

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX022720\
 Data File : VX015035.D
 Acq On : 27 Feb 2020 09:54
 Operator : JC/SP
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Quant Time: Feb 27 10:47:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	580600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	549038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	206489	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.49	113	176016	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	689917	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	279859	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	74486	19.89	ug/l	98
3) Chloromethane	1.32	50	93586	22.04	ug/l	98
4) Vinyl Chloride	1.41	62	93517	20.45	ug/l	100
5) Bromomethane	1.64	94	53181	17.97	ug/l	97
6) Chloroethane	1.72	64	54966	18.78	ug/l	96
7) Trichlorofluoromethane	1.93	101	111287	17.42	ug/l	98
8) Diethyl Ether	2.18	74	47928	18.09	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71119	19.18	ug/l	99
10) Methyl Iodide	2.51	142	61448	17.93	ug/l	99
11) Tert butyl alcohol	3.02	59	79430	100.81	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67109	18.52	ug/l	96
13) Acrolein	2.28	56	47256	78.69	ug/l	93
14) Allyl chloride	2.72	41	123936	19.29	ug/l	92
15) Acrylonitrile	3.13	53	212614	106.45	ug/l	99
16) Acetone	2.43	43	216479	83.01	ug/l	95
17) Carbon Disulfide	2.56	76	163625	16.16	ug/l	99
18) Methyl Acetate	2.76	43	104394	23.23	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	226694	19.22	ug/l	99
20) Methylene Chloride	2.85	84	76647	17.86	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	71002	17.75	ug/l	96
22) Diisopropyl ether	3.84	45	253015	20.62	ug/l	91
23) Vinyl Acetate	3.80	43	1047844	103.58	ug/l	99
24) 1,1-Dichloroethane	3.69	63	134227	19.38	ug/l	99
25) 2-Butanone	4.65	43	306742	100.97	ug/l	99
26) 2,2-Dichloropropane	4.57	77	103567	17.35	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	83984	18.79	ug/l	98
28) Bromochloromethane	5.00	49	58577	21.82	ug/l	97
29) Tetrahydrofuran	5.11	42	189227	109.57	ug/l	96
30) Chloroform	5.20	83	129542	18.85	ug/l	99
31) Cyclohexane	5.57	56	119021	18.87	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	108191	18.00	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97756	18.82	ug/l	99
37) Ethyl Acetate	4.81	43	113306	20.92	ug/l	99
38) Carbon Tetrachloride	5.78	117	92994	18.37	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	121253	18.67	ug/l	98
40) Benzene	6.14	78	301818	19.45	ug/l	99
41) Methacrylonitrile	5.03	41	62955	21.57	ug/l	97
42) 1,2-Dichloroethane	6.18	62	102556	18.29	ug/l	94
43) Isopropyl Acetate	6.43	43	182365	20.41	ug/l	100
44) Trichloroethene	7.20	130	84717	18.81	ug/l	98
45) 1,2-Dichloropropane	7.50	63	81405	20.57	ug/l	99
46) Dibromomethane	7.65	93	51979	19.21	ug/l	99
47) Bromodichloromethane	7.89	83	101797	18.98	ug/l	95
48) Methyl methacrylate	7.76	41	89934	20.45	ug/l	96
49) 1,4-Dioxane	7.73	88	35301	429.34	ug/l	90
51) 4-Methyl-2-Pentanone	8.63	43	583661	108.17	ug/l	99
52) Toluene	8.78	92	192437	19.53	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	109084	18.56	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	125291	19.29	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	81200	20.36	ug/l	98
56) Ethyl methacrylate	9.17	69	120081	20.03	ug/l	98
57) 1,3-Dichloropropane	9.36	76	133955	19.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	303017	96.67	ug/l	98
59) 2-Hexanone	9.48	43	447629	105.55	ug/l	99
60) Dibromochloromethane	9.57	129	83583	19.48	ug/l	98
61) 1,2-Dibromoethane	9.67	107	82163	19.10	ug/l	99
64) Tetrachloroethene	9.33	164	87770	17.10	ug/l	94
65) Chlorobenzene	10.13	112	213007	19.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79056	19.55	ug/l	98
67) Ethyl Benzene	10.25	91	370145	19.54	ug/l	98
68) m/p-Xylenes	10.35	106	287408	39.39	ug/l	97
69) o-Xylene	10.70	106	140096	19.98	ug/l	98
70) Styrene	10.71	104	240634	20.28	ug/l	99
71) Bromoform	10.85	173	68809	20.39	ug/l	# 100
73) Isopropylbenzene	11.01	105	404864	20.21	ug/l	100
74) N-amyl acetate	10.89	43	166607	20.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138977	21.22	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	151735	26.26	ug/l	93
77) Bromobenzene	11.25	156	108607	19.42	ug/l	97
78) n-propylbenzene	11.35	91	460531	19.87	ug/l	100
79) 2-Chlorotoluene	11.42	91	273268	20.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	333875	19.94	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42668	18.90	ug/l	96
82) 4-Chlorotoluene	11.51	91	312771	19.39	ug/l	100
83) tert-Butylbenzene	11.76	119	325681	20.54	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	342191	20.28	ug/l	99
85) sec-Butylbenzene	11.94	105	400912	20.36	ug/l	98
86) p-Isopropyltoluene	12.06	119	363936	19.75	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187203	18.66	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	192773	18.82	ug/l	99
89) n-Butylbenzene	12.39	91	311165	18.85	ug/l	99
90) Hexachloroethane	12.59	117	62342	19.37	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188746	19.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28312	18.43	ug/l	98

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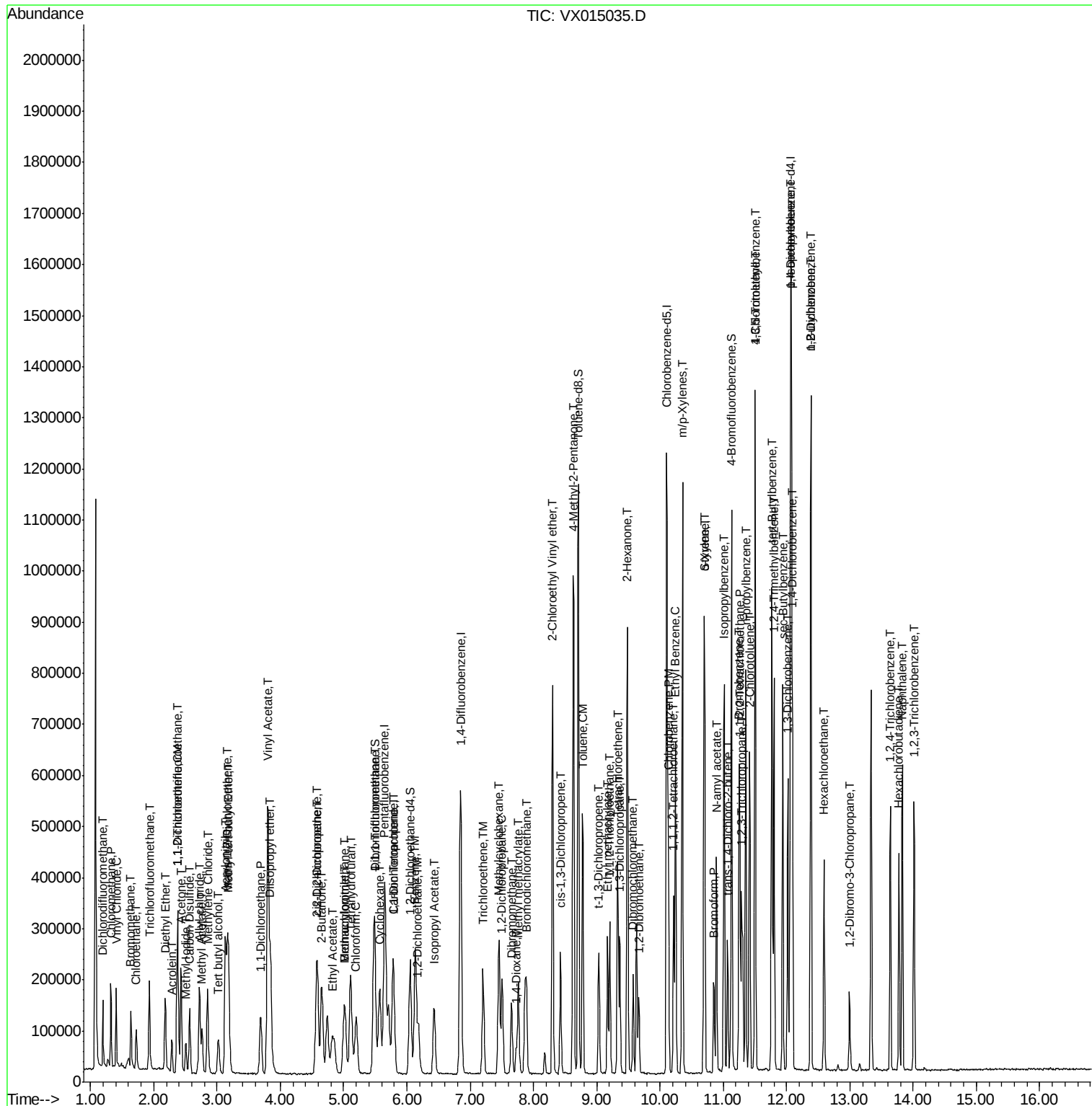
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

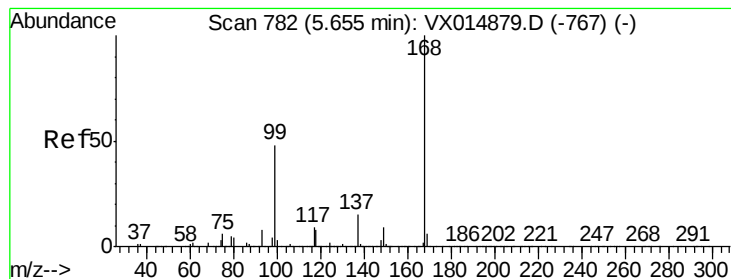
Quant Time: Feb 27 10:47:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132435	18.24	ug/l	98
94) Hexachlorobutadiene	13.78	225	68031	19.37	ug/l	98
95) Naphthalene	13.83	128	374270	19.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	131933	18.80	ug/l	99

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

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QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

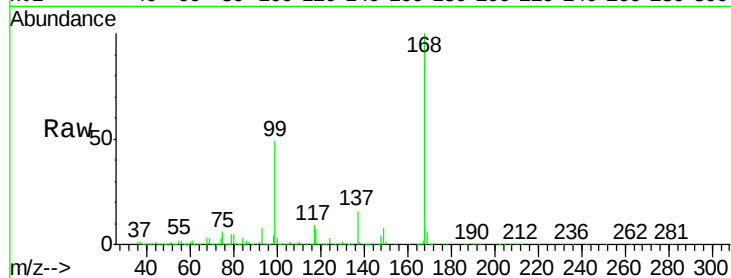
VX0227WBS01

Tgt Ion:168 Resp: 395396

Ion Ratio Lower Upper

168 100

99 48.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

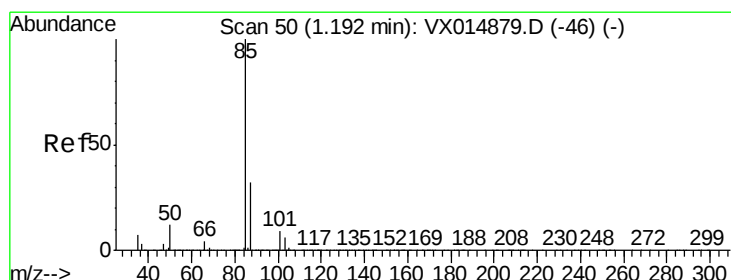
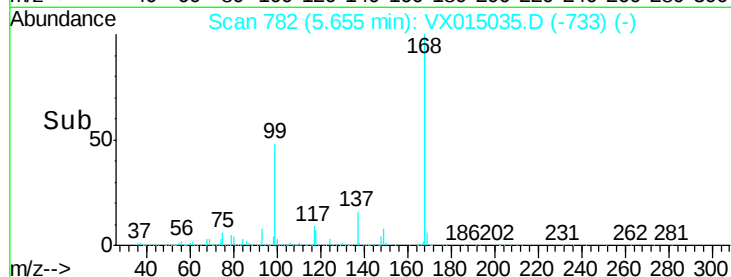
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.89 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015035.D

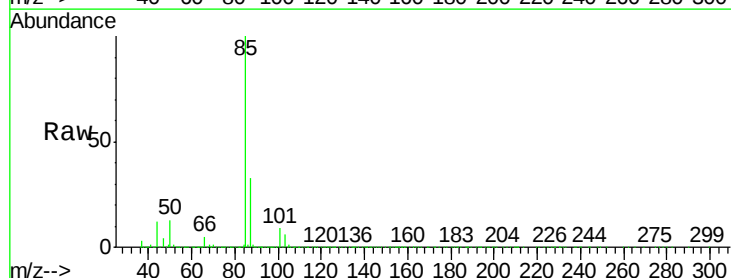
Acq: 27 Feb 2020 09:54

Tgt Ion: 85 Resp: 74486

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

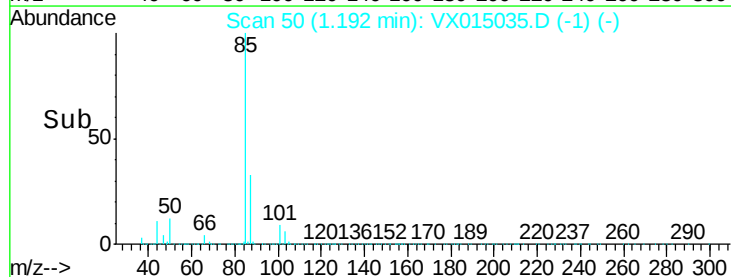
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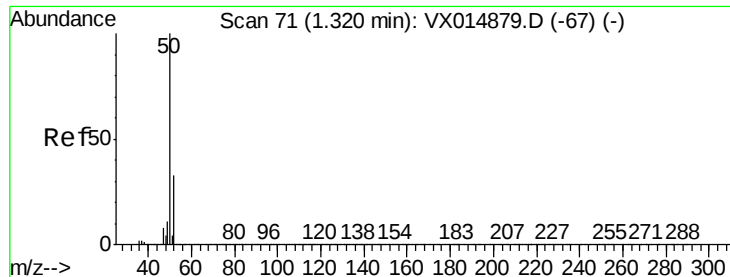
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0

1.15 1.20 1.25 1.30

Time-->

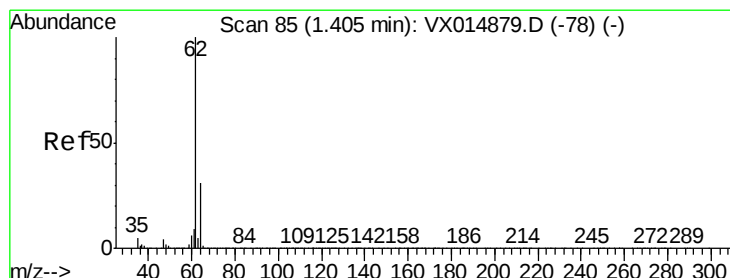
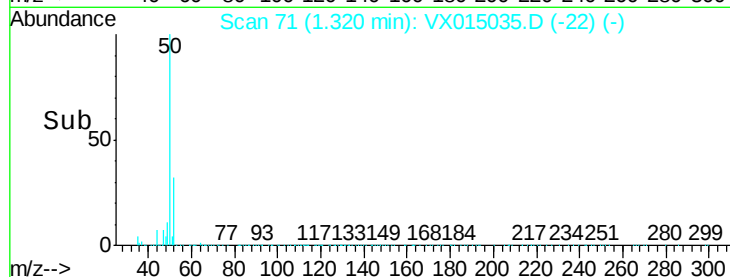
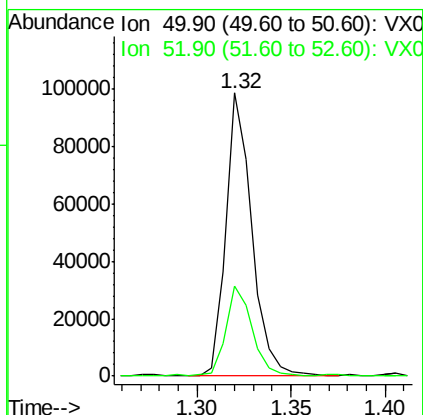
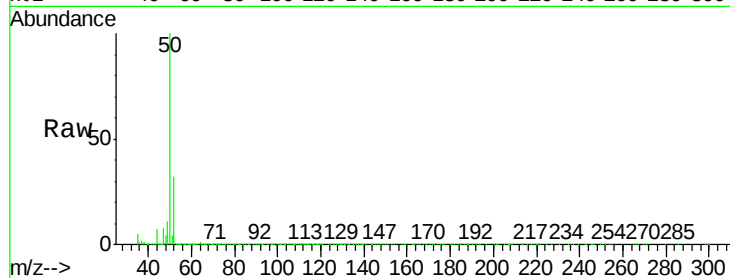




#3
Chloromethane
Concen: 22.04 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

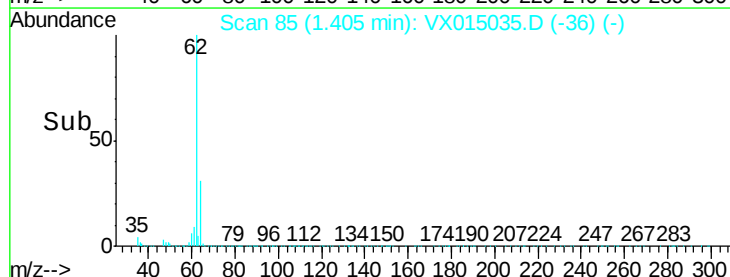
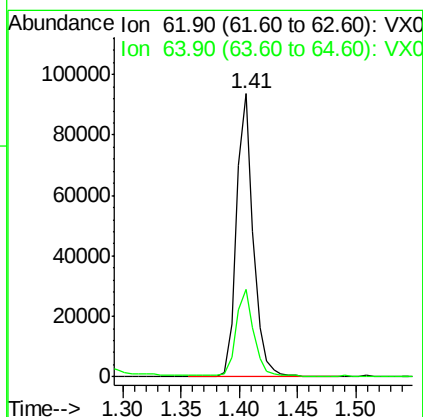
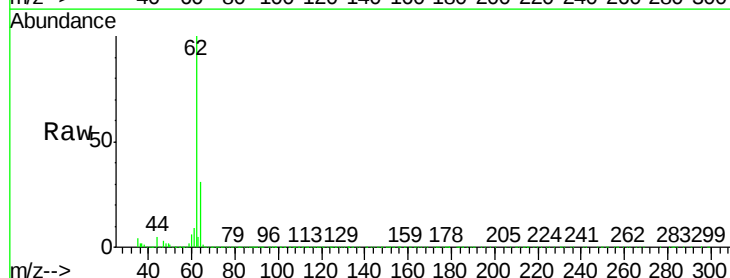
Instrument :
MSVOA_X
ClientSampled :
VX0227WBS01

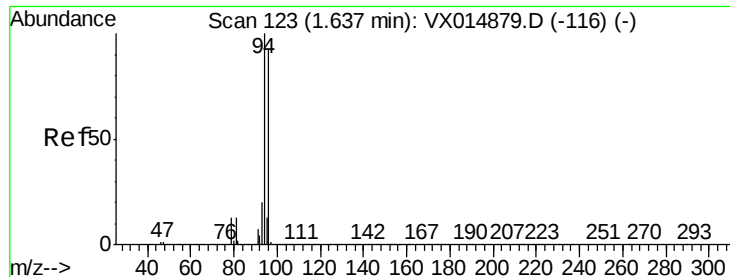
Tgt Ion: 50 Resp: 93586
Ion Ratio Lower Upper
50 100
52 31.6 26.2 39.2



#4
Vinyl Chloride
Concen: 20.45 ug/l
RT: 1.41 min Scan# 85
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 62 Resp: 93517
Ion Ratio Lower Upper
62 100
64 30.7 24.8 37.2





#5

Bromomethane

Concen: 17.97 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

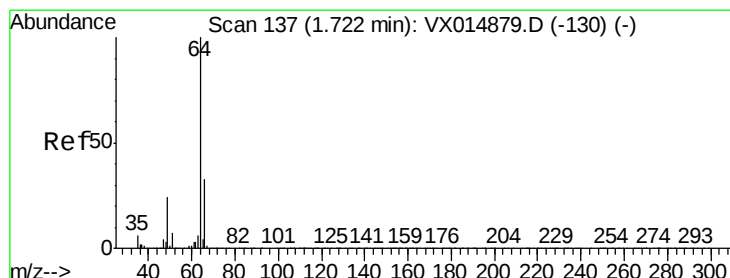
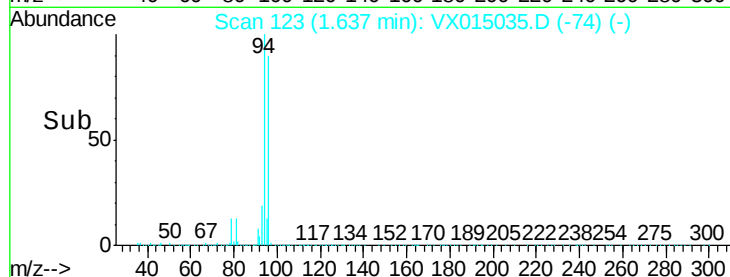
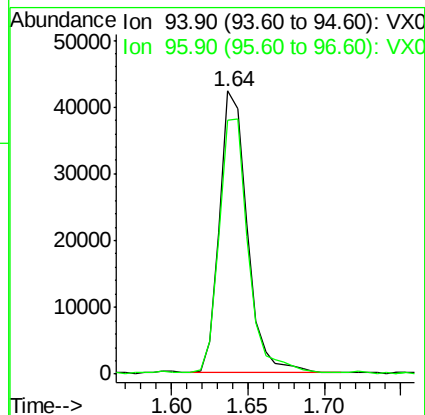
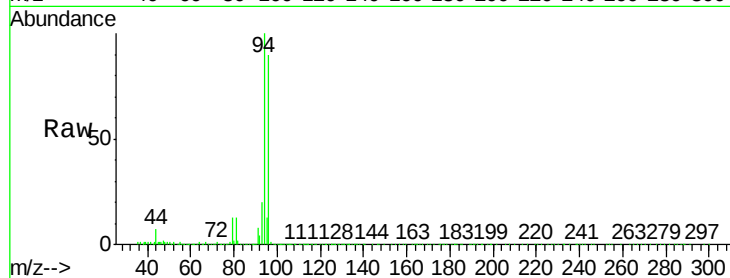
VX0227WBS01

Tgt Ion: 94 Resp: 53181

Ion Ratio Lower Upper

94 100

96 89.7 73.7 110.5



#6

Chloroethane

Concen: 18.78 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015035.D

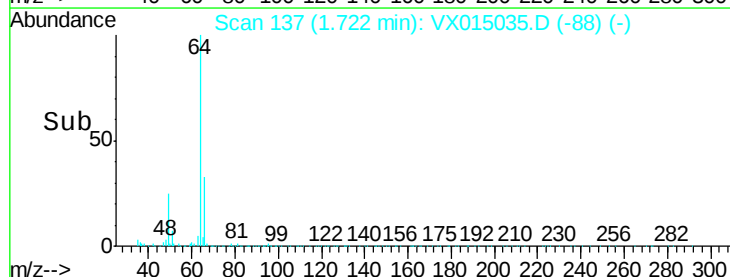
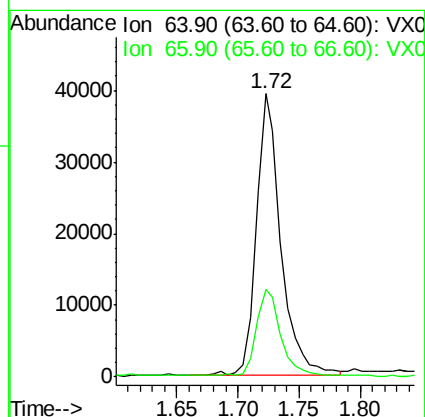
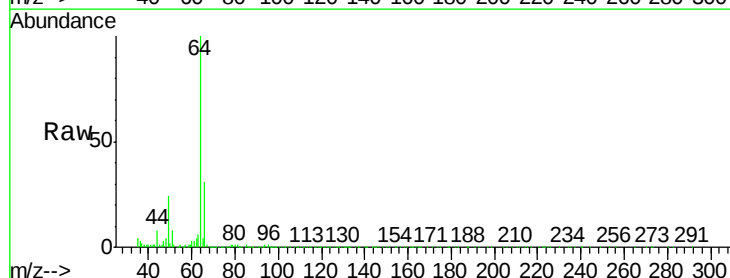
Acq: 27 Feb 2020 09:54

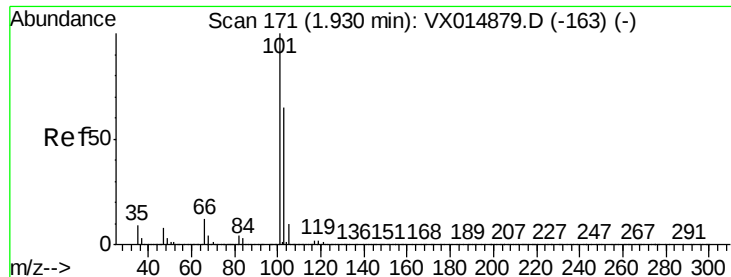
Tgt Ion: 64 Resp: 54966

Ion Ratio Lower Upper

64 100

66 30.4 26.2 39.4



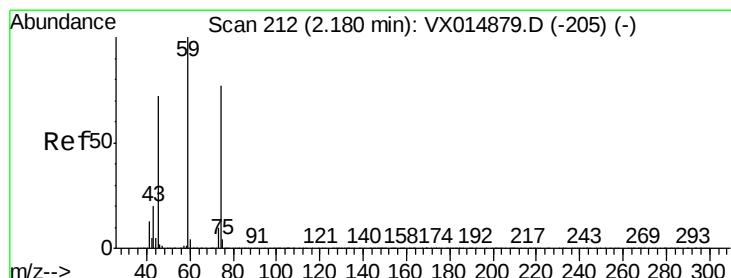
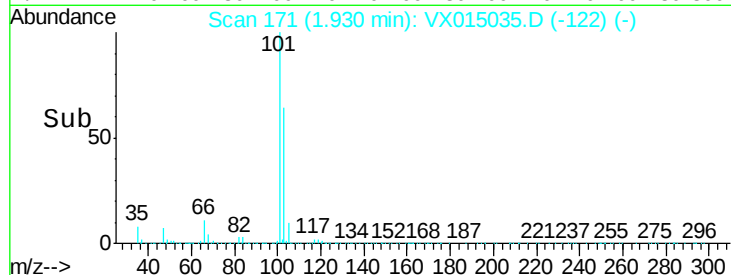
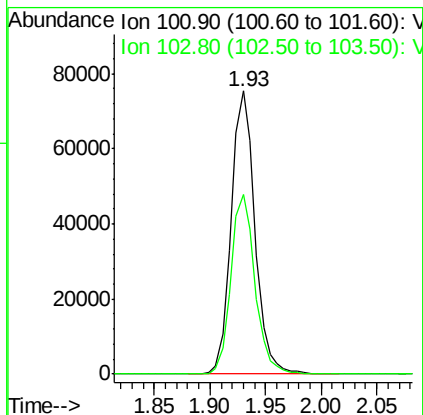
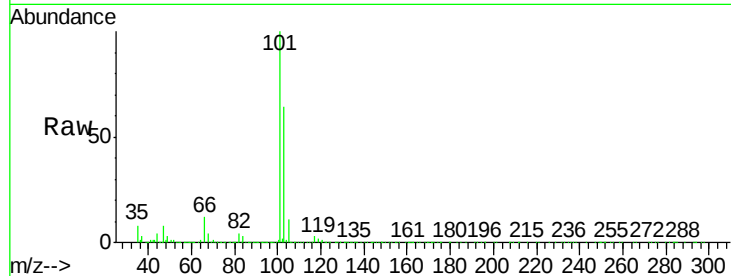


#7

Trichlorofluoromethane
Concen: 17.42 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

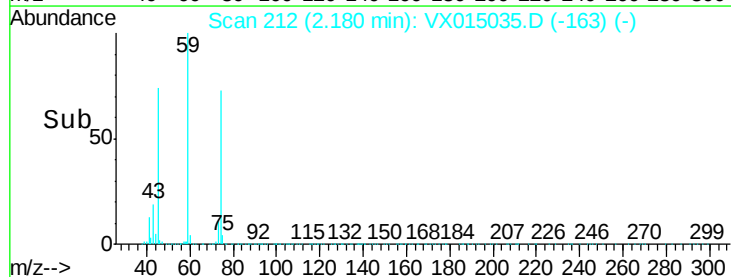
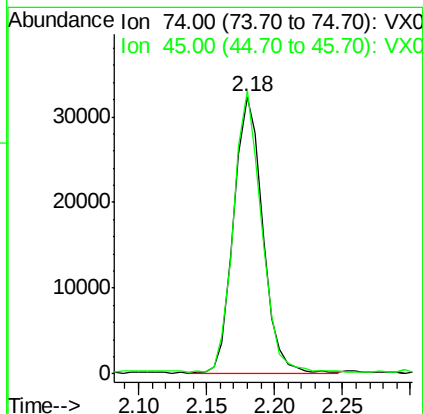
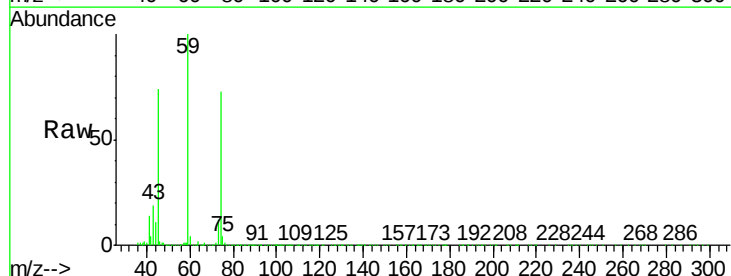
Tgt Ion:101 Resp: 111287
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

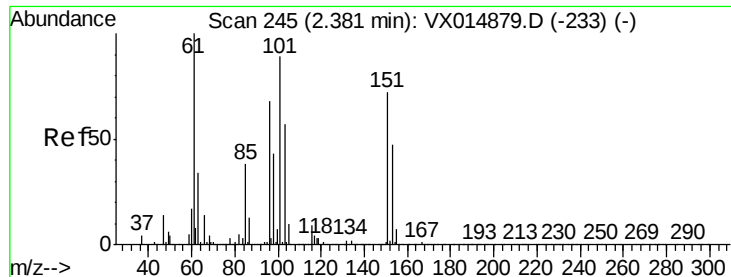


#8

Diethyl Ether
Concen: 18.09 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 74 Resp: 47928
Ion Ratio Lower Upper
74 100
45 98.0 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.18 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

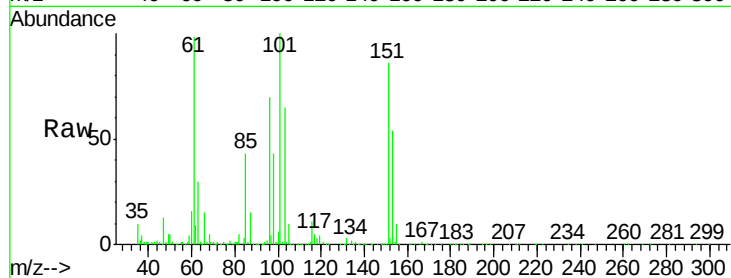
Tgt Ion:101 Resp: 71119

Ion Ratio Lower Upper

101 100

85 42.4 34.1 51.1

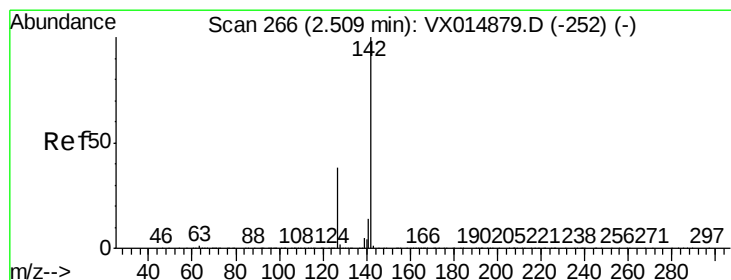
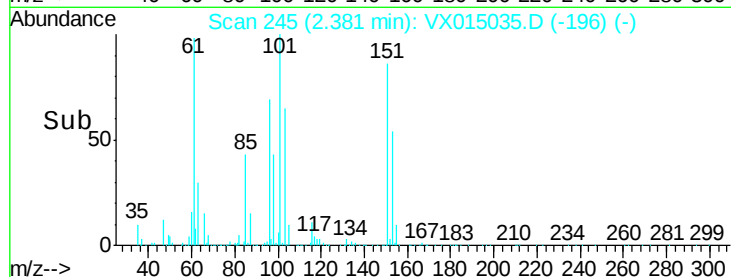
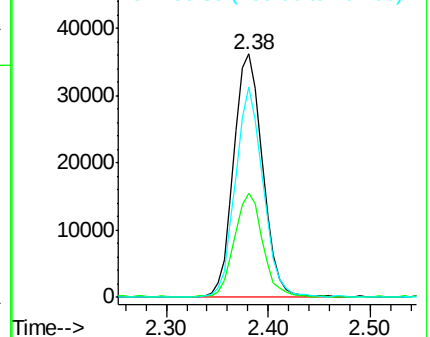
151 82.7 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.93 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

