

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
 Data File : VX014988.D
 Acq On : 21 Feb 2020 11:30
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX022120

Quant Time: Feb 21 13:24:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	83905	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	453410	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	411115	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	169795	29.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.00%
60) 4-Bromofluorobenzene	11.13	95	187402	29.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.57%
63) Toluene-d8	8.71	98	542703	30.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68616	18.31	ug/l	97
3) Chloromethane	1.32	50	96519	19.92	ug/l	97
4) Vinyl Chloride	1.40	62	95265	18.27	ug/l	100
5) Bromomethane	1.64	94	71240	19.51	ug/l	96
6) Chloroethane	1.72	64	63038	18.05	ug/l	98
7) Trichlorofluoromethane	1.93	101	141558	18.65	ug/l	98
8) Diethyl Ether	2.18	74	60462	18.94	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83244	18.97	ug/l	99
10) 1,1-Dichloroethene	2.37	96	80779	18.31	ug/l	97
11) Methyl Iodide	2.50	142	83206	15.53	ug/l	97
12) Methyl Acetate	2.76	43	102762	18.72	ug/l	97
13) Acrolein	2.28	56	99800	91.43	ug/l	99
14) Acrylonitrile	3.12	53	235078	94.84	ug/l	99
15) Acetone	2.43	58	82495	93.00	ug/l	93
16) Carbon Disulfide	2.56	76	224809	18.96	ug/l	100
17) Allyl chloride	2.72	41	141911	18.50	ug/l	99
18) Methylene Chloride	2.85	84	94598	18.61	ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	90979	18.78	ug/l	99
20) Diisopropyl ether	3.84	45	292404	18.66	ug/l	98
21) 1,1-Dichloroethane	3.69	63	161772	18.83	ug/l	98
22) cis-1,2-Dichloroethene	4.58	96	104736	18.89	ug/l	99
23) tert-Butyl Alcohol	3.01	59	96694	98.41	ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	281483	19.18	ug/l	99
25) Chloroform	5.20	83	162215	18.73	ug/l	96
26) Cyclohexane	5.57	56	143861	18.74	ug/l	# 100
29) 1,1-Dichloropropene	5.78	75	120830	18.84	ug/l	100
30) 2-Butanone	4.65	43	355844	96.13	ug/l	99
31) 2,2-Dichloropropane	4.57	77	133838	19.01	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	138259	18.98	ug/l	98
33) Carbon Tetrachloride	5.78	117	120645	18.92	ug/l	95
34) Benzene	6.13	78	367556	18.99	ug/l	98
35) Methacrylonitrile	5.02	41	70140	18.57	ug/l	99
36) 1,2-Dichloroethane	6.18	62	131382	19.18	ug/l	98
37) Trichloroethene	7.20	130	104396	19.21	ug/l	96
38) Methylcyclohexane	7.45	83	152828	19.23	ug/l	99
39) 1,2-Dichloropropane	7.50	63	93348	18.74	ug/l	95
40) Dibromomethane	7.65	93	61780	18.57	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX022120\
 Data File : VX014988.D
 Acq On : 21 Feb 2020 11:30
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

Quant Time: Feb 21 13:24:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 11:08:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	122836	18.70	ug/l	98
42) Vinyl Acetate	3.80	43	1264843	97.08	ug/l	99
43) Ethyl Acetate	4.81	43	131670	19.66	ug/l	98
44) Isopropyl Acetate	6.43	43	216108	19.19	ug/l	98
45) 1,4-Dioxane	7.73	88	40344	387.77	ug/l	98
46) Methyl methacrylate	7.76	41	104317	18.73	ug/l	99
47) n-amyl Acetate	10.89	43	183199	18.78	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	138211	18.96	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	151773	18.91	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	94069	18.98	ug/l	97
51) Ethyl methacrylate	9.17	69	146094	19.10	ug/l	99
52) 1,3-Dichloropropane	9.36	76	159053	18.97	ug/l	99
53) Dibromochloromethane	9.57	129	101828	19.01	ug/l	100
54) 1,2-Dibromoethane	9.67	107	101256	19.25	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	363770	89.29	ug/l	100
56) Bromoform	10.85	173	77211	18.38	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	660560	98.04	ug/l	99
59) 2-Hexanone	9.48	43	513034	97.45	ug/l	99
61) Tetrachloroethene	9.33	164	103615	18.76	ug/l	99
62) Toluene	8.78	91	398699	18.93	ug/l	99
64) Chlorobenzene	10.13	112	257299	19.14	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	94790	19.04	ug/l	98
66) Ethyl Benzene	10.25	91	442261	19.07	ug/l	99
67) m/p-Xylenes	10.35	106	344486	38.51	ug/l	98
68) o-Xylene	10.69	106	165401	19.11	ug/l	98
69) Styrene	10.71	104	276096	18.68	ug/l	99
70) Isopropylbenzene	11.01	105	440156	19.15	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	143111	19.33	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	161542	23.42	ug/l	92
73) Bromobenzene	11.25	156	116525	18.76	ug/l	98
74) n-propylbenzene	11.35	91	499641	19.10	ug/l	100
75) 2-Chlorotoluene	11.42	91	297184	19.22	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	368110	19.11	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	44530	17.99	ug/l	95
78) 4-Chlorotoluene	11.51	91	341218	19.08	ug/l	99
79) tert-butylbenzene	11.76	119	360050	19.34	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	364362	19.02	ug/l	99
81) sec-Butylbenzene	11.94	105	425668	19.10	ug/l	98
82) p-Isopropyltoluene	12.06	119	394072	19.03	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	206504	18.96	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	207426	18.92	ug/l	99
85) n-Butylbenzene	12.39	91	329393	18.28	ug/l	99
86) Hexachloroethane	12.59	117	67691	18.08	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	205319	18.95	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	30188	18.73	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	143175	18.37	ug/l	99
90) Hexachlorobutadiene	13.78	225	74085	19.14	ug/l	96
91) Naphthalene	13.83	128	411980	18.67	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	142983	18.48	ug/l	100

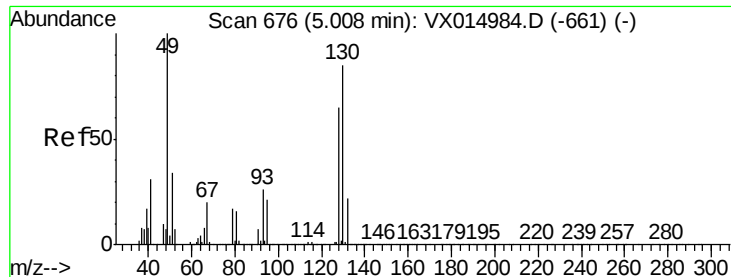
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022120\
Data File : VX014988.D
Acq On : 21 Feb 2020 11:30
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Quant Time: Feb 21 13:24:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Feb 21 11:08:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

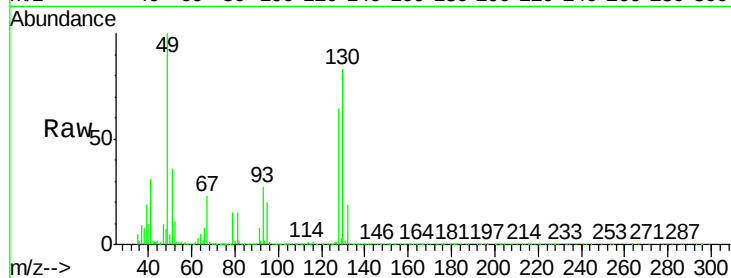
Tgt Ion:128 Resp: 83905

Ion Ratio Lower Upper

128 100

49 151.7 0.0 384.7

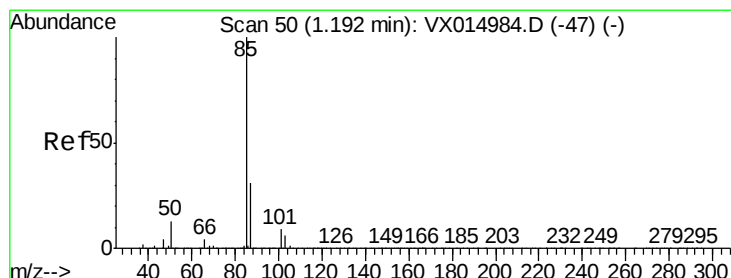
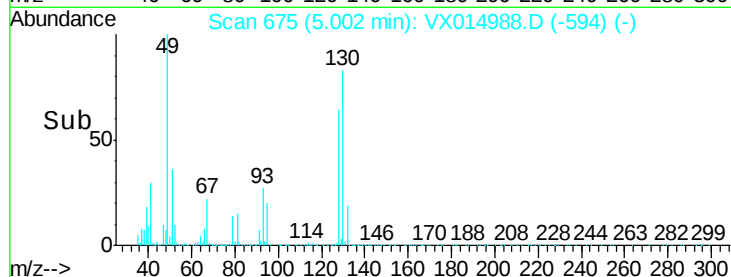
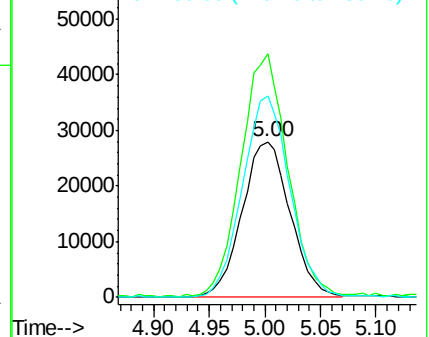
130 127.9 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.31 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014988.D

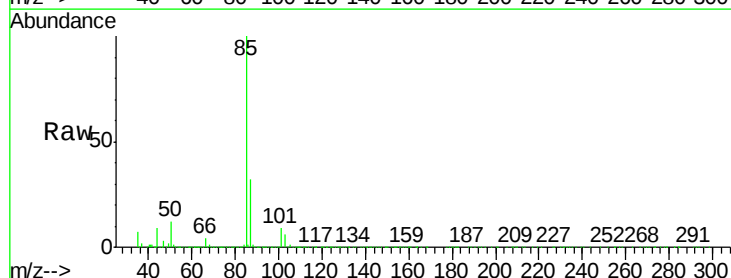
Acq: 21 Feb 2020 11:30

Tgt Ion: 85 Resp: 68616

Ion Ratio Lower Upper

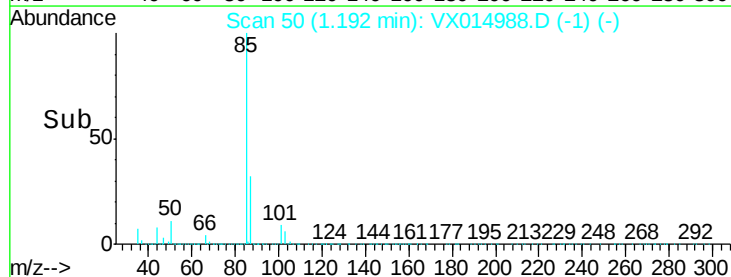
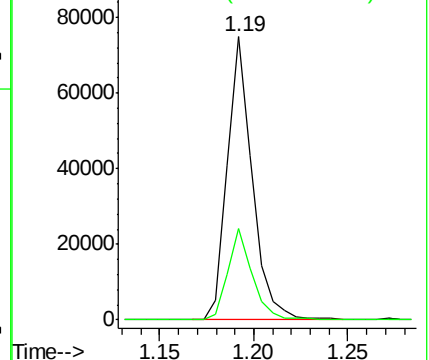
85 100

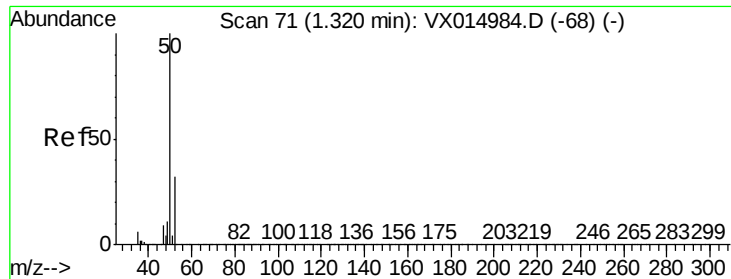
87 32.2 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

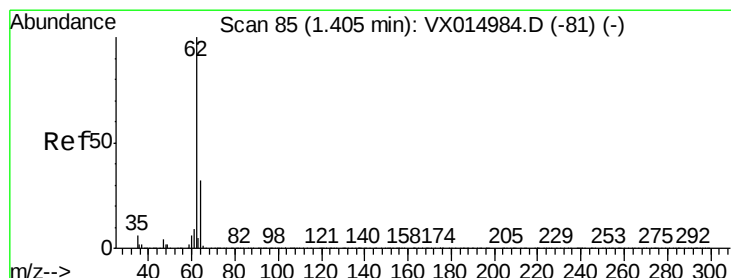
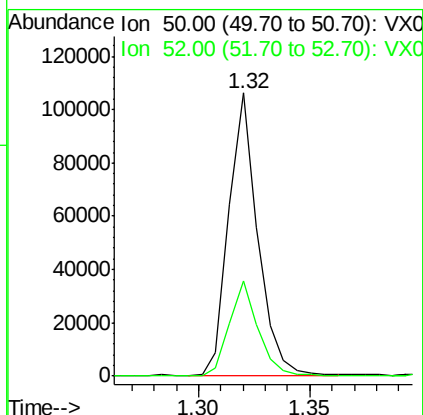
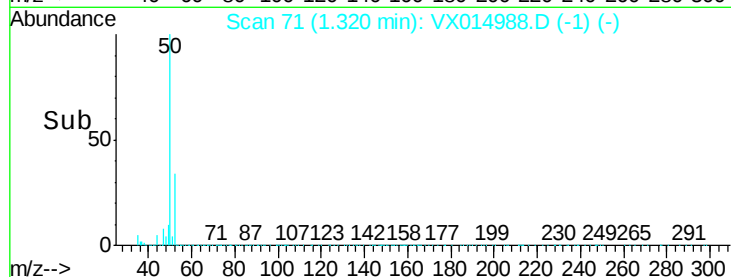
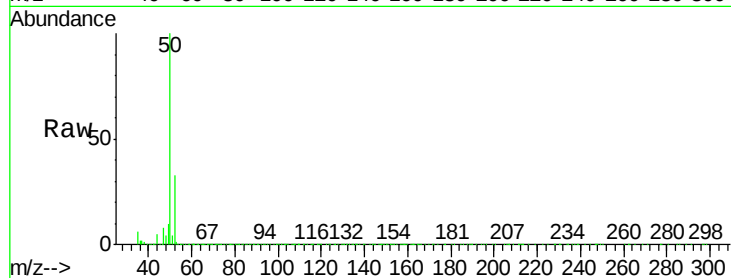




#3
Chloromethane
Concen: 19.92 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

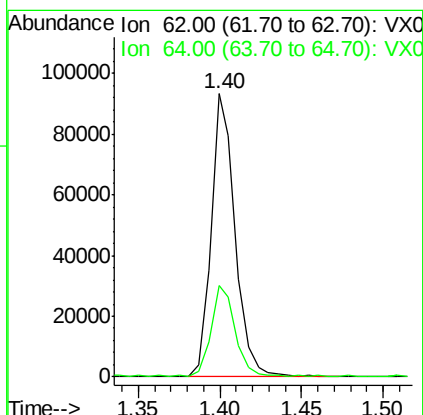
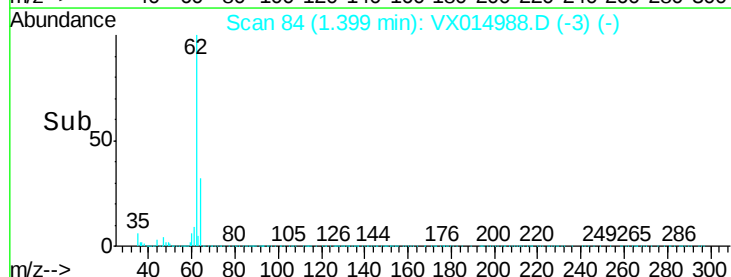
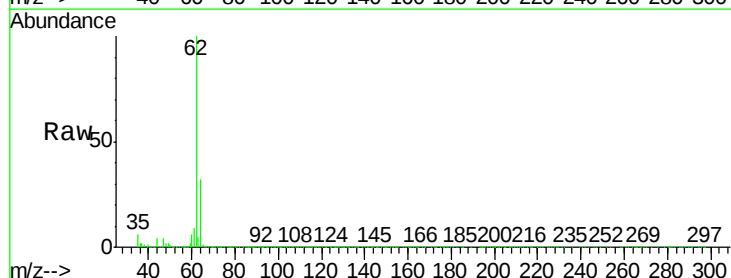
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

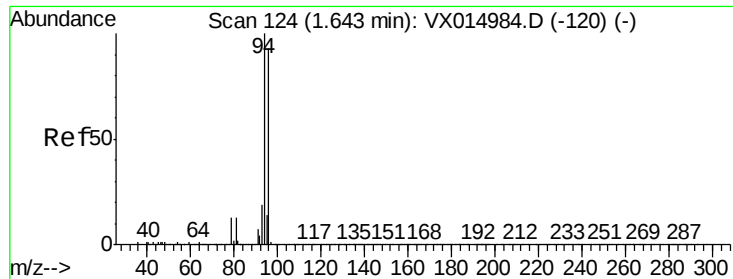
Tgt Ion: 50 Resp: 96519
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0



#4
Vinyl Chloride
Concen: 18.27 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion: 62 Resp: 95265
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 19.51 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

