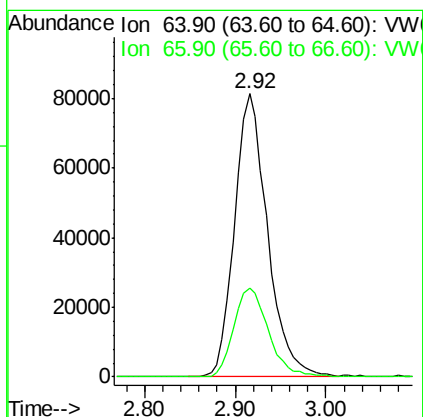
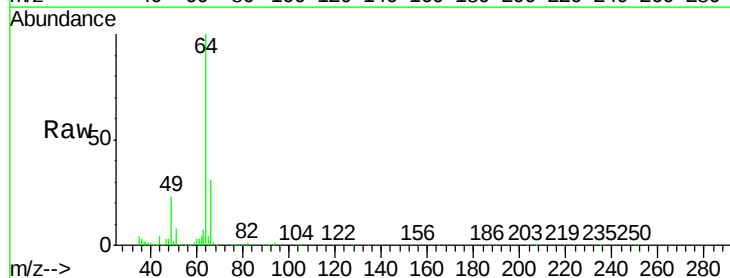
Acq: 22 Jan 2020 13:31

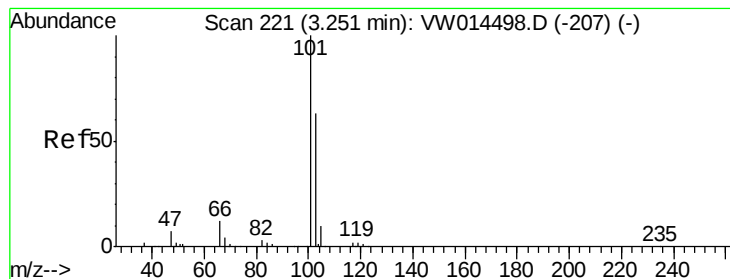
Tgt Ion: 64 Resp: 204520

Ion Ratio Lower Upper

64 100

66 31.2 25.7 38.5



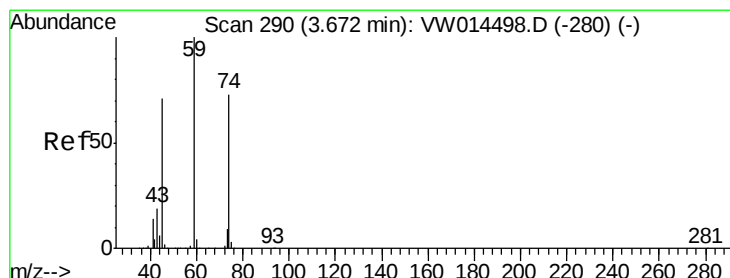
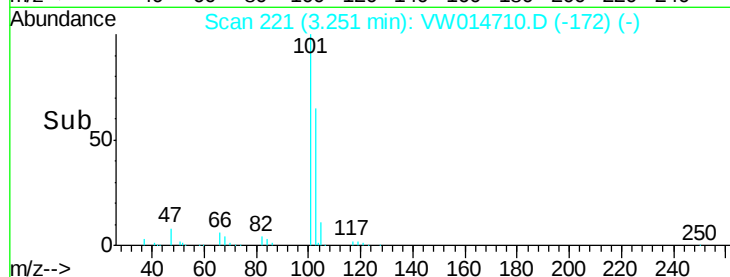
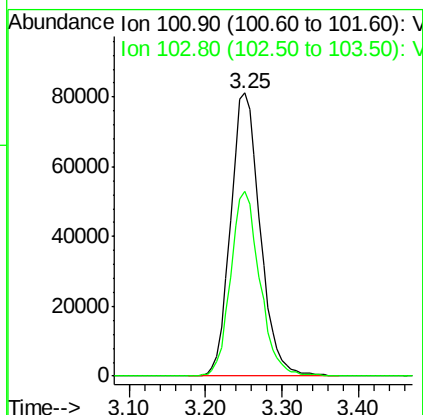
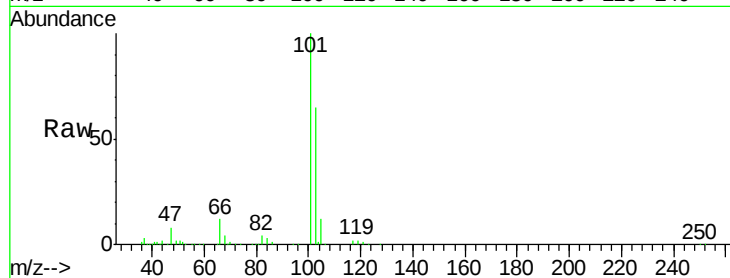


#7

Trichlorofluoromethane
 Concen: 58.61 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Instrument :
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 VSTDCCC050

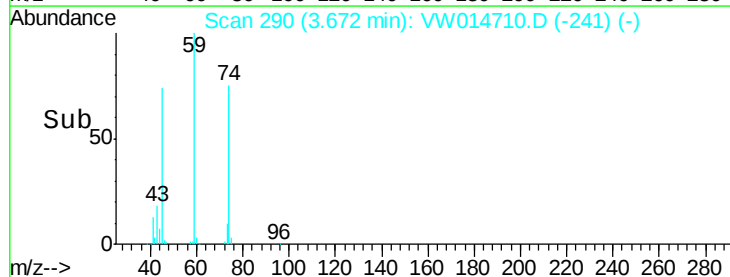
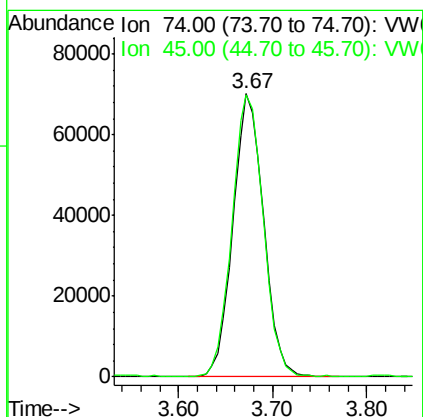
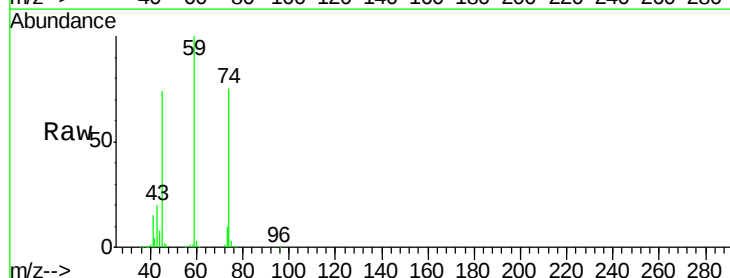
Tgt Ion:101 Resp: 217328
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1



#8

Diethyl Ether
 Concen: 42.96 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion: 74 Resp: 158496
 Ion Ratio Lower Upper
 74 100
 45 102.2 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.92 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

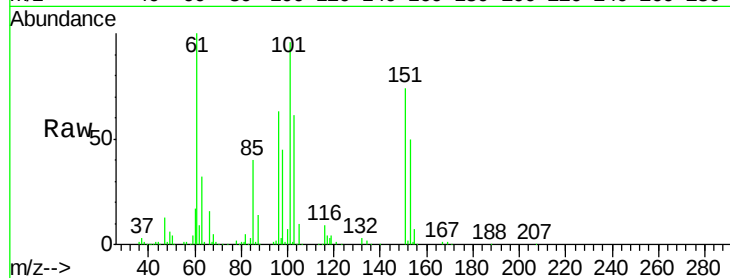
Tgt Ion:101 Resp: 331967

Ion Ratio Lower Upper

101 100

85 42.5 33.7 50.5

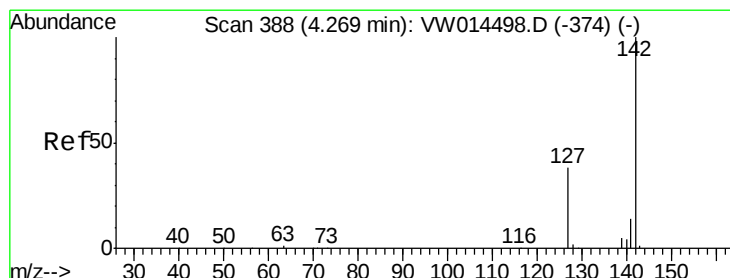
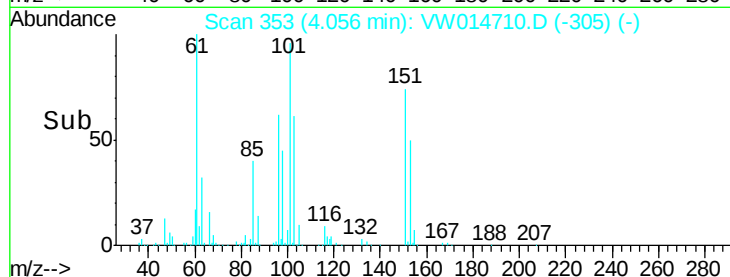
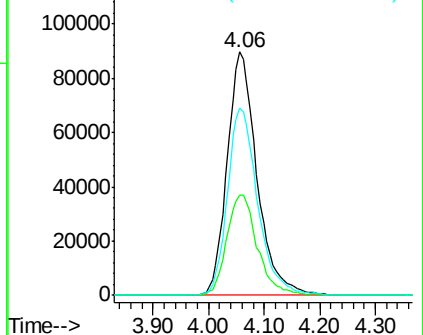
151 78.4 63.5 95.3



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: 44.53 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

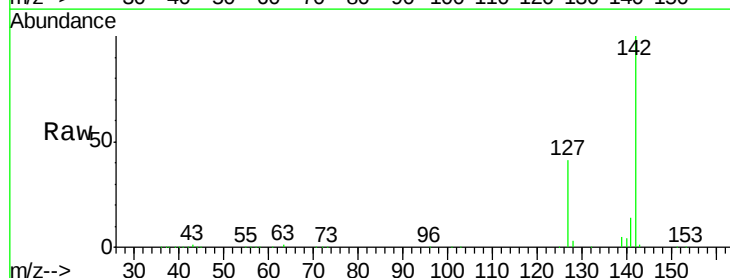
Tgt Ion:142 Resp: 465437

Ion Ratio Lower Upper

142 100

127 39.4 30.2 45.4

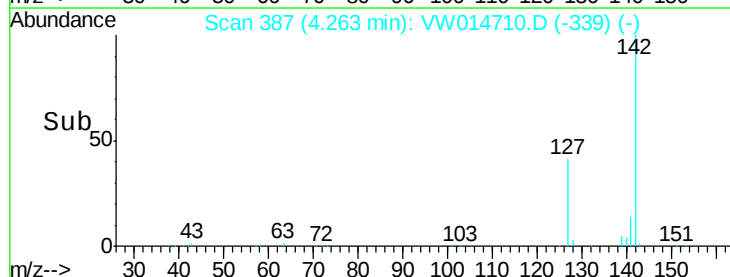
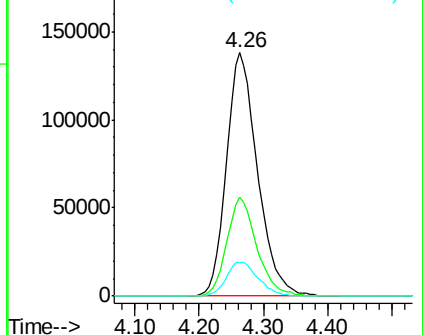
141 14.5 11.4 17.2

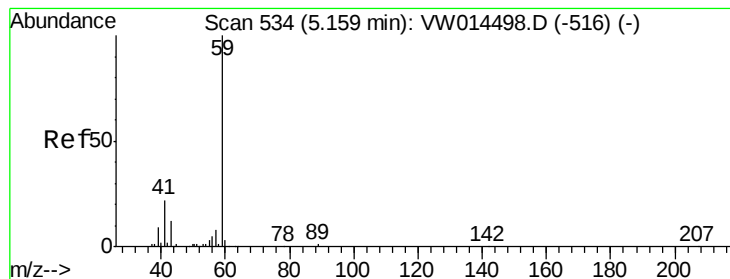


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 191.95 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

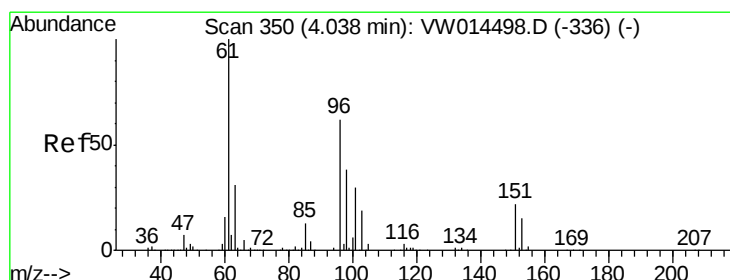
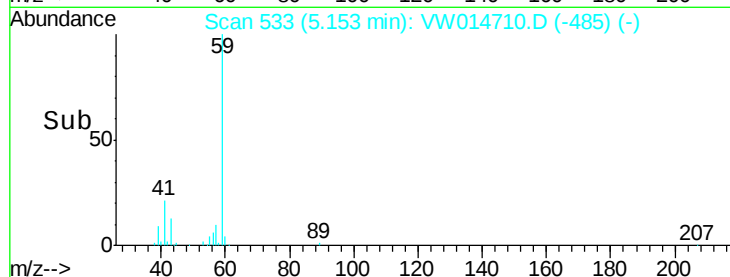
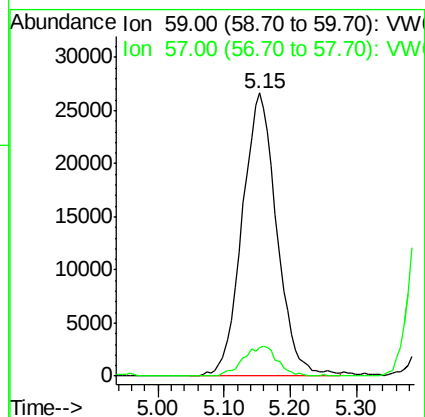
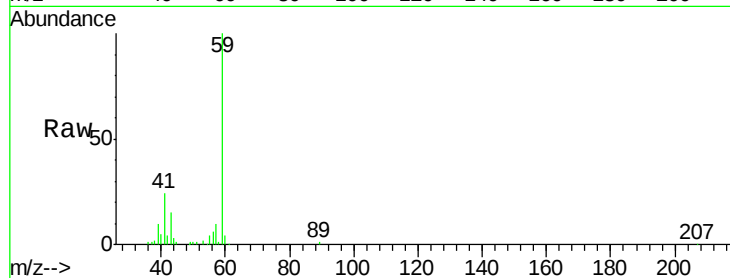
VSTDCCC050

Tgt Ion: 59 Resp: 96955

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 46.91 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

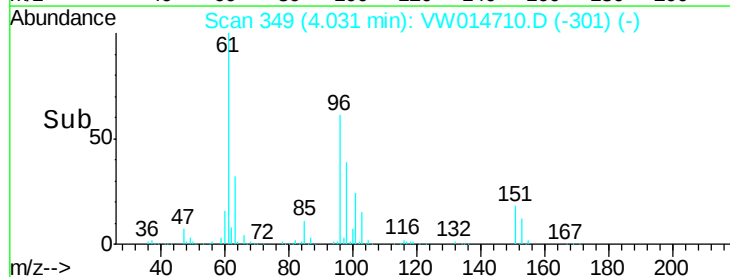
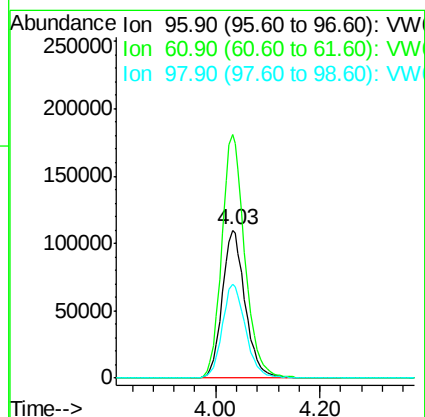
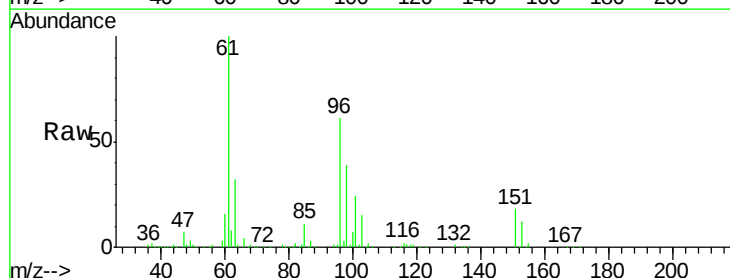
Tgt Ion: 96 Resp: 340354

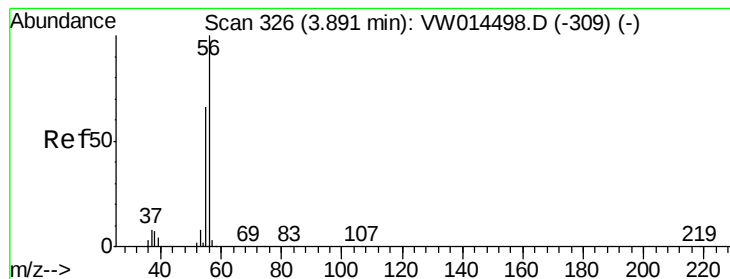
Ion Ratio Lower Upper

96 100

61 164.8 128.4 192.6

98 63.6 49.1 73.7





#13

Acrolein

Concen: 263.43 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

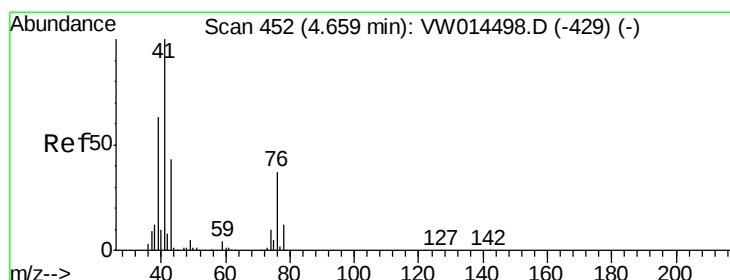
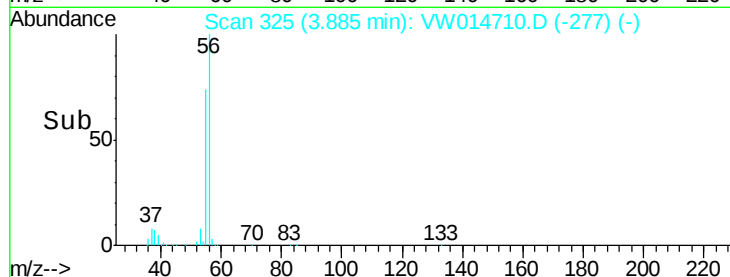
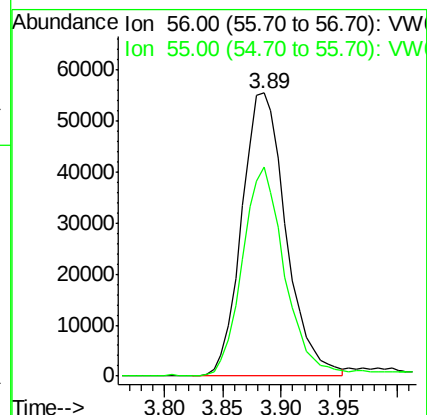
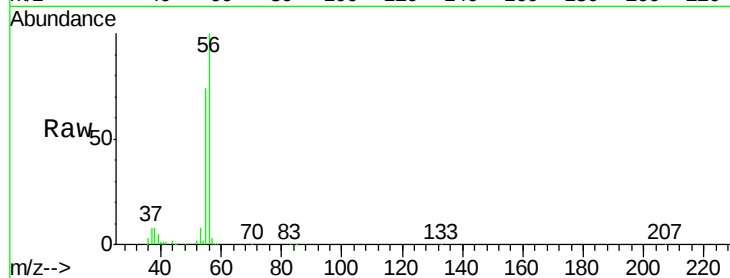
VSTDCCC050

Tgt Ion: 56 Resp: 146558

Ion Ratio Lower Upper

56 100

55 69.9 56.7 85.1



#14

Allyl chloride

Concen: 50.30 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

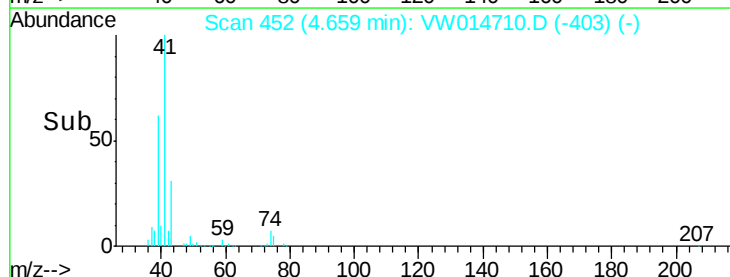
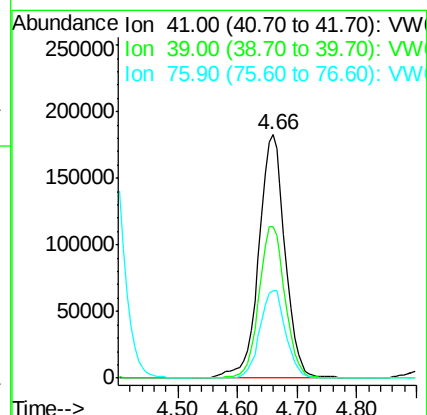
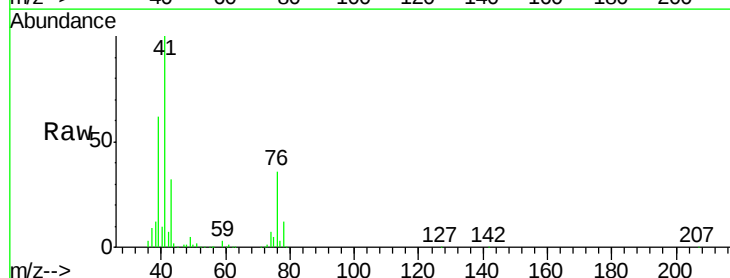
Tgt Ion: 41 Resp: 557668

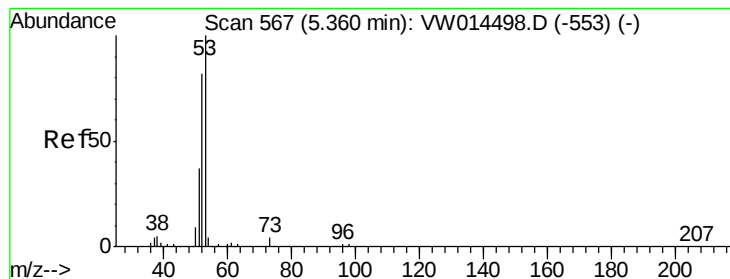
Ion Ratio Lower Upper

41 100

39 62.0 48.5 72.7

76 35.2 28.1 42.1





#15

Acrylonitrile

Concen: 210.07 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

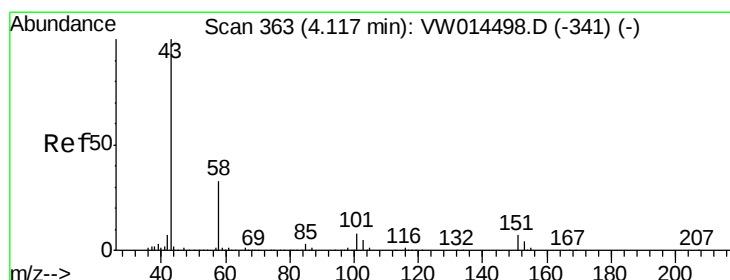
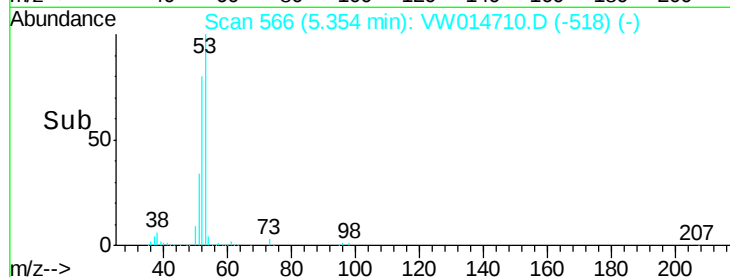
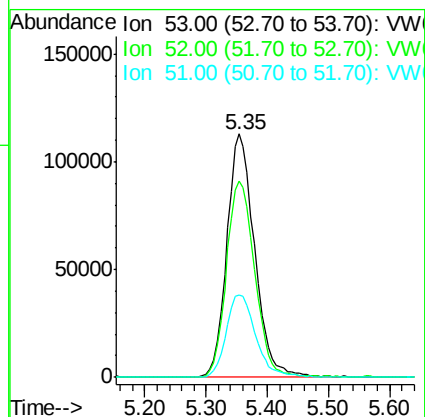
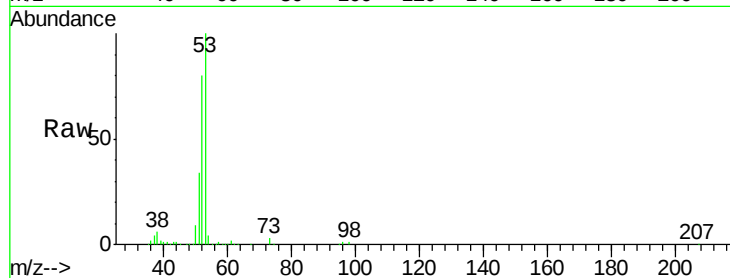
Tgt Ion: 53 Resp: 354254

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

51 36.3 28.4 42.6



#16

Acetone

Concen: 262.81 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014710.D

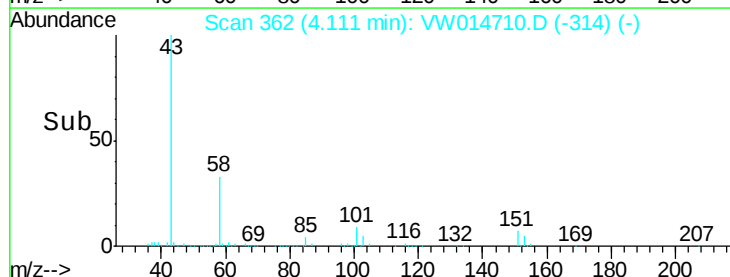
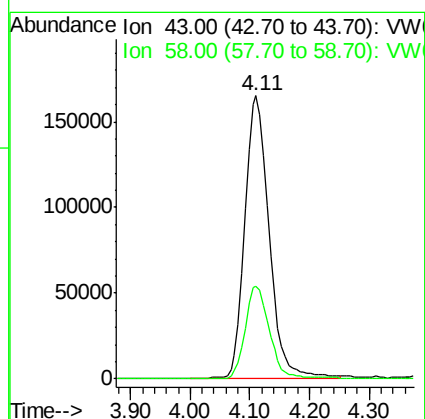
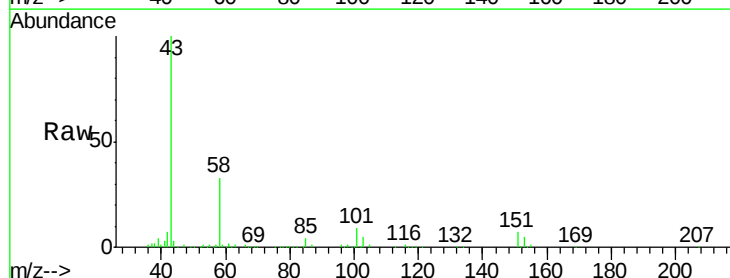
Acq: 22 Jan 2020 13:31

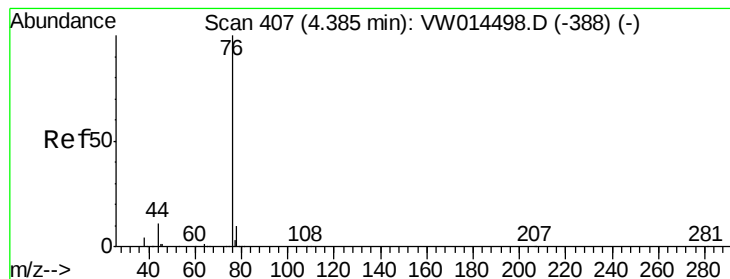
Tgt Ion: 43 Resp: 473021

Ion Ratio Lower Upper

43 100

58 32.8 26.6 39.8





#17

Carbon Disulfide

Concen: 45.91 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

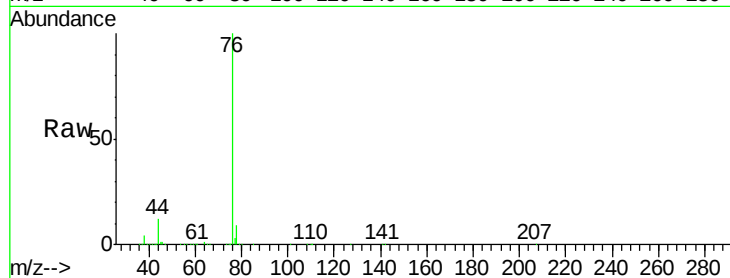
VSTDCCC050

Tgt Ion: 76 Resp: 1003860

Ion Ratio Lower Upper

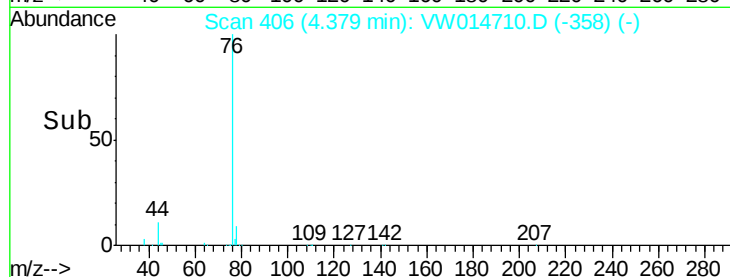
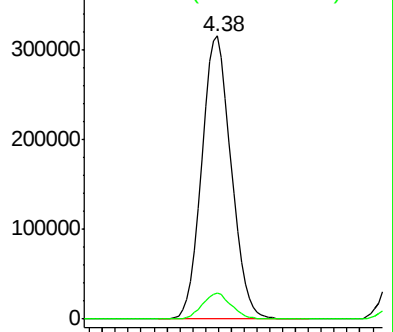
76 100