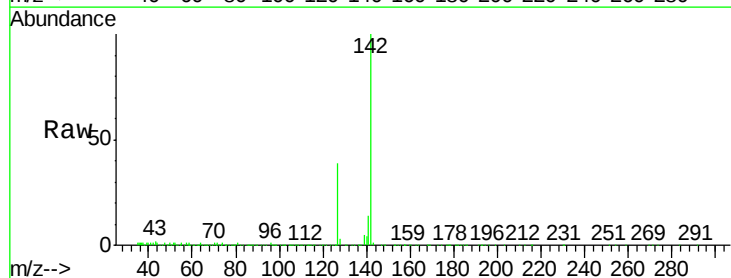
Tgt Ion:142 Resp: 61448

Ion Ratio Lower Upper

142 100

127 39.0 31.1 46.7

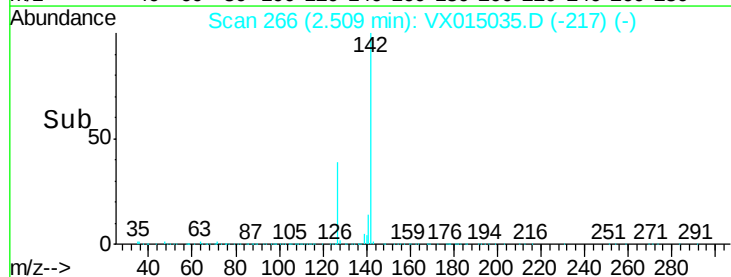
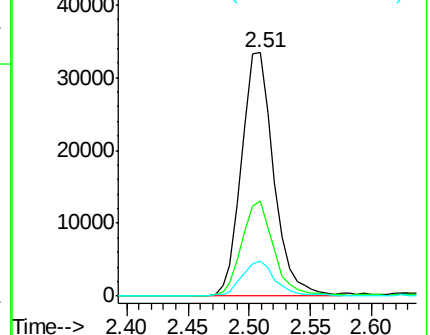
141 14.9 11.3 16.9

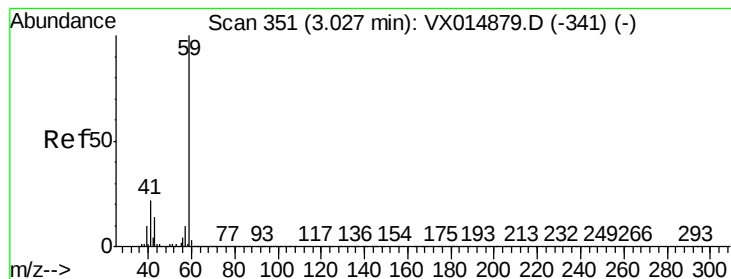


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



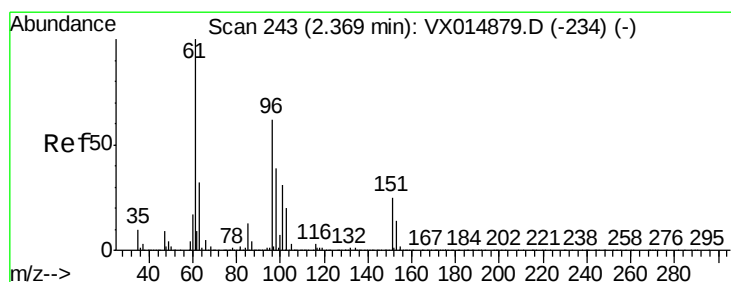
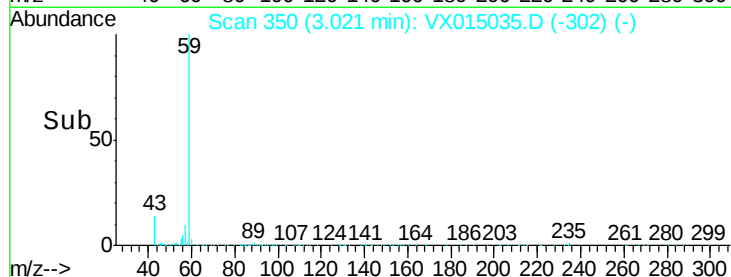
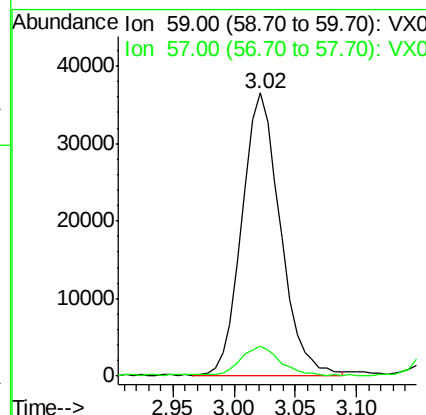
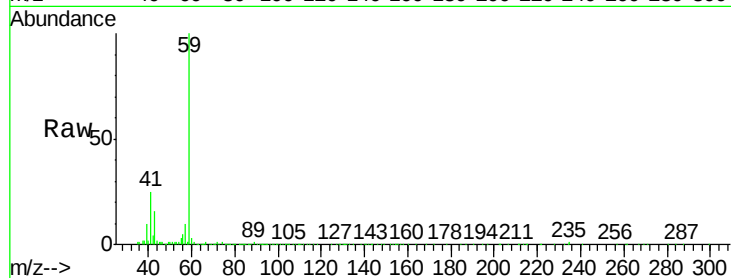


#11

Tert butyl alcohol
Concen: 100.81 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

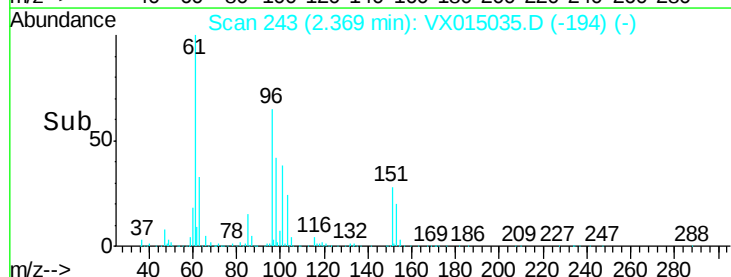
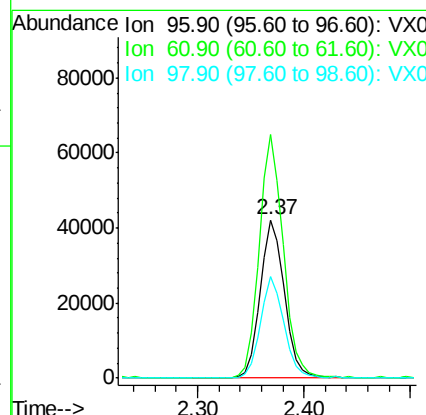
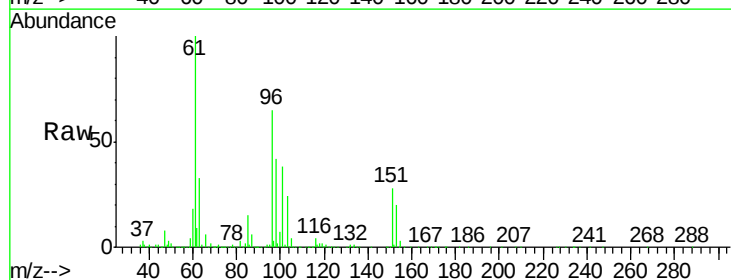
Tgt Ion: 59 Resp: 79430
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

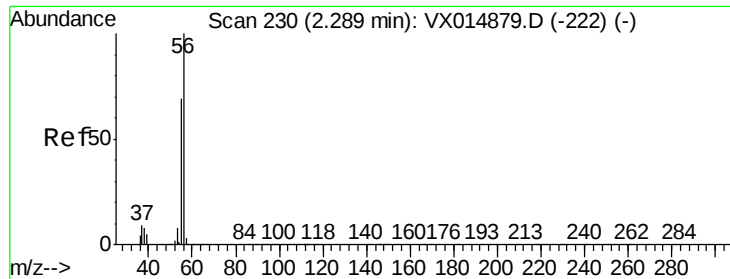


#12

1,1-Dichloroethene
Concen: 18.52 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 96 Resp: 67109
Ion Ratio Lower Upper
96 100
61 154.1 129.5 194.3
98 63.8 50.6 76.0





#13

Acrolein

Concen: 78.69 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

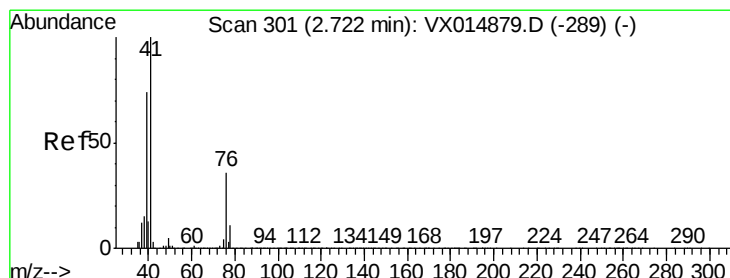
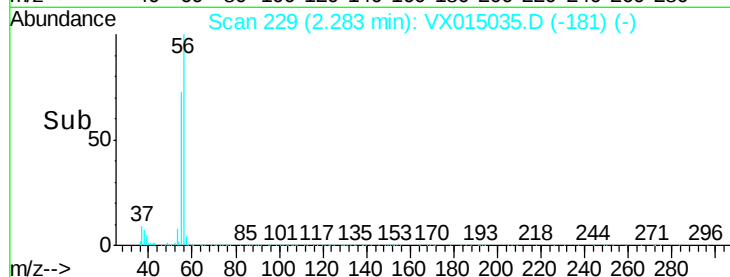
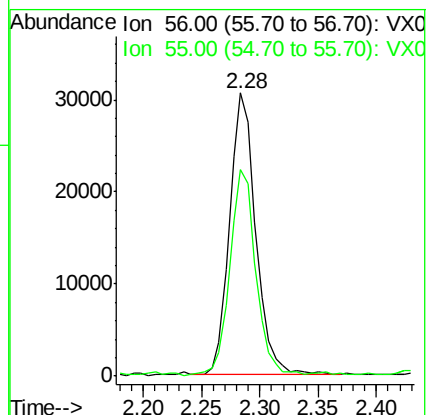
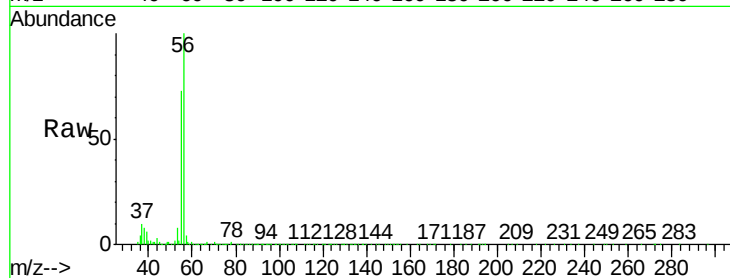
VX0227WBS01

Tgt Ion: 56 Resp: 47256

Ion Ratio Lower Upper

56 100

55 74.3 55.0 82.4



#14

Allyl chloride

Concen: 19.29 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

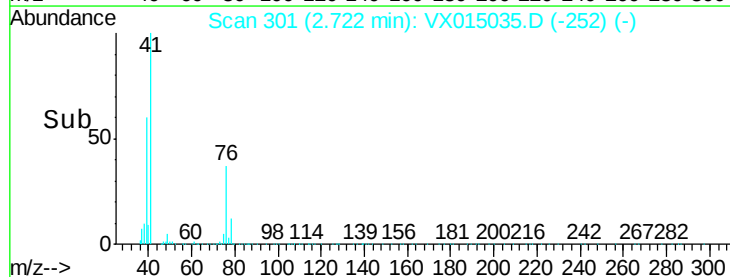
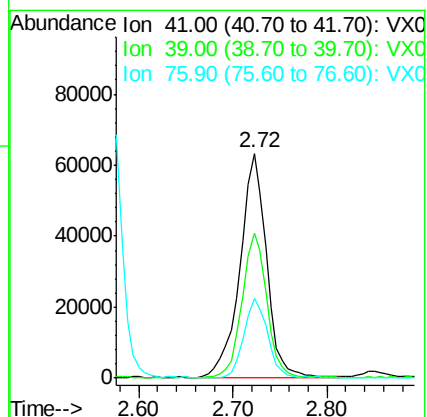
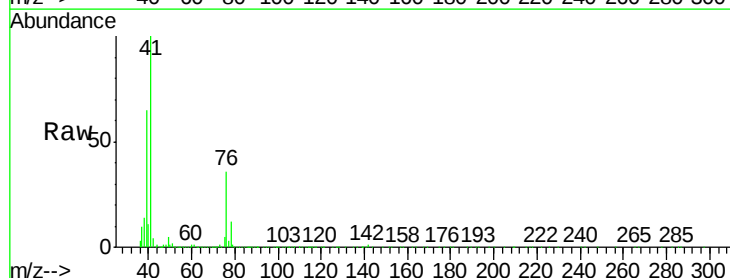
Tgt Ion: 41 Resp: 123936

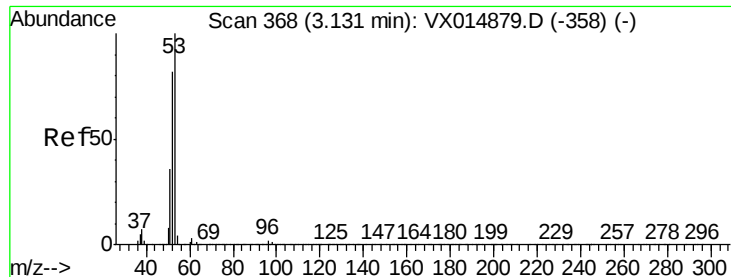
Ion Ratio Lower Upper

41 100

39 61.2 55.2 82.8

76 31.6 26.8 40.2





#15

Acrylonitrile

Concen: 106.45 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

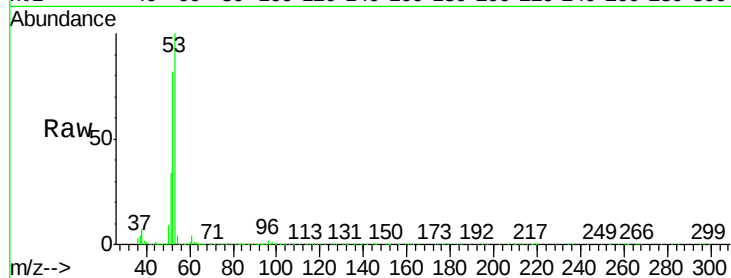
Tgt Ion: 53 Resp: 212614

Ion Ratio Lower Upper

53 100

52 81.4 65.8 98.6

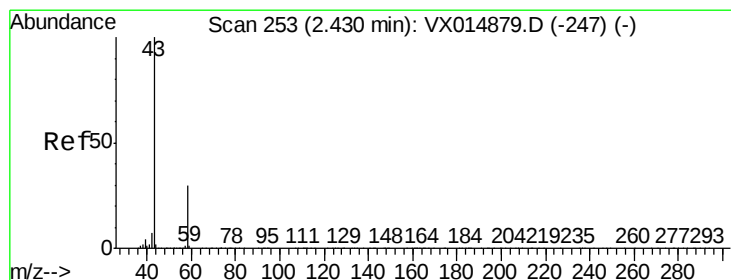
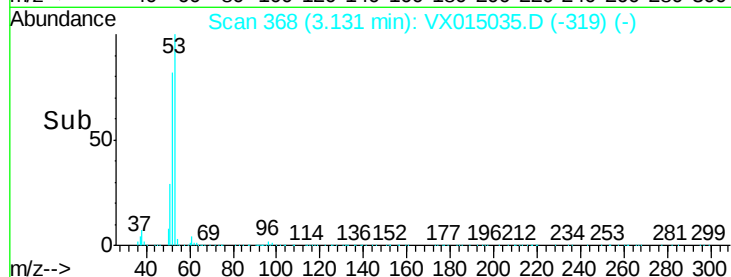
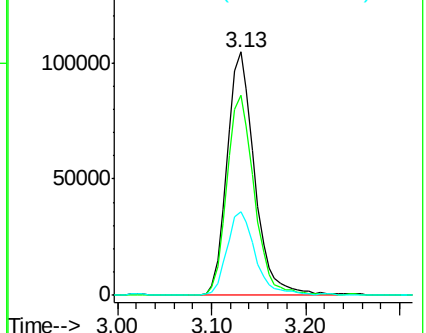
51 35.5 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.01 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015035.D

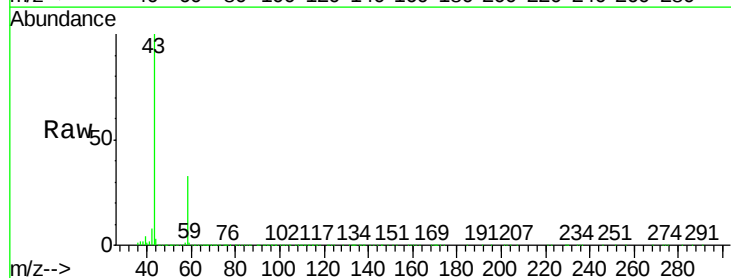
Acq: 27 Feb 2020 09:54

Tgt Ion: 43 Resp: 216479

Ion Ratio Lower Upper

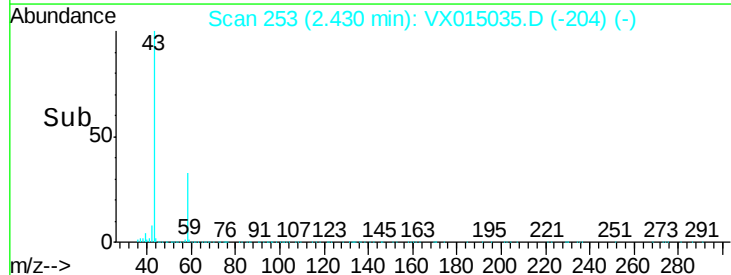
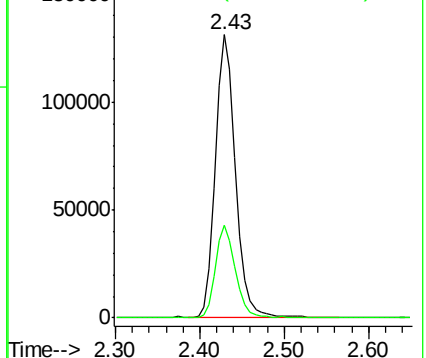
43 100

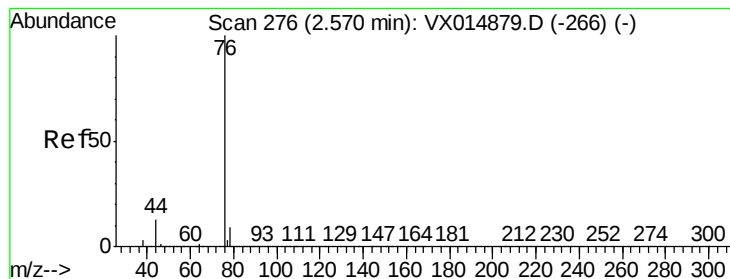
58 32.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.16 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

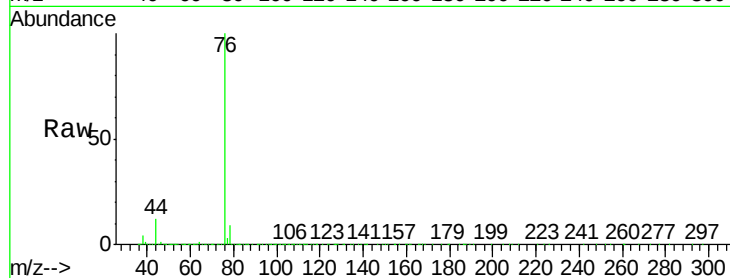
VX0227WBS01

Tgt Ion: 76 Resp: 163625

Ion Ratio Lower Upper

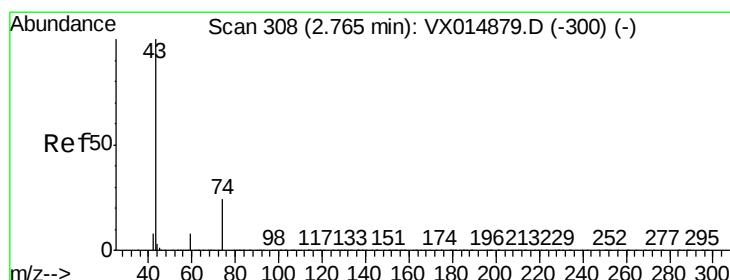
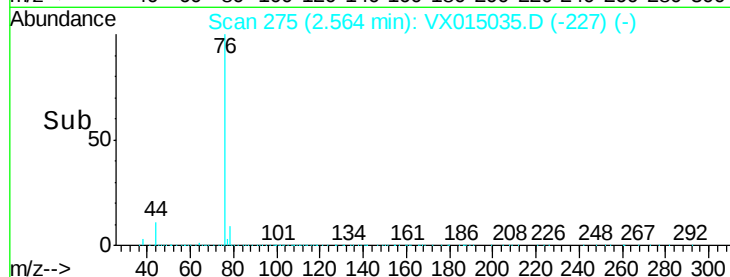
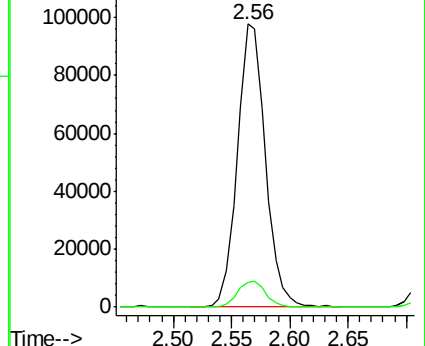
76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.23 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015035.D

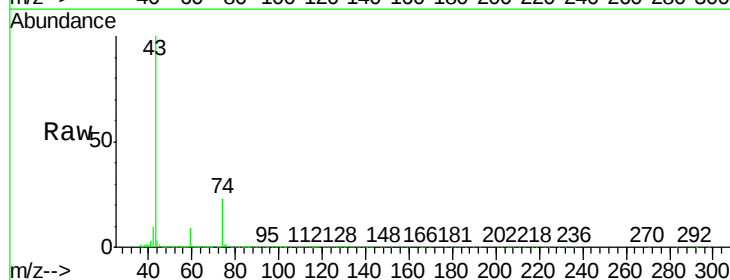
Acq: 27 Feb 2020 09:54

Tgt Ion: 43 Resp: 104394

Ion Ratio Lower Upper

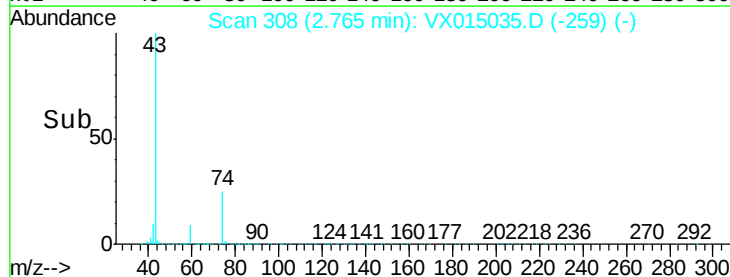
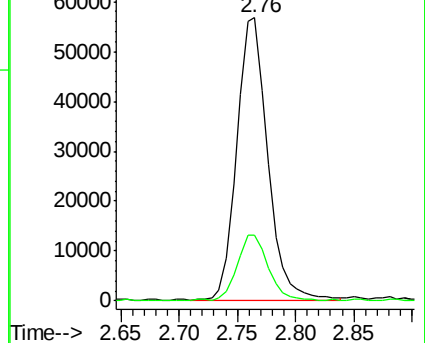
43 100

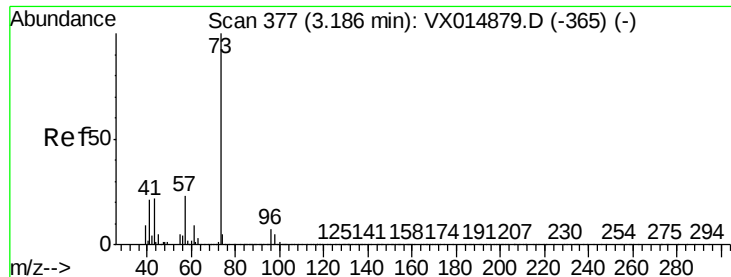
74 24.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.22 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

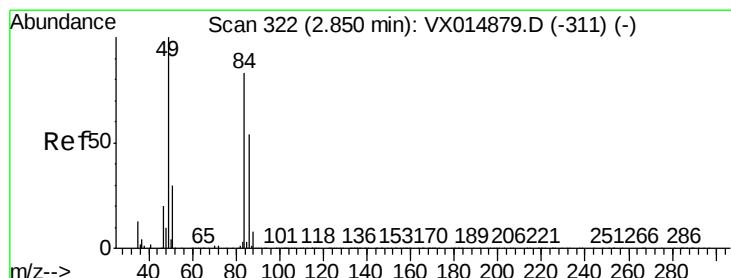
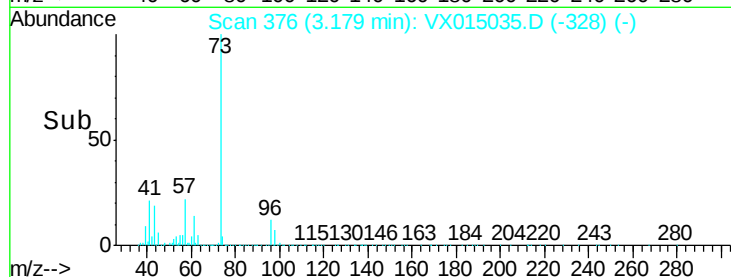
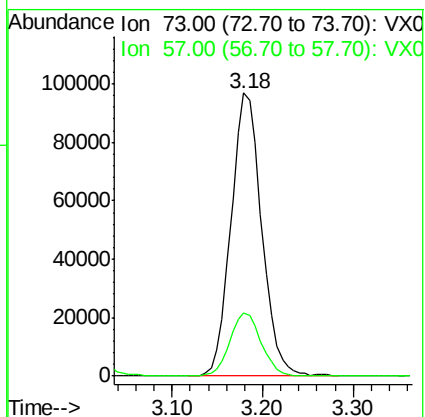
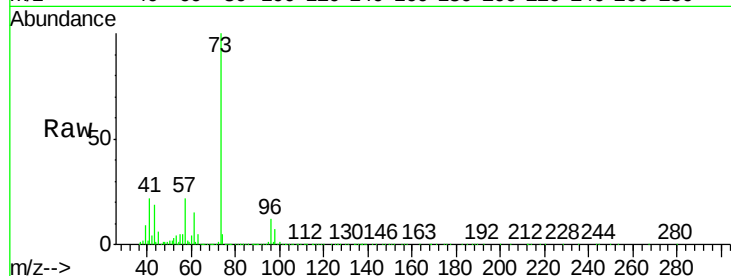
VX0227WBS01

Tgt Ion: 73 Resp: 226694

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



#20

Methylene Chloride

Concen: 17.86 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion: 84 Resp: 76647

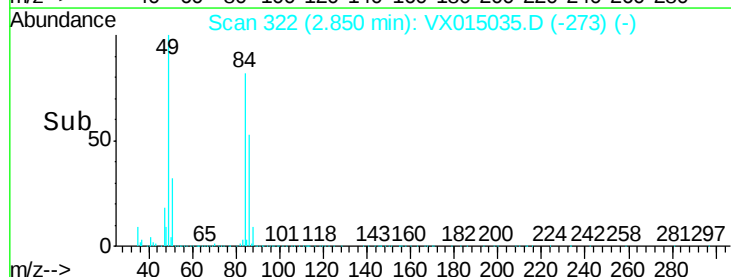
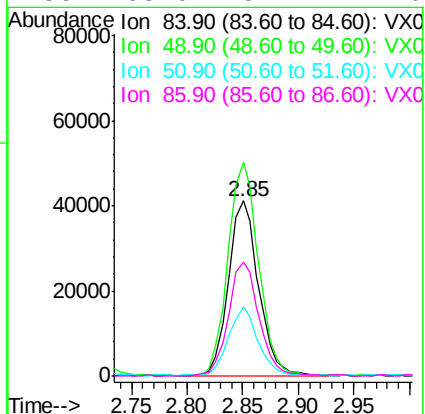
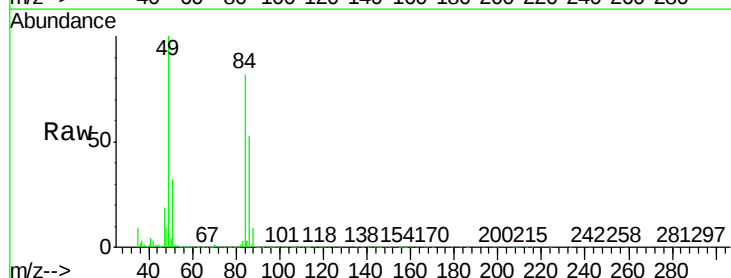
Ion Ratio Lower Upper

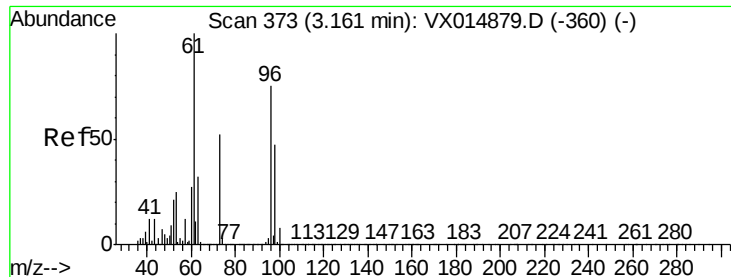
84 100

49 122.0 95.6 143.4

51 38.9 29.0 43.6

86 65.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 17.75 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

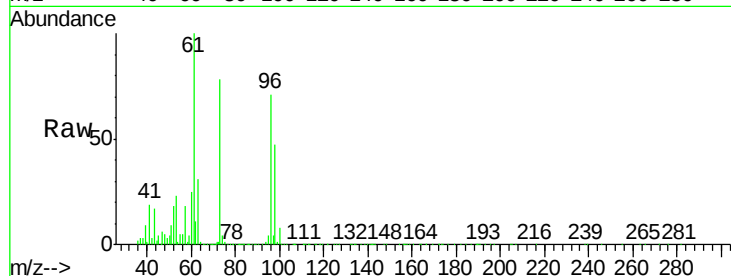
Tgt Ion: 96 Resp: 71002

Ion Ratio Lower Upper

96 100

61 139.3 106.9 160.3

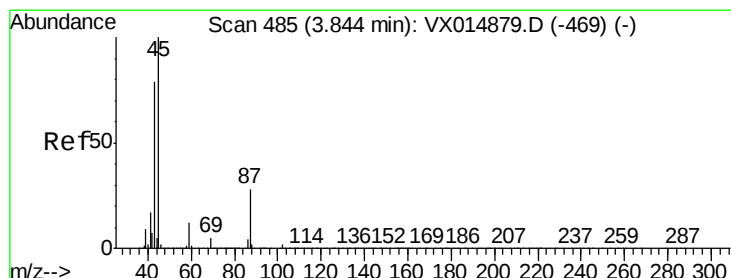
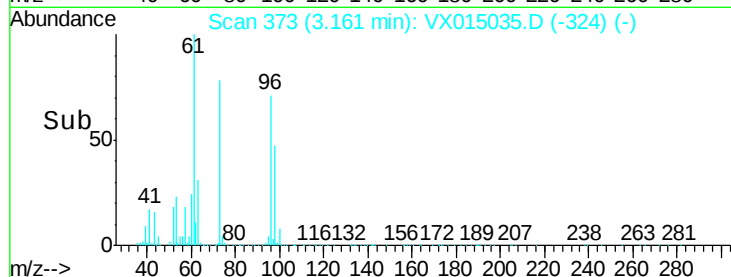
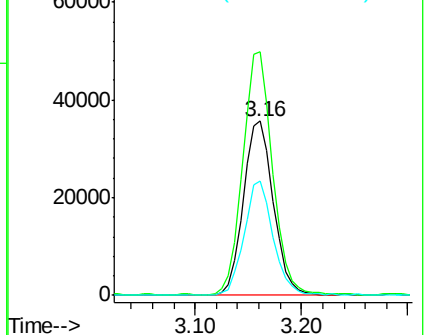
98 65.6 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.62 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion: 45 Resp: 253015