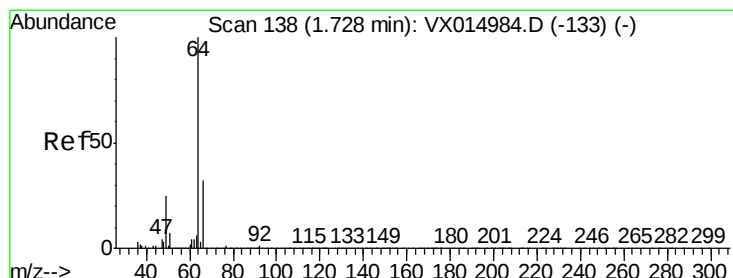
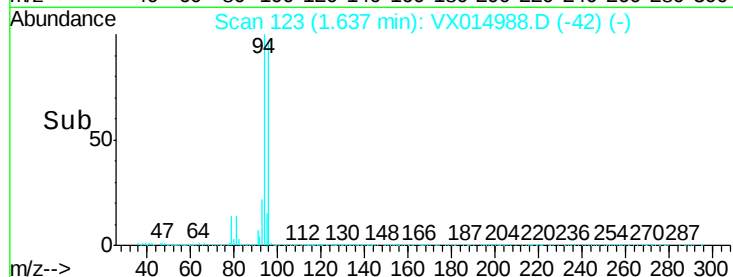
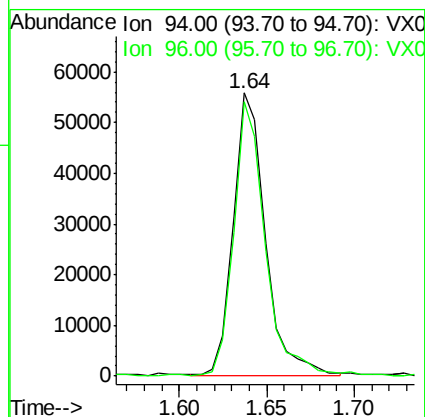
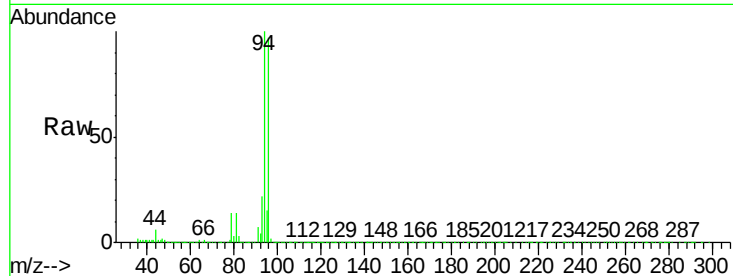
ICVX022120

Tgt Ion: 94 Resp: 71240

Ion Ratio Lower Upper

94 100

96 97.4 74.6 112.0



#6

Chloroethane

Concen: 18.05 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014988.D

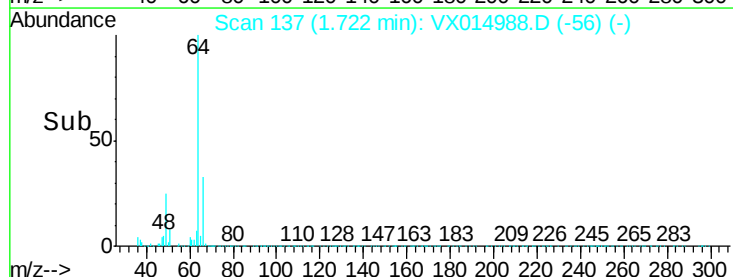
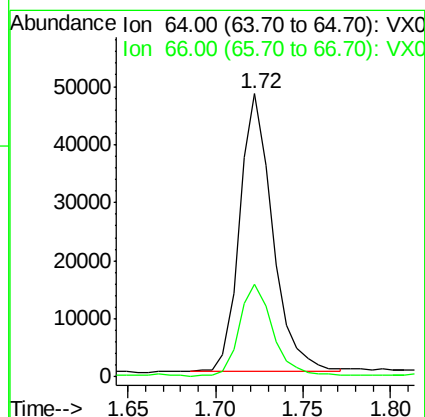
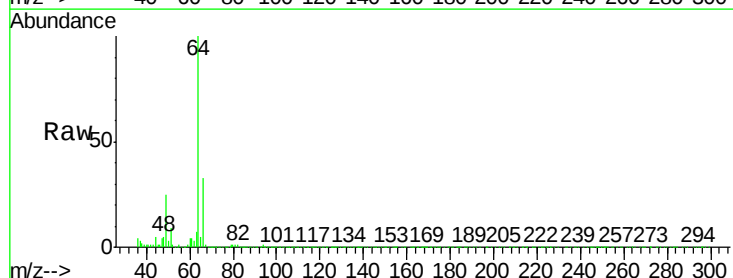
Acq: 21 Feb 2020 11:30

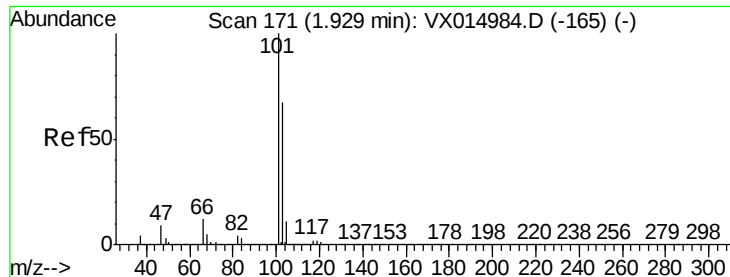
Tgt Ion: 64 Resp: 63038

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.6



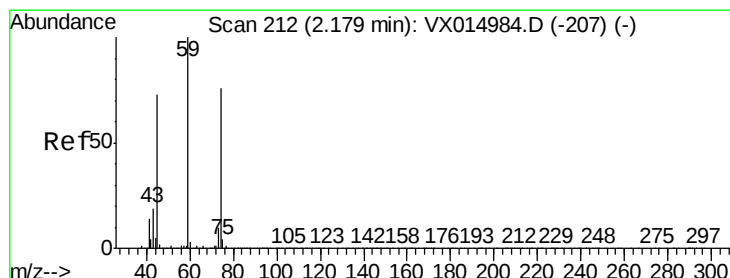
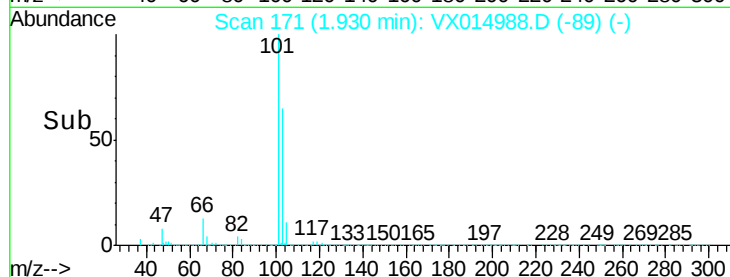
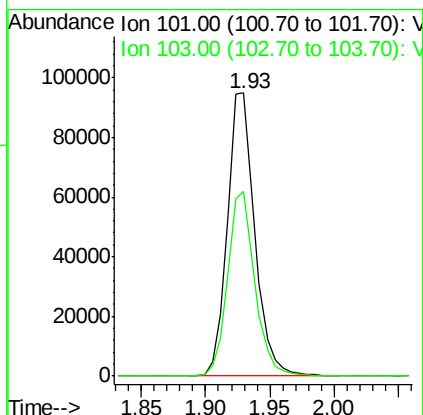
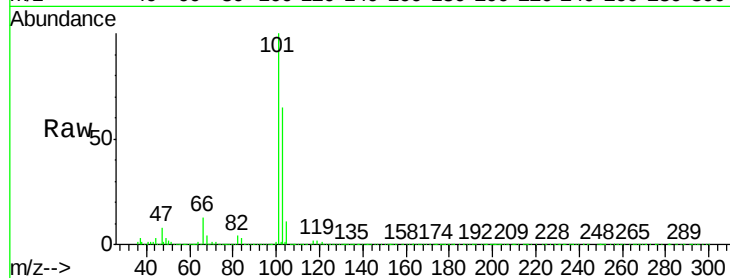


#7

Trichlorofluoromethane
Concen: 18.65 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

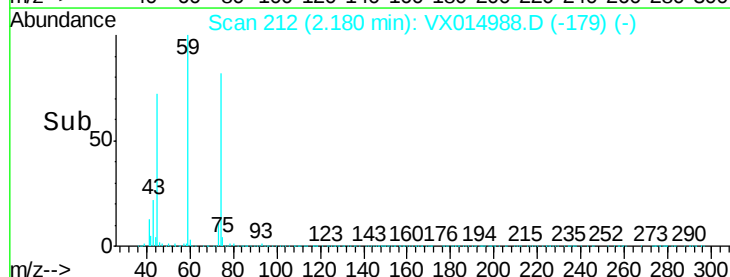
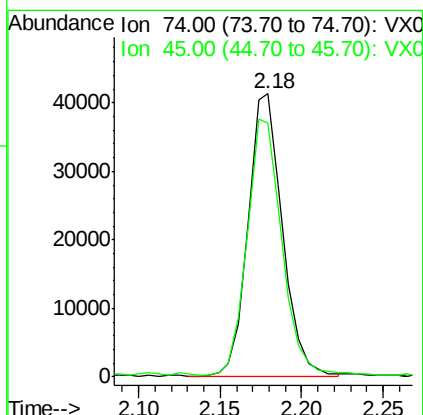
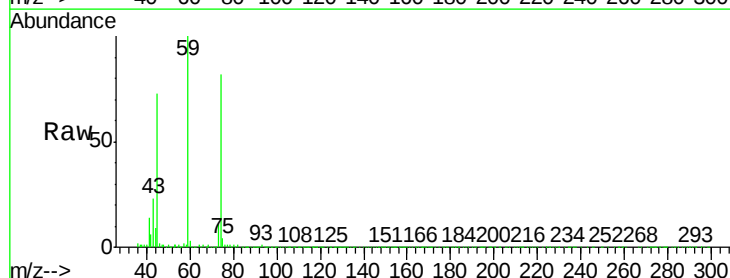
Tgt Ion: 101 Resp: 141558
Ion Ratio Lower Upper
101 100
103 65.1 53.4 80.2

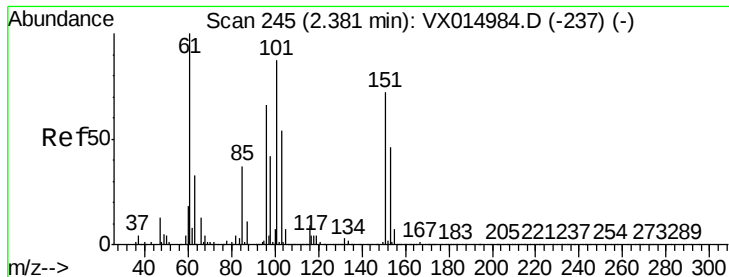


#8

Diethyl Ether
Concen: 18.94 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion: 74 Resp: 60462
Ion Ratio Lower Upper
74 100
45 92.2 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.97 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX022120

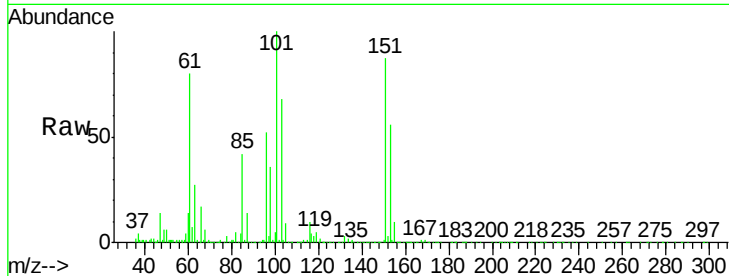
Tgt Ion:101 Resp: 83244

Ion Ratio Lower Upper

101 100

85 41.9 0.0 86.6

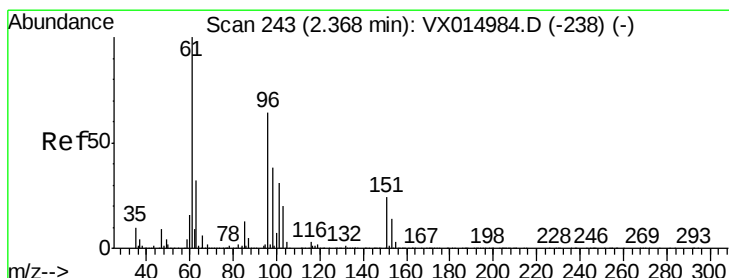
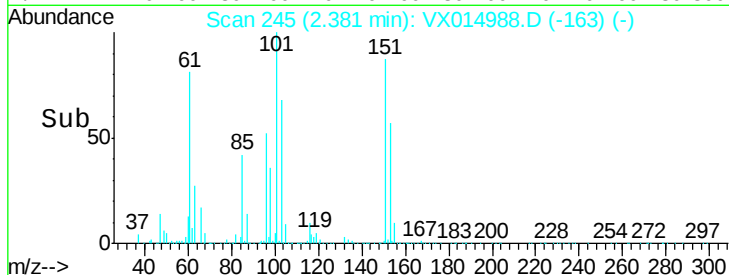
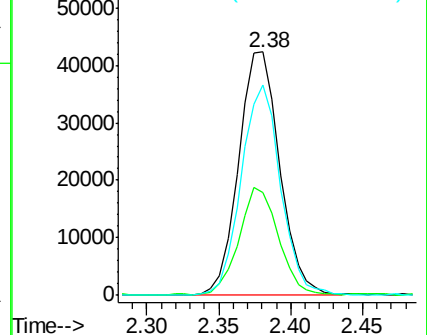
151 83.7 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.31 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

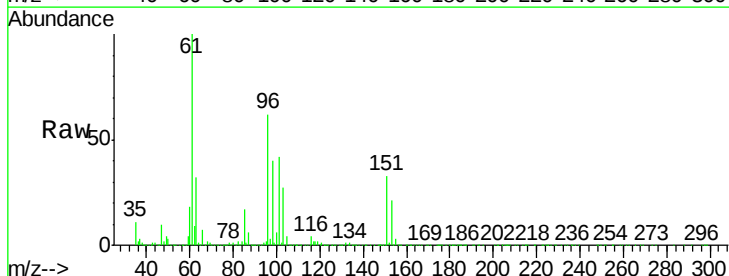
Tgt Ion: 96 Resp: 80779

Ion Ratio Lower Upper

96 100

61 160.9 126.1 189.1

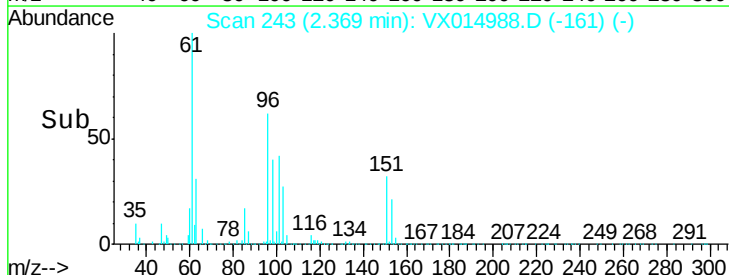
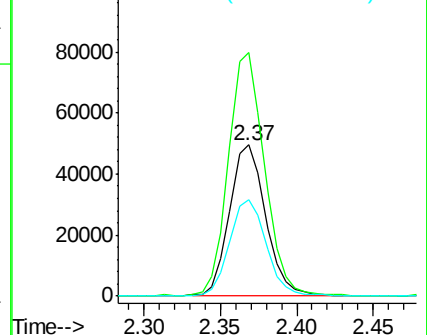
98 63.7 48.2 72.2

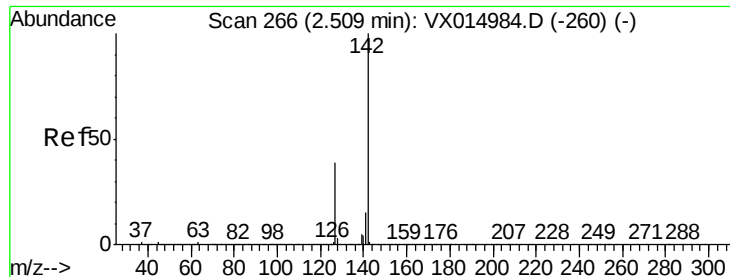


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

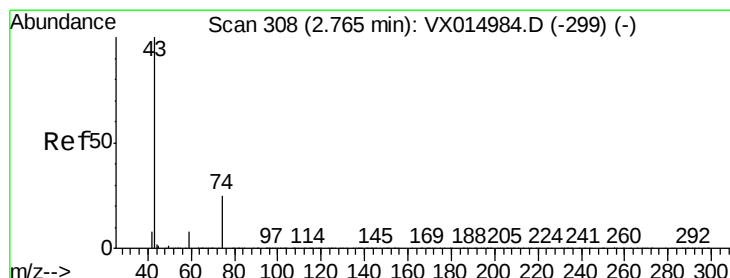
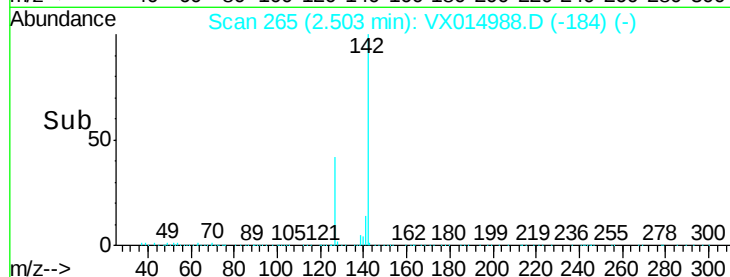
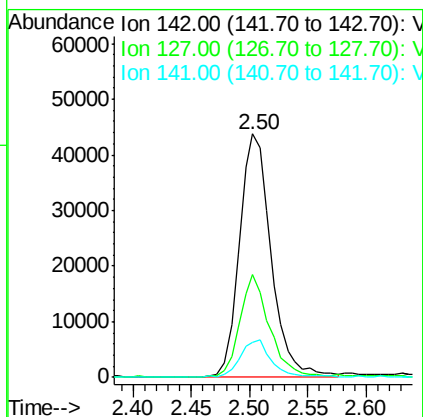
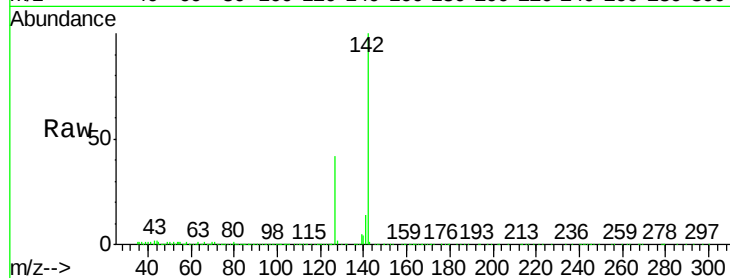




