

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
 Data File : VX014840.D
 Acq On : 06 Feb 2020 11:57
 Operator : JC/SP
 Sample : VX0206WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Quant Time: Feb 06 14:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	556042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	230178	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.48	113	189236	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	706760	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	254535	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94159	17.22	ug/l	99
3) Chloromethane	1.32	50	93942	16.70	ug/l	96
4) Vinyl Chloride	1.40	62	108853	17.89	ug/l	100
5) Bromomethane	1.63	94	67700	16.38	ug/l	99
6) Chloroethane	1.72	64	62605	17.08	ug/l	96
7) Trichlorofluoromethane	1.92	101	130960	18.49	ug/l	99
8) Diethyl Ether	2.18	74	57231	18.51	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78550	18.89	ug/l	98
10) Methyl Iodide	2.50	142	95807	17.56	ug/l	100
11) Tert butyl alcohol	3.02	59	96936	88.90	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73692	17.82	ug/l	97
13) Acrolein	2.28	56	62201	72.35	ug/l	99
14) Allyl chloride	2.72	41	131863	17.74	ug/l	96
15) Acrylonitrile	3.12	53	228225	90.46	ug/l	99
16) Acetone	2.43	43	249698	93.90	ug/l	100
17) Carbon Disulfide	2.56	76	177937	15.75	ug/l	98
18) Methyl Acetate	2.76	43	142515	18.76	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	262097	19.35	ug/l	98
20) Methylene Chloride	2.84	84	89594	18.19	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	80055	17.59	ug/l	99
22) Diisopropyl ether	3.84	45	282743	19.12	ug/l	95
23) Vinyl Acetate	3.80	43	1070047	94.94	ug/l	100
24) 1,1-Dichloroethane	3.69	63	152494	18.99	ug/l	98
25) 2-Butanone	4.65	43	334083	87.60	ug/l	96
26) 2,2-Dichloropropane	4.58	77	124894	19.43	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93812	18.41	ug/l	99
28) Bromochloromethane	5.00	49	58670	16.63	ug/l	94
29) Tetrahydrofuran	5.11	42	202370	89.41	ug/l	99
30) Chloroform	5.20	83	151318	19.02	ug/l	100
31) Cyclohexane	5.57	56	131963	17.47	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	129543	19.27	ug/l	98
36) 1,1-Dichloropropene	5.79	75	110952	19.48	ug/l	98
37) Ethyl Acetate	4.81	43	120107	18.41	ug/l	96
38) Carbon Tetrachloride	5.78	117	109788	20.18	ug/l	92

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Instrument :
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Quant Time: Feb 06 14:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	133247	18.67	ug/l	94
40) Benzene	6.13	78	337772	19.19	ug/l	98
41) Methacrylonitrile	5.03	41	69204	18.43	ug/l	97
42) 1,2-Dichloroethane	6.18	62	125949	20.72	ug/l	100
43) Isopropyl Acetate	6.43	43	202568	18.96	ug/l	99
44) Trichloroethene	7.20	130	96552	19.42	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90538	19.97	ug/l	99
46) Dibromomethane	7.65	93	57749	19.66	ug/l	97
47) Bromodichloromethane	7.89	83	116200	20.17	ug/l	97
48) Methyl methacrylate	7.76	41	97766	19.15	ug/l	97
49) 1,4-Dioxane	7.73	88	42322	391.12	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	633808	93.99	ug/l	100
52) Toluene	8.78	92	214984	19.87	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124806	20.12	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138143	20.25	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90114	20.34	ug/l	98
56) Ethyl methacrylate	9.17	69	133738	18.96	ug/l	99
57) 1,3-Dichloropropane	9.36	76	149442	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	214907	96.47	ug/l	99
59) 2-Hexanone	9.48	43	495574	94.71	ug/l	99
60) Dibromochloromethane	9.57	129	92695	20.05	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93277	19.92	ug/l	98
64) Tetrachloroethene	9.33	164	100073	18.18	ug/l	99
65) Chlorobenzene	10.14	112	235712	19.82	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89261	20.36	ug/l	99
67) Ethyl Benzene	10.25	91	407002	20.04	ug/l	99
68) m/p-Xylenes	10.36	106	311621	40.50	ug/l	100
69) o-Xylene	10.70	106	152728	20.56	ug/l	97
70) Styrene	10.71	104	255881	20.54	ug/l	99
71) Bromoform	10.85	173	69703	19.99	ug/l #	99
73) Isopropylbenzene	11.01	105	406636	20.42	ug/l	100
74) N-amyl acetate	10.89	43	170576	19.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	132273	18.60	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149518	22.69	ug/l	92
77) Bromobenzene	11.25	156	109781	20.52	ug/l	93
78) n-propylbenzene	11.35	91	455135	20.13	ug/l	98
79) 2-Chlorotoluene	11.42	91	271045	19.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337626	20.43	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41091	17.75	ug/l	96
82) 4-Chlorotoluene	11.51	91	312241	20.05	ug/l	99
83) tert-Butylbenzene	11.76	119	323609	20.84	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	339339	20.47	ug/l	100
85) sec-Butylbenzene	11.94	105	392530	20.63	ug/l	100
86) p-Isopropyltoluene	12.06	119	365542	20.79	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187891	19.54	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	188295	19.55	ug/l	98
89) n-Butylbenzene	12.39	91	304475	19.88	ug/l	100
90) Hexachloroethane	12.59	117	62629	19.18	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188468	19.74	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27506	18.00	ug/l	97

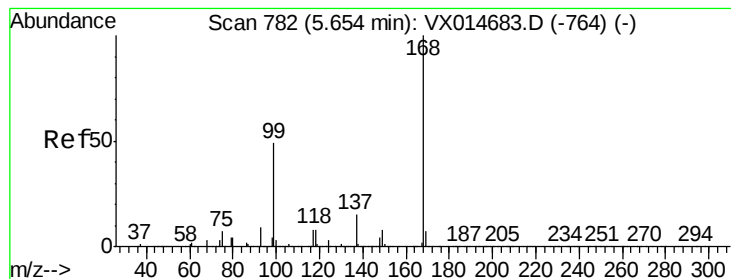
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020620\
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Feb 06 14:35:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127689	20.74	ug/l	99
94) Hexachlorobutadiene	13.78	225	65486	20.67	ug/l	98
95) Naphthalene	13.83	128	369945	19.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128481	20.64	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

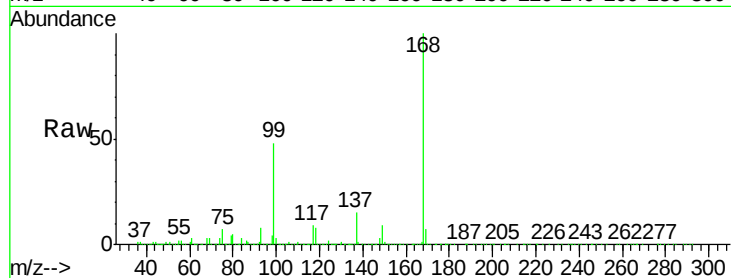
VX0206WBS01

Tgt Ion:168 Resp: 415897

Ion Ratio Lower Upper

168 100

99 47.4 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

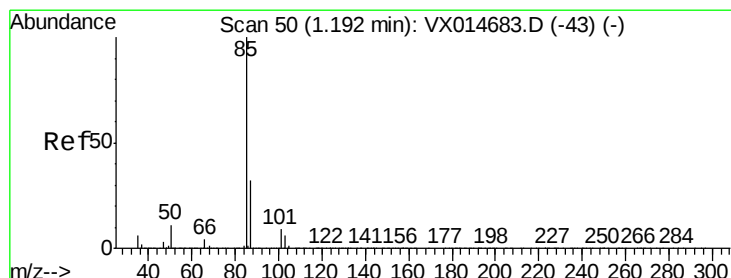
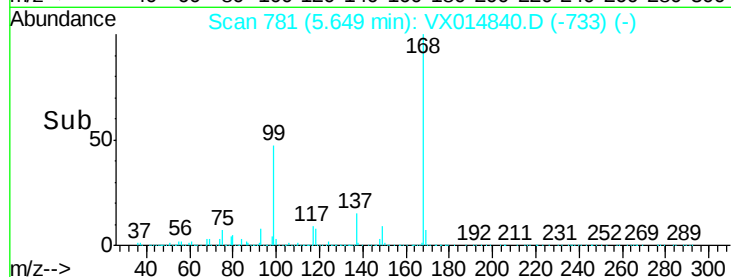
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.22 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014840.D

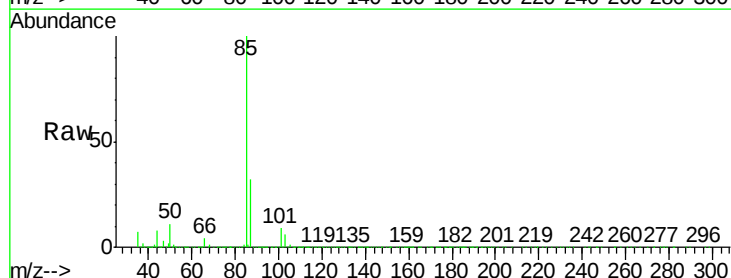
Acq: 06 Feb 2020 11:57

Tgt Ion: 85 Resp: 94159

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

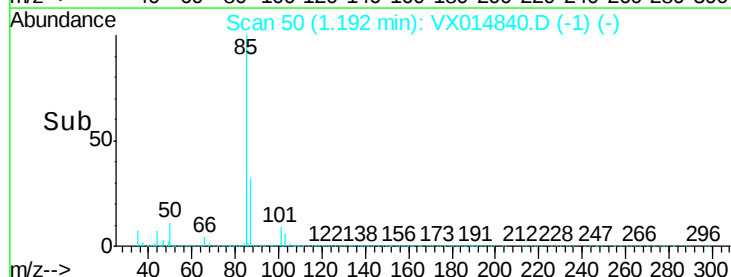
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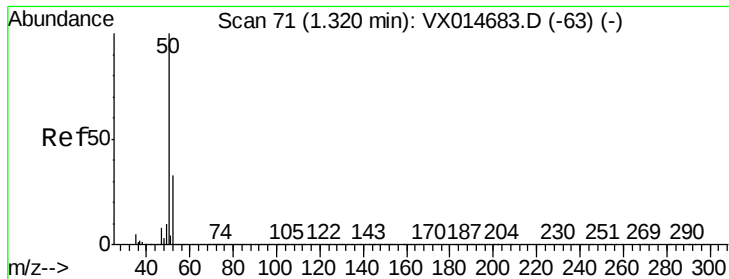
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20000

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Time-->





#3

Chloromethane

Concen: 16.70 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

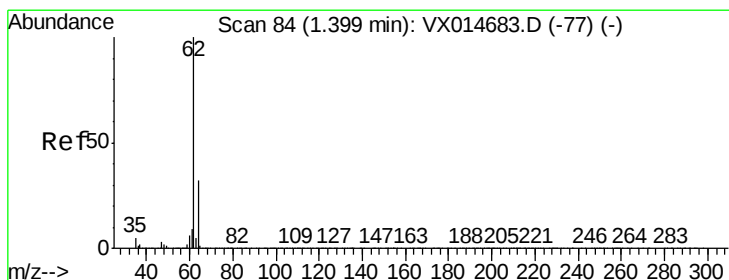
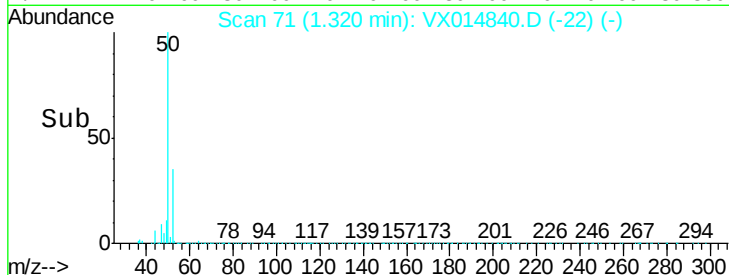
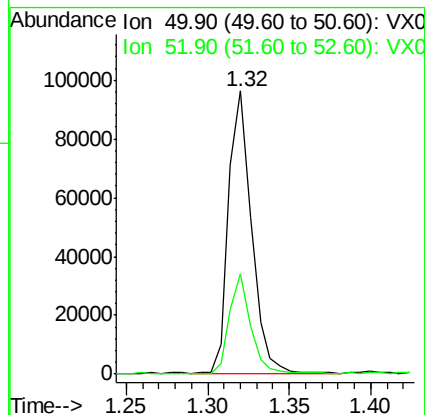
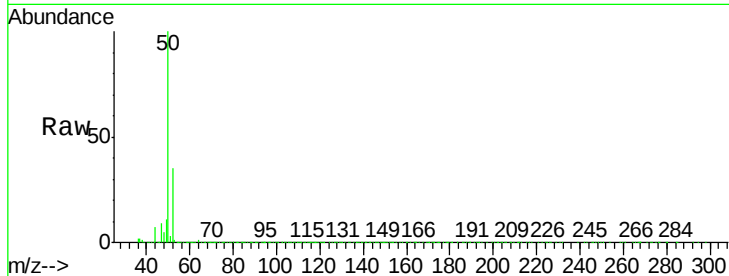
VX0206WBS01

Tgt Ion: 50 Resp: 93942

Ion Ratio Lower Upper

50 100

52 35.2 26.2 39.2



#4

Vinyl Chloride

Concen: 17.89 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014840.D

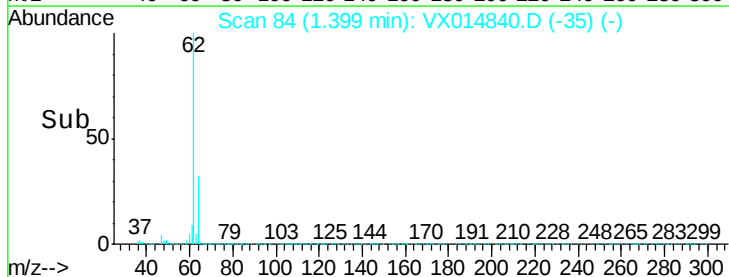
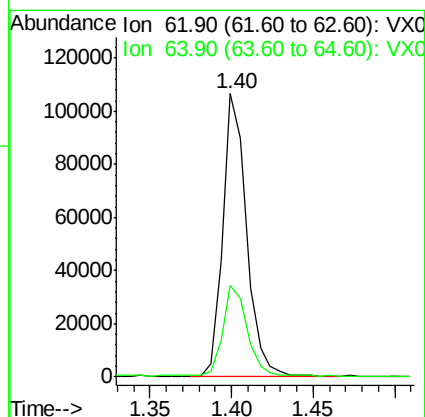
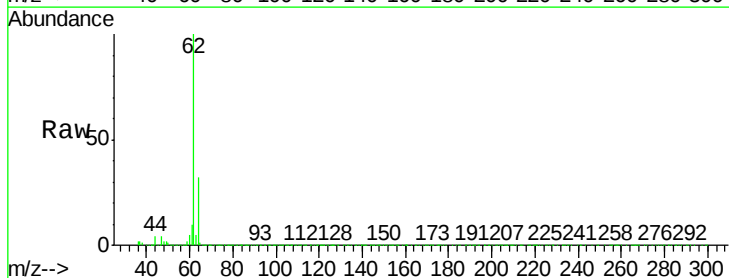
Acq: 06 Feb 2020 11:57

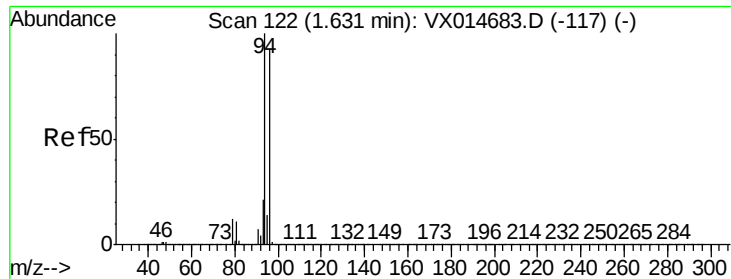
Tgt Ion: 62 Resp: 108853

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 16.38 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

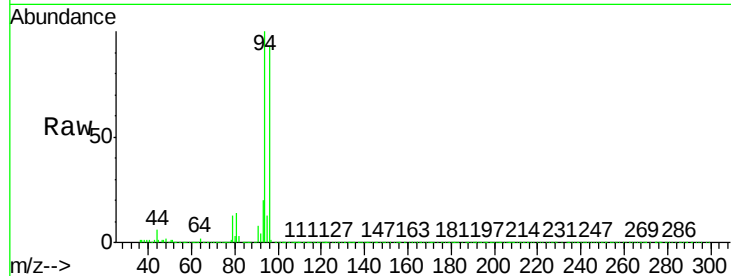
VX0206WBS01

Tgt Ion: 94 Resp: 67700

Ion Ratio Lower Upper

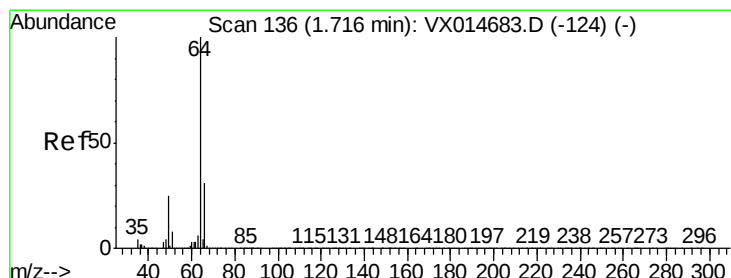
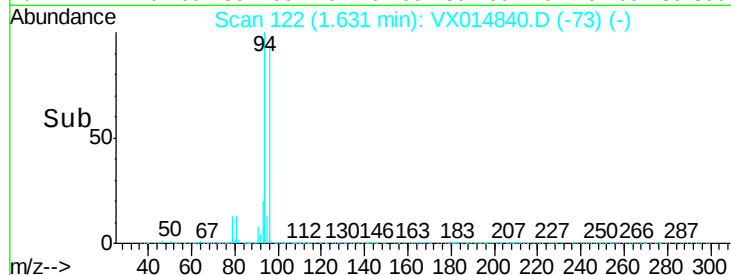
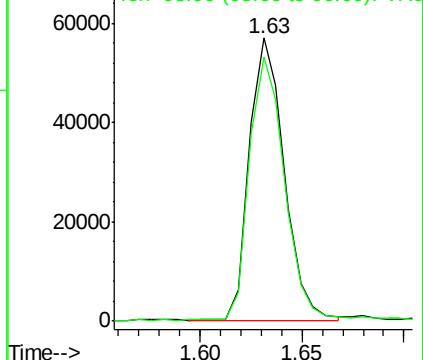
94 100

96 92.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.08 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014840.D

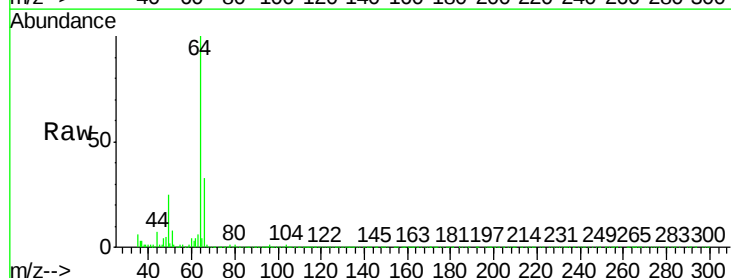
Acq: 06 Feb 2020 11:57

Tgt Ion: 64 Resp: 62605

Ion Ratio Lower Upper

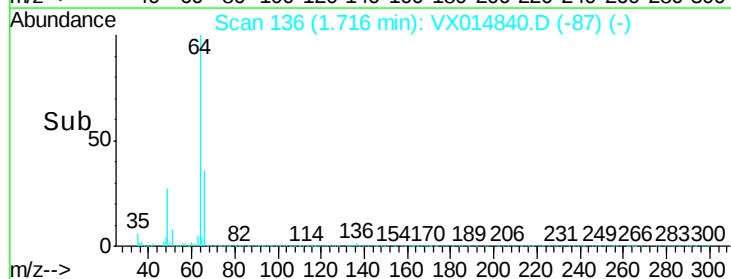
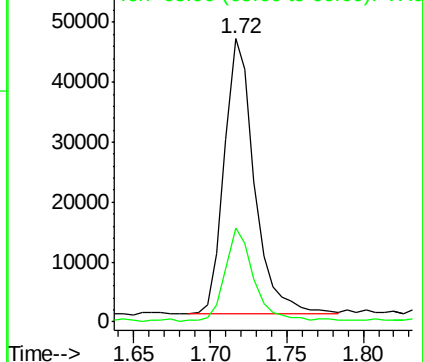
64 100

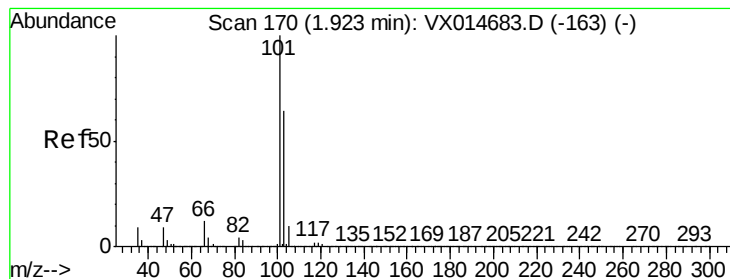
66 33.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



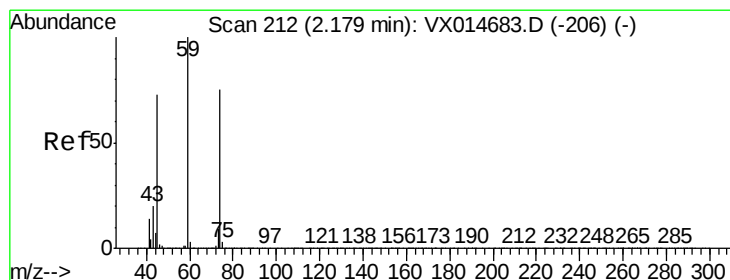
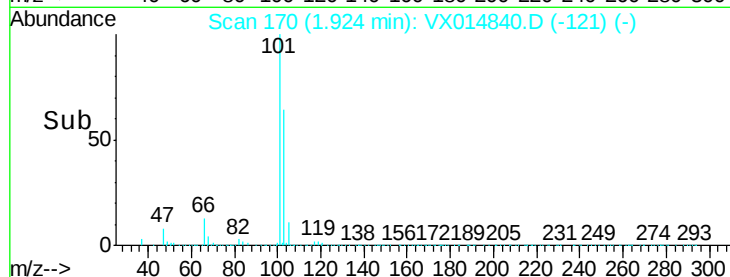
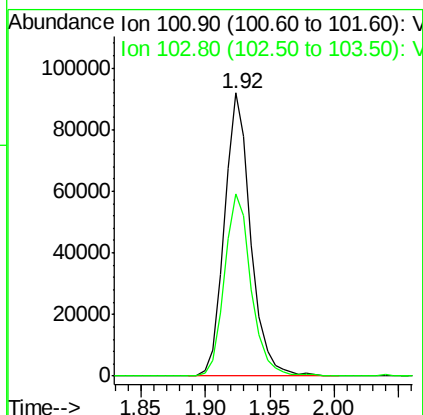
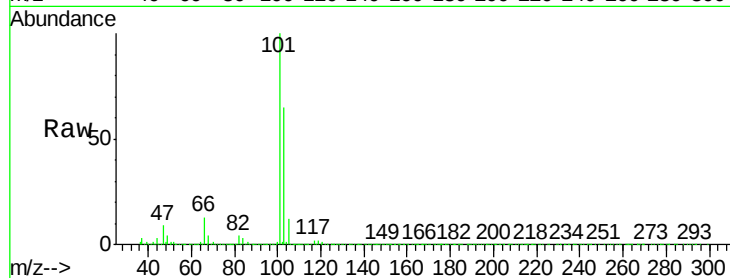


#7

Trichlorofluoromethane
Concen: 18.49 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

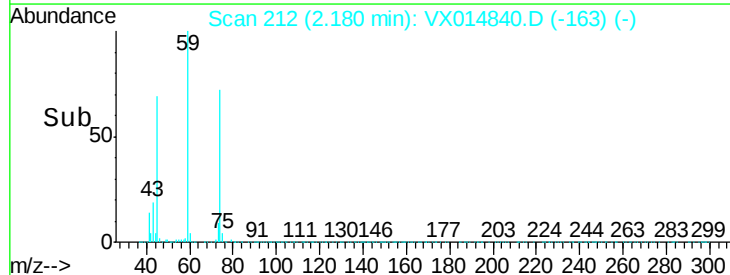
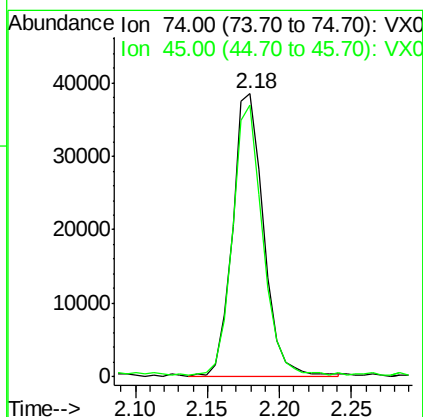
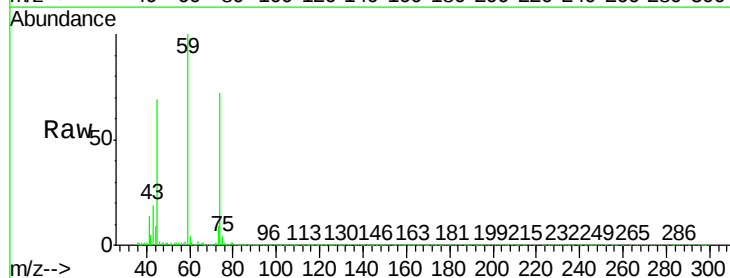
Tgt Ion:101 Resp: 130960
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

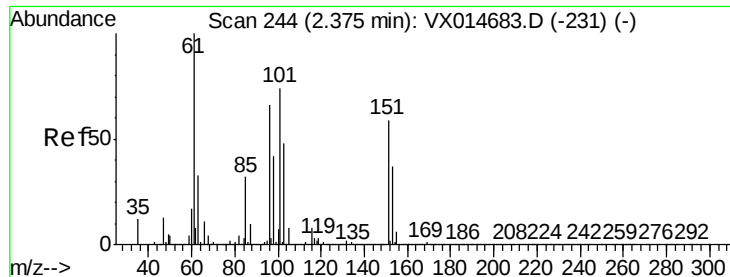


#8

Diethyl Ether
Concen: 18.51 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 74 Resp: 57231
Ion Ratio Lower Upper
74 100
45 92.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.89 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

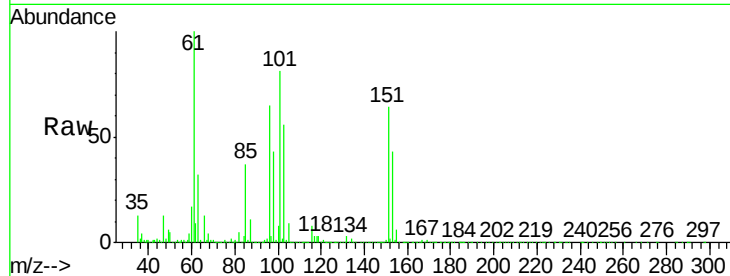
Tgt Ion:101 Resp: 78550

Ion Ratio Lower Upper

101 100

85 42.8 34.7 52.1

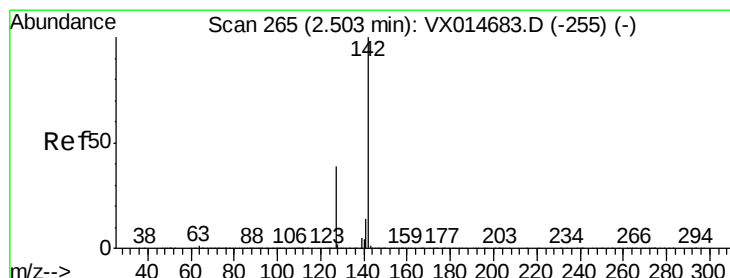
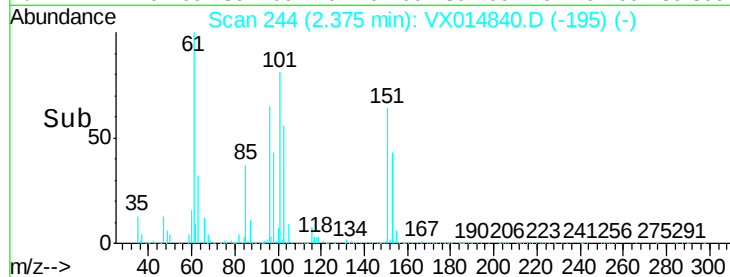
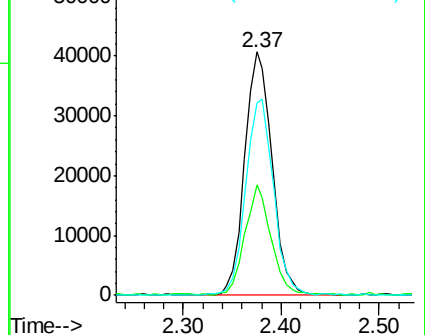
151 82.5 64.7 97.1



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: 17.56 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

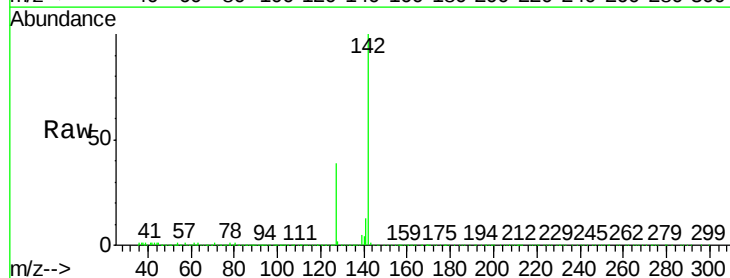
Tgt Ion:142 Resp: 95807

Ion Ratio Lower Upper

142 100

127 38.6 31.1 46.7

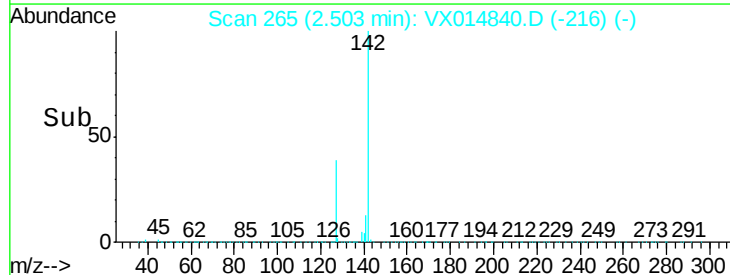
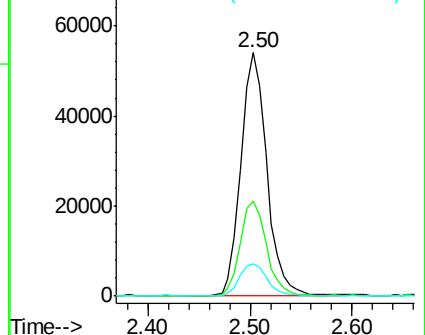
141 14.2 11.3 16.9