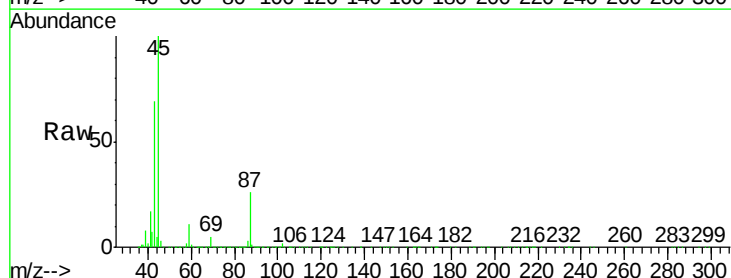
Ion Ratio Lower Upper

45 100

43 68.7 63.5 95.3

87 25.8 22.2 33.4

59 11.2 9.4 14.0

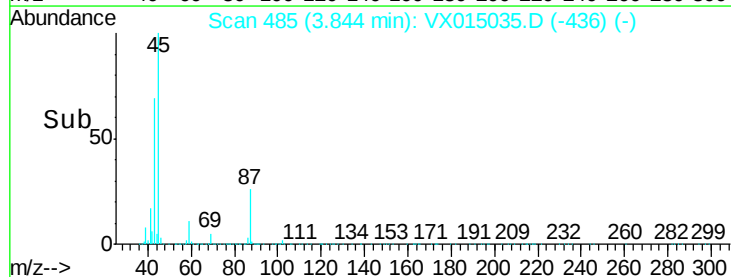
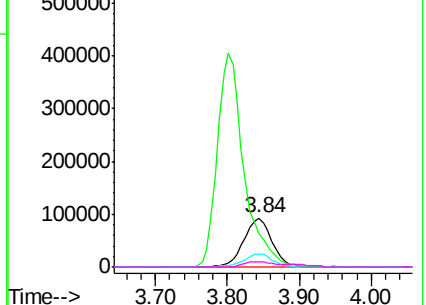


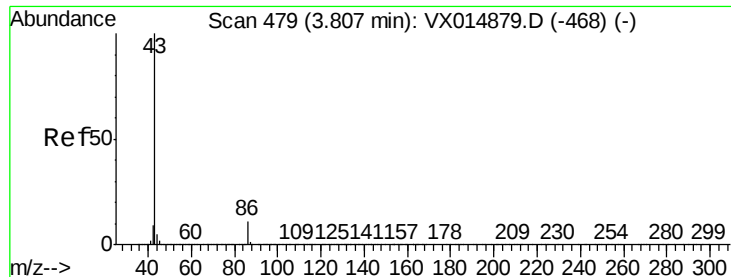
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.58 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

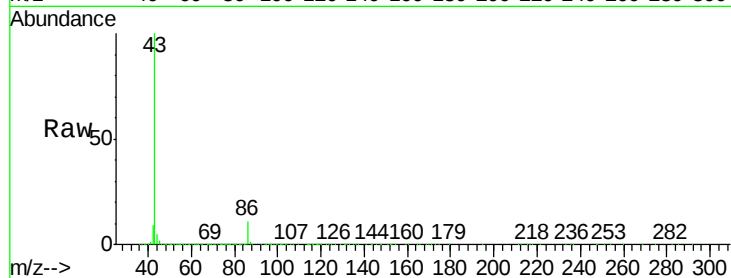
VX0227WBS01

Tgt Ion: 43 Resp: 1047844

Ion Ratio Lower Upper

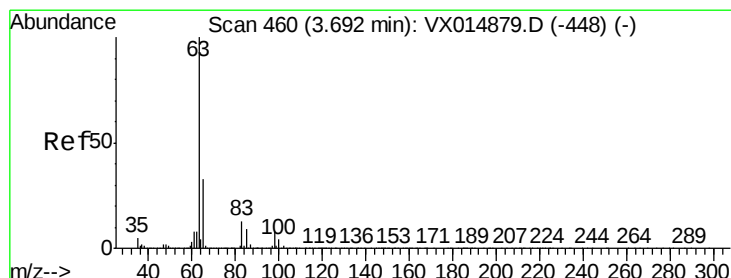
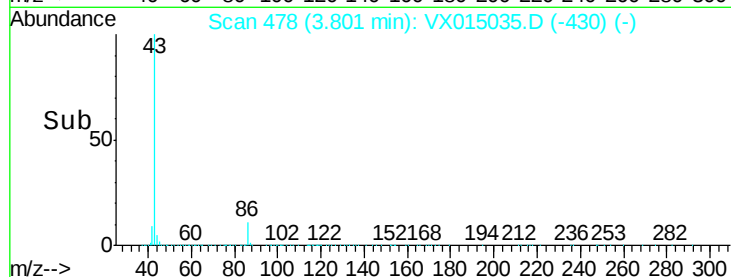
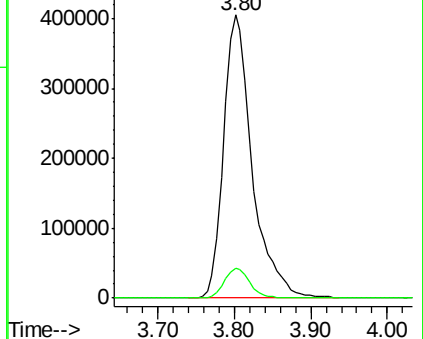
43 100

86 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.38 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

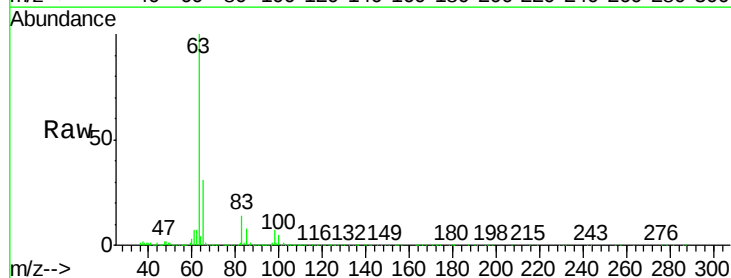
Tgt Ion: 63 Resp: 134227

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

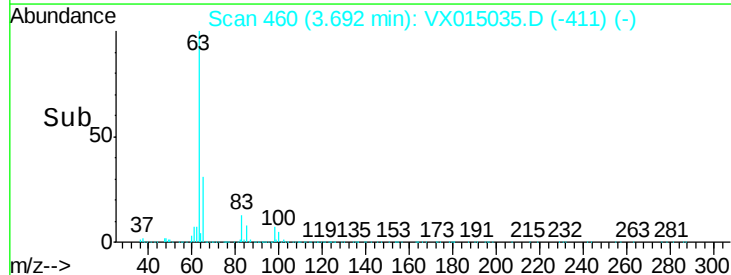
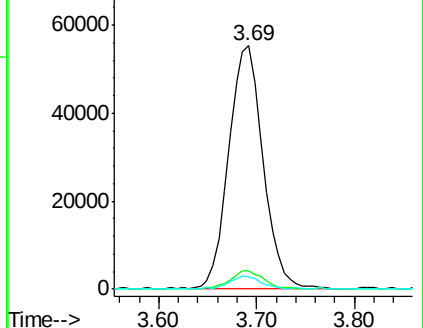
100 4.7 2.2 6.6

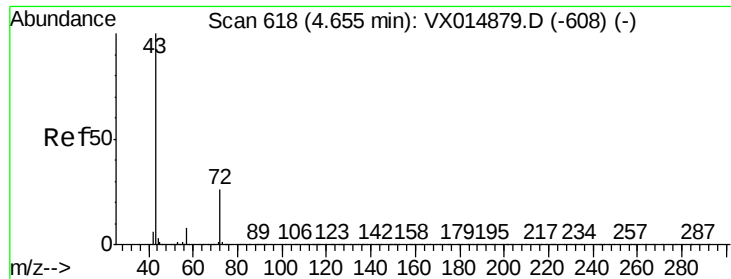


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.97 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

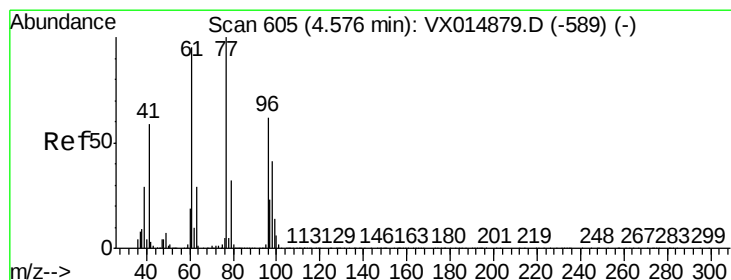
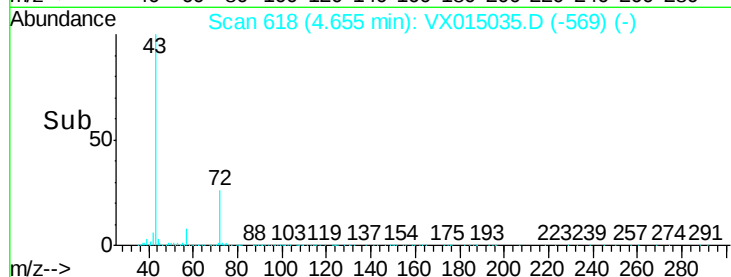
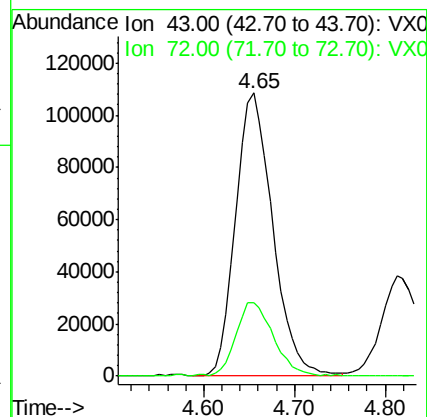
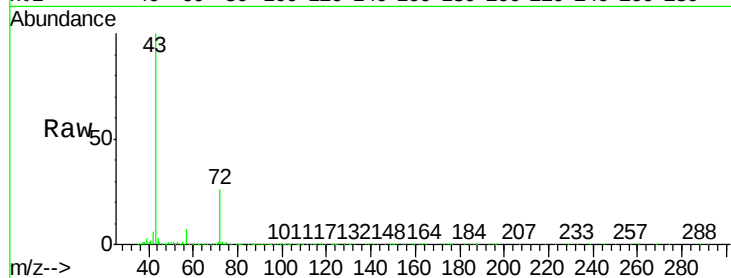
VX0227WBS01

Tgt Ion: 43 Resp: 306742

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.35 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015035.D

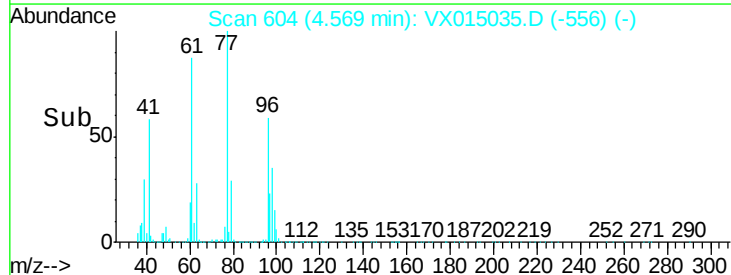
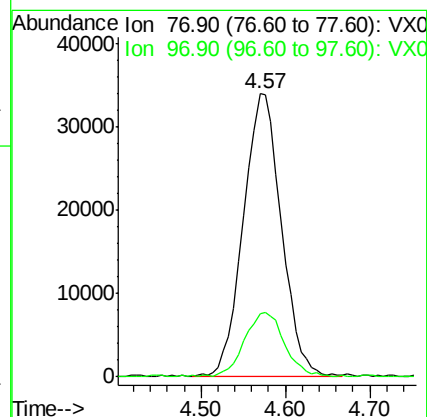
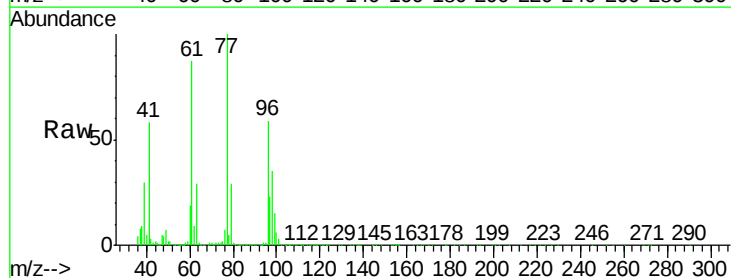
Acq: 27 Feb 2020 09:54

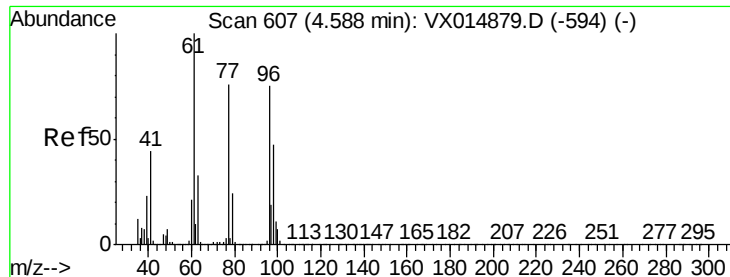
Tgt Ion: 77 Resp: 103567

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.79 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

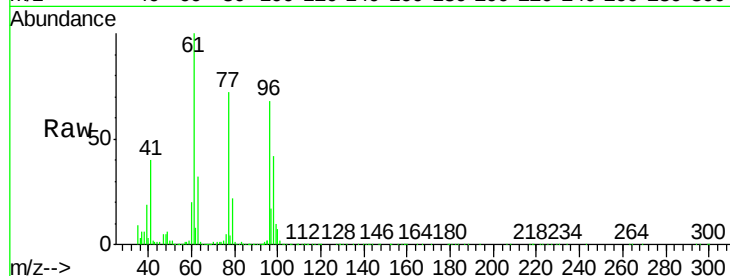
Tgt Ion: 96 Resp: 83984

Ion Ratio Lower Upper

96 100

61 141.3 0.0 286.2

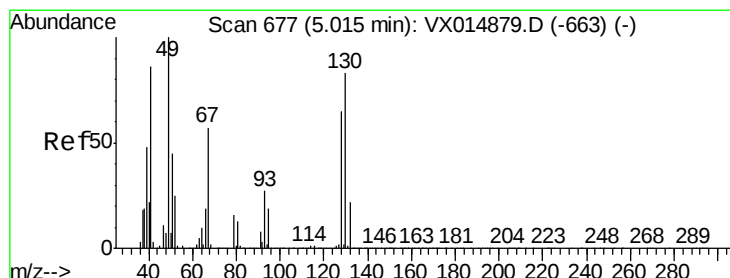
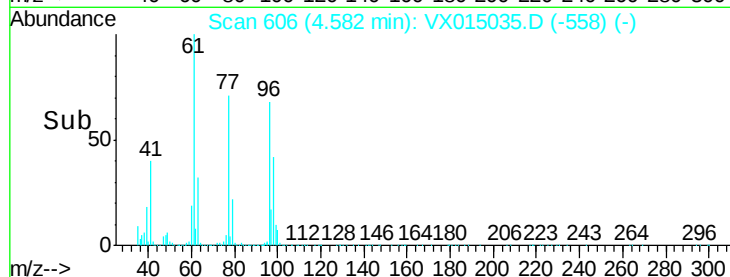
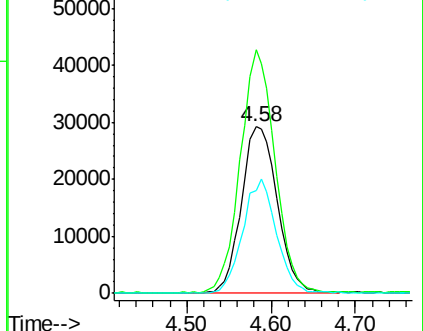
98 63.9 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.82 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

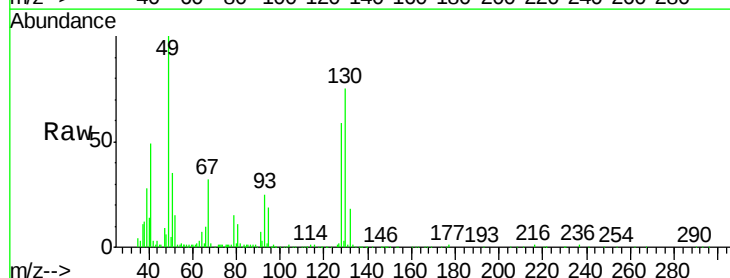
Tgt Ion: 49 Resp: 58577

Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.2

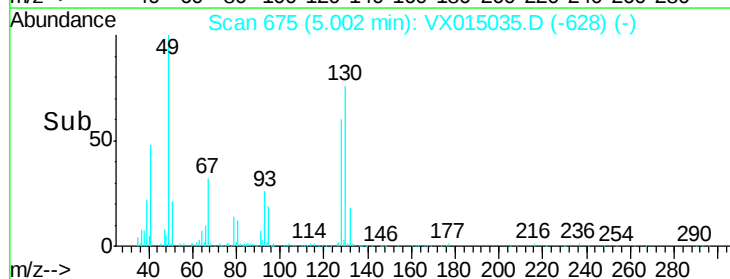
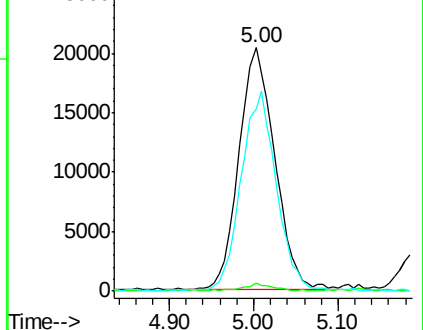
130 81.7 67.4 101.2

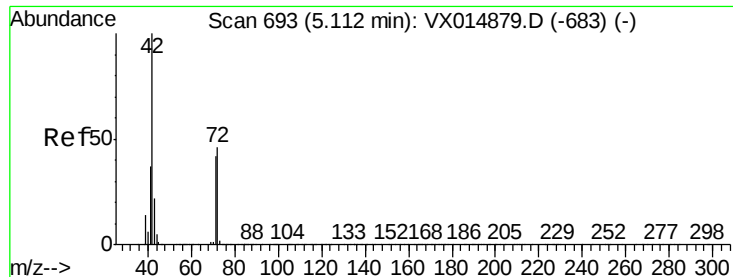


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.57 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

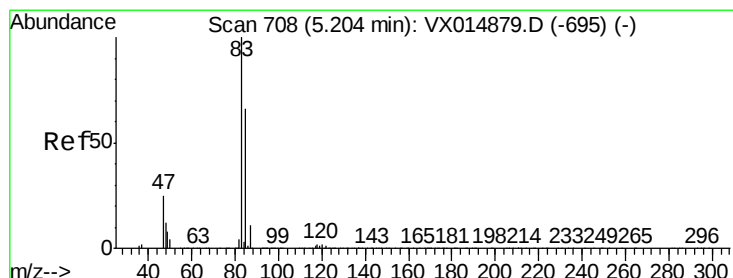
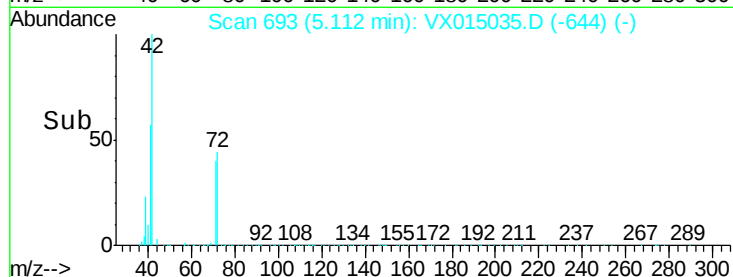
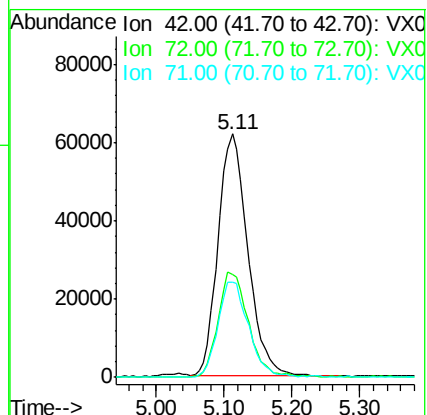
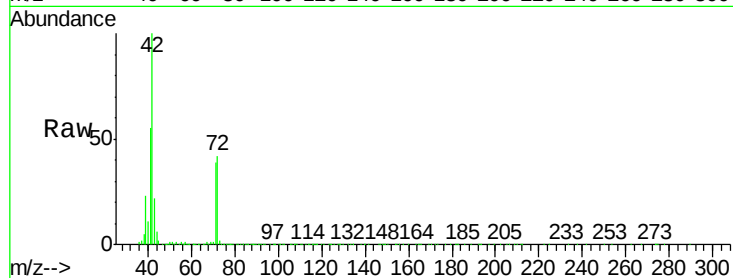
Tgt Ion: 42 Resp: 189227

Ion Ratio Lower Upper

42 100

72 43.7 36.9 55.3

71 39.9 34.1 51.1



#30

Chloroform

Concen: 18.85 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015035.D

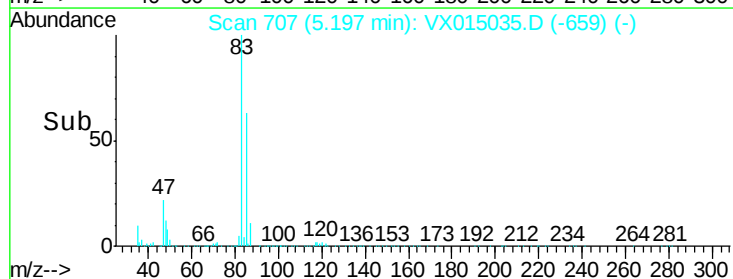
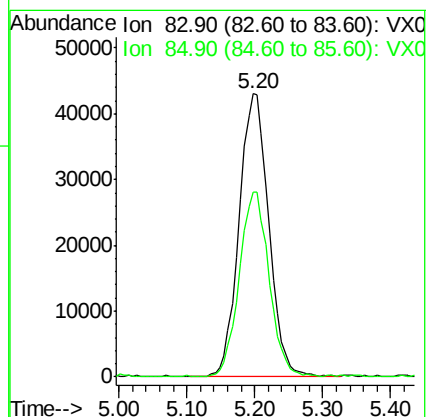
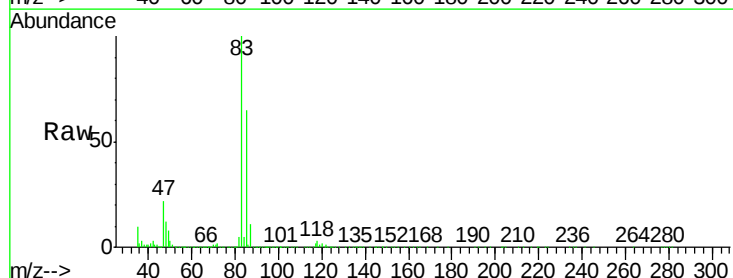
Acq: 27 Feb 2020 09:54

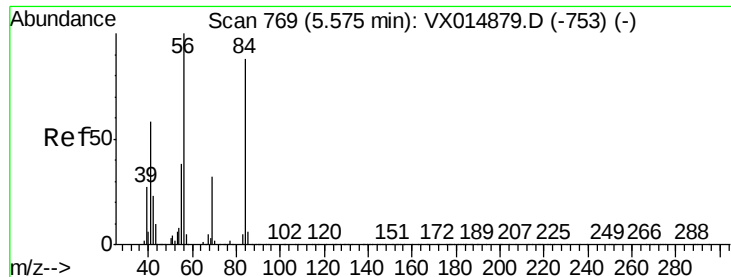
Tgt Ion: 83 Resp: 129542

Ion Ratio Lower Upper

83 100

85 65.1 52.9 79.3

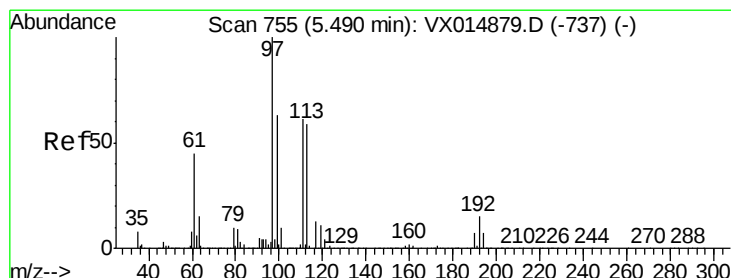
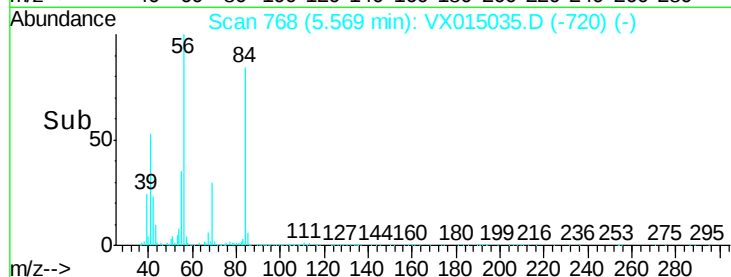
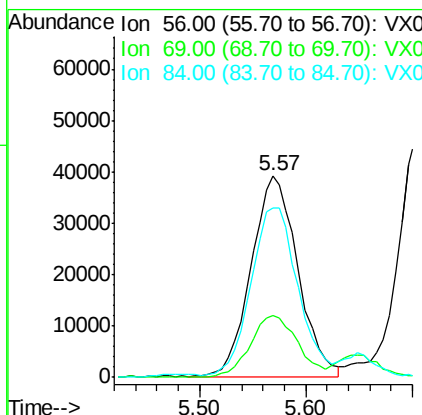
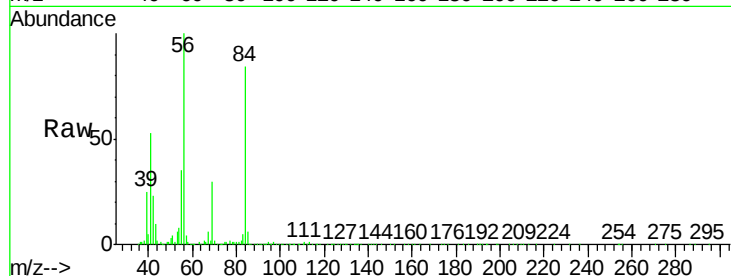




#31
Cyclohexane
Concen: 18.87 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

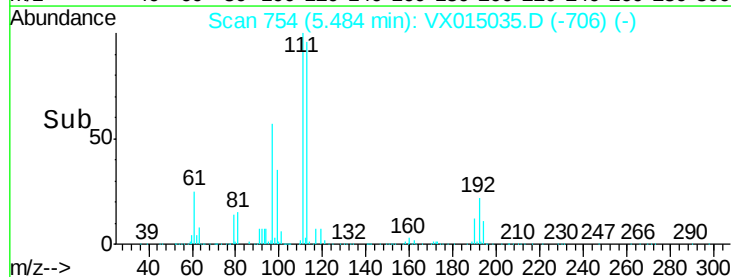
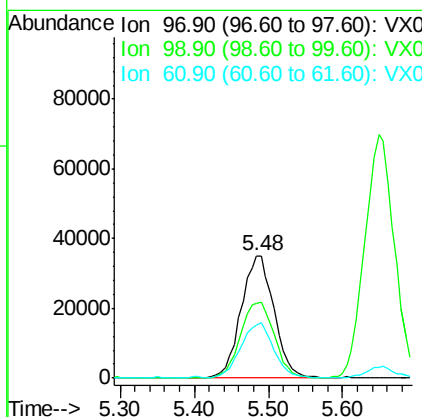
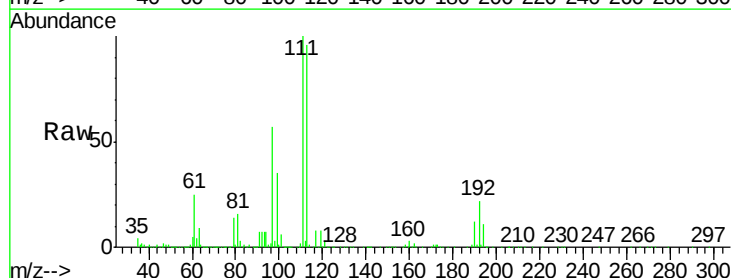
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

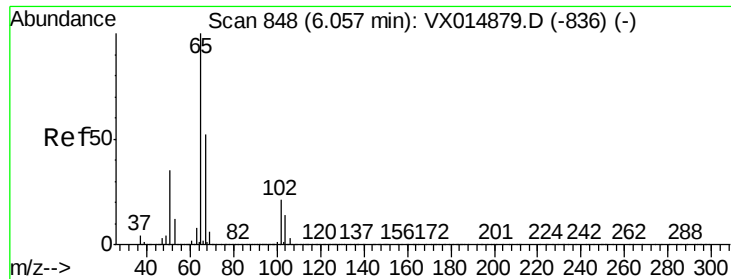
Tgt Ion: 56 Resp: 119021
Ion Ratio Lower Upper
56 100
69 30.3 25.9 38.9
84 82.8 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 18.00 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 97 Resp: 108191
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 44.0 36.3 54.5

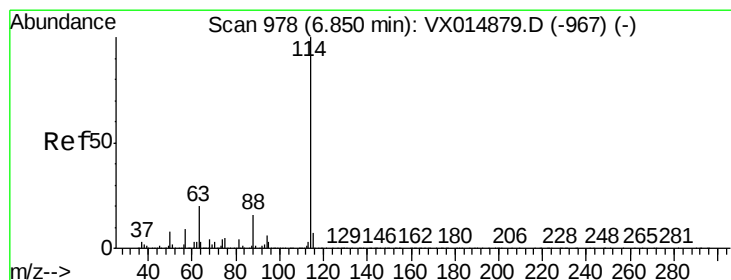
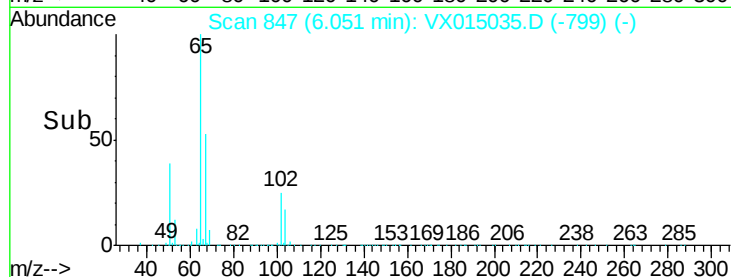
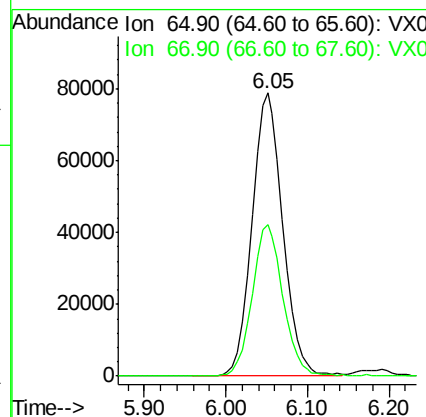
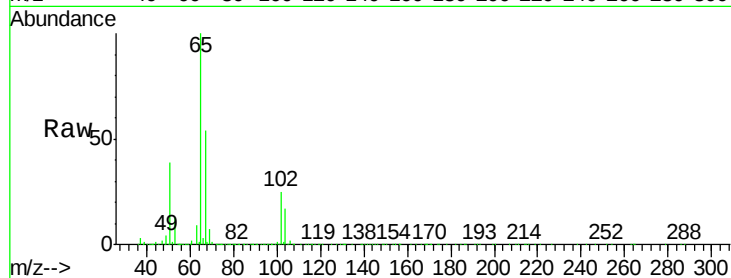




#33
 1,2-Dichloroethane-d4
 Concen: 46.27 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

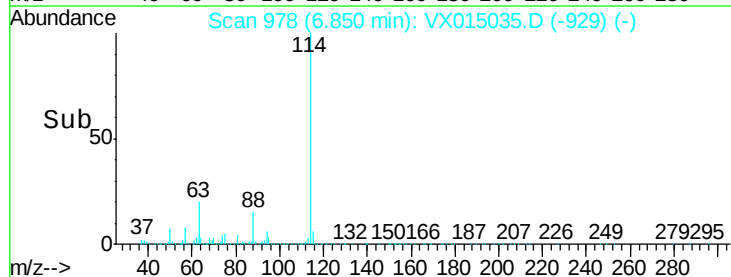
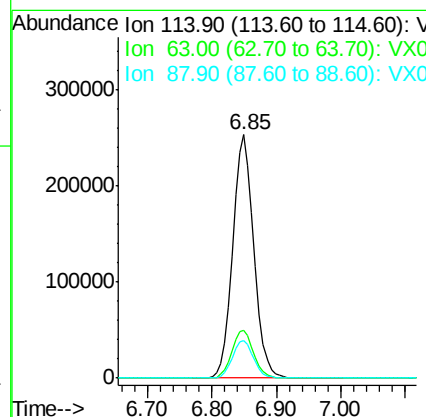
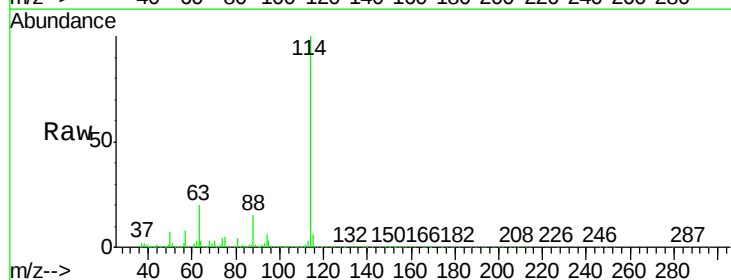
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