78 9.0 7.8 11.6

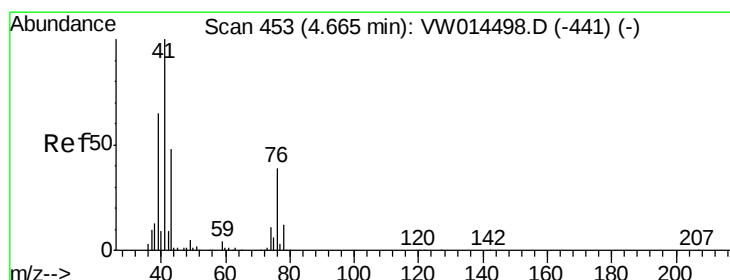


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 40.44 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014710.D

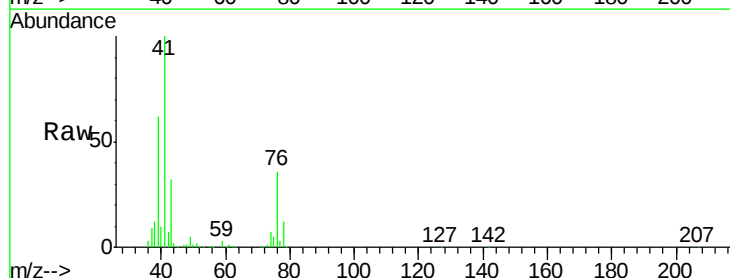
Acq: 22 Jan 2020 13:31

Tgt Ion: 43 Resp: 175802

Ion Ratio Lower Upper

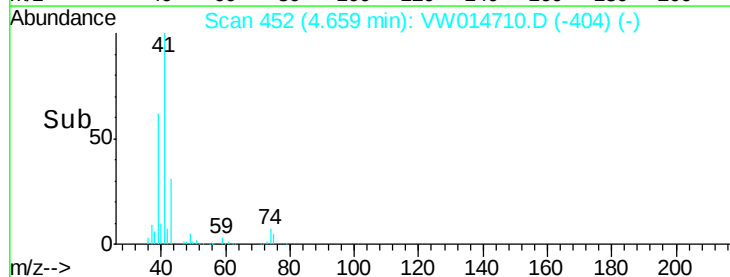
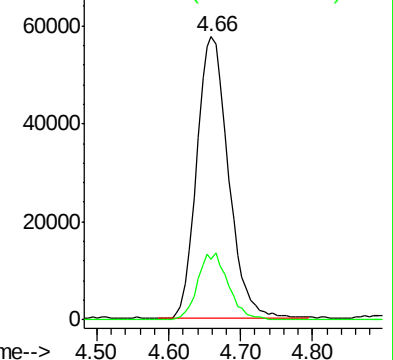
43 100

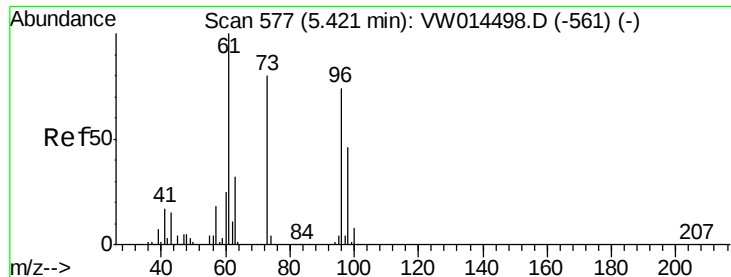
74 23.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



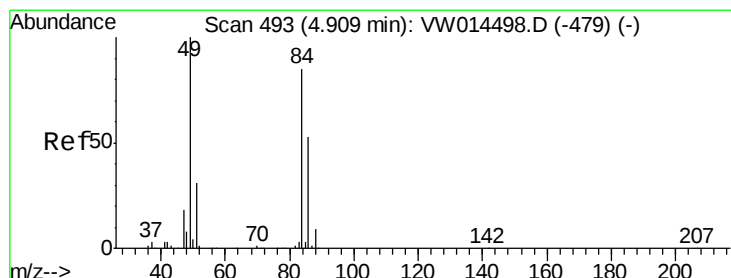
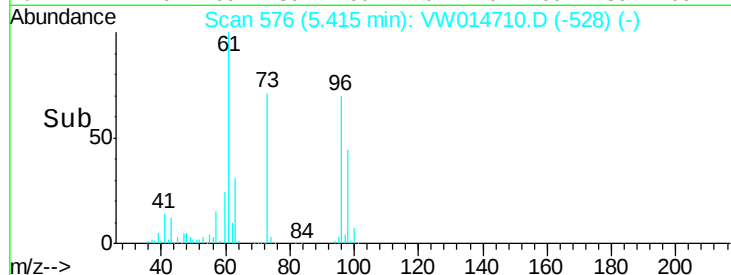
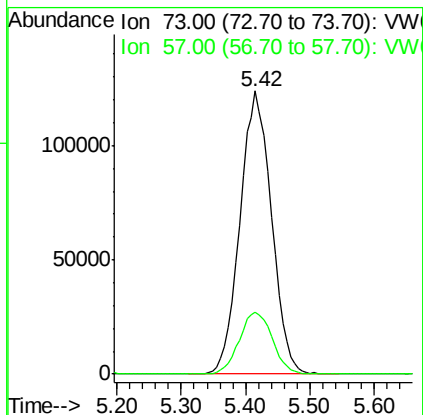
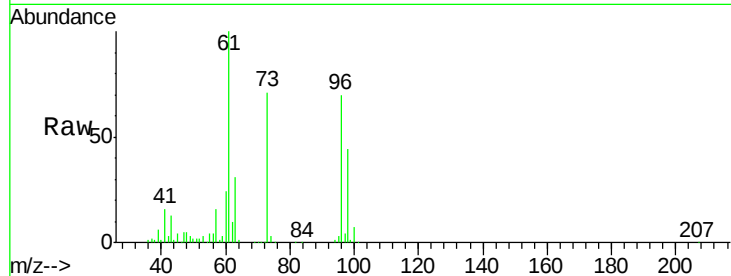


#19

Methyl tert-butyl Ether
 Concen: 46.25 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

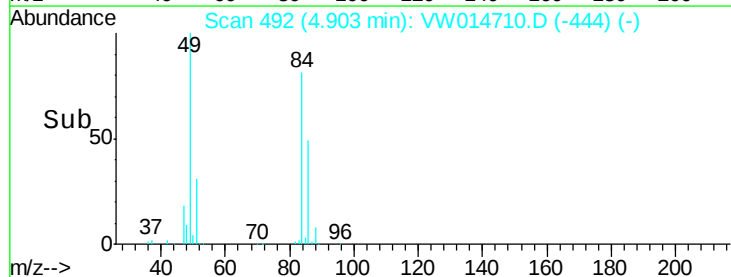
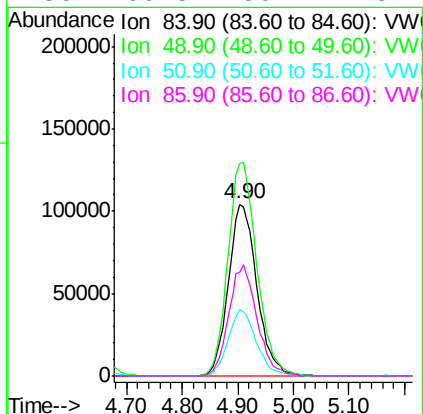
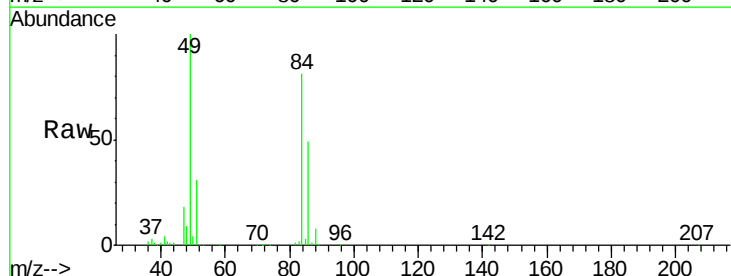
Tgt Ion: 73 Resp: 416499
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.1 27.1

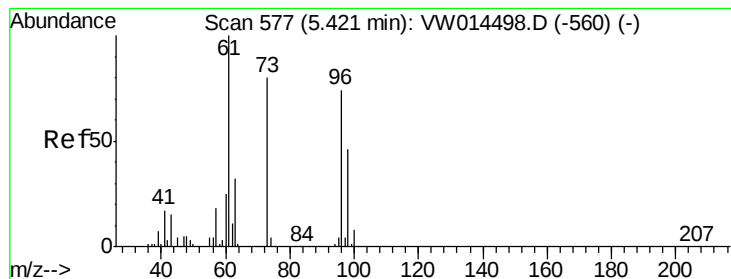


#20

Methylene Chloride
 Concen: 50.69 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion: 84 Resp: 368573
 Ion Ratio Lower Upper
 84 100
 49 124.1 94.4 141.6
 51 38.7 29.5 44.3
 86 60.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.77 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

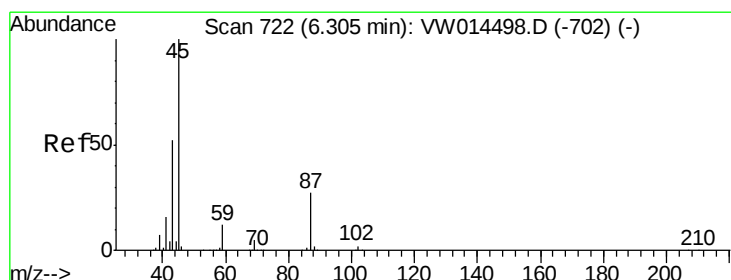
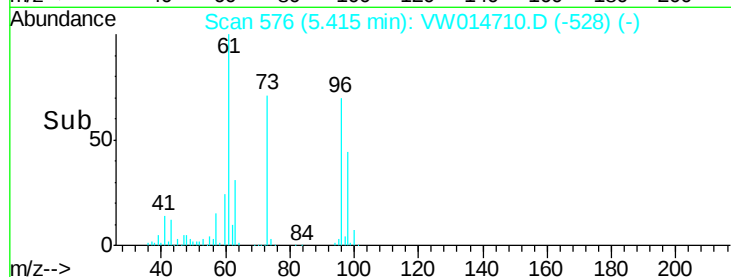
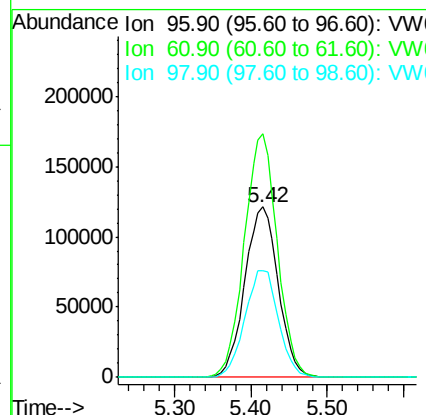
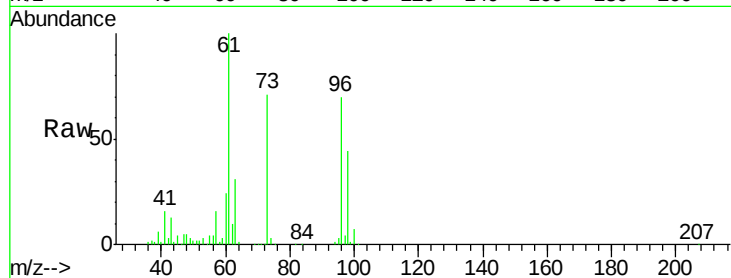
Tgt Ion: 96 Resp: 368030

Ion Ratio Lower Upper

96 100

61 142.8 107.8 161.6

98 62.9 49.4 74.0



#22

Diisopropyl ether

Concen: 48.73 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Tgt Ion: 45 Resp: 1011236

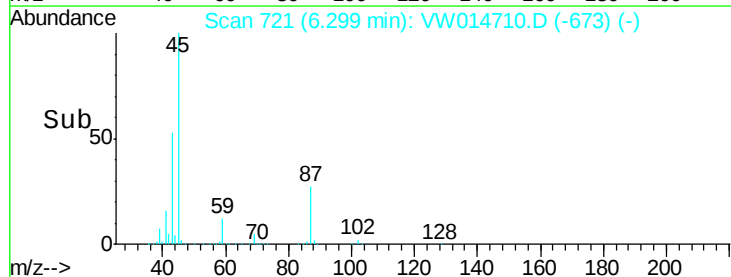
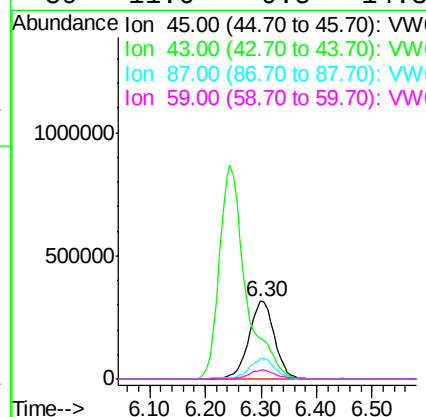
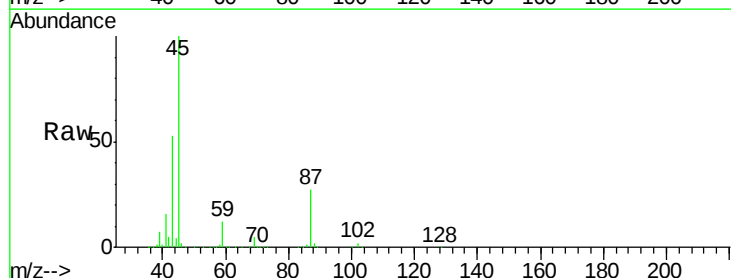
Ion Ratio Lower Upper

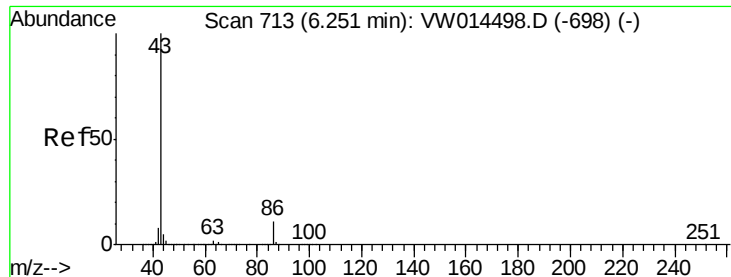
45 100

43 53.1 41.4 62.0

87 26.9 22.2 33.2

59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 228.32 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

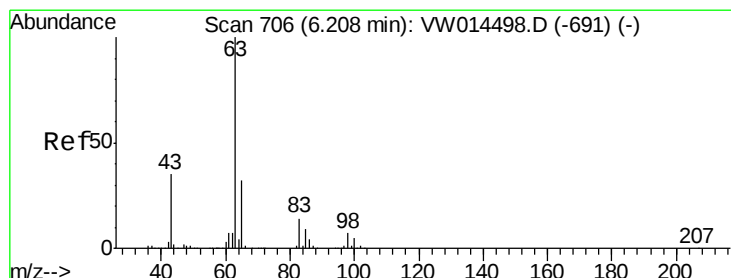
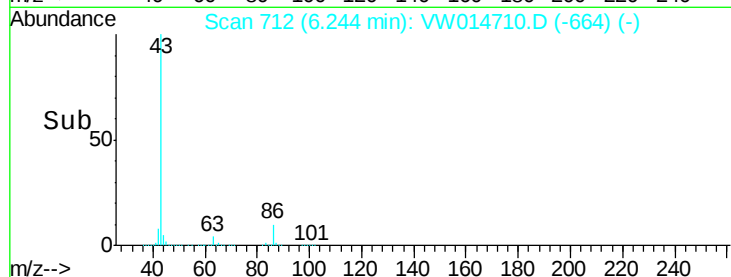
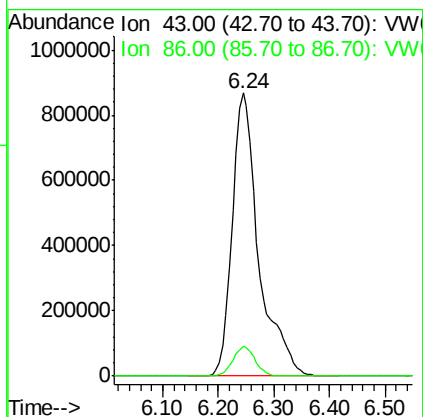
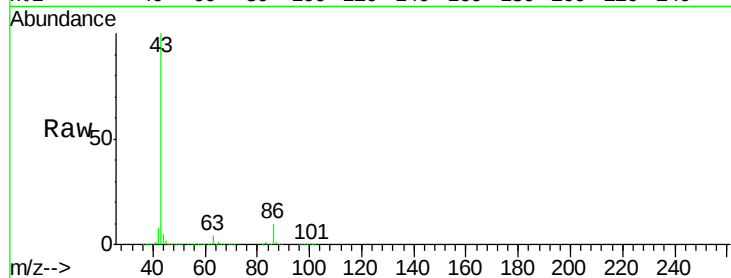
VSTDCCC050

Tgt Ion: 43 Resp: 2861159

Ion Ratio Lower Upper

43 100

86 10.4 8.8 13.2



#24

1,1-Dichloroethane

Concen: 48.66 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

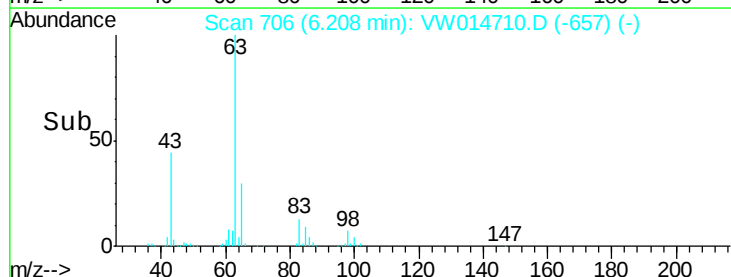
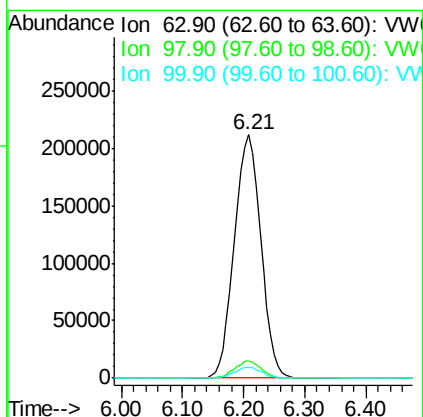
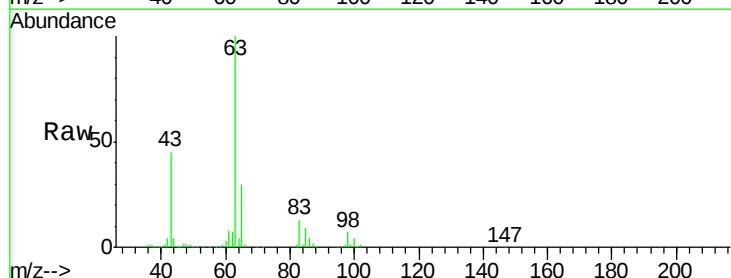
Tgt Ion: 63 Resp: 637000

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 219.77 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

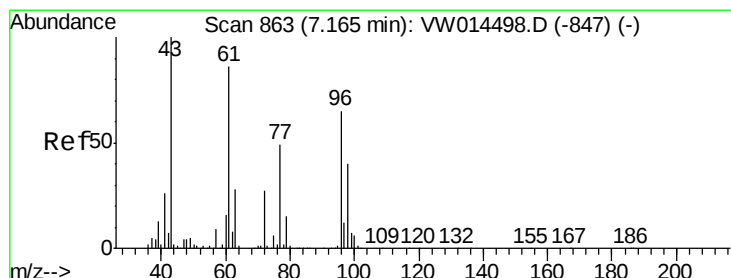
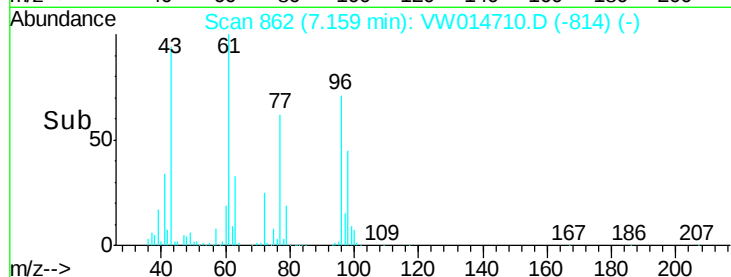
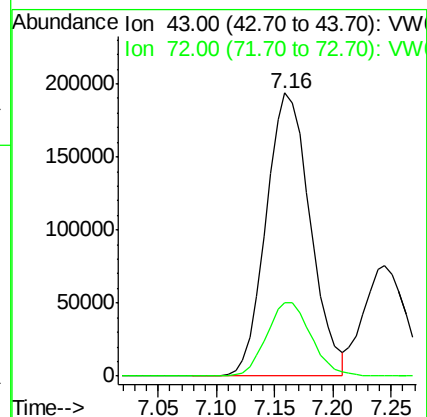
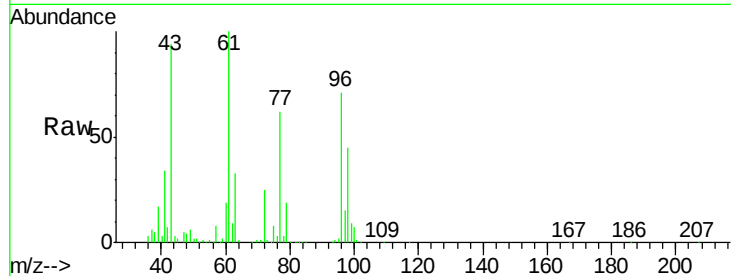
VSTDCCC050

Tgt Ion: 43 Resp: 507631

Ion Ratio Lower Upper

43 100

72 26.0 21.9 32.9



#26

2,2-Dichloropropane

Concen: 49.74 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014710.D

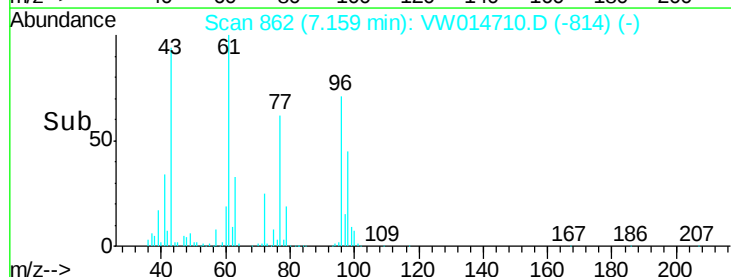
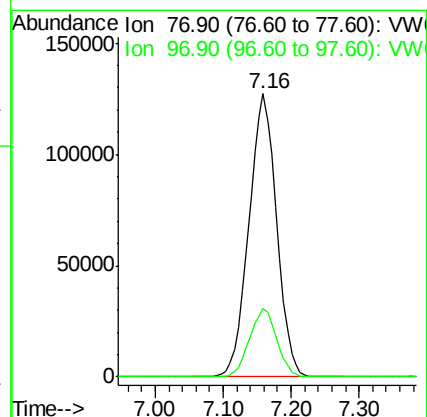
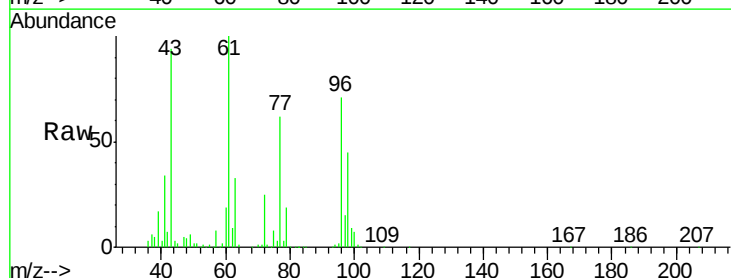
Acq: 22 Jan 2020 13:31

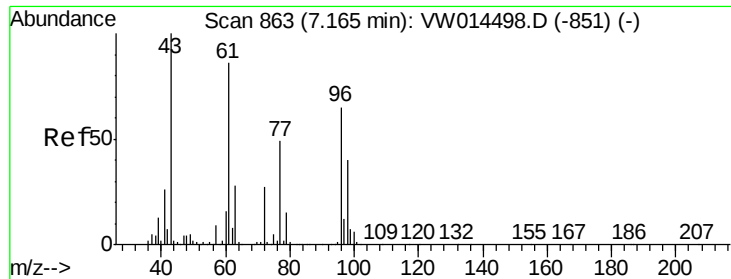
Tgt Ion: 77 Resp: 360501

Ion Ratio Lower Upper

77 100

97 23.7 12.5 37.5



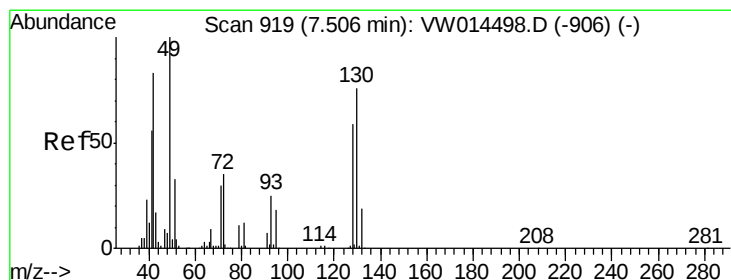
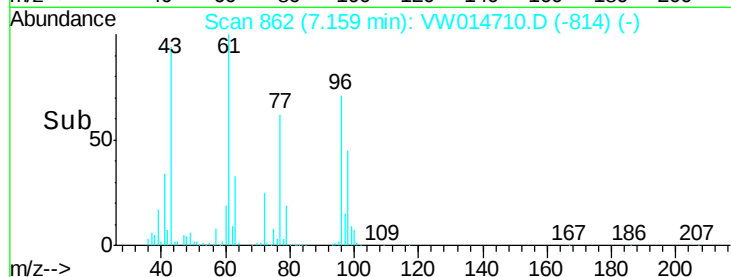
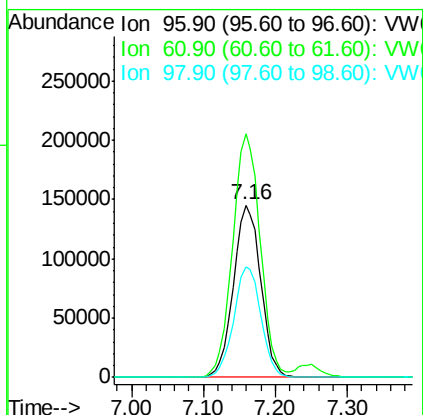
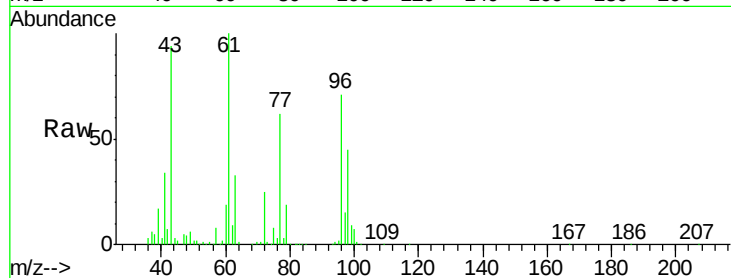


#27

cis-1,2-Dichloroethene
Concen: 47.15 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

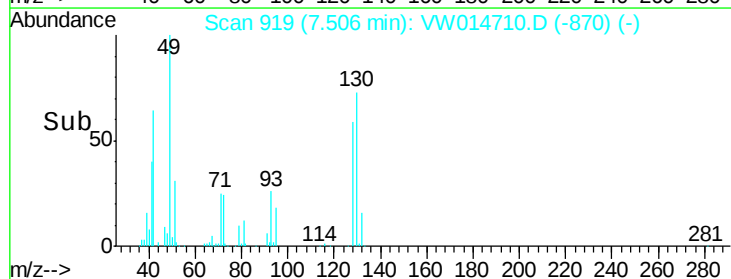
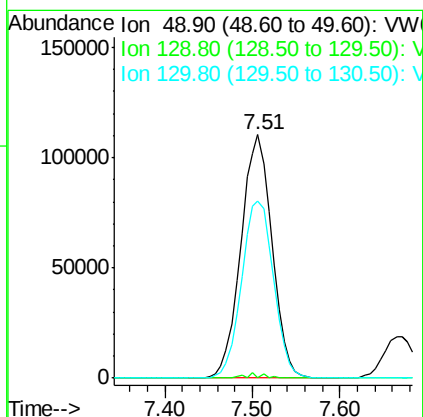
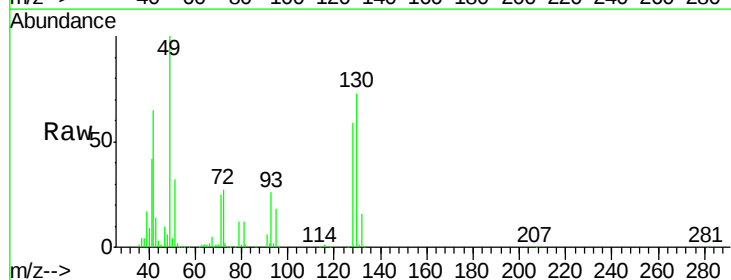
Tgt Ion: 96 Resp: 381671
Ion Ratio Lower Upper
96 100
61 143.2 0.0 274.8
98 63.7 0.0 128.6