#11
Methyl Iodide
Concen: 15.53 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

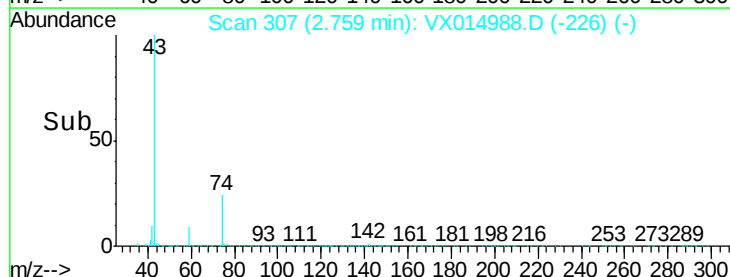
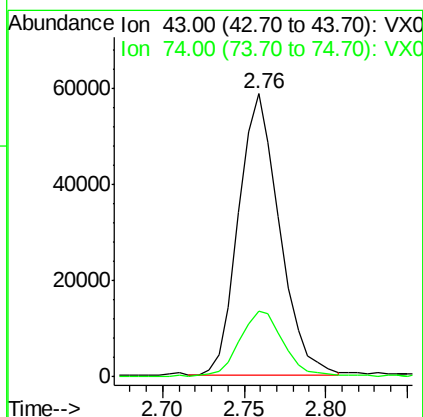
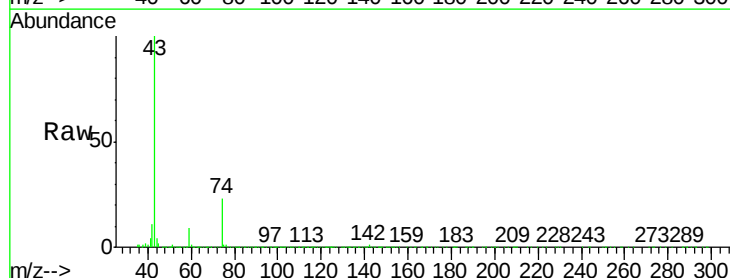
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

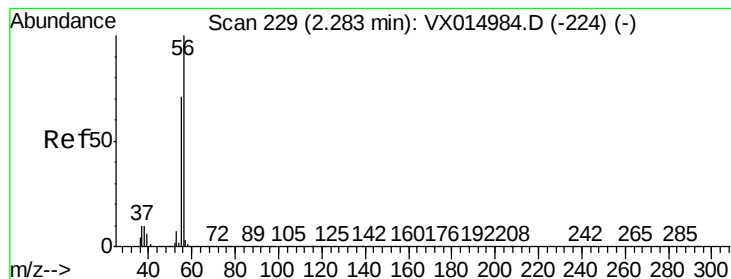
Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	19.7	59.0
141	14.1	7.4	22.2



#12
Methyl Acetate
Concen: 18.72 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.8	29.8





#13

Acrolein

Concen: 91.43 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

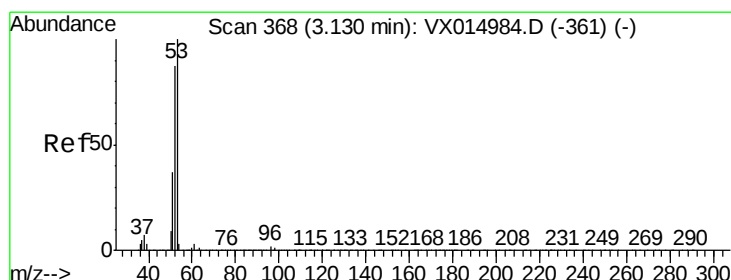
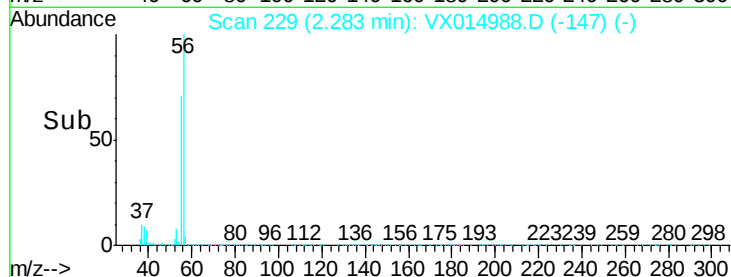
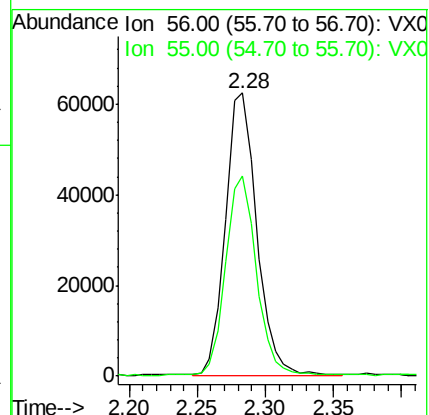
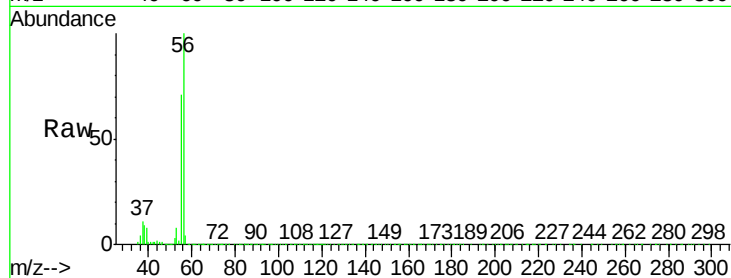
ICVVX022120

Tgt Ion: 56 Resp: 99800

Ion Ratio Lower Upper

56 100

55 69.2 56.2 84.2



#14

Acrylonitrile

Concen: 94.84 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

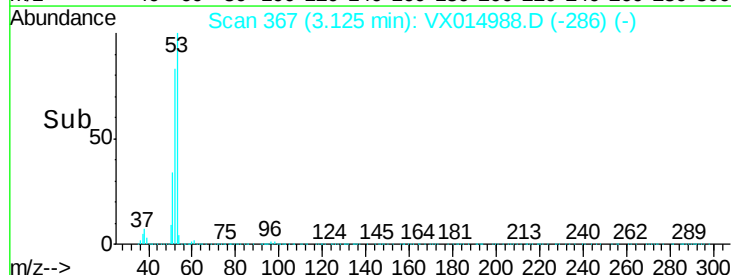
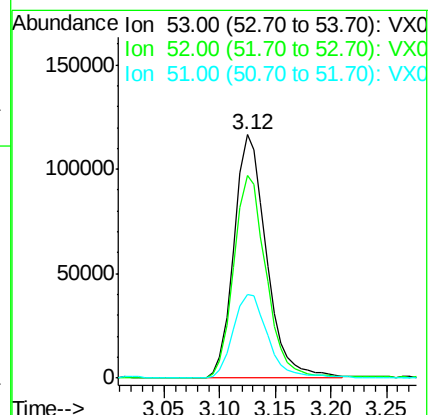
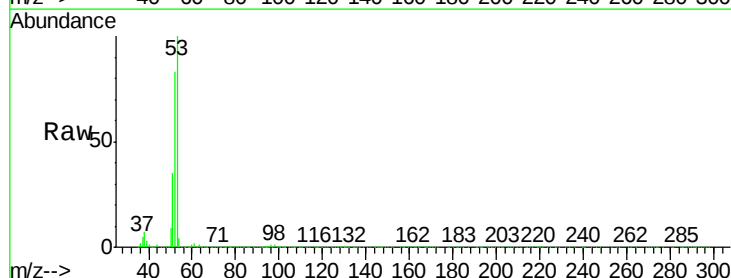
Tgt Ion: 53 Resp: 235078

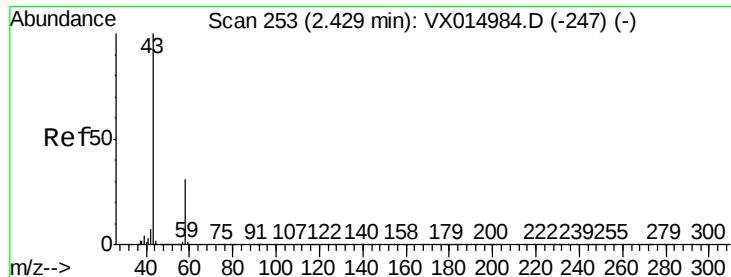
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.6 18.1 54.4





#15

Acetone

Concen: 93.00 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

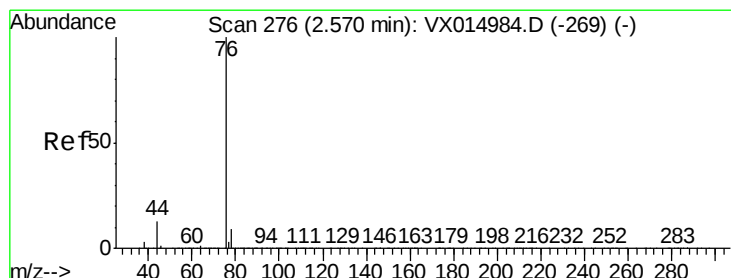
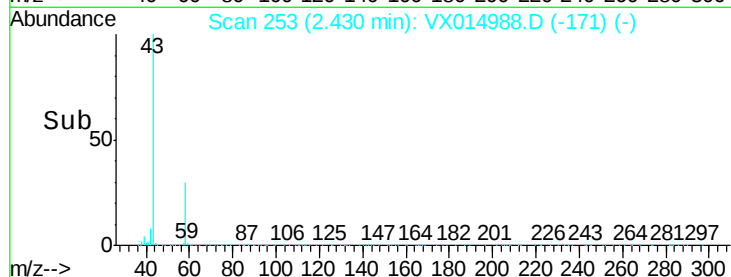
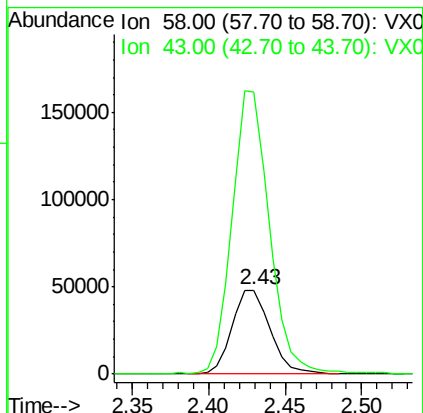
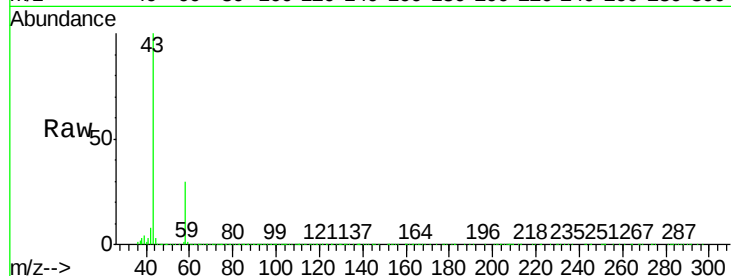
ICVVX022120

Tgt Ion: 58 Resp: 82495

Ion Ratio Lower Upper

58 100

43 337.3 257.7 386.5



#16

Carbon Disulfide

Concen: 18.96 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014988.D

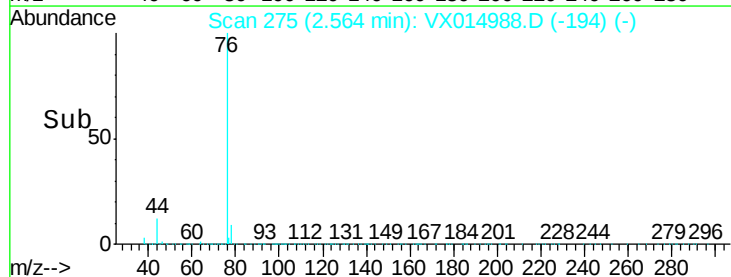
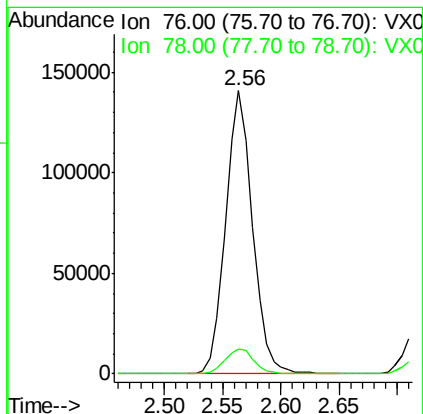
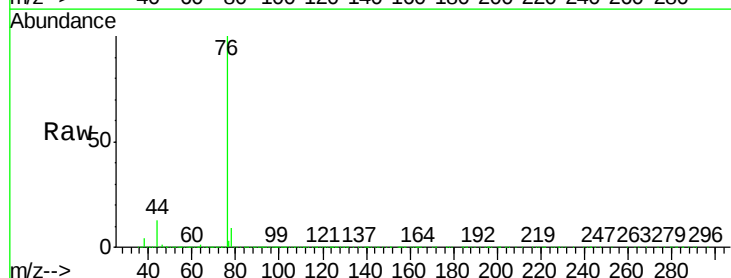
Acq: 21 Feb 2020 11:30

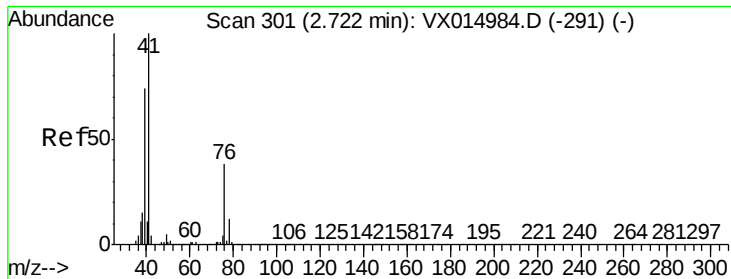
Tgt Ion: 76 Resp: 224809

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

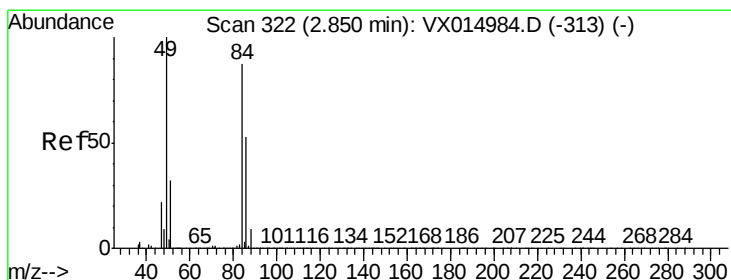
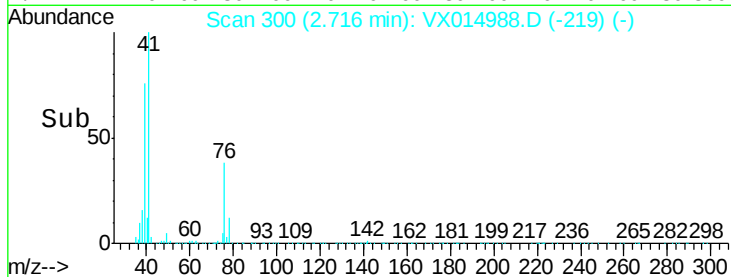
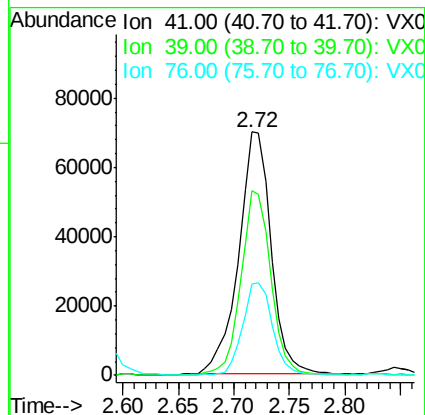
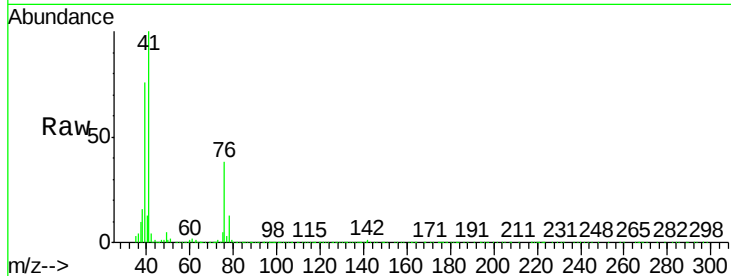