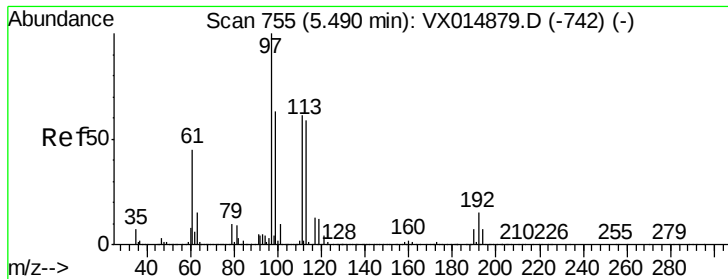
Tgt Ion: 65 Resp: 206489
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion: 114 Resp: 580600
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.31 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

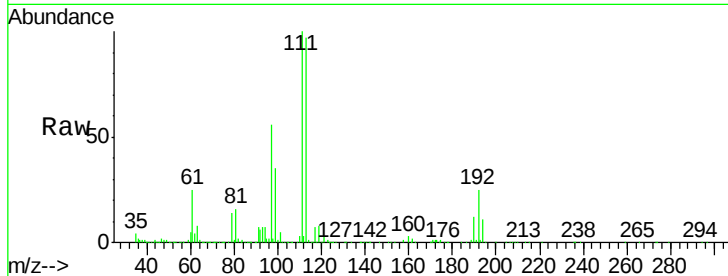
Tgt Ion:113 Resp: 176016

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

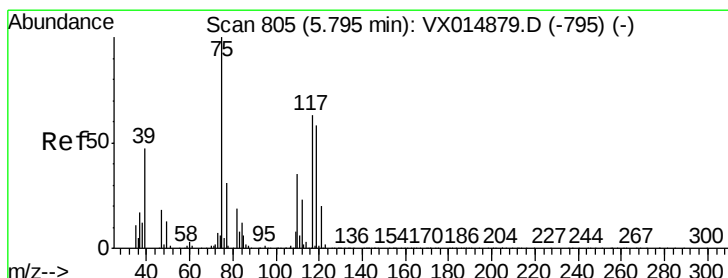
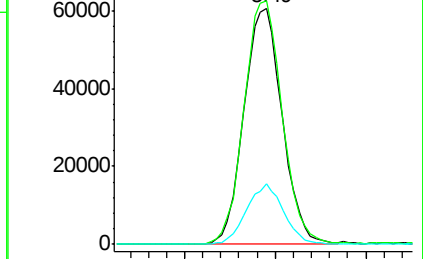
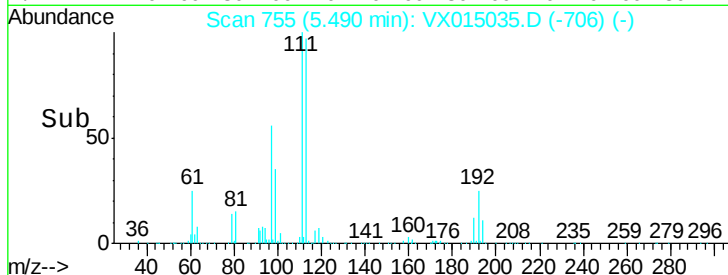
192 25.0 19.1 28.7



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: 18.82 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

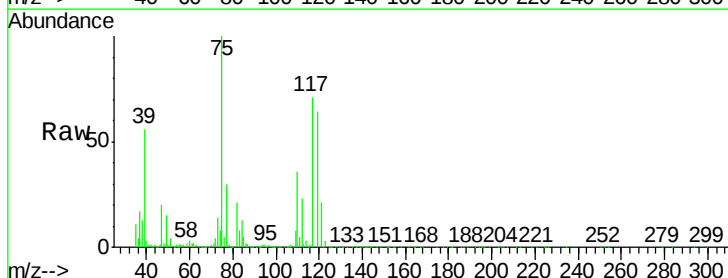
Tgt Ion: 75 Resp: 97756

Ion Ratio Lower Upper

75 100

110 36.9 18.3 54.8

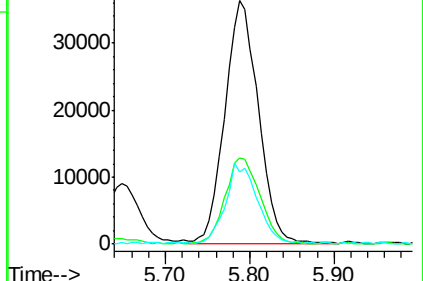
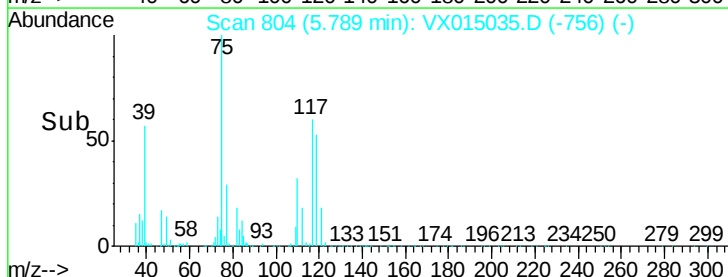
77 31.0 24.6 36.8

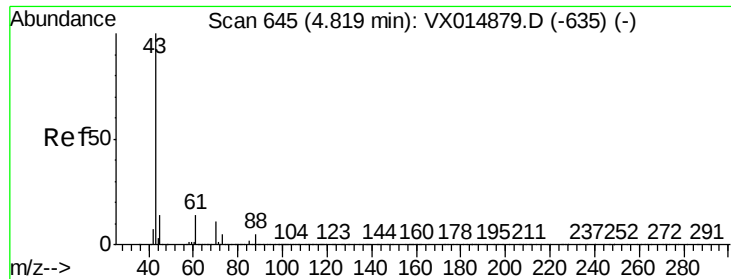


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

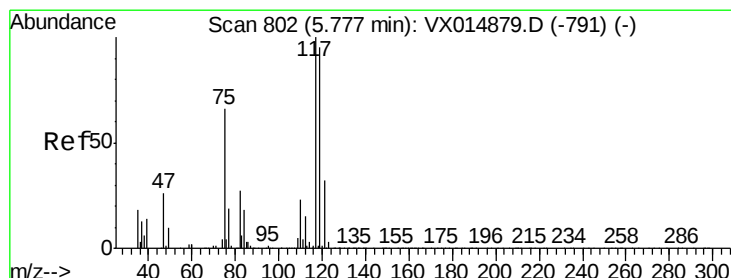
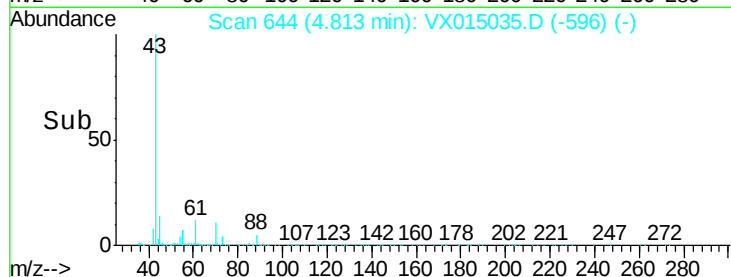
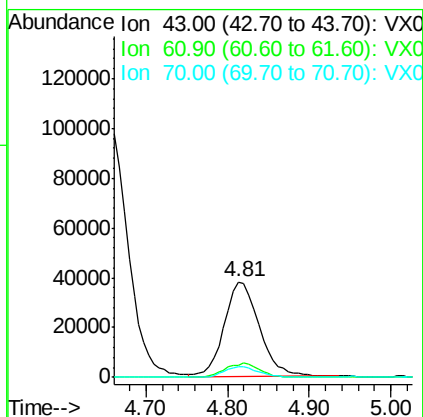
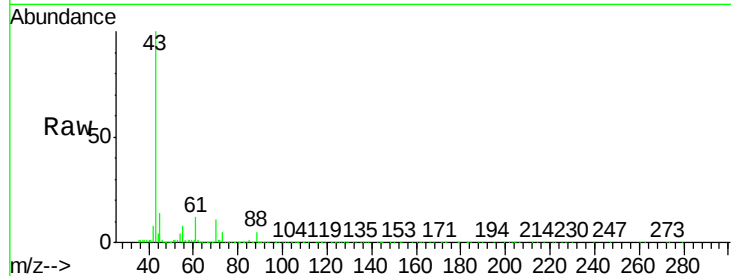




#37
Ethyl Acetate
Concen: 20.92 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

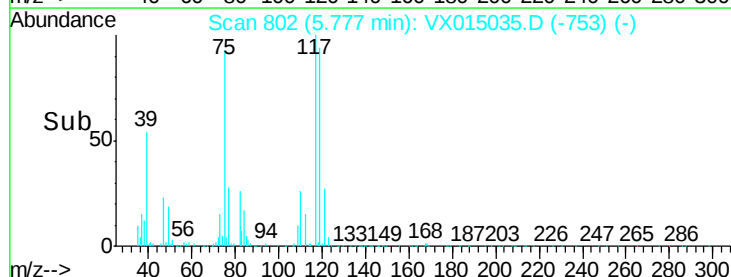
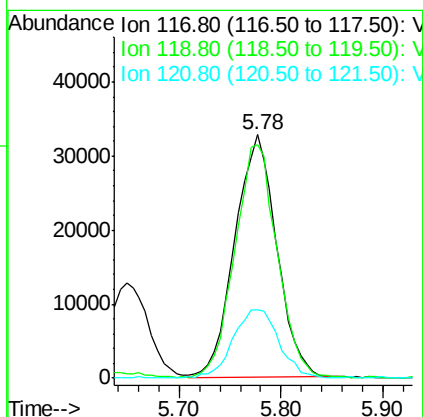
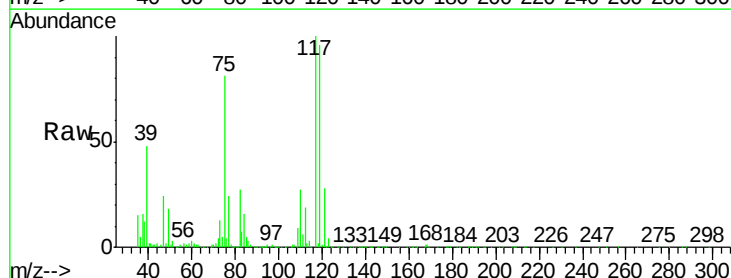
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

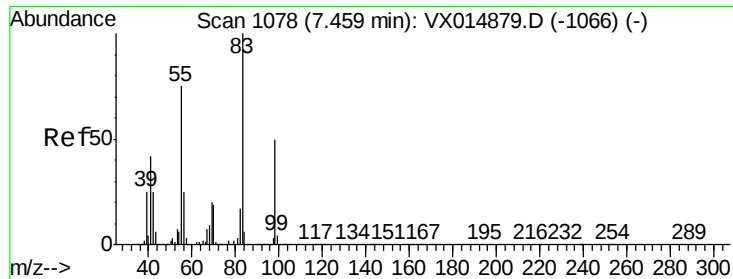
Tgt Ion: 43 Resp: 113306
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.37 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 117 Resp: 92994
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0
121 27.9 25.4 38.2

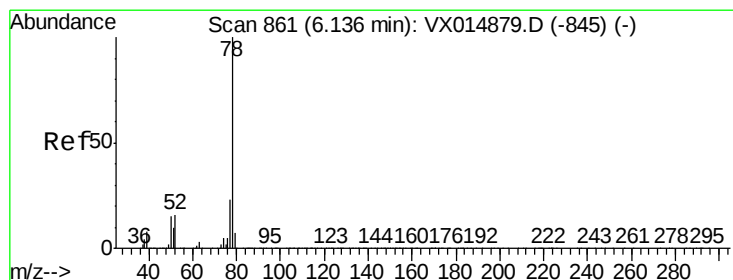
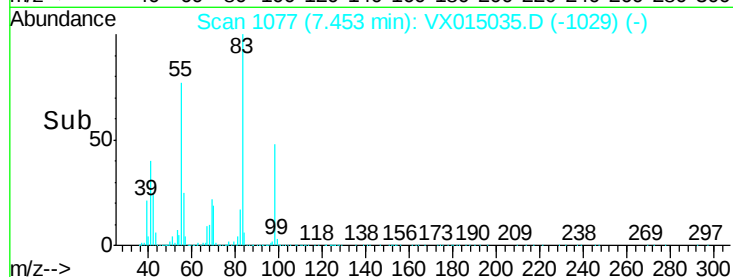
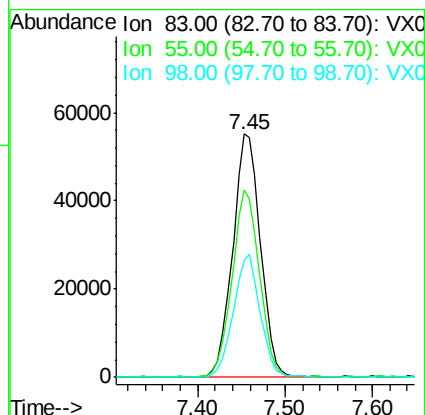
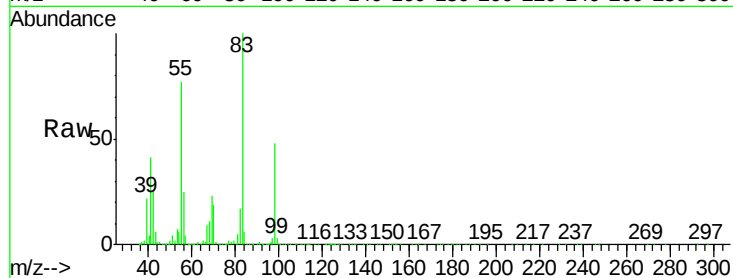




#39
Methylcyclohexane
Concen: 18.67 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

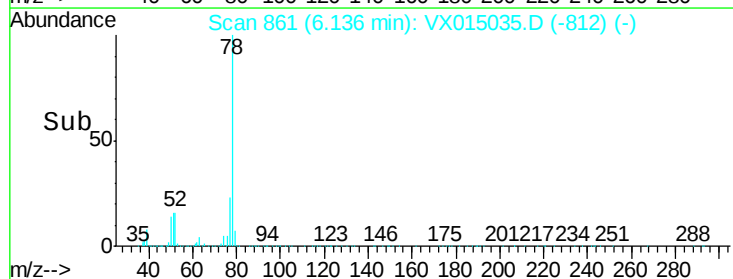
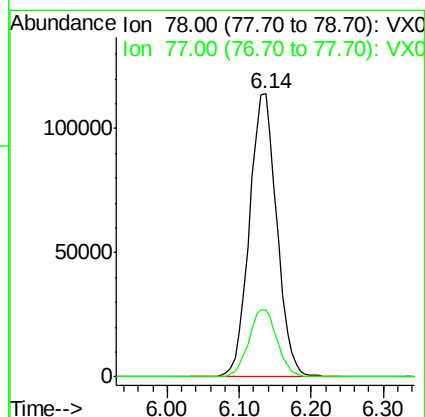
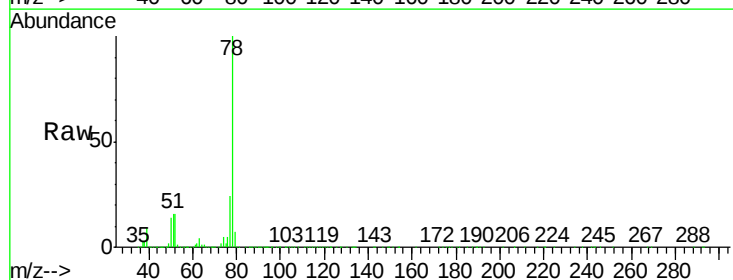
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

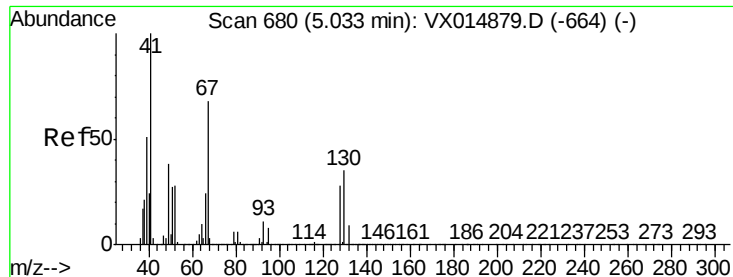
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.0	90.0
98	48.1	39.6	59.4



#40
Benzene
Concen: 19.45 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





#41

Methacrylonitrile

Concen: 21.57 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 41 Resp: 62955

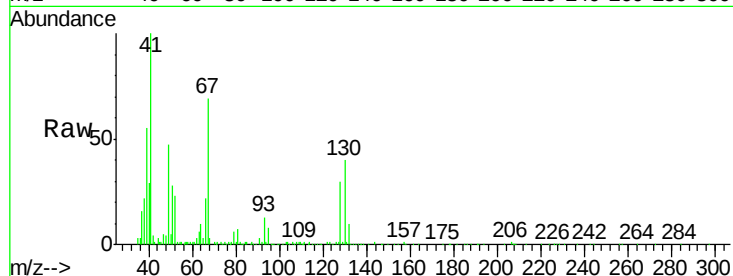
Ion Ratio Lower Upper

41 100

39 53.3 44.7 67.1

67 73.1 56.6 84.8

52 27.5 22.3 33.5

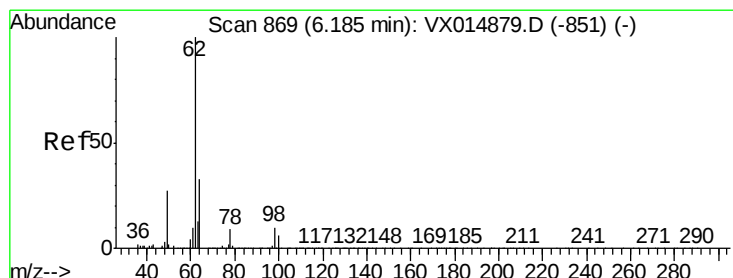
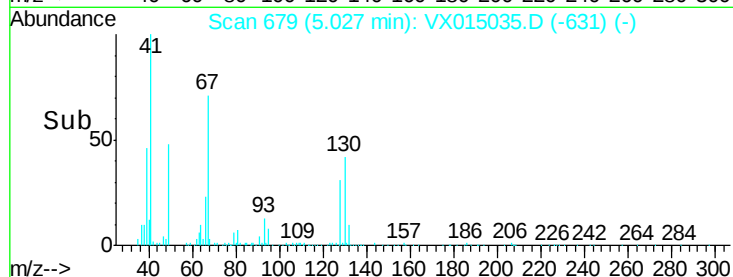
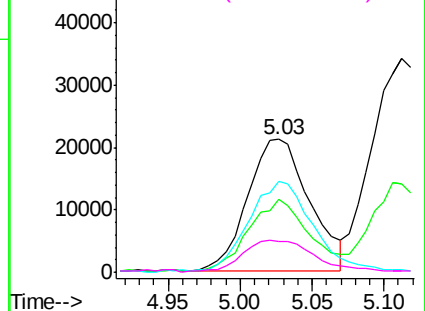


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.29 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015035.D

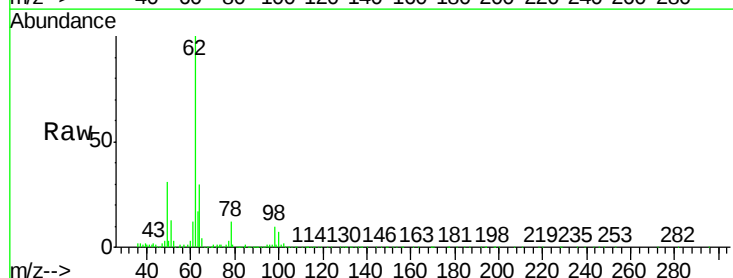
Acq: 27 Feb 2020 09:54

Tgt Ion: 62 Resp: 102556

Ion Ratio Lower Upper

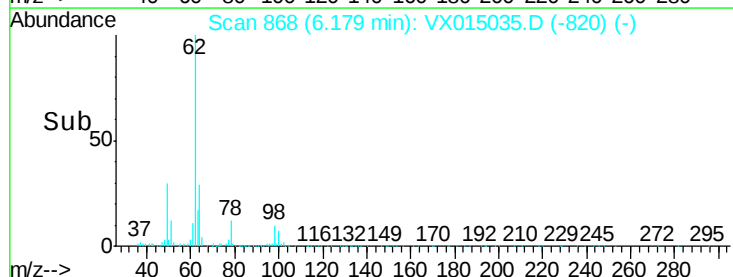
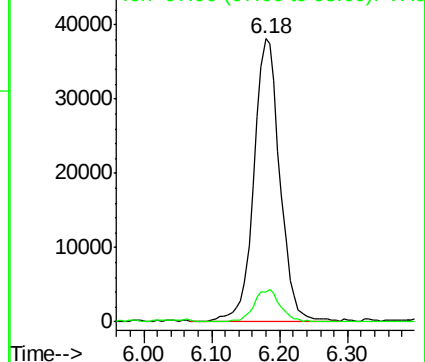
62 100

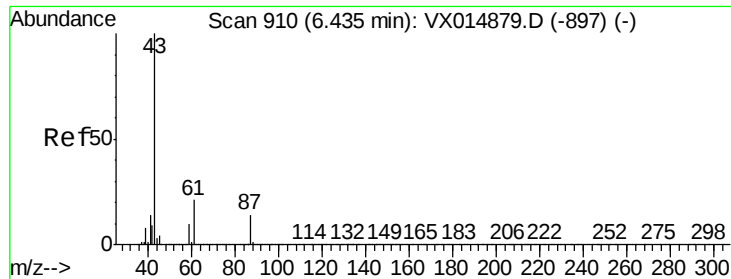
98 11.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.41 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

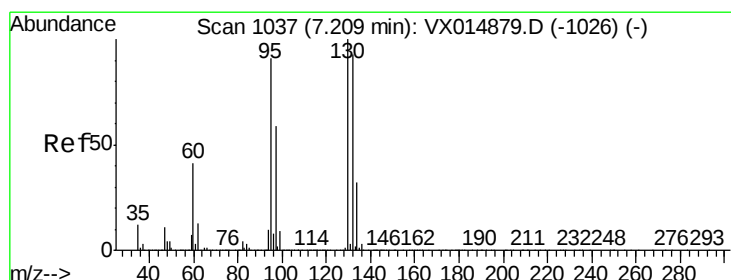
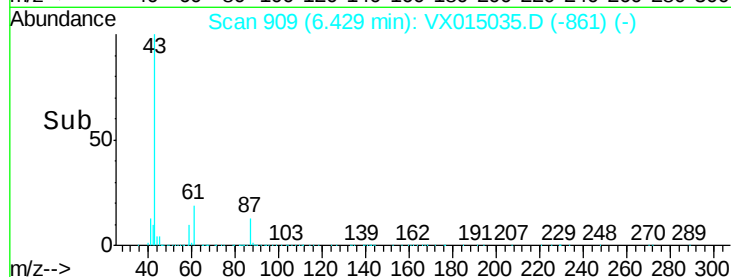
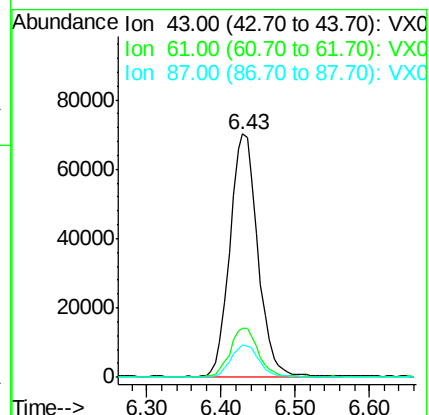
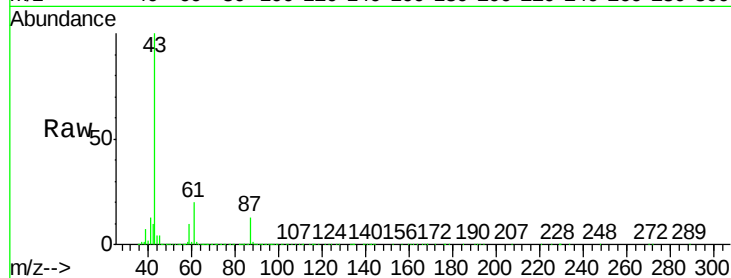
Tgt Ion: 43 Resp: 182365

Ion Ratio Lower Upper

43 100

61 20.5 16.2 24.4

87 14.0 11.0 16.6



#44

Trichloroethene

Concen: 18.81 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015035.D

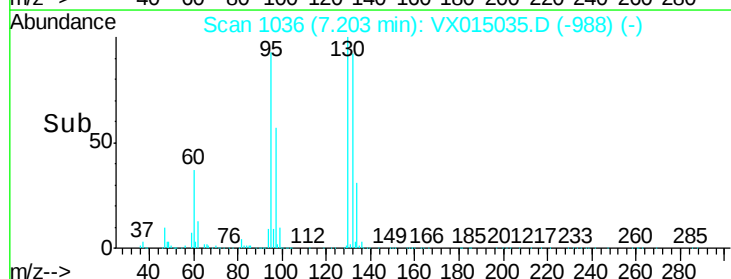
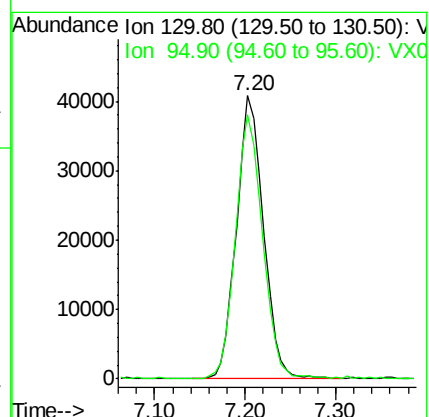
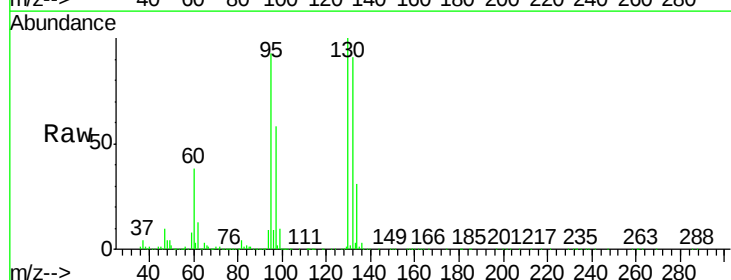
Acq: 27 Feb 2020 09:54

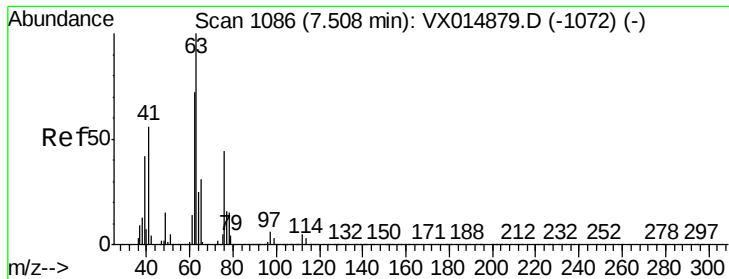
Tgt Ion: 130 Resp: 84717

Ion Ratio Lower Upper

130 100

95 93.1 0.0 182.6





#45

1,2-Dichloropropane

Concen: 20.57 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

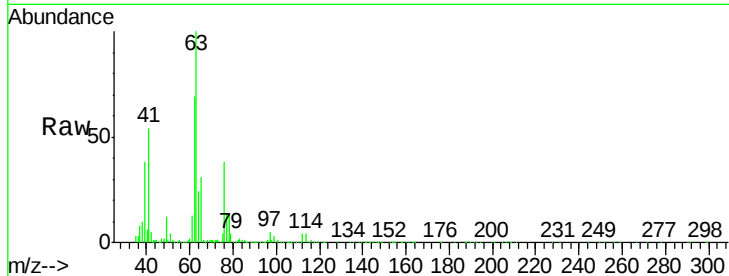
VX0227WBS01

Tgt Ion: 63 Resp: 81405

Ion Ratio Lower Upper

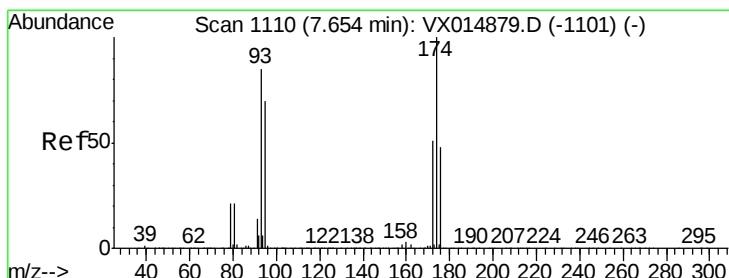
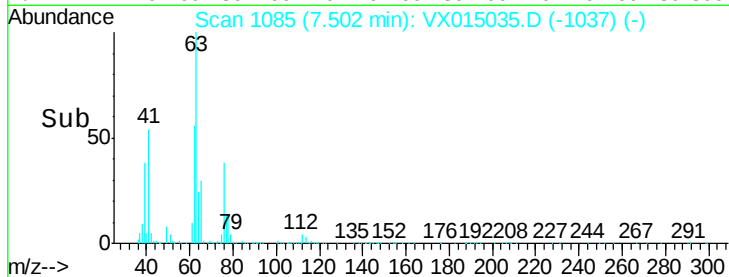
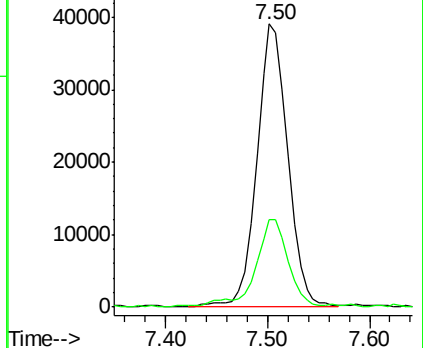
63 100

65 30.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.21 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

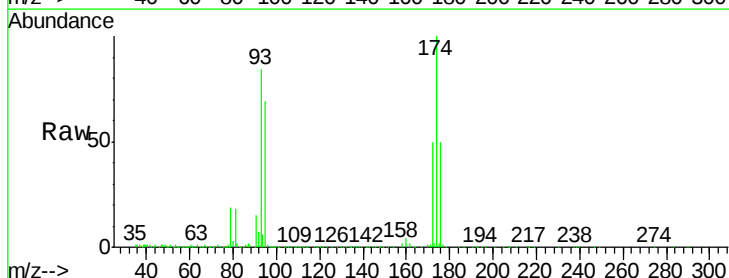
Tgt Ion: 93 Resp: 51979

Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

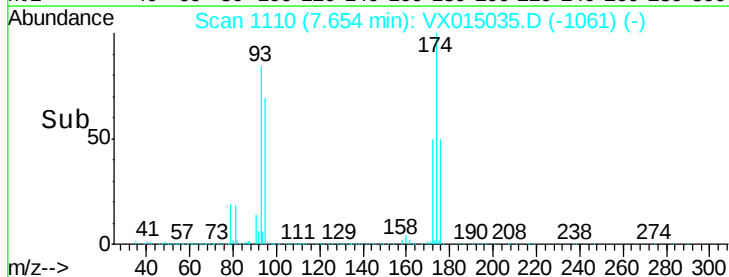
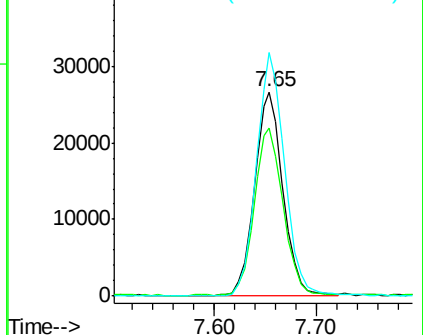
174 118.2 95.4 143.2

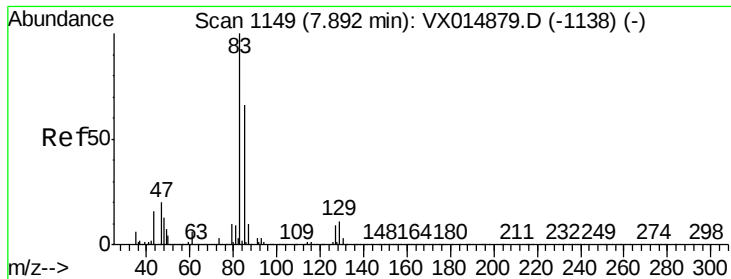


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.98 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