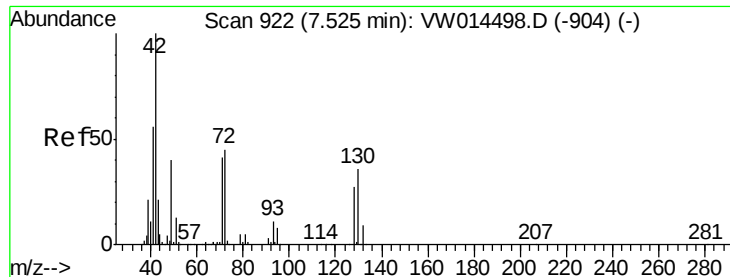


#28

Bromochloromethane
Concen: 53.05 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 49 Resp: 272265
Ion Ratio Lower Upper
49 100
129 0.8 0.0 2.0
130 75.1 62.5 93.7





#29

Tetrahydrofuran

Concen: 200.17 ug/l

RT: 7.52 min Scan# 921

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

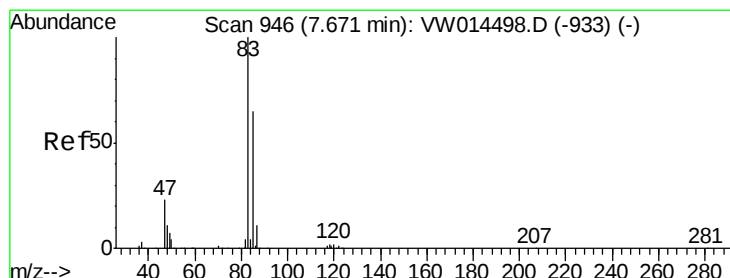
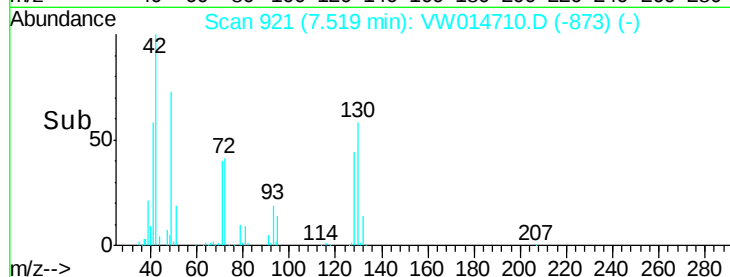
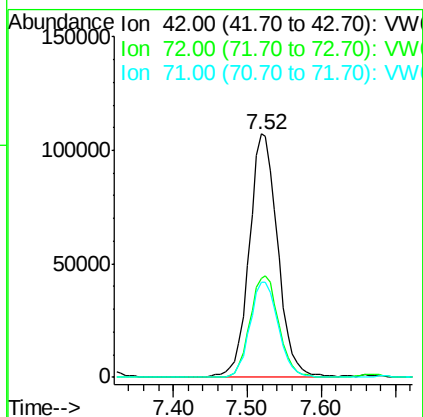
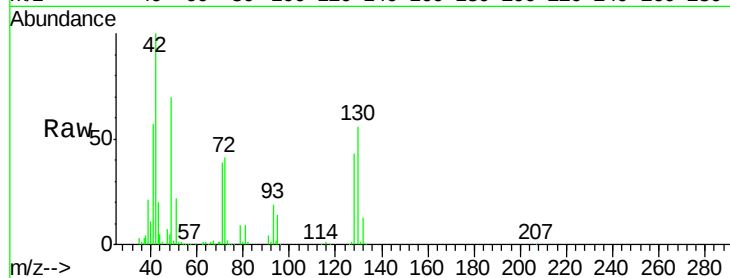
Tgt Ion: 42 Resp: 286438

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

71 39.1 32.0 48.0



#30

Chloroform

Concen: 48.19 ug/l

RT: 7.66 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW014710.D

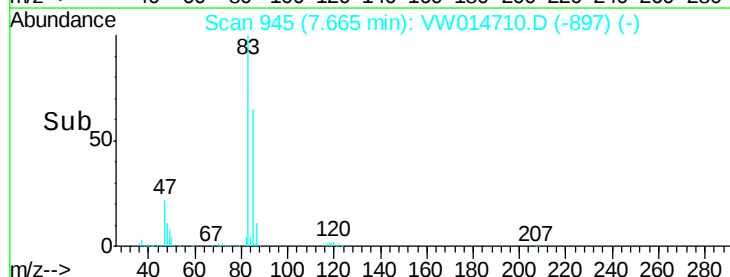
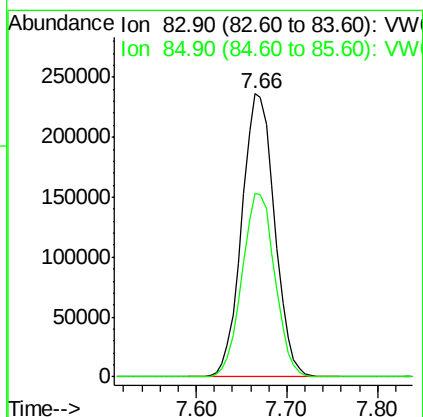
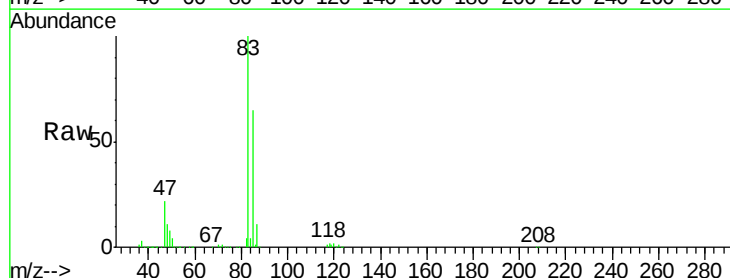
Acq: 22 Jan 2020 13:31

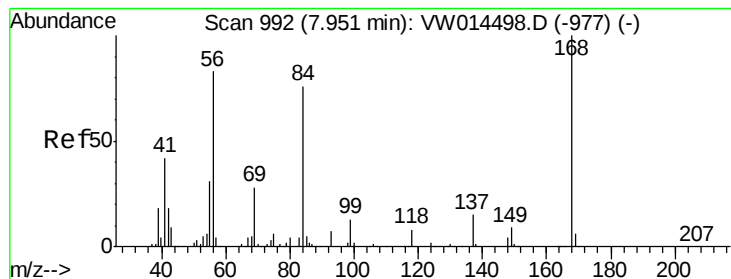
Tgt Ion: 83 Resp: 589912

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.2





#31

Cyclohexane

Concen: 46.99 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

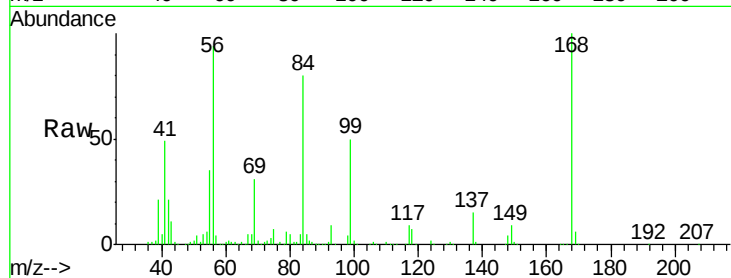
Tgt Ion: 56 Resp: 639210

Ion Ratio Lower Upper

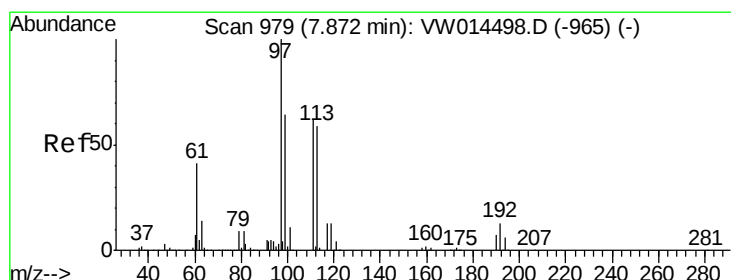
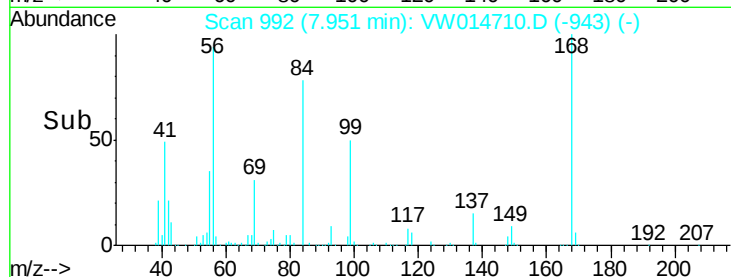
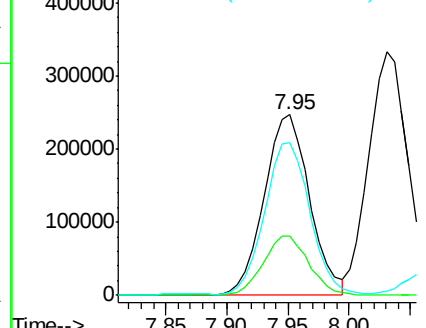
56 100

69 32.7 26.8 40.2

84 84.0 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 49.78 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

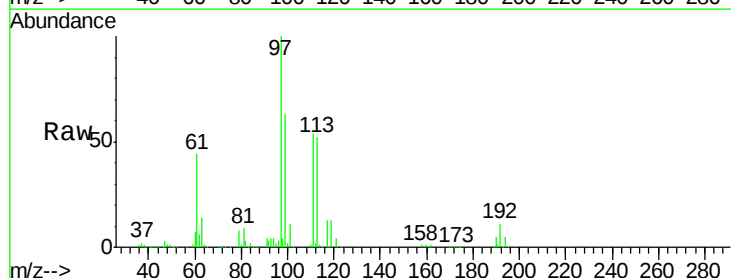
Tgt Ion: 97 Resp: 490089

Ion Ratio Lower Upper

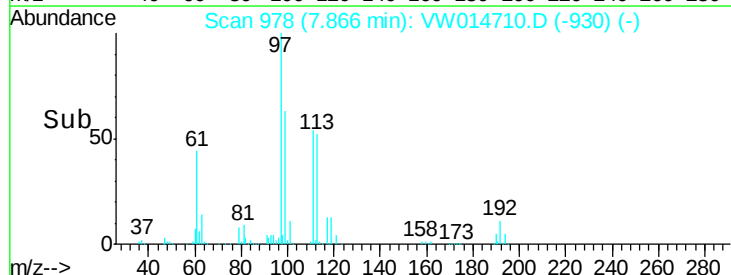
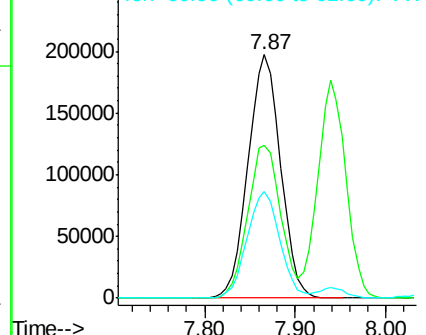
97 100

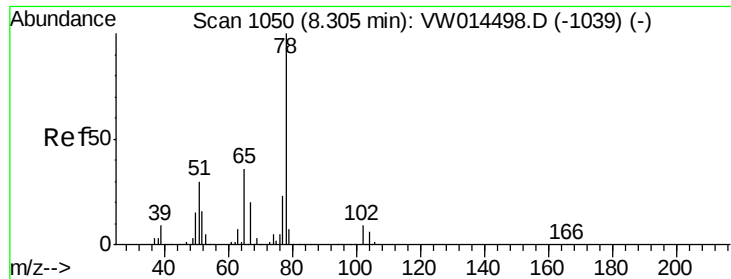
99 64.1 51.8 77.6

61 44.2 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

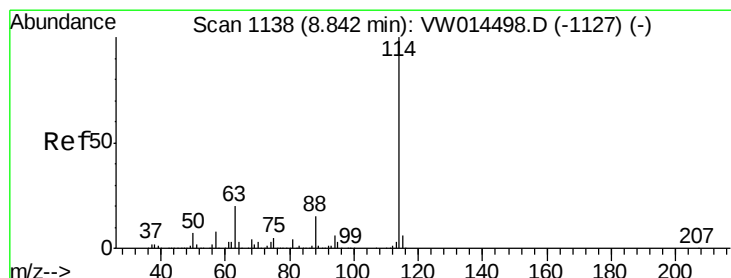
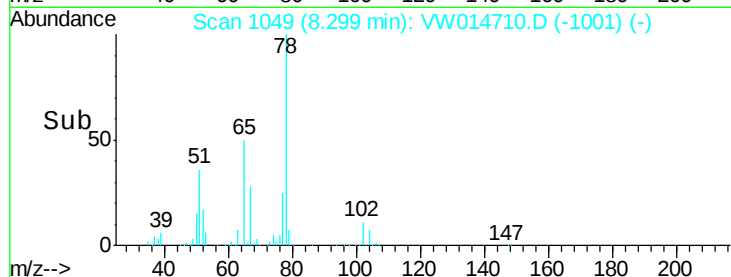
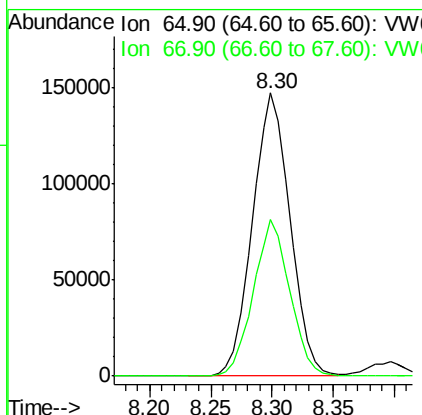
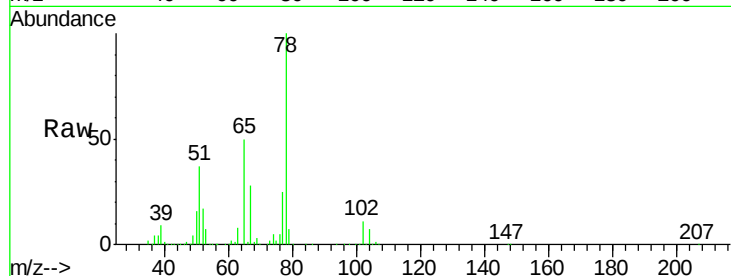




#33
 1,2-Dichloroethane-d4
 Concen: 49.50 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

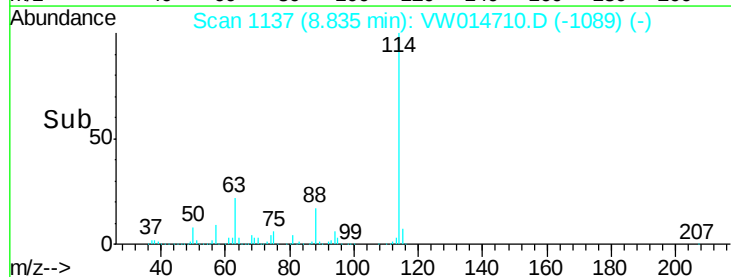
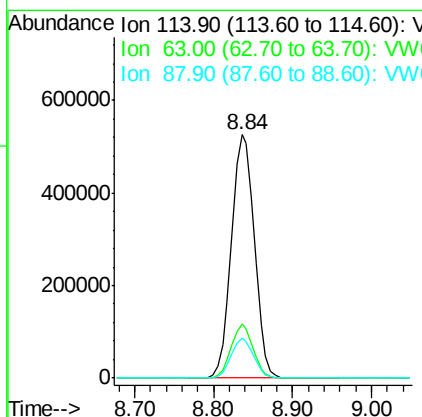
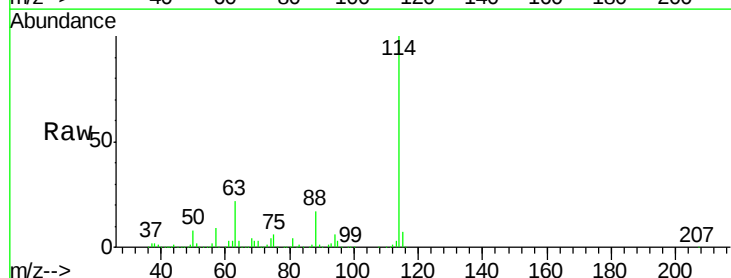
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

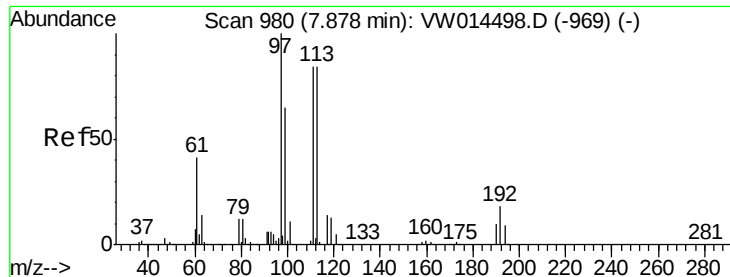
Tgt Ion: 65 Resp: 315517
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion: 114 Resp: 1065976
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.4
 88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.78 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

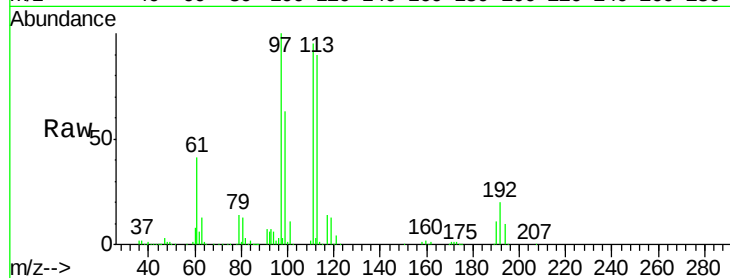
Tgt Ion:113 Resp: 315441

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

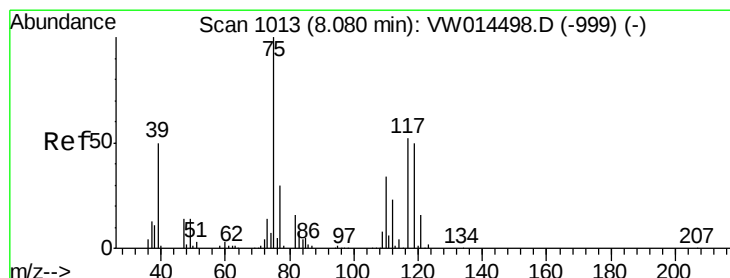
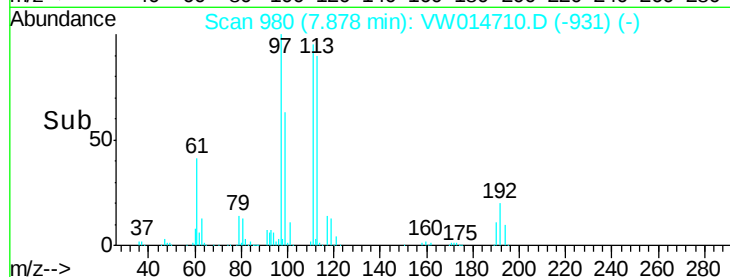
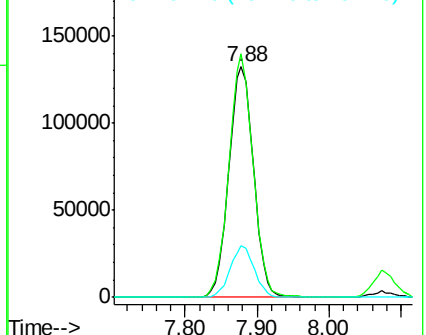
192 21.6 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.76 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

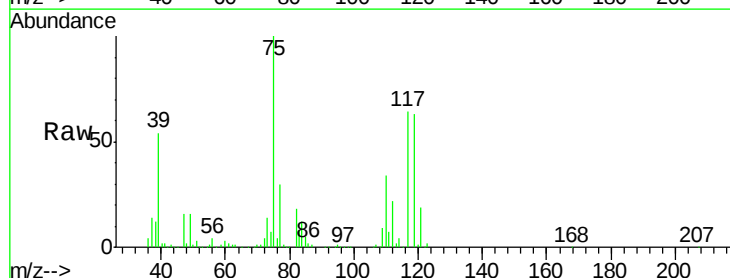
Tgt Ion: 75 Resp: 511348

Ion Ratio Lower Upper

75 100

110 34.5 17.8 53.5

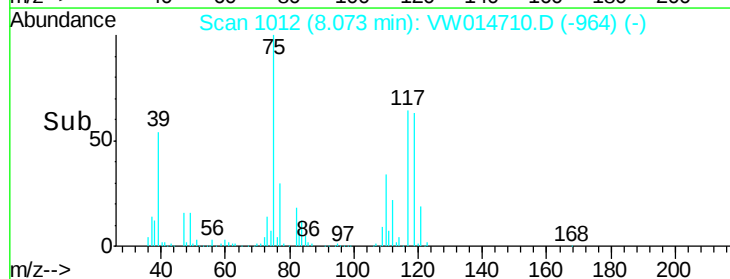
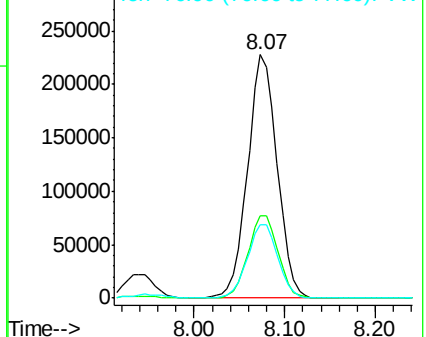
77 31.5 24.7 37.1

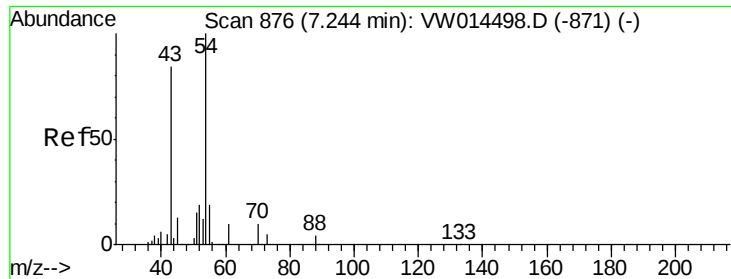


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

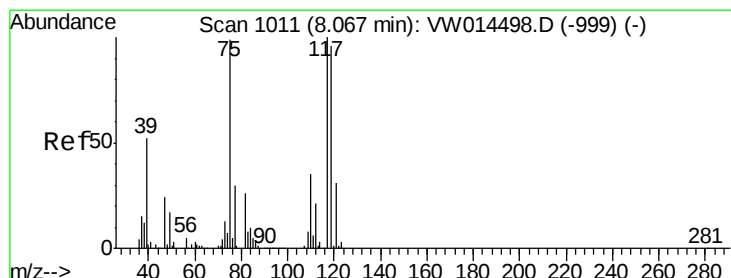
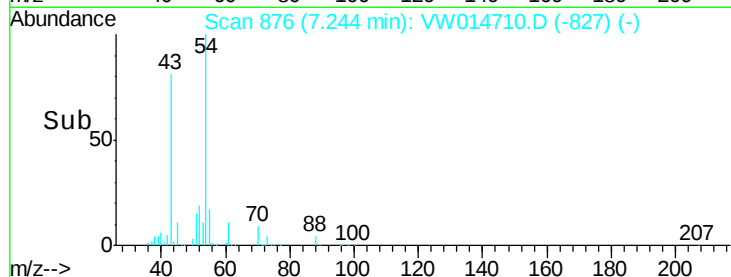
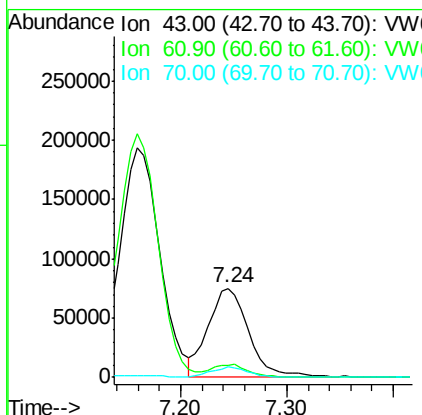
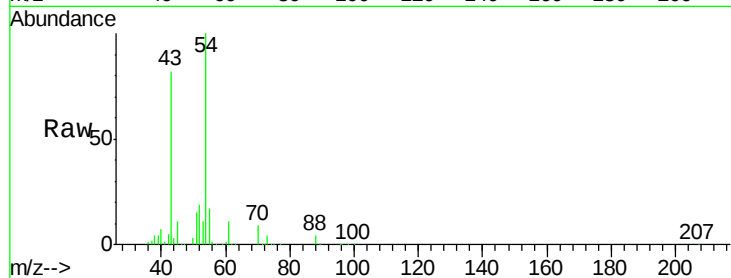




#37
Ethyl Acetate
Concen: 41.85 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

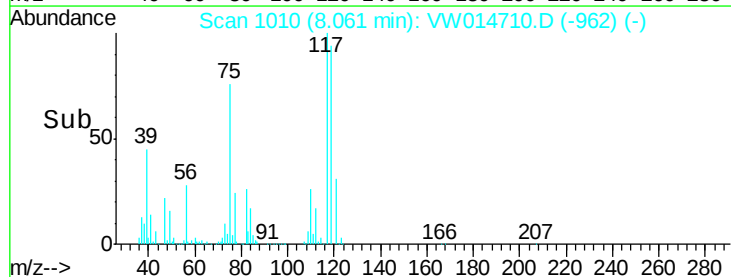
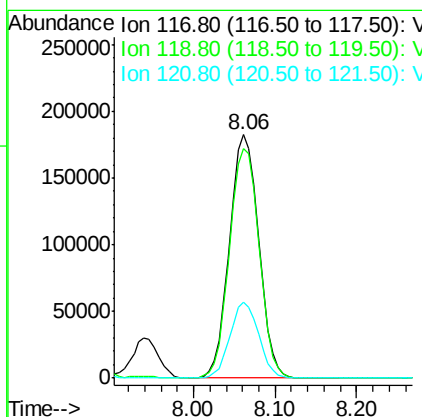
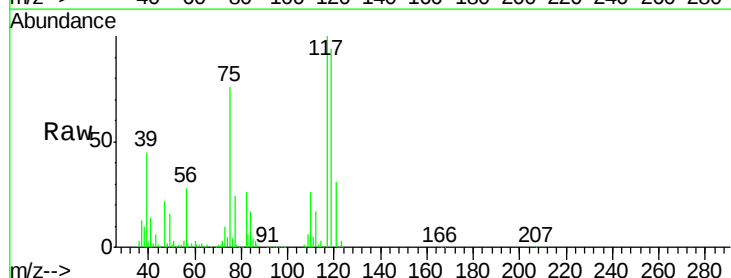
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

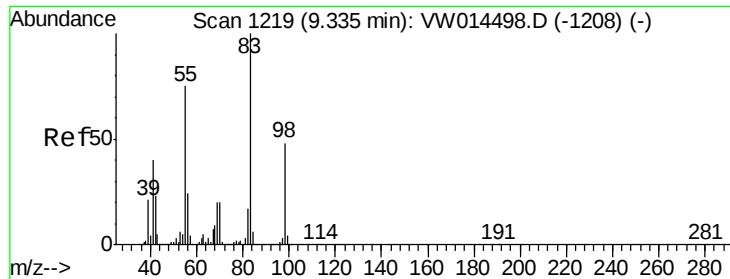
Tgt Ion: 43 Resp: 195047
Ion Ratio Lower Upper
43 100
61 13.7 11.7 17.5
70 10.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 50.50 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 117 Resp: 450236
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.6
121 31.3 24.6 36.8

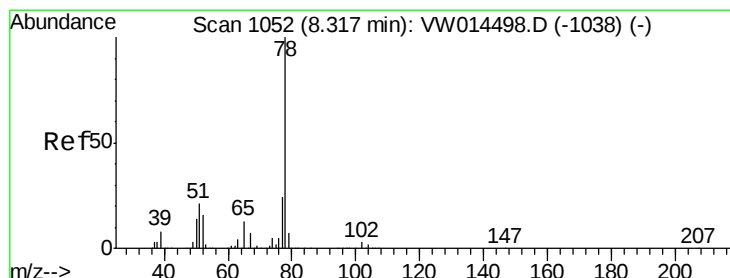
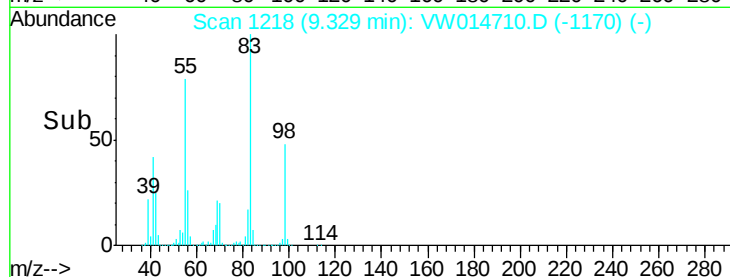
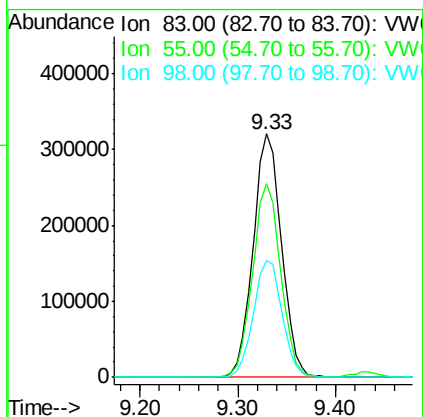
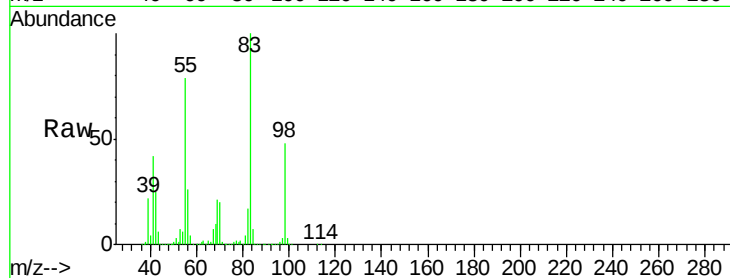