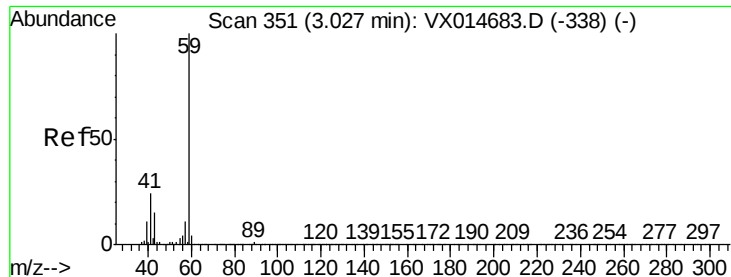


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



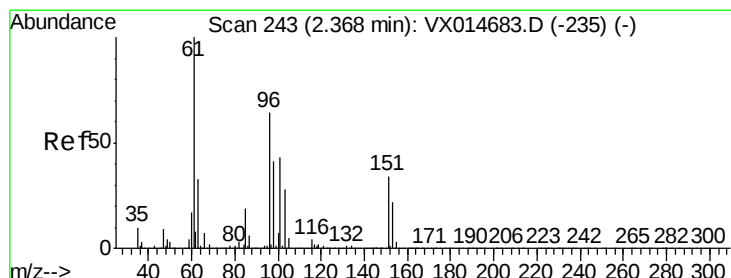
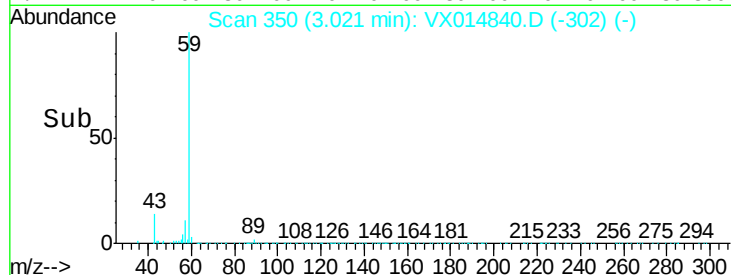
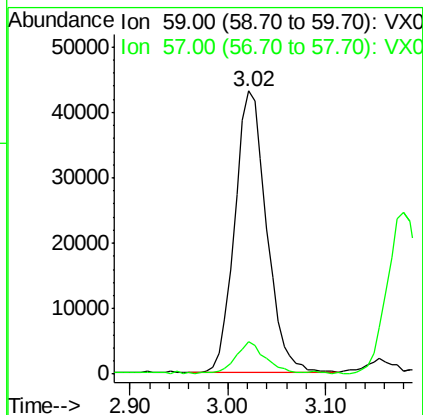
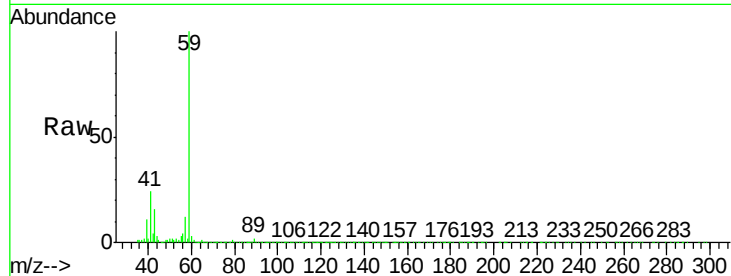


#11

Tert butyl alcohol
Concen: 88.90 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

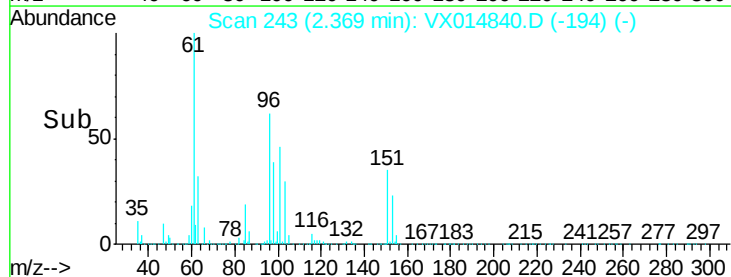
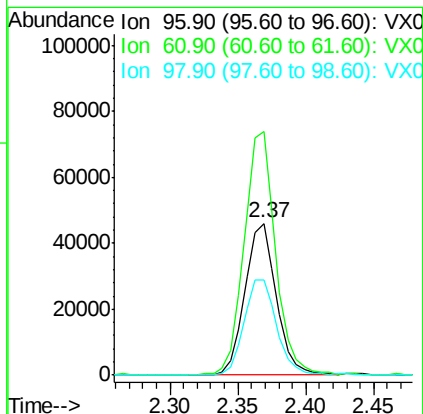
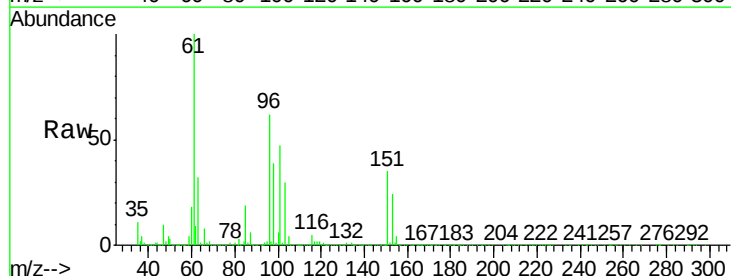
Tgt Ion: 59 Resp: 96936
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

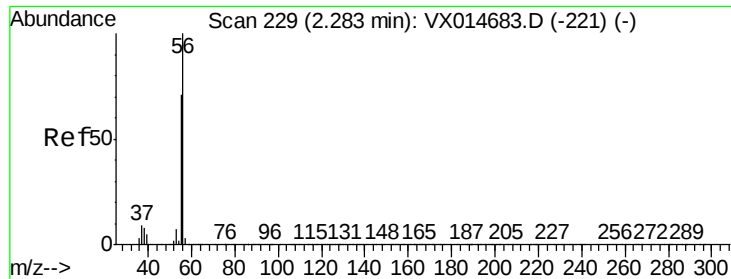


#12

1,1-Dichloroethene
Concen: 17.82 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 96 Resp: 73692
Ion Ratio Lower Upper
96 100
61 160.4 125.8 188.8
98 62.0 51.5 77.3

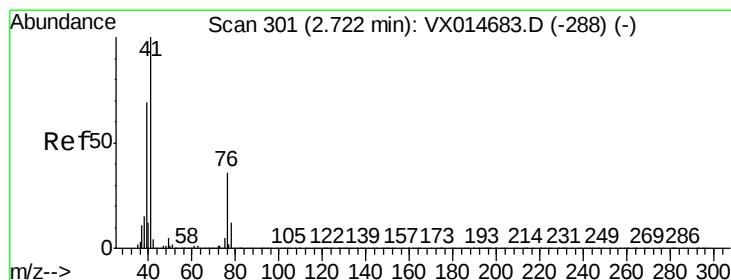
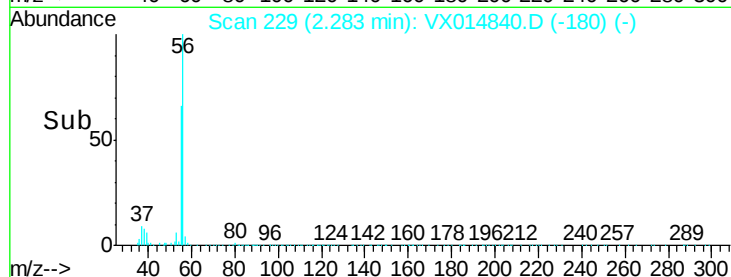
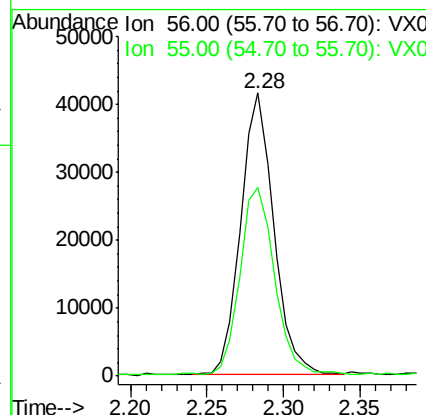
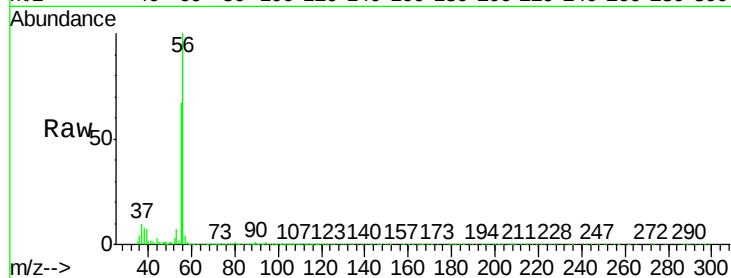




#13
Acrolein
Concen: 72.35 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

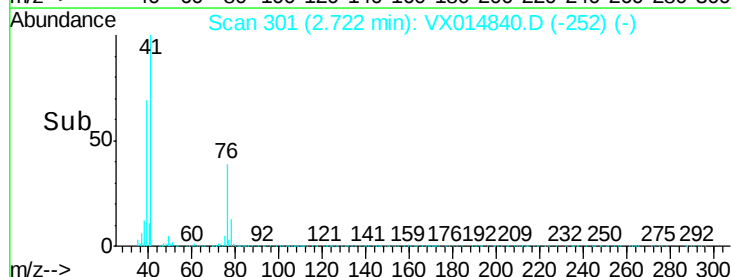
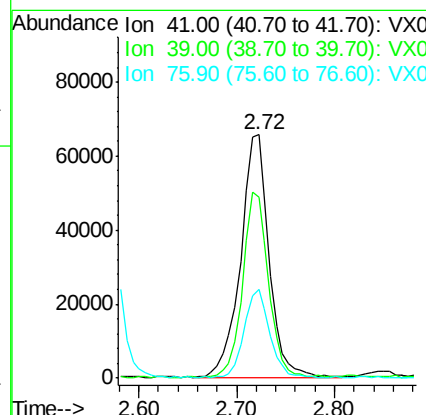
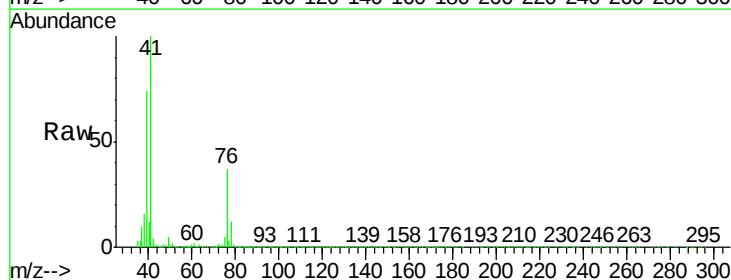
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

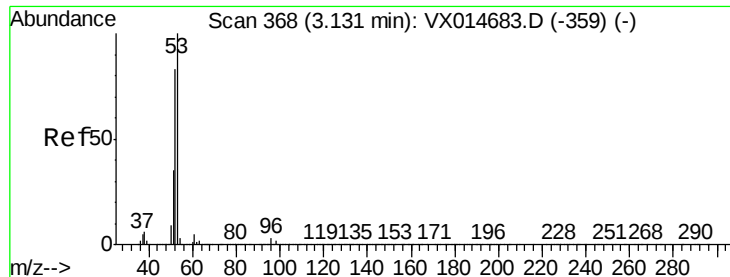
Tgt Ion: 56 Resp: 62201
Ion Ratio Lower Upper
56 100
55 70.2 56.6 84.8



#14
Allyl chloride
Concen: 17.74 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 41 Resp: 131863
Ion Ratio Lower Upper
41 100
39 70.0 52.0 78.0
76 32.6 26.0 39.0





#15

Acrylonitrile

Concen: 90.46 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

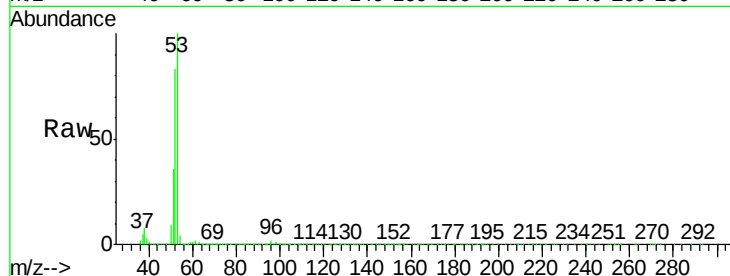
Tgt Ion: 53 Resp: 228225

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

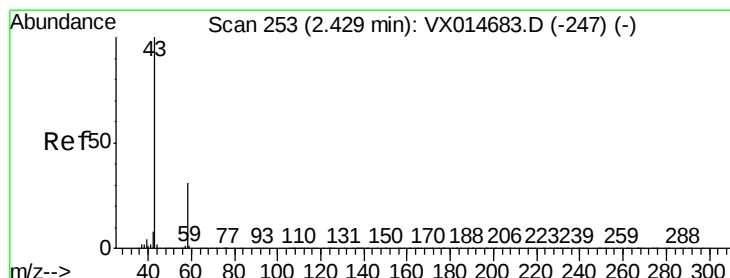
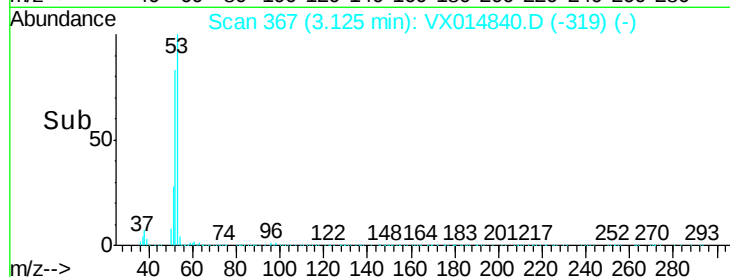
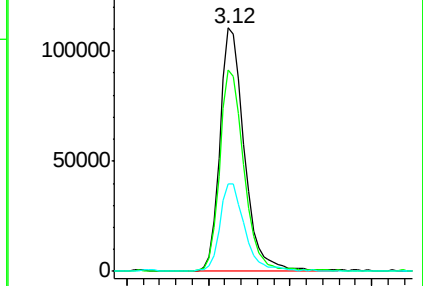
51 36.3 28.7 43.1



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: 93.90 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014840.D

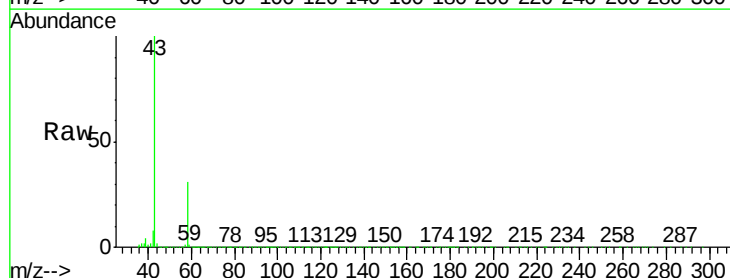
Acq: 06 Feb 2020 11:57

Tgt Ion: 43 Resp: 249698

Ion Ratio Lower Upper

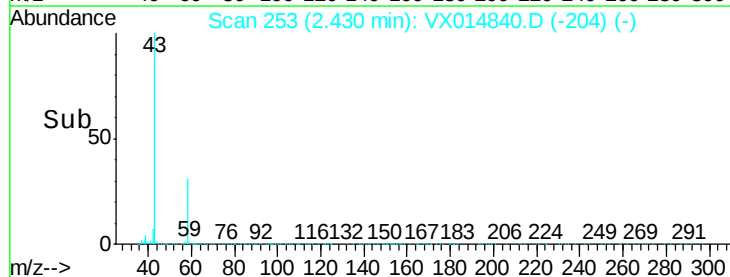
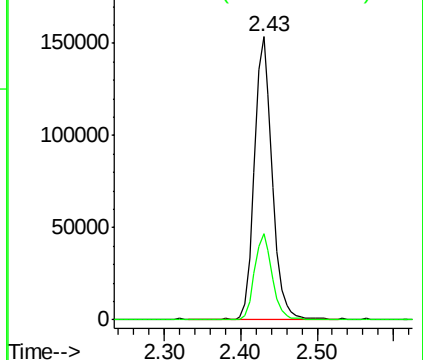
43 100

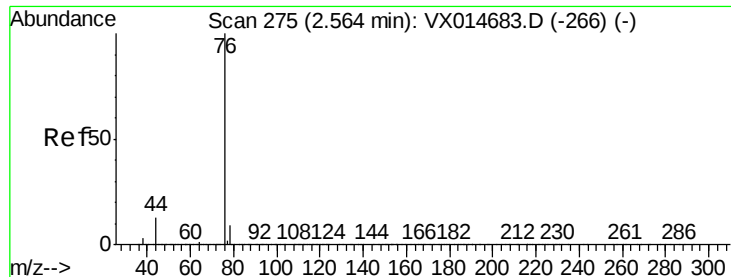
58 30.5 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

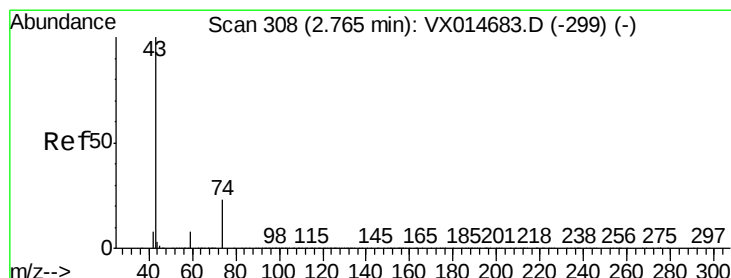
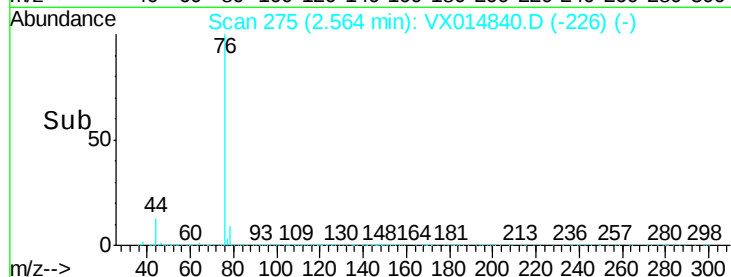
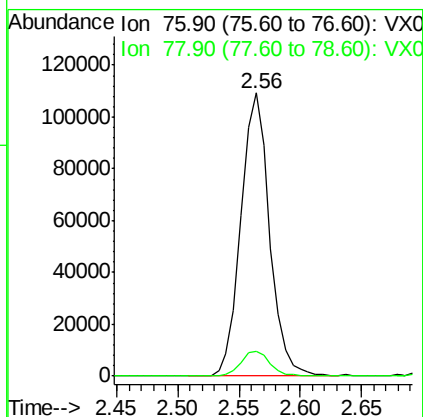
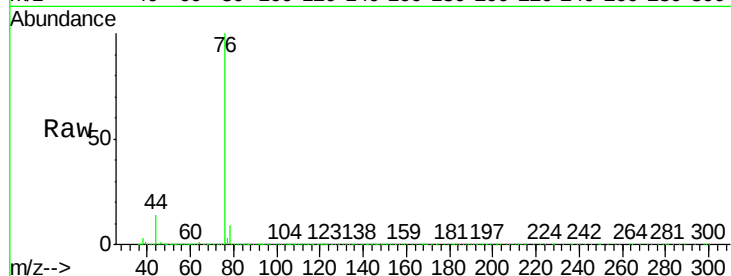




#17
Carbon Disulfide
Concen: 15.75 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

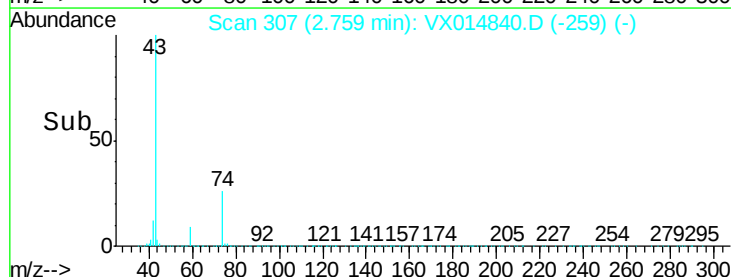
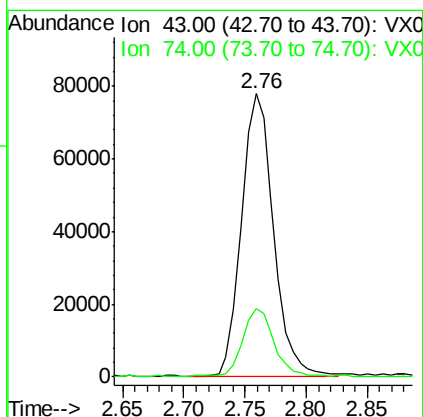
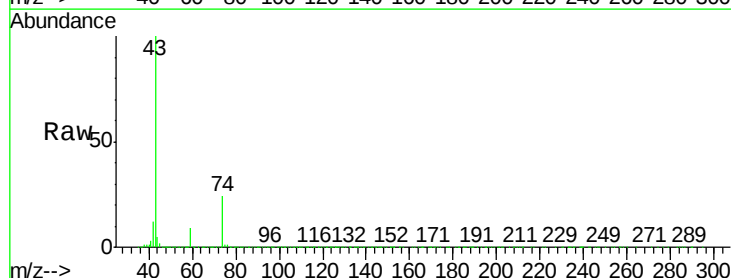
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

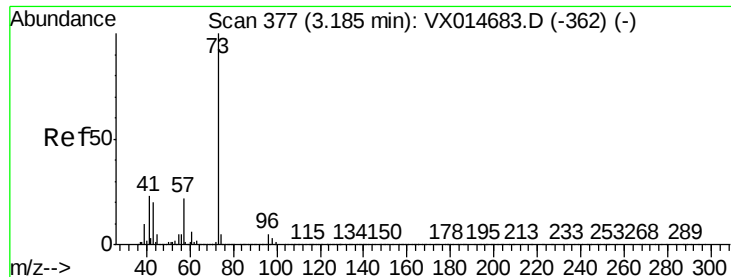
Tgt Ion: 76 Resp: 177937
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 18.76 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 43 Resp: 142515
Ion Ratio Lower Upper
43 100
74 24.0 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 19.35 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

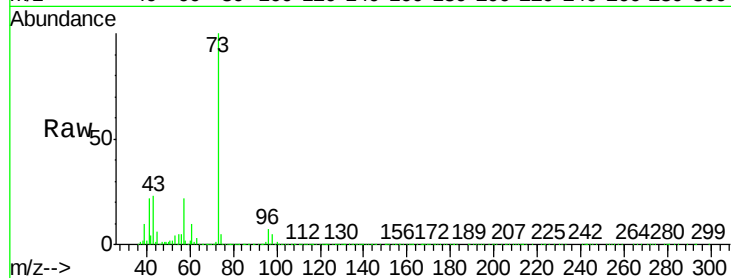
VX0206WBS01

Tgt Ion: 73 Resp: 262097

Ion Ratio Lower Upper

73 100

57 21.8 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

60000

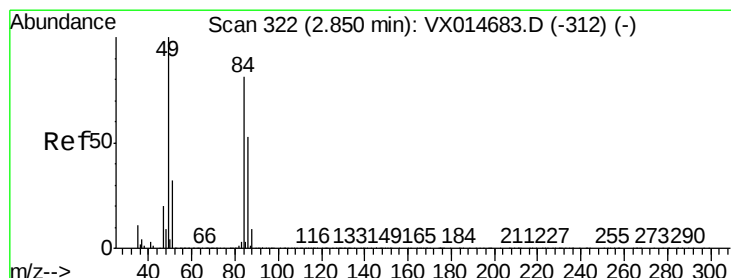
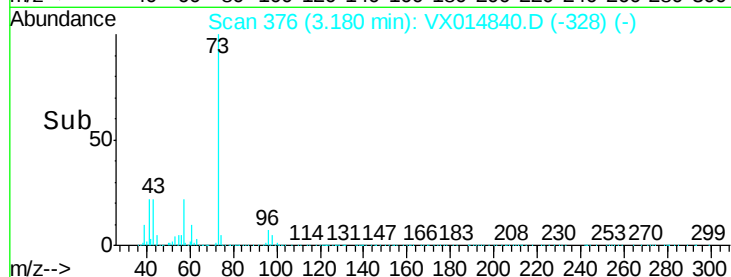
40000

20000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 18.19 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion: 84 Resp: 89594

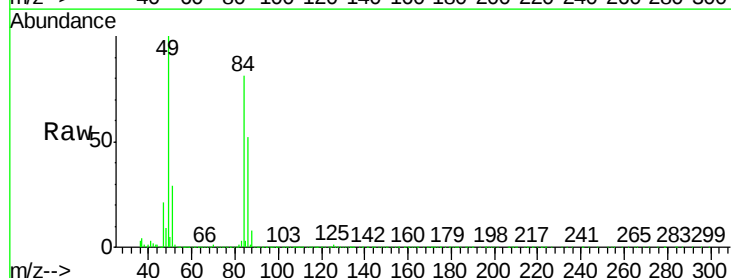
Ion Ratio Lower Upper

84 100

49 122.5 98.2 147.4

51 35.2 31.3 46.9

86 64.1 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

60000

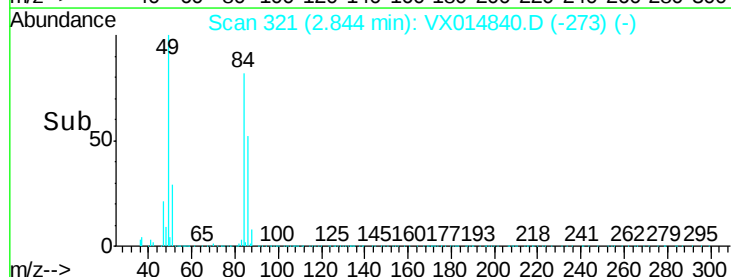
40000

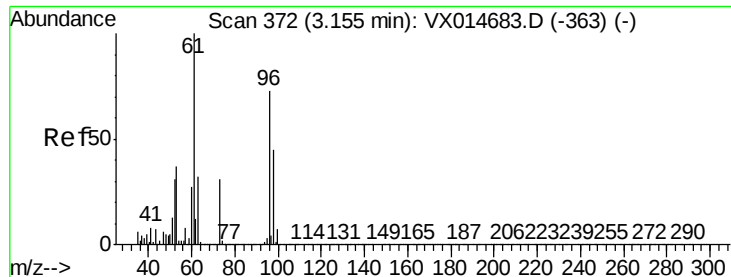
20000

0

Time-->

2.80 2.90





#21

trans-1,2-Dichloroethene

Concen: 17.59 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

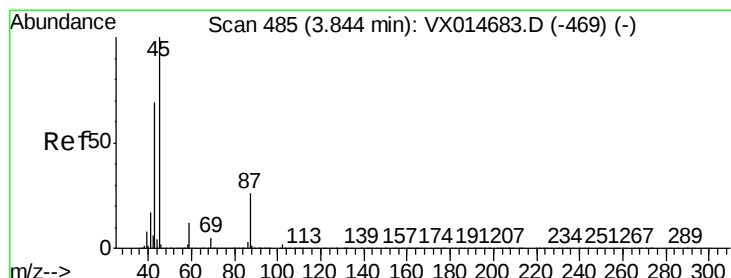
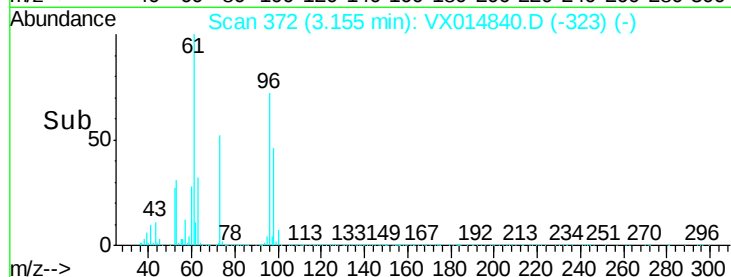
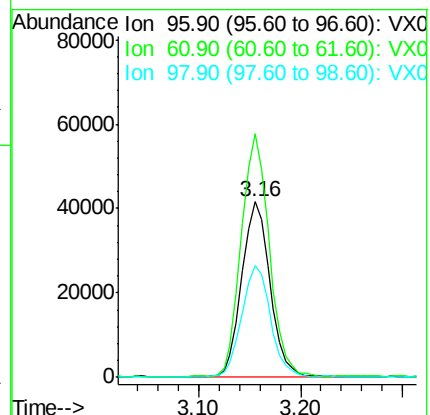
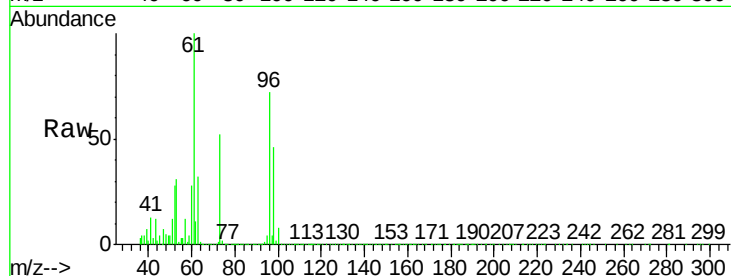
Tgt Ion: 96 Resp: 80055

Ion Ratio Lower Upper

96 100

61 138.2 109.8 164.6

98 63.3 49.6 74.4



#22

Diisopropyl ether

Concen: 19.12 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion: 45 Resp: 282743

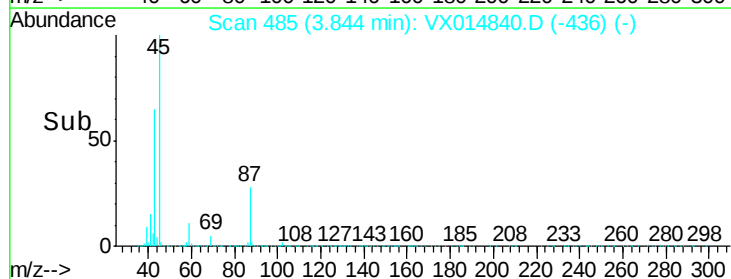
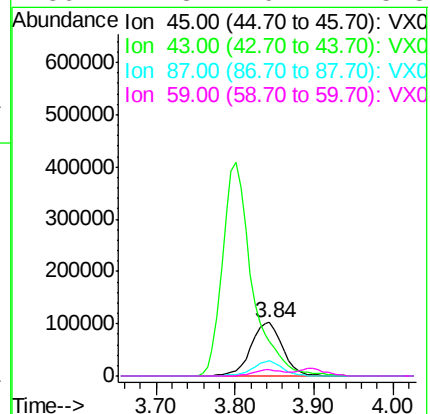
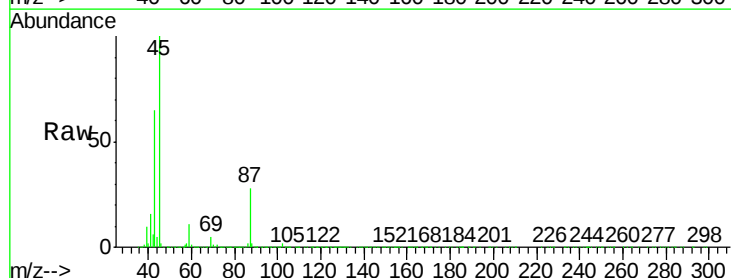
Ion Ratio Lower Upper

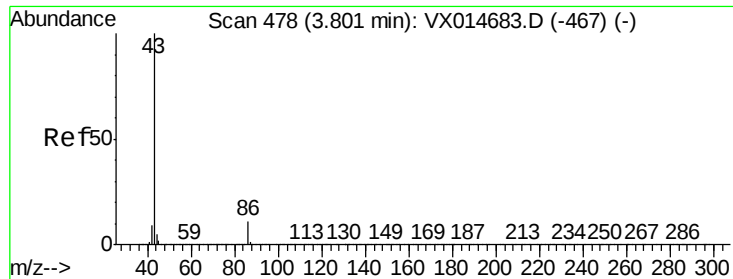
45 100

43 64.5 55.1 82.7

87 28.2 20.7 31.1

59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 94.94 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