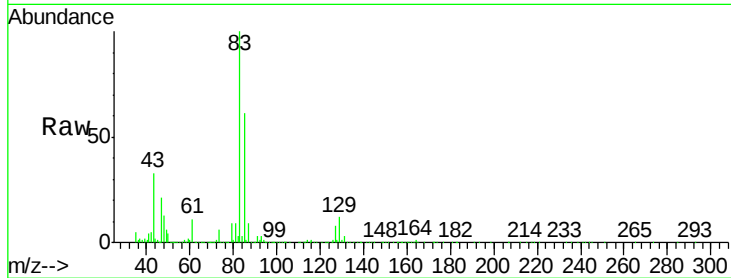
Tgt Ion: 83 Resp: 101797

Ion Ratio Lower Upper

83 100

85 61.3 52.5 78.7

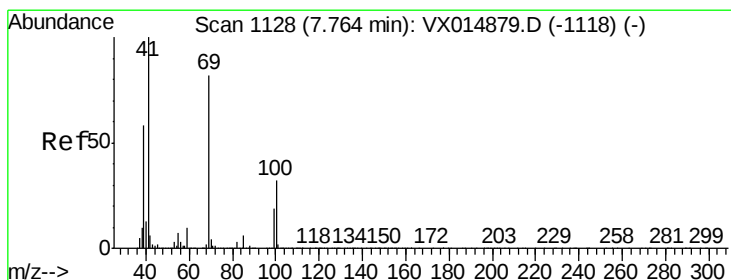
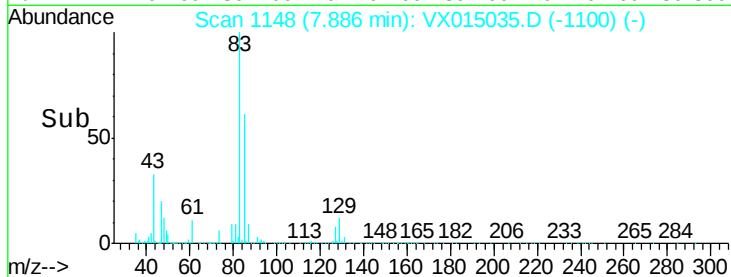
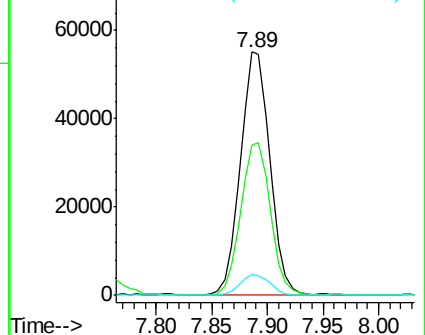
127 8.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.45 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

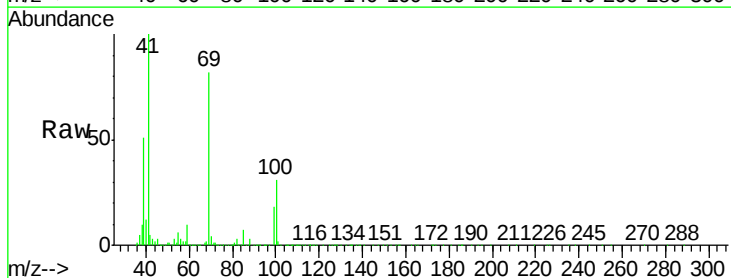
Tgt Ion: 41 Resp: 89934

Ion Ratio Lower Upper

41 100

69 81.1 65.7 98.5

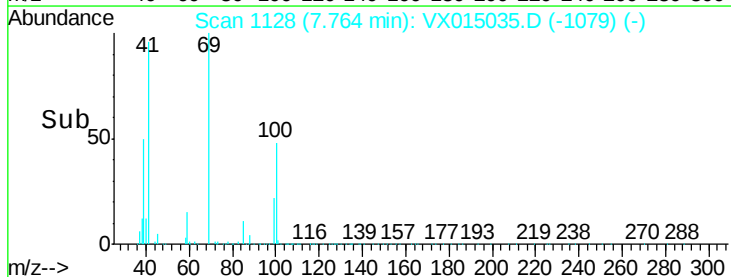
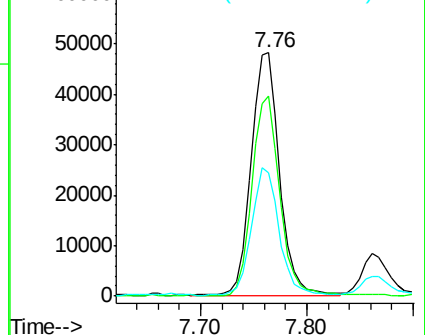
39 51.0 45.8 68.8

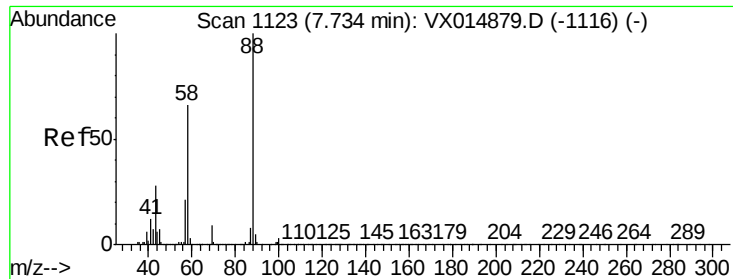


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

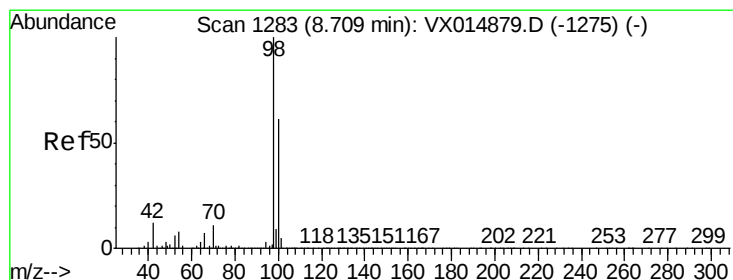
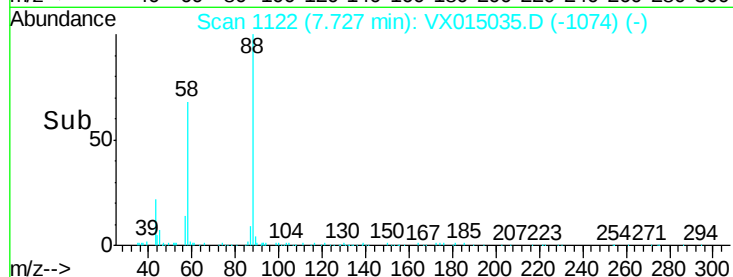
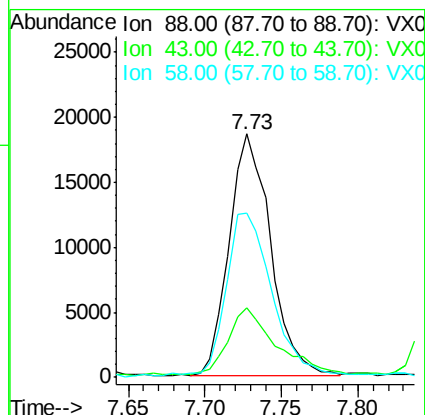
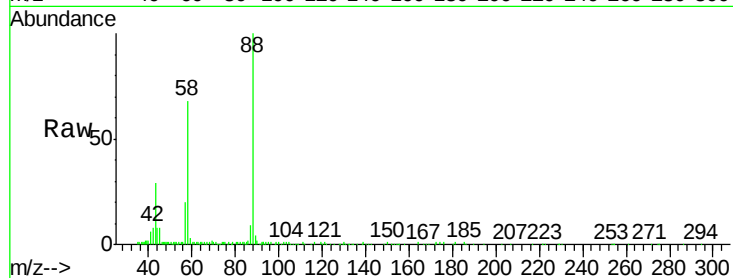




#49
1,4-Dioxane
Concen: 429.34 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

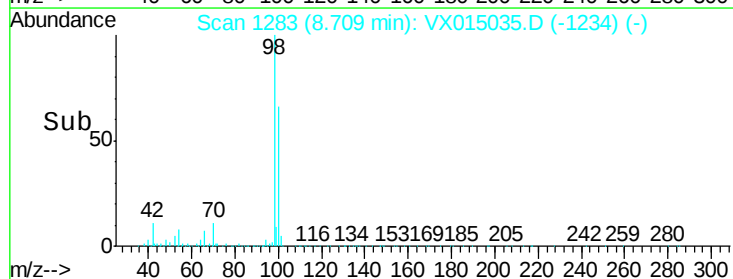
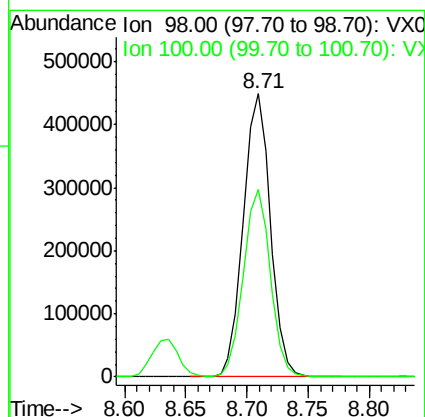
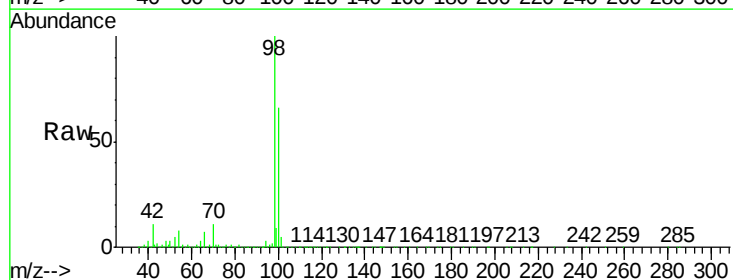
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

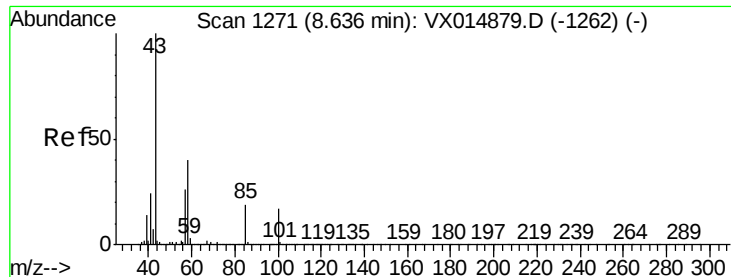
Tgt Ion: 88 Resp: 35301
Ion Ratio Lower Upper
88 100
43 31.8 27.0 40.4
58 76.7 53.2 79.8



#50
Toluene-d8
Concen: 50.64 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 98 Resp: 689917
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

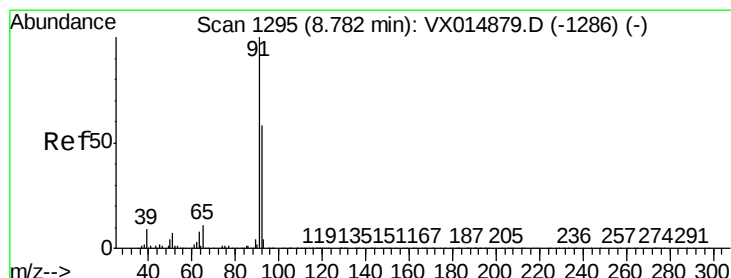
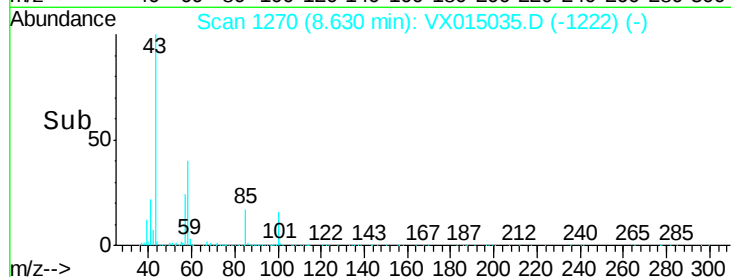
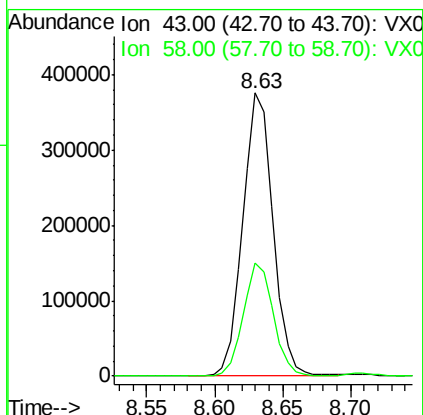
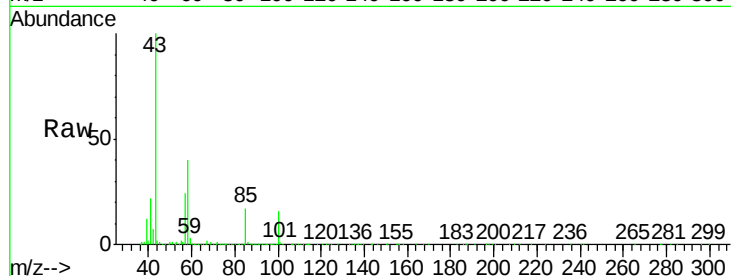




#51
4-Methyl-2-Pentanone
Concen: 108.17 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

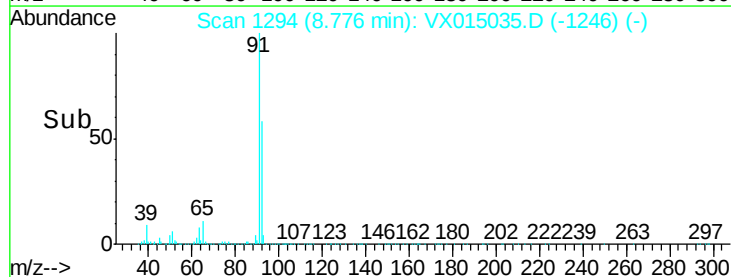
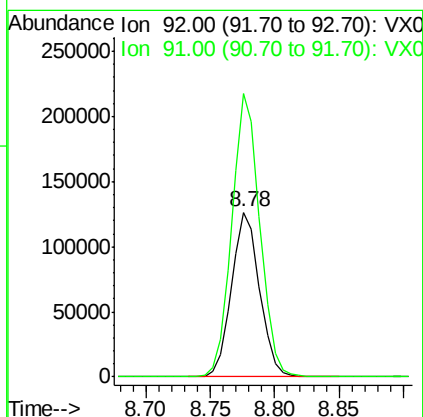
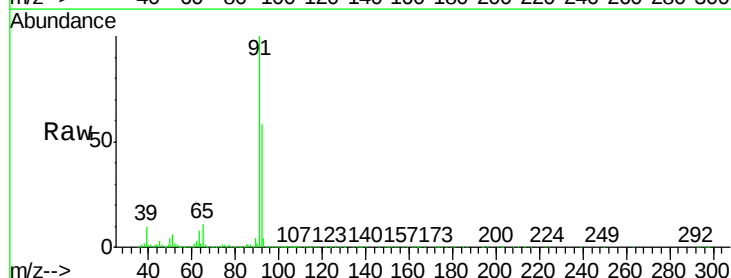
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

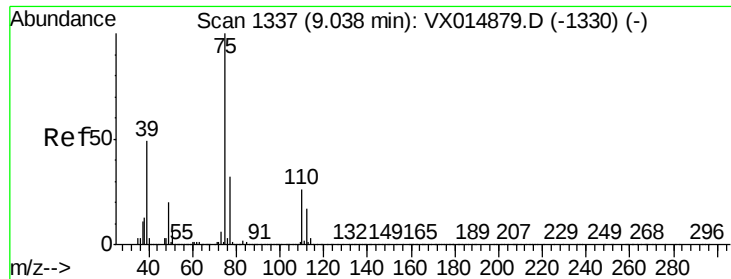
Tgt Ion: 43 Resp: 583661
Ion Ratio Lower Upper
43 100
58 39.6 31.9 47.9



#52
Toluene
Concen: 19.53 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 92 Resp: 192437
Ion Ratio Lower Upper
92 100
91 170.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.56 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

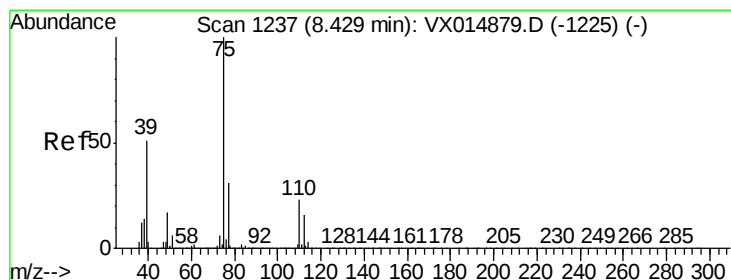
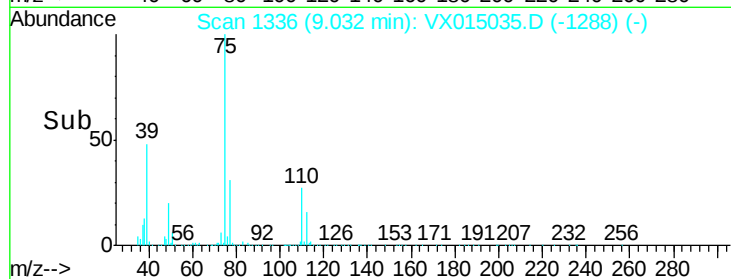
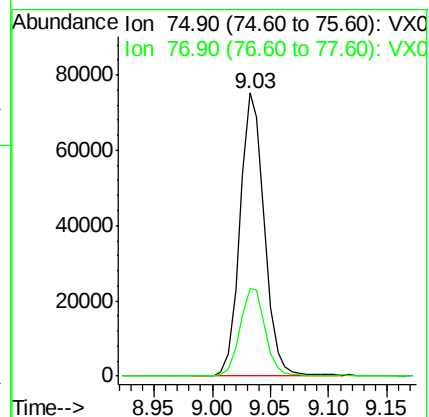
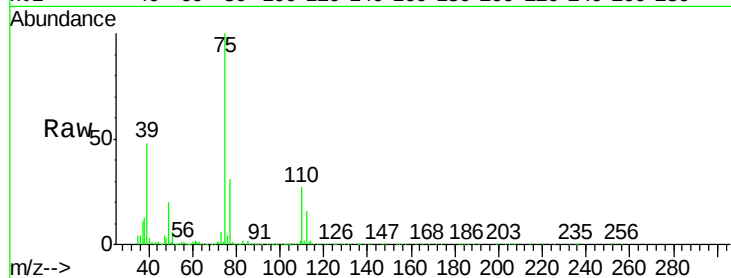
VX0227WBS01

Tgt Ion: 75 Resp: 109084

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.29 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

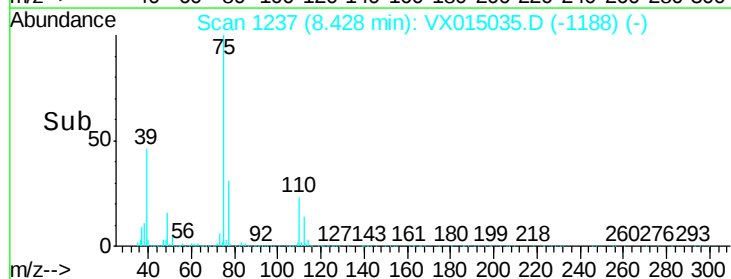
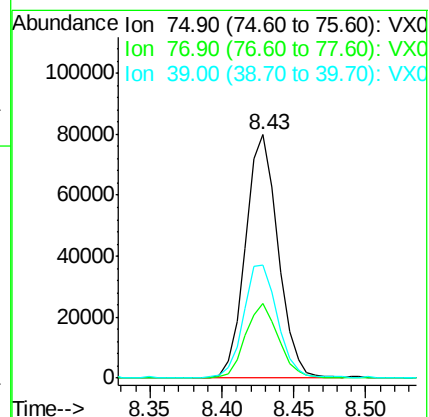
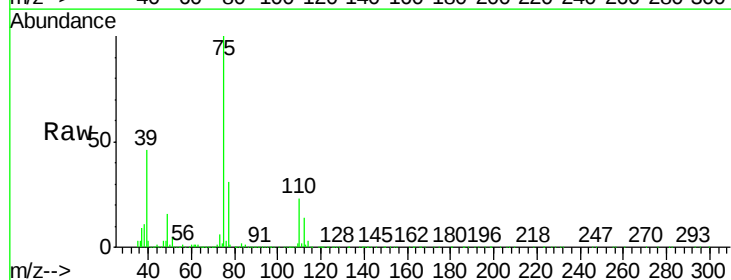
Tgt Ion: 75 Resp: 125291

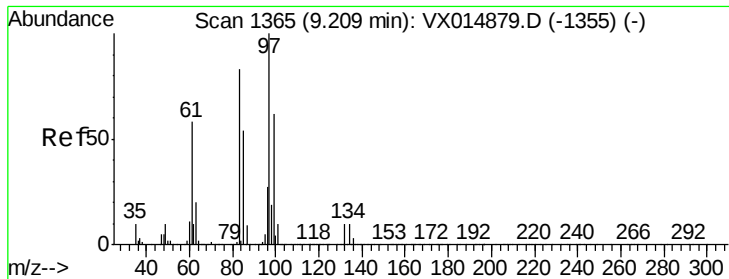
Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 45.9 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 20.36 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

Tgt Ion: 97 Resp: 81200

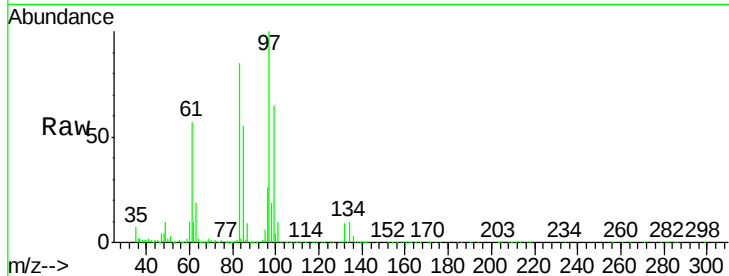
Ion Ratio Lower Upper

97 100

83 84.8 66.6 99.8

85 54.5 43.5 65.3

99 64.6 49.6 74.4

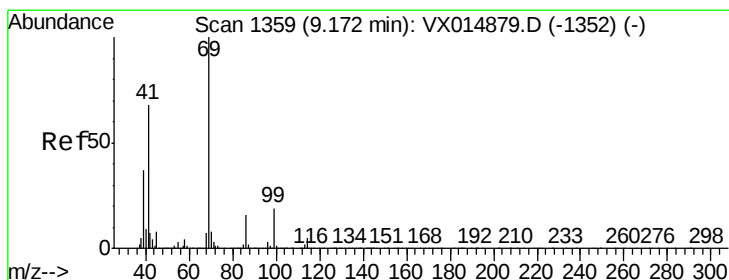
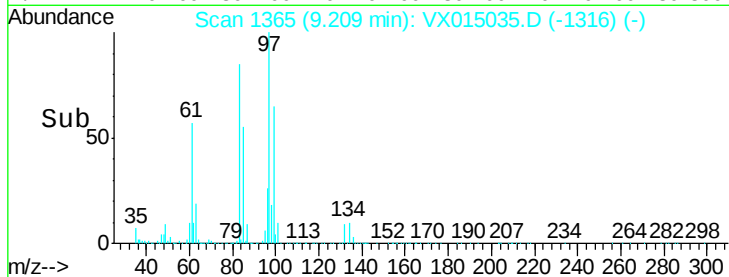
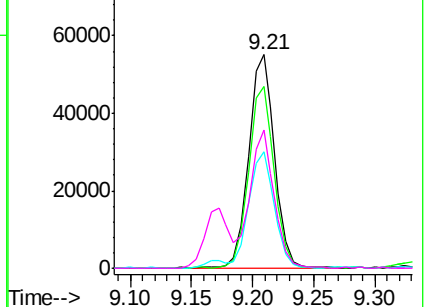


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.03 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

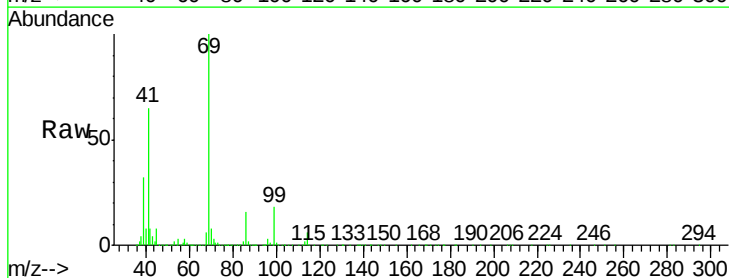
Tgt Ion: 69 Resp: 120081

Ion Ratio Lower Upper

69 100

41 68.7 54.8 82.2

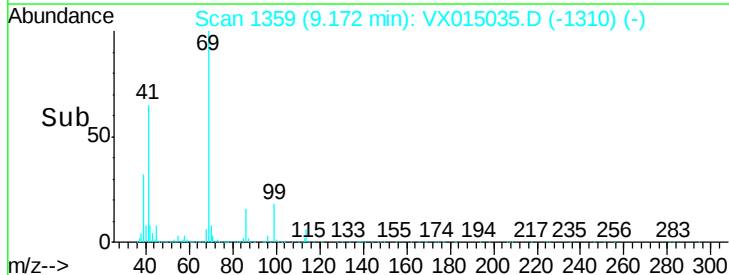
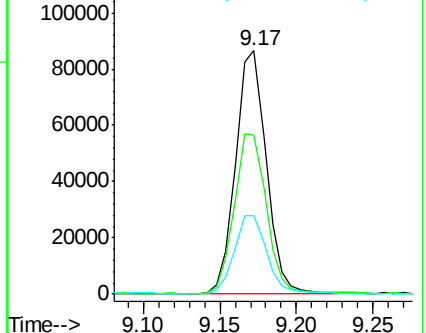
39 33.5 29.9 44.9

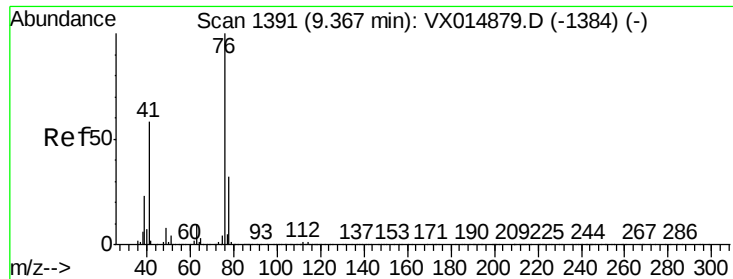


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.96 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

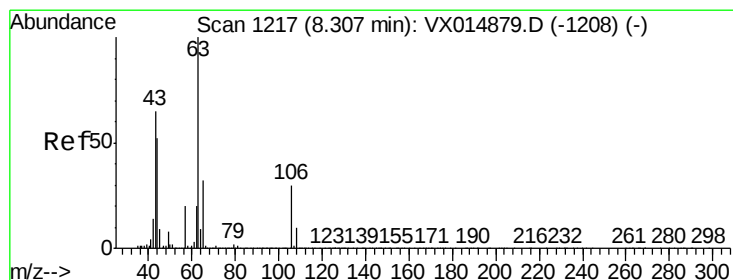
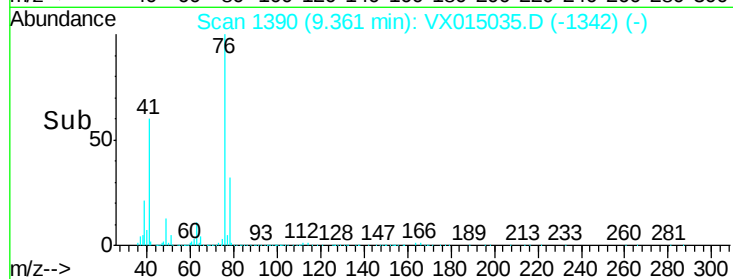
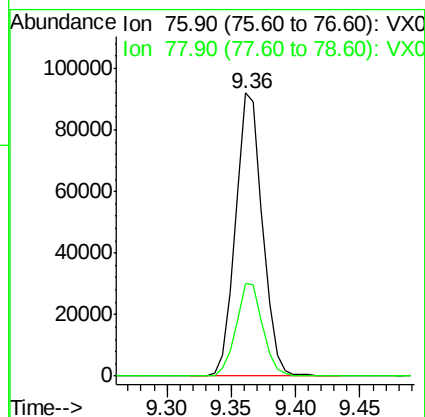
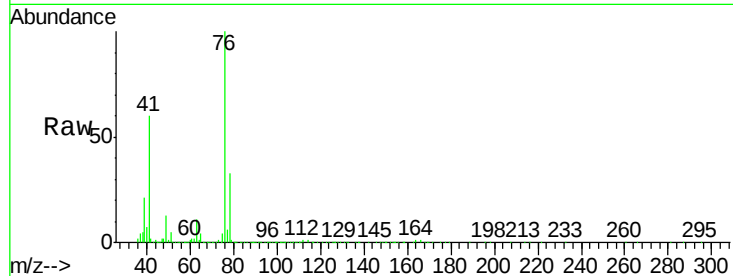
VX0227WBS01

Tgt Ion: 76 Resp: 133955

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.67 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015035.D

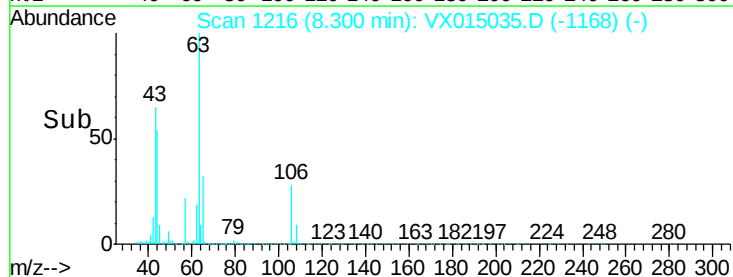
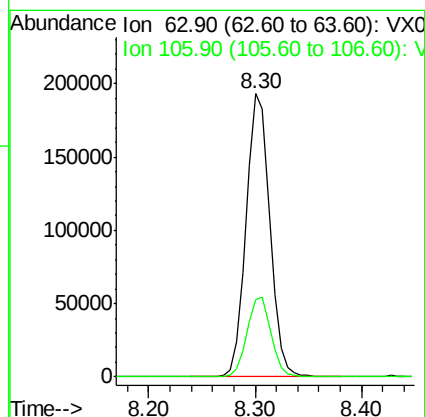
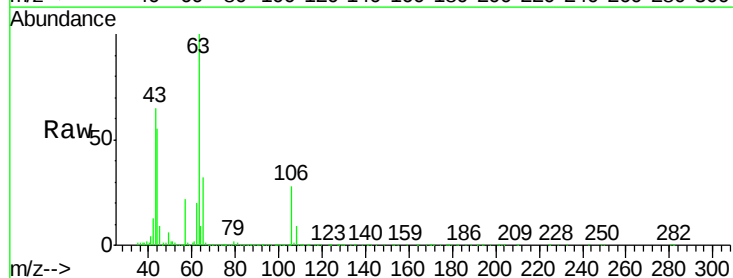
Acq: 27 Feb 2020 09:54