#39
Methylcyclohexane
Concen: 48.97 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

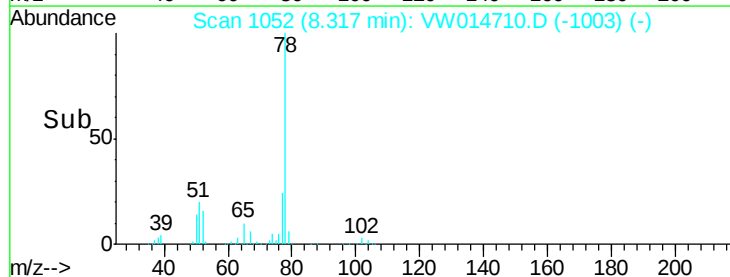
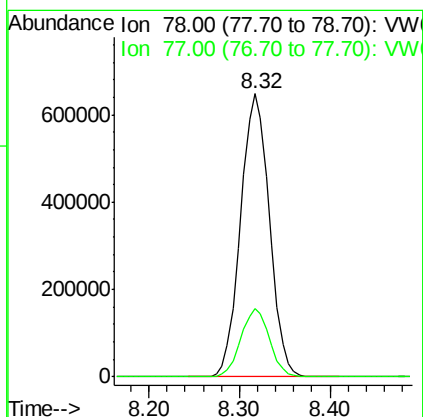
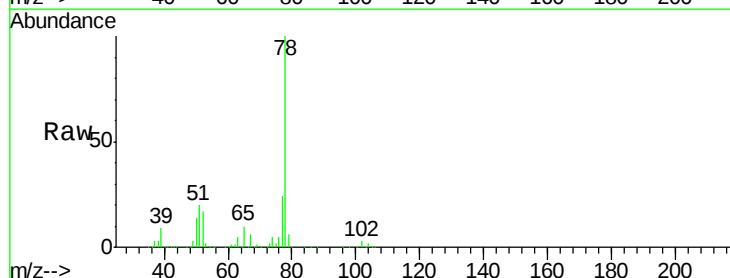
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

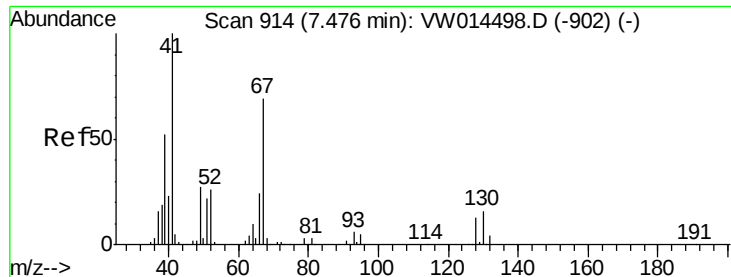
Tgt Ion: 83 Resp: 645859
Ion Ratio Lower Upper
83 100
55 79.4 60.1 90.1
98 47.9 38.8 58.2



#40
Benzene
Concen: 49.02 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 78 Resp: 1425404
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

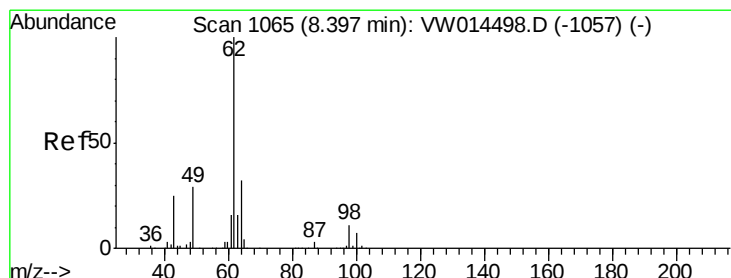
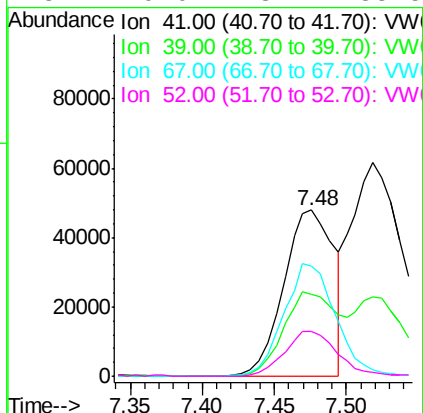
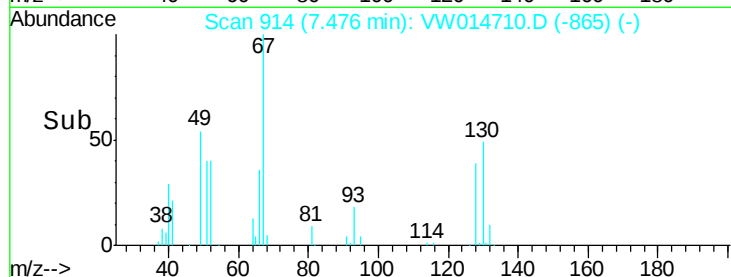
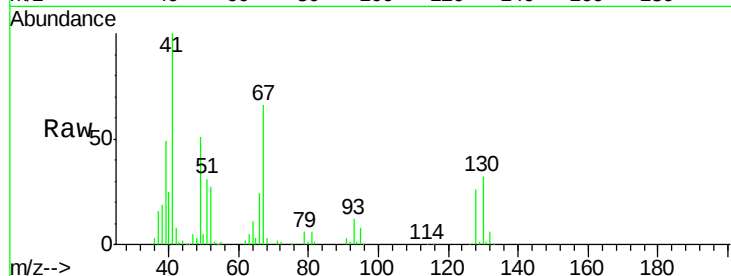




#41
Methacrylonitrile
Concen: 44.69 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

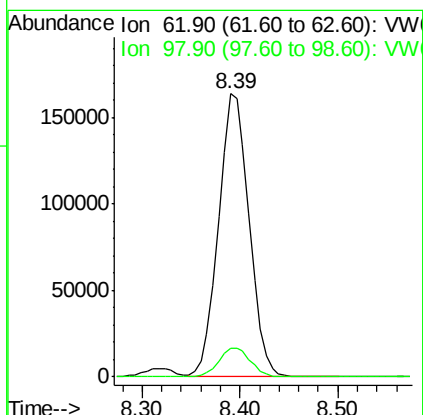
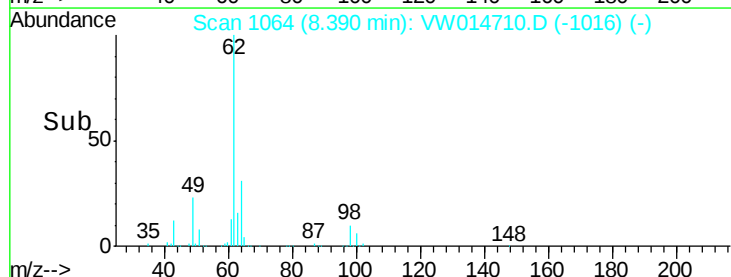
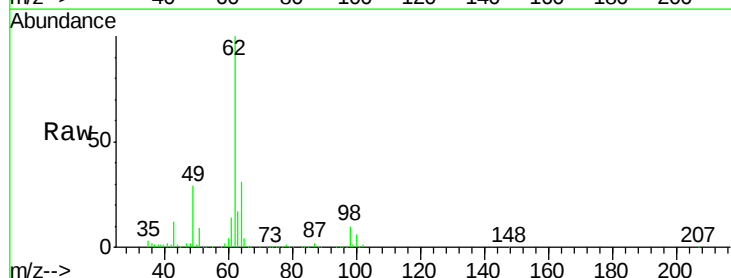
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

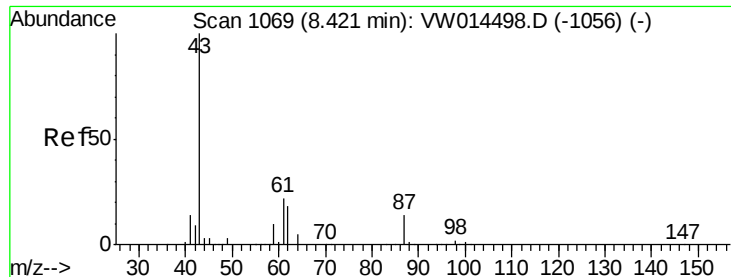
Tgt Ion:	41	Resp:	116097
Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.0	69.0
67	70.3	60.8	91.2
52	29.0	23.7	35.5



#42
1,2-Dichloroethane
Concen: 47.02 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion:	62	Resp:	354750
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	22.0

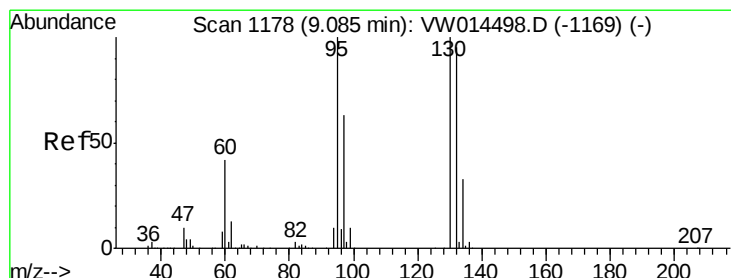
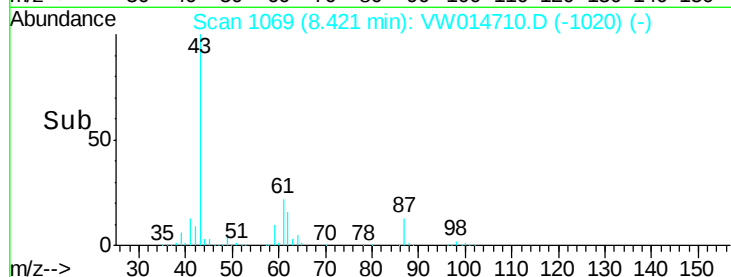
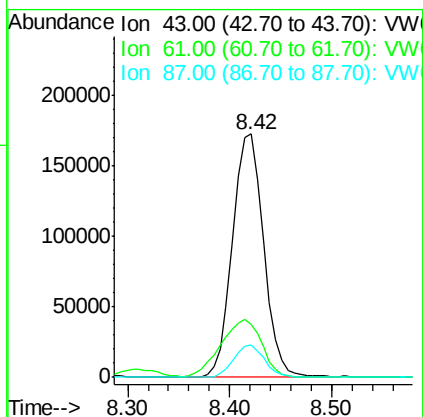
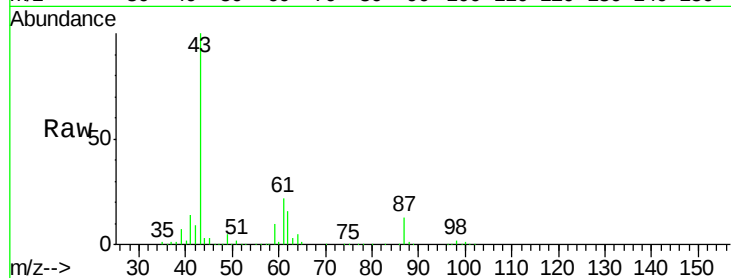




#43
Isopropyl Acetate
Concen: 42.93 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

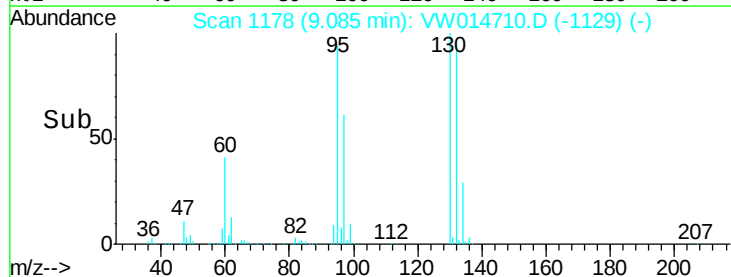
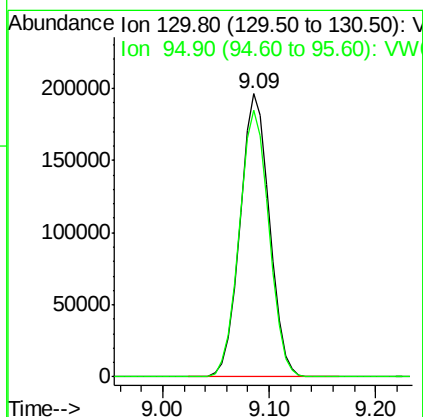
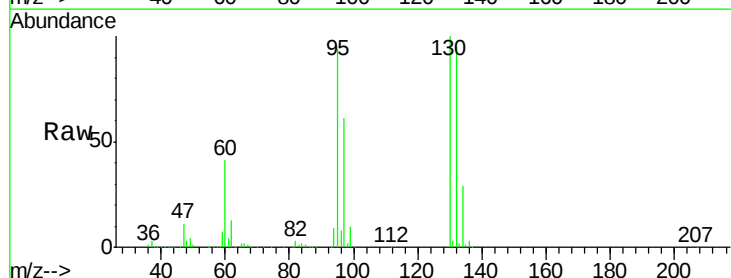
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

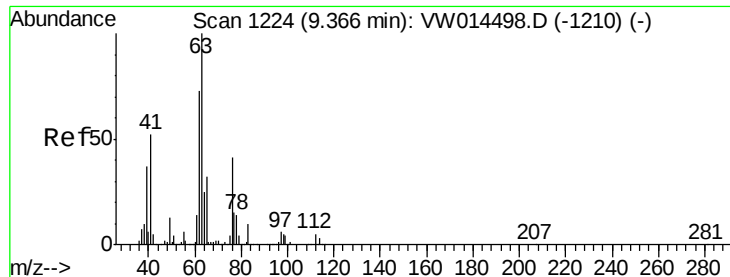
Tgt Ion: 43 Resp: 363372
Ion Ratio Lower Upper
43 100
61 31.2 24.7 37.1
87 13.0 11.1 16.7



#44
Trichloroethene
Concen: 48.41 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 130 Resp: 380887
Ion Ratio Lower Upper
130 100
95 94.4 0.0 199.4





#45

1,2-Dichloropropane

Concen: 48.93 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

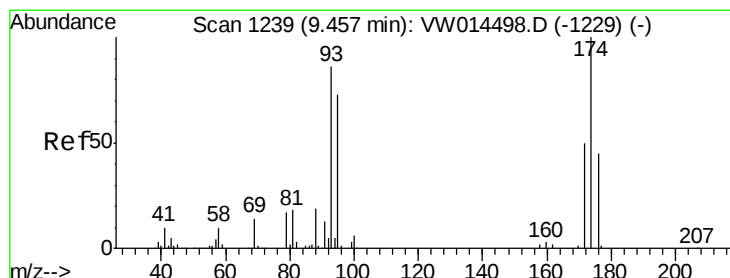
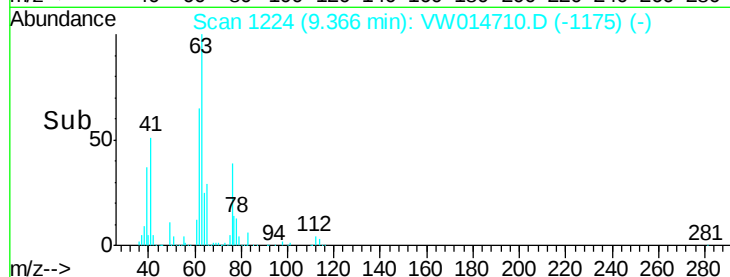
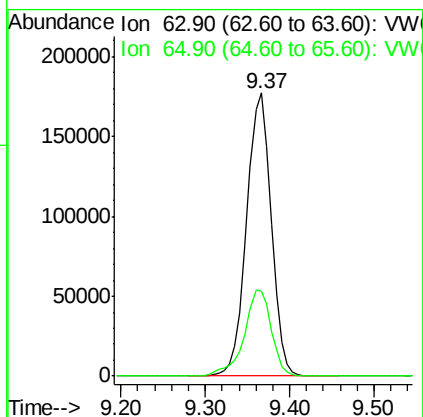
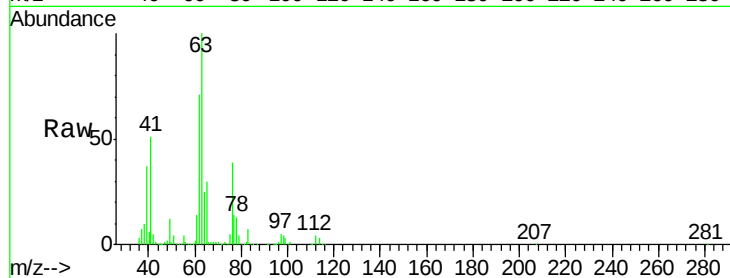
VSTDCCC050

Tgt Ion: 63 Resp: 349140

Ion Ratio Lower Upper

63 100

65 30.2 25.6 38.4



#46

Dibromomethane

Concen: 44.72 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

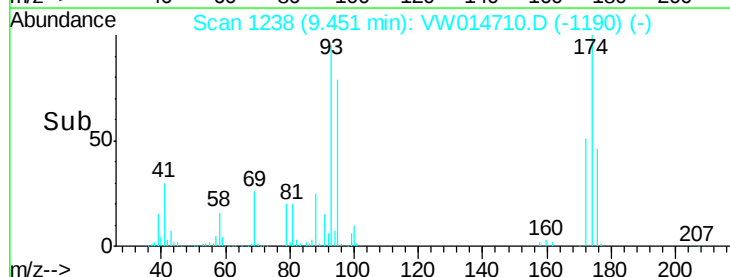
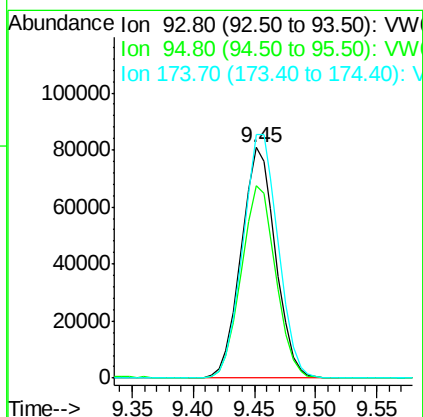
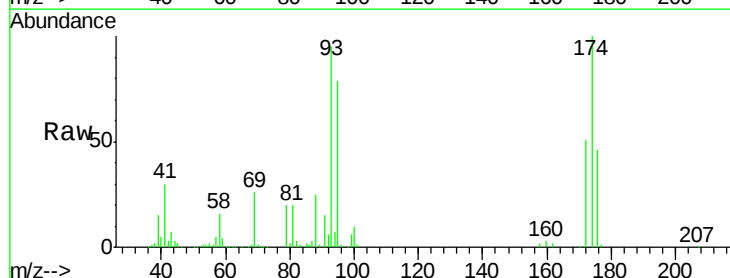
Tgt Ion: 93 Resp: 157533

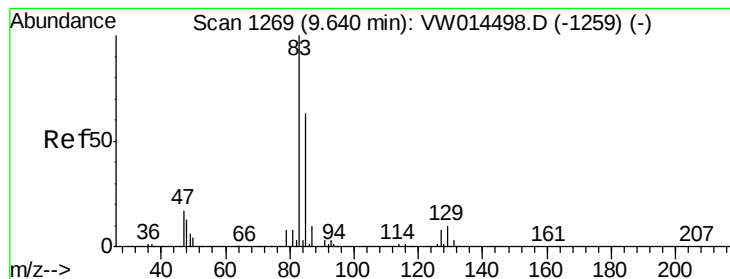
Ion Ratio Lower Upper

93 100

95 83.6 66.4 99.6

174 109.0 89.1 133.7





#47

Bromodichloromethane

Concen: 48.61 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

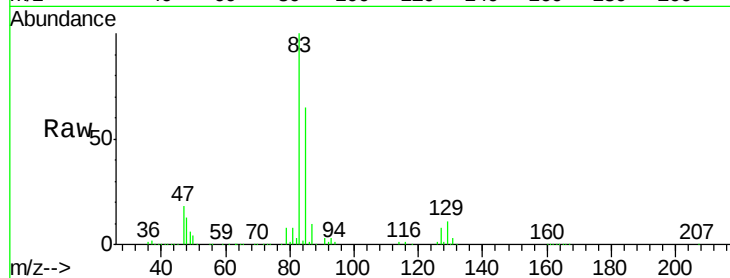
Tgt Ion: 83 Resp: 422694

Ion Ratio Lower Upper

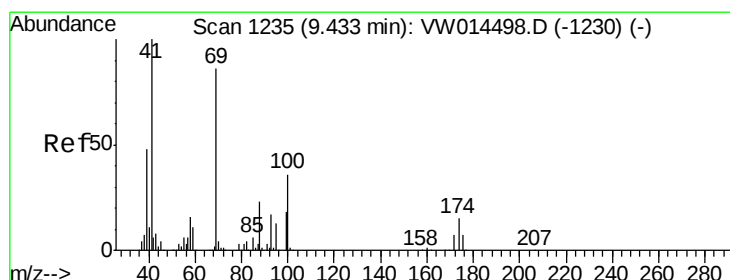
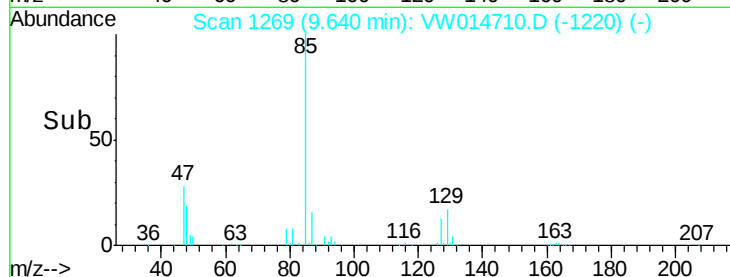
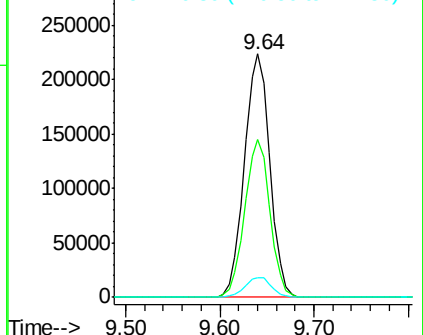
83 100

85 64.9 50.6 76.0

127 8.3 6.6 9.8



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



#48

Methyl methacrylate

Concen: 44.12 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

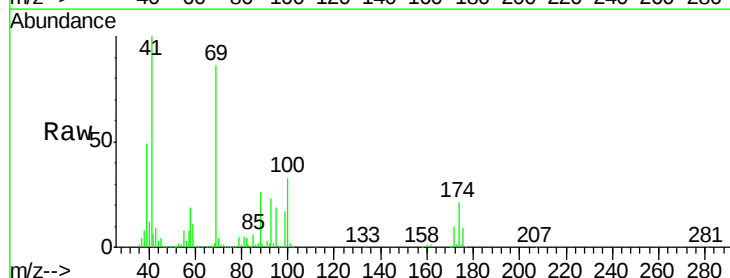
Tgt Ion: 41 Resp: 182322

Ion Ratio Lower Upper

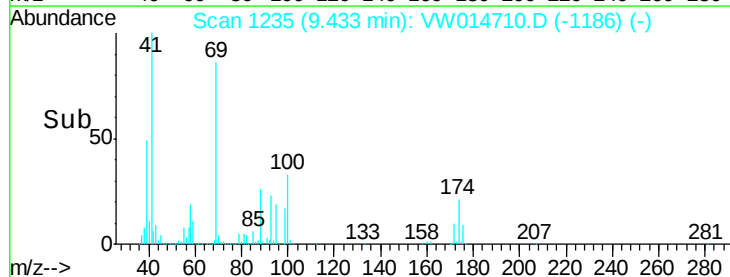
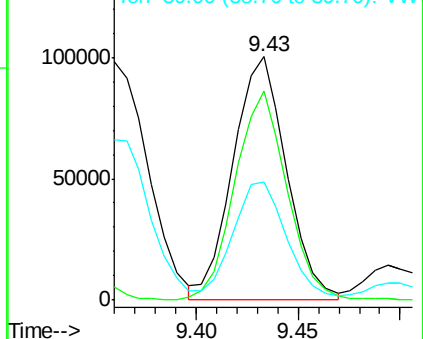
41 100

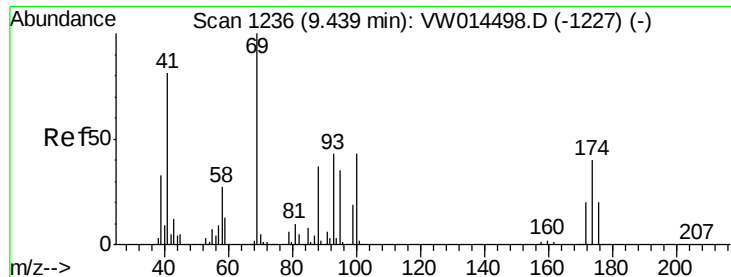
69 84.1 68.3 102.5

39 46.1 36.8 55.2



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

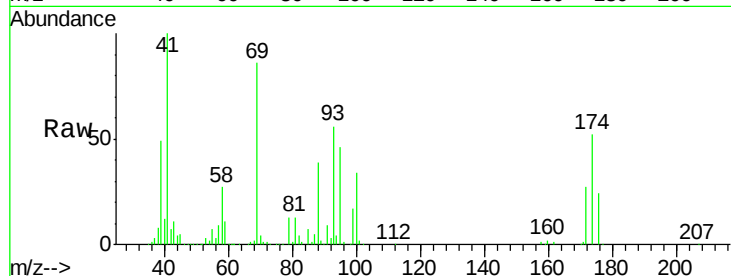




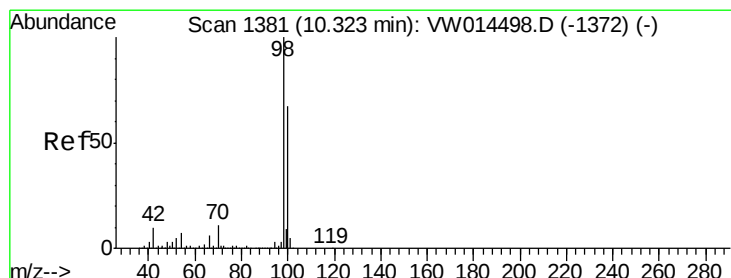
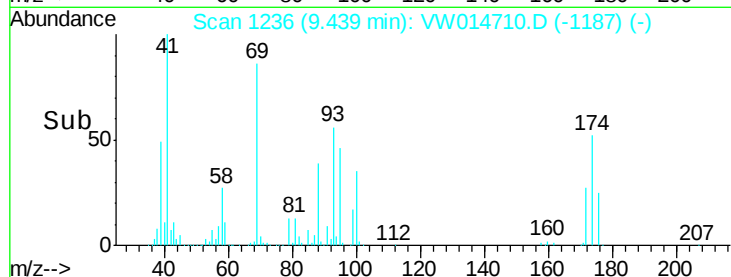
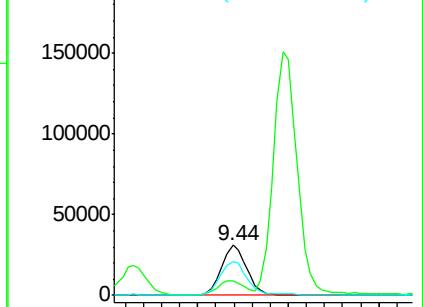
#49
1,4-Dioxane
Concen: 922.64 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 60783
Ion Ratio Lower Upper
88 100
43 31.2 24.9 37.3
58 73.6 56.9 85.3

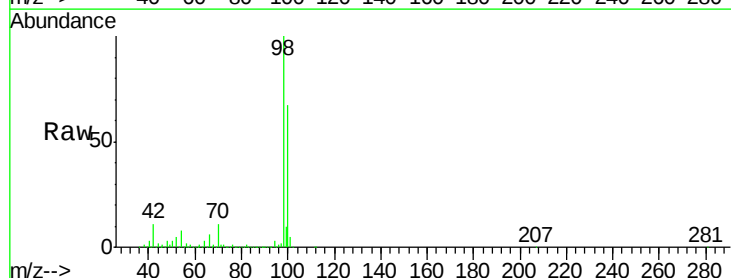


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

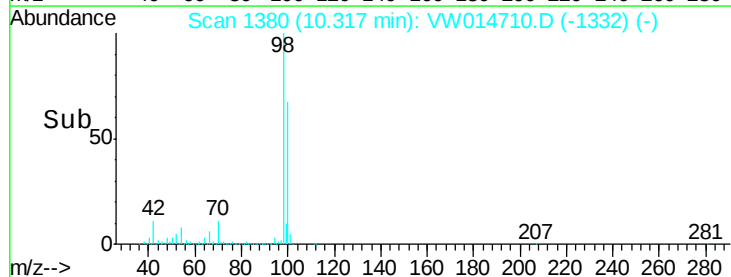
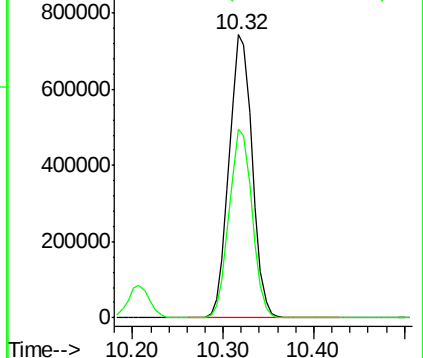