#17
 Allyl chloride
 Concen: 18.50 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

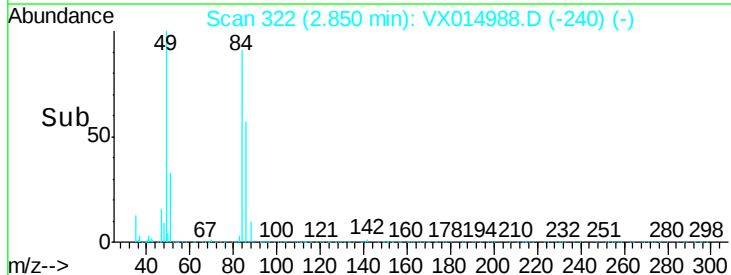
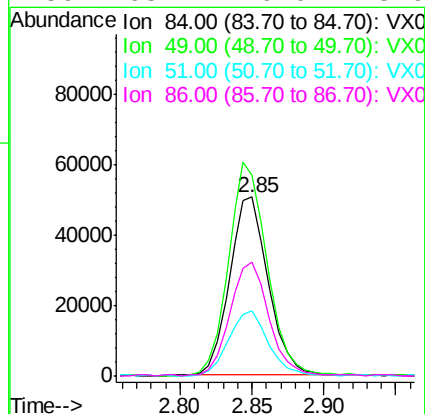
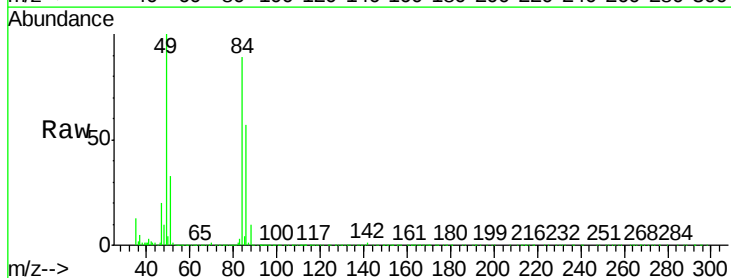
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

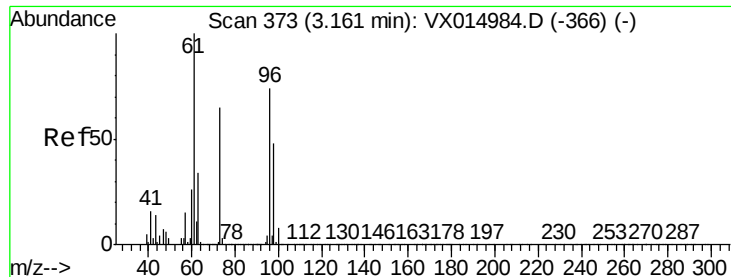
Tgt Ion: 41 Resp: 141911
 Ion Ratio Lower Upper
 41 100
 39 76.1 37.1 111.5
 76 37.6 18.8 56.4



#18
 Methylene Chloride
 Concen: 18.61 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion: 84 Resp: 94598
 Ion Ratio Lower Upper
 84 100
 49 111.9 92.2 138.2
 51 36.5 29.7 44.5
 86 63.1 49.0 73.6

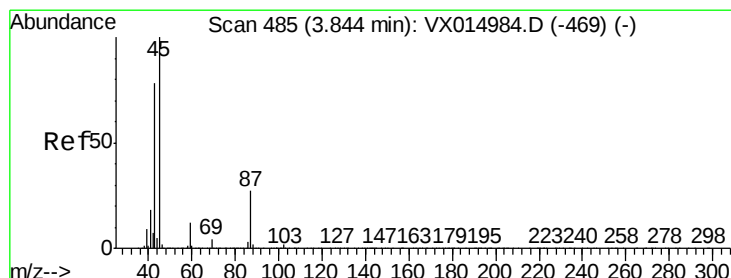
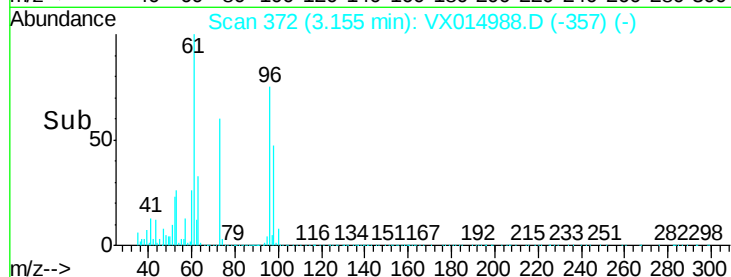
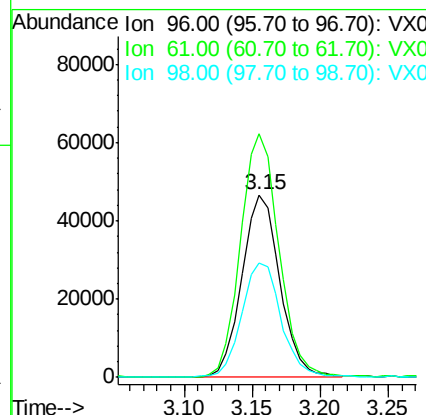
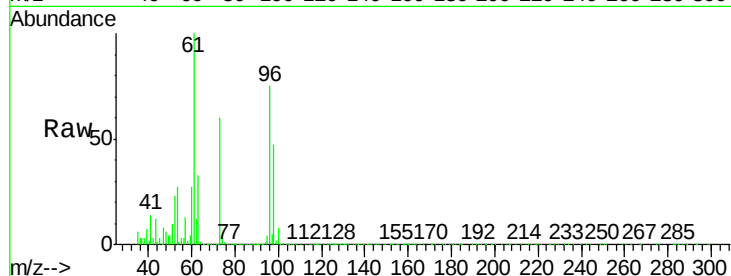




#19
trans-1,2-Dichloroethene
Concen: 18.78 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

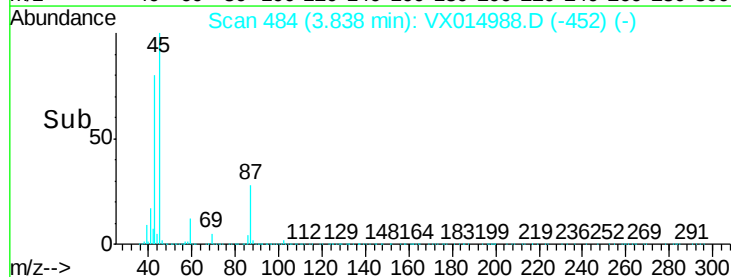
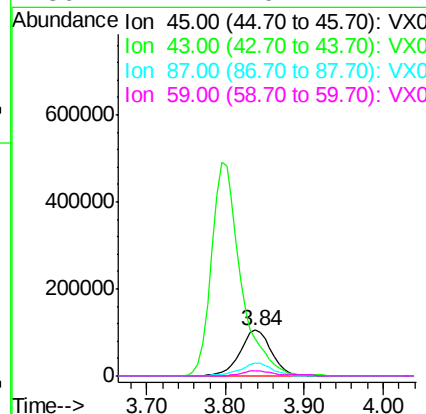
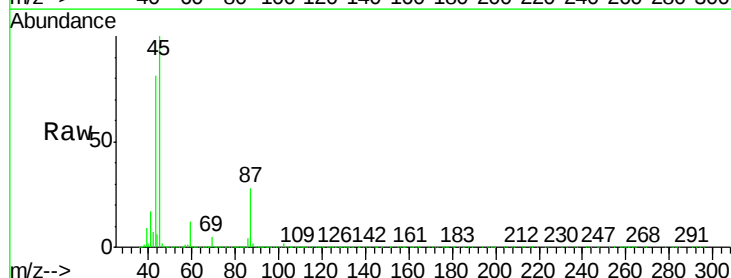
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

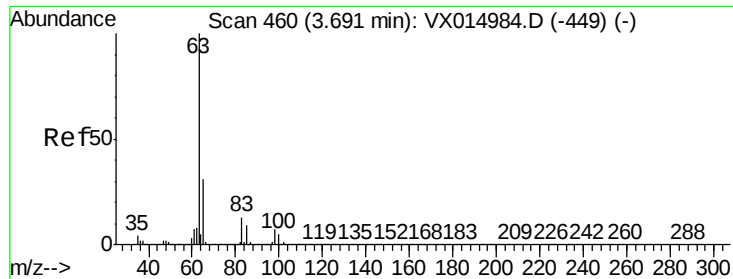
Tgt Ion: 96 Resp: 90979
Ion Ratio Lower Upper
96 100
61 133.5 107.1 160.7
98 62.4 51.4 77.2



#20
Diisopropyl ether
Concen: 18.66 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion: 45 Resp: 292404
Ion Ratio Lower Upper
45 100
43 79.7 62.3 93.5
87 28.0 21.8 32.6
59 12.1 9.4 14.2

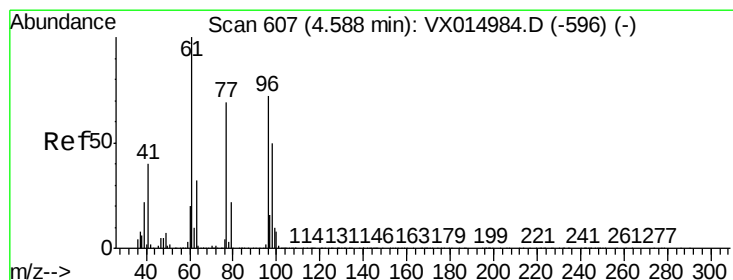
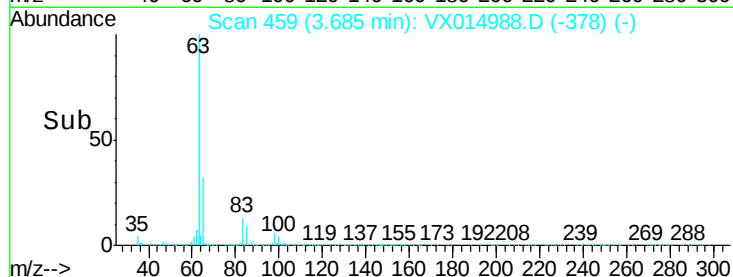
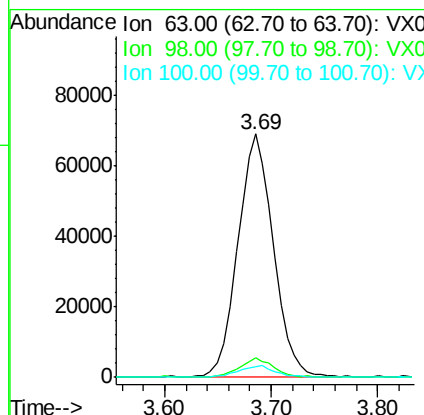
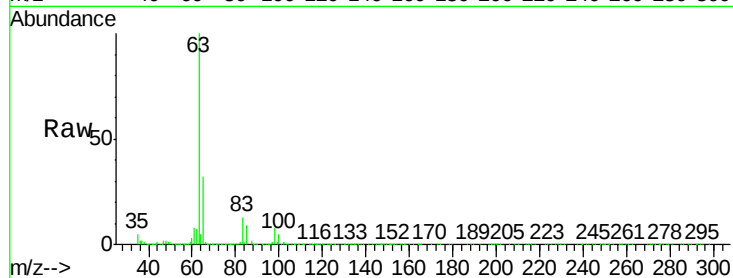




#21
1,1-Dichloroethane
Concen: 18.83 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

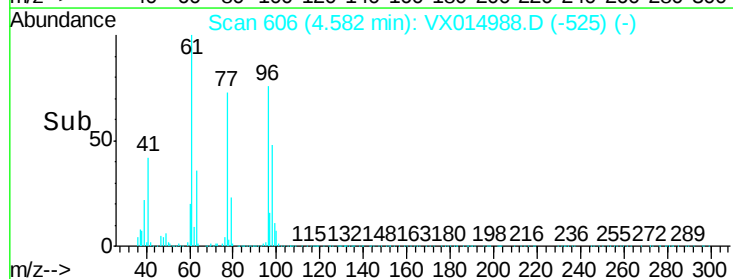
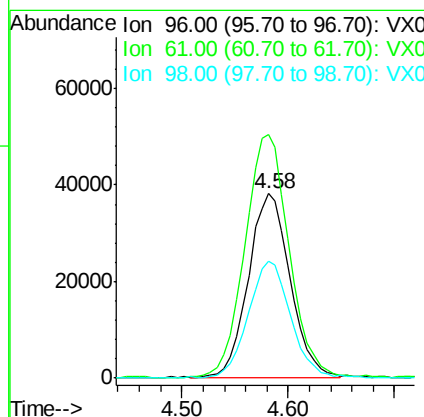
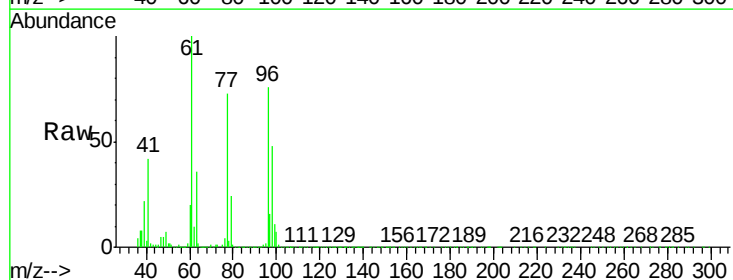
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

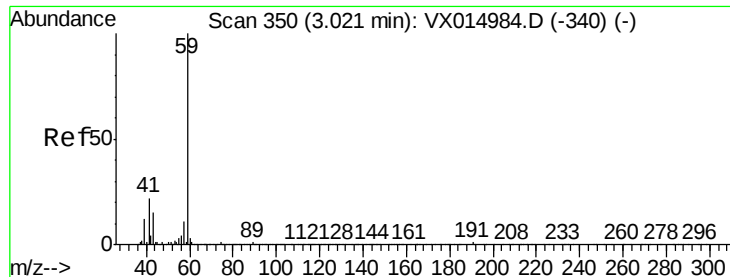
Tgt Ion:	63	Resp:	161772
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.5
100	4.5	2.5	7.5



#22
cis-1,2-Dichloroethene
Concen: 18.89 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion:	96	Resp:	104736
Ion	Ratio	Lower	Upper
96	100		
61	139.3	110.6	165.8
98	63.7	50.4	75.6





#23

tert-Butyl Alcohol

Concen: 98.41 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

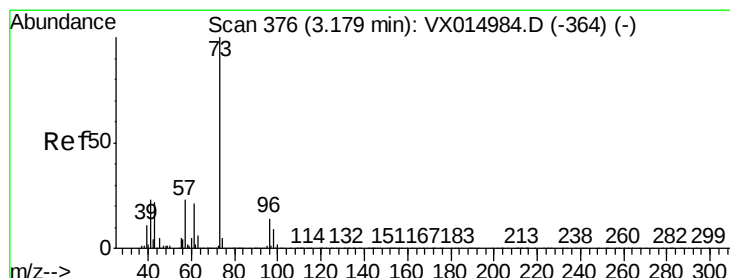
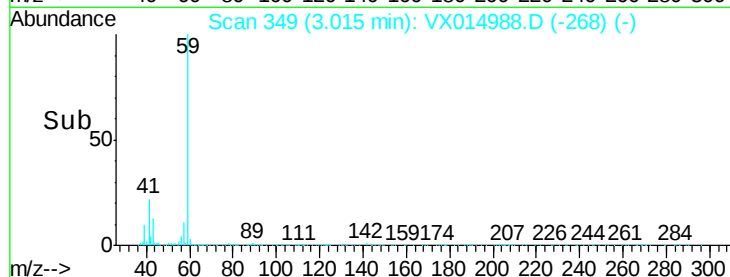
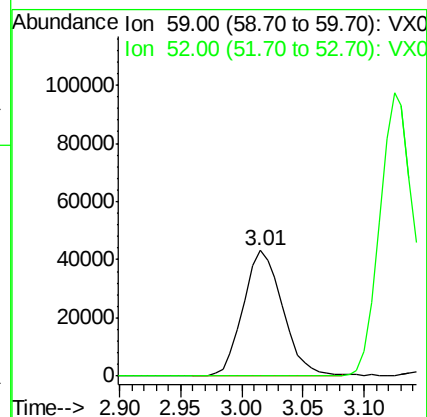
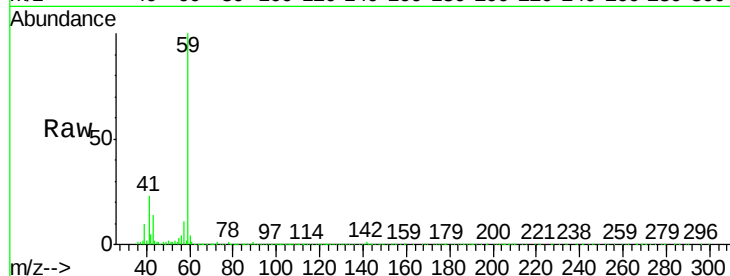
ICVVX022120