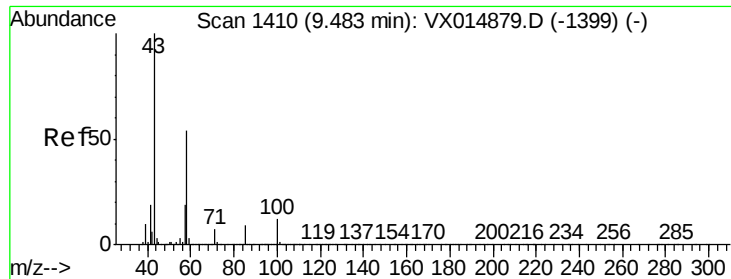
Tgt Ion: 63 Resp: 303017

Ion Ratio Lower Upper

63 100

106 28.6 23.8 35.8

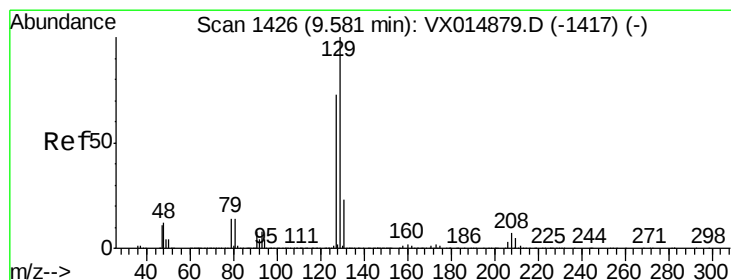
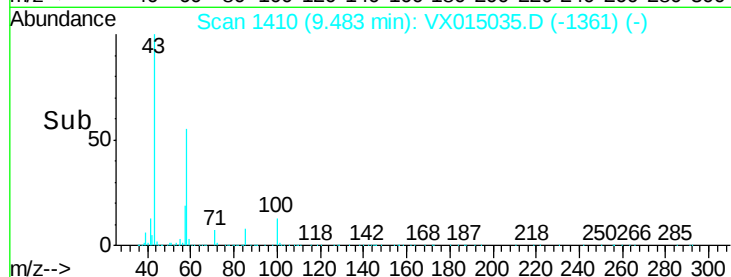
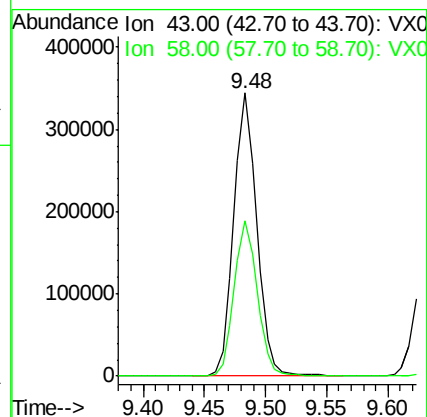
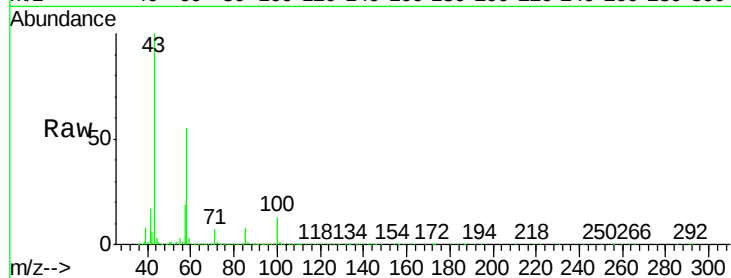




#59
2-Hexanone
Concen: 105.55 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

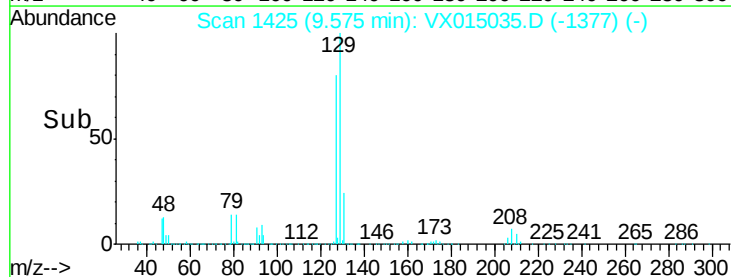
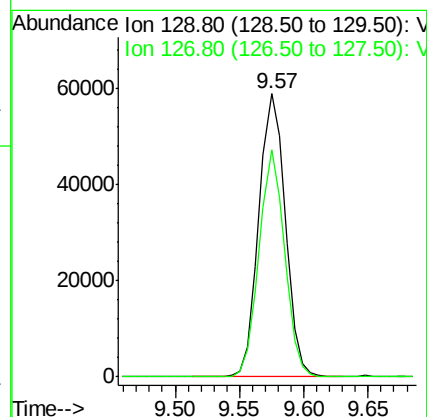
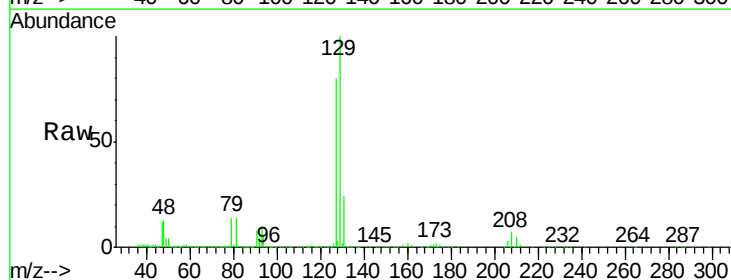
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

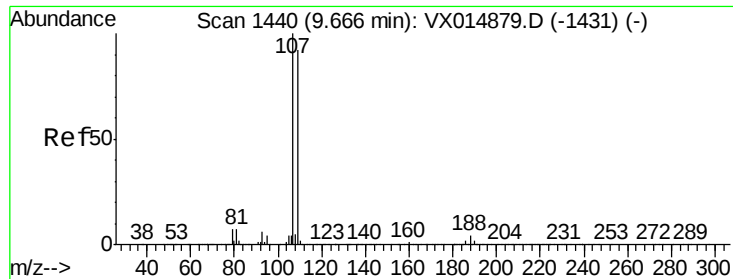
Tgt Ion: 43 Resp: 447629
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5



#60
Dibromochloromethane
Concen: 19.48 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 129 Resp: 83583
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.3

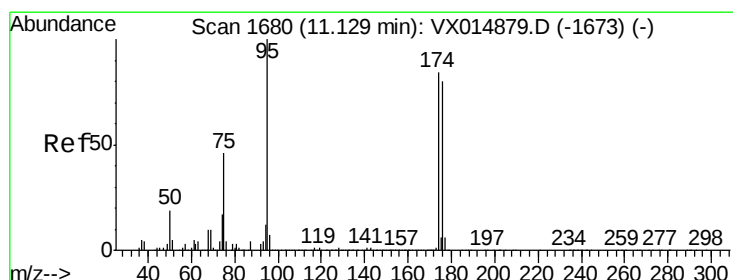
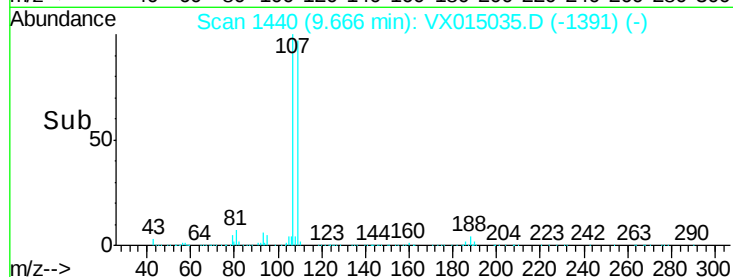
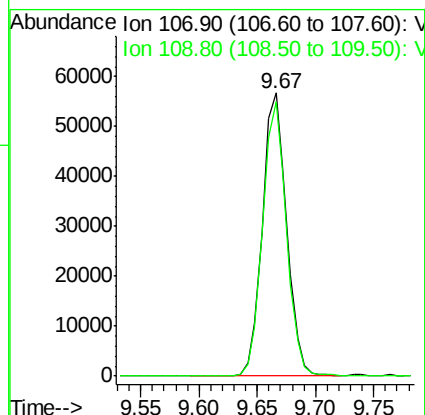
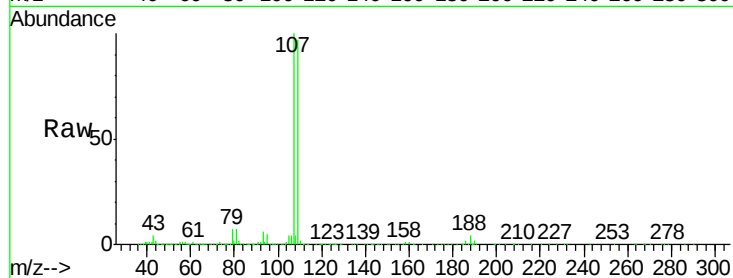




#61
 1,2-Dibromoethane
 Concen: 19.10 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

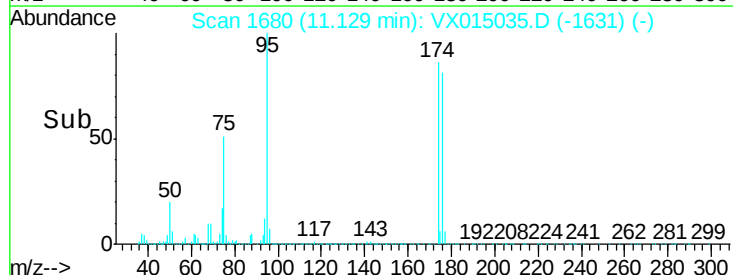
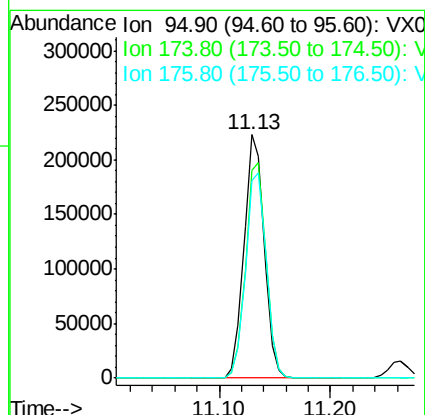
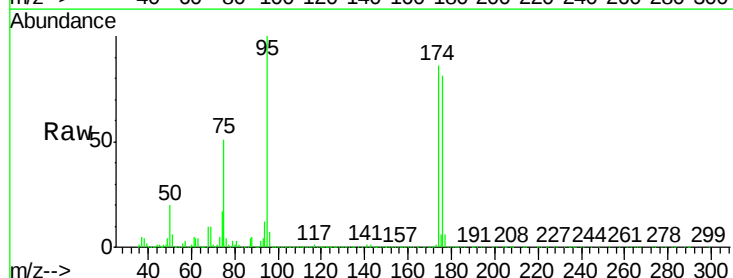
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

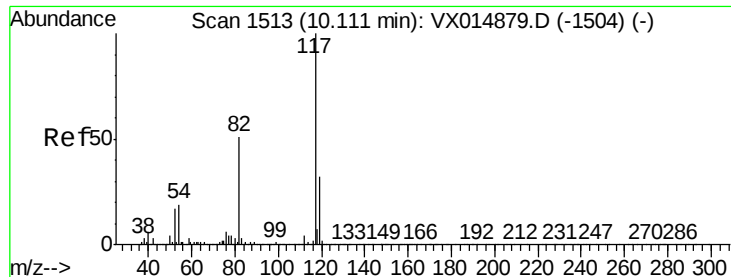
Tgt Ion: 107 Resp: 82163
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 57.02 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion: 95 Resp: 279859
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 183.0
 176 86.8 0.0 178.0

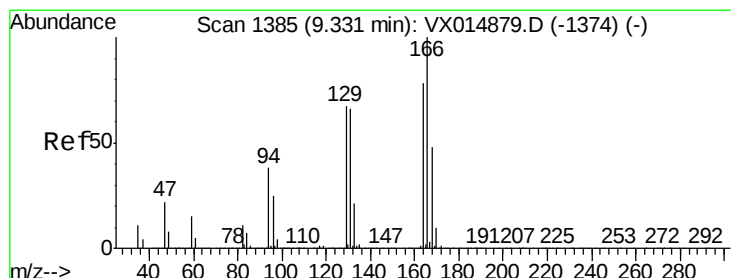
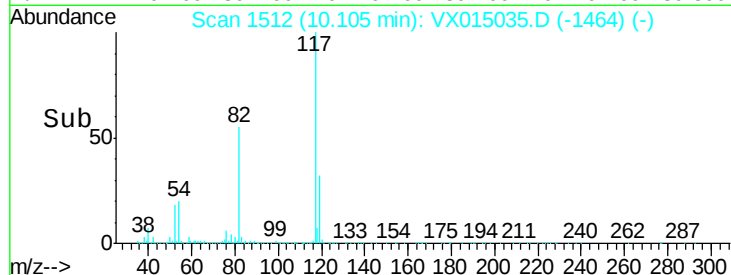
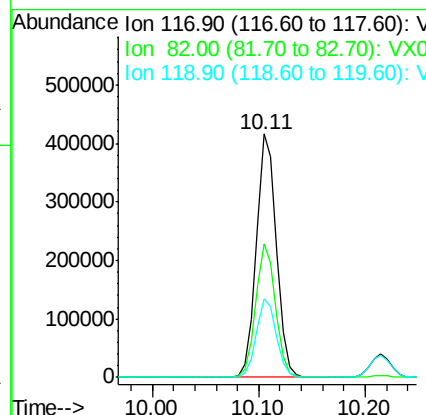
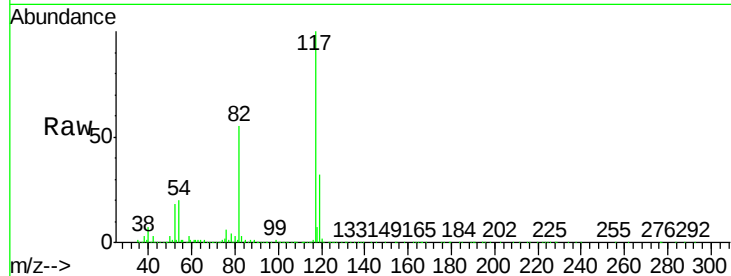




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

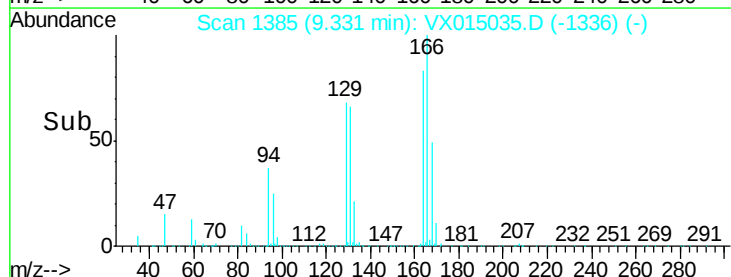
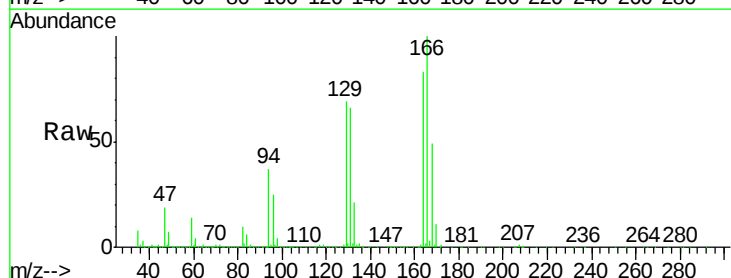
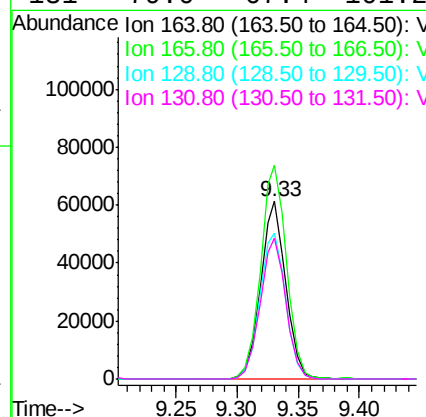
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

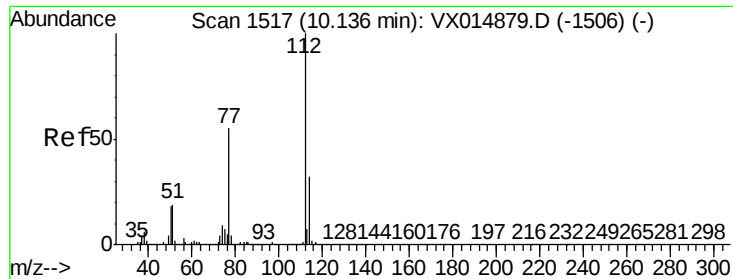
Tgt Ion:117 Resp: 549038
Ion Ratio Lower Upper
117 100
82 54.6 40.5 60.7
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 17.10 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion:164 Resp: 87770
Ion Ratio Lower Upper
164 100
166 120.1 102.6 153.8
129 82.2 68.3 102.5
131 79.0 67.4 101.2





#65

Chlorobenzene

Concen: 19.13 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

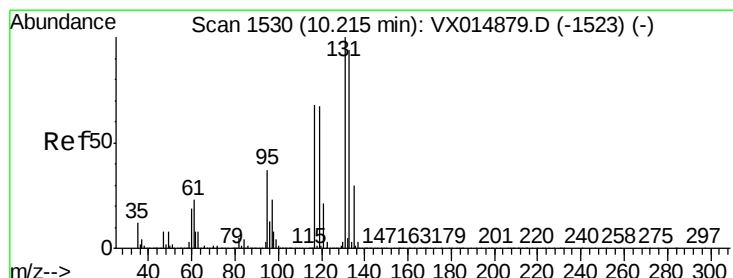
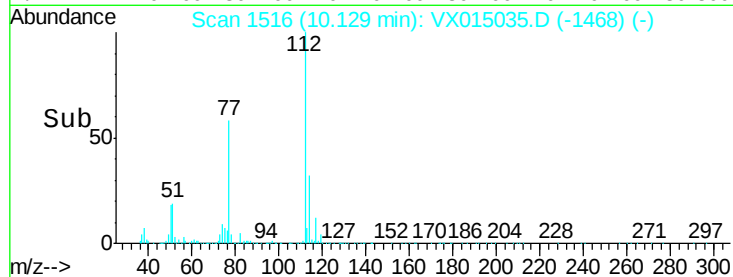
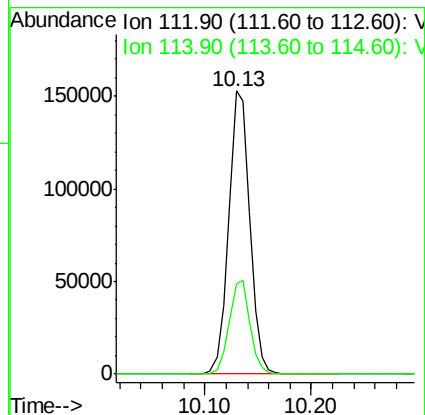
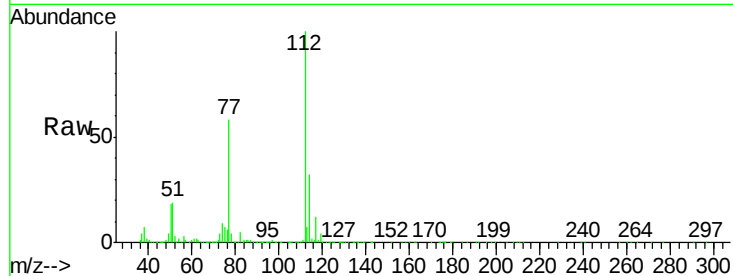
VX0227WBS01

Tgt Ion:112 Resp: 213007

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.55 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

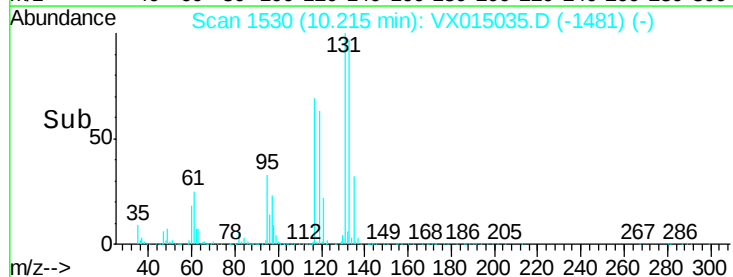
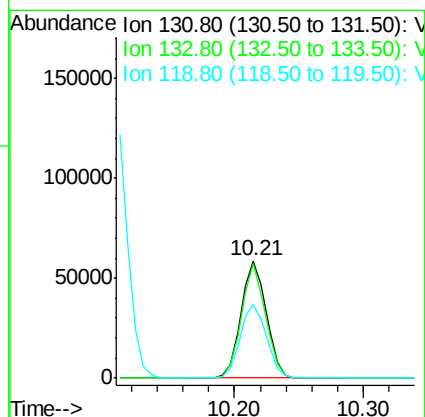
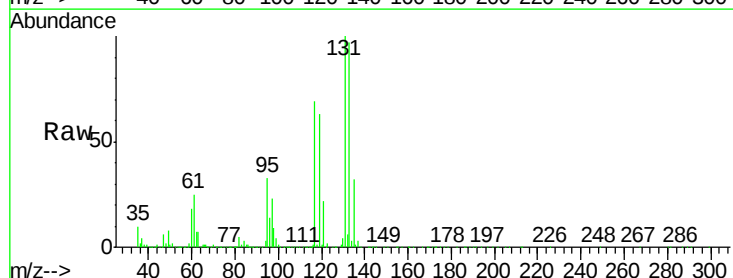
Tgt Ion:131 Resp: 79056

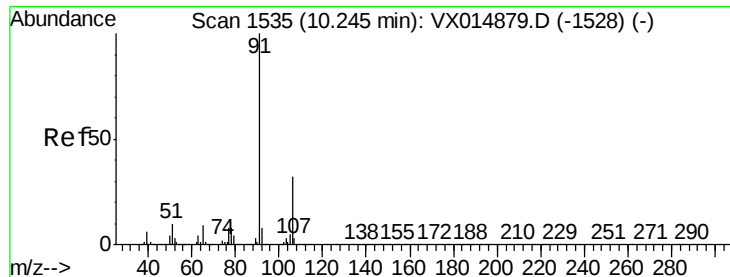
Ion Ratio Lower Upper

131 100

133 94.0 48.1 144.4

119 65.5 33.0 99.0





#67

Ethyl Benzene

Concen: 19.54 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

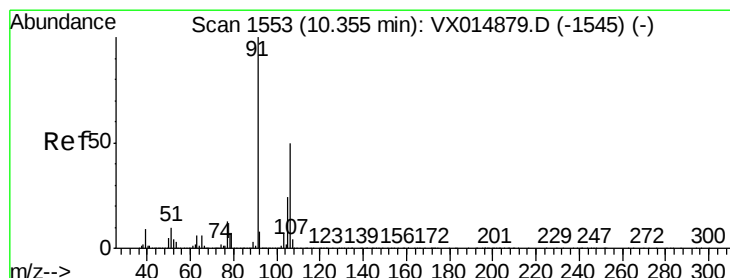
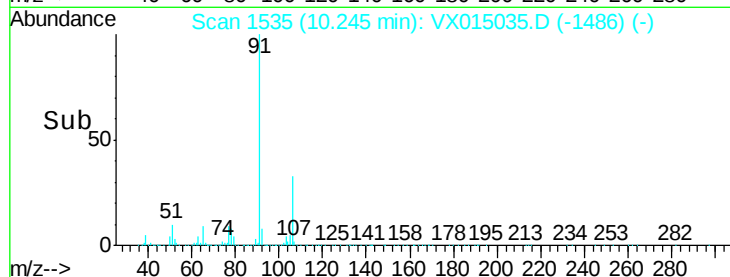
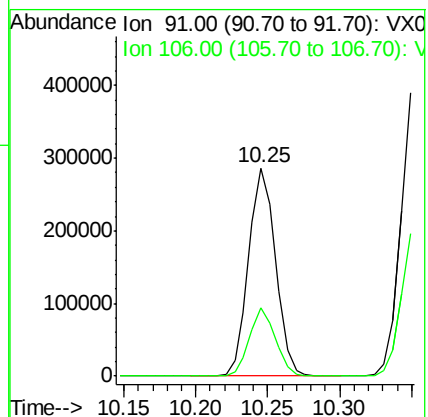
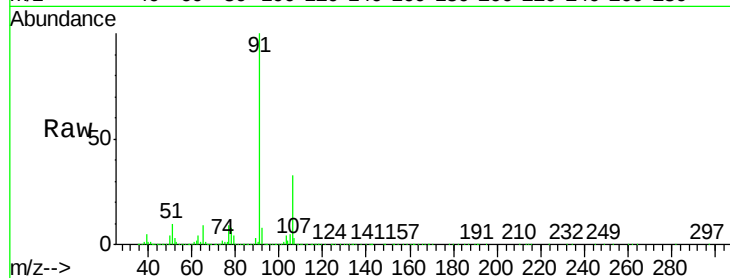
VX0227WBS01

Tgt Ion: 91 Resp: 370145

Ion Ratio Lower Upper

91 100

106 32.5 25.3 37.9



#68

m/p-Xylenes

Concen: 39.39 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015035.D

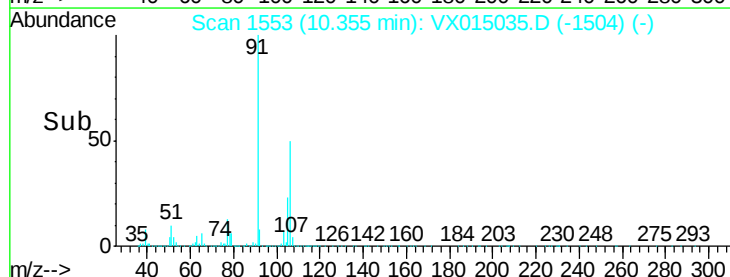
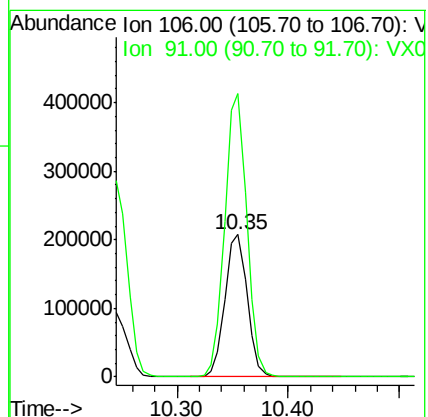
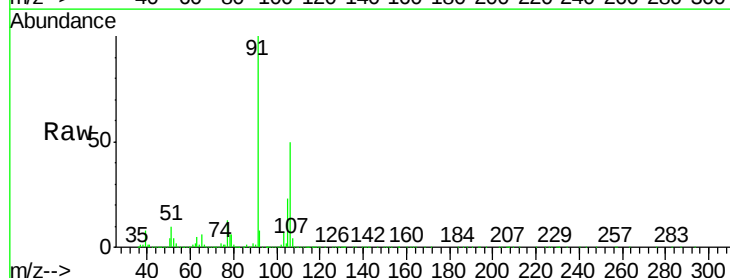
Acq: 27 Feb 2020 09:54

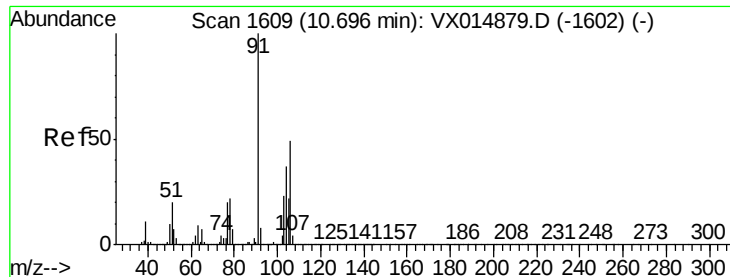
Tgt Ion: 106 Resp: 287408

Ion Ratio Lower Upper

106 100

91 196.8 160.6 240.8

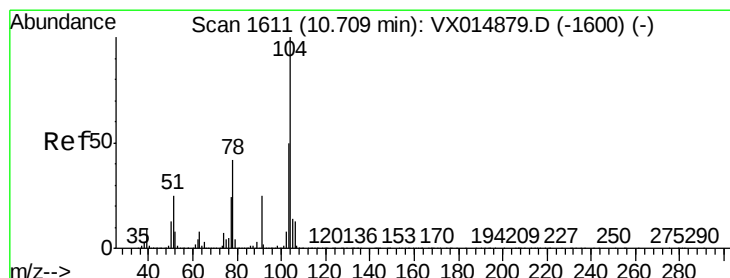
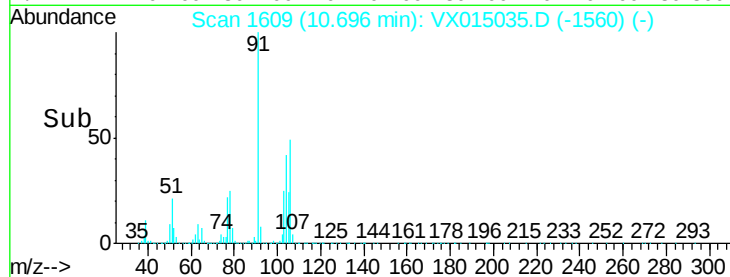
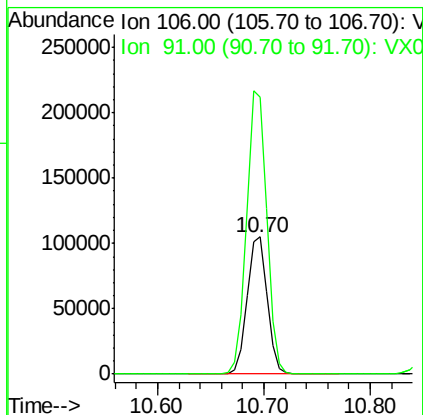
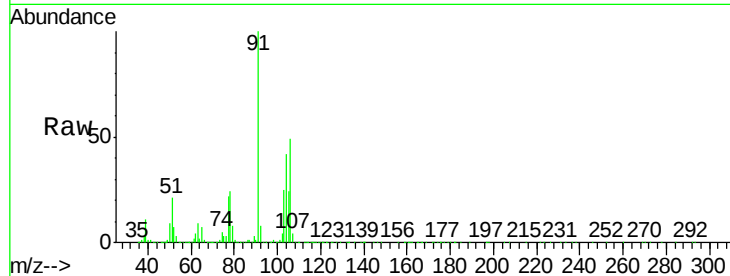




#69
o-Xylene
Concen: 19.98 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

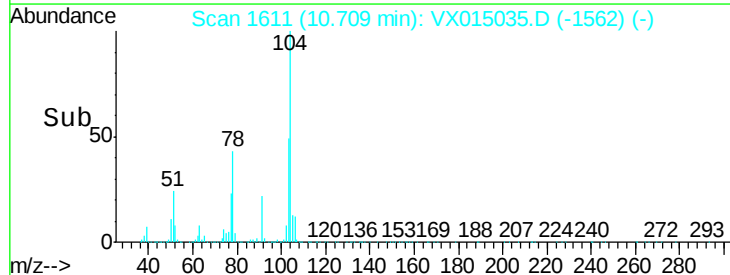
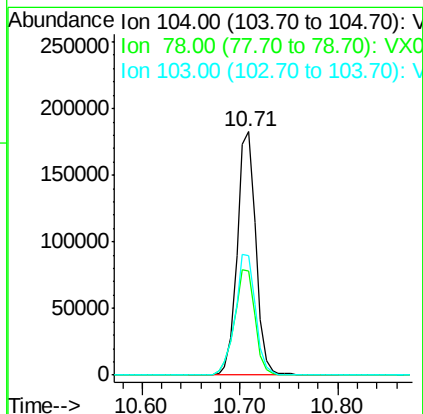
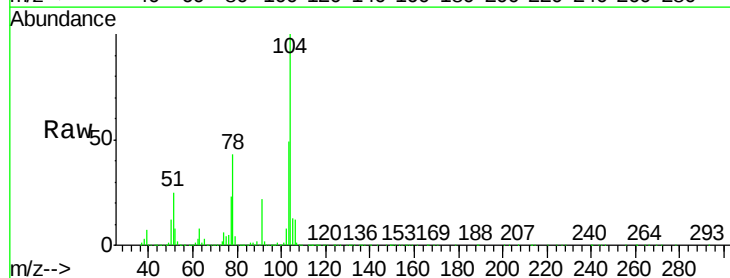
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

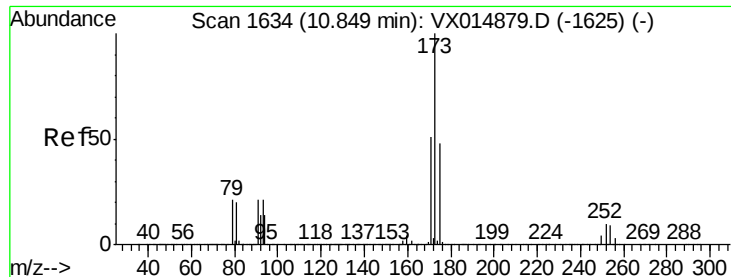
Tgt Ion:106 Resp: 140096
Ion Ratio Lower Upper
106 100
91 207.2 105.1 315.3



#70
Styrene
Concen: 20.28 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion:104 Resp: 240634
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 54.3 43.4 65.0