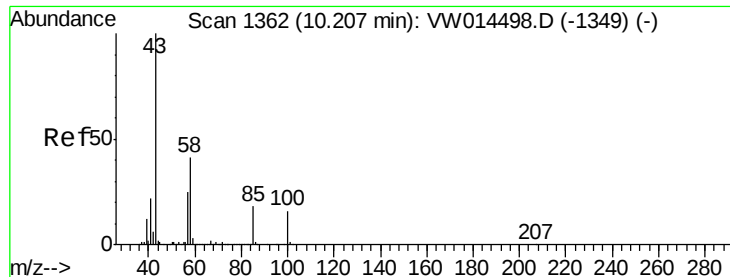
#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 98 Resp: 1315901
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6



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

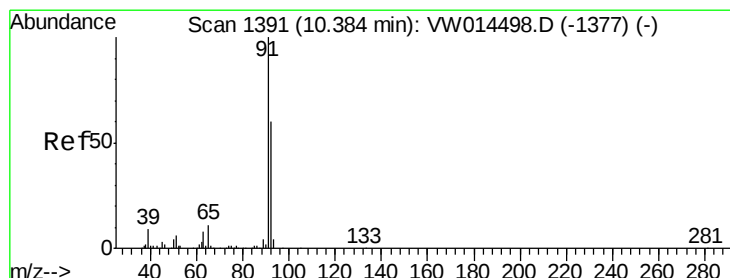
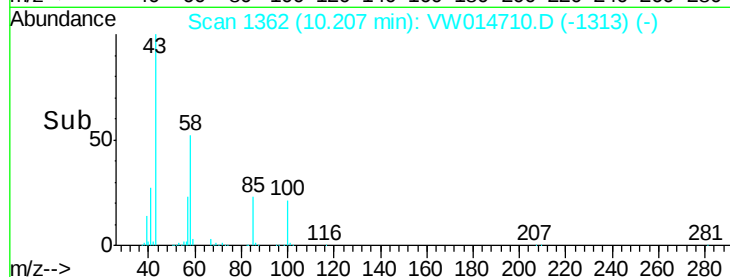
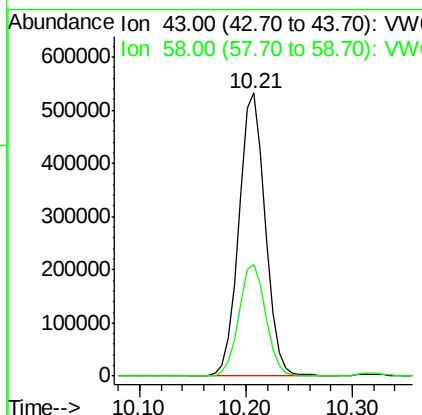
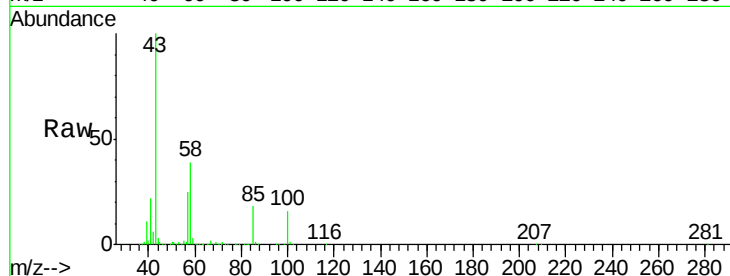




#51
4-Methyl-2-Pentanone
Concen: 210.70 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

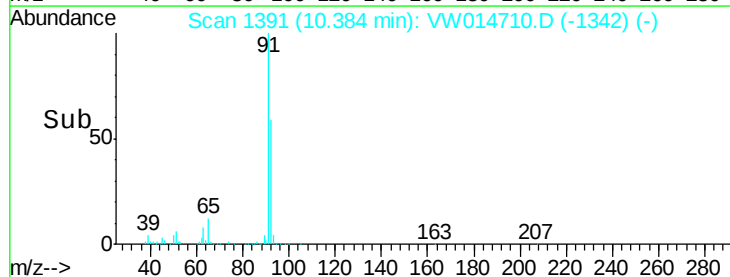
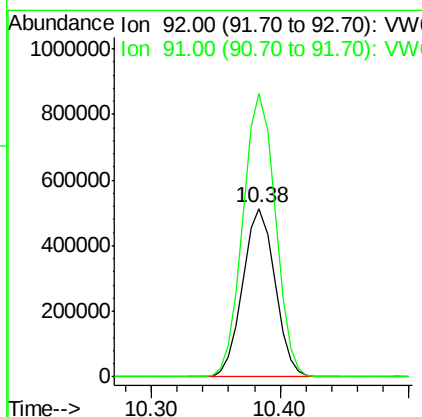
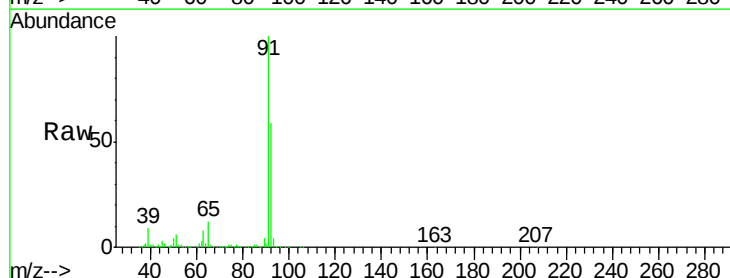
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

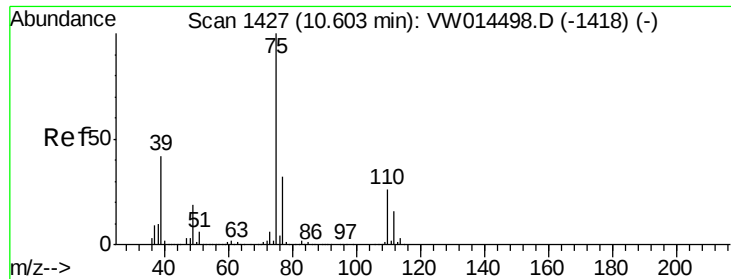
Tgt Ion: 43 Resp: 926041
Ion Ratio Lower Upper
43 100
58 40.2 32.7 49.1



#52
Toluene
Concen: 48.51 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 92 Resp: 887388
Ion Ratio Lower Upper
92 100
91 170.1 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 47.26 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

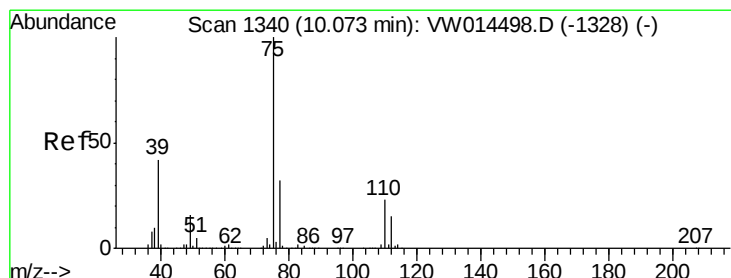
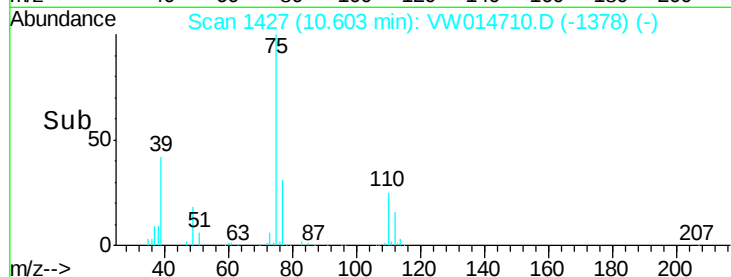
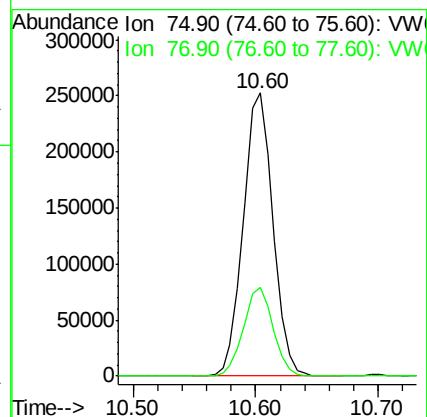
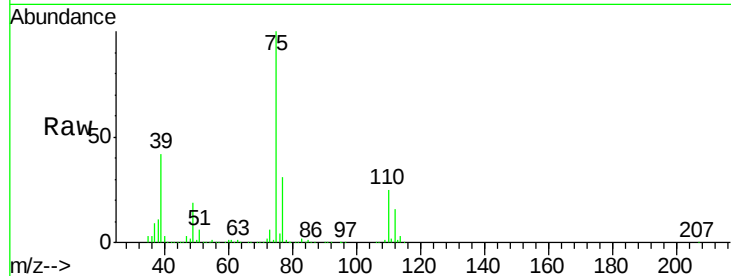
VSTDCCC050

Tgt Ion: 75 Resp: 425481

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.25 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

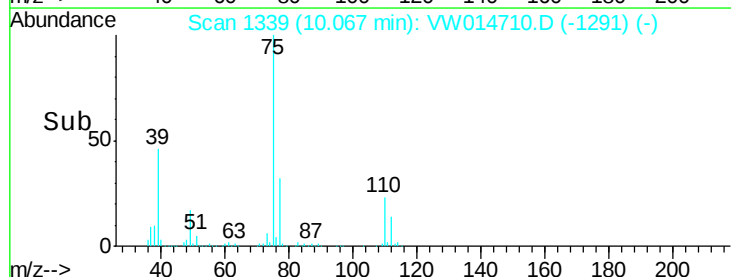
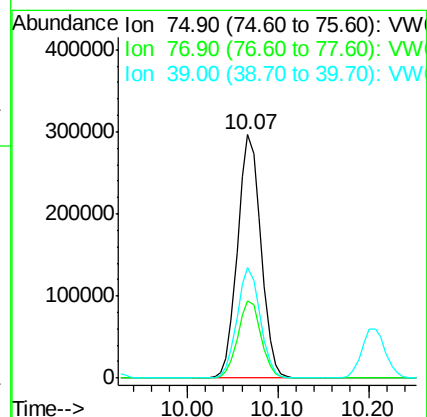
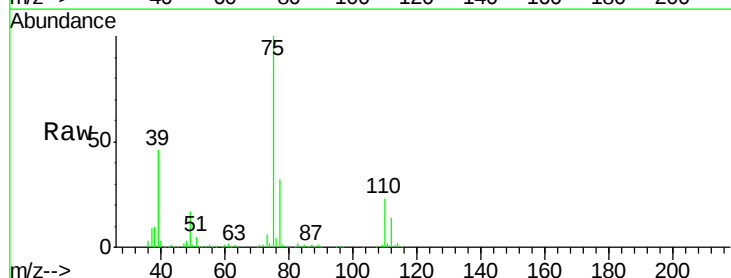
Tgt Ion: 75 Resp: 530947

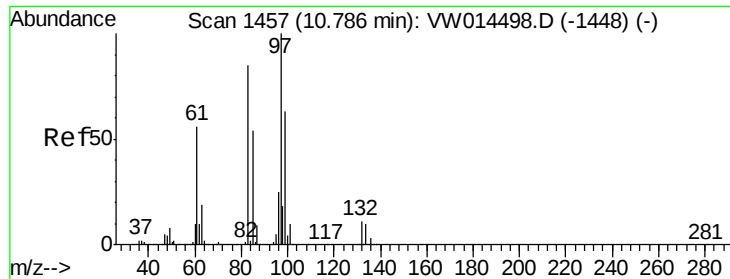
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 45.5 33.4 50.2

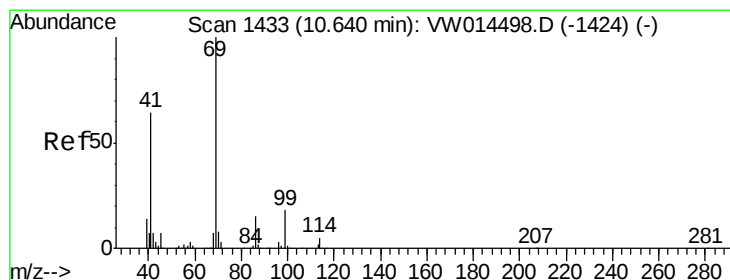
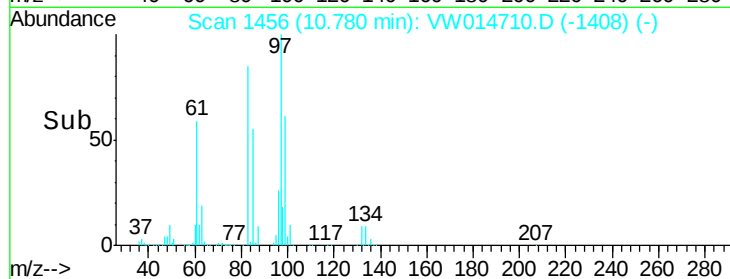
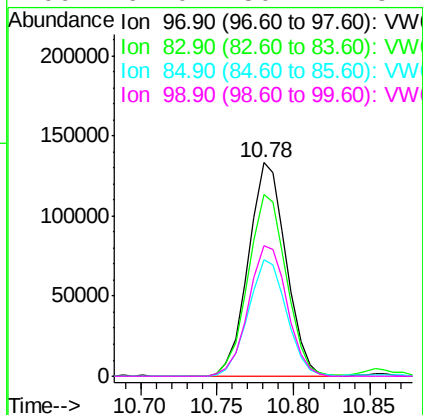
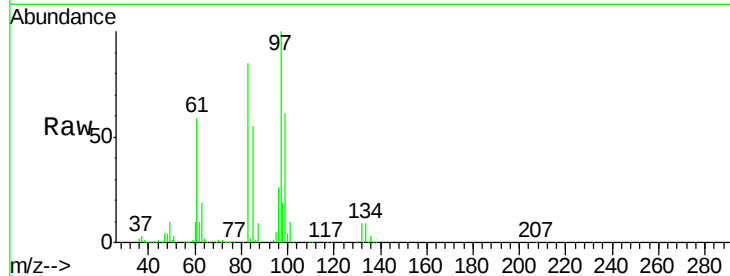




#55
 1,1,2-Trichloroethane
 Concen: 44.36 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

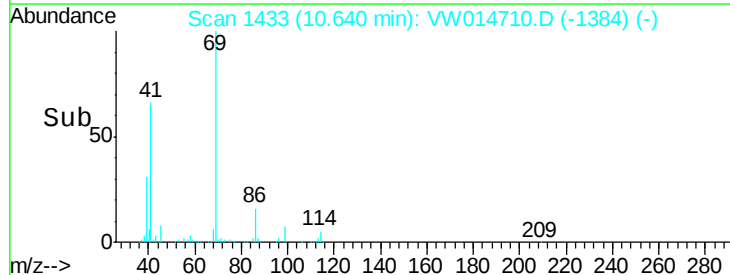
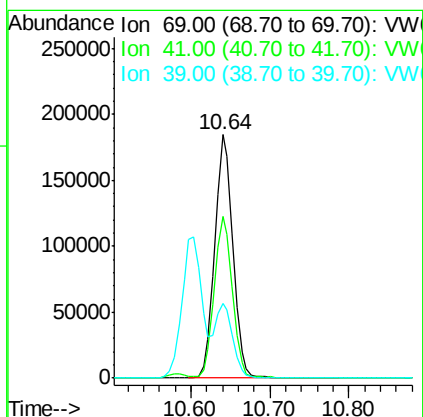
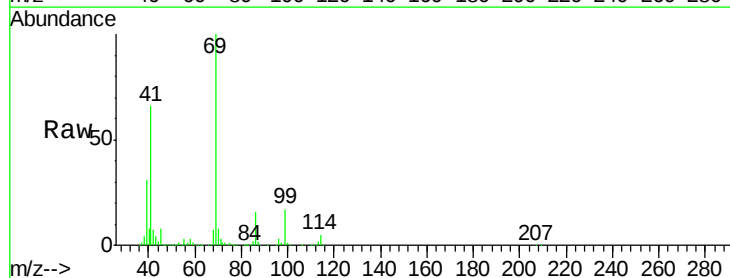
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

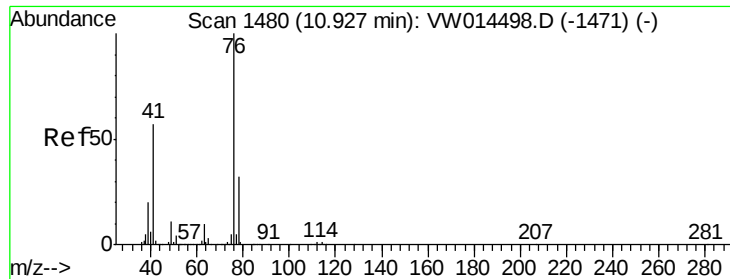
Tgt Ion:	97	Resp:	228176
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.2	102.4
85	54.8	43.0	64.4
99	61.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 44.23 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion:	69	Resp:	295666
Ion	Ratio	Lower	Upper
69	100		
41	66.3	51.3	76.9
39	26.9	21.0	31.6

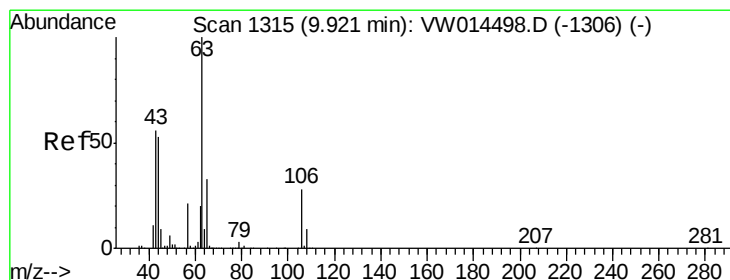
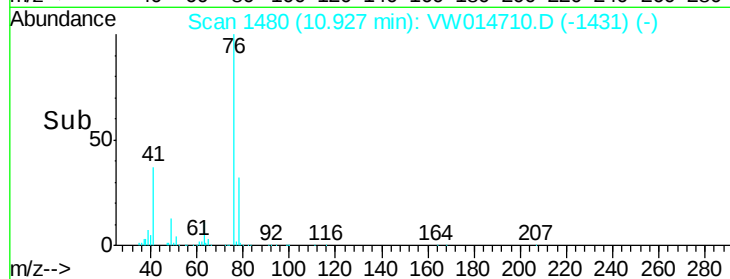
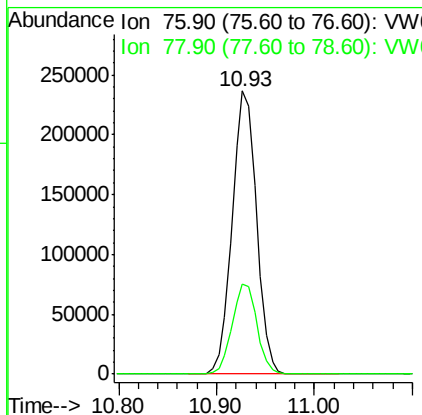
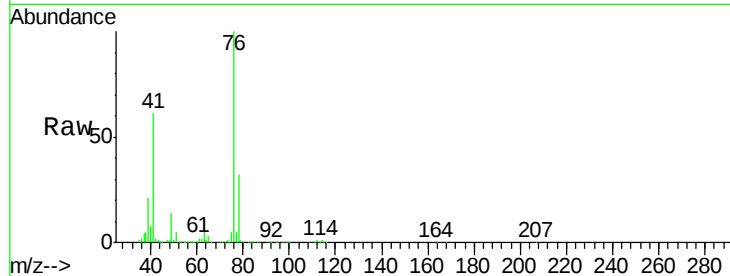




#57
 1,3-Dichloropropane
 Concen: 45.22 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

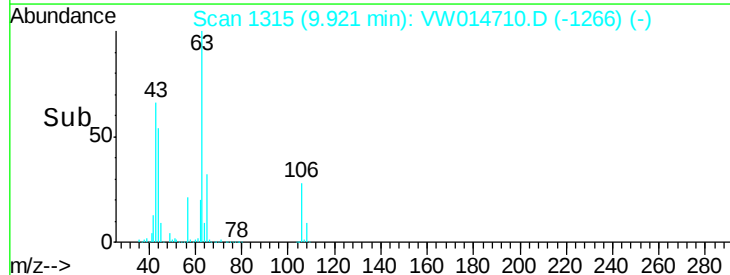
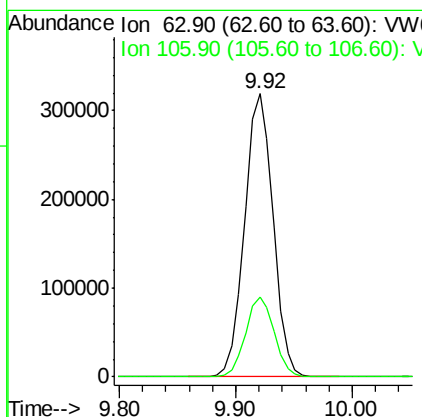
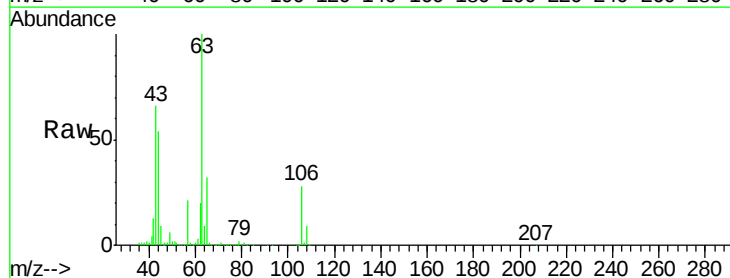
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

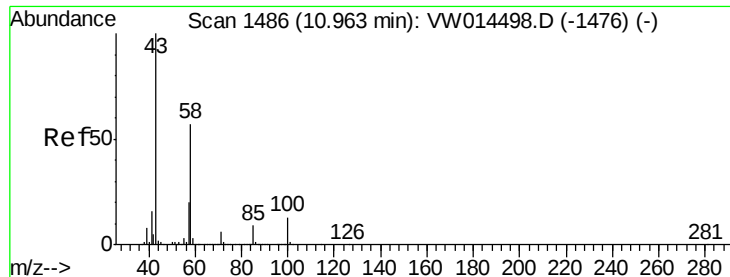
Tgt Ion: 76 Resp: 408883
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.04 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion: 63 Resp: 545000
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.0 34.6

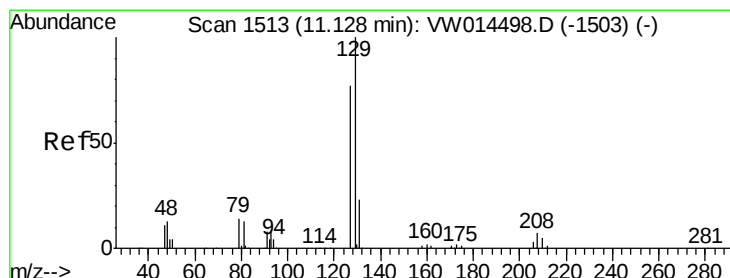
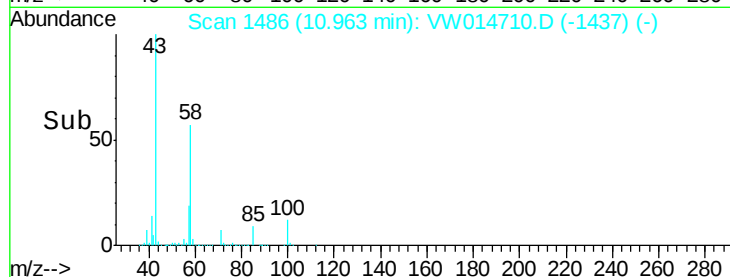
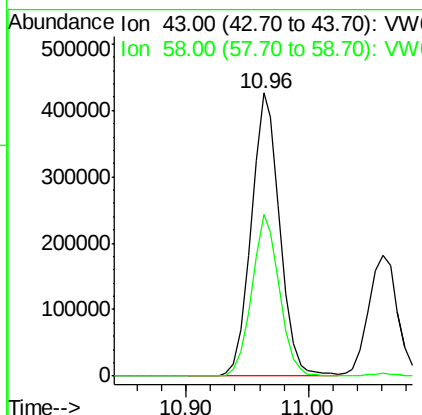
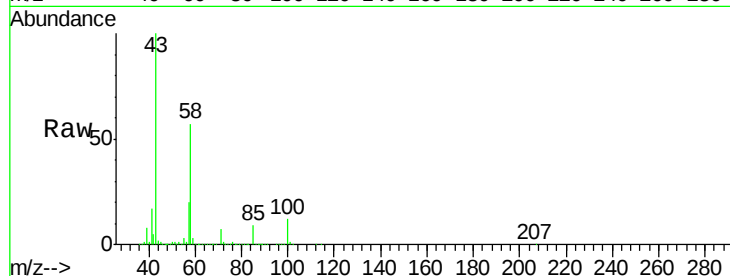




#59
2-Hexanone
Concen: 228.09 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

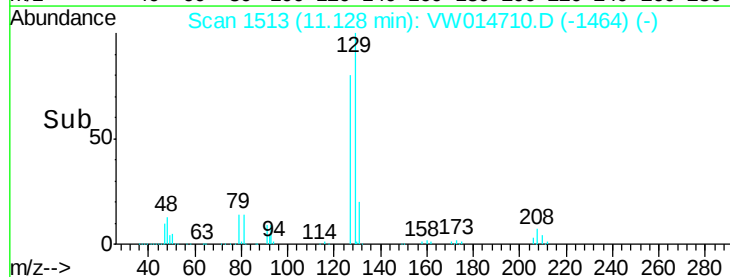
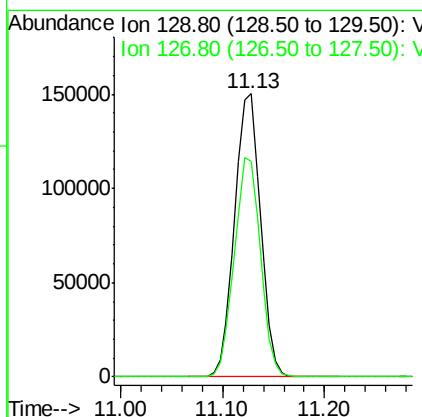
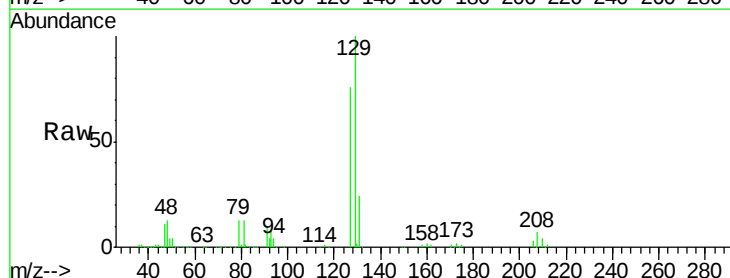
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

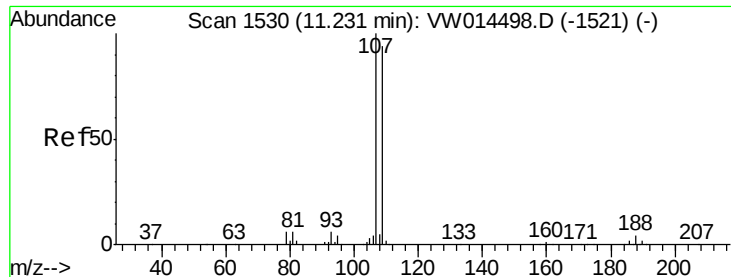
Tgt Ion: 43 Resp: 690781
Ion Ratio Lower Upper
43 100
58 55.2 28.7 86.3



#60
Dibromochloromethane
Concen: 45.56 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 129 Resp: 264418
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 43.66 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

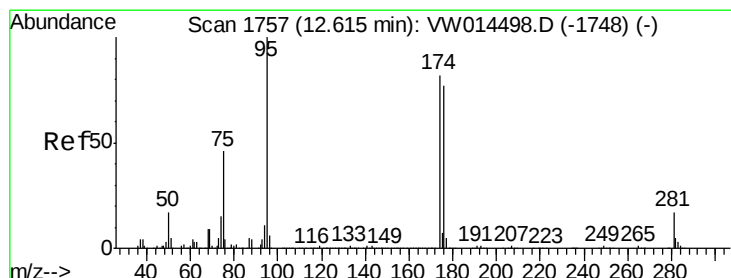
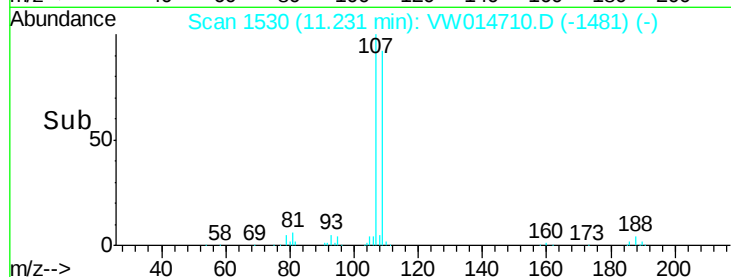
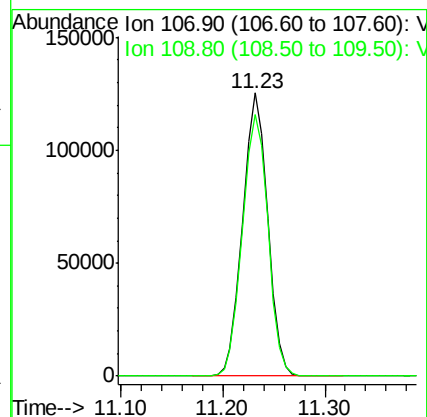
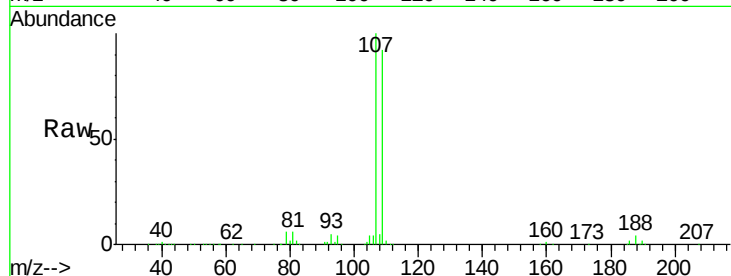
VSTDCCC050