Tgt Ion: 59 Resp: 96694

Ion Ratio Lower Upper

59 100

52 0.2 0.4 0.6#



#24

Methyl tert-Butyl Ether

Concen: 19.18 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX014988.D

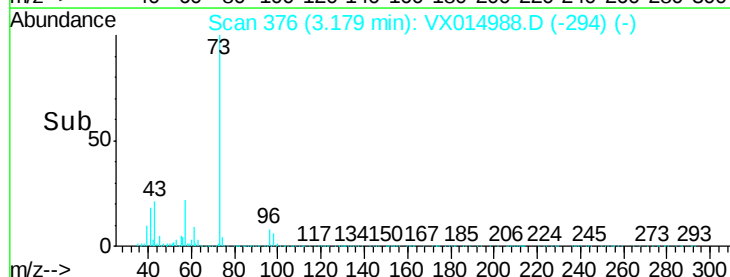
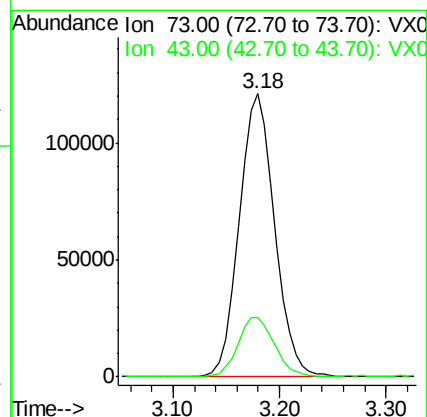
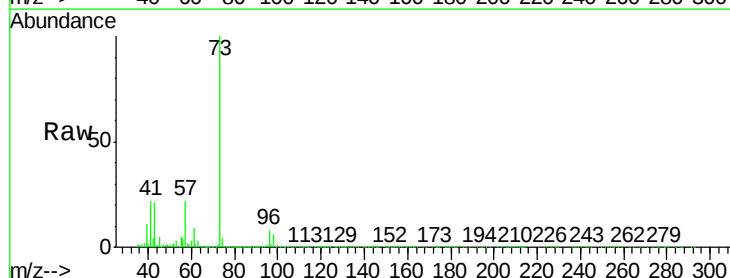
Acq: 21 Feb 2020 11:30

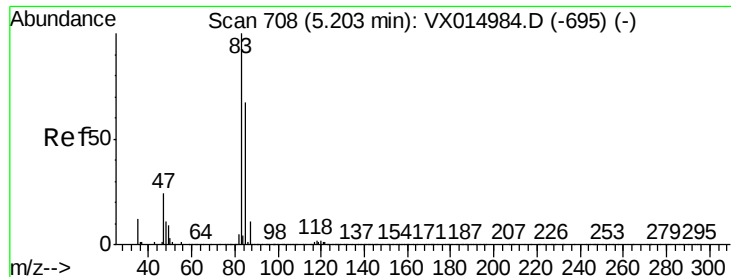
Tgt Ion: 73 Resp: 281483

Ion Ratio Lower Upper

73 100

43 21.4 17.7 26.5





#25

Chloroform

Concen: 18.73 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

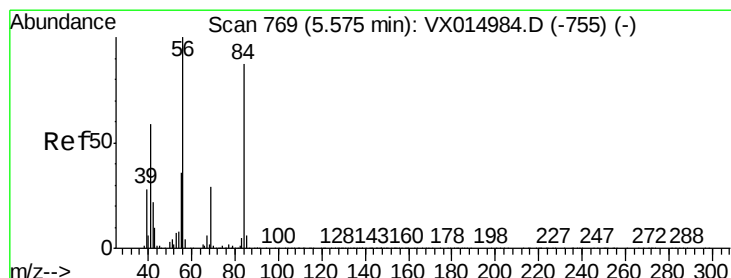
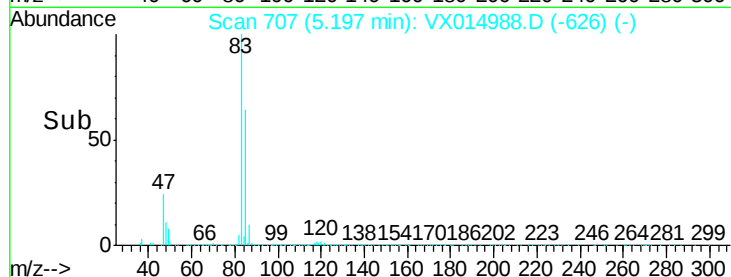
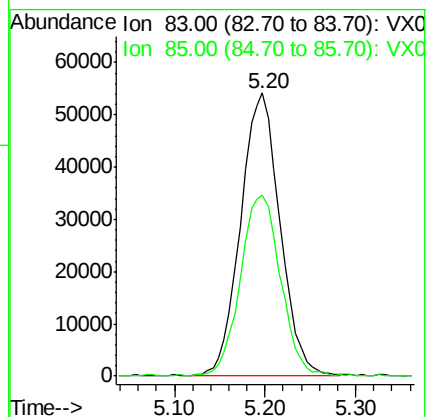
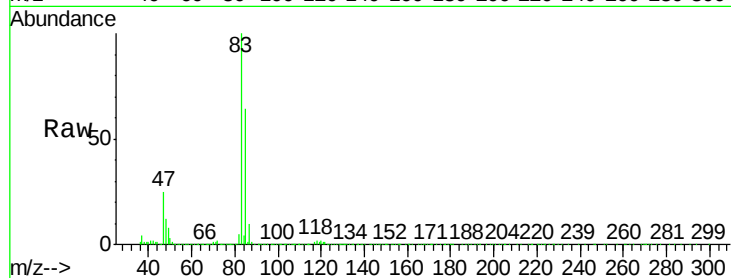
ICVVX022120

Tgt Ion: 83 Resp: 162215

Ion Ratio Lower Upper

83 100

85 63.6 53.4 80.0



#26

Cyclohexane

Concen: 18.74 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

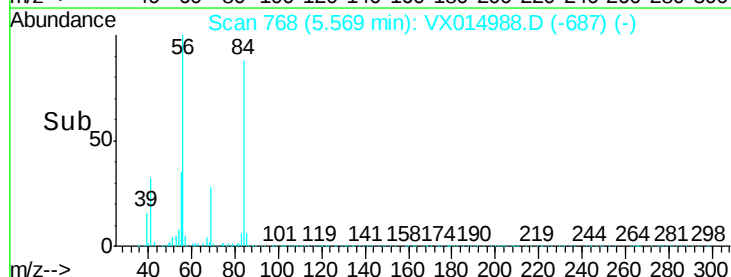
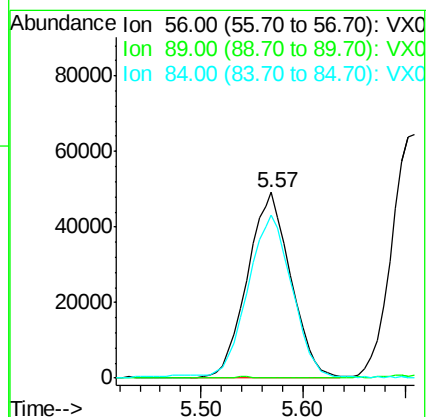
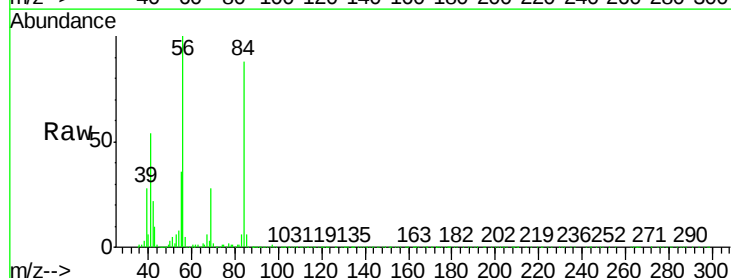
Tgt Ion: 56 Resp: 143861

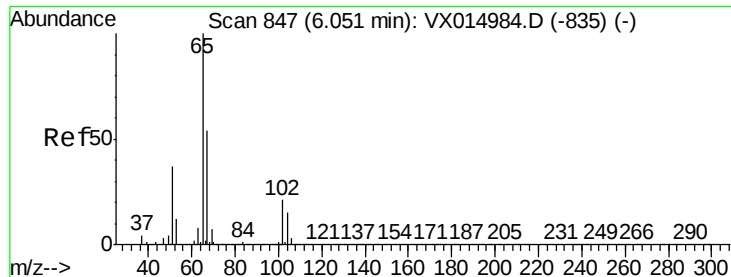
Ion Ratio Lower Upper

56 100

89 0.1 0.2 0.2#

84 89.8 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.10 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

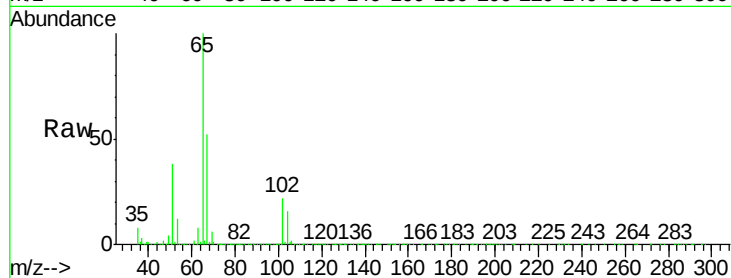
ICVVX022120

Tgt Ion: 65 Resp: 169795

Ion Ratio Lower Upper

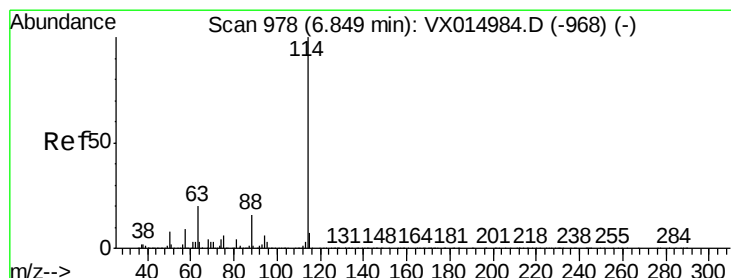
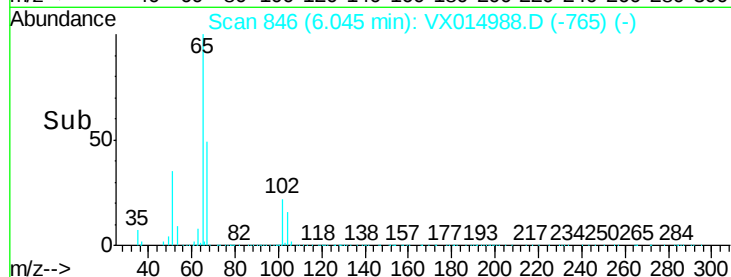
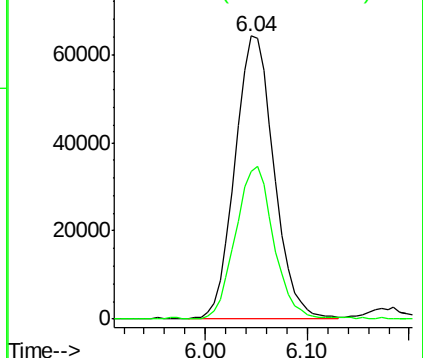
65 100

67 52.9 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

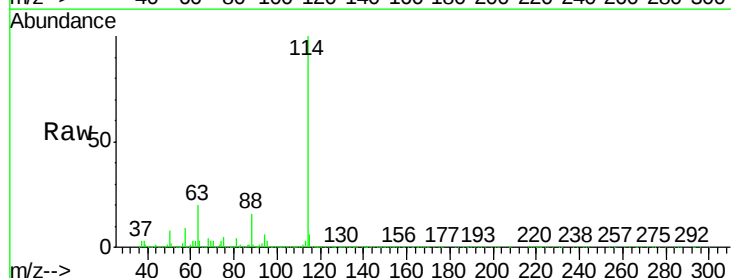
Tgt Ion: 114 Resp: 453410

Ion Ratio Lower Upper

114 100

63 19.9 15.6 23.4

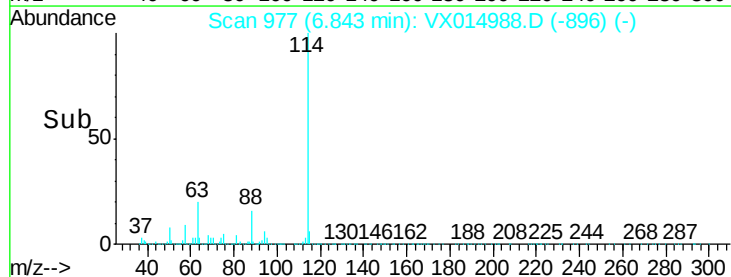
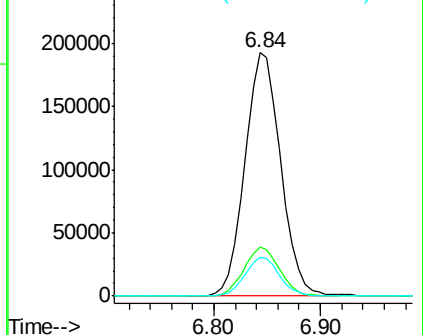
88 15.3 12.2 18.2

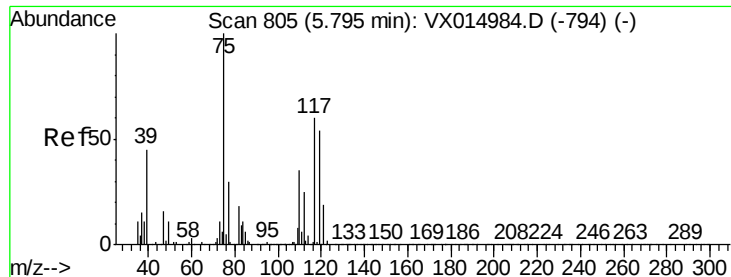


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

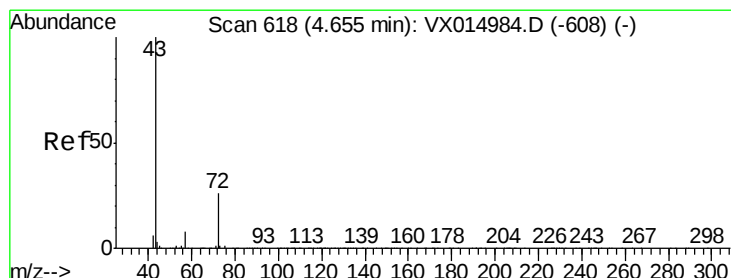
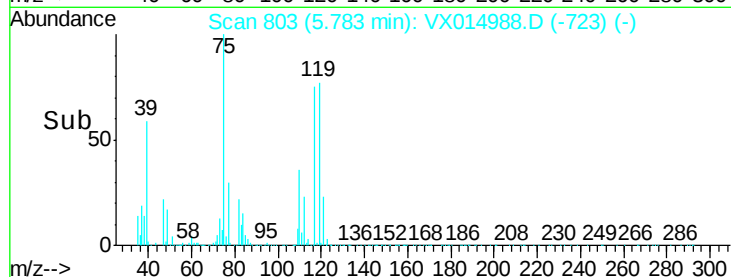
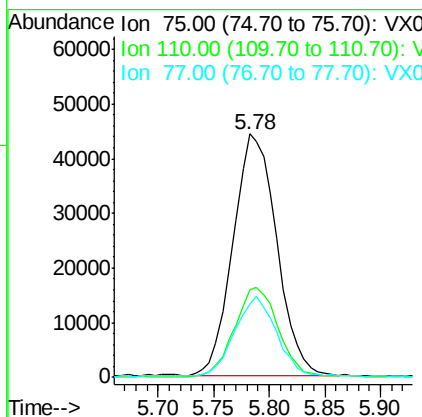
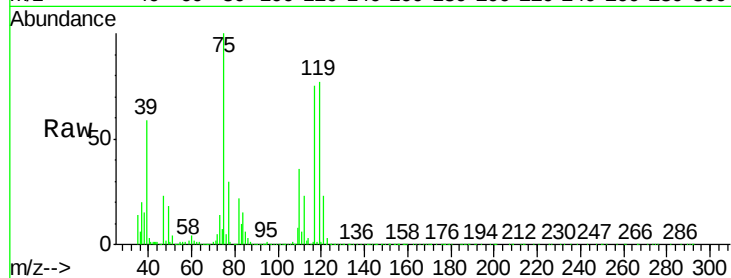




#29
 1,1-Dichloropropene
 Concen: 18.84 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

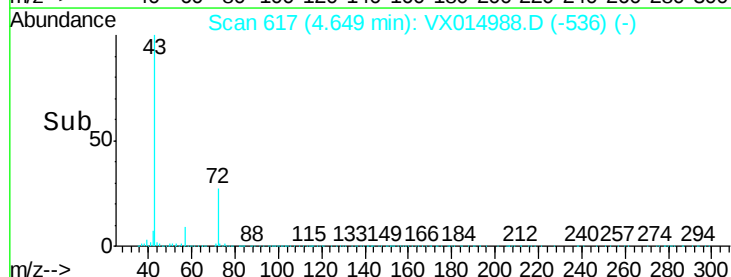
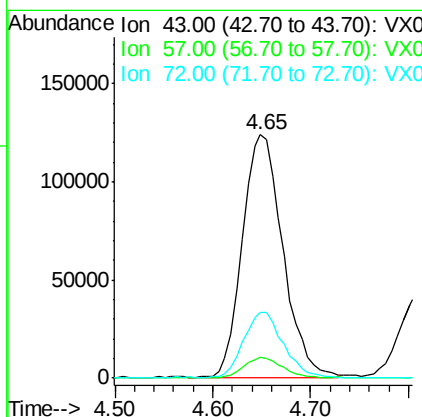
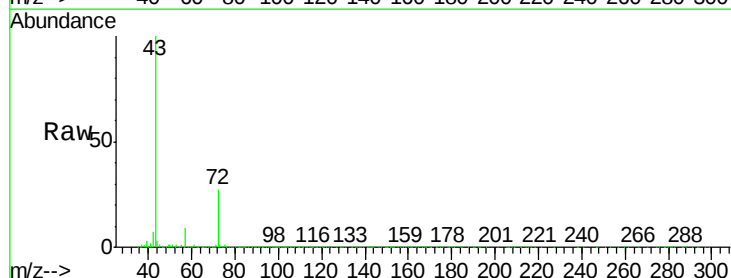
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