#71

Bromoform

Concen: 20.39 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

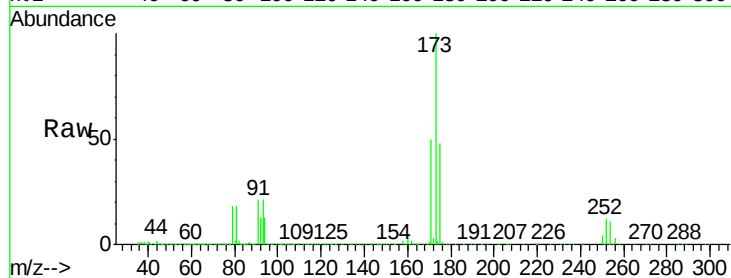
Tgt Ion:173 Resp: 68809

Ion Ratio Lower Upper

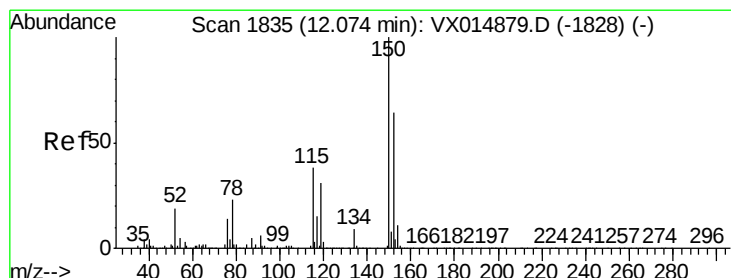
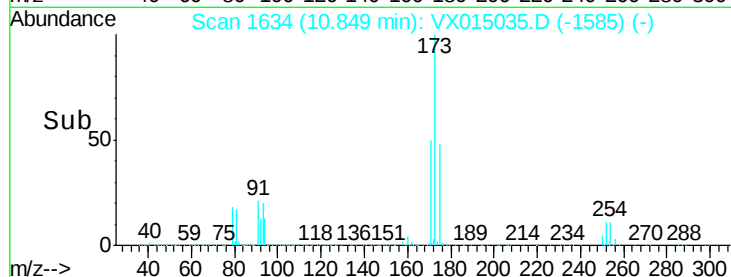
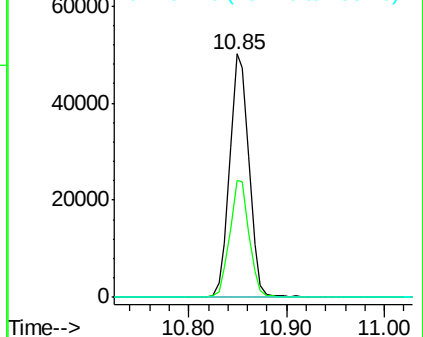
173 100

175 48.5 24.2 72.6

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

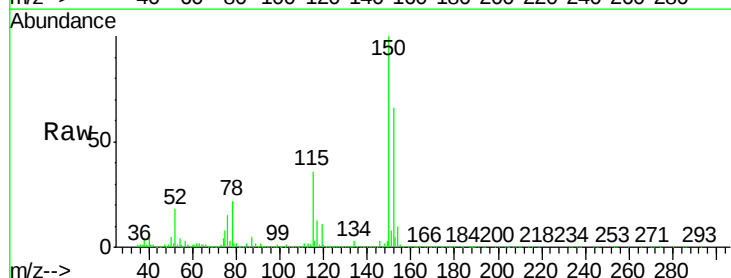
Tgt Ion:152 Resp: 319500

Ion Ratio Lower Upper

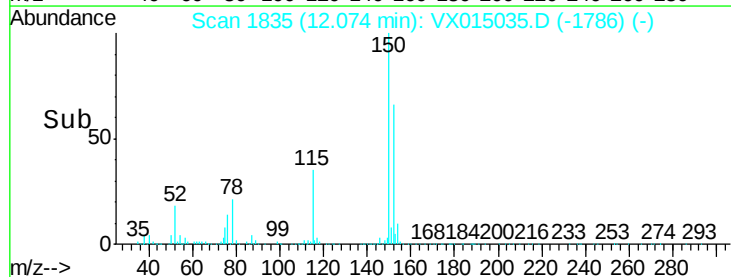
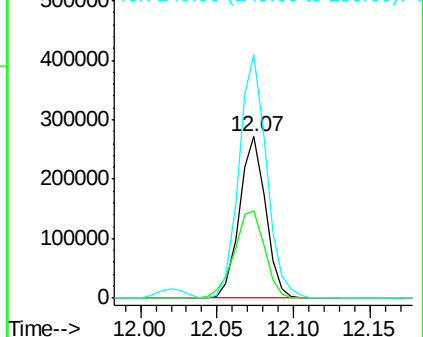
152 100

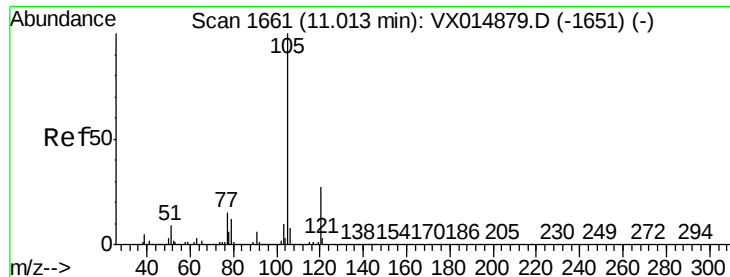
115 63.8 38.6 116.0

150 159.7 0.0 349.0



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: 20.21 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

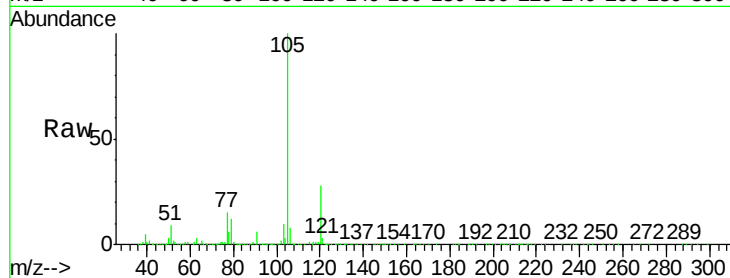
VX0227WBS01

Tgt Ion: 105 Resp: 404864

Ion Ratio Lower Upper

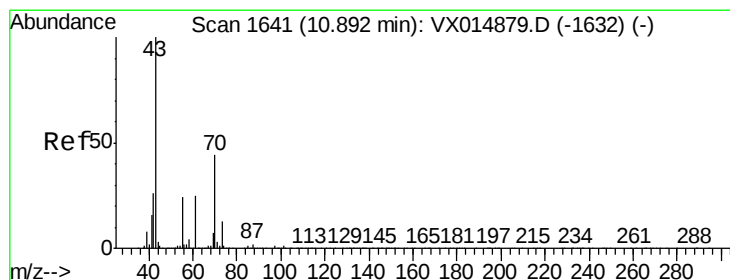
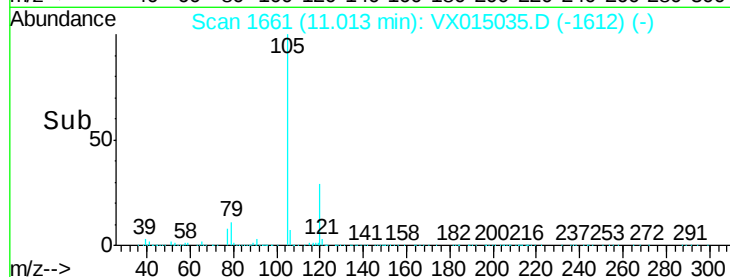
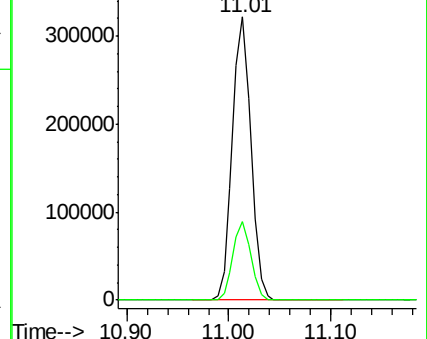
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.01 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion: 43 Resp: 166607

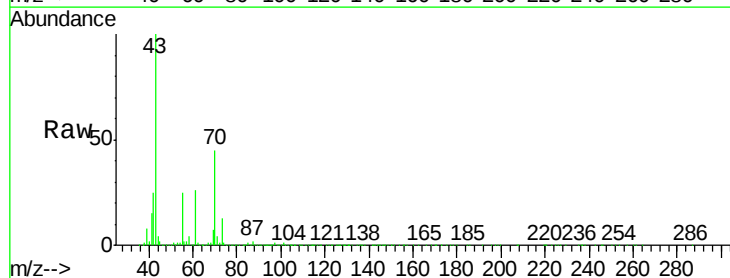
Ion Ratio Lower Upper

43 100

70 44.1 35.0 52.4

55 25.2 19.4 29.2

61 25.4 19.8 29.6

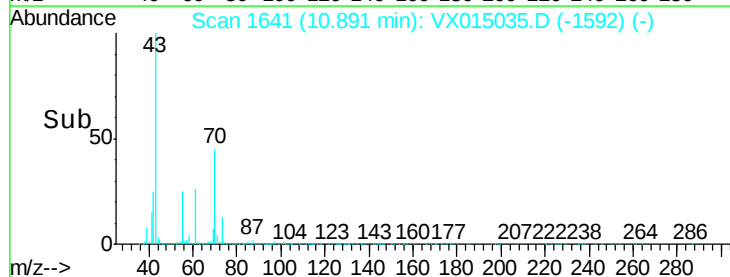
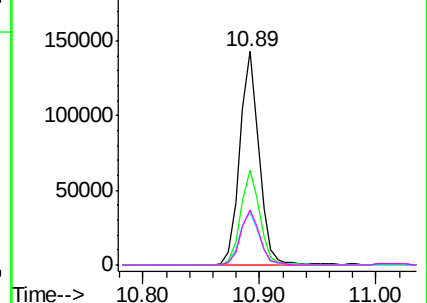


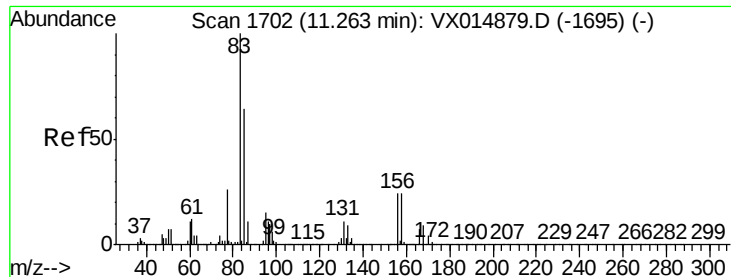
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.22 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VX0227WBS01

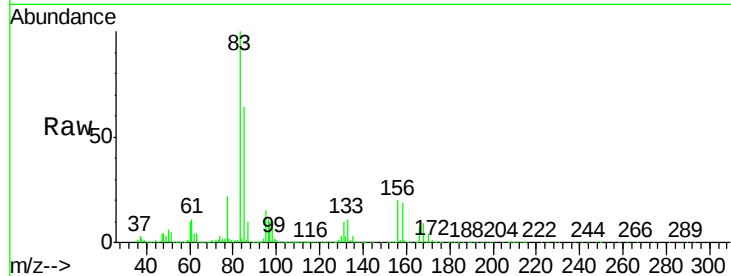
Tgt Ion: 83 Resp: 138977

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

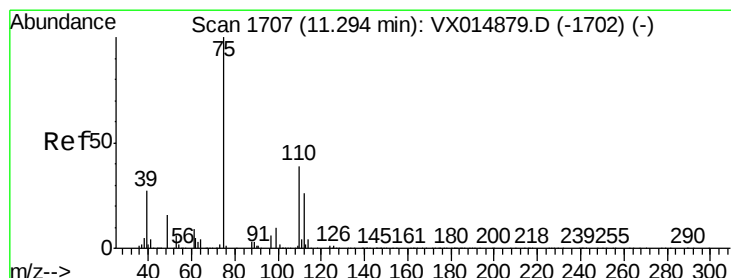
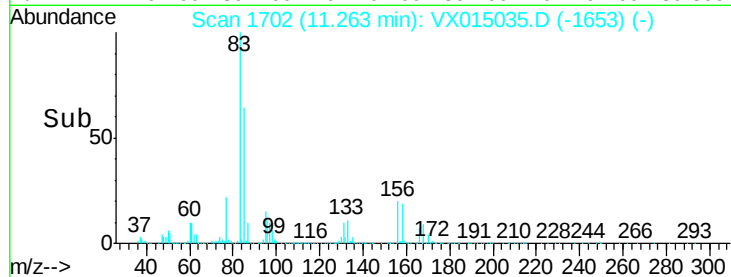
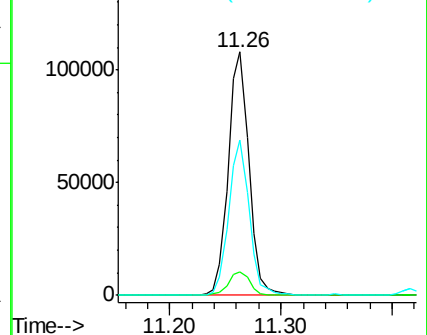
85 63.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.26 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015035.D

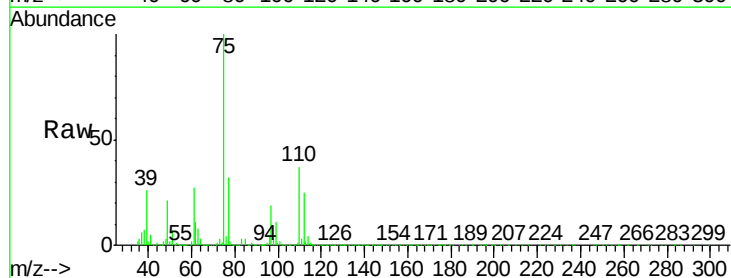
Acq: 27 Feb 2020 09:54

Tgt Ion: 75 Resp: 151735

Ion Ratio Lower Upper

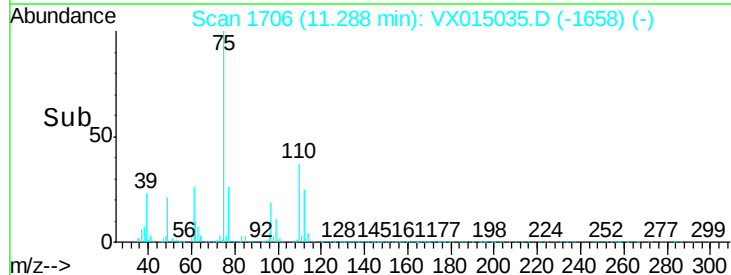
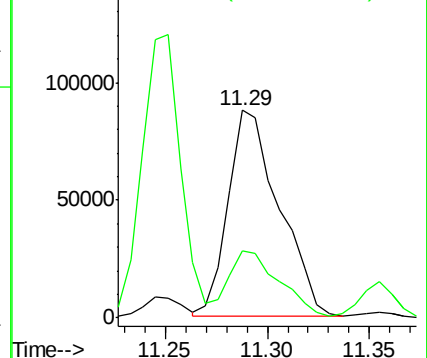
75 100

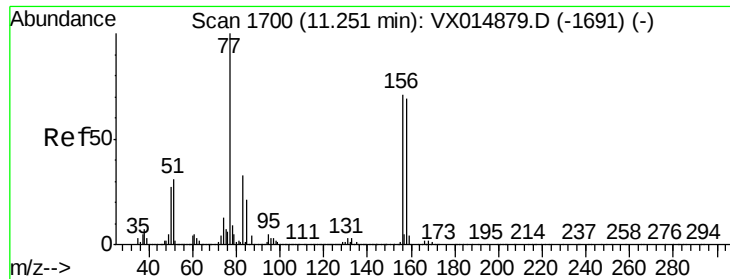
77 32.6 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.42 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

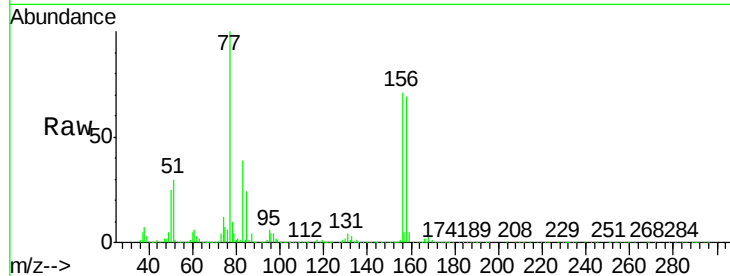
Tgt Ion:156 Resp: 108607

Ion Ratio Lower Upper

156 100

77 145.0 74.0 222.0

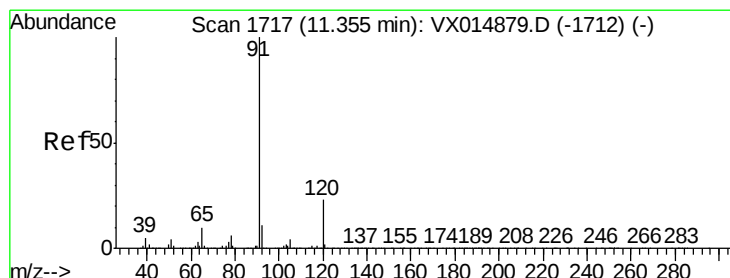
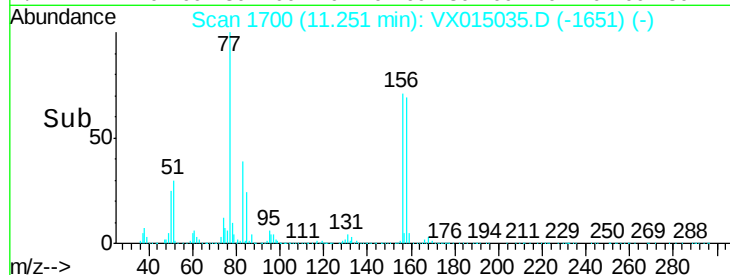
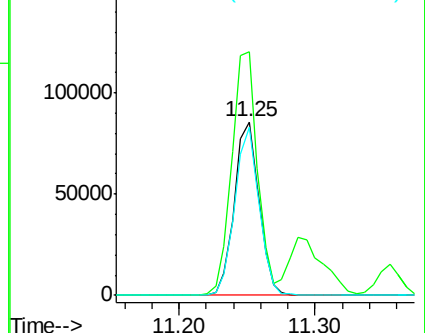
158 95.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.87 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015035.D

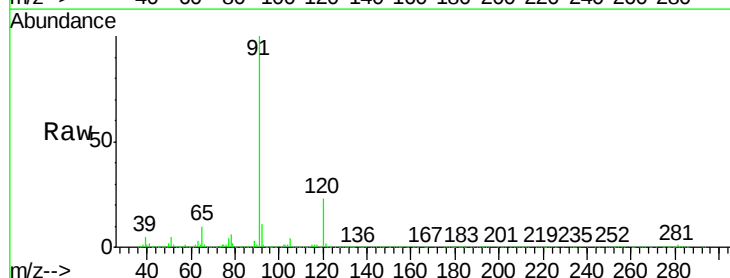
Acq: 27 Feb 2020 09:54

Tgt Ion: 91 Resp: 460531

Ion Ratio Lower Upper

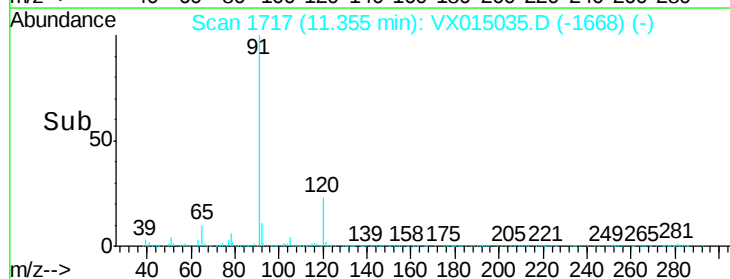
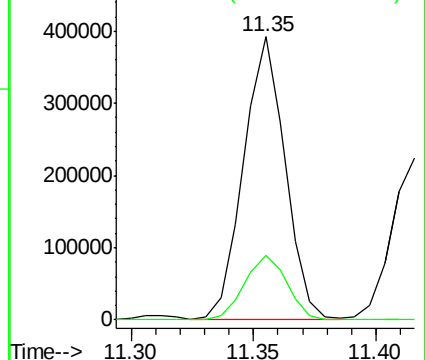
91 100

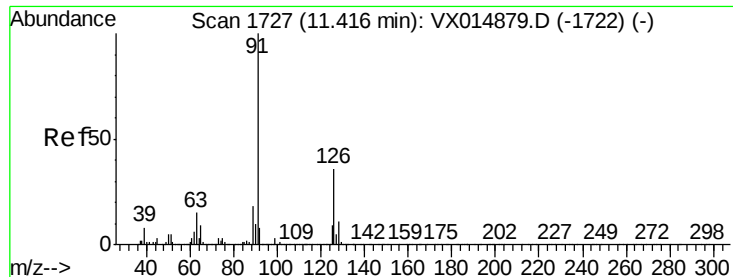
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.06 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

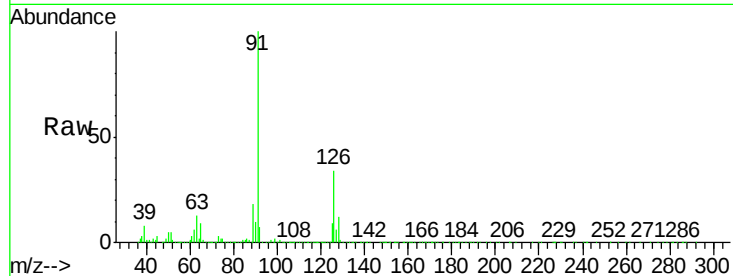
VX0227WBS01

Tgt Ion: 91 Resp: 273268

Ion Ratio Lower Upper

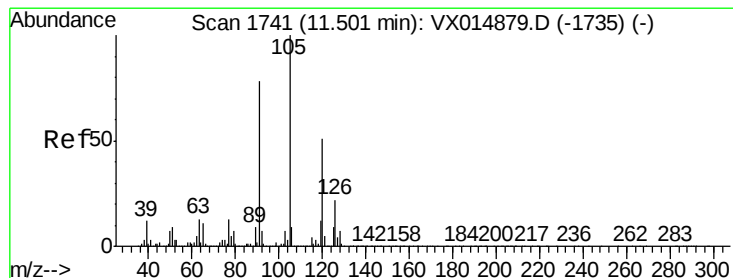
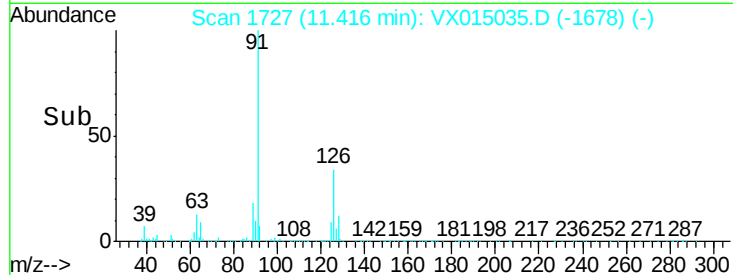
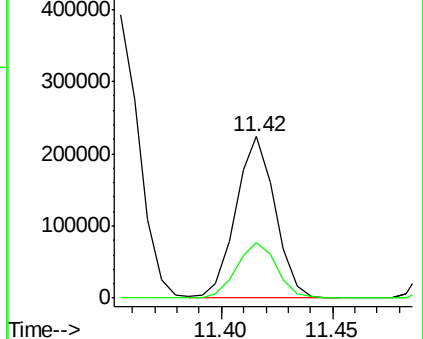
91 100

126 35.4 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.94 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015035.D

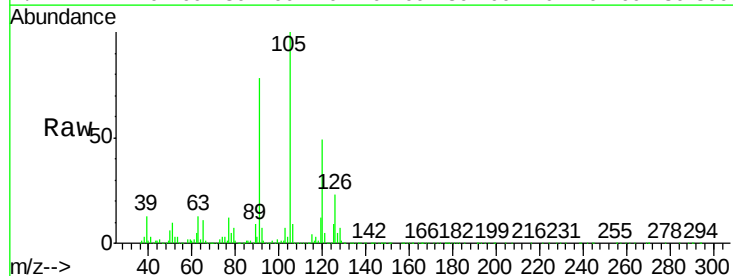
Acq: 27 Feb 2020 09:54

Tgt Ion: 105 Resp: 333875

Ion Ratio Lower Upper

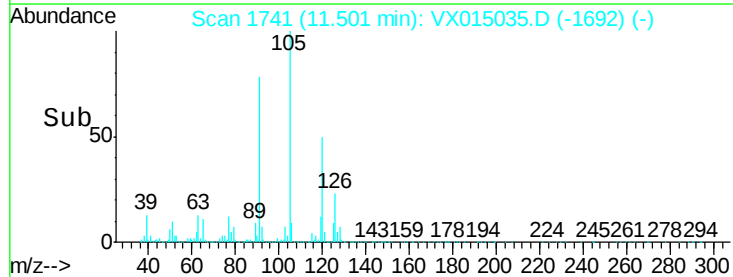
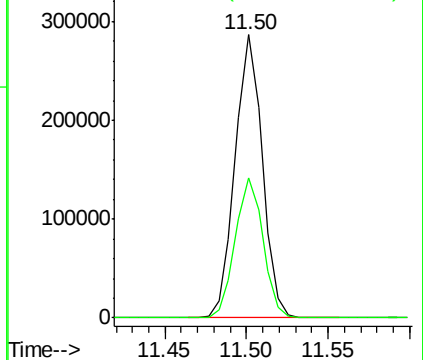
105 100

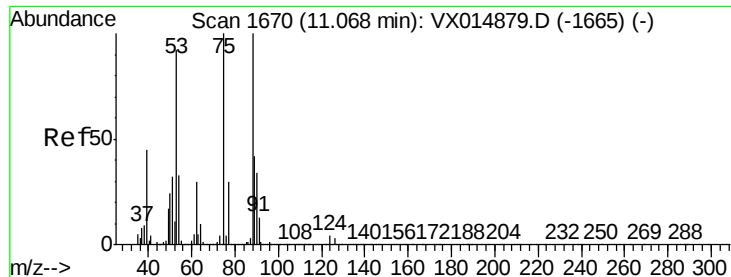
120 50.1 25.6 76.6



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: 18.90 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

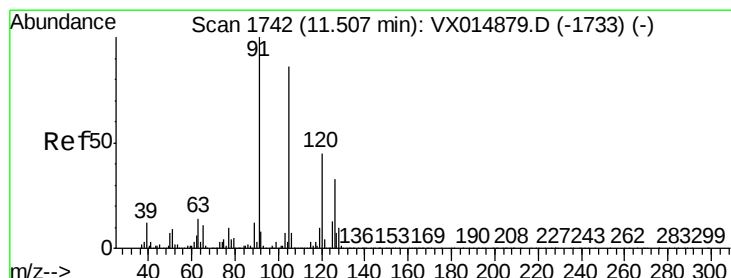
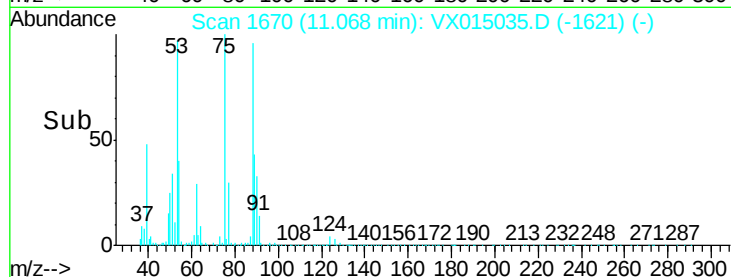
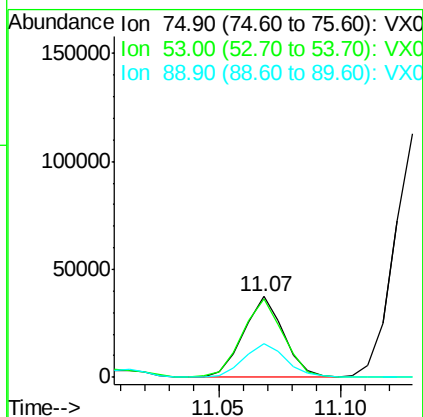
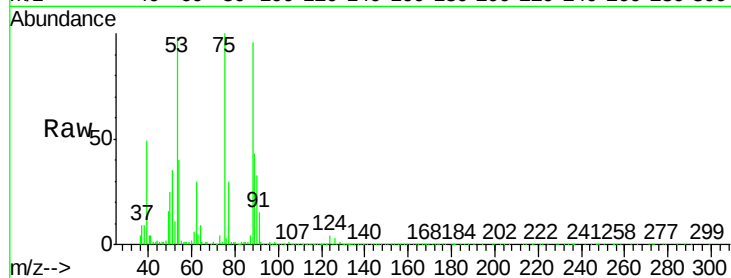
Tgt Ion: 75 Resp: 42668

Ion Ratio Lower Upper

75 100

53 99.9 76.2 114.2

89 44.0 35.8 53.6



#82

4-Chlorotoluene

Concen: 19.39 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015035.D

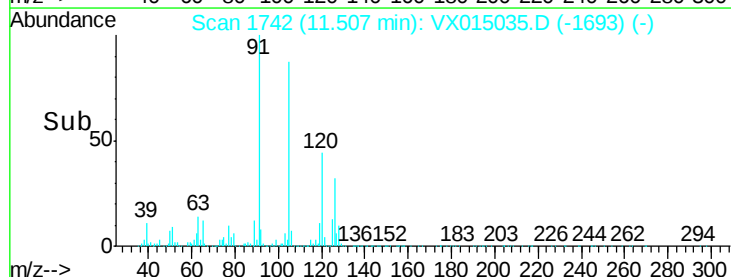
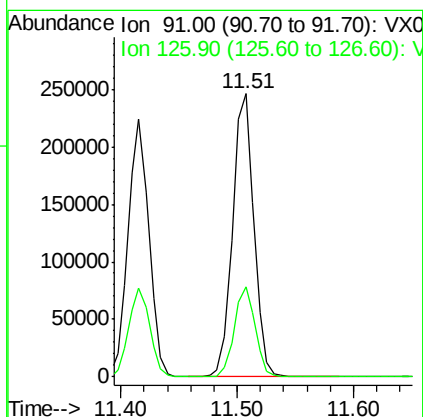
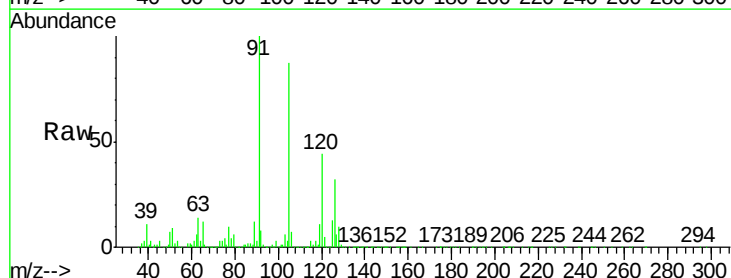
Acq: 27 Feb 2020 09:54

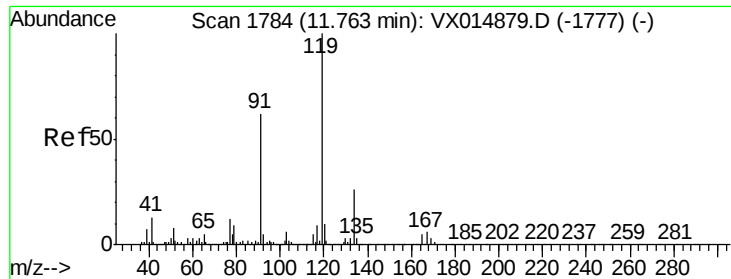
Tgt Ion: 91 Resp: 312771

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0

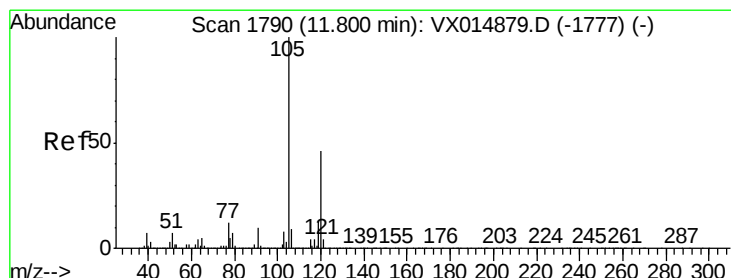
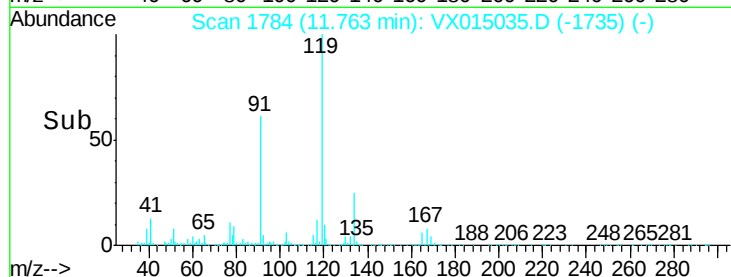
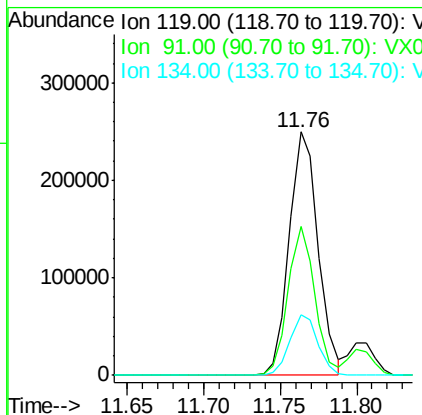
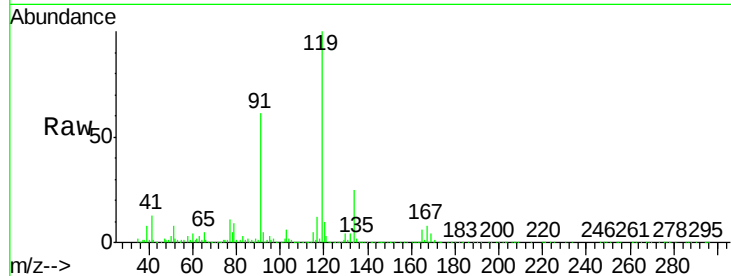