Tgt Ion: 107 Resp: 213182

Ion Ratio Lower Upper

107 100

109 94.6 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 49.79 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

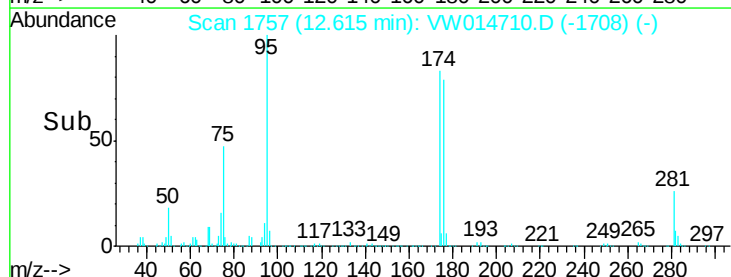
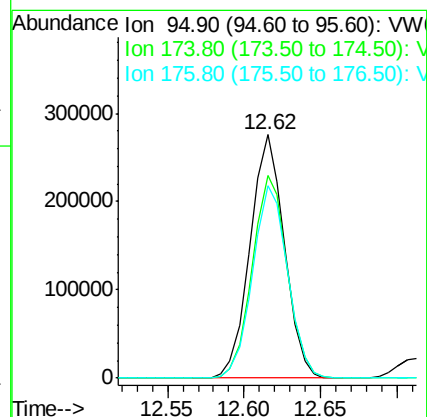
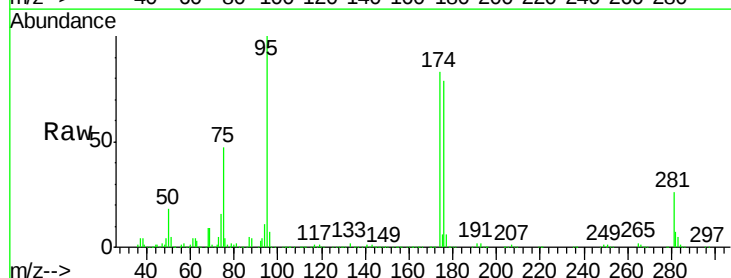
Tgt Ion: 95 Resp: 429391

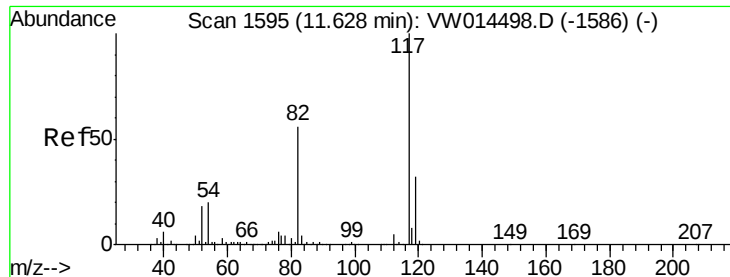
Ion Ratio Lower Upper

95 100

174 84.7 0.0 168.6

176 81.0 0.0 162.0

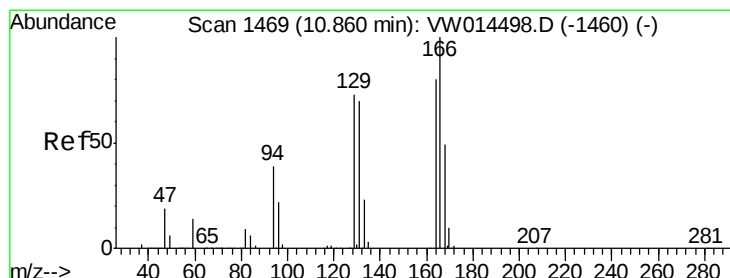
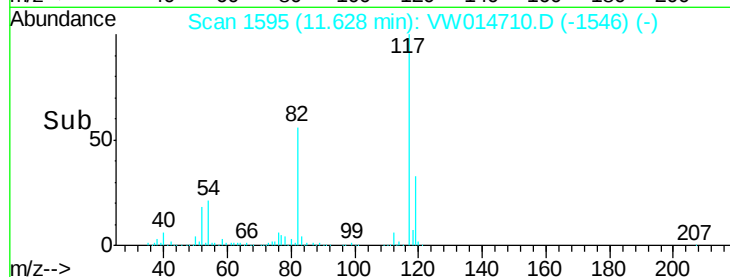
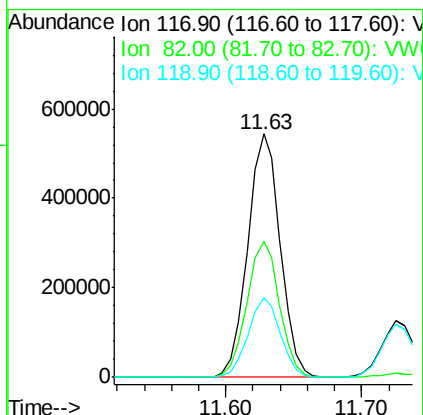
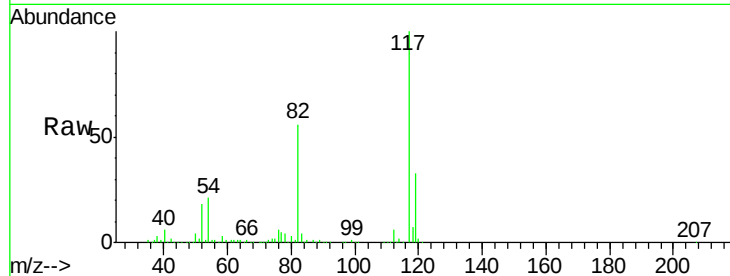




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

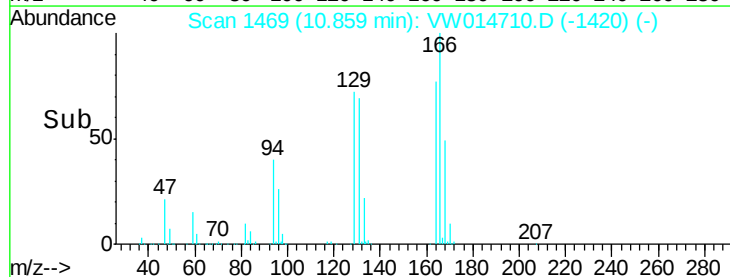
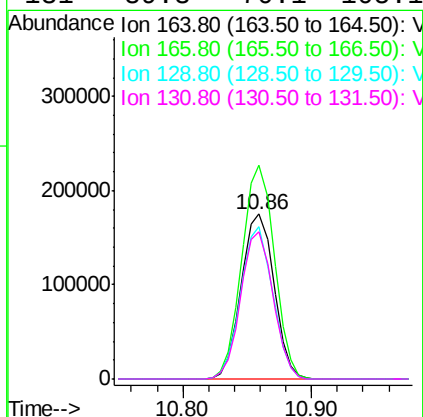
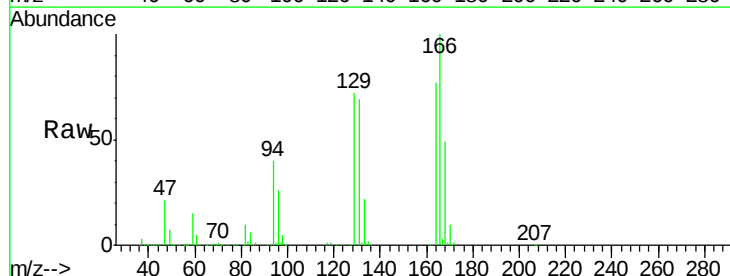
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

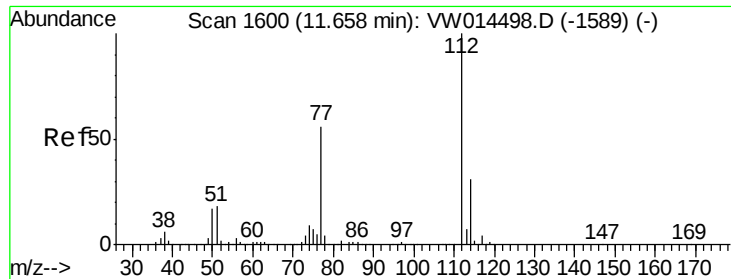
Tgt Ion:117 Resp: 909324
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.7 25.7 38.5



#64
Tetrachloroethene
Concen: 46.98 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion:164 Resp: 309276
Ion Ratio Lower Upper
164 100
166 129.8 99.8 149.6
129 92.9 72.4 108.6
131 89.3 70.1 105.1





#65

Chlorobenzene

Concen: 47.89 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

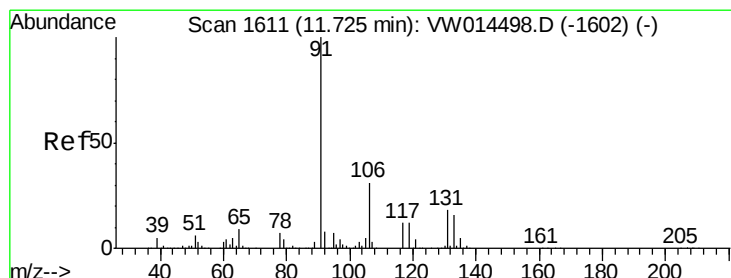
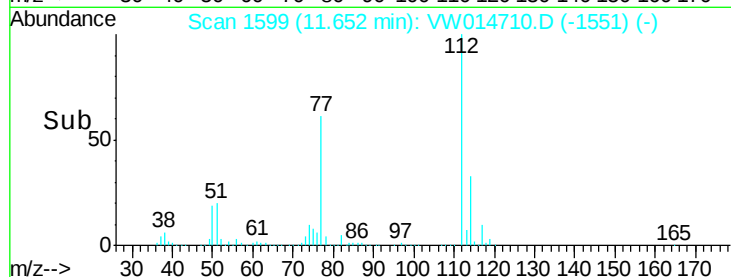
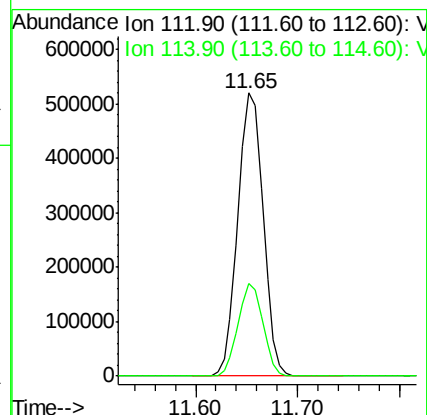
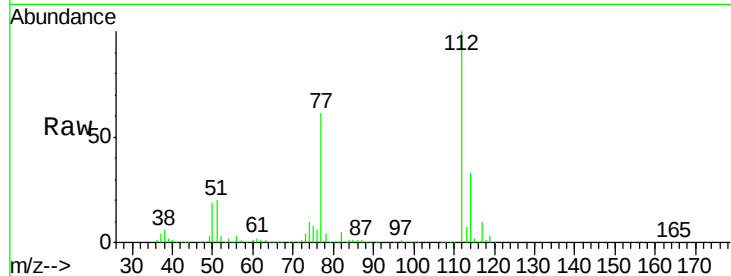
VSTDCCC050

Tgt Ion:112 Resp: 892213

Ion Ratio Lower Upper

112 100

114 32.7 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.33 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

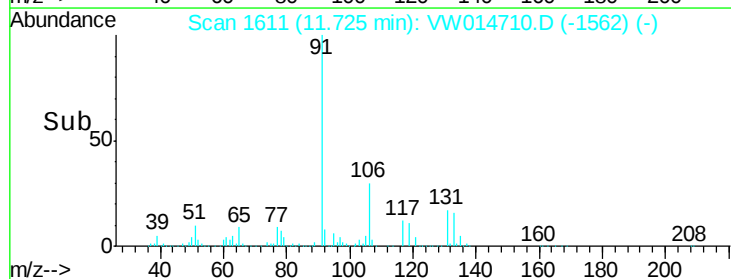
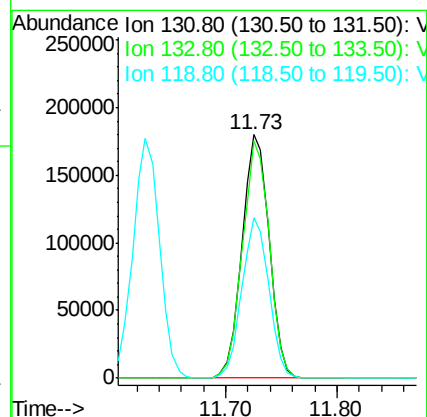
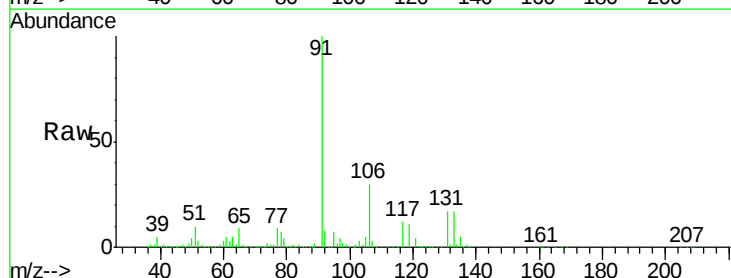
Tgt Ion:131 Resp: 303125

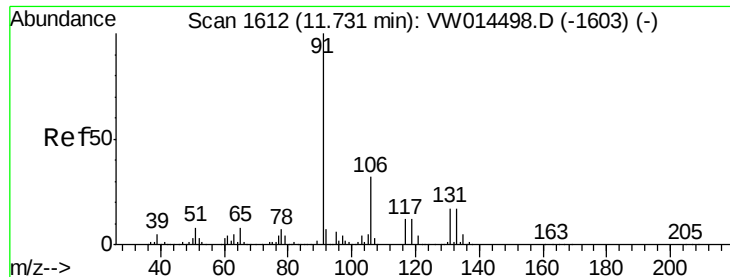
Ion Ratio Lower Upper

131 100

133 96.9 47.3 142.0

119 65.4 33.1 99.3

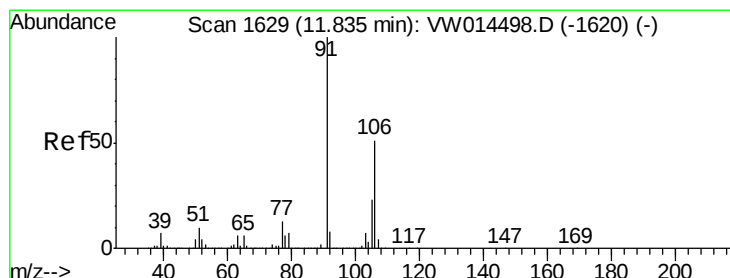
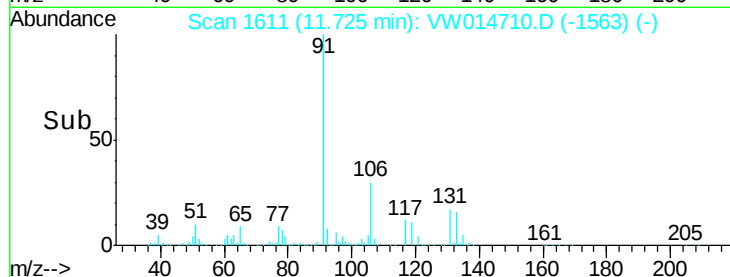
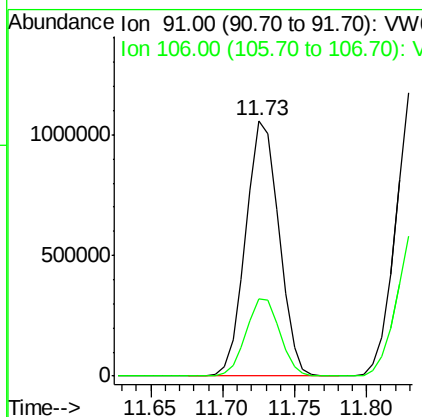
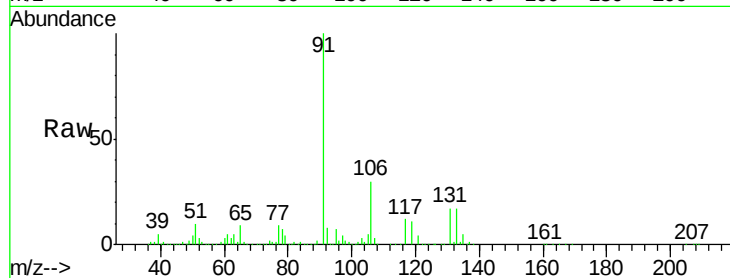




#67
Ethyl Benzene
Concen: 50.47 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

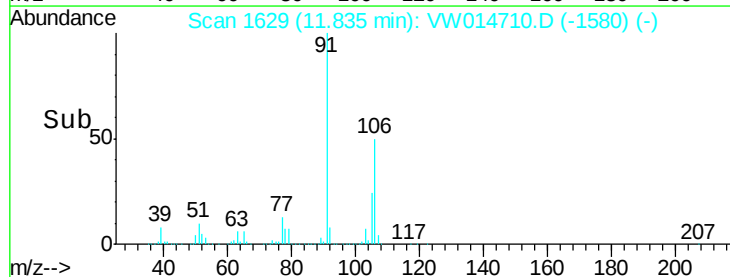
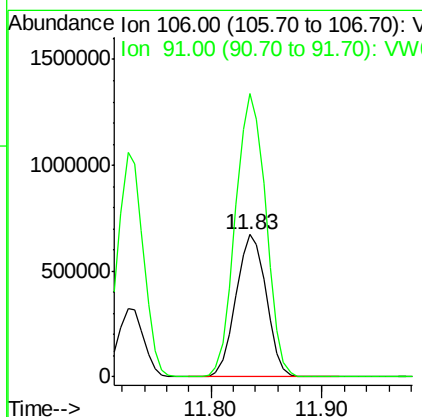
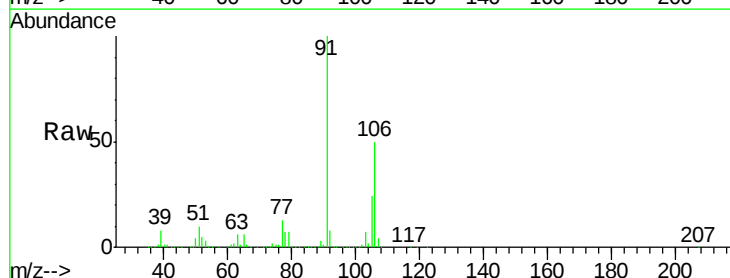
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1694360
Ion Ratio Lower Upper
91 100
106 30.5 25.5 38.3



#68
m/p-Xylenes
Concen: 98.33 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 106 Resp: 1263459
Ion Ratio Lower Upper
106 100
91 200.4 159.0 238.6

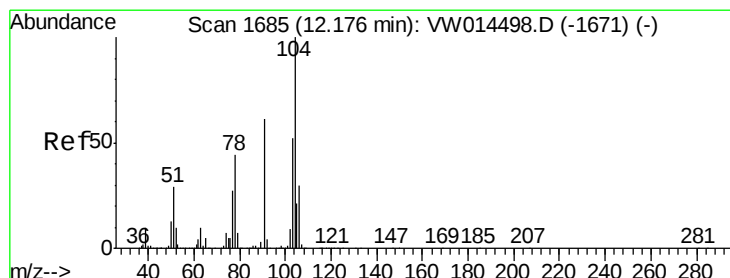
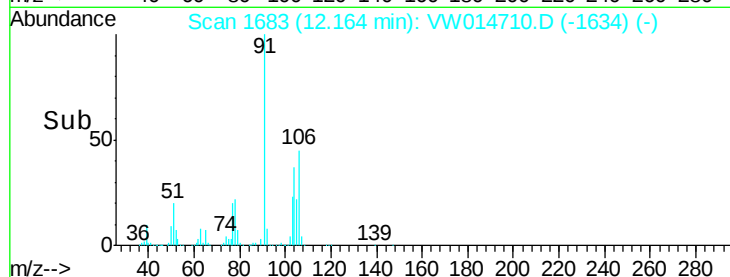
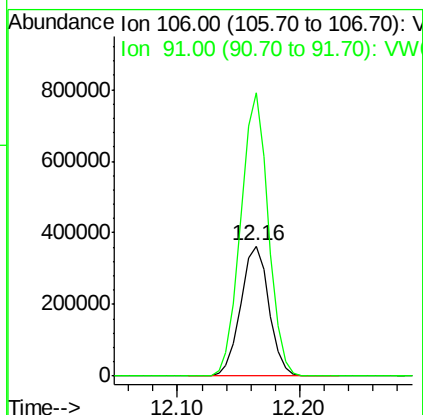
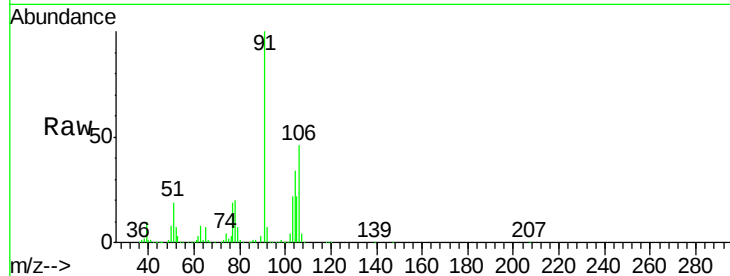




#69
o-Xylene
Concen: 48.95 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

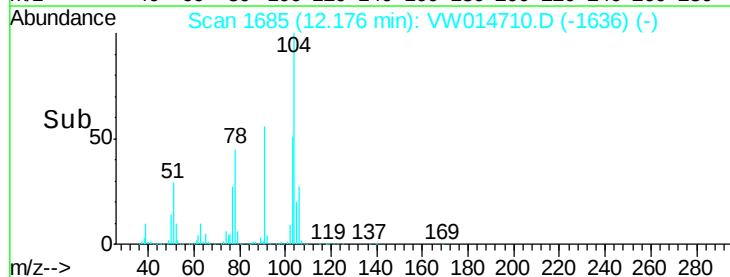
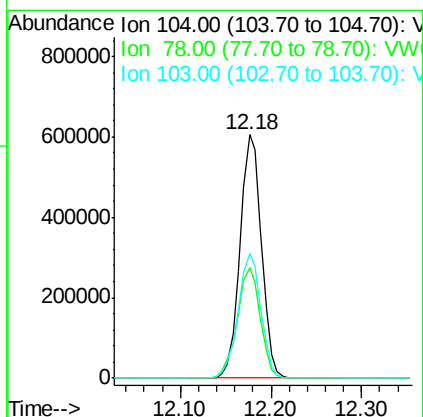
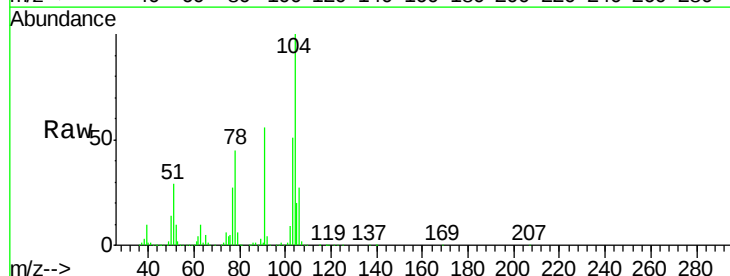
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 581024
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.6



#70
Styrene
Concen: 49.31 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion:104 Resp: 989862
Ion Ratio Lower Upper
104 100
78 48.7 38.4 57.6
103 54.6 43.7 65.5





#71

Bromoform

Concen: 43.61 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

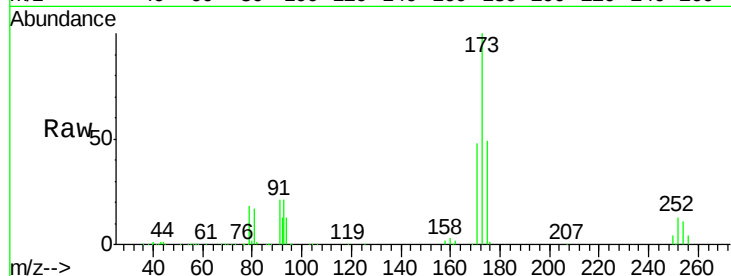
Tgt Ion:173 Resp: 149220

Ion Ratio Lower Upper

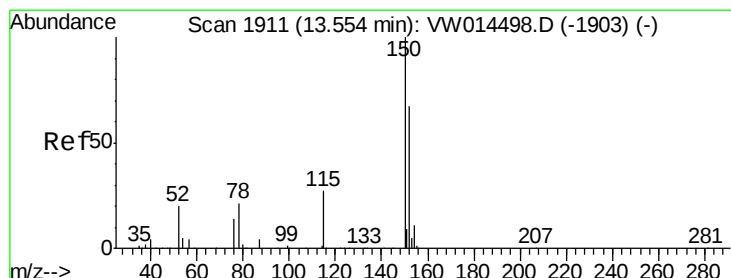
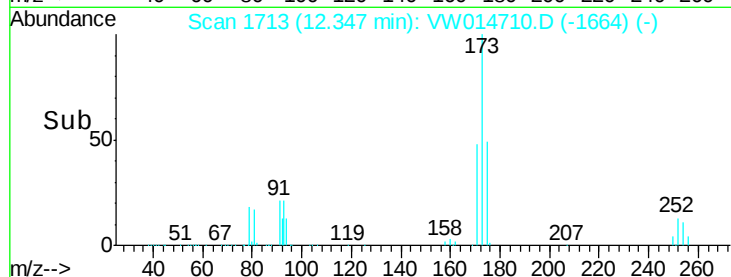
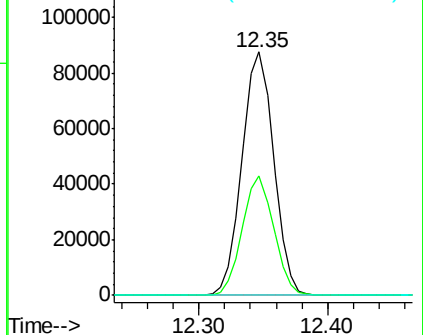
173 100

175 48.6 24.5 73.5

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

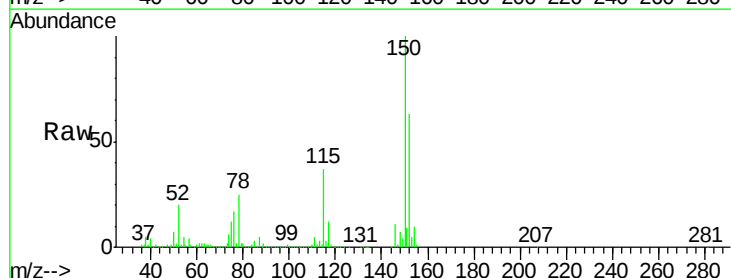
Tgt Ion:152 Resp: 445803

Ion Ratio Lower Upper

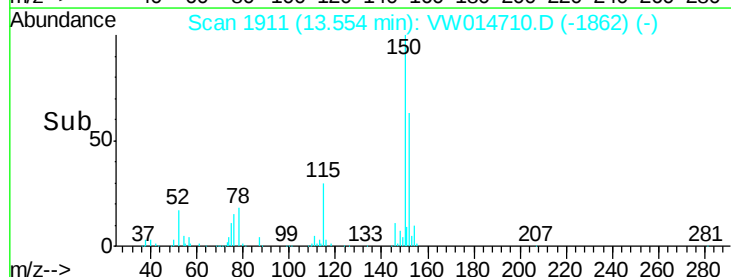
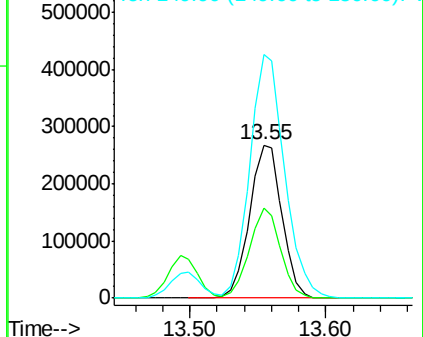
152 100

115 56.1 27.7 83.1

150 171.1 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: 50.06 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