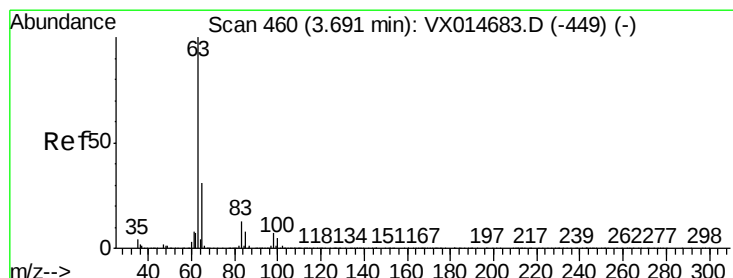
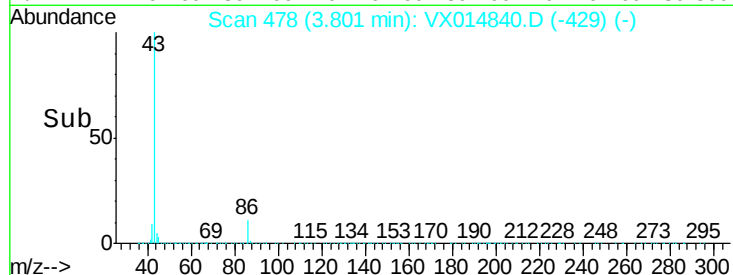
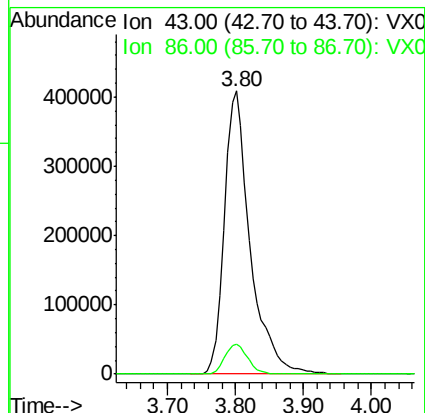
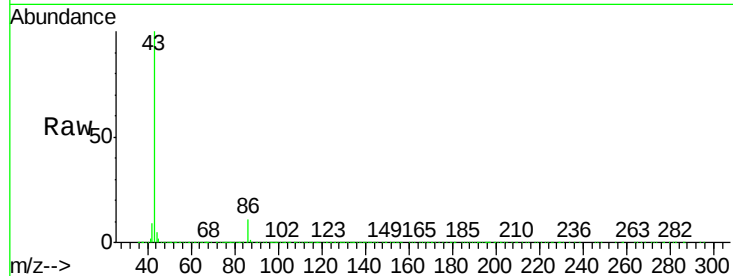
VX0206WBS01

Tgt Ion: 43 Resp: 1070047

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.99 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

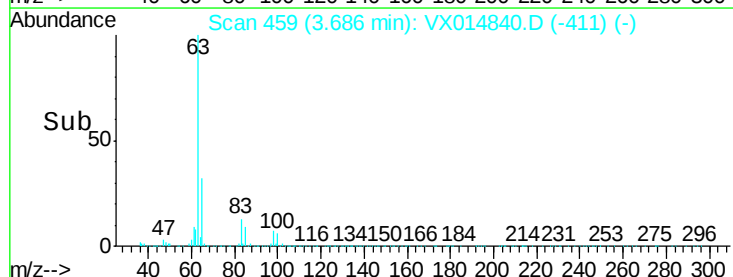
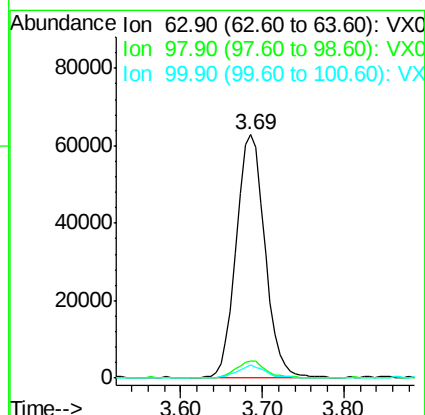
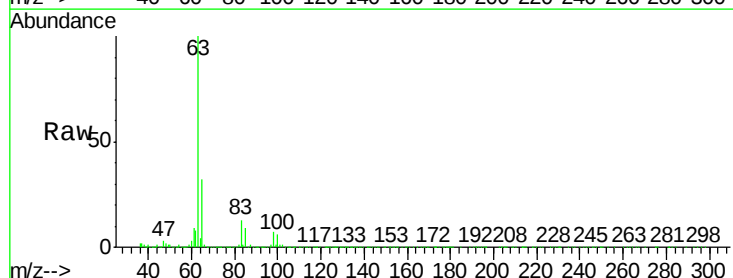
Tgt Ion: 63 Resp: 152494

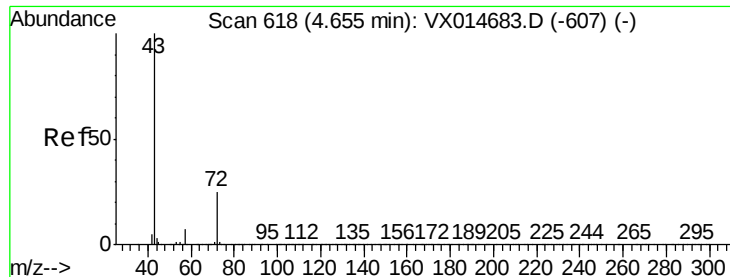
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.5 2.2 6.6





#25

2-Butanone

Concen: 87.60 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

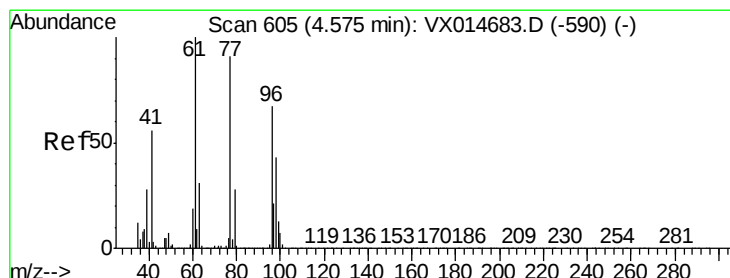
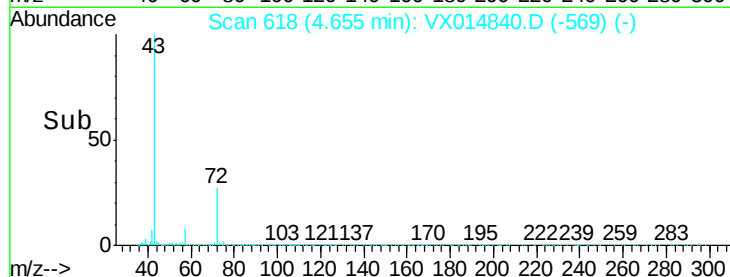
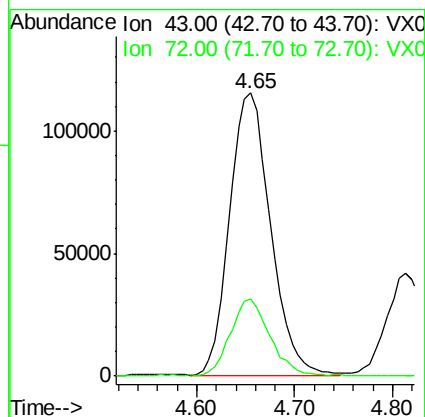
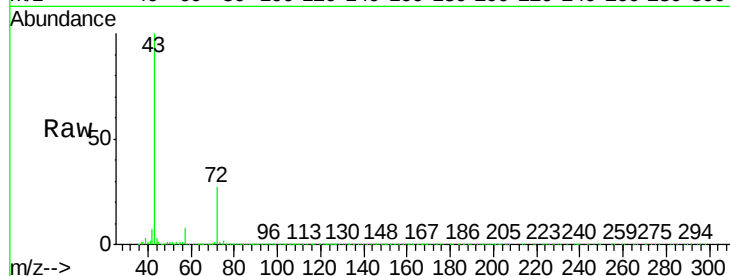
VX0206WBS01

Tgt Ion: 43 Resp: 334083

Ion Ratio Lower Upper

43 100

72 27.1 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.43 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014840.D

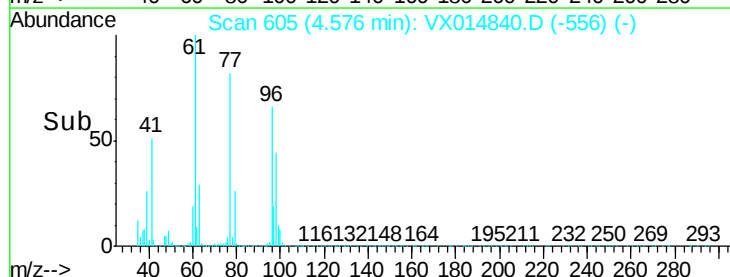
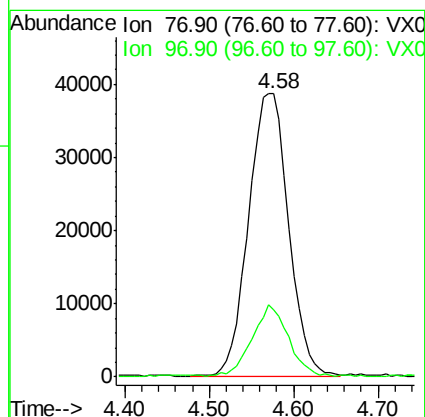
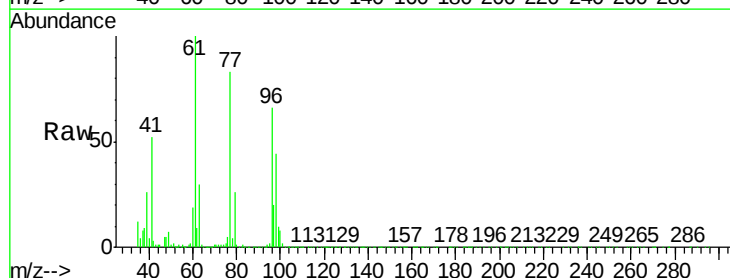
Acq: 06 Feb 2020 11:57

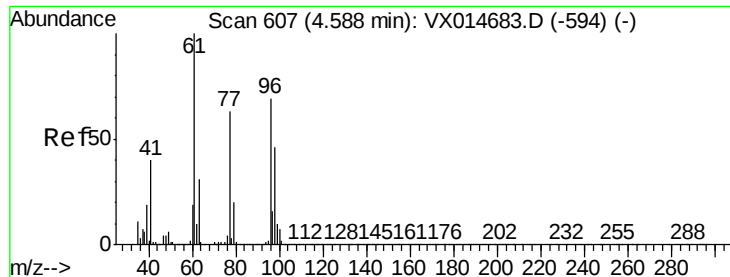
Tgt Ion: 77 Resp: 124894

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.41 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

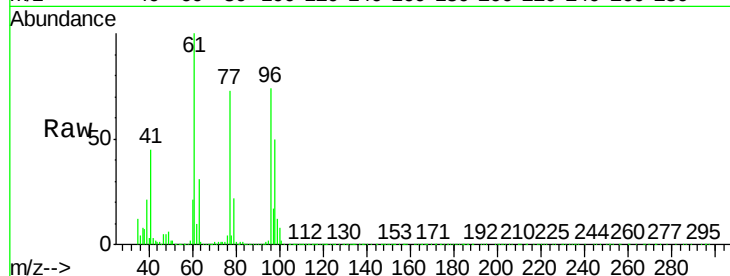
Tgt Ion: 96 Resp: 93812

Ion Ratio Lower Upper

96 100

61 147.2 0.0 291.0

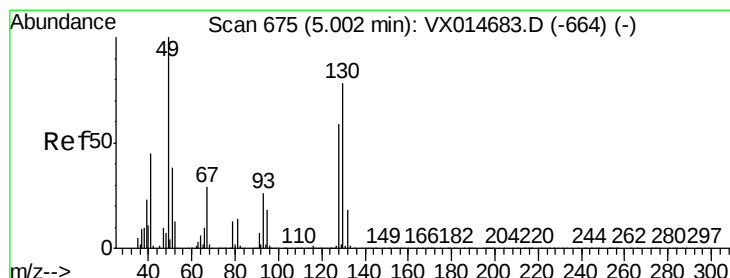
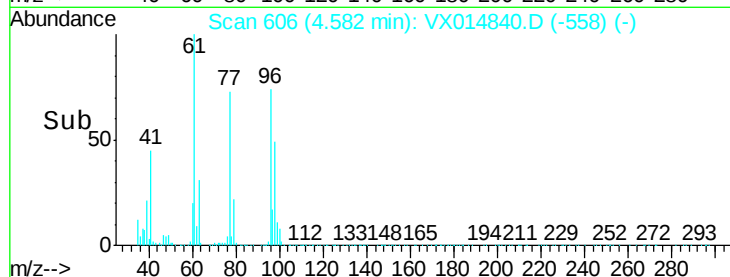
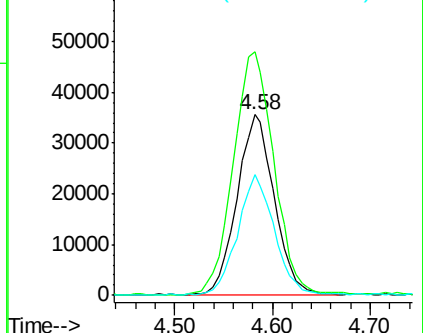
98 65.6 0.0 129.8



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: 16.63 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

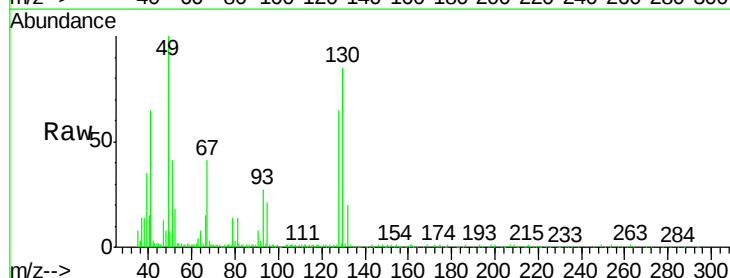
Tgt Ion: 49 Resp: 58670

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

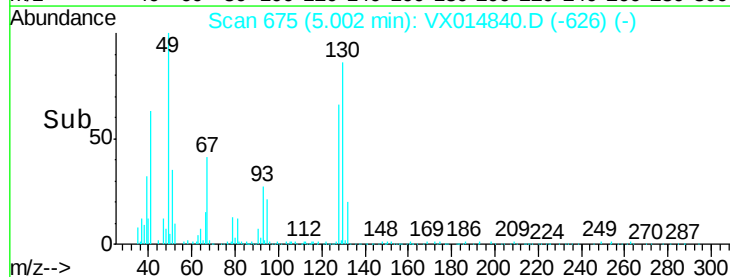
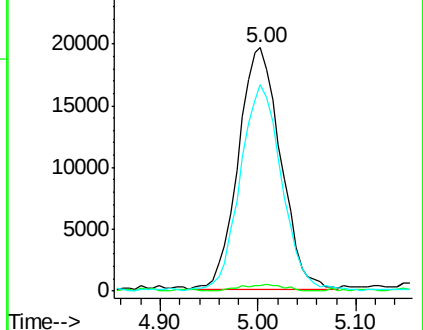
130 83.5 62.4 93.6

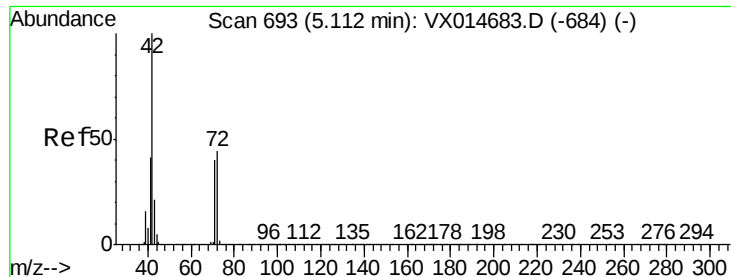


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 89.41 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

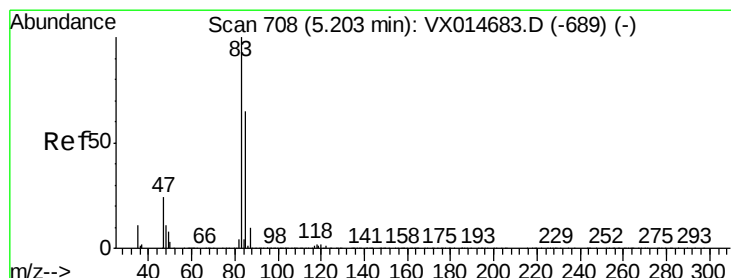
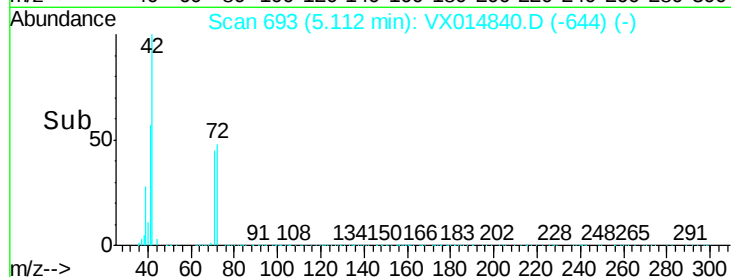
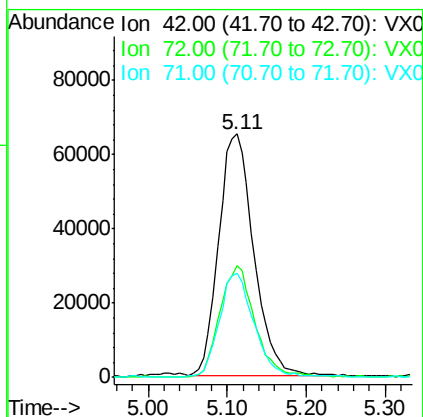
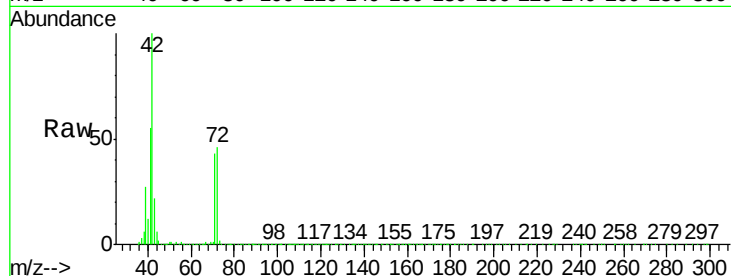
Tgt Ion: 42 Resp: 202370

Ion Ratio Lower Upper

42 100

72 45.2 35.3 52.9

71 41.7 33.1 49.7



#30

Chloroform

Concen: 19.02 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014840.D

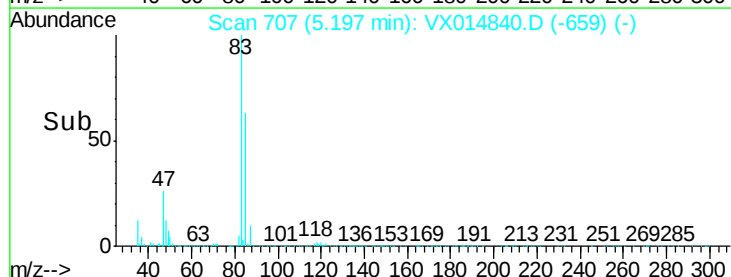
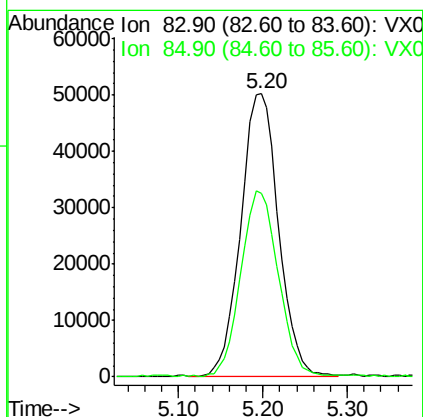
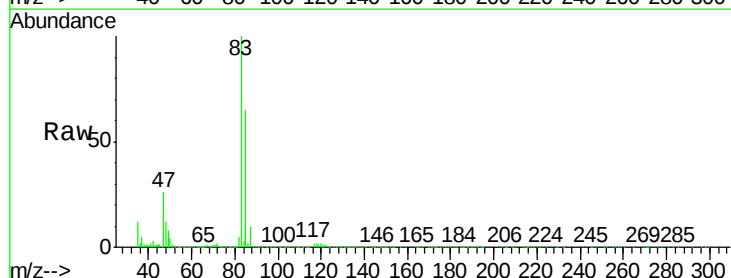
Acq: 06 Feb 2020 11:57

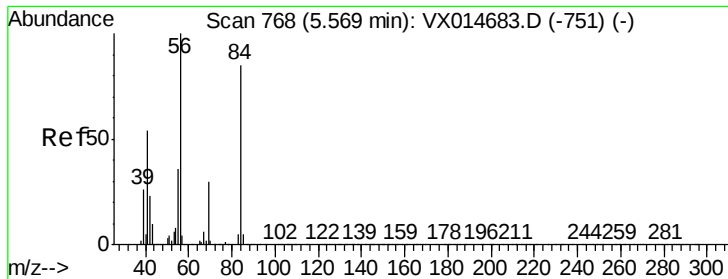
Tgt Ion: 83 Resp: 151318

Ion Ratio Lower Upper

83 100

85 64.7 51.7 77.5

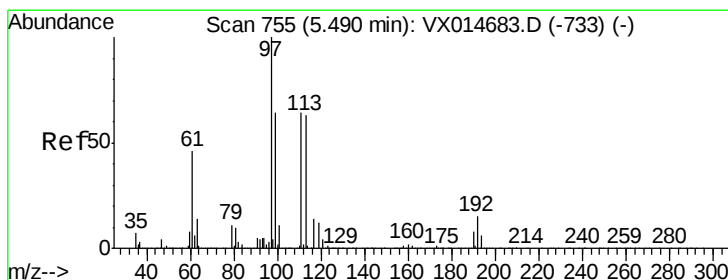
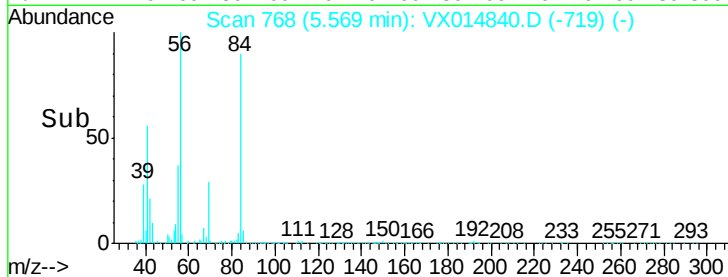
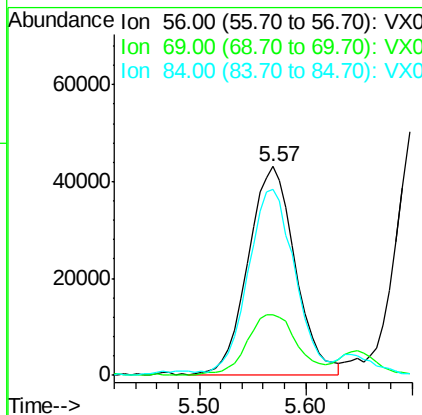
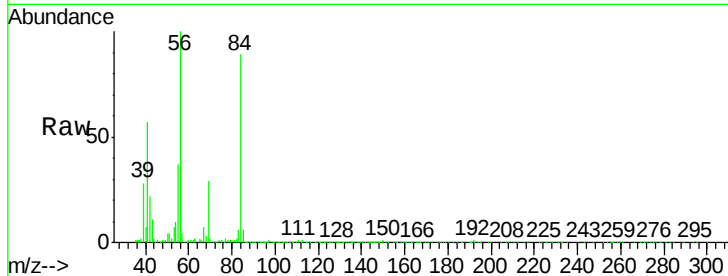




#31
Cyclohexane
Concen: 17.47 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

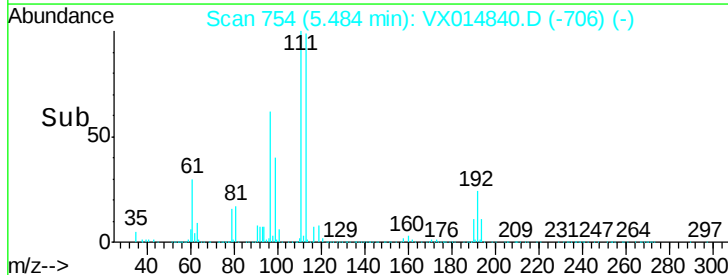
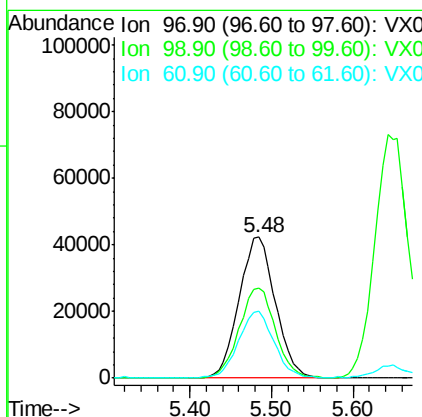
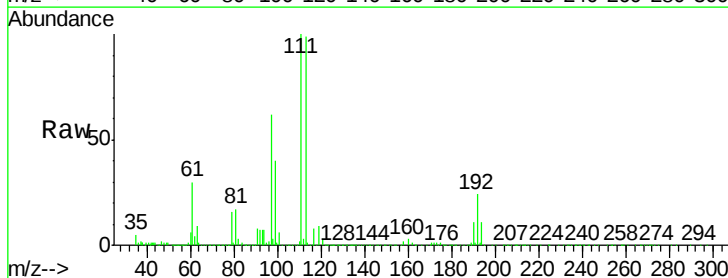
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

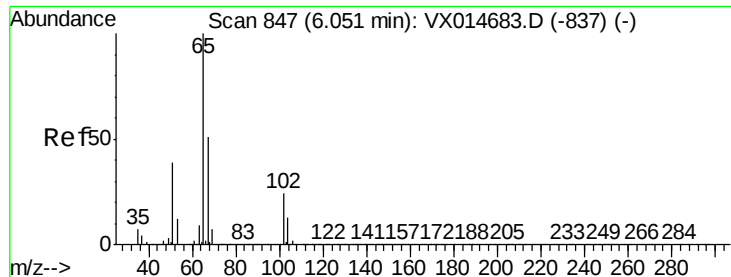
Tgt Ion: 56 Resp: 131963
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.2
84 87.9 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 19.27 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 97 Resp: 129543
Ion Ratio Lower Upper
97 100
99 63.6 52.3 78.5
61 47.0 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 47.39 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

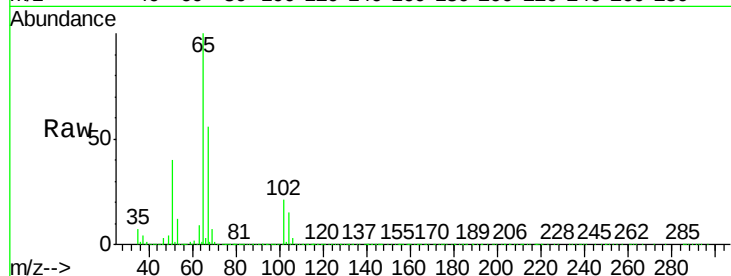
VX0206WBS01

Tgt Ion: 65 Resp: 230178

Ion Ratio Lower Upper

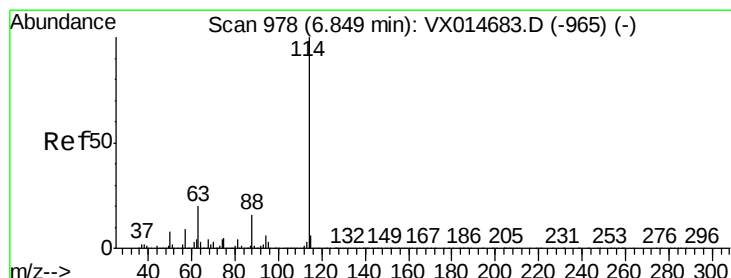
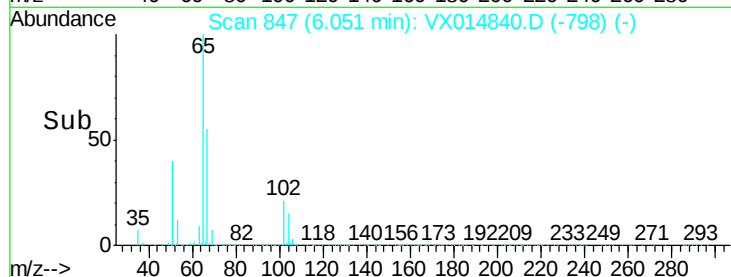
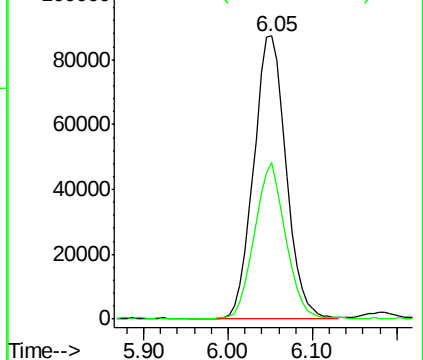
65 100

67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

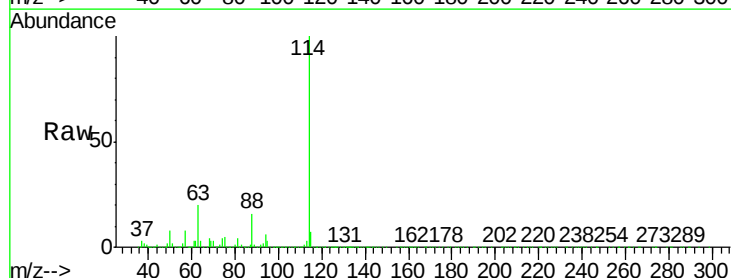
Tgt Ion: 114 Resp: 613053

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

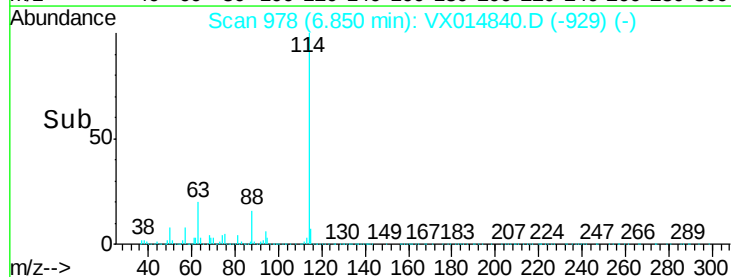
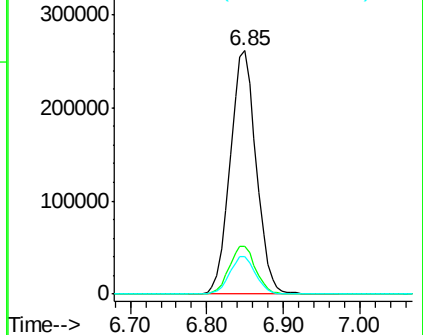
88 15.5 0.0 31.2