#83
 tert-Butylbenzene
 Concen: 20.54 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

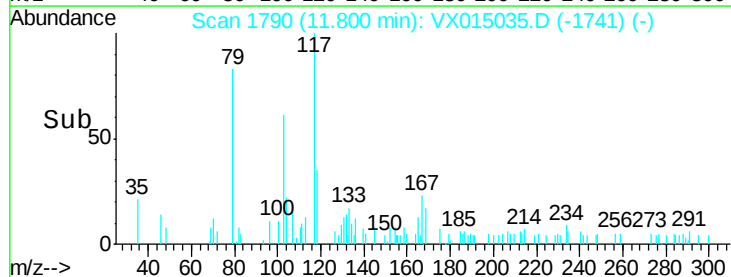
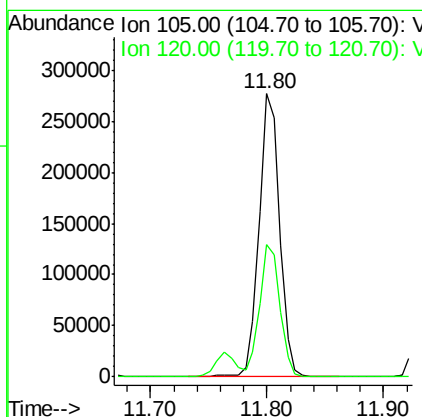
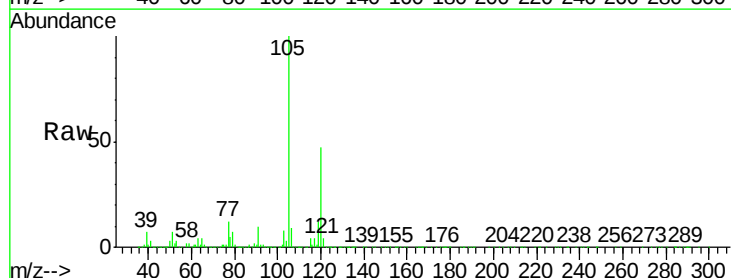
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

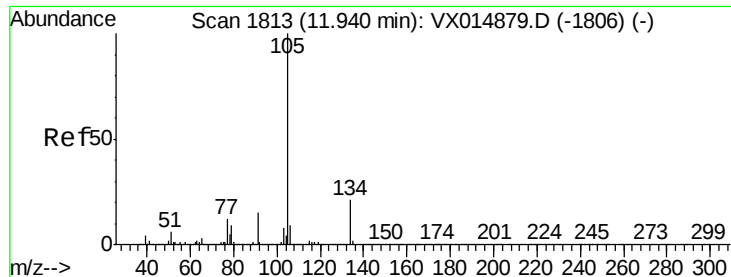
Tgt Ion:119 Resp: 325681
 Ion Ratio Lower Upper
 119 100
 91 56.7 29.5 88.6
 134 24.5 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.28 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion:105 Resp: 342191
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.36 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

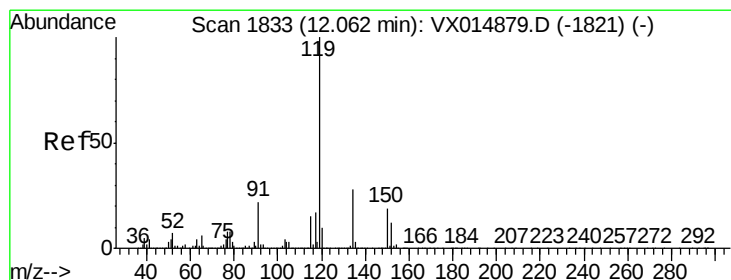
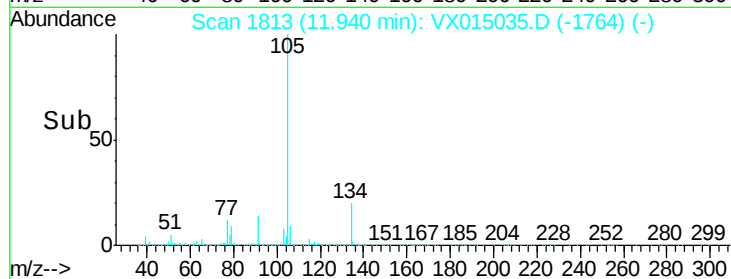
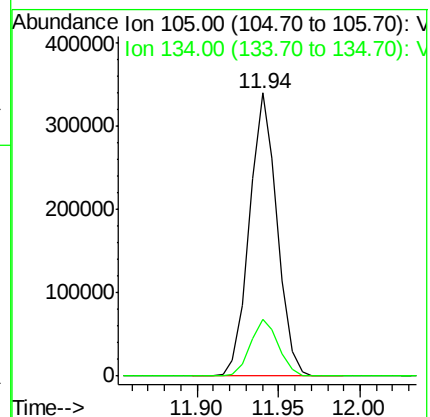
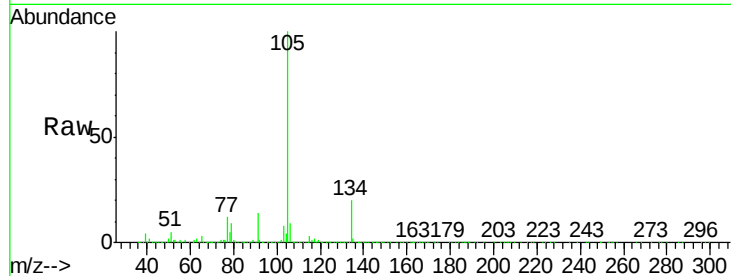
VX0227WBS01

Tgt Ion:105 Resp: 400912

Ion Ratio Lower Upper

105 100

134 20.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.75 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

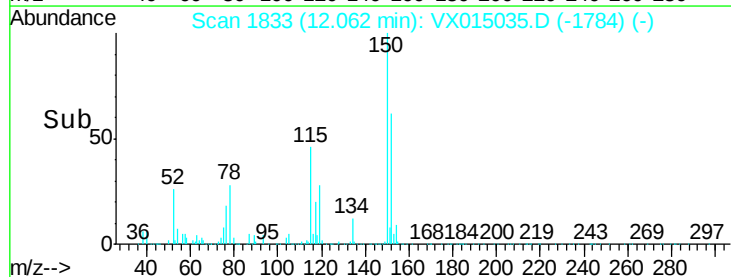
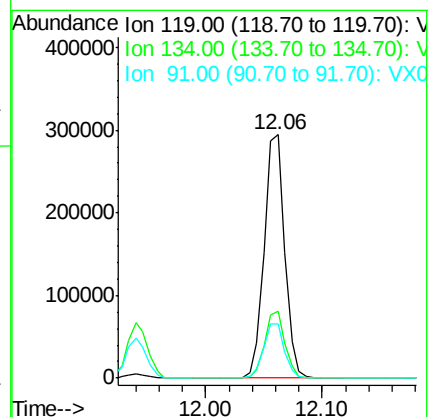
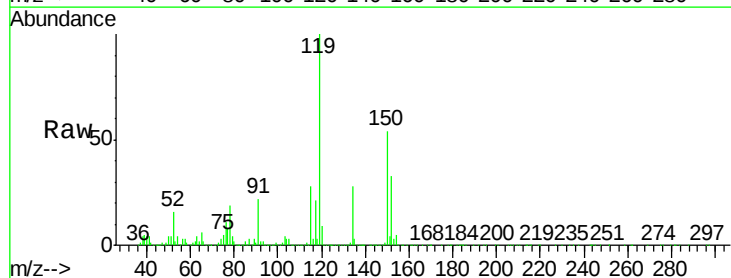
Tgt Ion:119 Resp: 363936

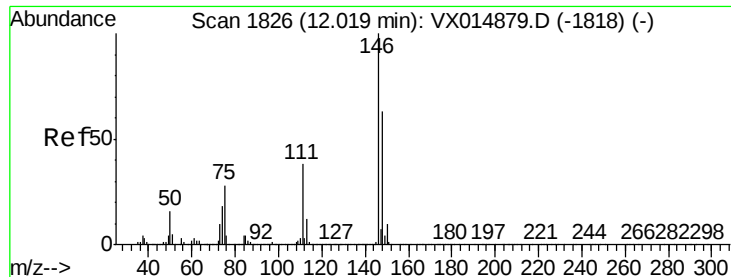
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.66 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

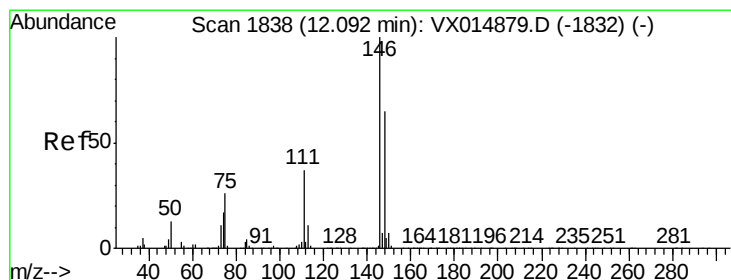
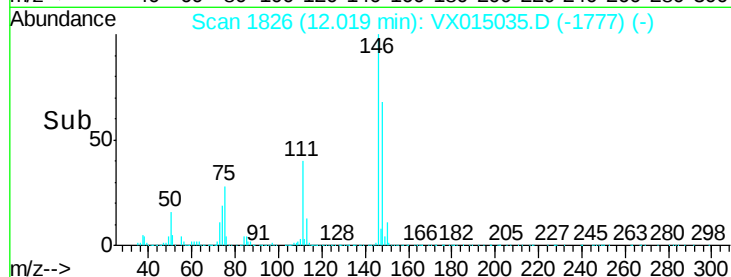
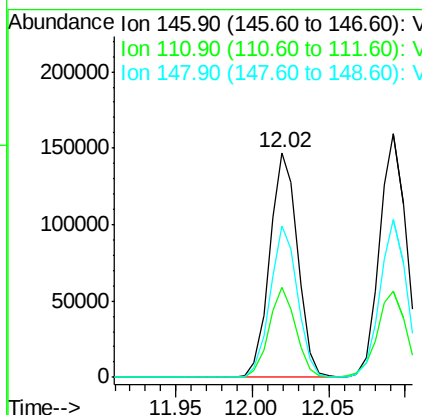
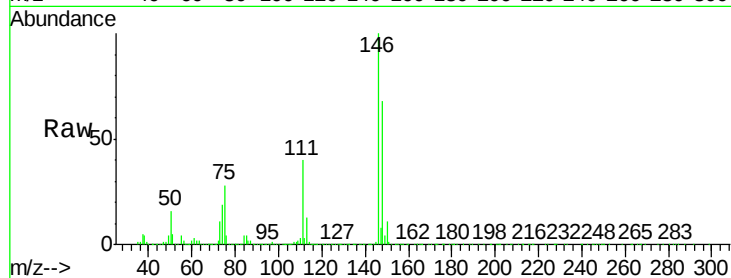
Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

Tgt Ion:146 Resp: 187203

Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	56.0
148	65.8	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 18.82 ug/l

RT: 12.09 min Scan# 1838

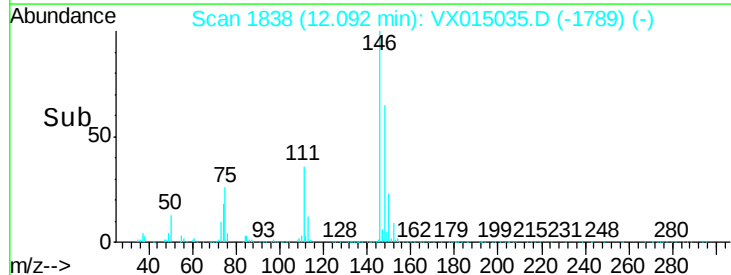
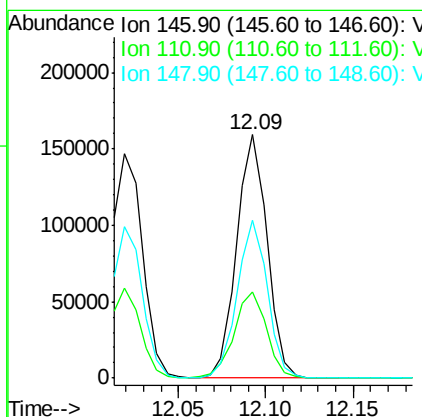
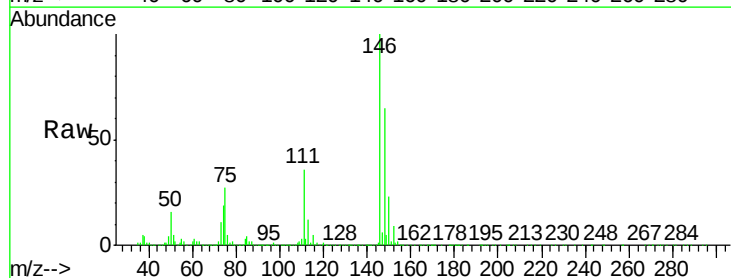
Delta R.T. -0.00 min

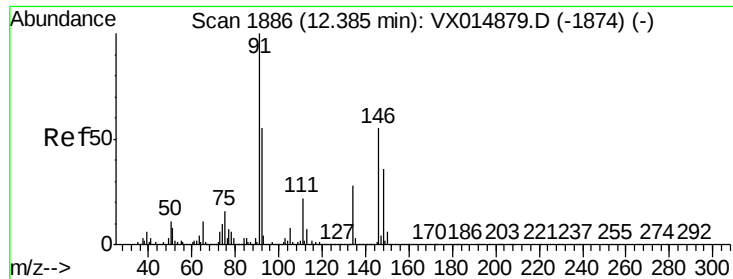
Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:146 Resp: 192773

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	64.3	32.4	97.0

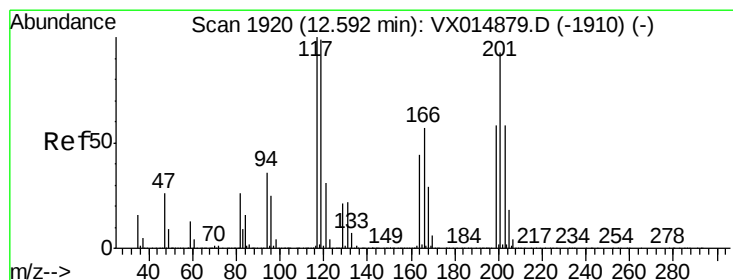
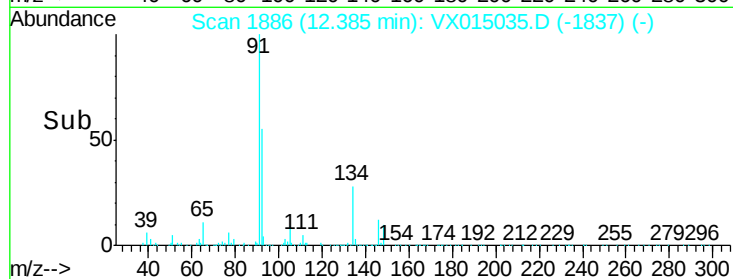
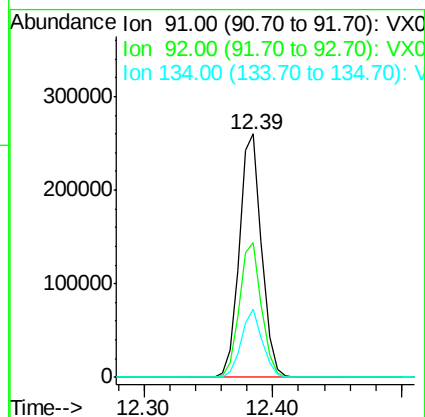
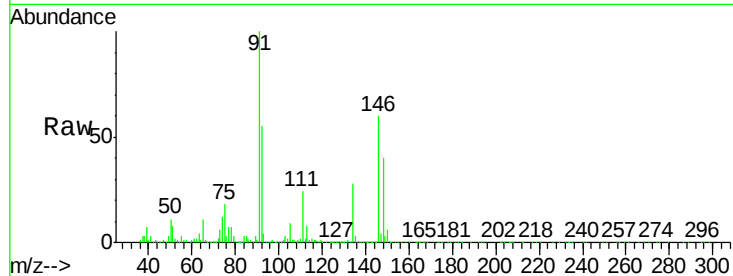




#89
n-Butylbenzene
Concen: 18.85 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

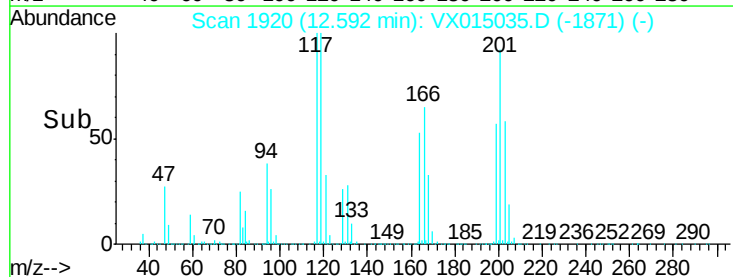
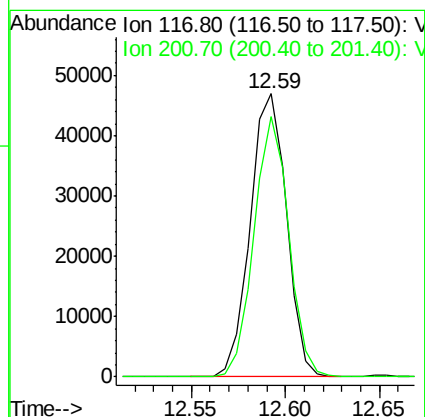
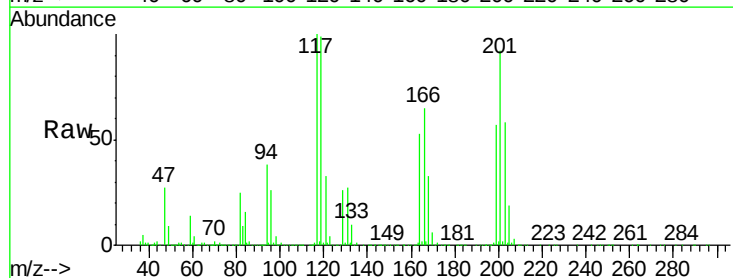
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBS01

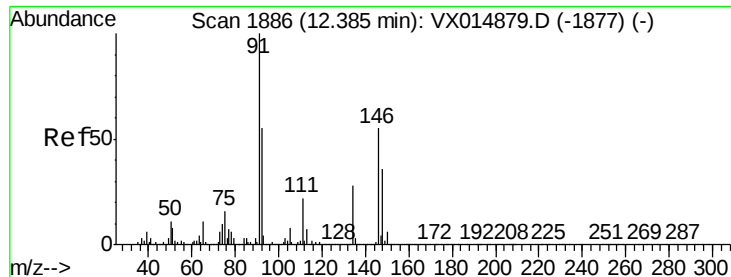
Tgt Ion: 91 Resp: 311165
Ion Ratio Lower Upper
91 100
92 55.3 27.3 81.8
134 26.8 13.8 41.4



#90
Hexachloroethane
Concen: 19.37 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015035.D
Acq: 27 Feb 2020 09:54

Tgt Ion: 117 Resp: 62342
Ion Ratio Lower Upper
117 100
201 88.4 44.8 134.3

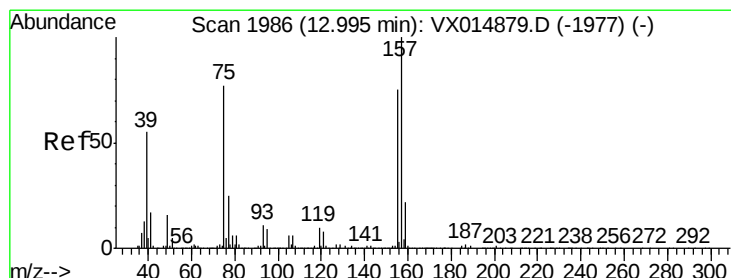
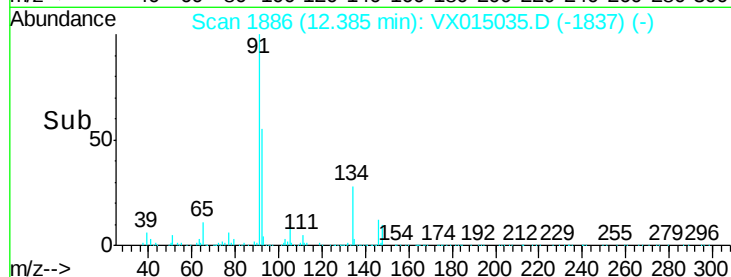
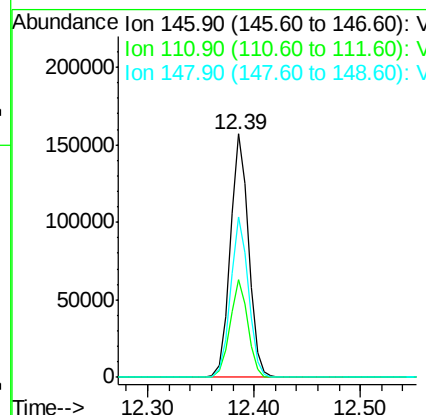
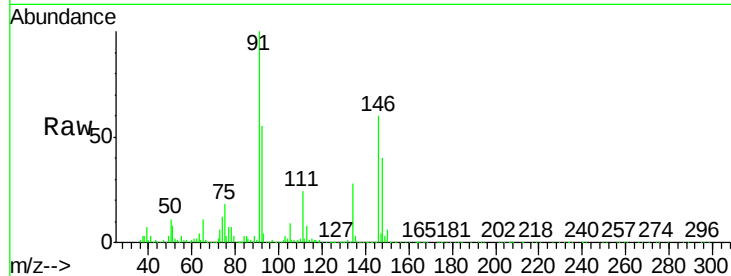




#91
 1,2-Dichlorobenzene
 Concen: 19.18 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

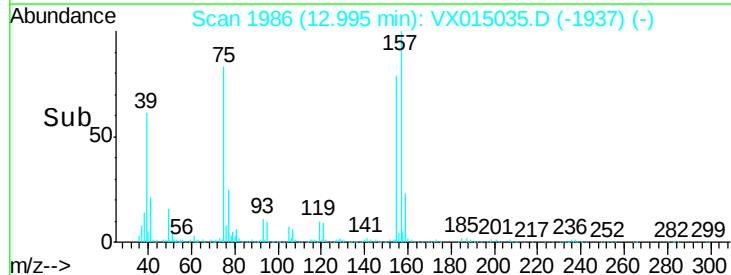
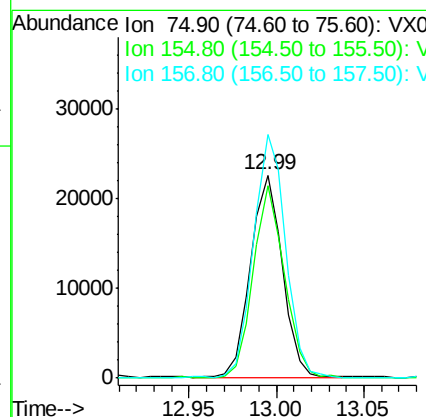
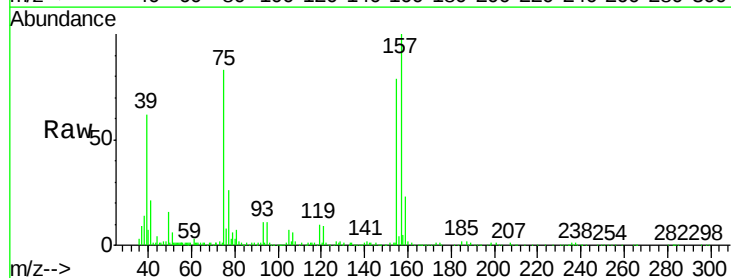
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

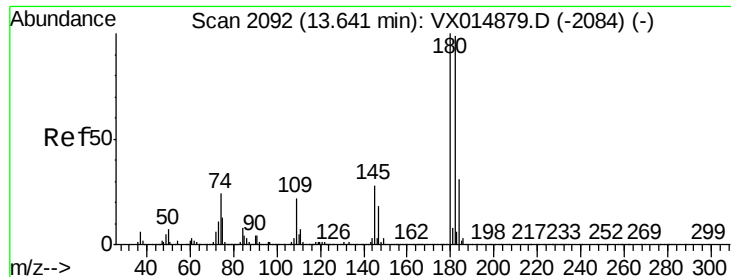
Tgt Ion: 146 Resp: 188746
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.8 59.3
 148 65.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.43 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion: 75 Resp: 28312
 Ion Ratio Lower Upper
 75 100
 155 93.7 48.6 145.9
 157 123.4 62.0 186.0

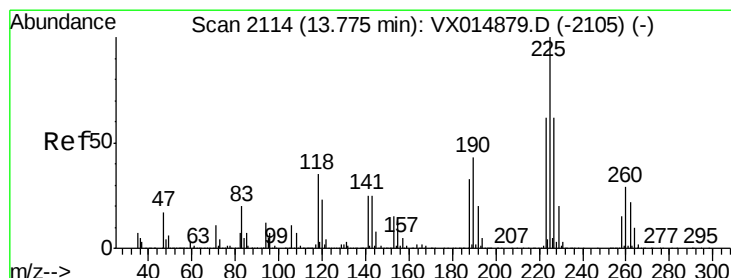
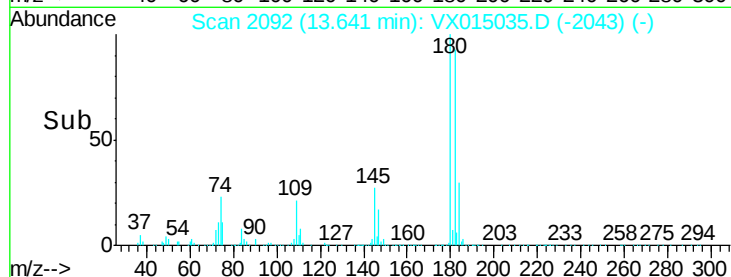
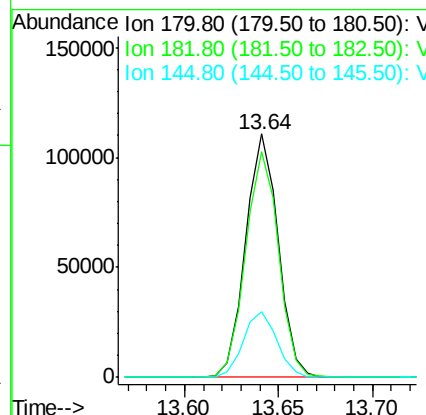
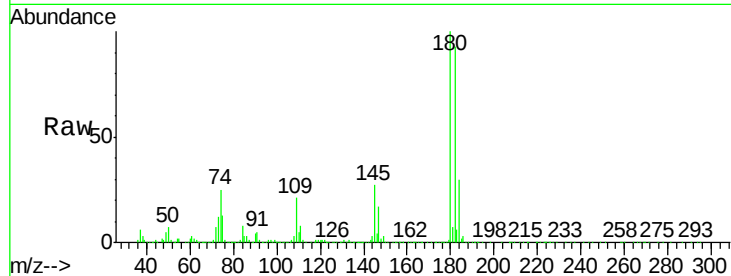




#93
 1,2,4-Trichlorobenzene
 Concen: 18.24 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

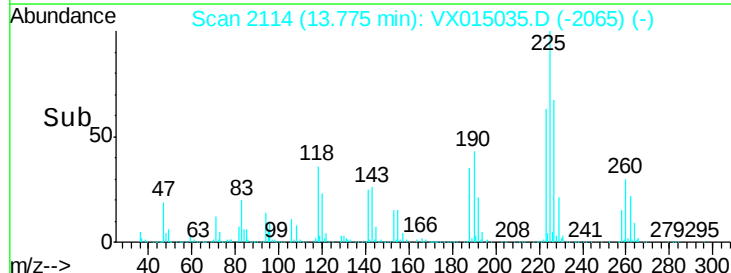
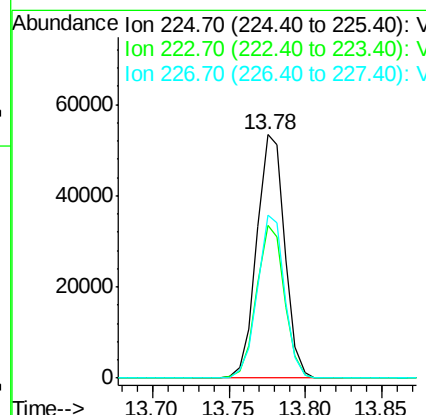
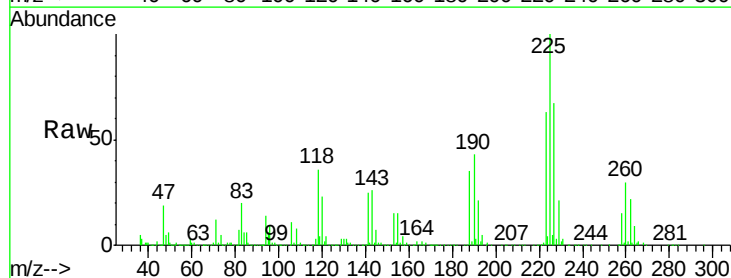
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

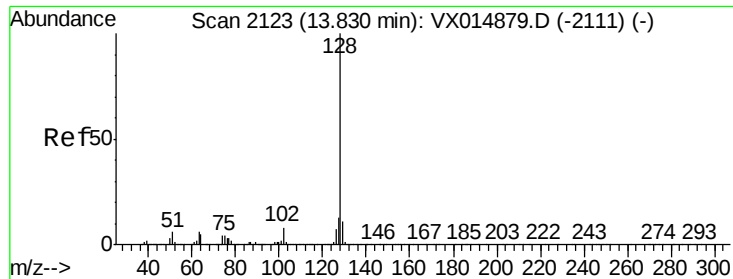
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.3
145	28.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.37 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015035.D
 Acq: 27 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	64.8	30.9	92.5





#95

Naphthalene

Concen: 19.38 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBS01

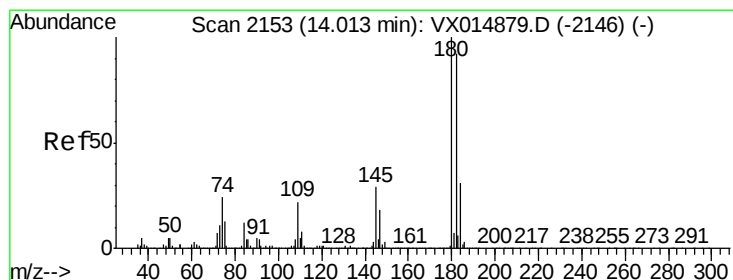
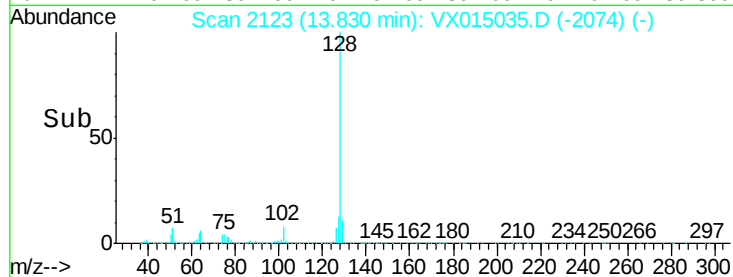
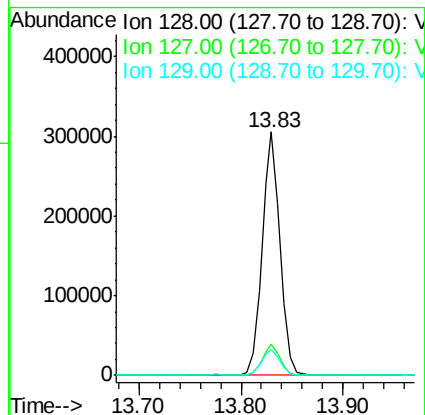
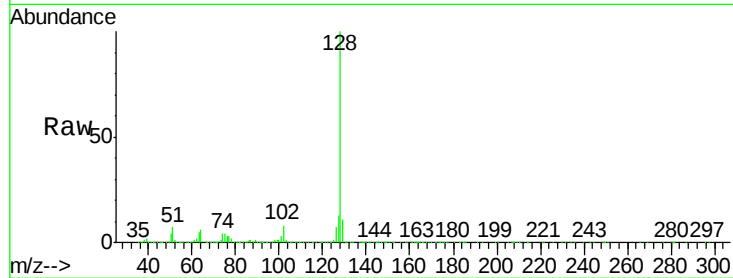
Tgt Ion:128 Resp: 374270

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.80 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015035.D

Acq: 27 Feb 2020 09:54

Tgt Ion:180 Resp: 131933

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.6

145 29.3 14.5 43.5