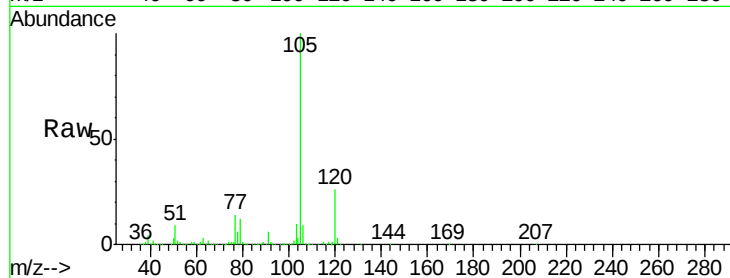
VSTDCCC050

Tgt Ion:105 Resp: 1637367

Ion Ratio Lower Upper

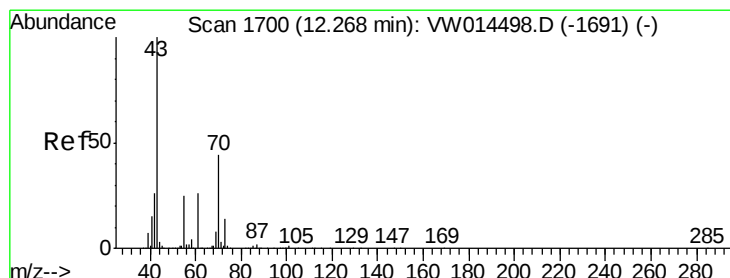
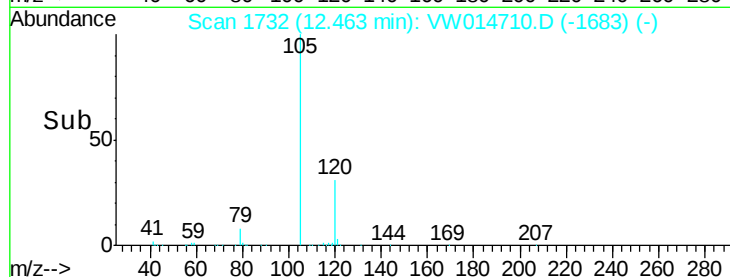
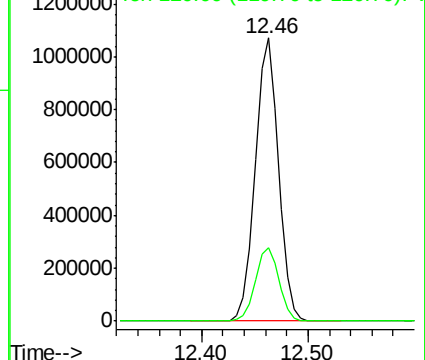
105 100

120 26.4 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: 44.30 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Tgt Ion: 43 Resp: 324903

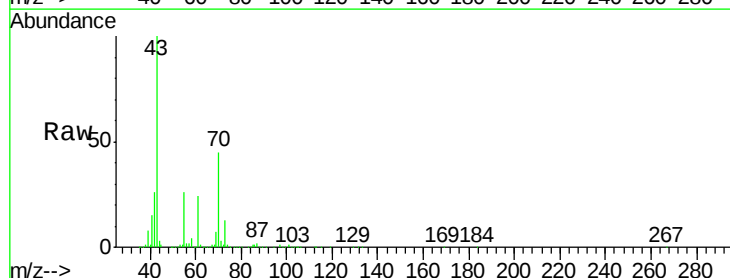
Ion Ratio Lower Upper

43 100

70 44.1 36.5 54.7

55 26.3 20.9 31.3

61 25.1 20.7 31.1

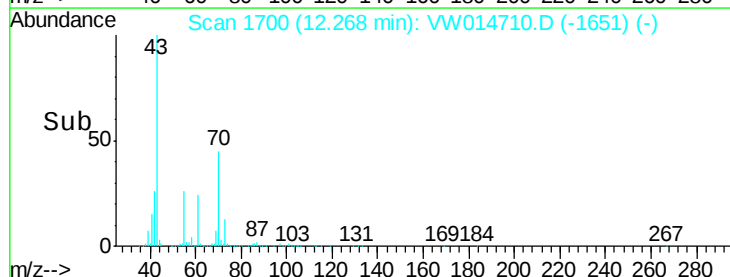
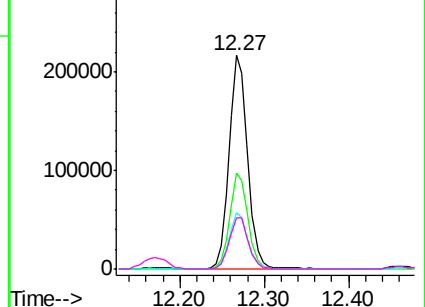


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 42.54 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

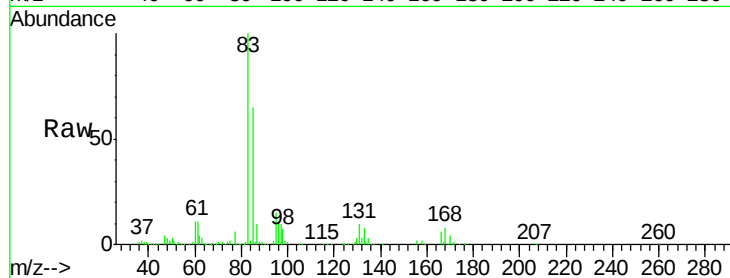
Tgt Ion: 83 Resp: 251163

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

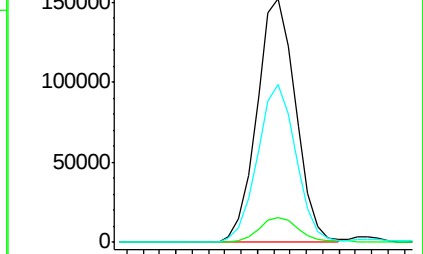
85 64.6 31.9 95.7



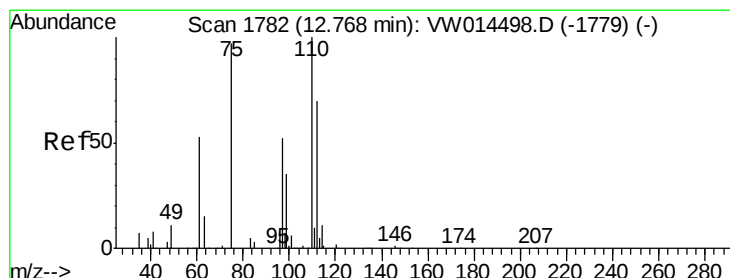
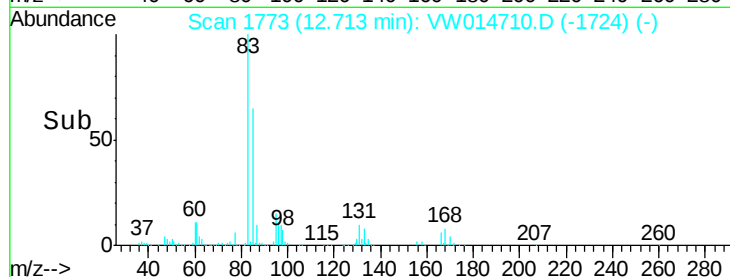
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



Time-->



#76

1,2,3-Trichloropropane

Concen: 77.40 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW014710.D

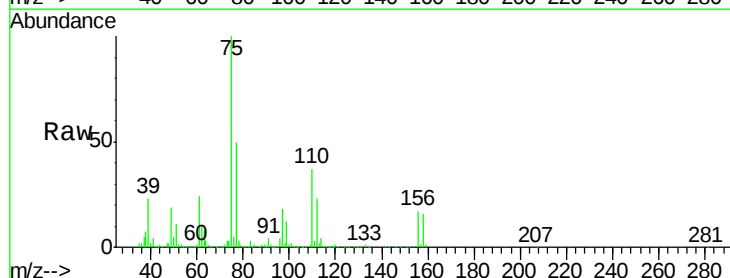
Acq: 22 Jan 2020 13:31

Tgt Ion: 75 Resp: 326246

Ion Ratio Lower Upper

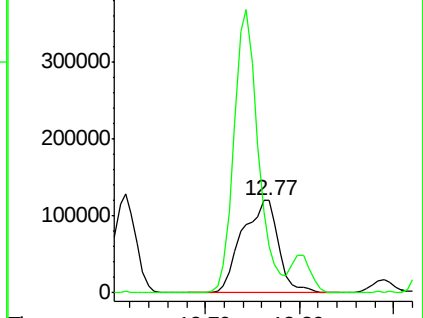
75 100

77 0.0 0.0 0.0

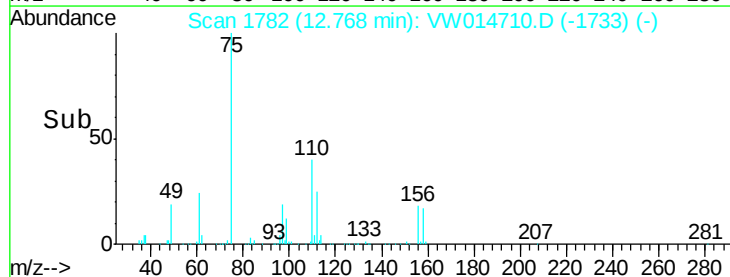


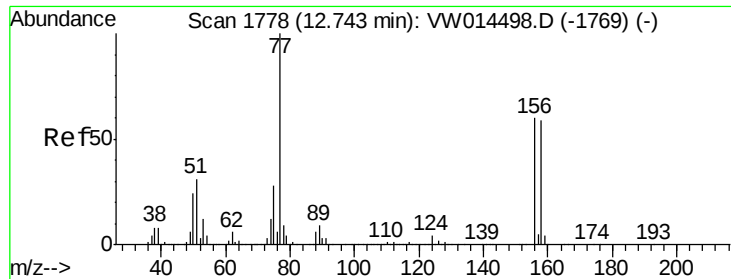
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->

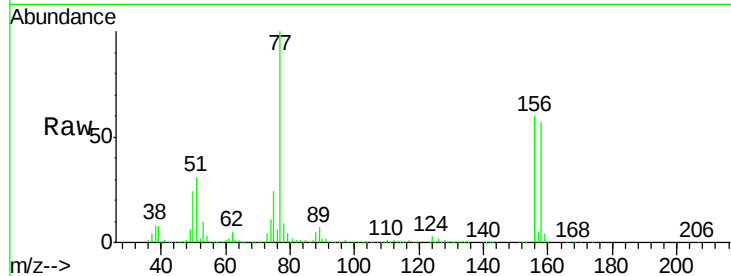




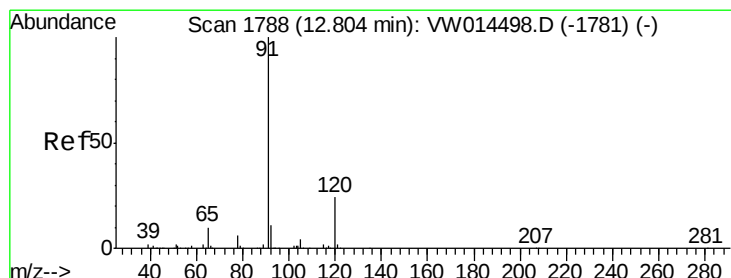
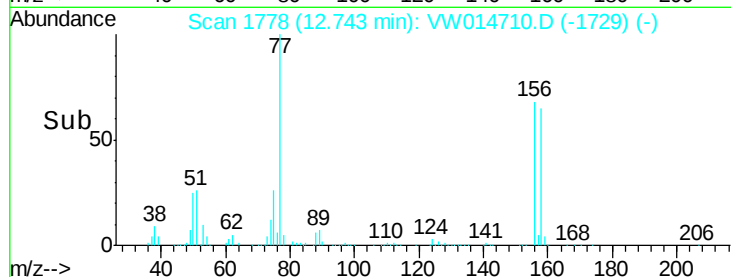
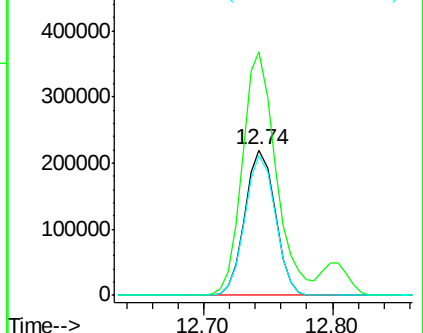
#77
Bromobenzene
Concen: 47.14 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 358167
Ion Ratio Lower Upper
156 100
77 186.0 92.3 277.1
158 96.7 48.6 145.9

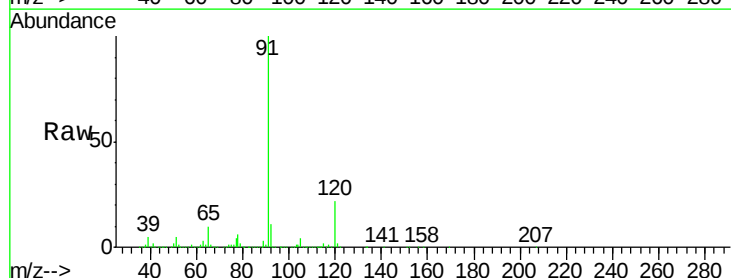


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

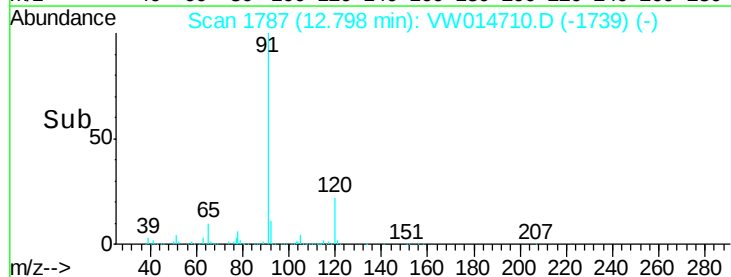
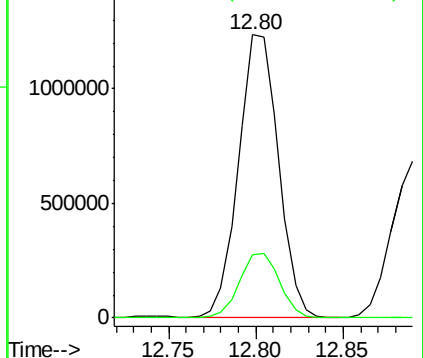


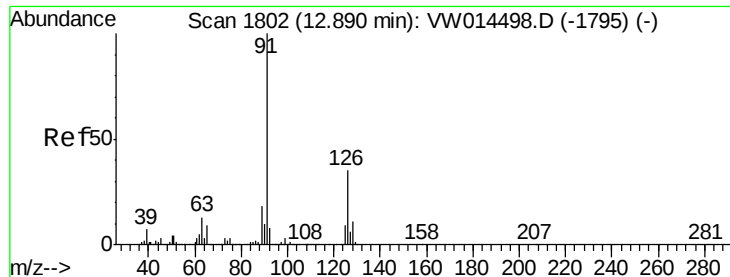
#78
n-propylbenzene
Concen: 50.99 ug/l
RT: 12.80 min Scan# 1787
Delta R.T. -0.01 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion: 91 Resp: 1961274
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: 49.47 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

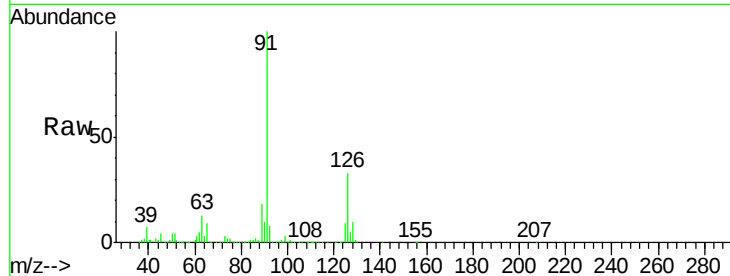
VSTDCCC050

Tgt Ion: 91 Resp: 1082897

Ion Ratio Lower Upper

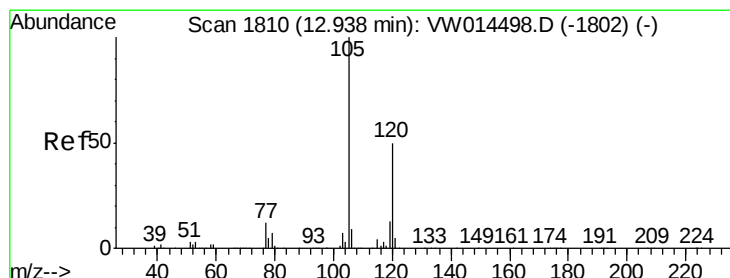
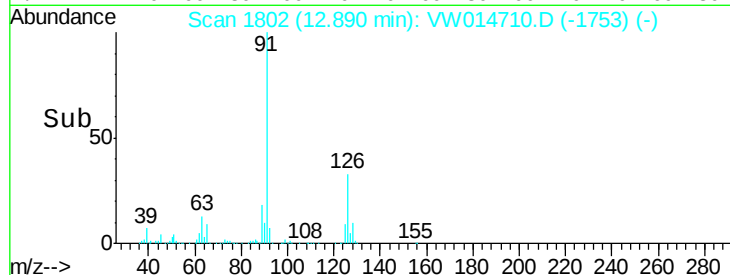
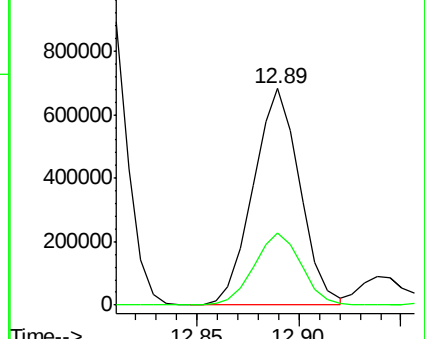
91 100

126 33.5 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: 49.63 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014710.D

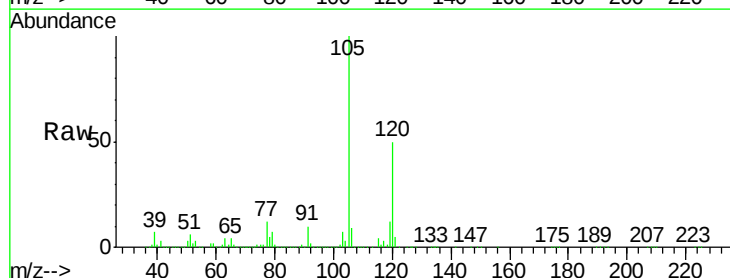
Acq: 22 Jan 2020 13:31

Tgt Ion: 105 Resp: 1363148

Ion Ratio Lower Upper

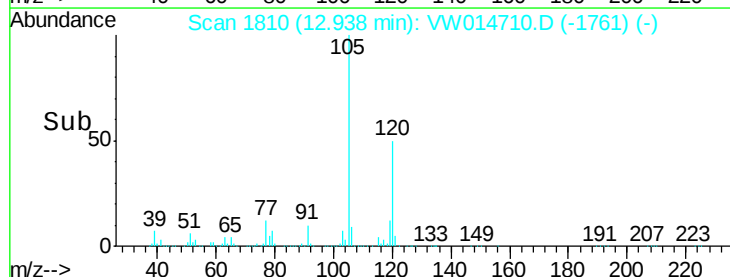
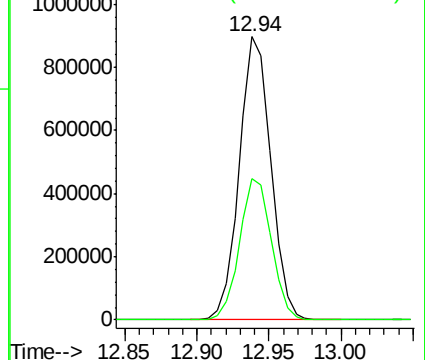
105 100

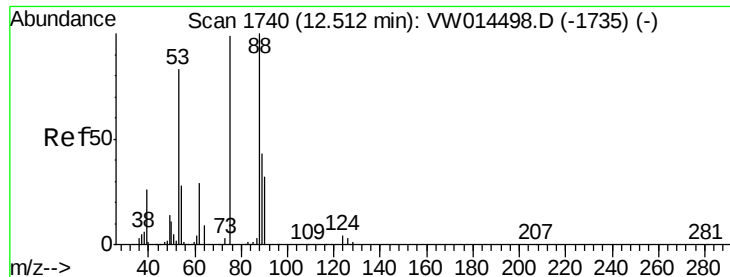
120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

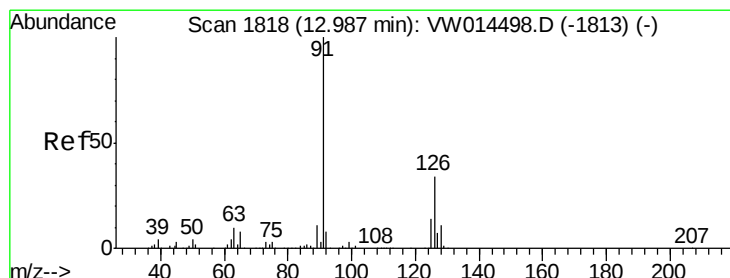
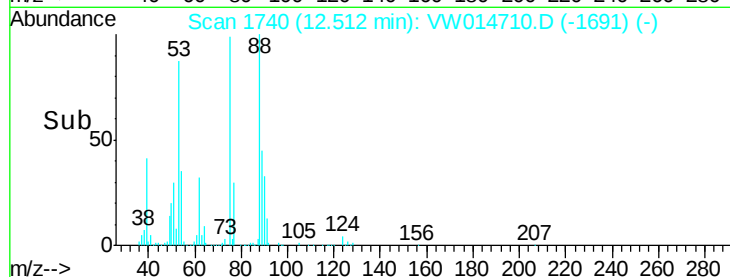
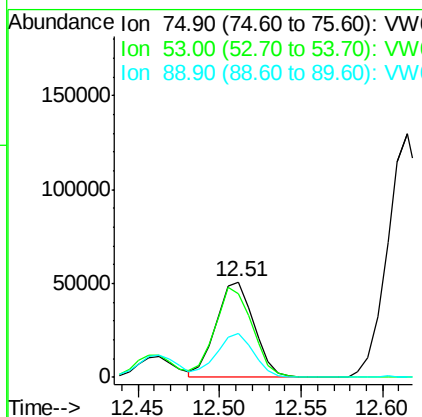
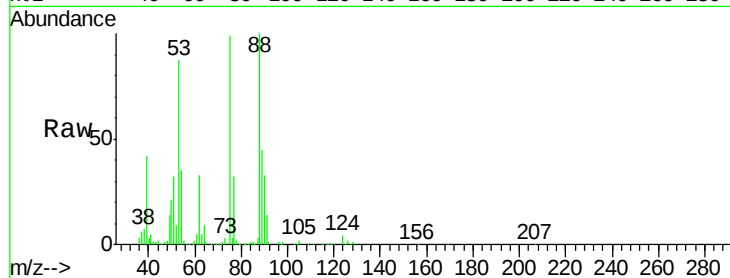




#81
trans-1,4-Dichloro-2-butene
Concen: 43.15 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

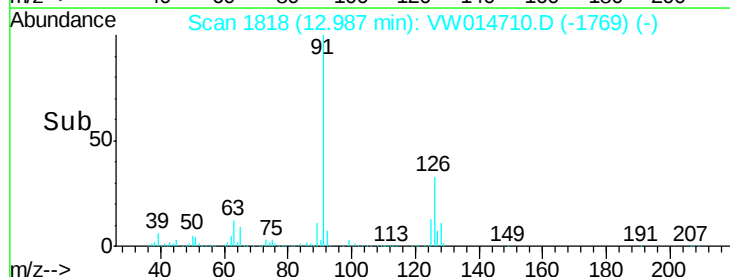
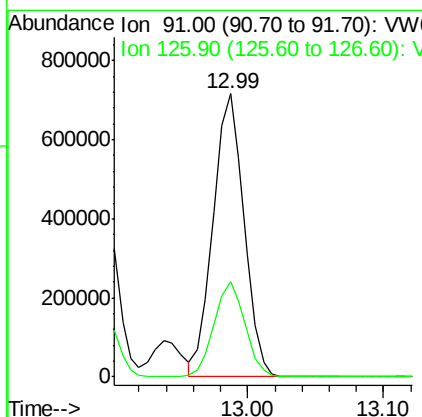
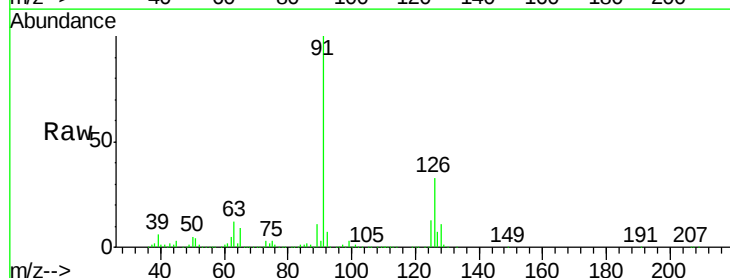
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

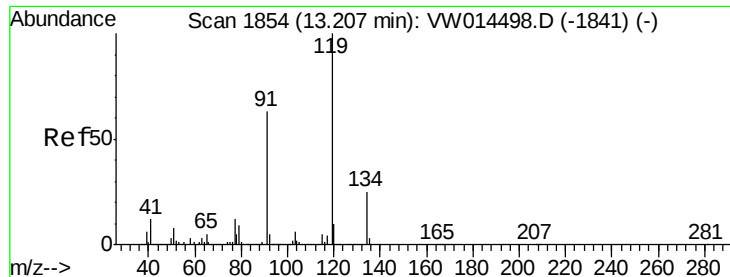
Tgt Ion:	75	Resp:	81626
Ion	Ratio	Lower	Upper
75	100		
53	92.9	70.9	106.3
89	45.8	35.8	53.8



#82
4-Chlorotoluene
Concen: 49.48 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion:	91	Resp:	1125255
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.1	51.2





#83

tert-Butylbenzene

Concen: 50.31 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

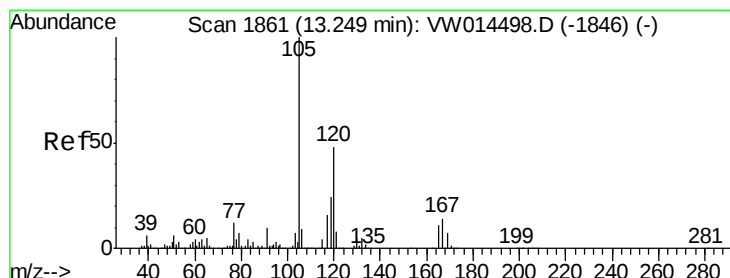
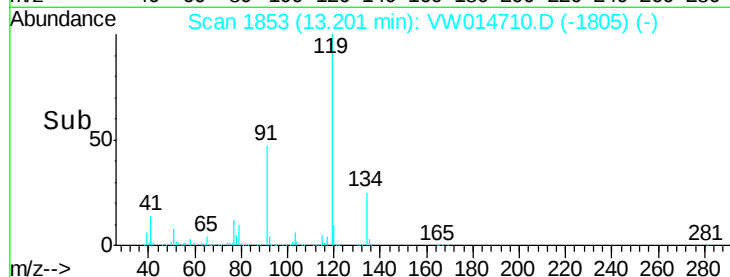
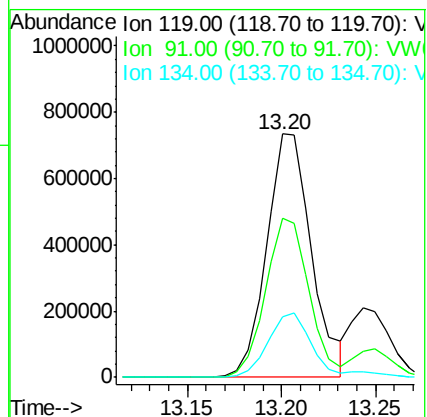
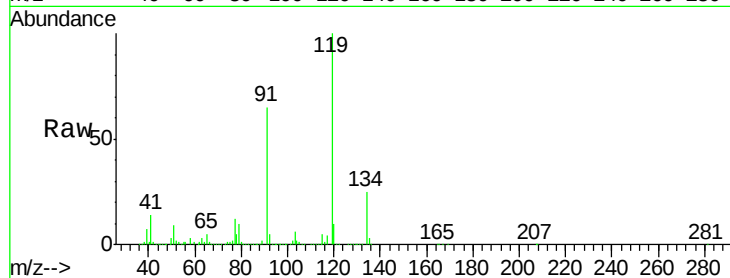
Tgt Ion:119 Resp: 1209703

Ion Ratio Lower Upper

119 100

91 63.2 31.1 93.3

134 26.9 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 49.44 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014710.D

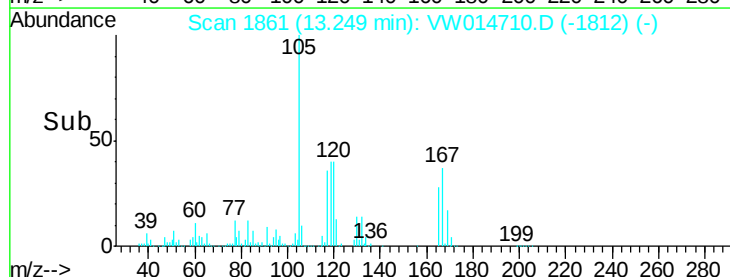
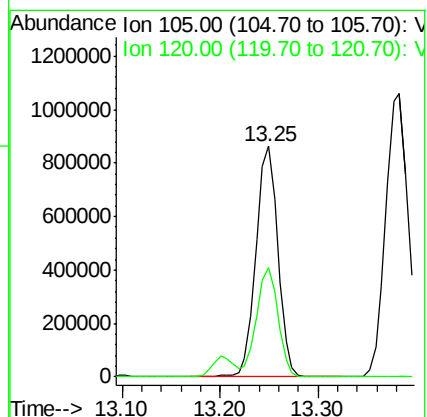
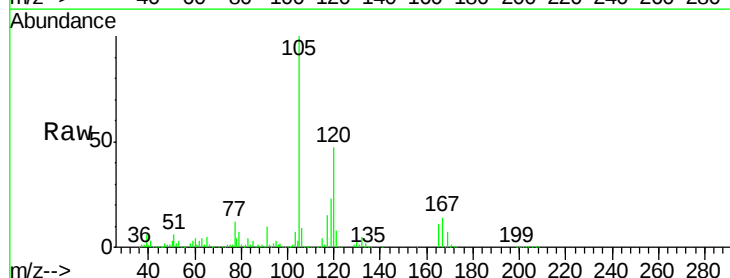
Acq: 22 Jan 2020 13:31