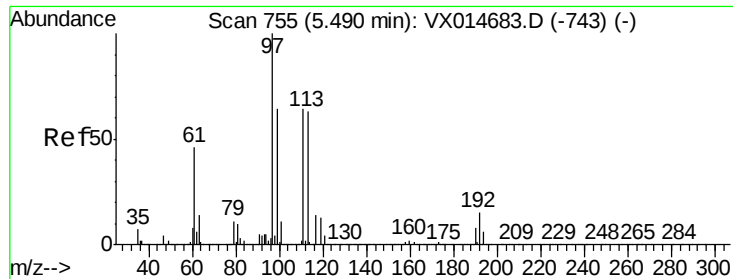


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

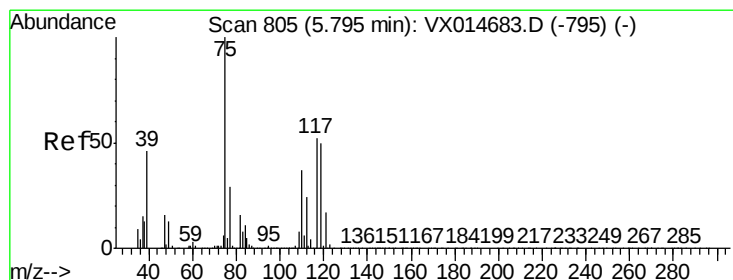
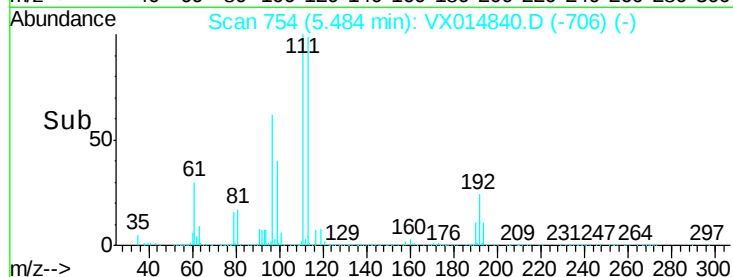
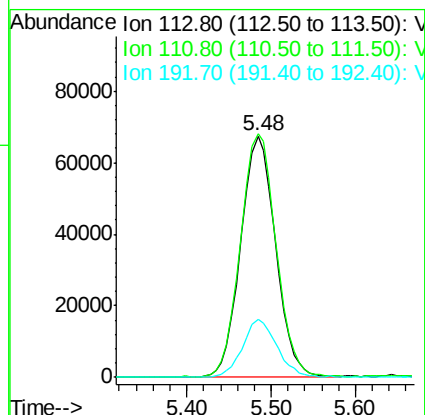
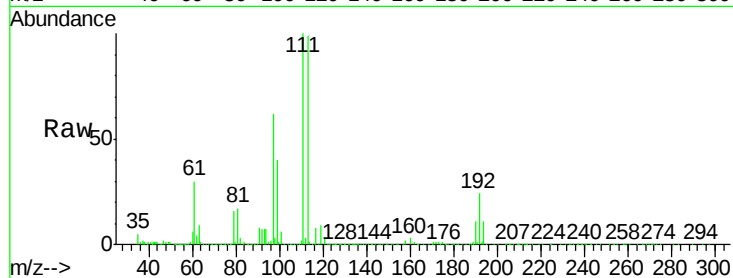




#35
 Dibromofluoromethane
 Concen: 48.92 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

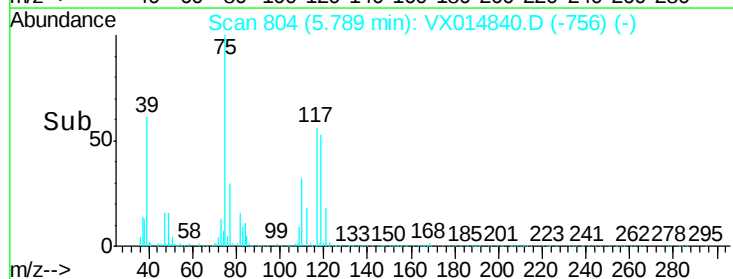
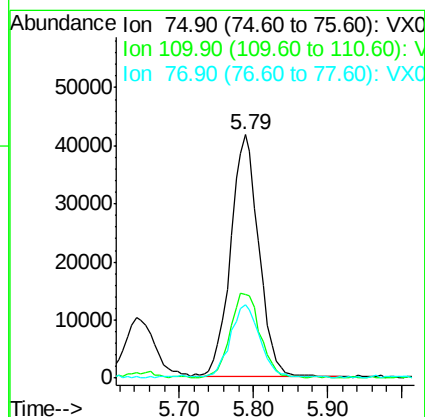
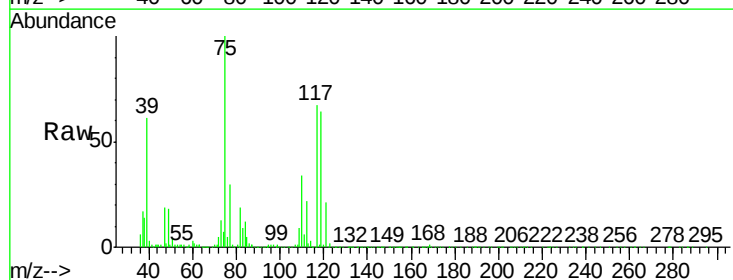
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

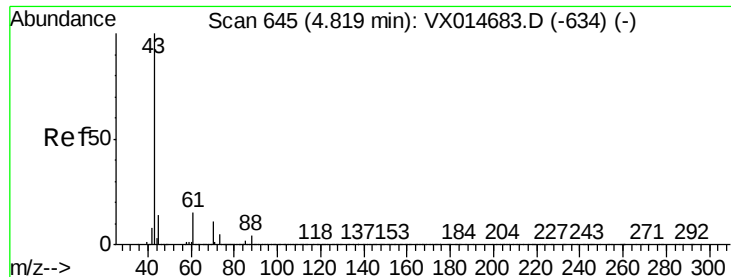
Tgt Ion: 113 Resp: 189236
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 23.7 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 19.48 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion: 75 Resp: 110952
 Ion Ratio Lower Upper
 75 100
 110 37.5 17.9 53.7
 77 30.7 24.1 36.1

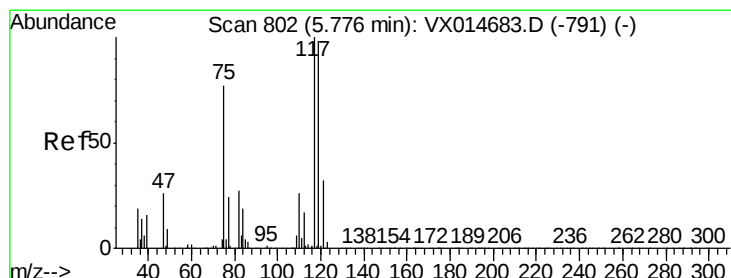
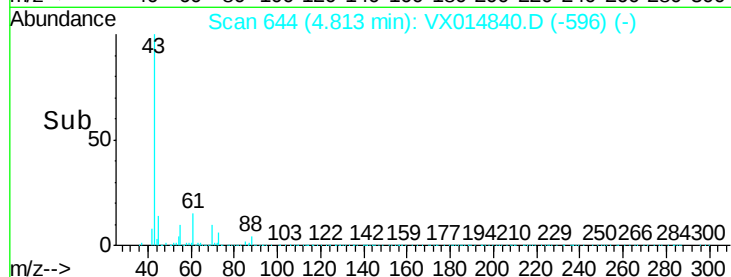
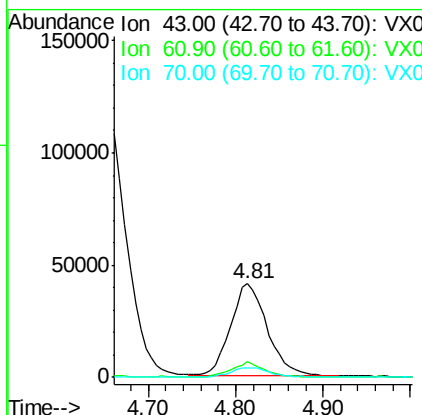
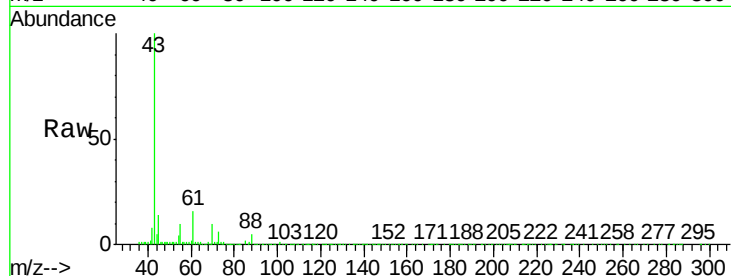




#37
Ethyl Acetate
Concen: 18.41 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

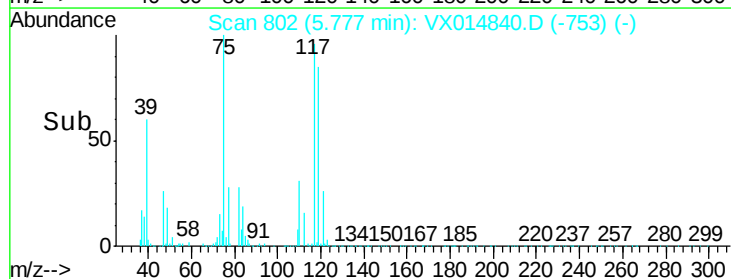
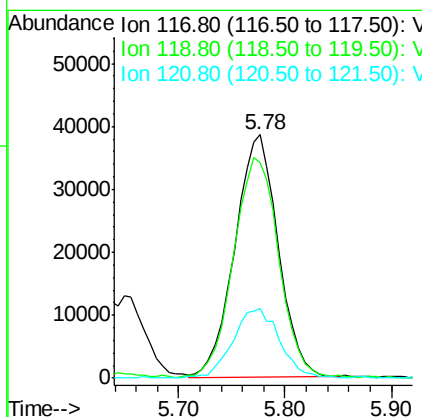
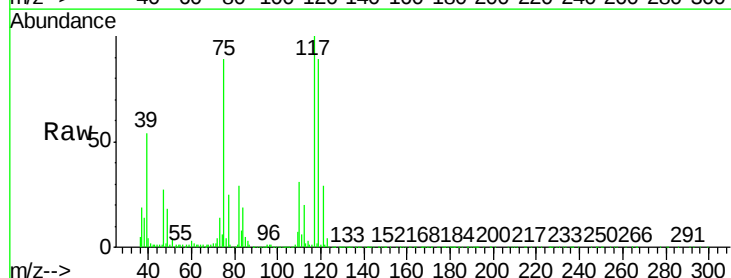
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

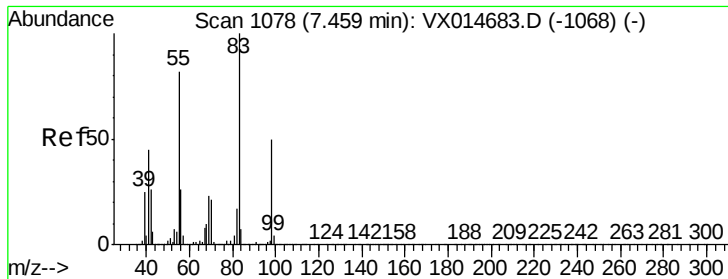
Tgt Ion:	43	Resp:	120107
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.0	16.4
70	11.8	8.5	12.7



#38
Carbon Tetrachloride
Concen: 20.18 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion:	117	Resp:	109788
Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.9	116.9
121	28.6	25.4	38.2

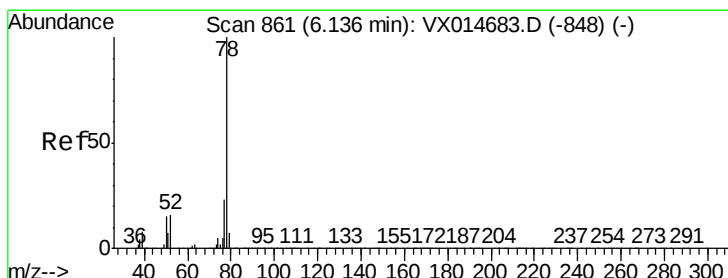
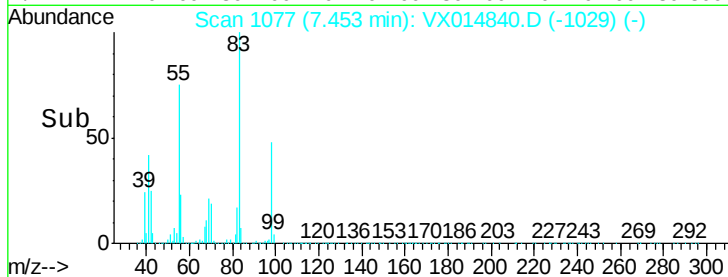
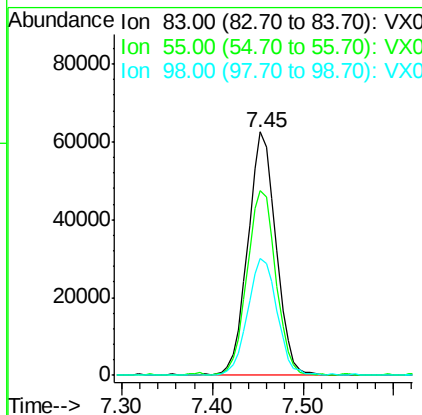
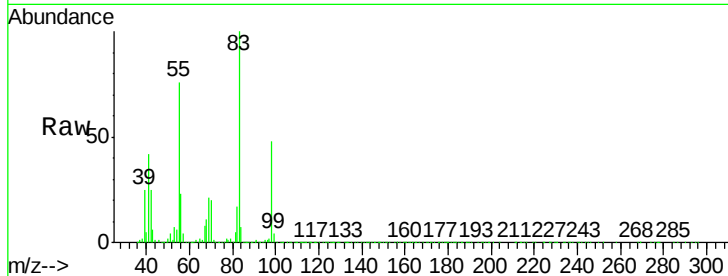




#39
Methylcyclohexane
Concen: 18.67 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

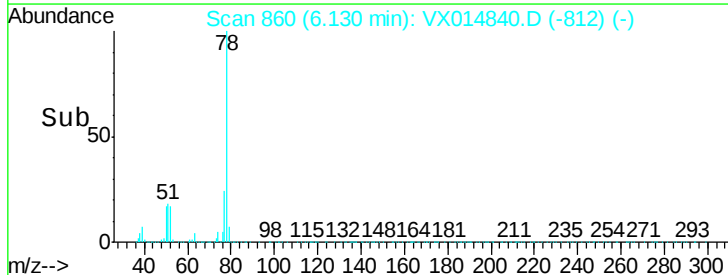
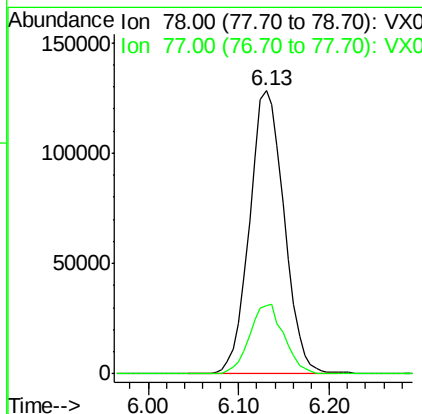
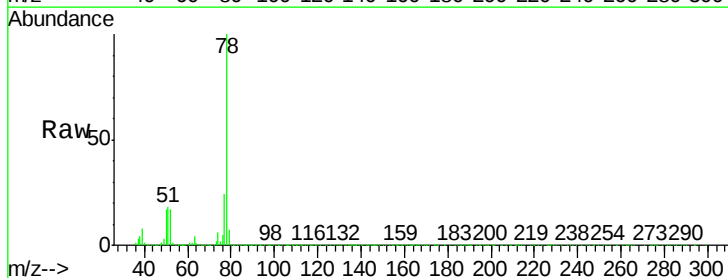
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

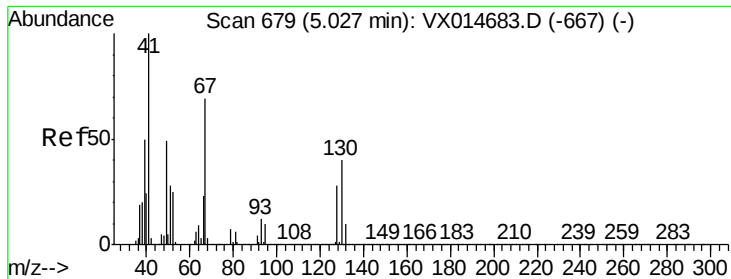
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	65.6	98.4
98	48.1	40.2	60.4



#40
Benzene
Concen: 19.19 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1

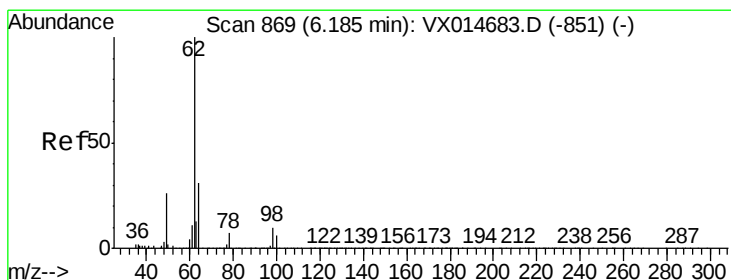
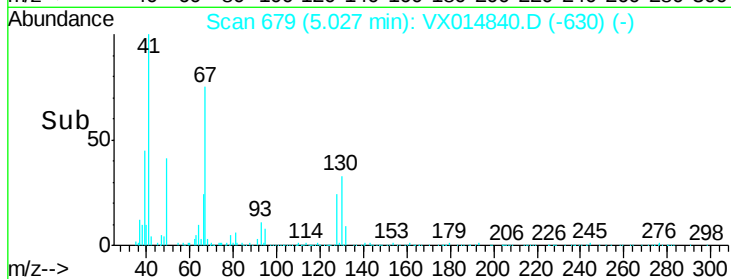
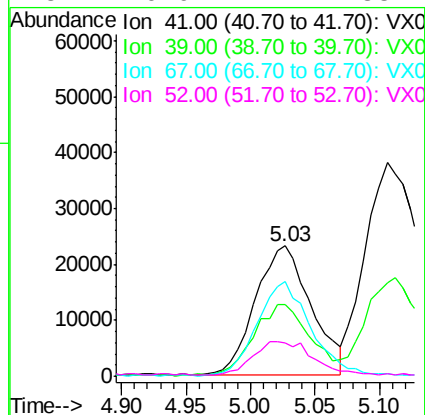
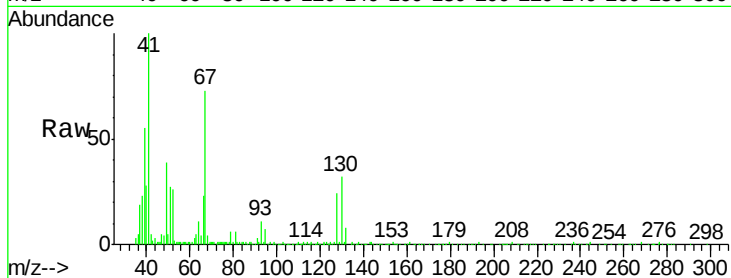




#41
Methacrylonitrile
Concen: 18.43 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

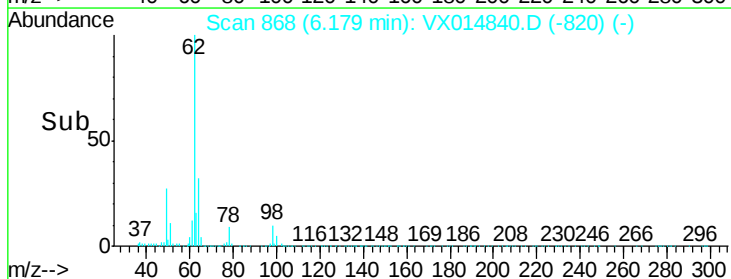
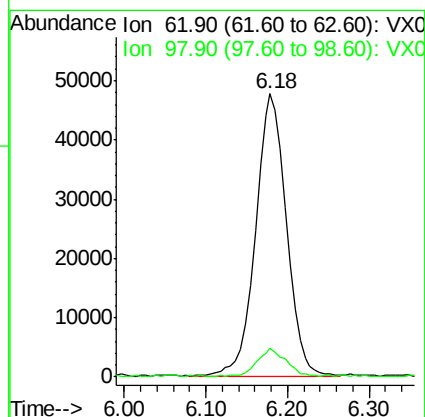
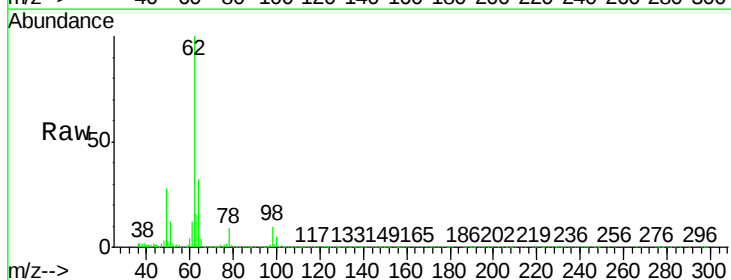
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

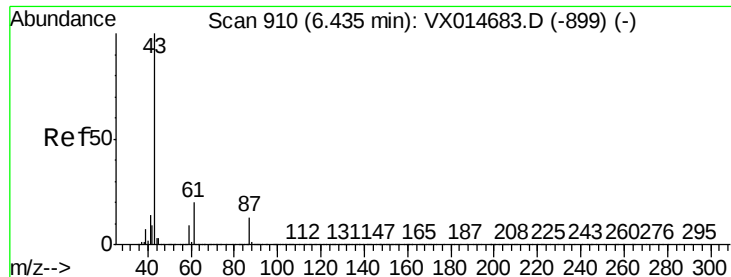
Tgt Ion:	41	Resp:	69204
Ion	Ratio	Lower	Upper
41	100		
39	56.6	42.2	63.2
67	70.1	55.4	83.0
52	26.9	22.1	33.1



#42
1,2-Dichloroethane
Concen: 20.72 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion:	62	Resp:	125949
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.96 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

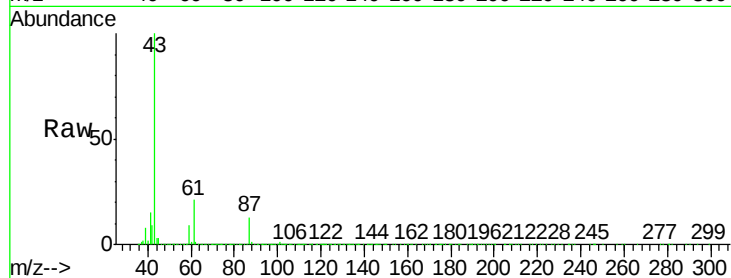
Tgt Ion: 43 Resp: 202568

Ion Ratio Lower Upper

43 100

61 20.0 16.2 24.4

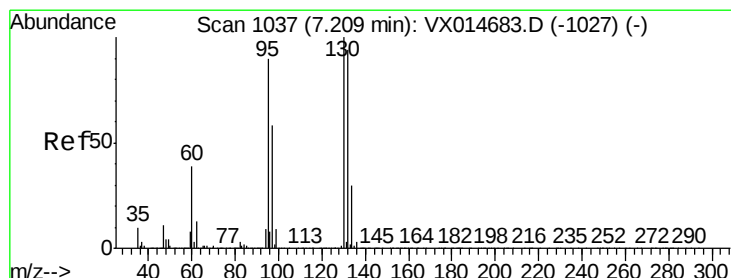
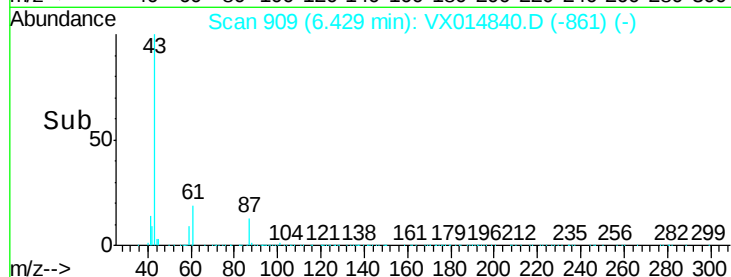
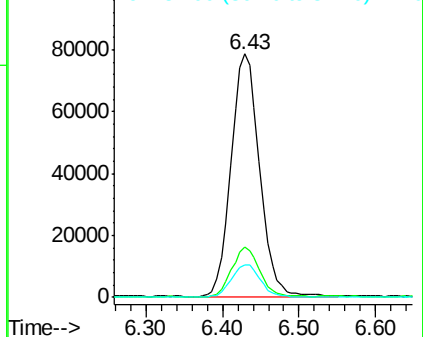
87 13.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.42 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014840.D

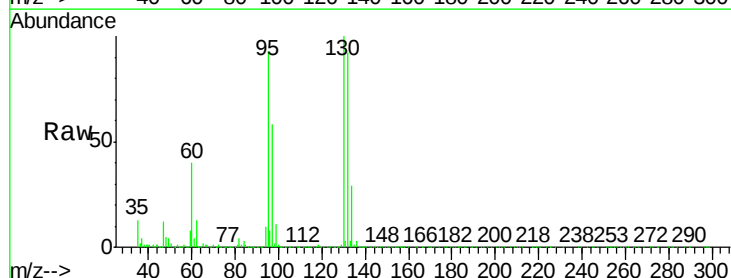
Acq: 06 Feb 2020 11:57

Tgt Ion: 130 Resp: 96552

Ion Ratio Lower Upper

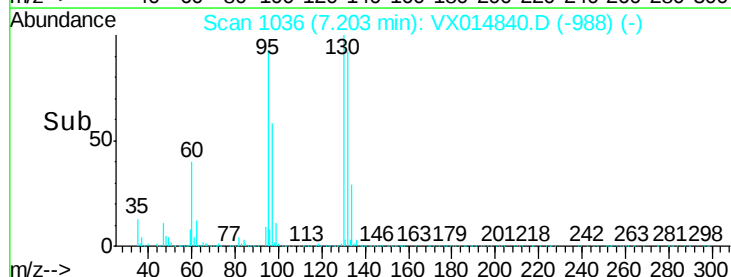
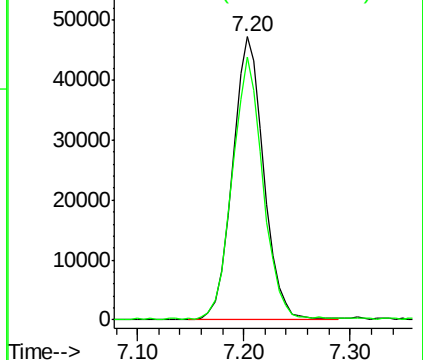
130 100

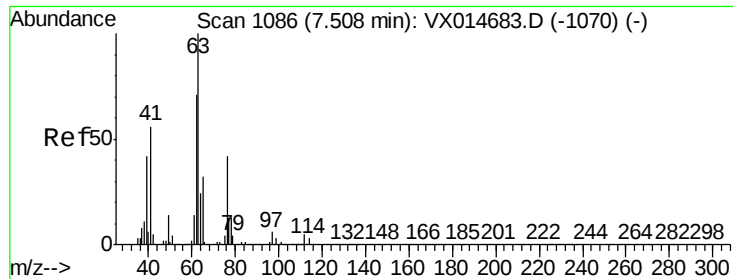
95 92.4 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

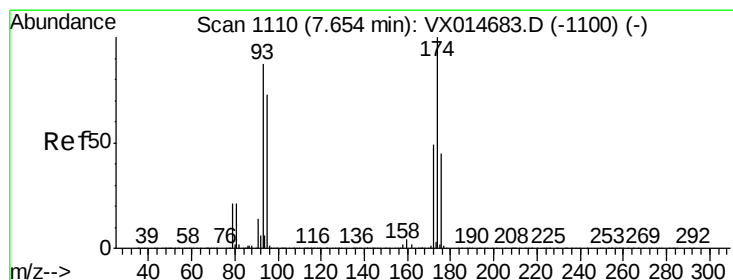
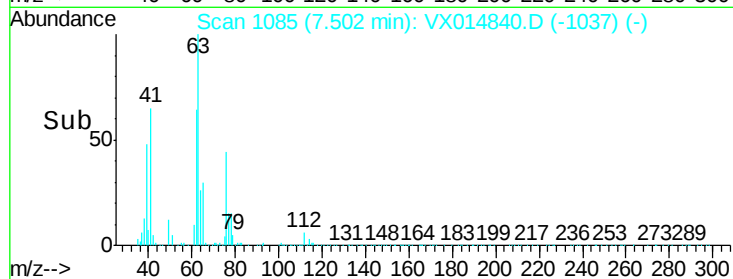
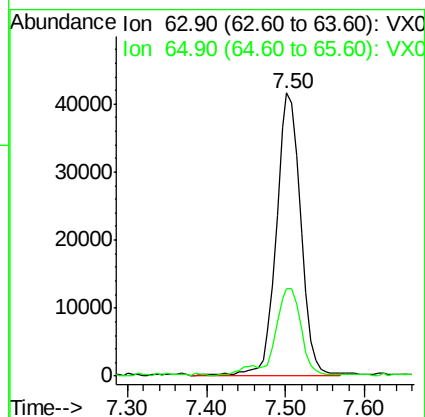
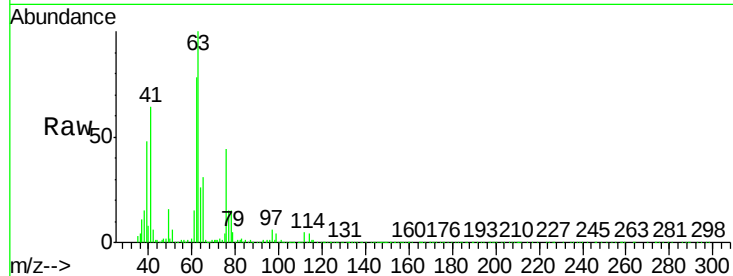




#45
 1,2-Dichloropropane
 Concen: 19.97 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

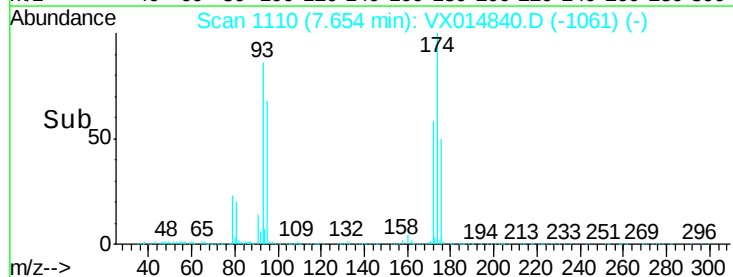
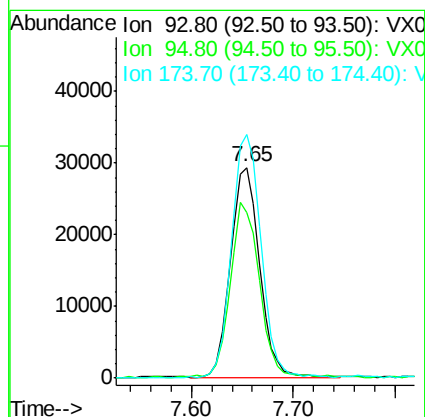
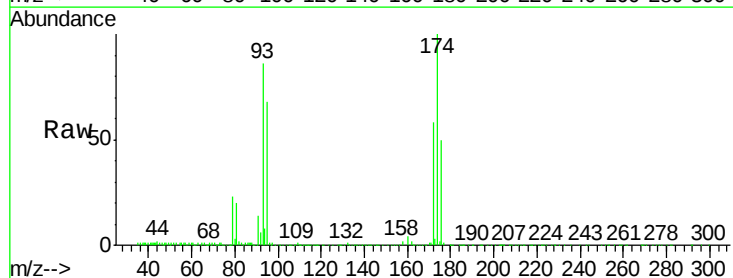
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

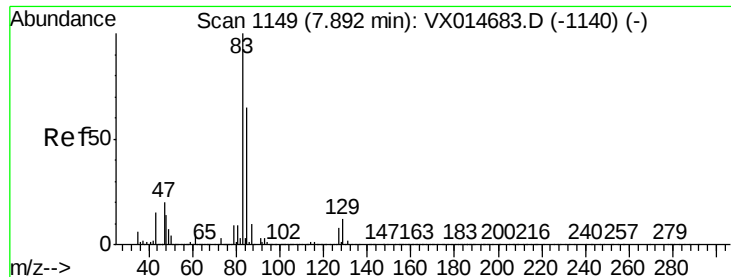
Tgt Ion: 63 Resp: 90538
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.2 37.8



#46
 Dibromomethane
 Concen: 19.66 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion: 93 Resp: 57749
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 118.2 90.2 135.2