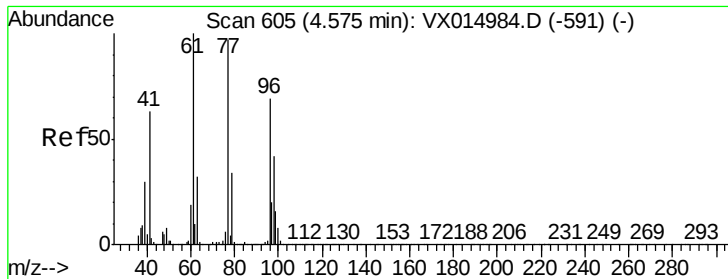
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	75.0
77	31.5	0.0	64.0



#30
 2-Butanone
 Concen: 96.13 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.5	9.7
72	26.0	20.3	30.5

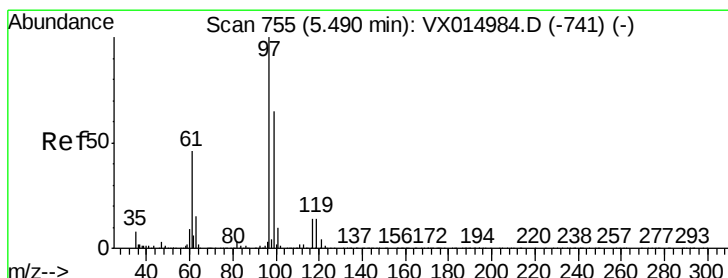
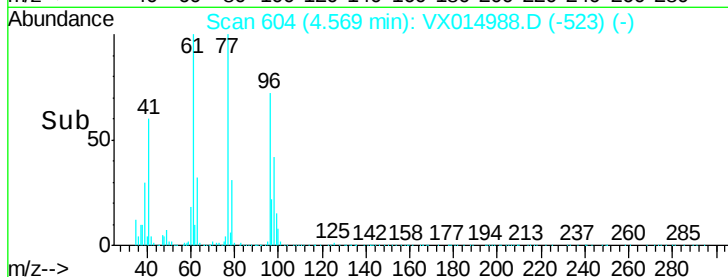
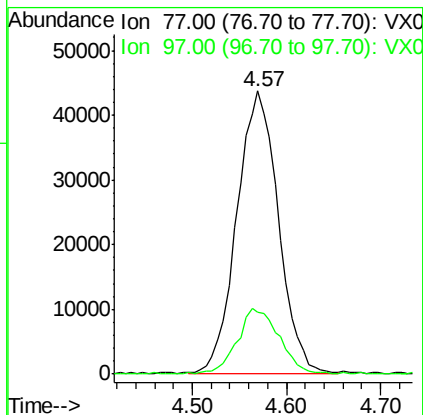
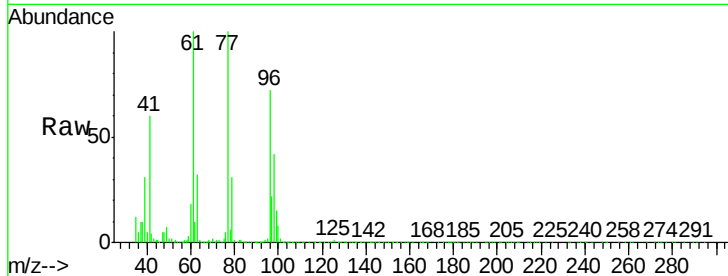




#31
 2,2-Dichloropropane
 Concen: 19.01 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

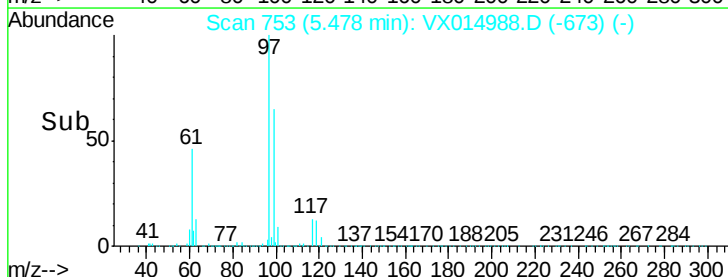
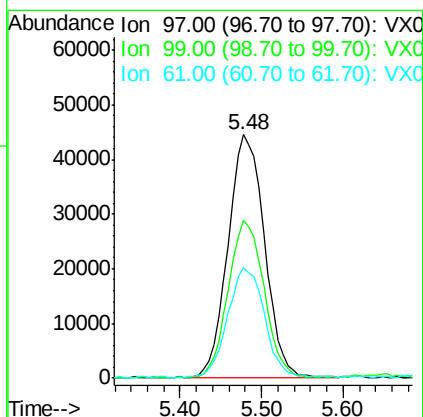
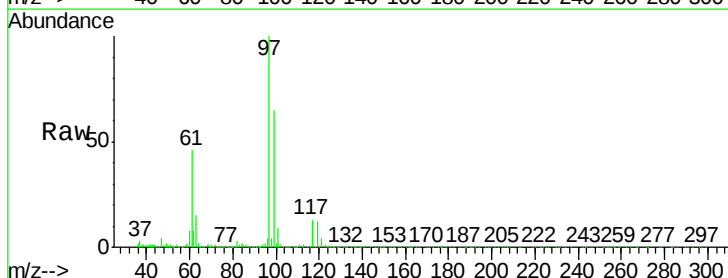
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

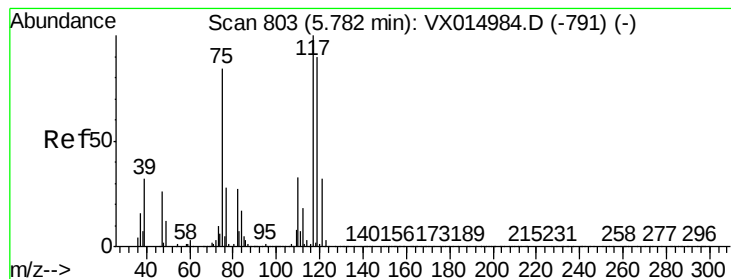
Tgt Ion: 77 Resp: 133838
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.4 27.6



#32
 1,1,1-Trichloroethane
 Concen: 18.98 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion: 97 Resp: 138259
 Ion Ratio Lower Upper
 97 100
 99 63.3 53.0 79.6
 61 45.2 36.2 54.2





#33

Carbon Tetrachloride

Concen: 18.92 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX022120

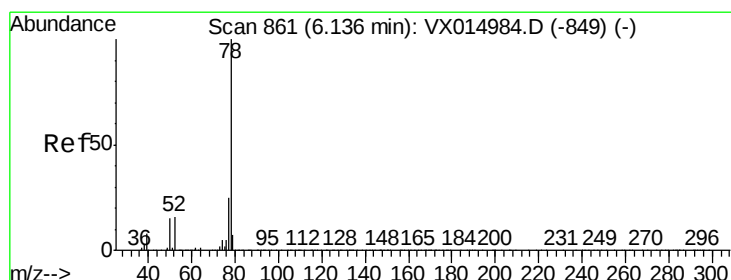
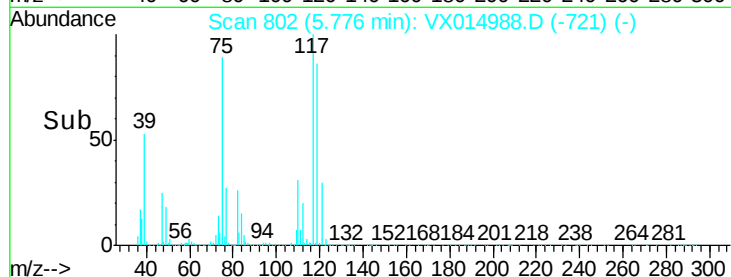
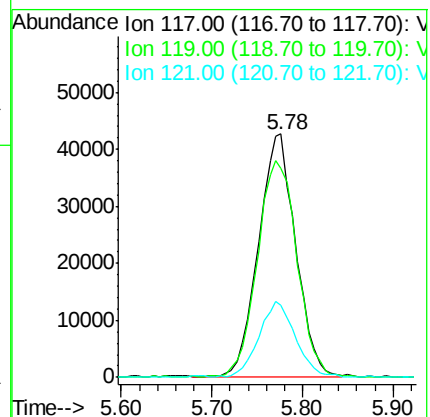
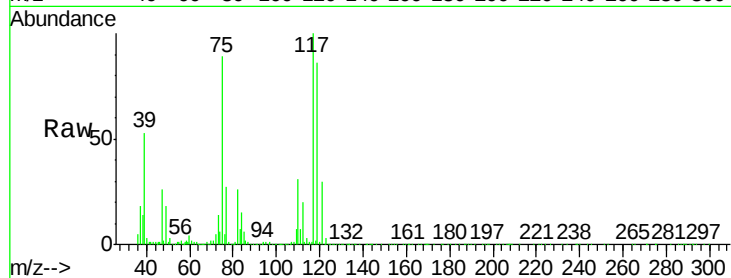
Tgt Ion: 117 Resp: 120645

Ion Ratio Lower Upper

117 100

119 85.4 71.9 107.9

121 29.4 25.4 38.2



#34

Benzene

Concen: 18.99 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

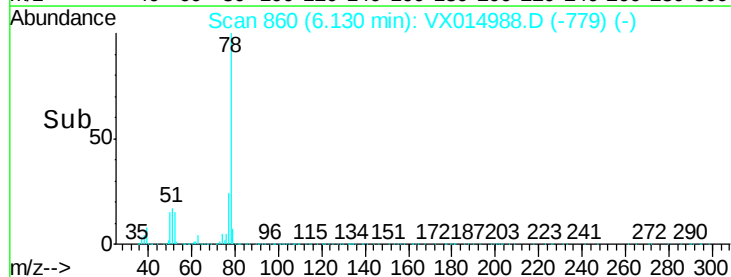
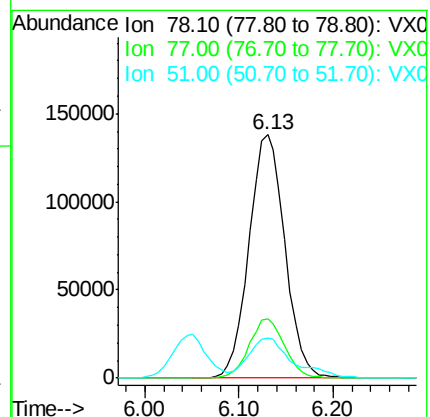
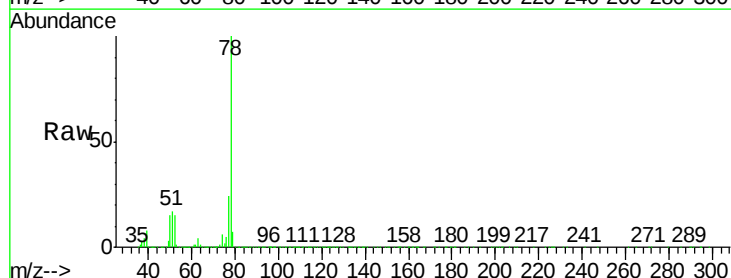
Tgt Ion: 78 Resp: 367556

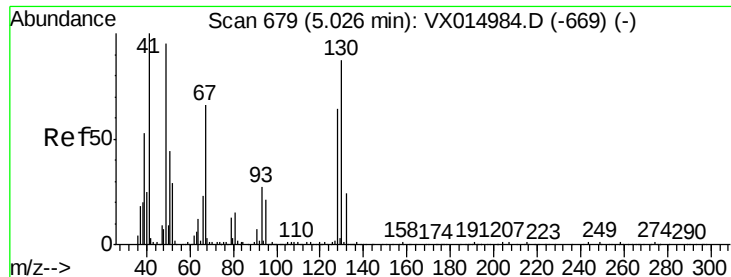
Ion Ratio Lower Upper

78 100

77 24.1 20.0 30.0

51 15.9 13.3 19.9

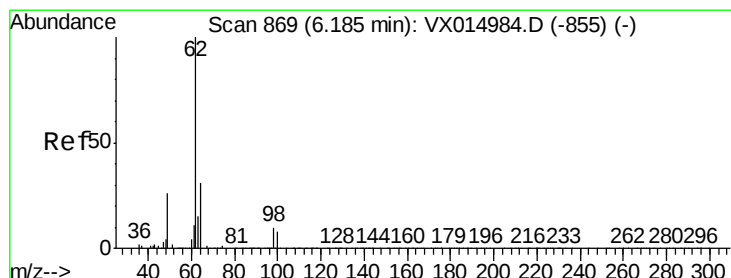
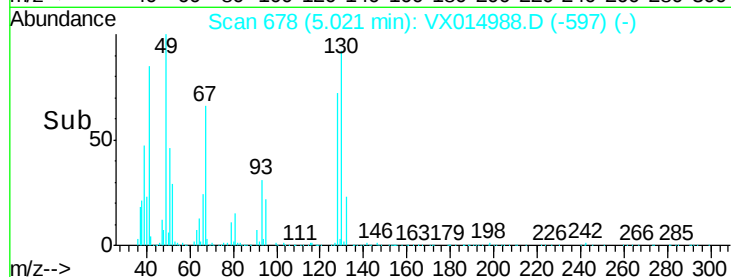
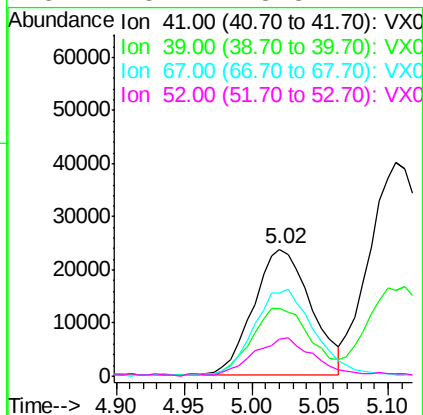
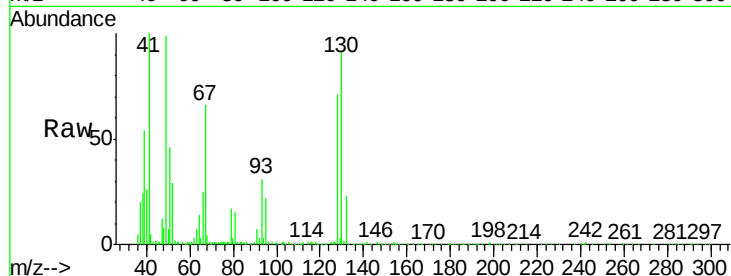




#35
Methacrylonitrile
Concen: 18.57 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

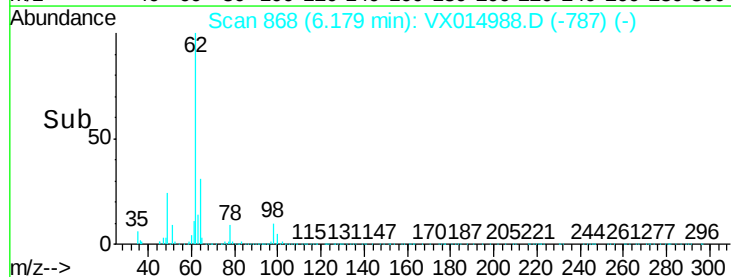
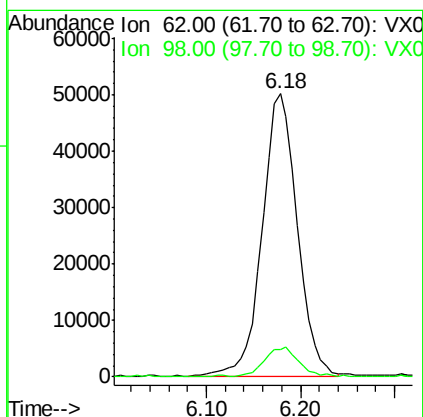
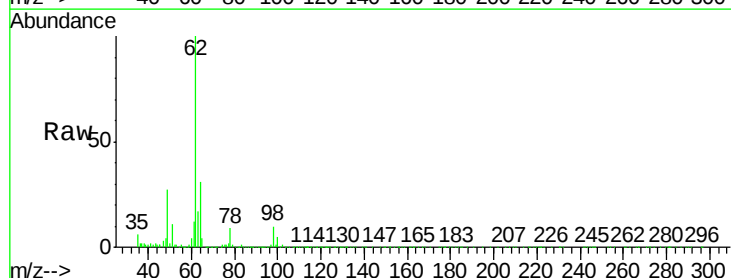
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