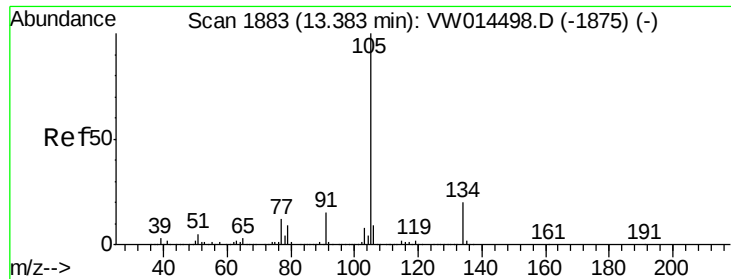
Tgt Ion:105 Resp: 1351222

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.0

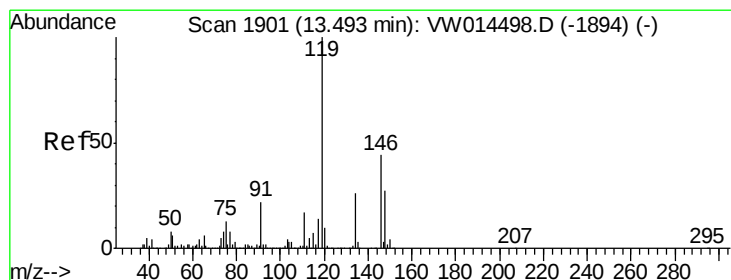
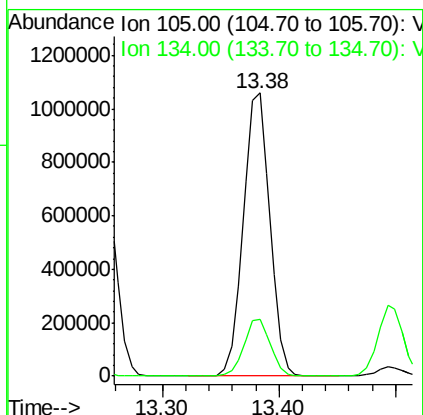
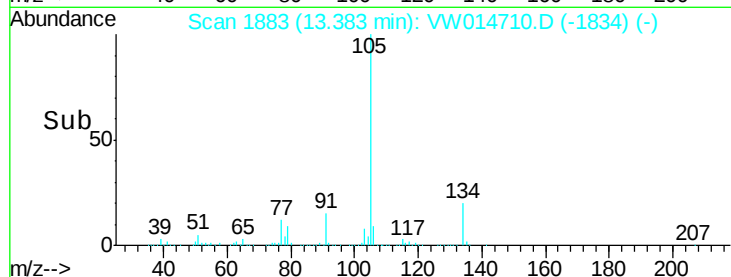
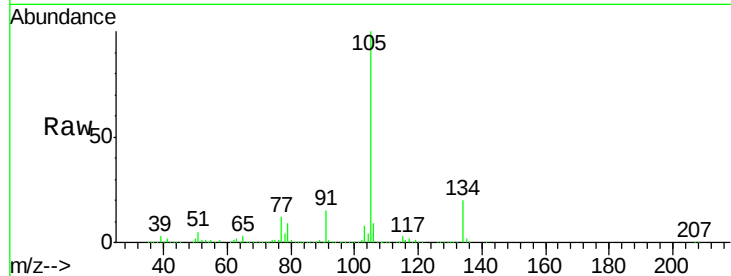




#85
 sec-Butylbenzene
 Concen: 50.75 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

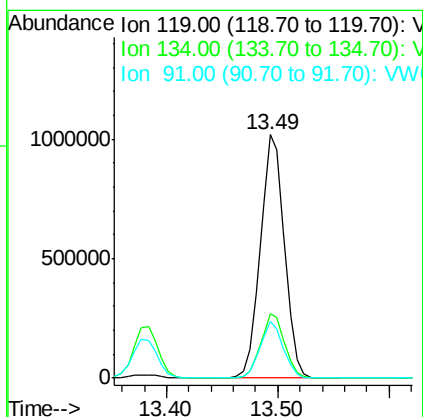
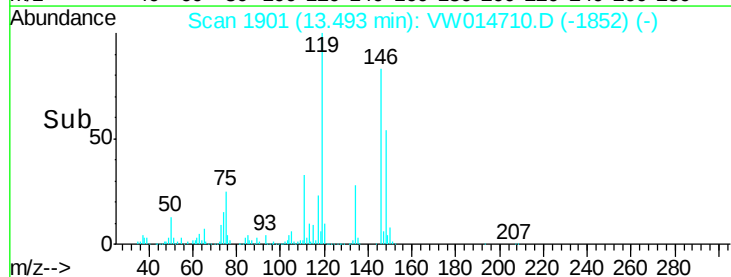
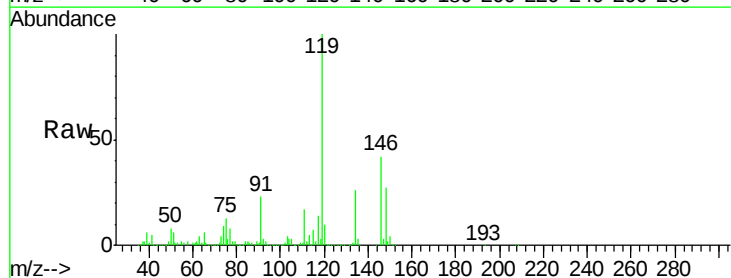
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

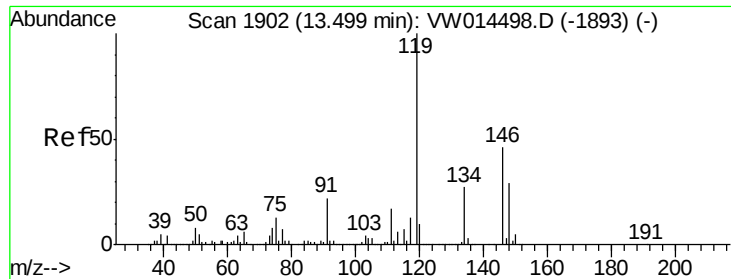
Tgt Ion:105 Resp: 1689318
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.58 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion:119 Resp: 1534522
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 47.96 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

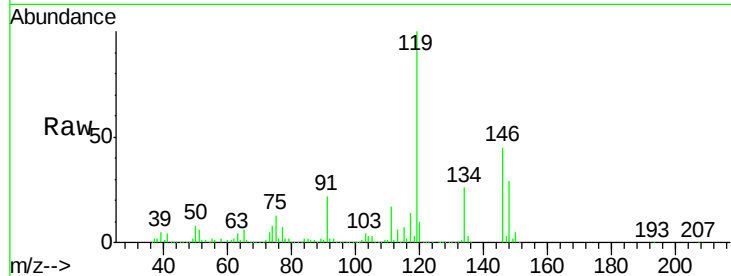
Tgt Ion:146 Resp: 708600

Ion Ratio Lower Upper

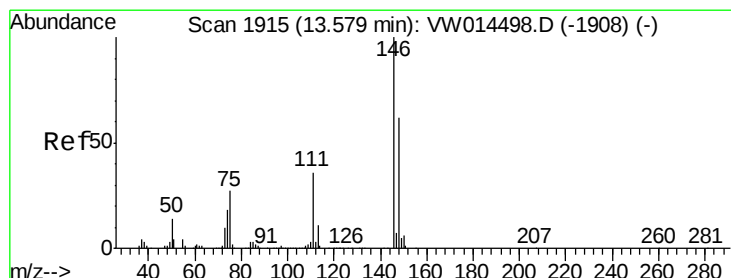
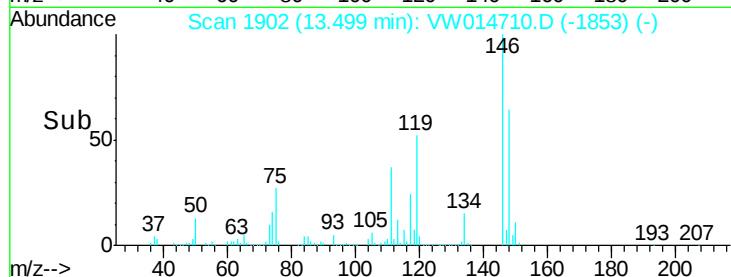
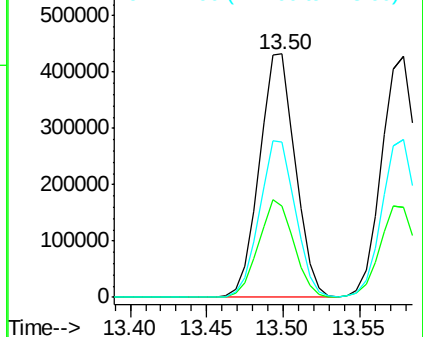
146 100

111 39.2 19.3 57.9

148 64.2 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 47.16 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

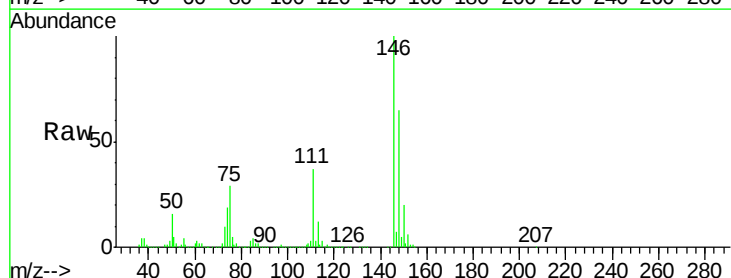
Tgt Ion:146 Resp: 687772

Ion Ratio Lower Upper

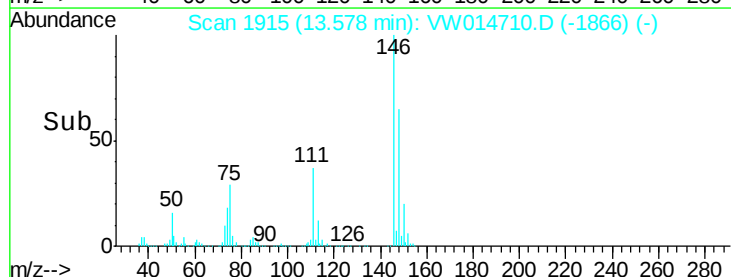
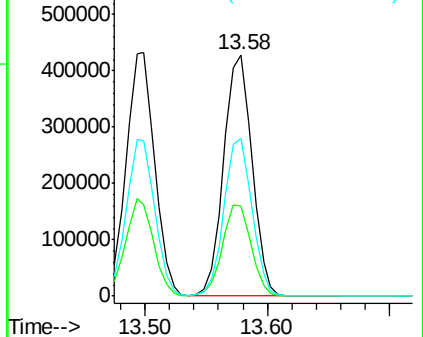
146 100

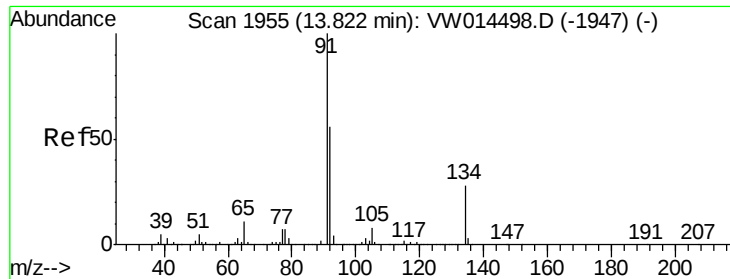
111 38.4 18.7 56.1

148 64.6 31.7 95.1



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





#89

n-Butylbenzene

Concen: 52.56 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014710.D

Acq: 22 Jan 2020 13:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

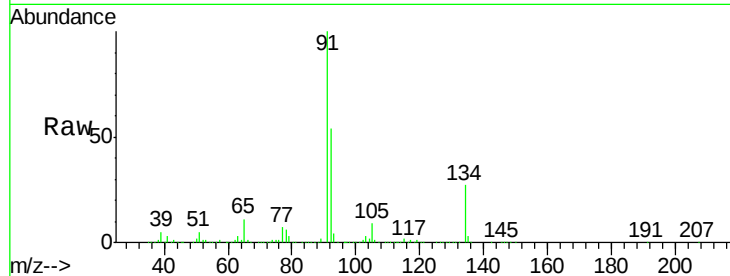
Tgt Ion: 91 Resp: 1480745

Ion Ratio Lower Upper

91 100

92 54.2 27.5 82.5

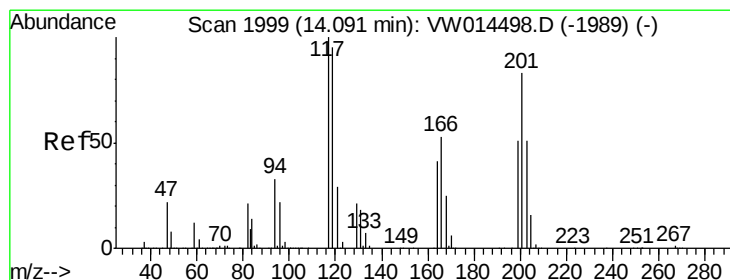
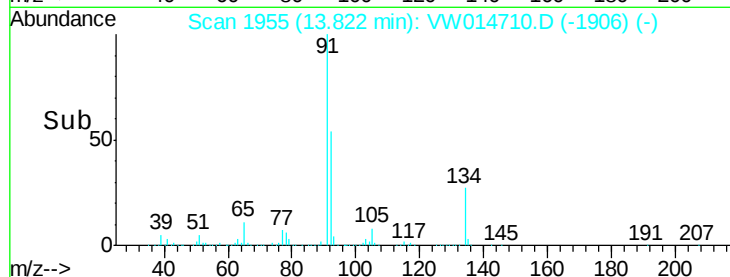
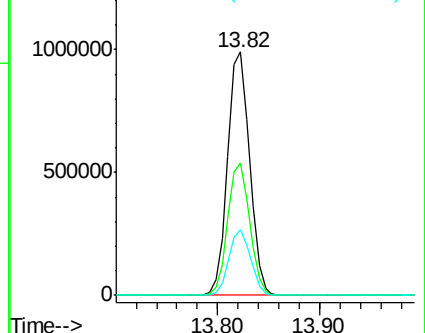
134 26.6 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.18 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014710.D

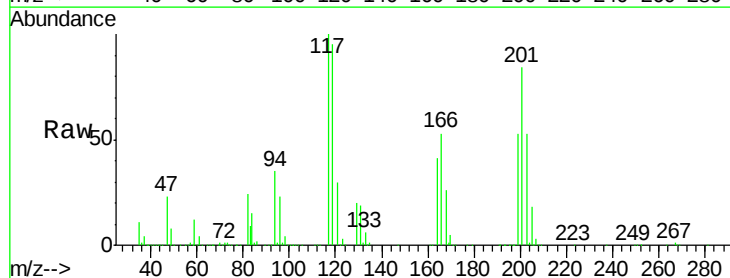
Acq: 22 Jan 2020 13:31

Tgt Ion: 117 Resp: 265959

Ion Ratio Lower Upper

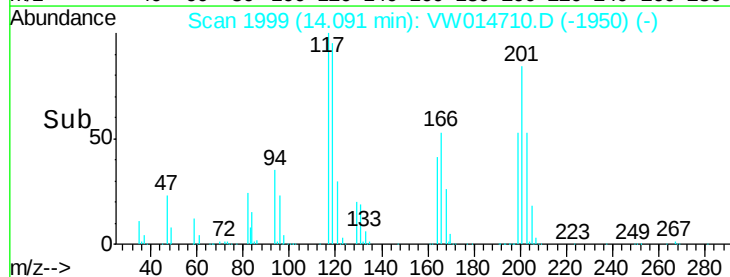
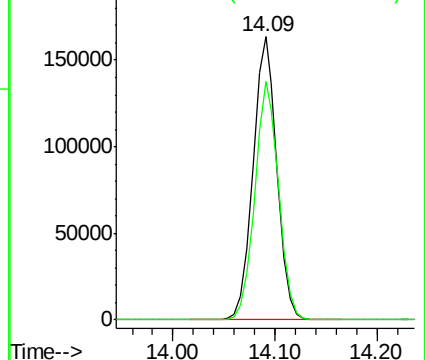
117 100

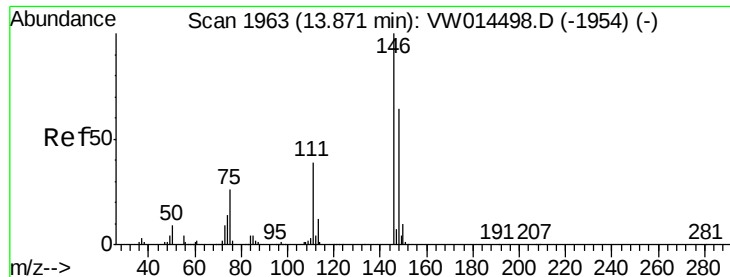
201 84.0 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

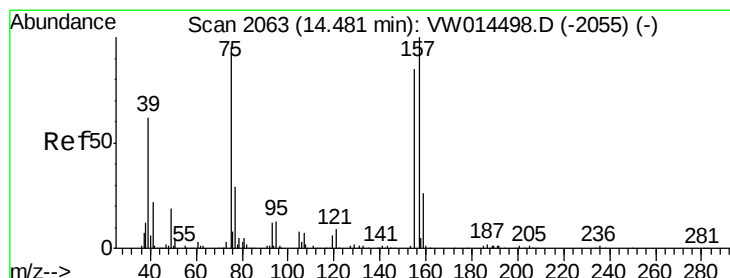
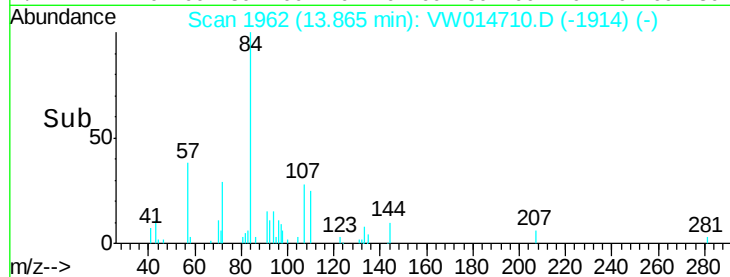
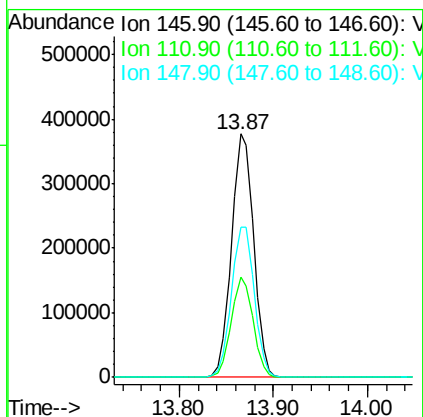
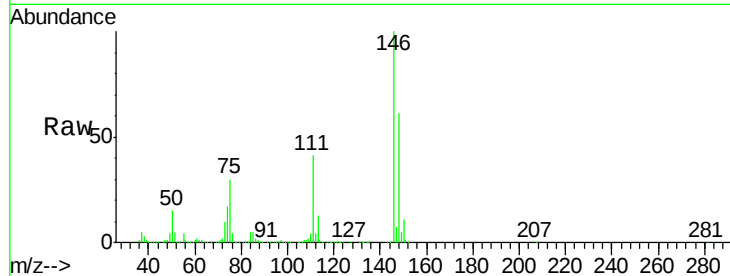




#91
 1,2-Dichlorobenzene
 Concen: 47.40 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

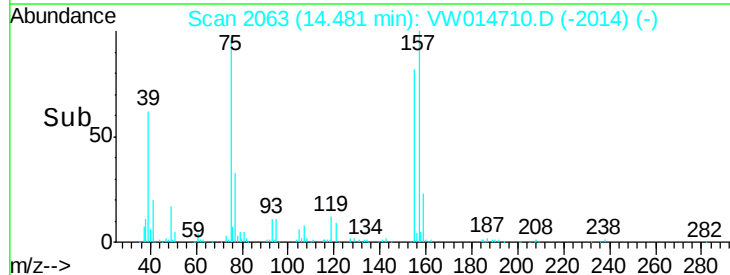
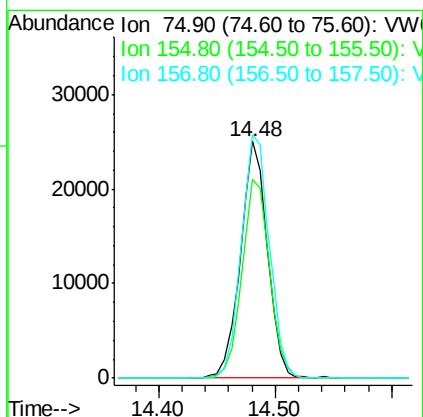
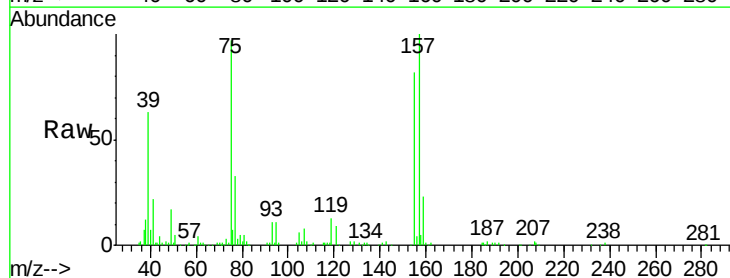
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

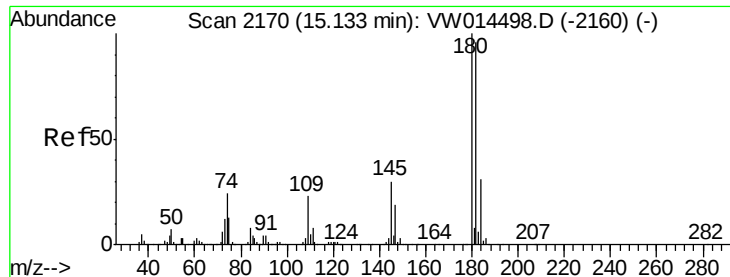
Tgt Ion: 146 Resp: 615464
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.3
 148 63.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.26 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion: 75 Resp: 40450
 Ion Ratio Lower Upper
 75 100
 155 86.2 45.8 137.4
 157 106.3 58.1 174.2

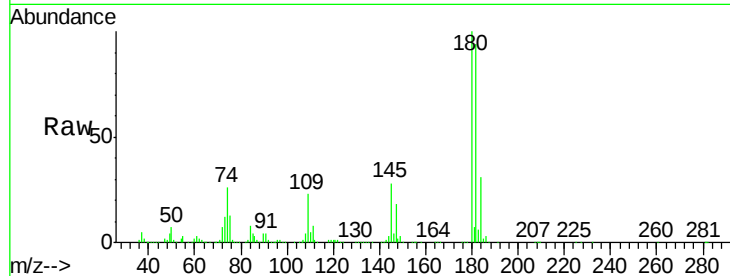




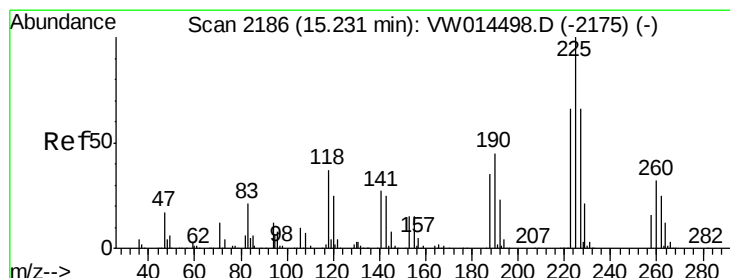
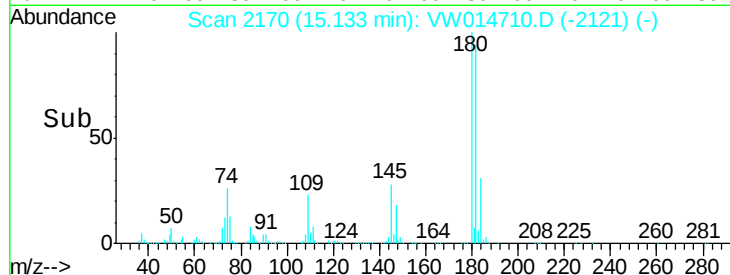
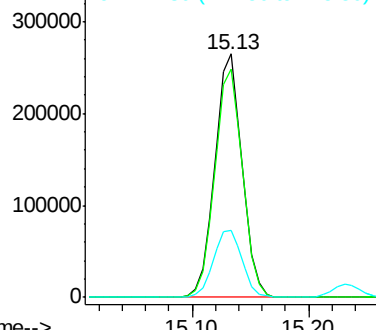
#93
 1,2,4-Trichlorobenzene
 Concen: 49.15 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 430982
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.8
 145 29.2 14.7 44.1

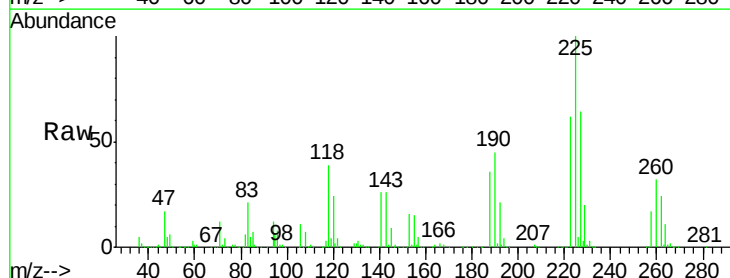


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

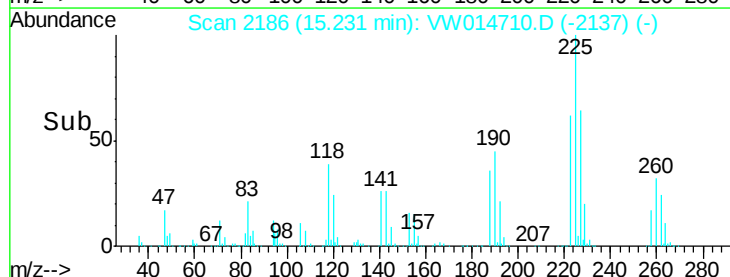
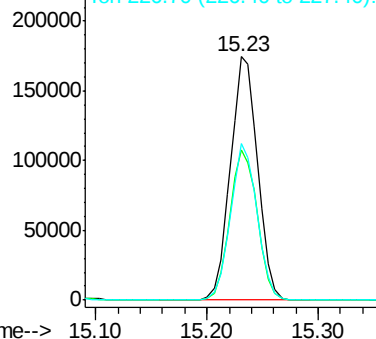


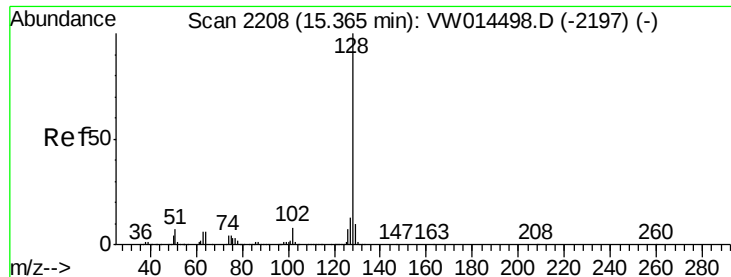
#94
 Hexachlorobutadiene
 Concen: 50.68 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014710.D
 Acq: 22 Jan 2020 13:31

Tgt Ion:225 Resp: 297802
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.4 97.2
 227 62.7 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

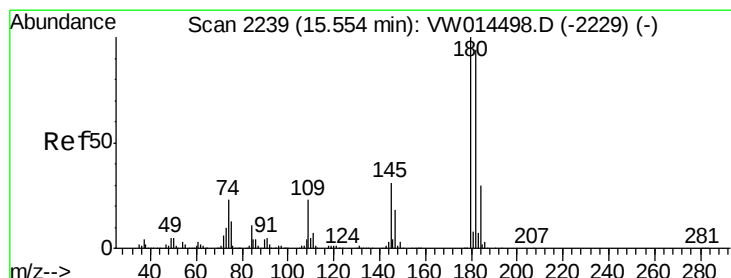
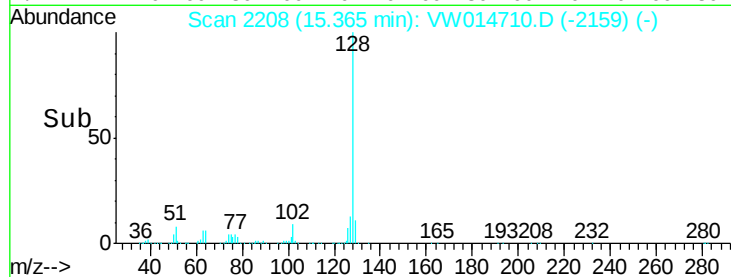
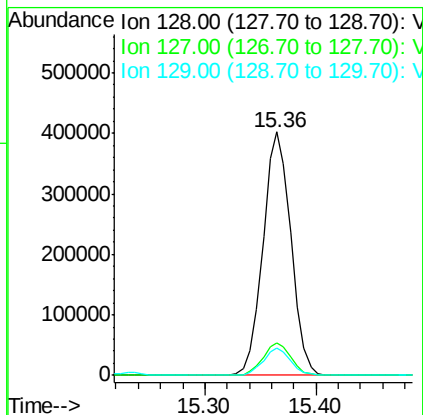
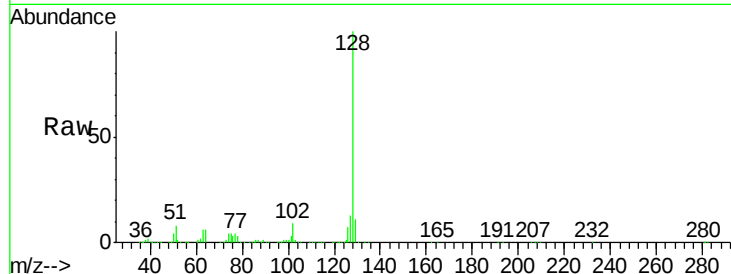




#95
Naphthalene
Concen: 46.90 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 701362
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.47 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014710.D
Acq: 22 Jan 2020 13:31

Tgt Ion:180 Resp: 370471
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 30.6 15.5 46.5