#47

Bromodichloromethane

Concen: 20.17 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

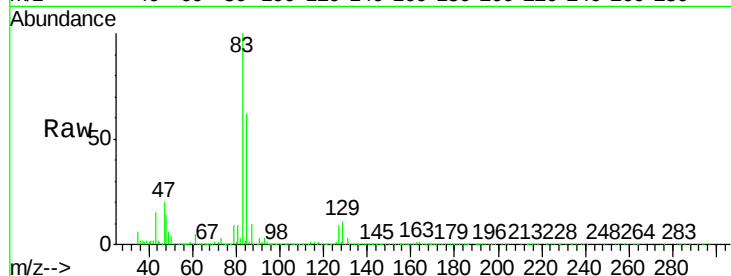
Tgt Ion: 83 Resp: 116200

Ion Ratio Lower Upper

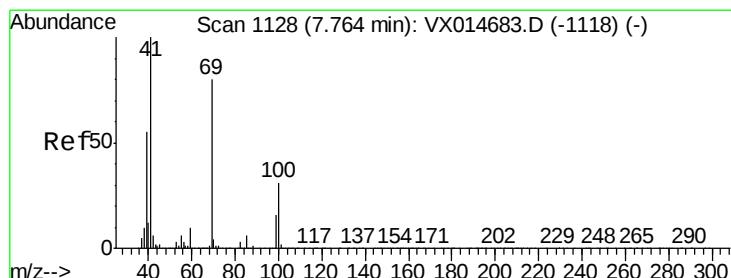
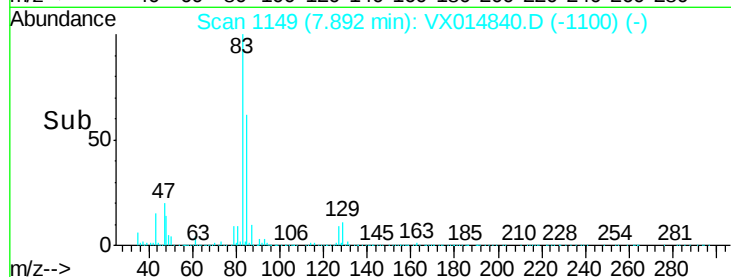
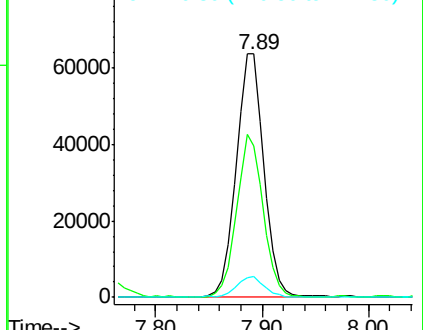
83 100

85 62.3 52.2 78.2

127 8.7 6.4 9.6



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: 19.15 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

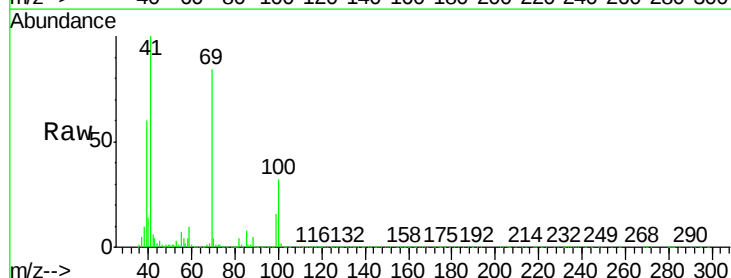
Tgt Ion: 41 Resp: 97766

Ion Ratio Lower Upper

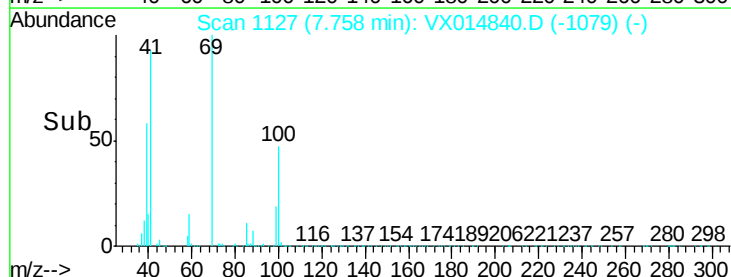
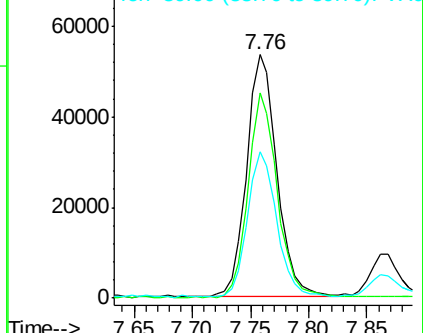
41 100

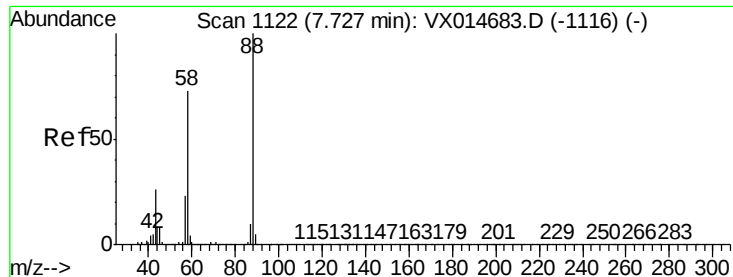
69 82.1 63.5 95.3

39 57.4 43.7 65.5



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: 391.12 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

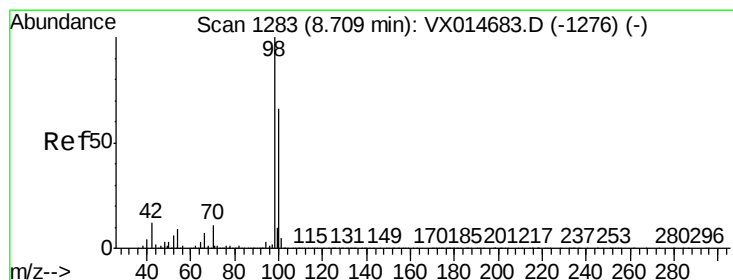
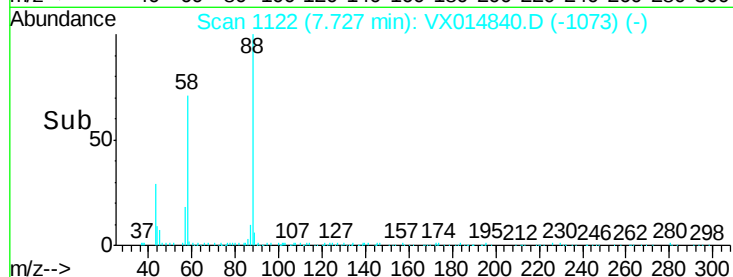
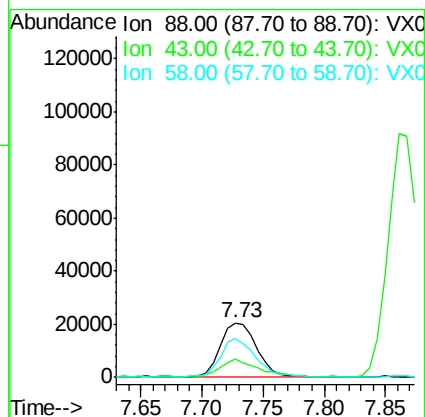
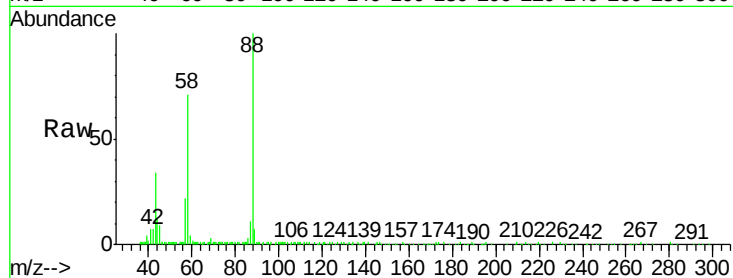
Tgt Ion: 88 Resp: 42322

Ion Ratio Lower Upper

88 100

43 32.2 26.2 39.2

58 70.2 56.6 85.0



#50

Toluene-d8

Concen: 47.52 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014840.D

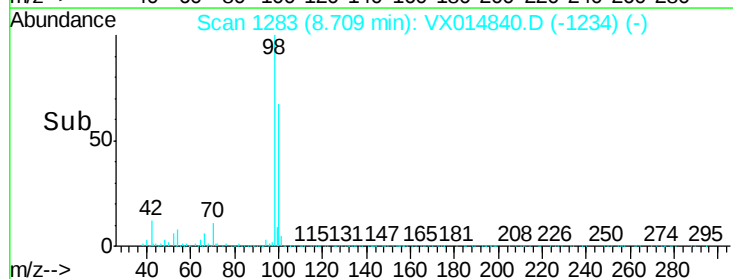
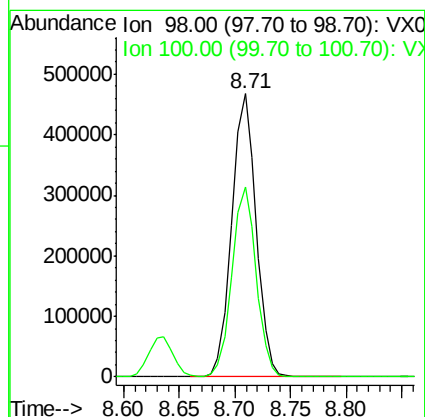
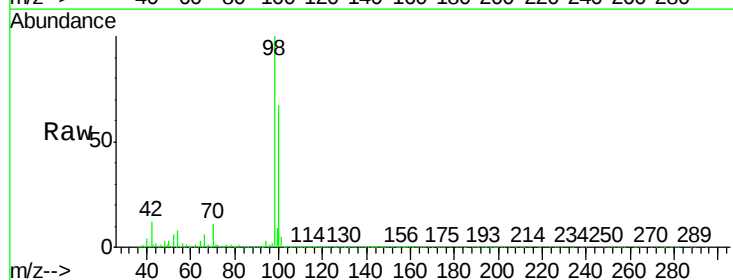
Acq: 06 Feb 2020 11:57

Tgt Ion: 98 Resp: 706760

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6

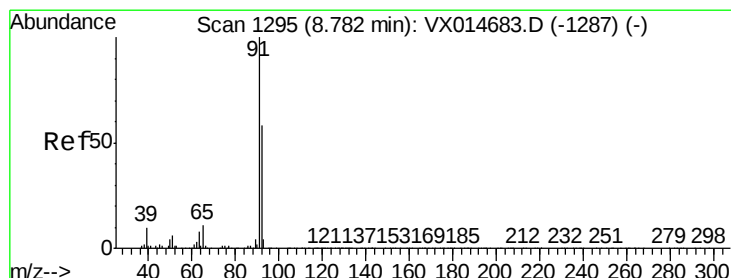
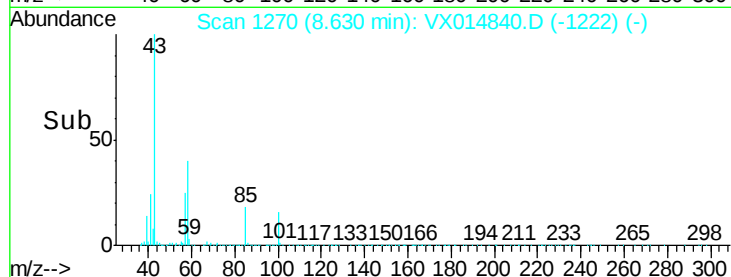
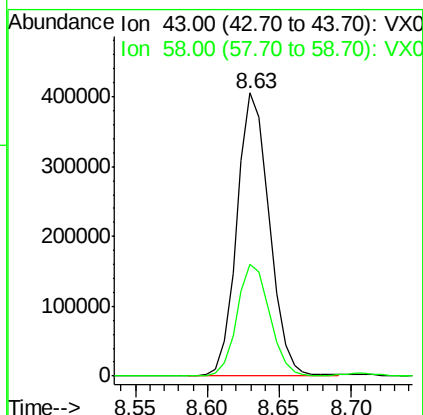
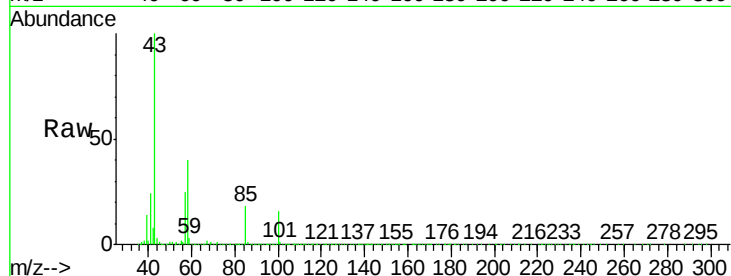




#51
4-Methyl-2-Pentanone
Concen: 93.99 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

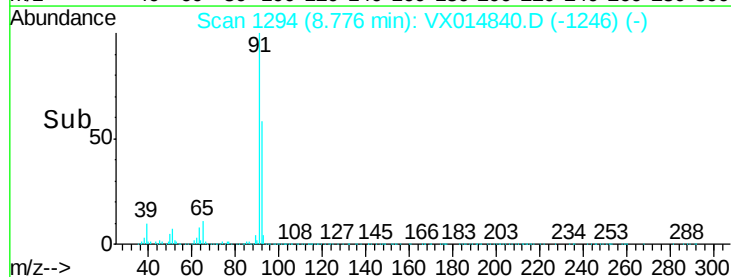
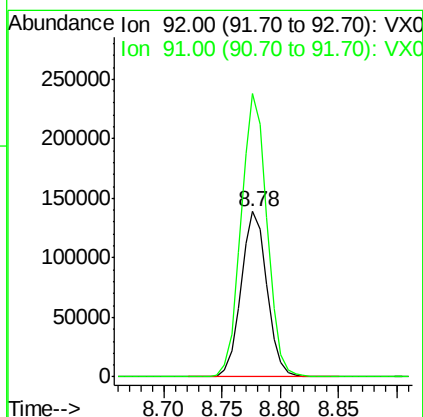
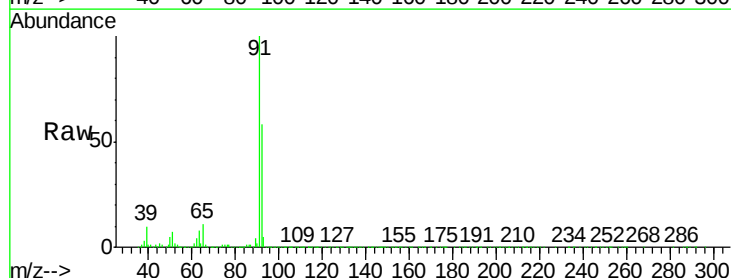
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

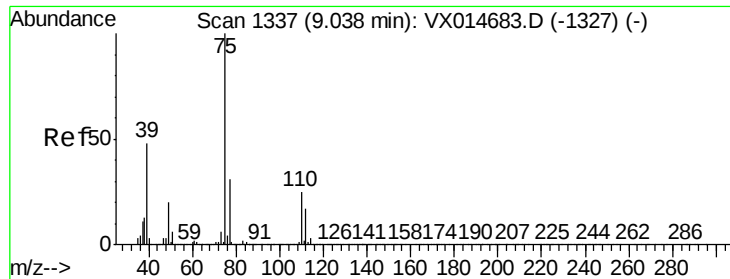
Tgt Ion: 43 Resp: 633808
Ion Ratio Lower Upper
43 100
58 39.8 31.6 47.4



#52
Toluene
Concen: 19.87 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 92 Resp: 214984
Ion Ratio Lower Upper
92 100
91 171.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 20.12 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

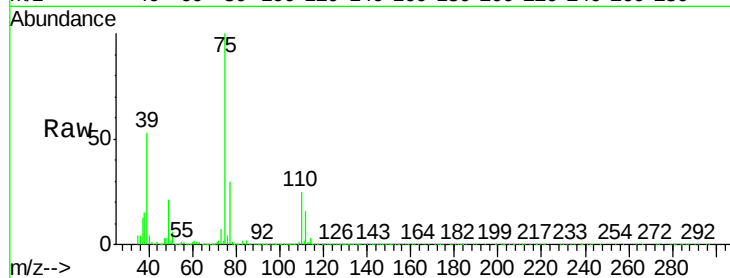
VX0206WBS01

Tgt Ion: 75 Resp: 124806

Ion Ratio Lower Upper

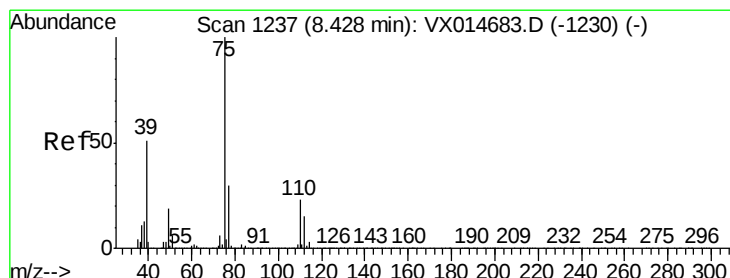
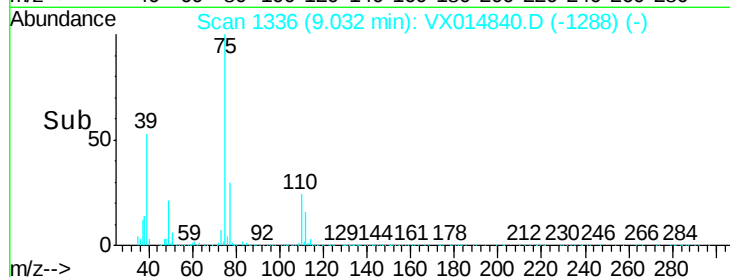
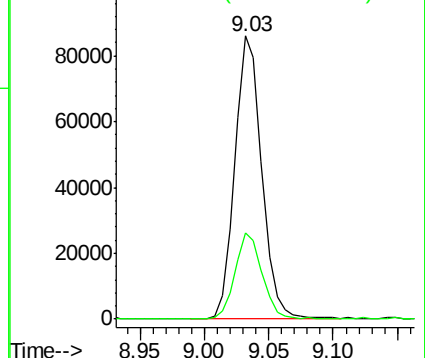
75 100

77 30.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.25 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

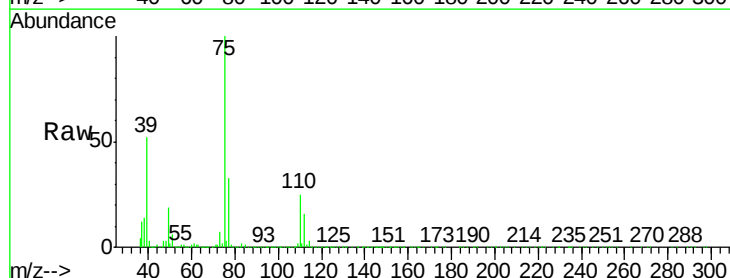
Tgt Ion: 75 Resp: 138143

Ion Ratio Lower Upper

75 100

77 32.8 23.9 35.9

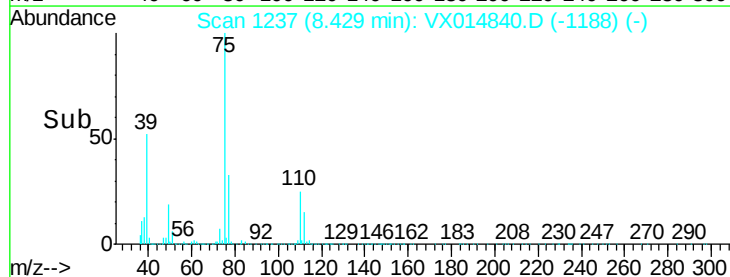
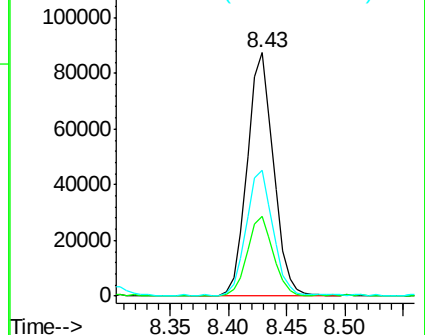
39 51.7 40.9 61.3

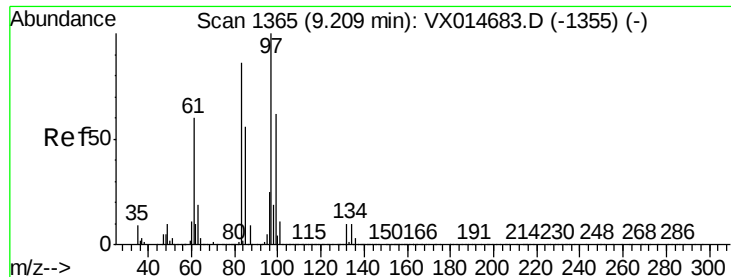


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.34 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tgt Ion: 97 Resp: 90114

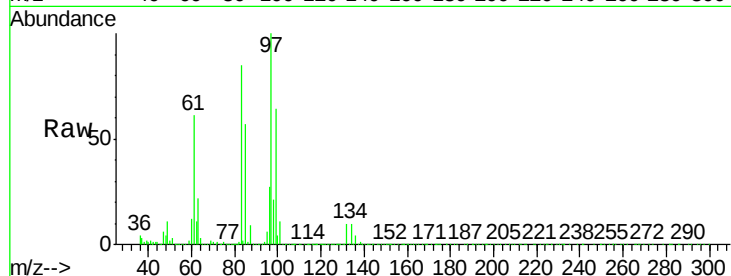
Ion Ratio Lower Upper

97 100

83 84.3 69.2 103.8

85 56.9 44.6 67.0

99 63.2 50.1 75.1

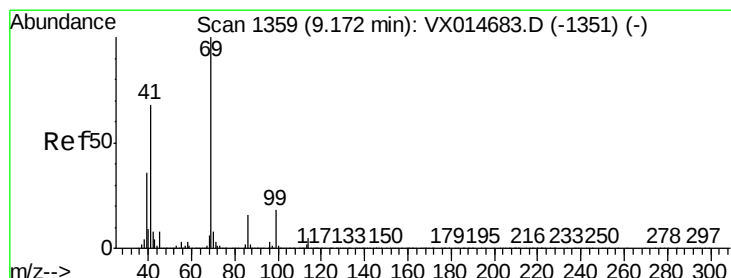
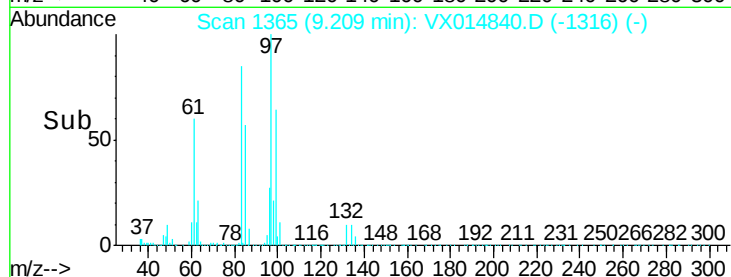
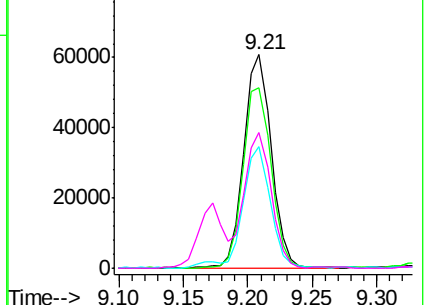


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.96 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

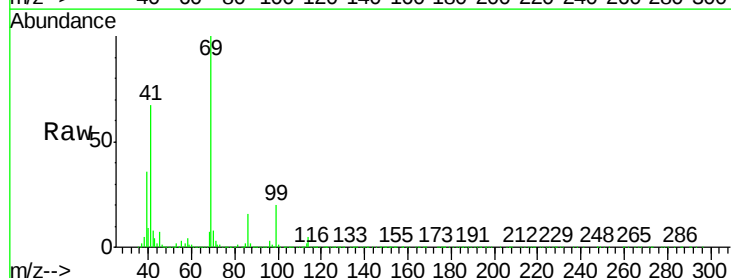
Tgt Ion: 69 Resp: 133738

Ion Ratio Lower Upper

69 100

41 68.6 54.9 82.3

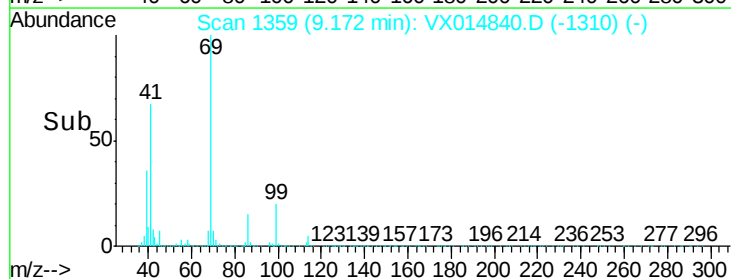
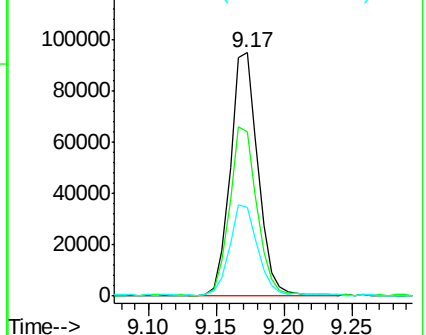
39 38.0 29.3 43.9

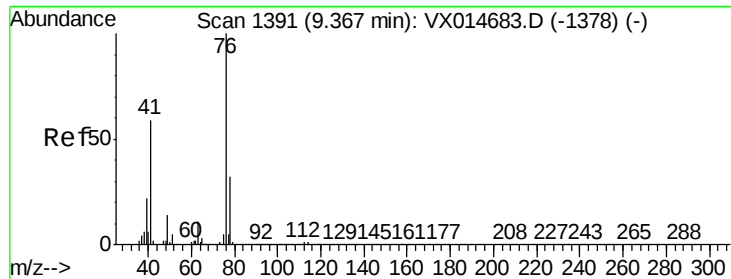


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.74 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

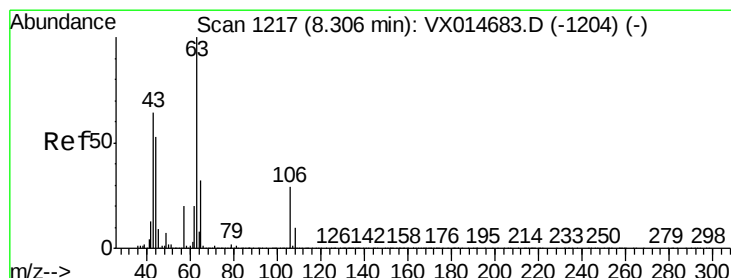
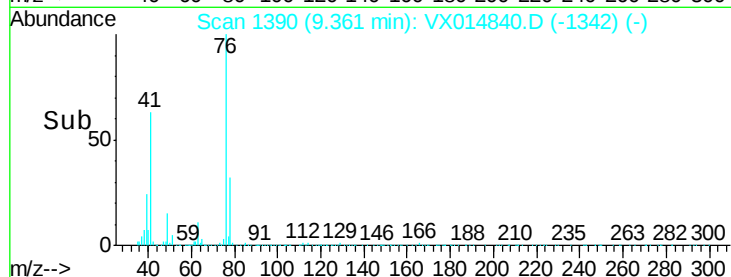
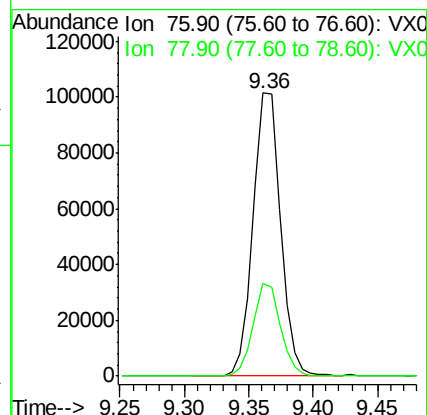
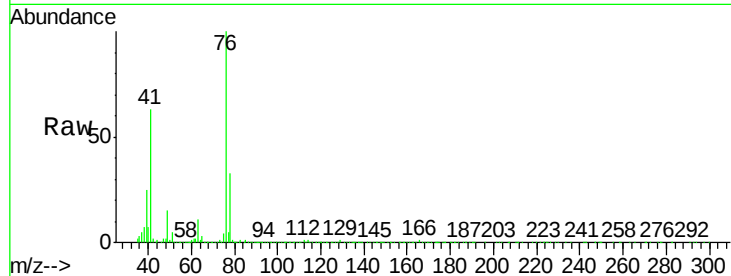
VX0206WBS01

Tgt Ion: 76 Resp: 149442

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.47 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014840.D

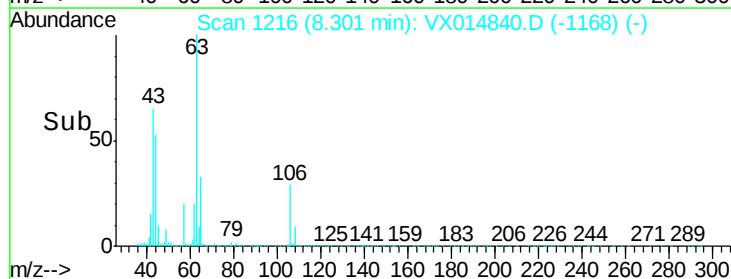
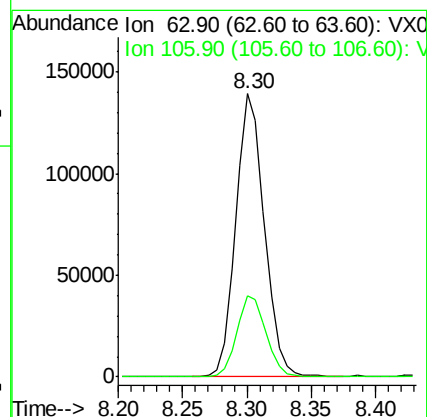
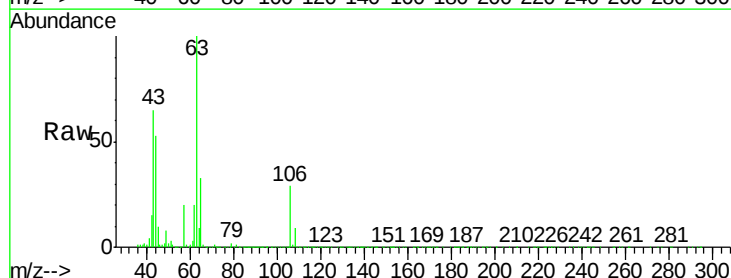
Acq: 06 Feb 2020 11:57