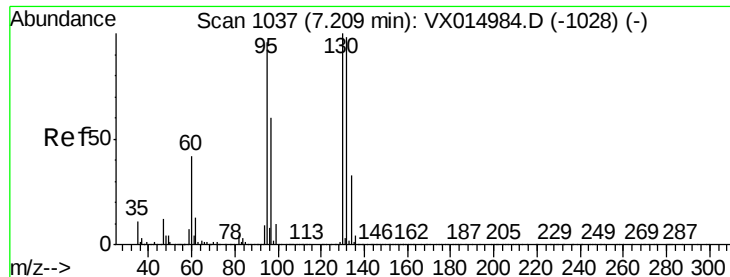
Tgt Ion:	41	Resp:	70140
Ion	Ratio	Lower	Upper
41	100		
39	53.2	25.9	77.7
67	65.8	32.7	98.1
52	28.2	13.8	41.4



#36
1,2-Dichloroethane
Concen: 19.18 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion:	62	Resp:	131382
Ion	Ratio	Lower	Upper
62	100		
98	10.0	7.5	11.3





#37

Trichloroethene

Concen: 19.21 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

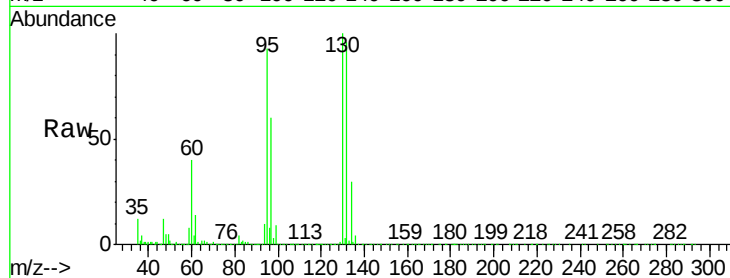
ICVVX022120

Tgt Ion: 130 Resp: 104396

Ion Ratio Lower Upper

130 100

95 92.8 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

50000

40000

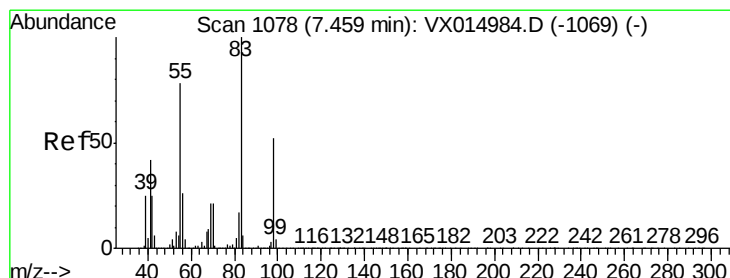
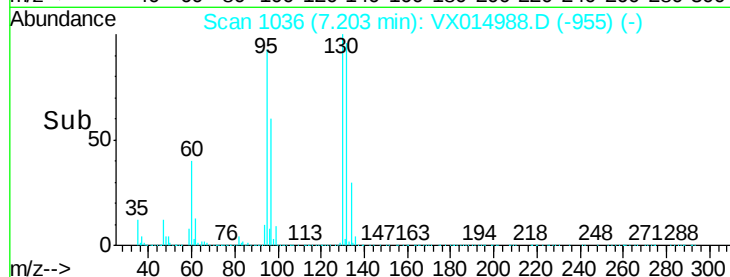
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.23 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

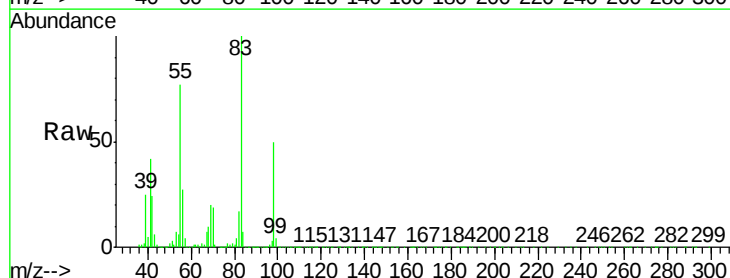
Tgt Ion: 83 Resp: 152828

Ion Ratio Lower Upper

83 100

55 75.2 38.2 114.6

98 50.1 25.3 75.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.45

100000

80000

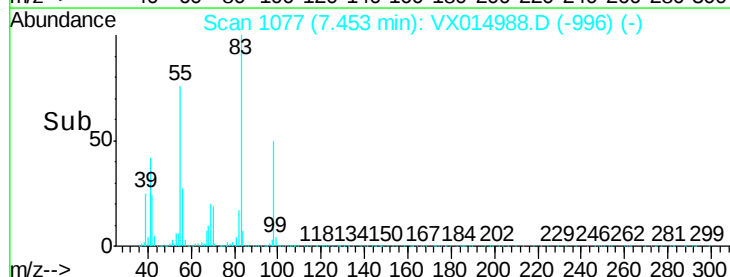
60000

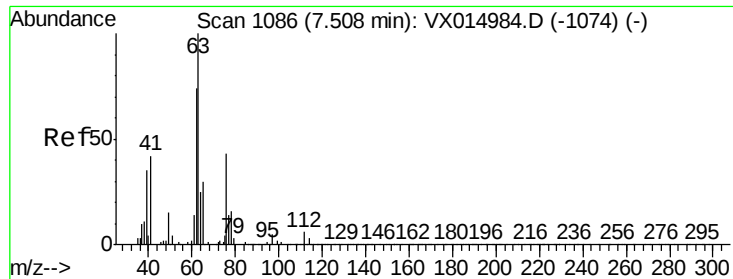
40000

20000

0

Time--> 7.35 7.40 7.45 7.50





#39

1,2-Dichloropropane

Concen: 18.74 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

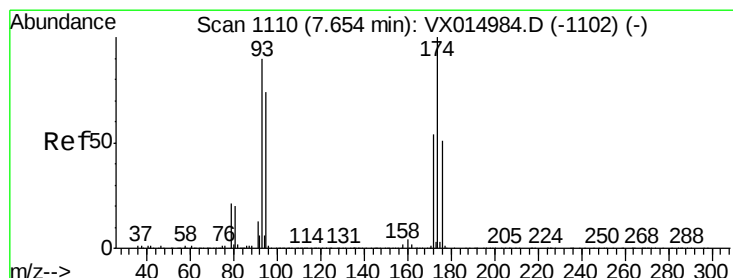
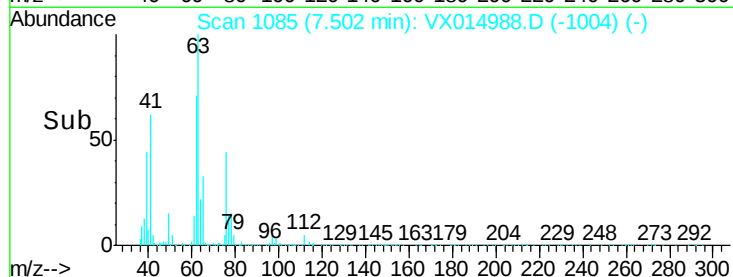
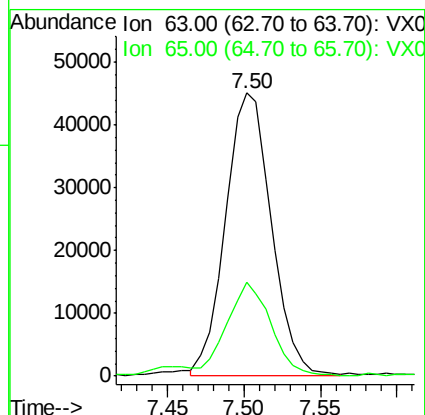
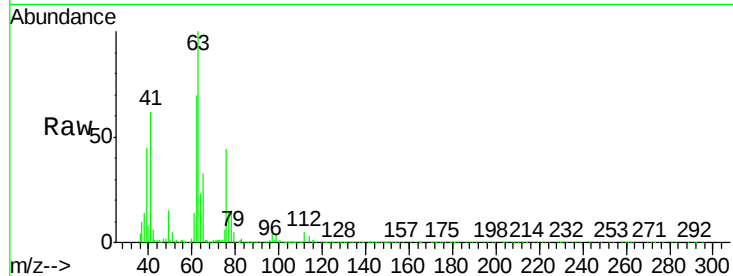
ICVVX022120

Tgt Ion: 63 Resp: 93348

Ion Ratio Lower Upper

63 100

65 33.2 24.6 36.8



#40

Dibromomethane

Concen: 18.57 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

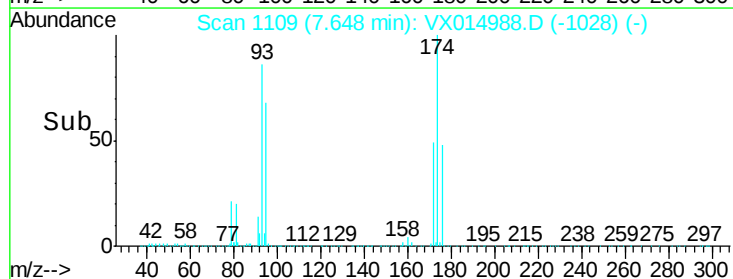
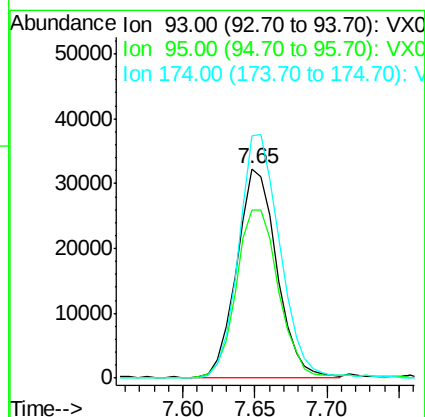
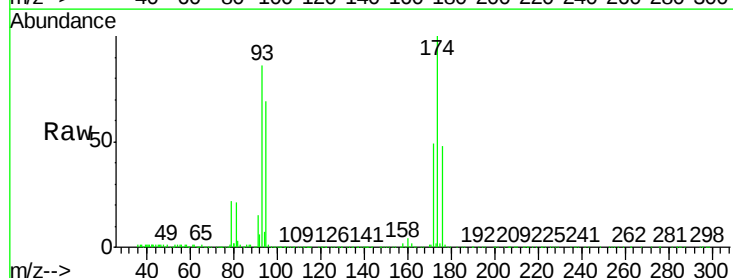
Tgt Ion: 93 Resp: 61780

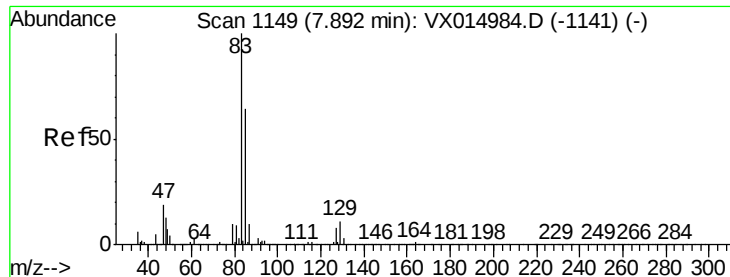
Ion Ratio Lower Upper

93 100

95 85.4 0.0 164.6

174 119.4 0.0 226.4





#41

Bromodichloromethane

Concen: 18.70 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

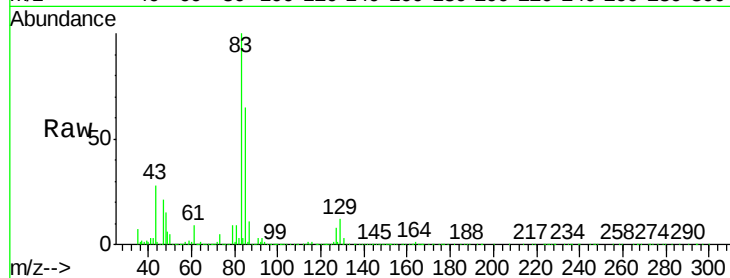
Tgt Ion: 83 Resp: 122836

Ion Ratio Lower Upper

83 100

85 65.1 51.0 76.4

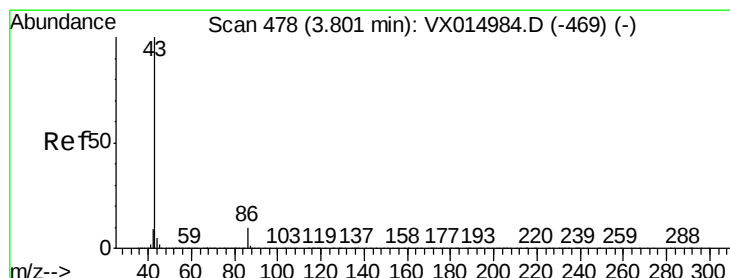
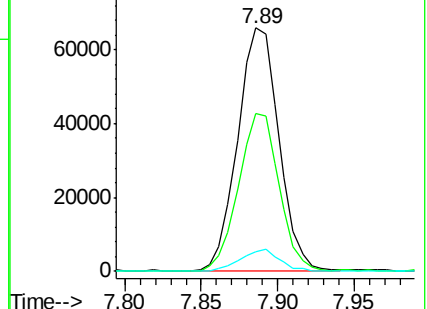
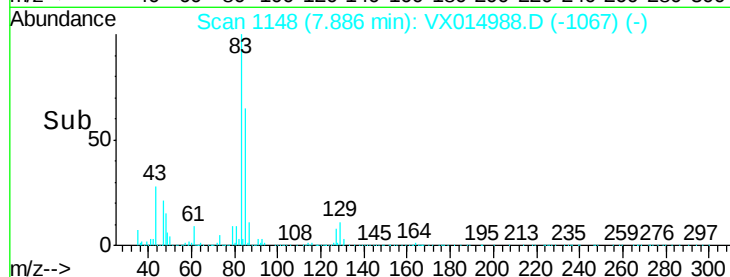
127 8.0 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.08 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014988.D

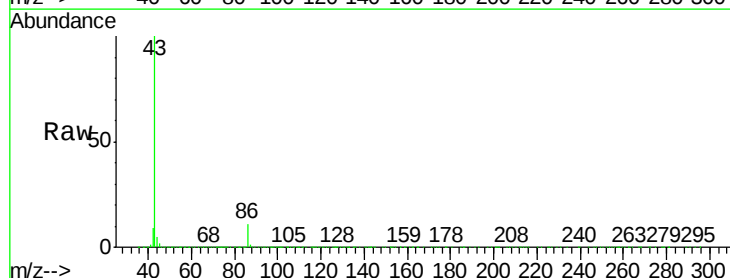
Acq: 21 Feb 2020 11:30

Tgt Ion: 43 Resp: 1264843

Ion Ratio Lower Upper

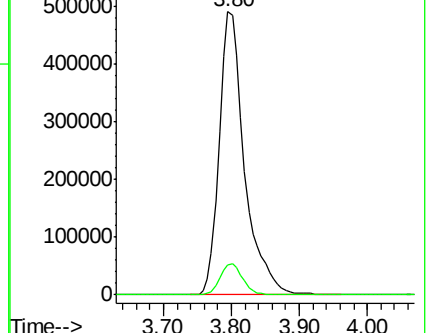
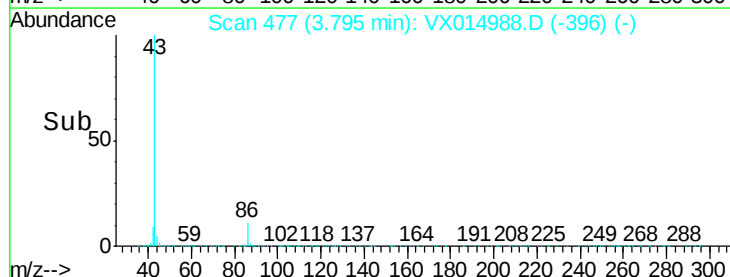
43 100

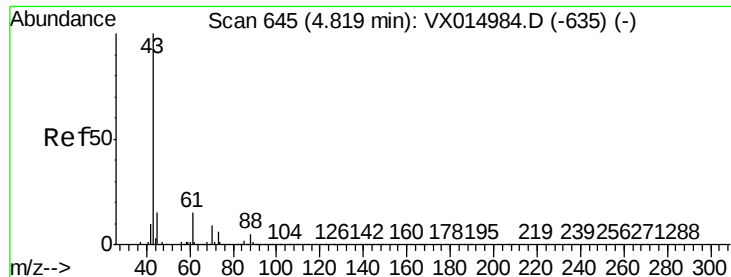
86 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.66 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

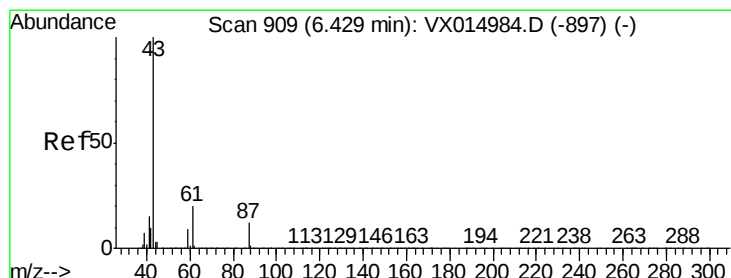
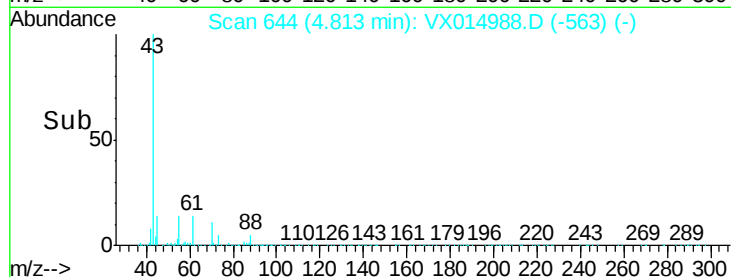
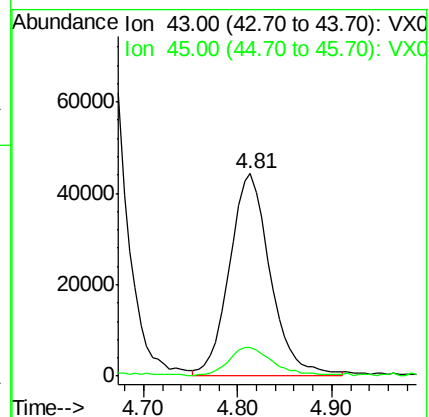
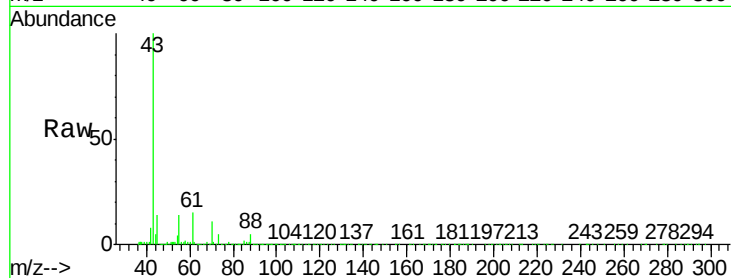
ICVX022120