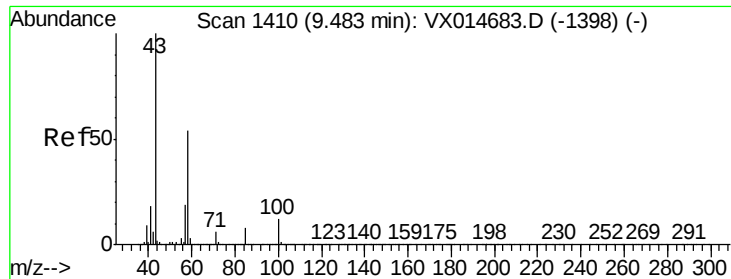
Tgt Ion: 63 Resp: 214907

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

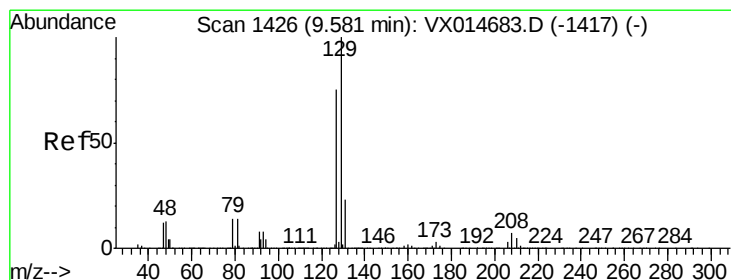
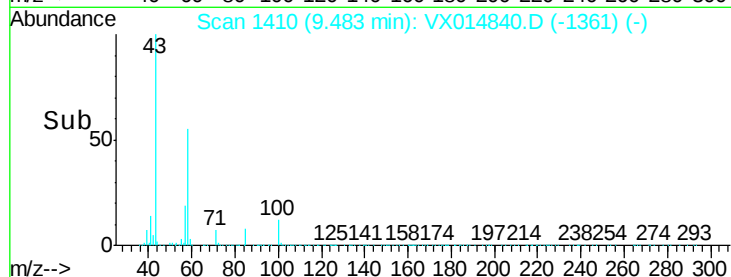
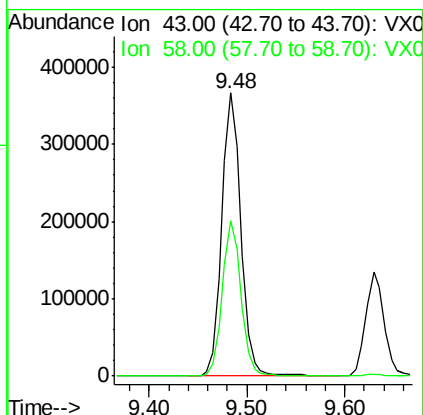
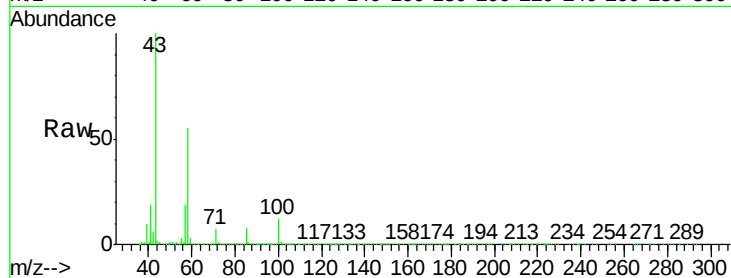




#59
2-Hexanone
Concen: 94.71 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

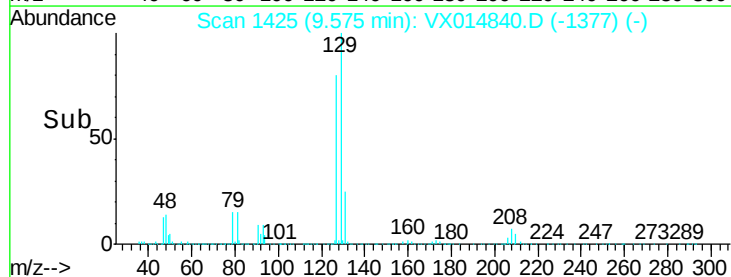
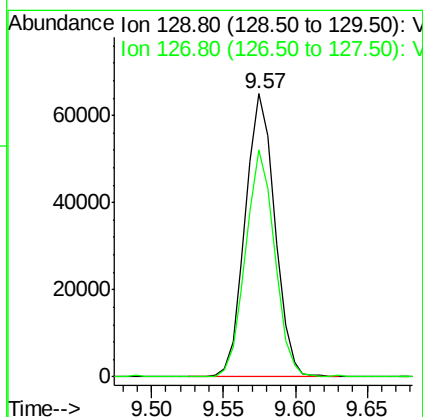
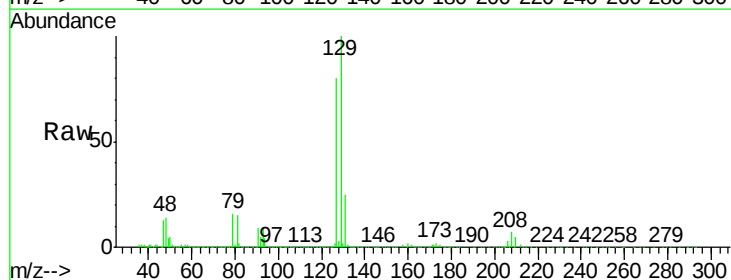
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

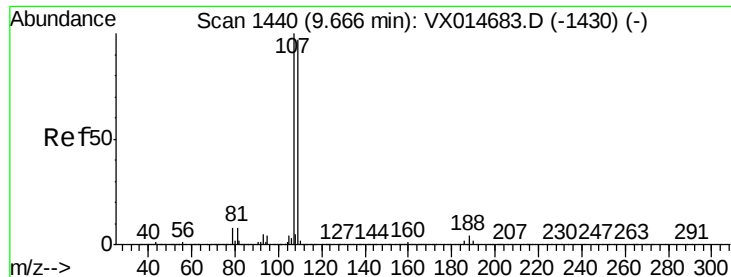
Tgt Ion: 43 Resp: 495574
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5



#60
Dibromochloromethane
Concen: 20.05 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 129 Resp: 92695
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

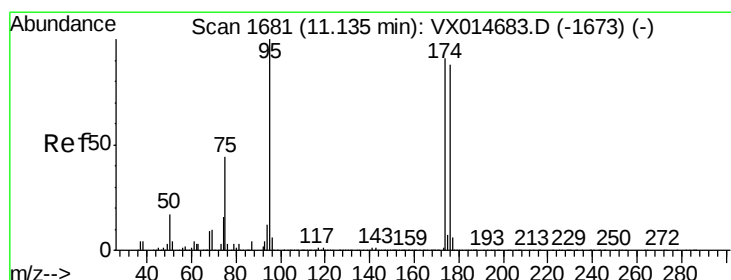
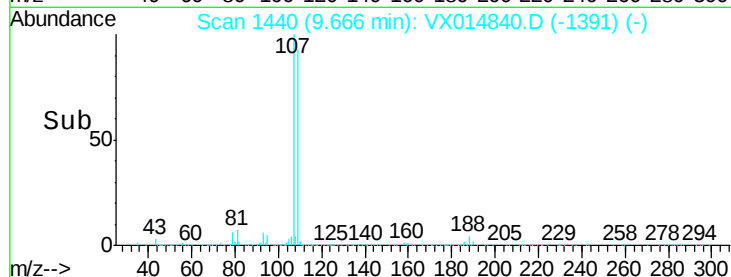
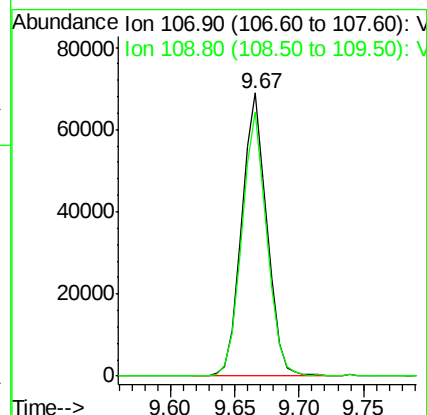
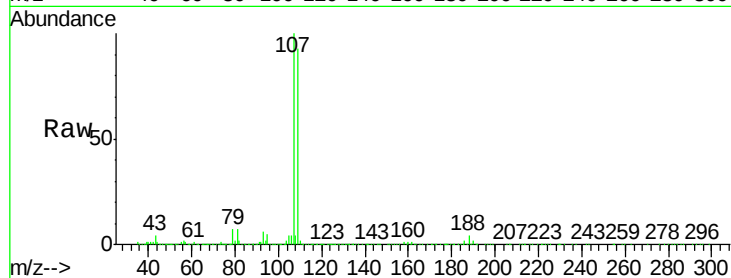




#61
 1,2-Dibromoethane
 Concen: 19.92 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

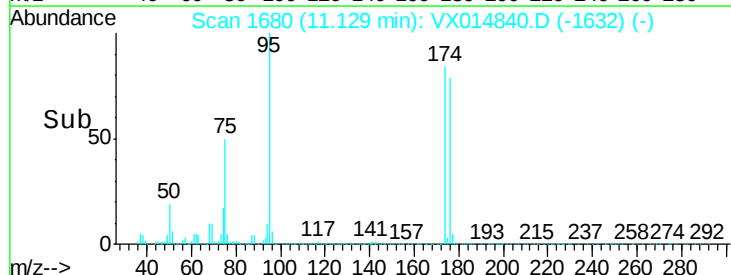
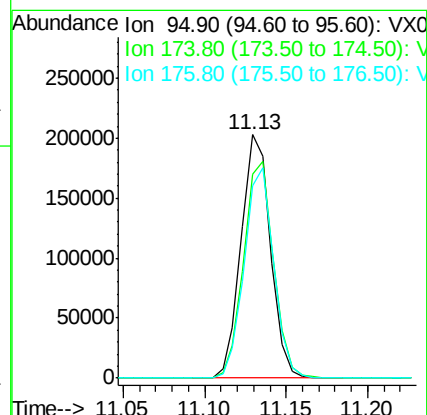
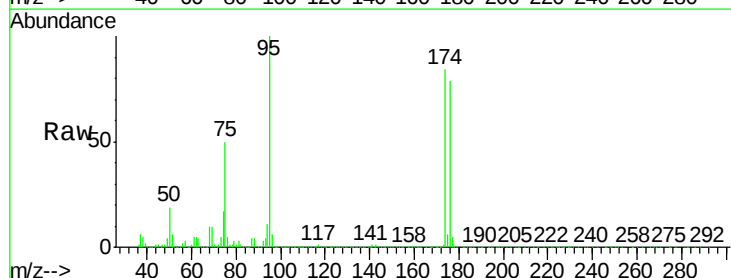
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

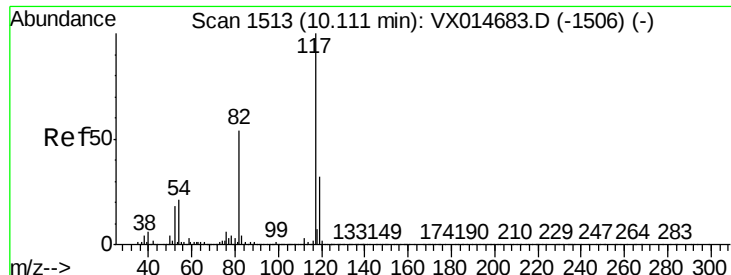
Tgt Ion: 107 Resp: 93277
 Ion Ratio Lower Upper
 107 100
 109 93.2 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.05 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion: 95 Resp: 254535
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 176.0
 176 86.9 0.0 172.2

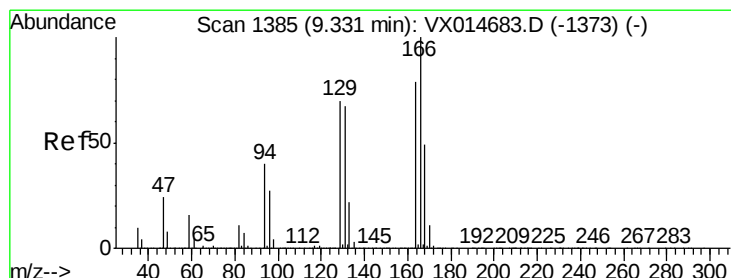
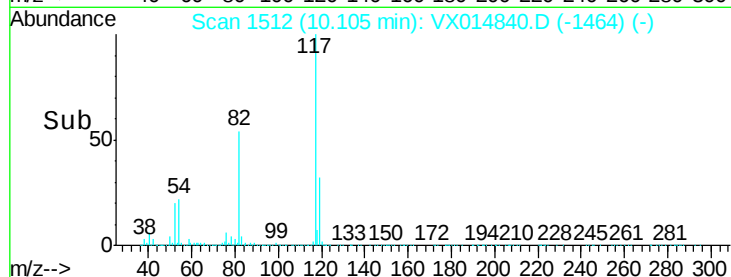
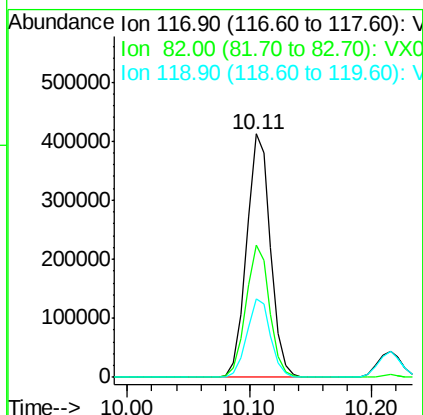
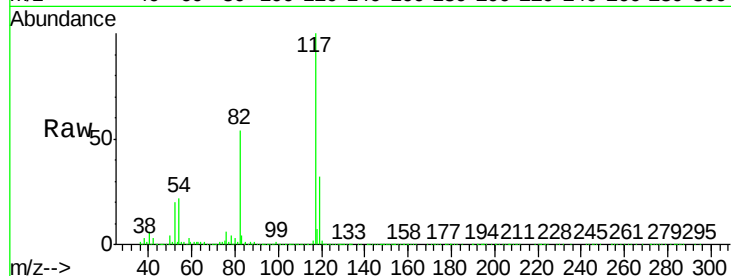




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

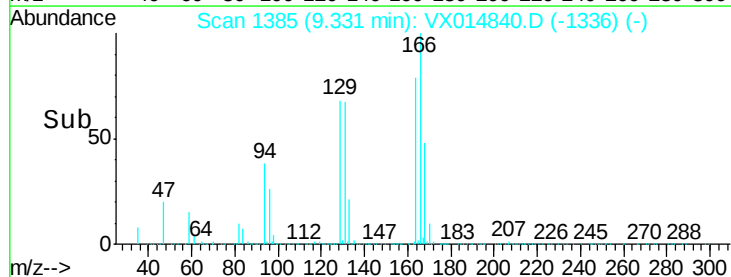
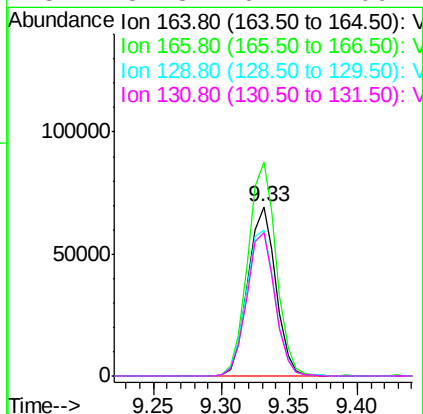
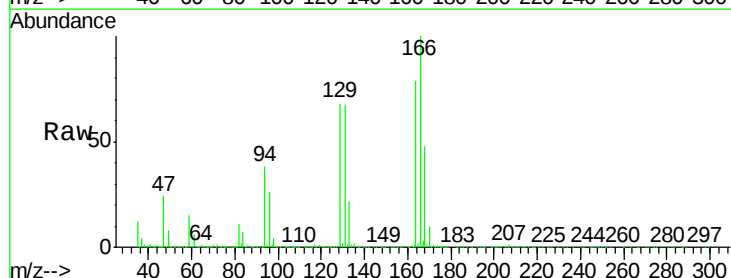
Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

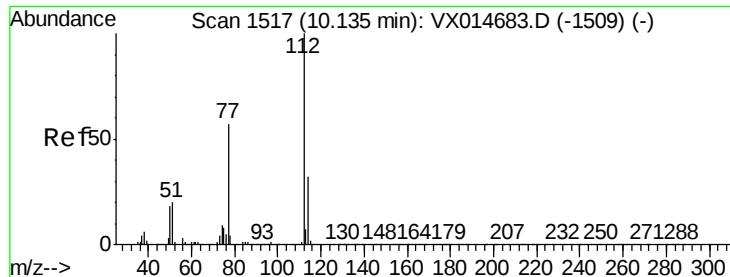
Tgt Ion:117 Resp: 556042
Ion Ratio Lower Upper
117 100
82 54.3 43.2 64.8
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 18.18 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion:164 Resp: 100073
Ion Ratio Lower Upper
164 100
166 126.0 100.9 151.3
129 85.8 71.0 106.6
131 84.3 67.1 100.7





#65

Chlorobenzene

Concen: 19.82 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

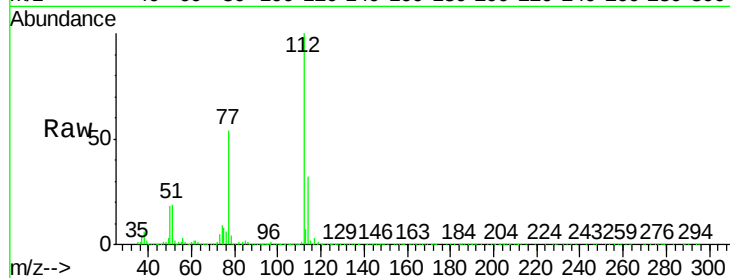
VX0206WBS01

Tgt Ion:112 Resp: 235712

Ion Ratio Lower Upper

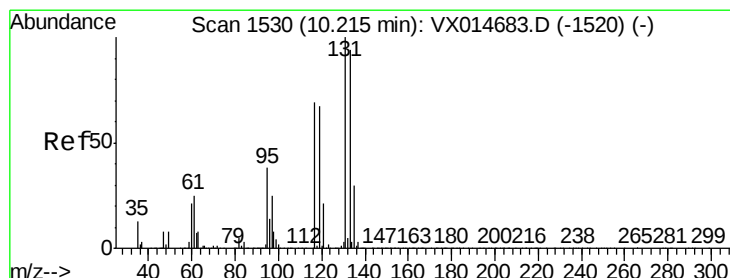
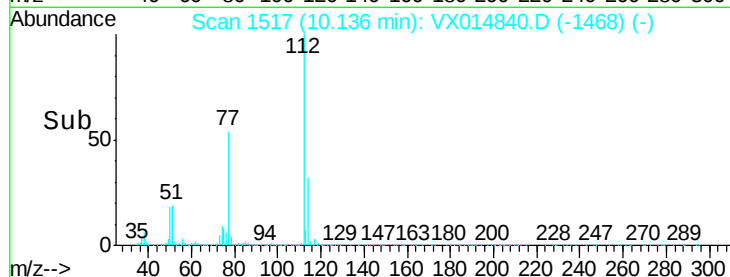
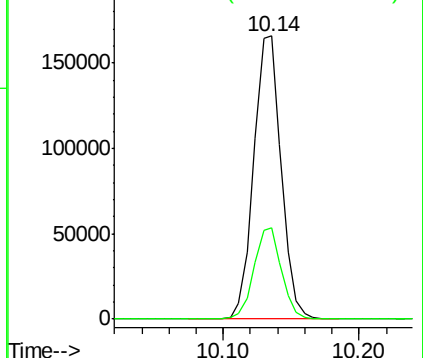
112 100

114 32.4 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.36 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

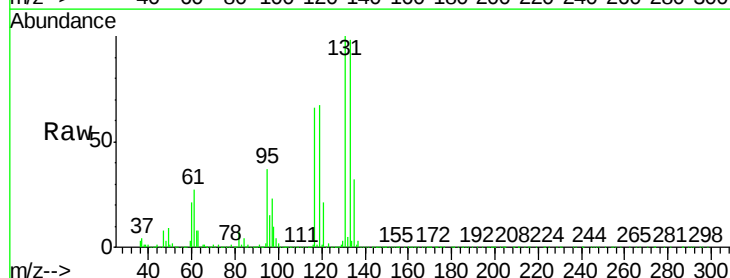
Tgt Ion:131 Resp: 89261

Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.3

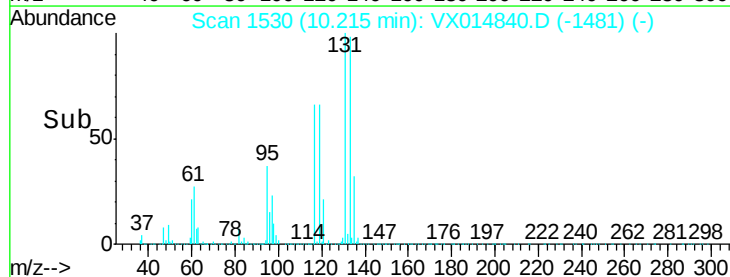
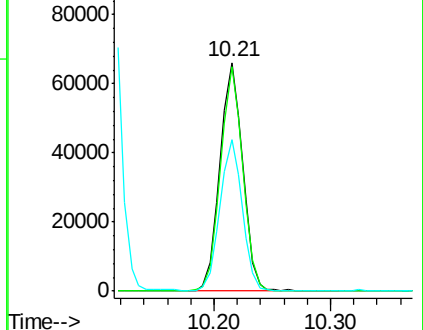
119 65.5 33.3 99.8

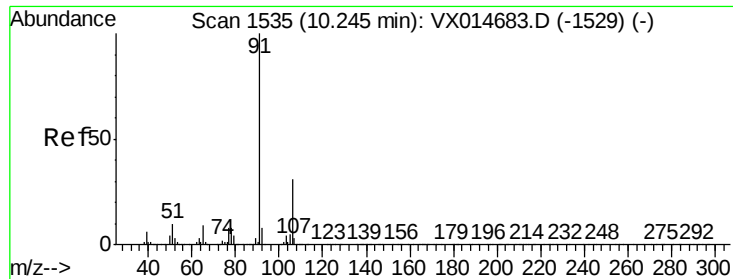


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.04 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

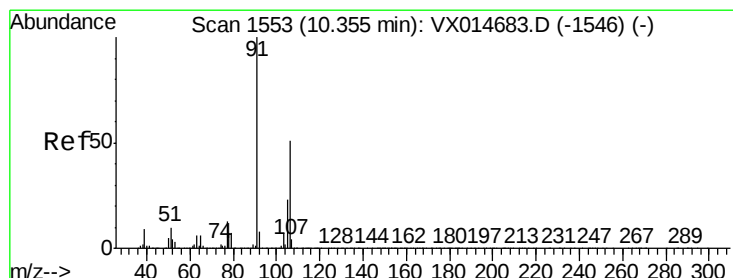
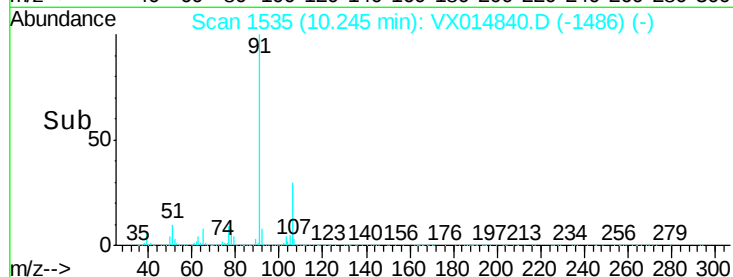
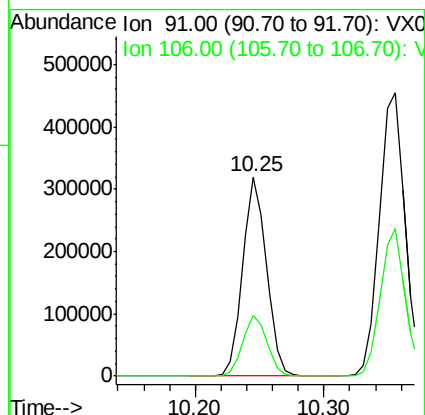
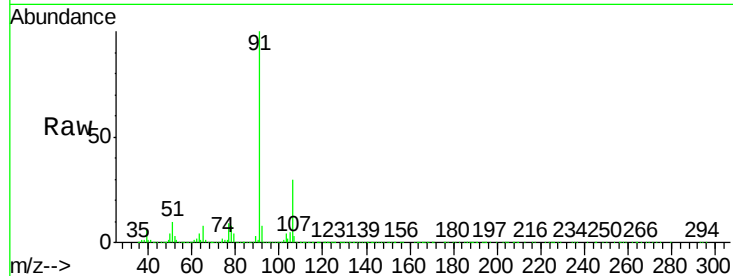
VX0206WBS01

Tgt Ion: 91 Resp: 407002

Ion Ratio Lower Upper

91 100

106 30.4 24.9 37.3



#68

m/p-Xylenes

Concen: 40.50 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014840.D

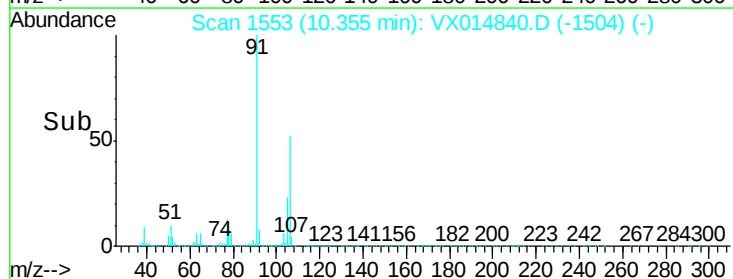
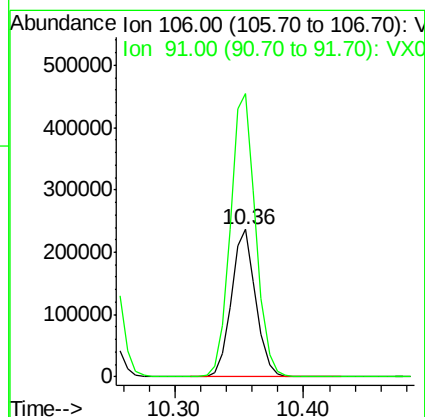
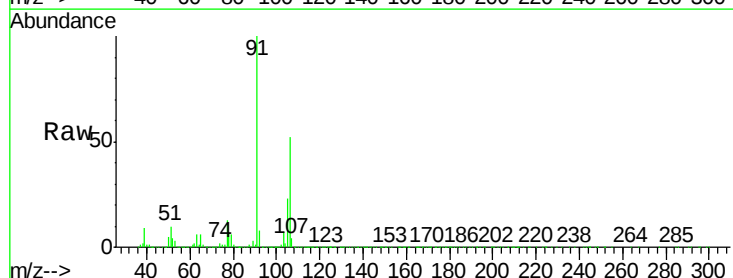
Acq: 06 Feb 2020 11:57

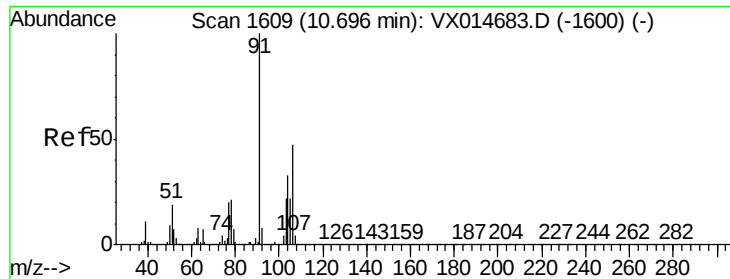
Tgt Ion: 106 Resp: 311621

Ion Ratio Lower Upper

106 100

91 199.0 159.4 239.2

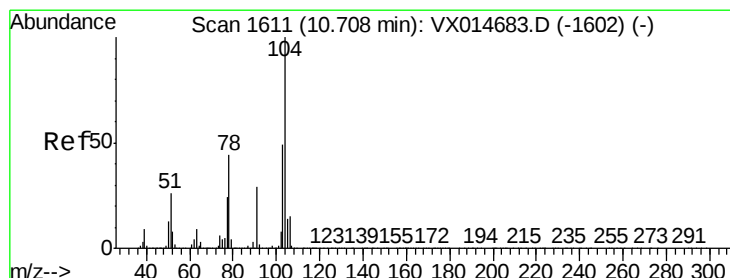
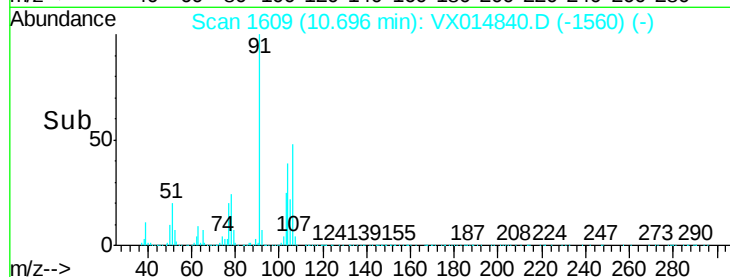
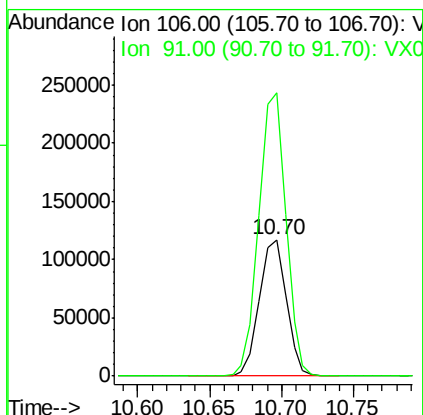
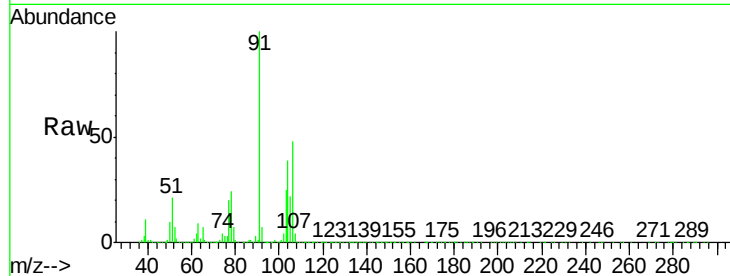




#69
o-Xylene
Concen: 20.56 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

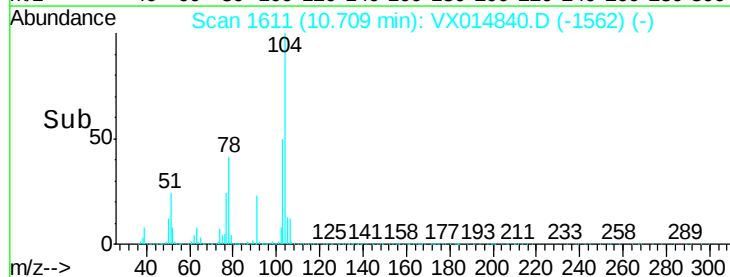
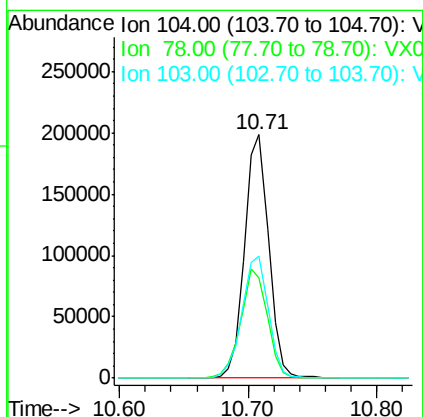
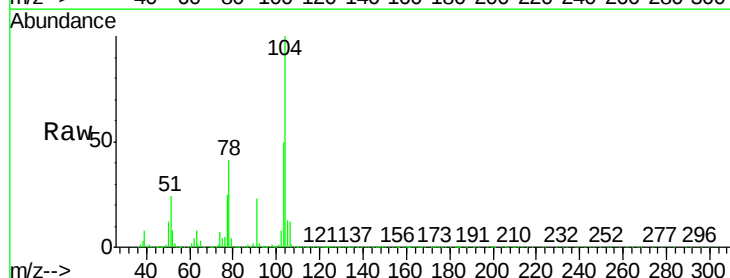
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

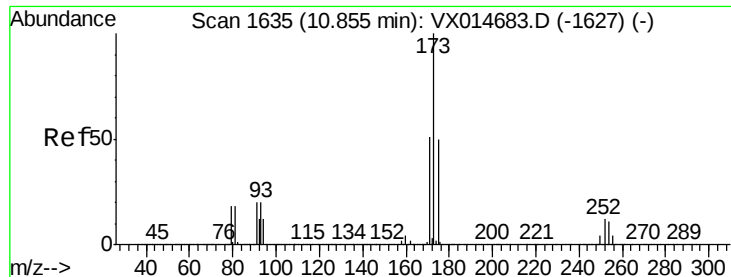
Tgt Ion:106 Resp: 152728
Ion Ratio Lower Upper
106 100
91 208.1 106.2 318.6



#70
Styrene
Concen: 20.54 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion:104 Resp: 255881
Ion Ratio Lower Upper
104 100
78 49.4 39.3 58.9
103 55.2 43.5 65.3

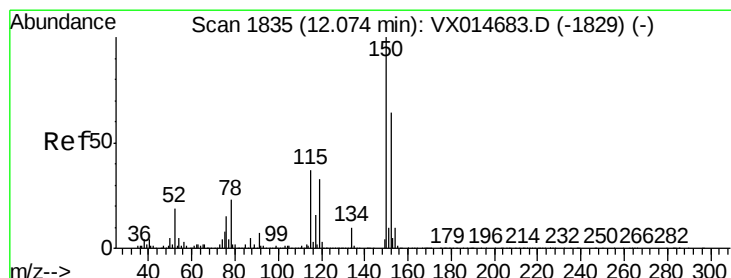
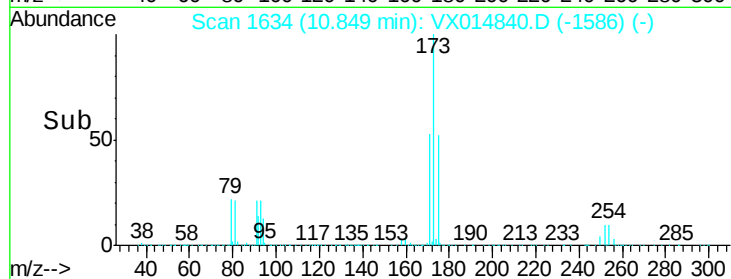
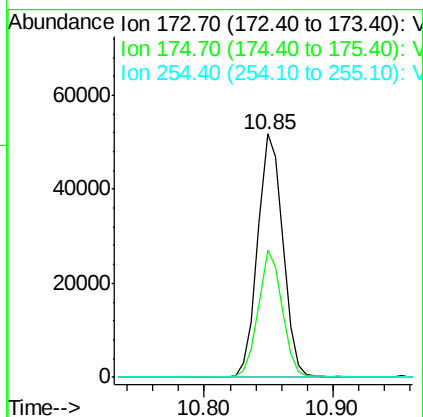
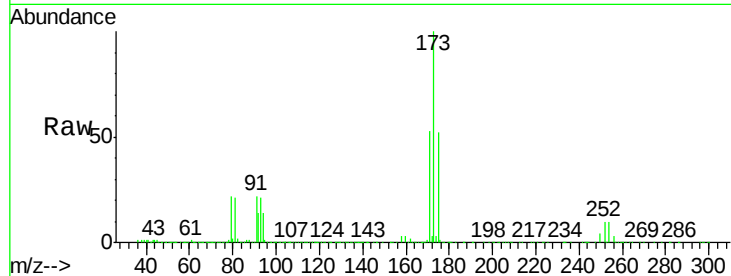




#71
Bromoform
Concen: 19.99 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

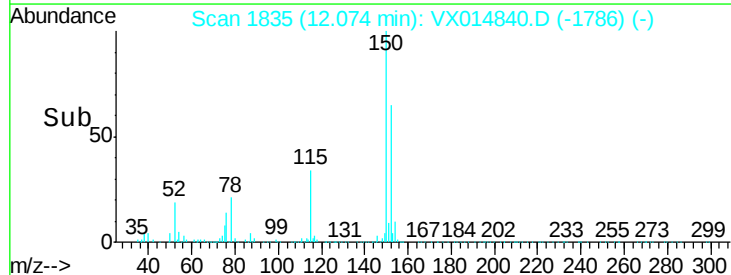
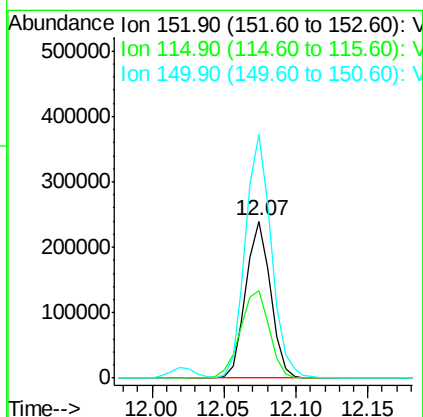
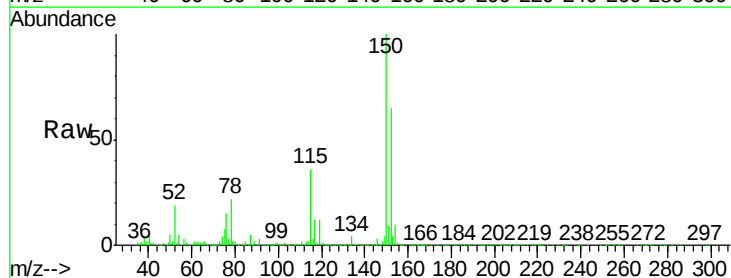
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

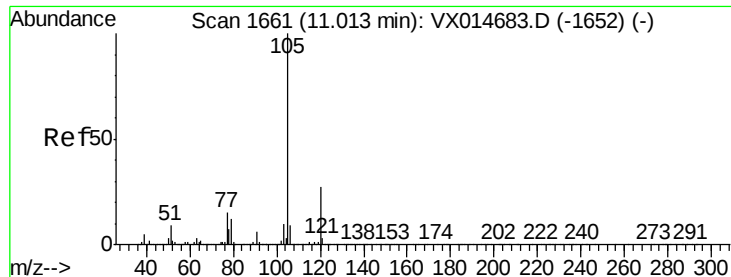
Tgt Ion:173 Resp: 69703
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion:152 Resp: 283233
Ion Ratio Lower Upper
152 100
115 65.7 39.4 118.1
150 163.9 0.0 351.2





#73

Isopropylbenzene

Concen: 20.42 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

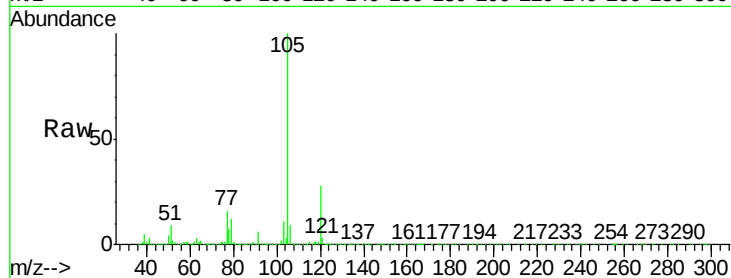
VX0206WBS01

Tgt Ion: 105 Resp: 406636

Ion Ratio Lower Upper

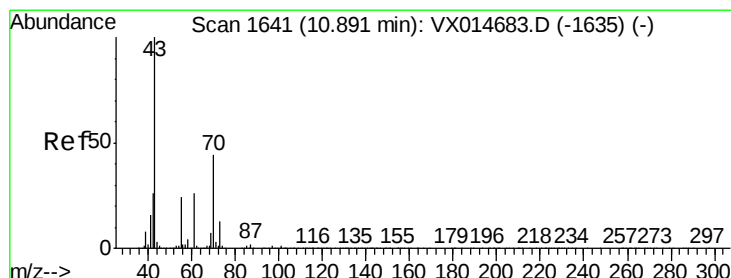
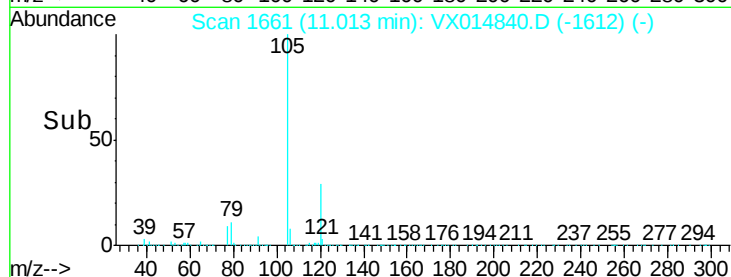
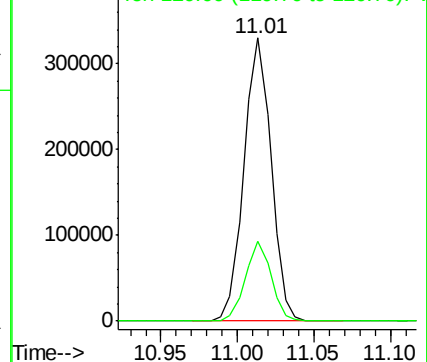
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.55 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion: 43 Resp: 170576

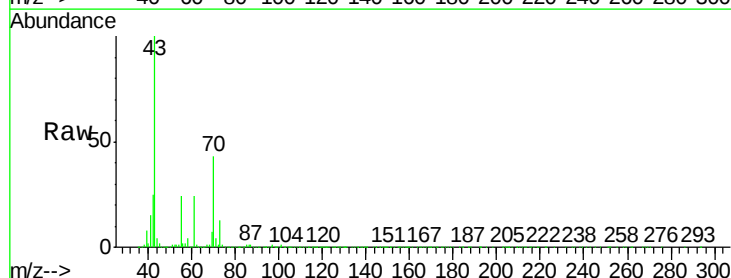
Ion Ratio Lower Upper

43 100

70 42.8 34.6 52.0

55 25.6 19.4 29.2

61 23.6 19.8 29.6

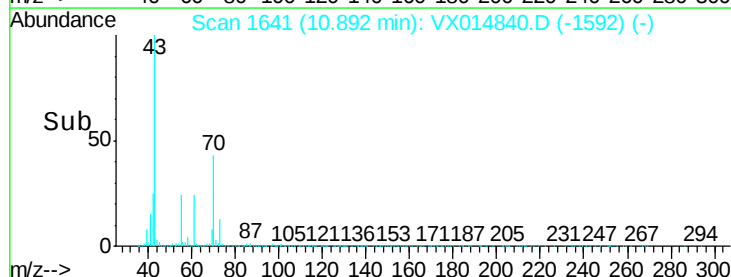
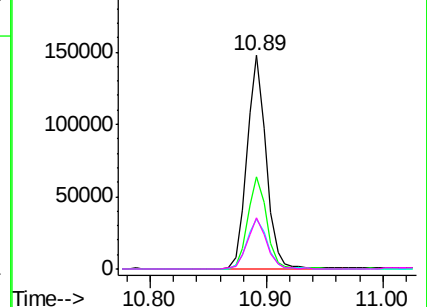


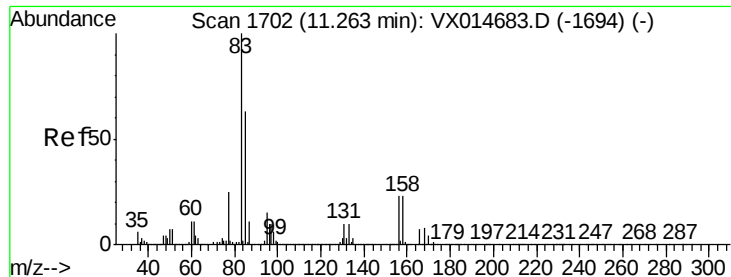
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.60 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

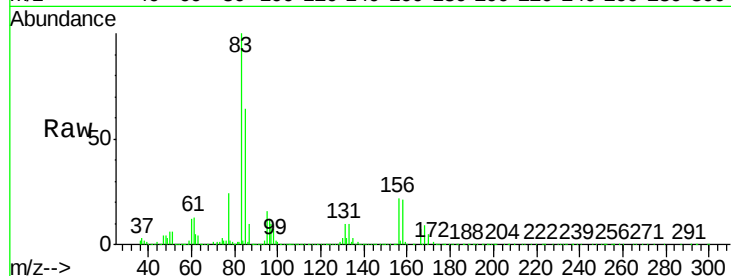
Tgt Ion: 83 Resp: 132273

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

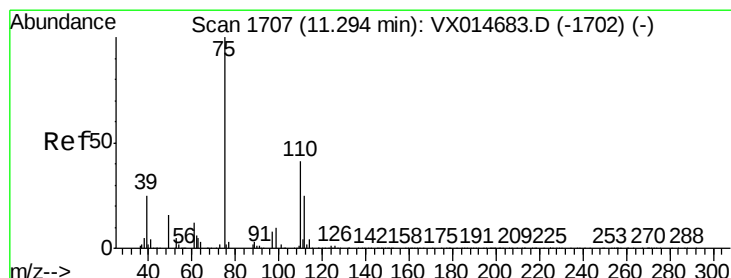
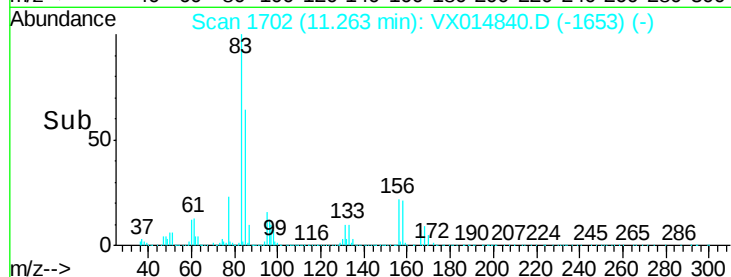
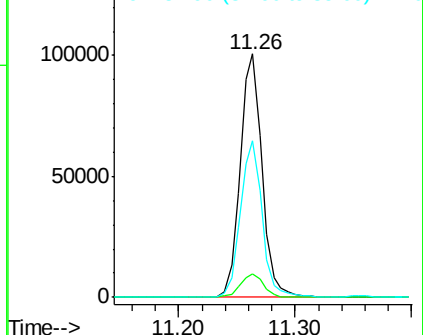
85 64.0 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.69 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014840.D

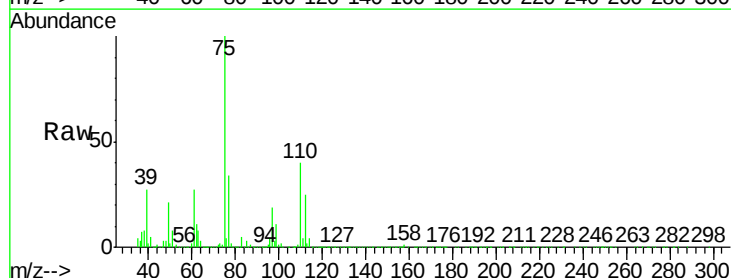
Acq: 06 Feb 2020 11:57

Tgt Ion: 75 Resp: 149518

Ion Ratio Lower Upper

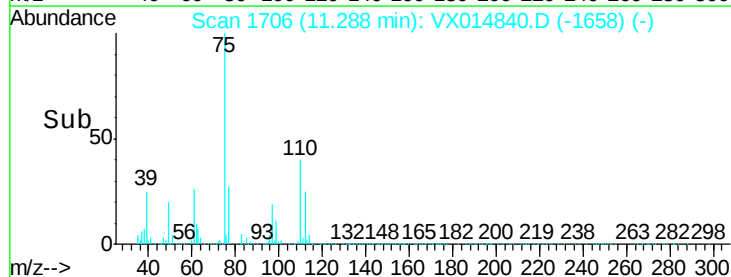
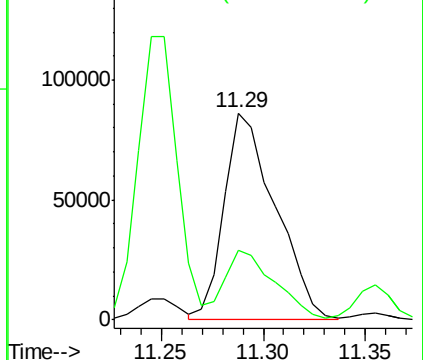
75 100

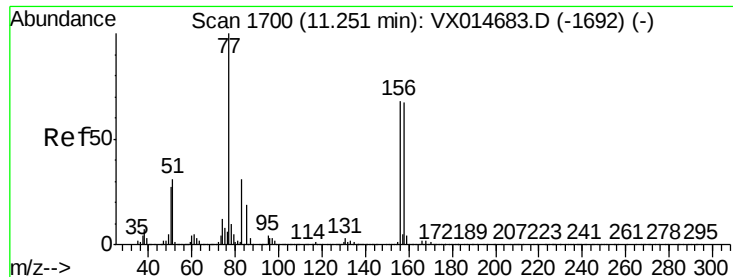
77 32.7 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.52 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

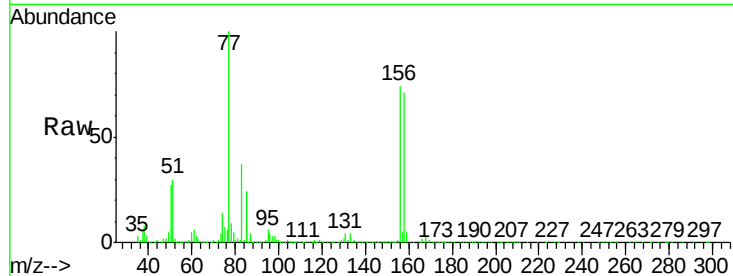
Tgt Ion: 156 Resp: 109781

Ion Ratio Lower Upper

156 100

77 143.7 77.5 232.5

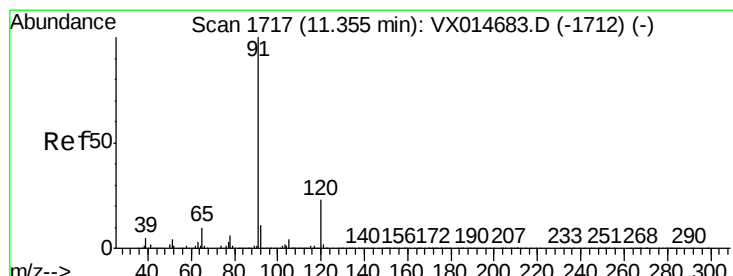
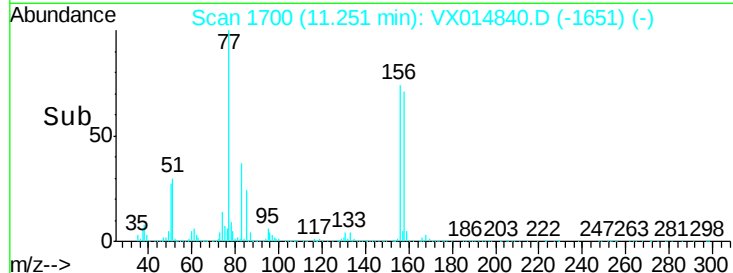
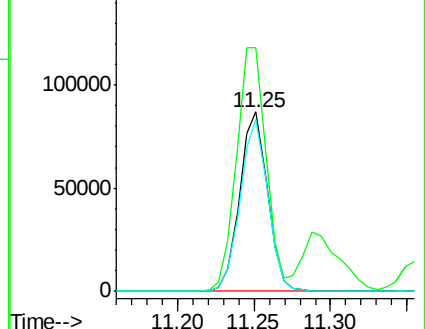
158 95.1 49.1 147.3



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: 20.13 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014840.D

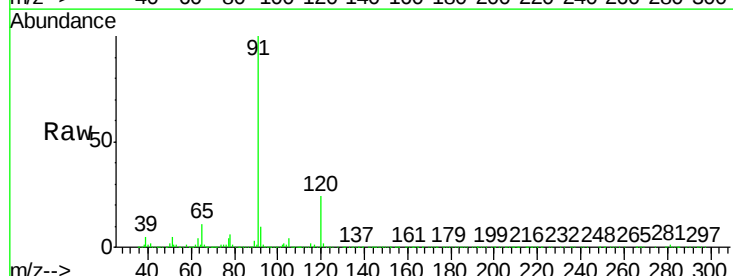
Acq: 06 Feb 2020 11:57

Tgt Ion: 91 Resp: 455135

Ion Ratio Lower Upper

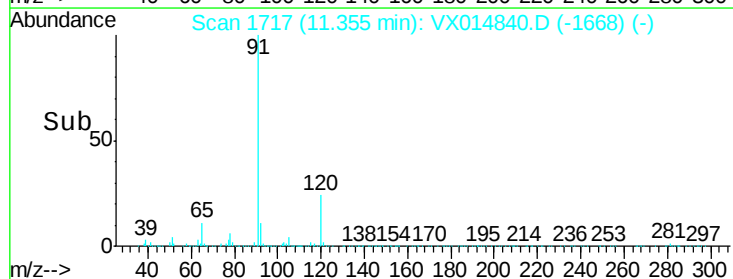
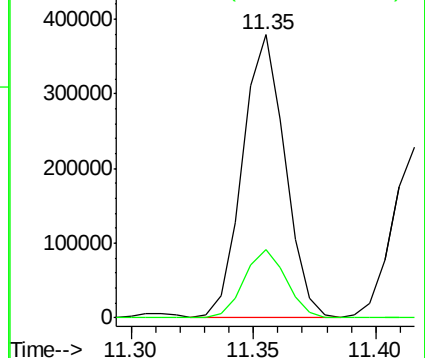
91 100

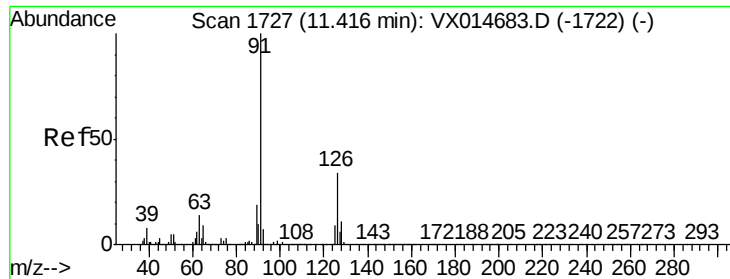
120 24.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

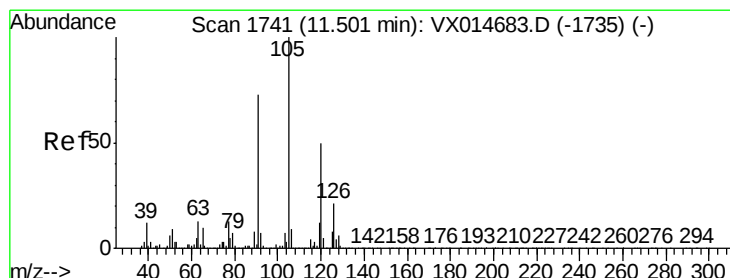
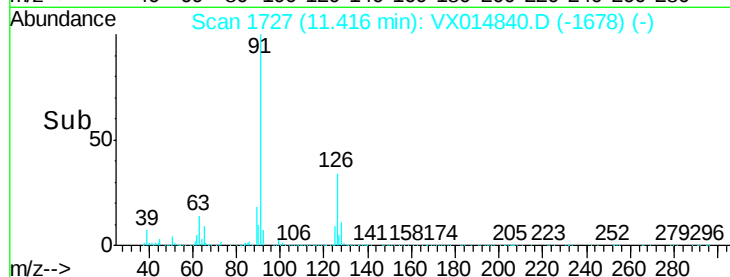
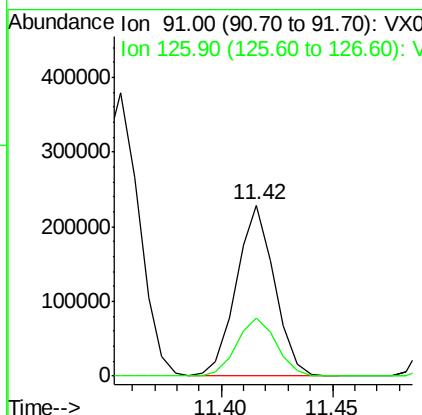
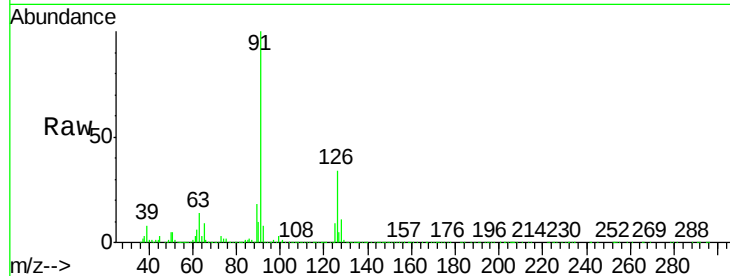




#79
 2-Chlorotoluene
 Concen: 19.82 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

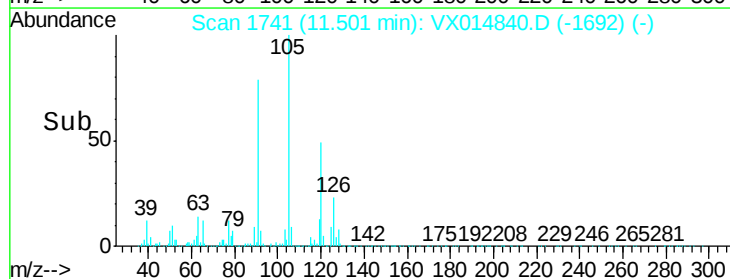
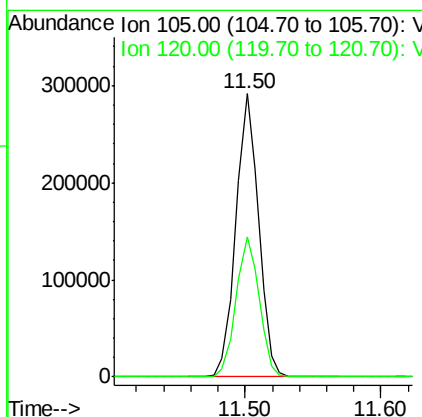
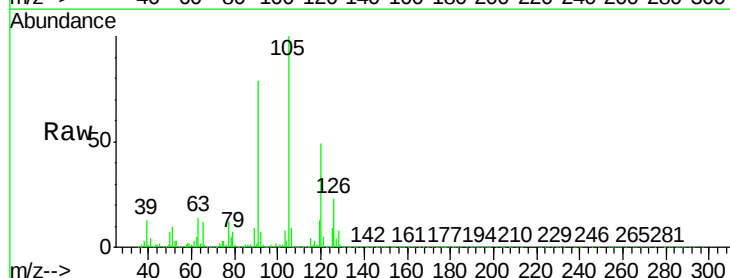
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

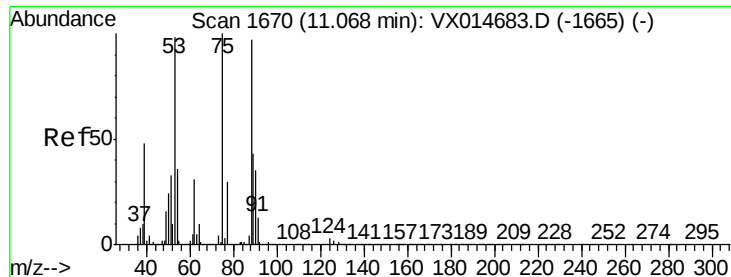
Tgt Ion: 91 Resp: 271045
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.43 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion: 105 Resp: 337626
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.75 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

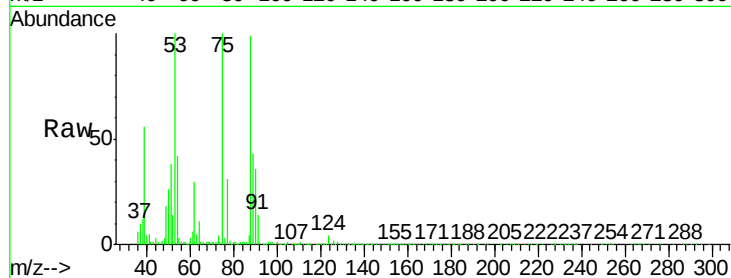
Tgt Ion: 75 Resp: 41091

Ion Ratio Lower Upper

75 100

53 103.4 78.8 118.2

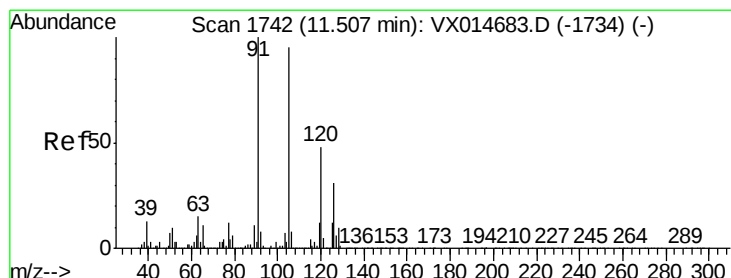
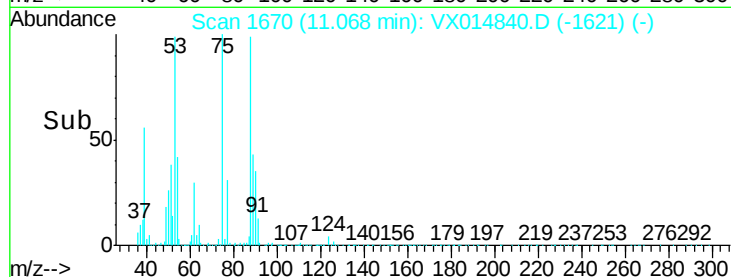
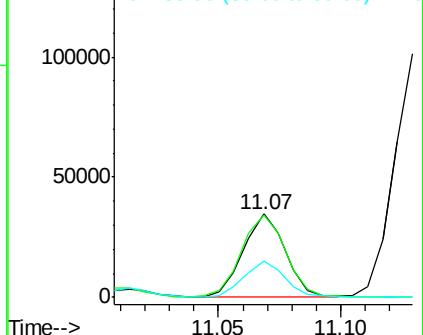
89 44.4 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014840.D

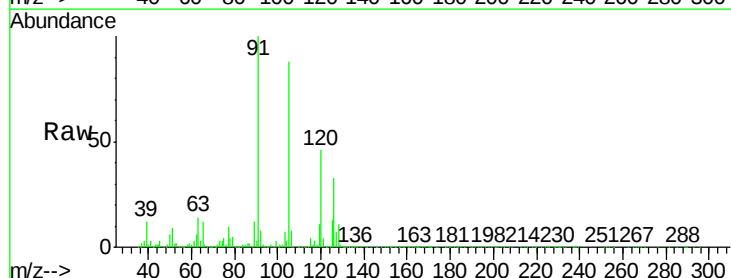
Acq: 06 Feb 2020 11:57

Tgt Ion: 91 Resp: 312241

Ion Ratio Lower Upper

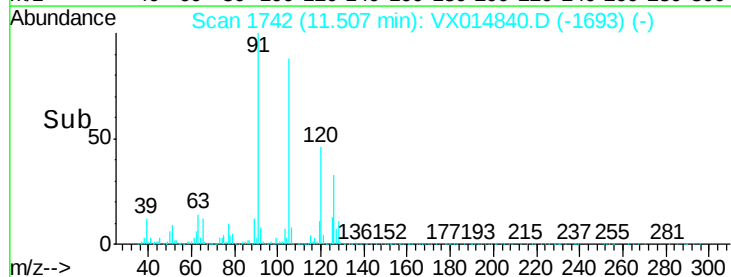
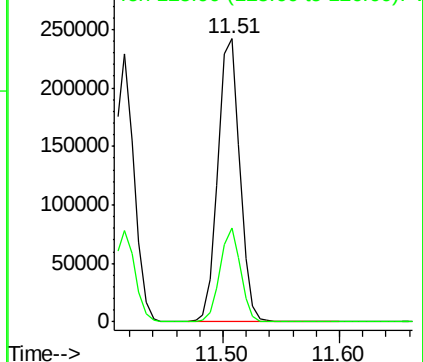
91 100

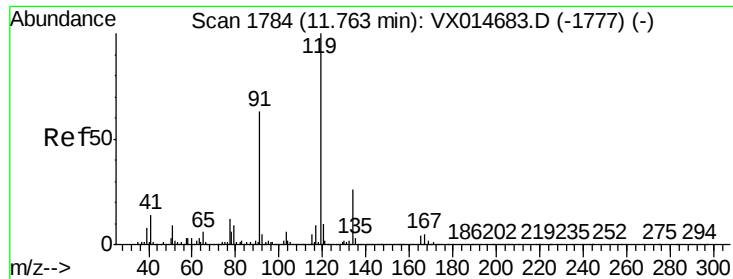
126 31.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

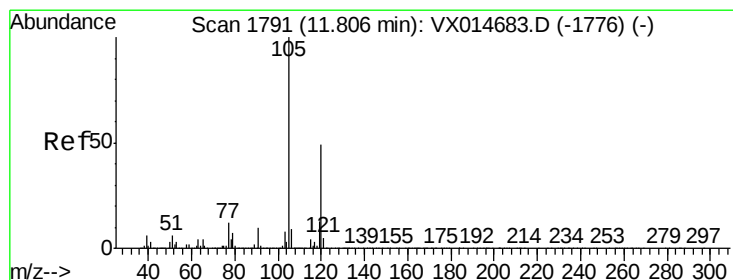
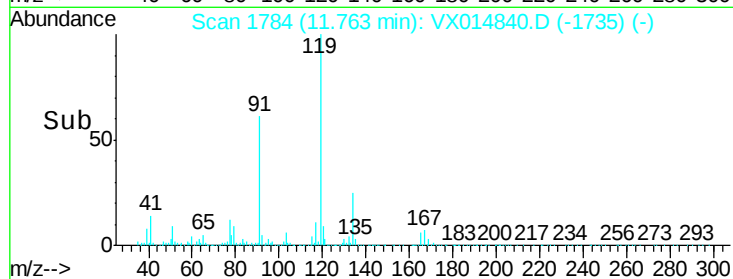
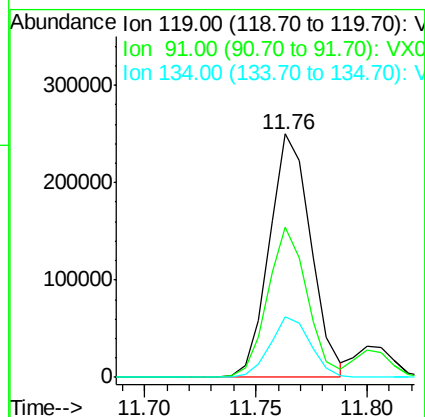
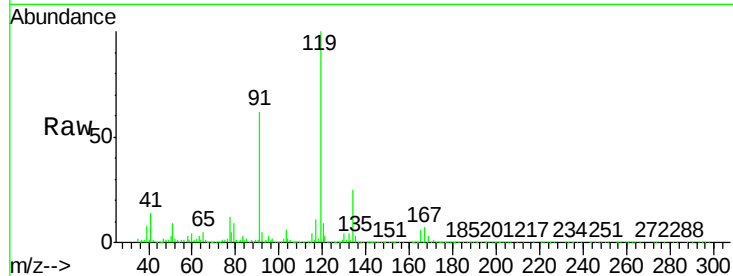




#83
 tert-Butylbenzene
 Concen: 20.84 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

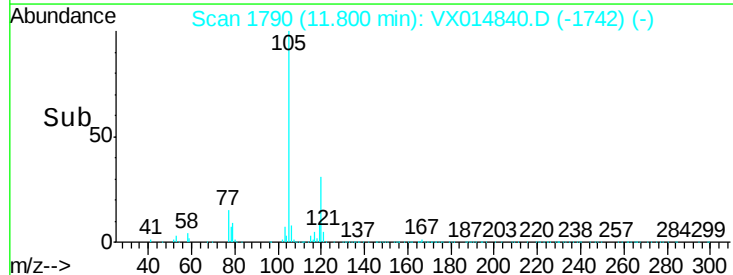
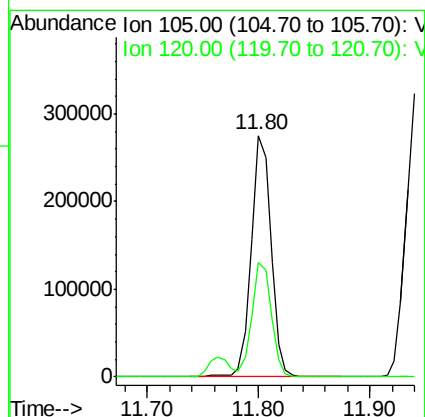
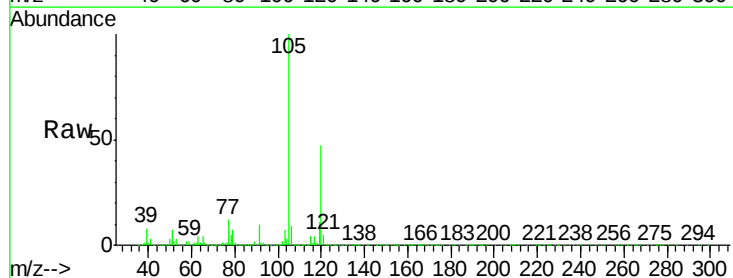
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tgt Ion:	119	Resp:	323609
Ion Ratio	Lower	Upper	
119	100		
91	58.5	30.0	90.0
134	24.5	12.7	38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.47 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion:	105	Resp:	339339
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.4	70.0

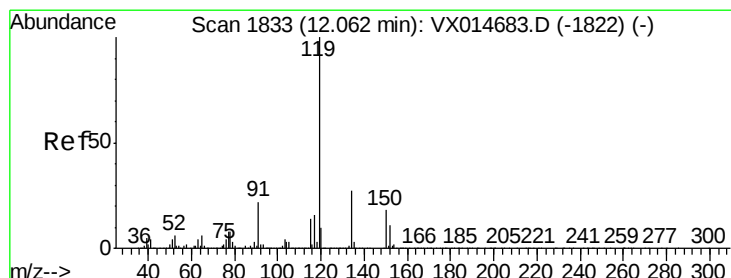
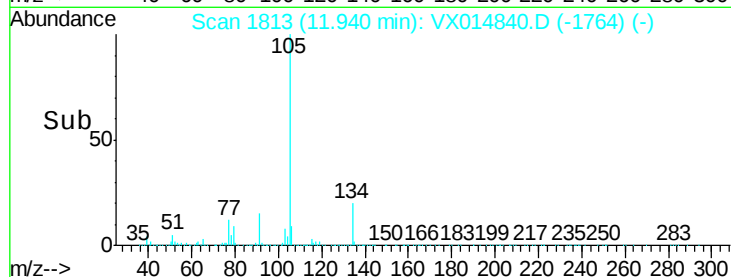
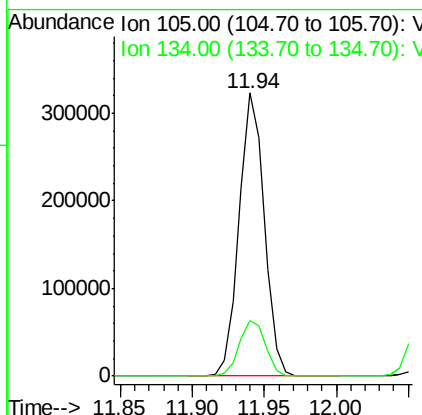
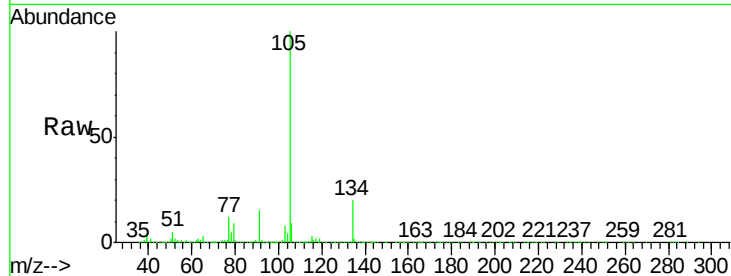




#85
 sec-Butylbenzene
 Concen: 20.63 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

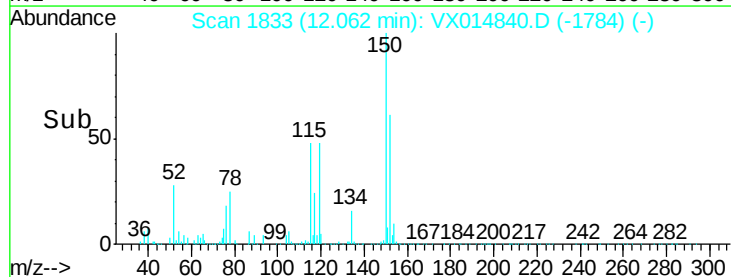
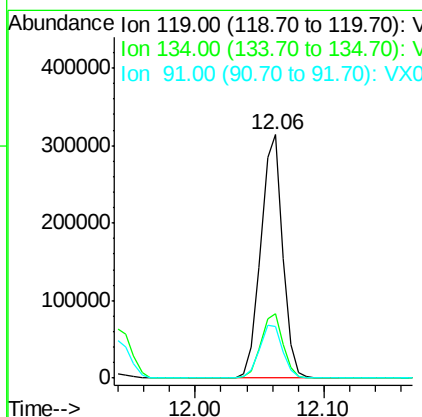
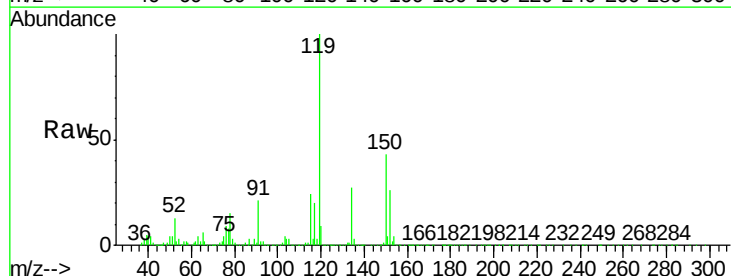
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

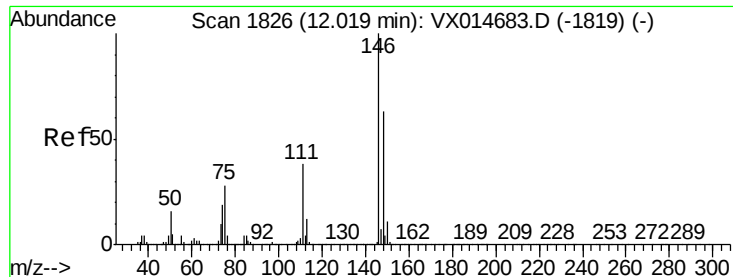
Tgt Ion:105 Resp: 392530
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.79 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion:119 Resp: 365542
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.54 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

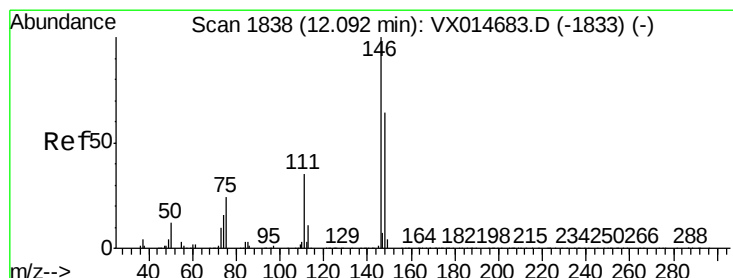
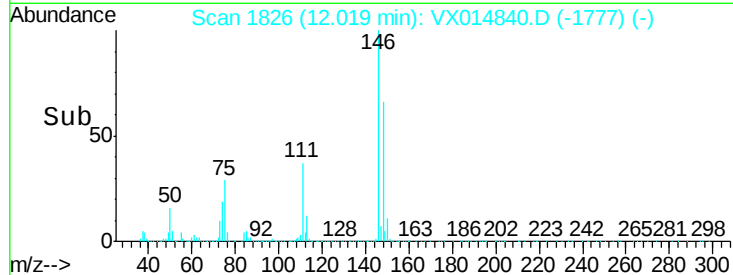
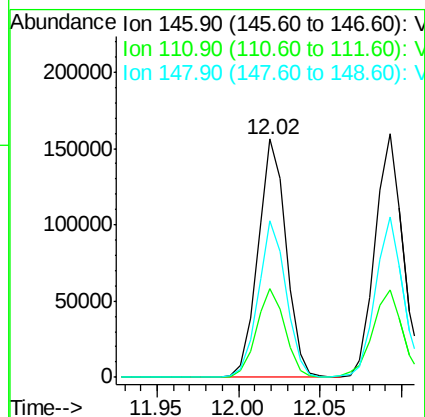
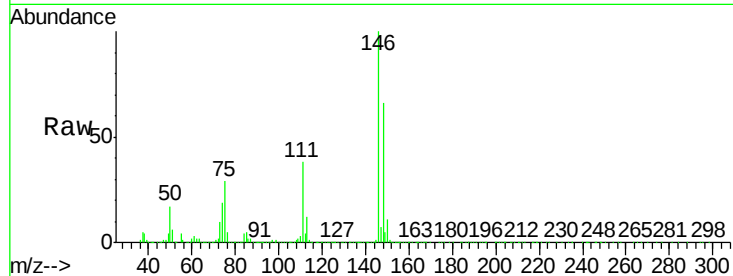
Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tgt Ion:146 Resp: 187891

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	65.0	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 19.55 ug/l

RT: 12.09 min Scan# 1838

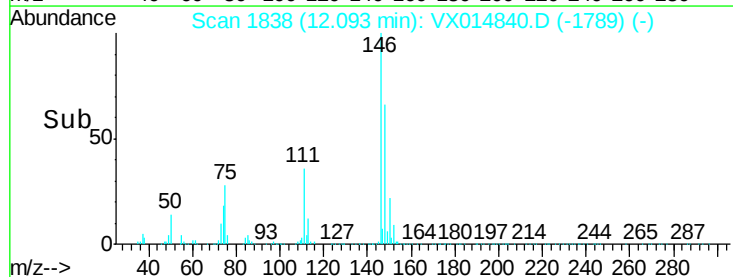
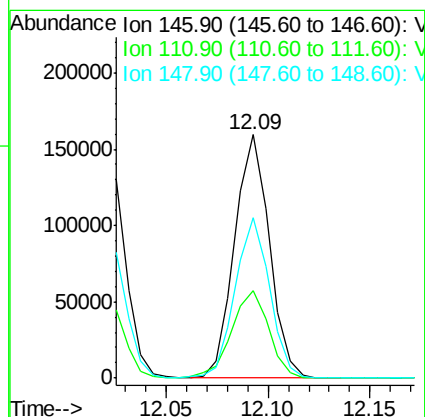
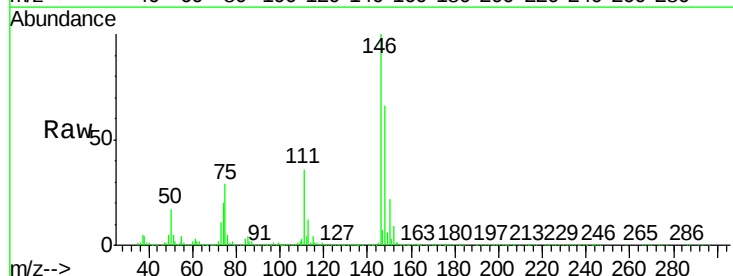
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:146 Resp: 188295

Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	55.8
148	65.7	32.0	96.2

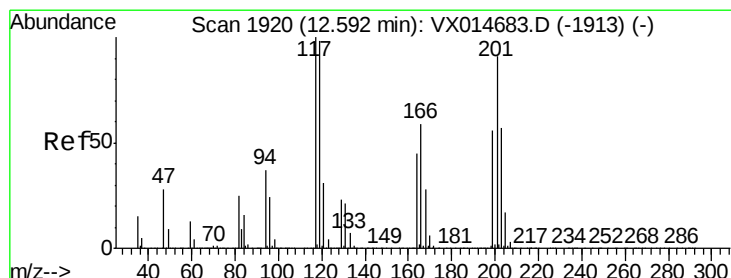
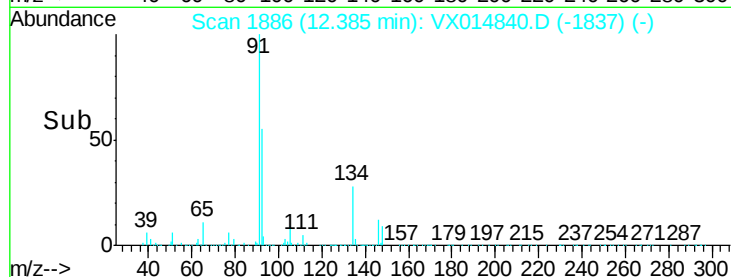
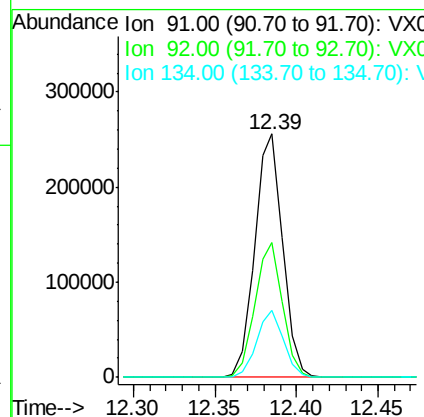
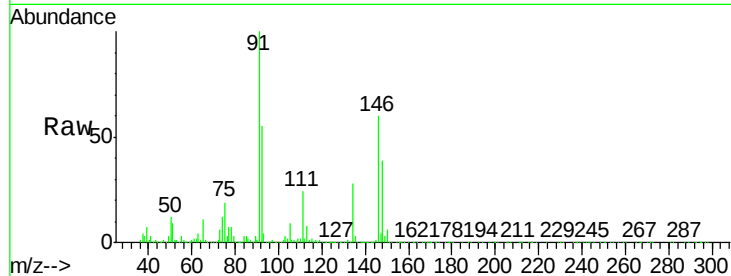




#89
n-Butylbenzene
Concen: 19.88 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

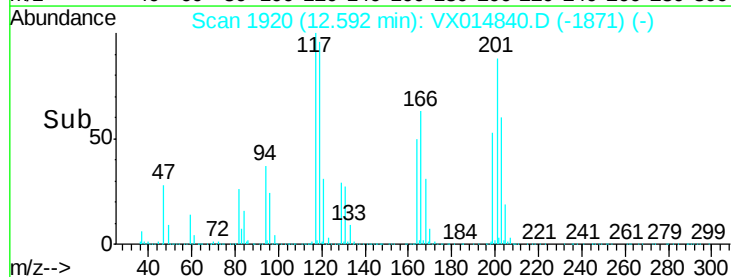
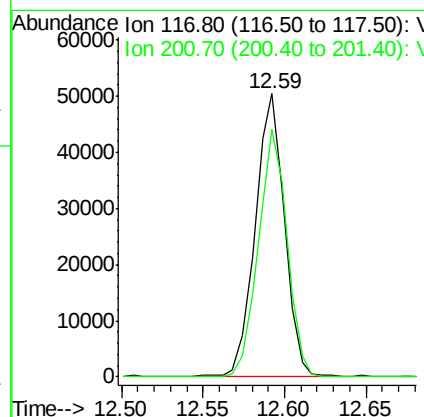
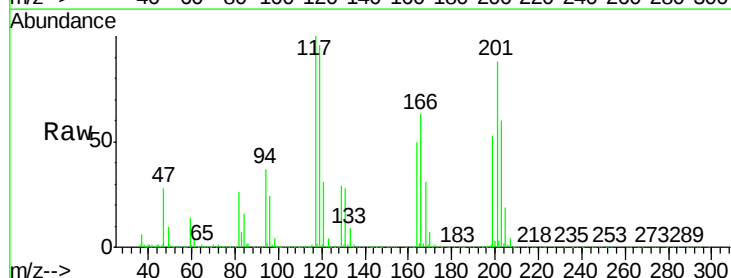
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tgt Ion: 91 Resp: 304475
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.7
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 19.18 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion: 117 Resp: 62629
Ion Ratio Lower Upper
117 100
201 86.9 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 19.74 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

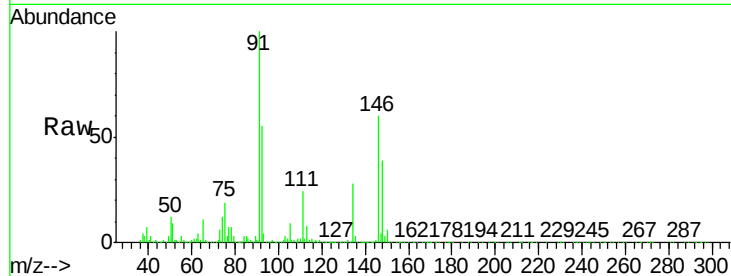
Tgt Ion:146 Resp: 188468

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.8

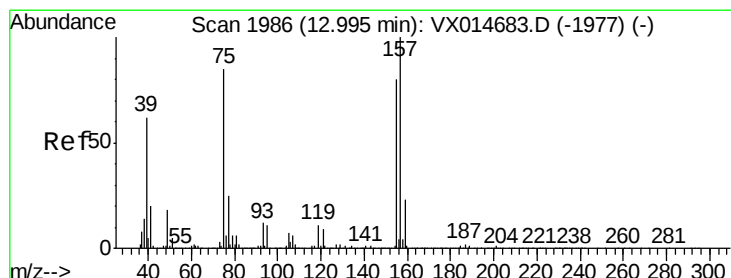
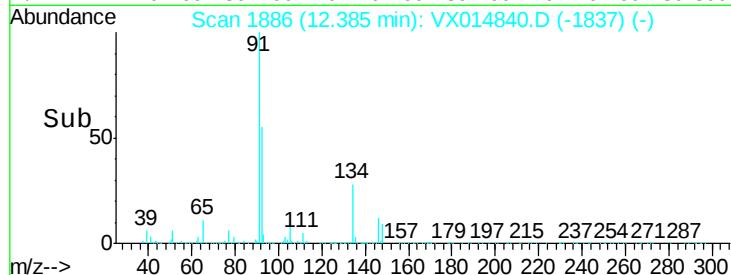
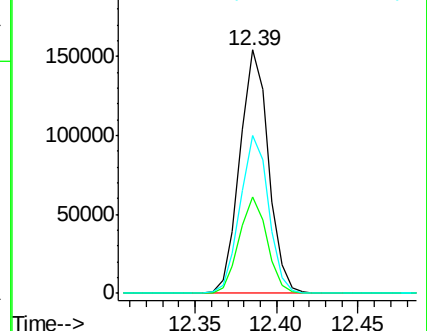
148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.00 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

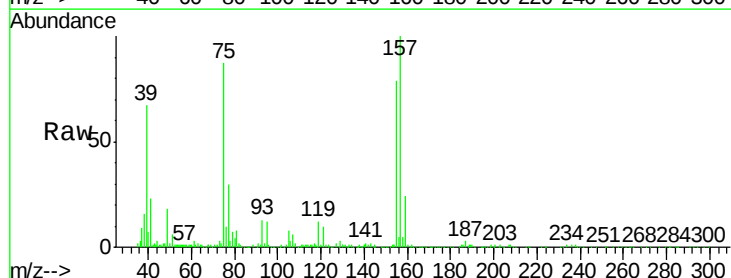
Tgt Ion: 75 Resp: 27506

Ion Ratio Lower Upper

75 100

155 96.4 45.6 136.9

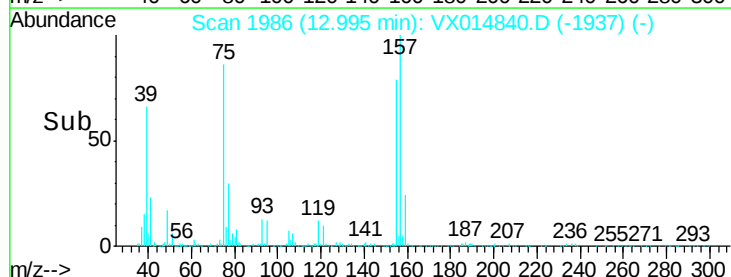
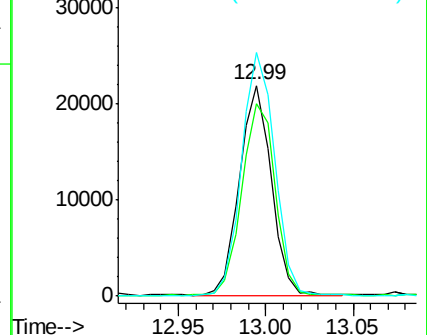
157 121.6 60.3 180.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

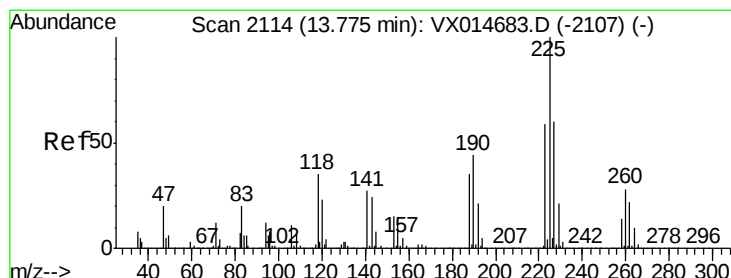
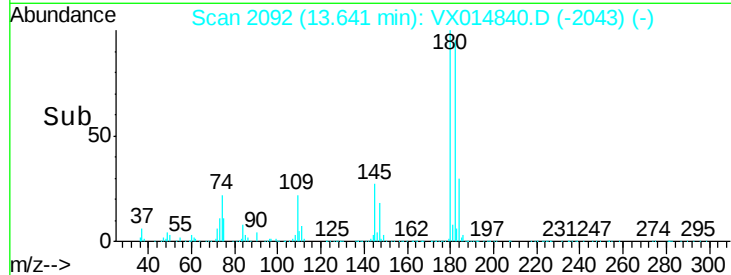
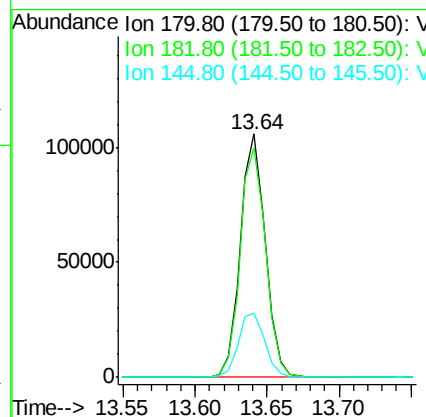
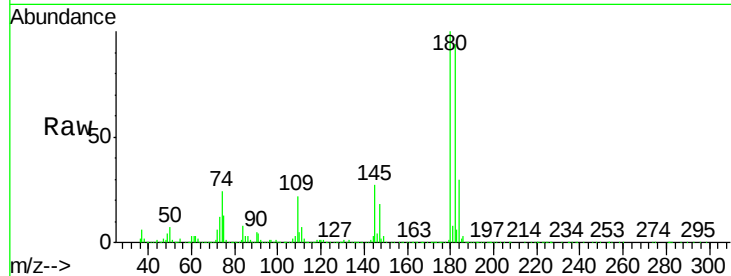




#93
 1,2,4-Trichlorobenzene
 Concen: 20.74 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

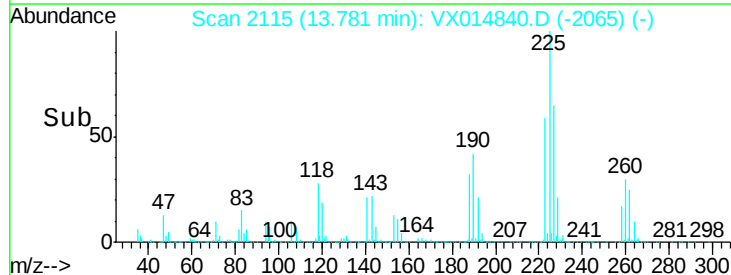
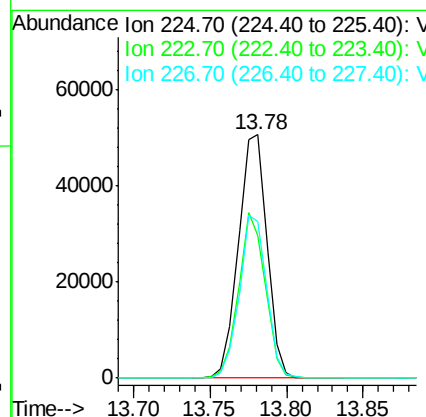
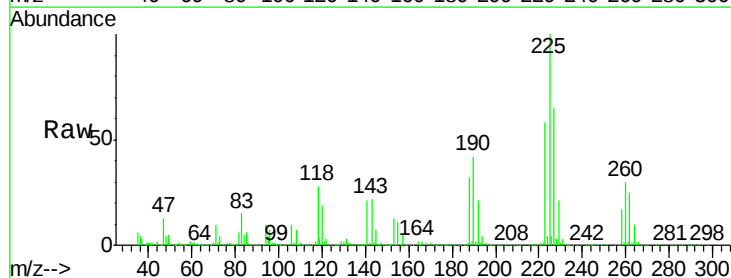
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

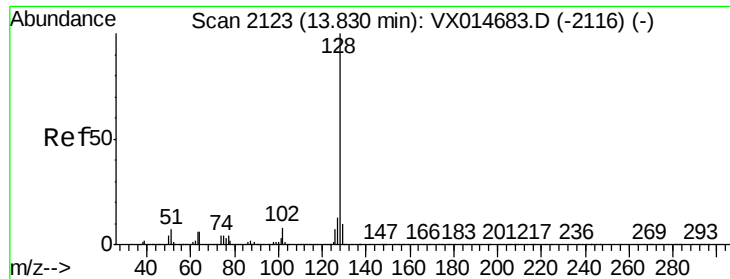
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.5	145.6
145	28.5	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 20.67 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.6	91.8
227	63.8	31.4	94.0

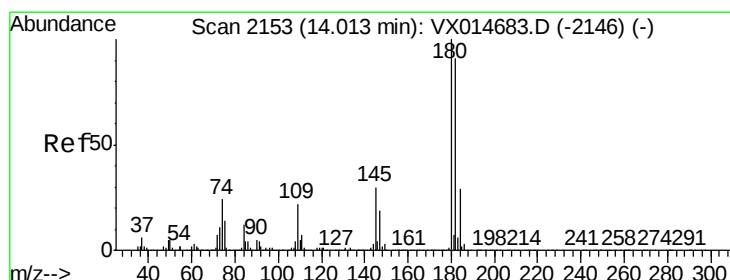
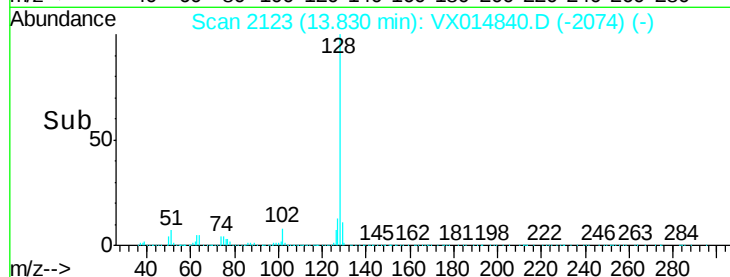
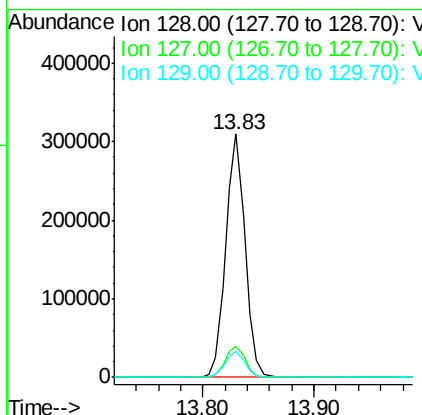
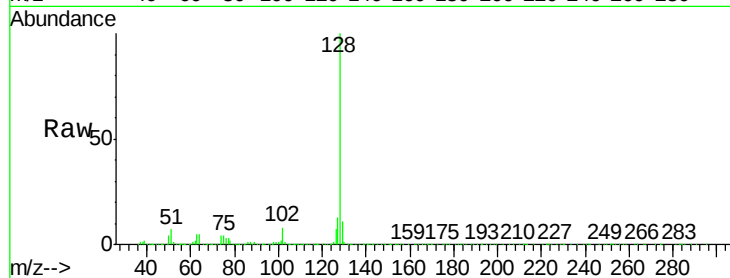




#95
Naphthalene
Concen: 19.22 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tgt Ion:128 Resp: 369945
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.64 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion:180 Resp: 128481
Ion Ratio Lower Upper
180 100
182 96.4 46.6 139.7
145 30.6 14.7 44.1