Tgt Ion: 43 Resp: 131670

Ion Ratio Lower Upper

43 100

45 14.5 10.8 16.2



#44

Isopropyl Acetate

Concen: 19.19 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX014988.D

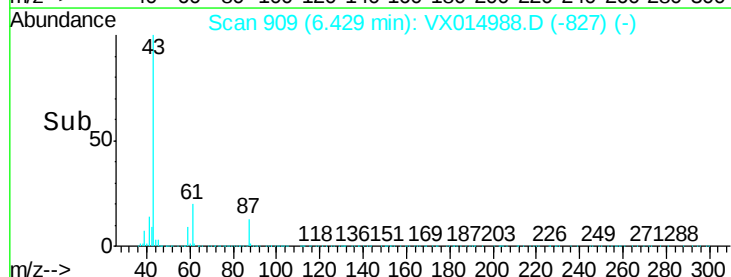
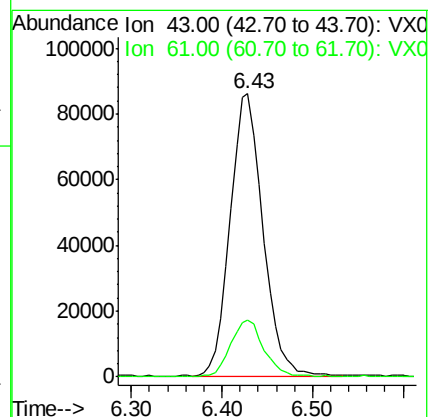
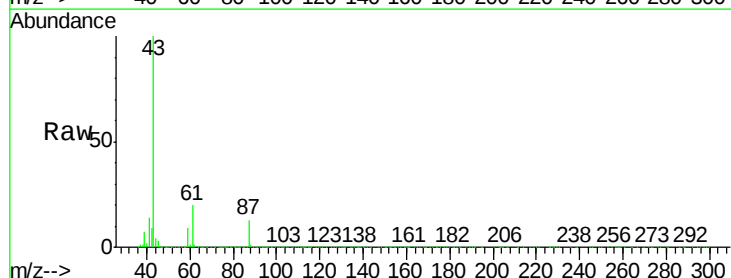
Acq: 21 Feb 2020 11:30

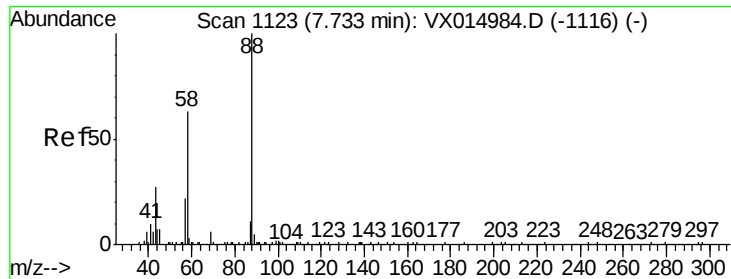
Tgt Ion: 43 Resp: 216108

Ion Ratio Lower Upper

43 100

61 20.4 15.6 23.4





#45

1,4-Dioxane

Concen: 387.77 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

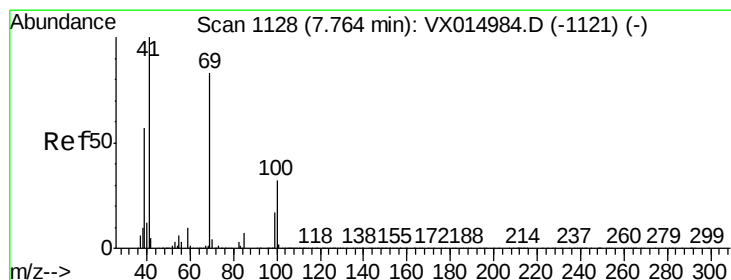
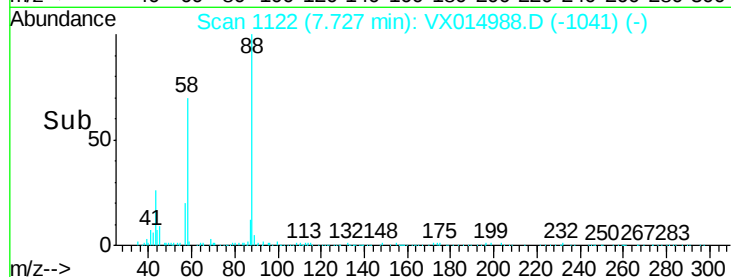
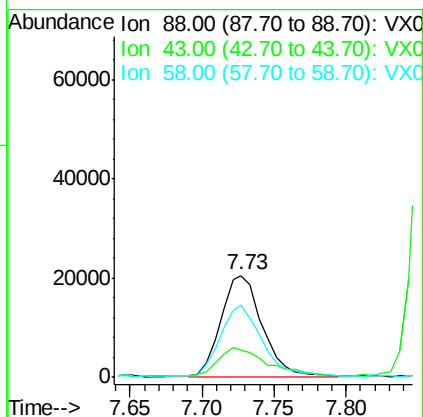
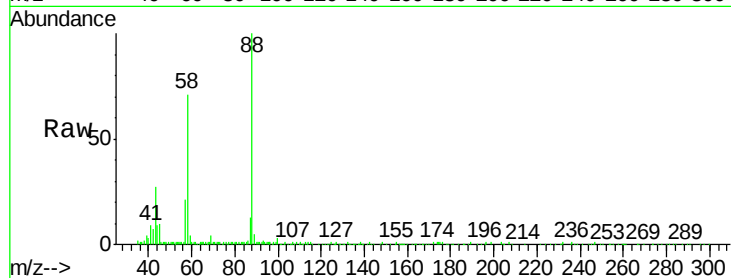
Tgt Ion: 88 Resp: 40344

Ion Ratio Lower Upper

88 100

43 33.8 25.4 38.2

58 71.2 55.8 83.8



#46

Methyl methacrylate

Concen: 18.73 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

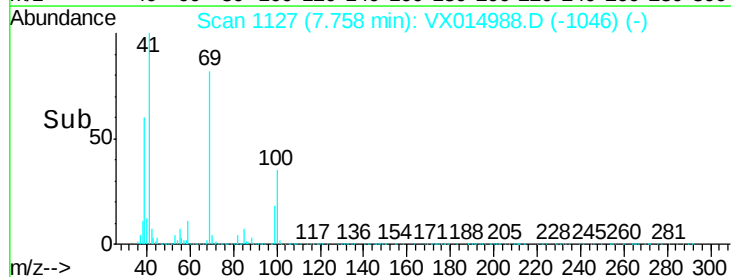
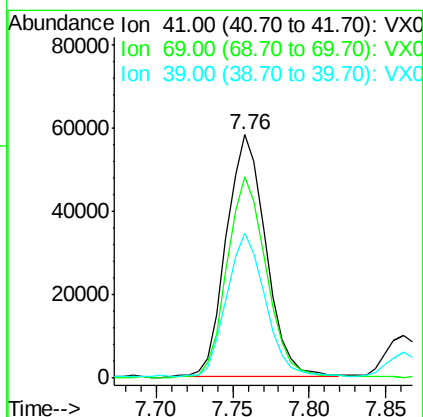
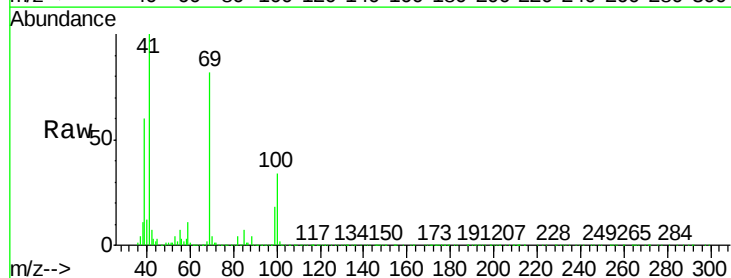
Tgt Ion: 41 Resp: 104317

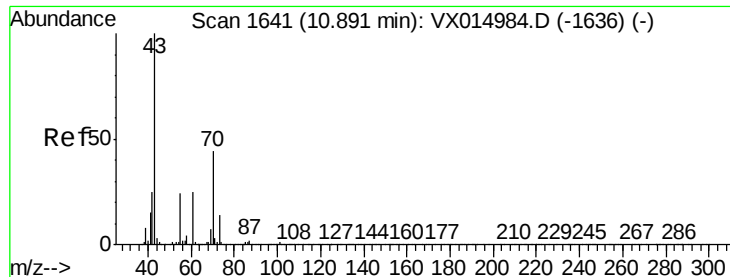
Ion Ratio Lower Upper

41 100

69 82.7 41.4 124.2

39 59.1 28.3 84.9





#47

n-amy1 Acetate

Concen: 18.78 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

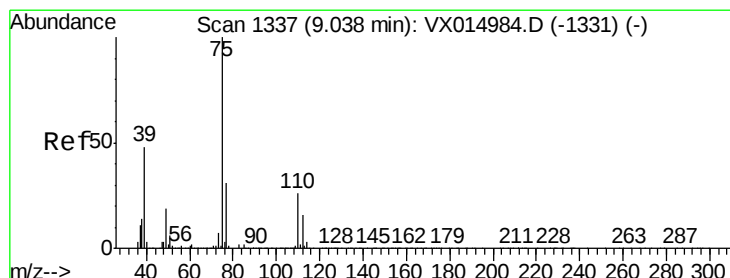
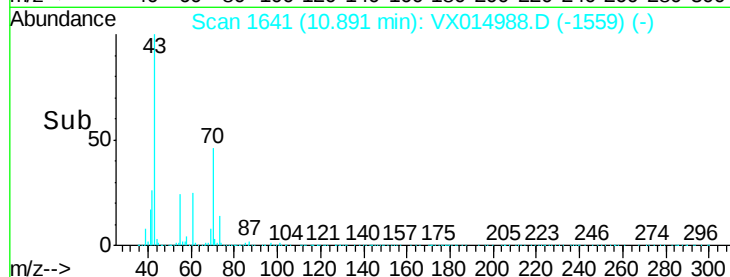
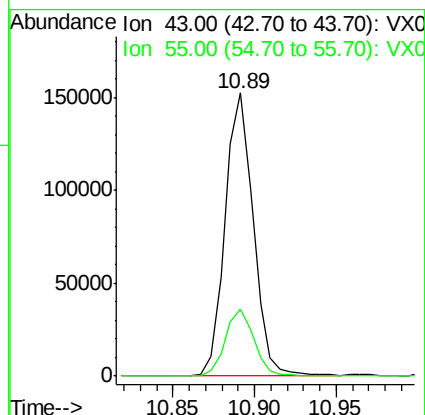
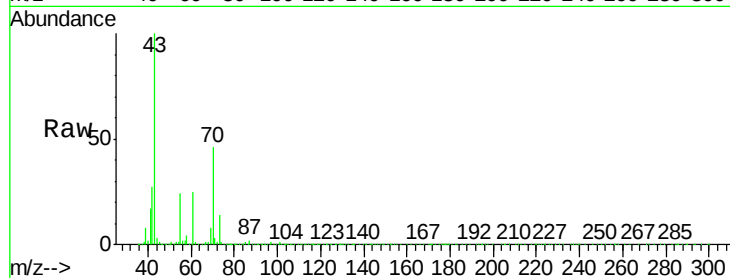
ICVVX022120

Tgt Ion: 43 Resp: 183199

Ion Ratio Lower Upper

43 100

55 23.5 19.2 28.8



#48

t-1,3-Dichloropropene

Concen: 18.96 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014988.D

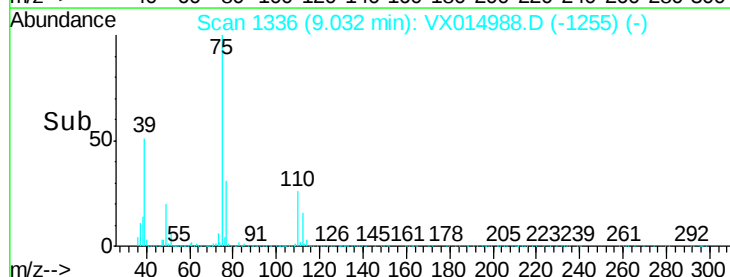
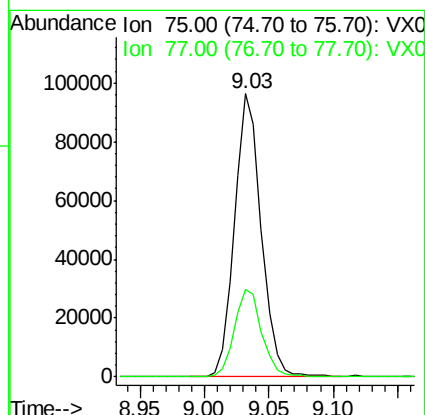
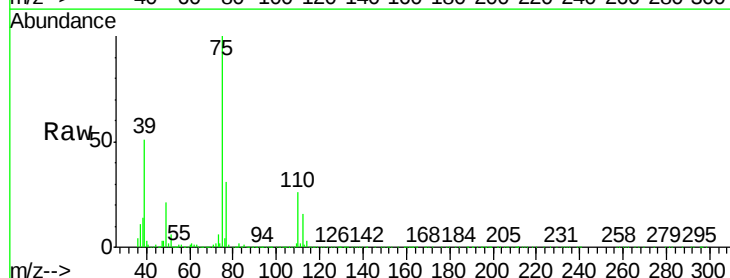
Acq: 21 Feb 2020 11:30

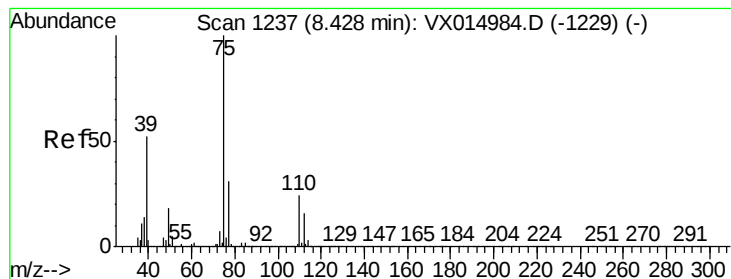
Tgt Ion: 75 Resp: 138211

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 18.91 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

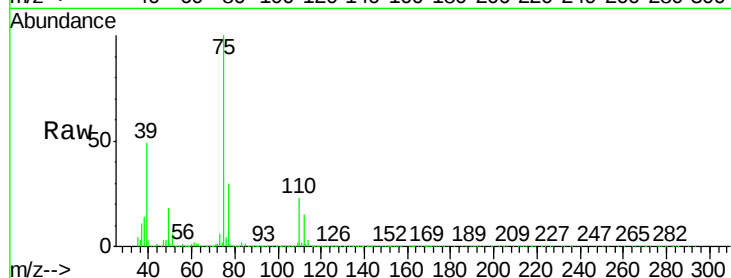
Tgt Ion: 75 Resp: 151773

Ion Ratio Lower Upper

75 100

77 29.4 24.6 36.8

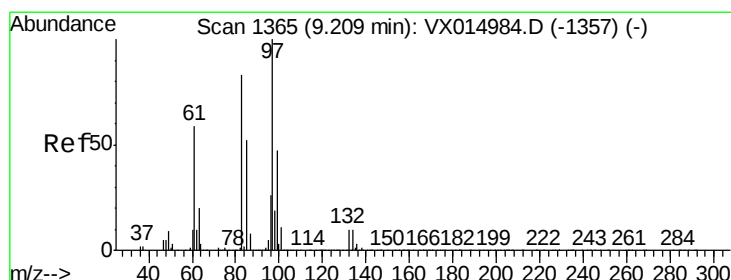
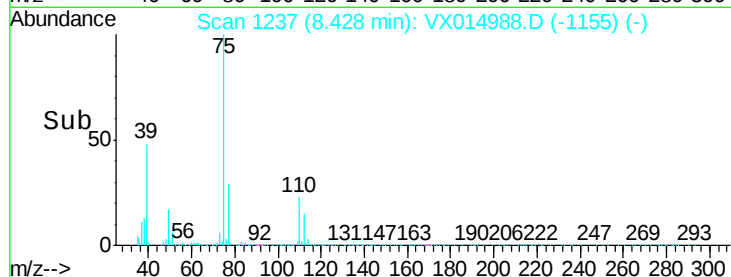
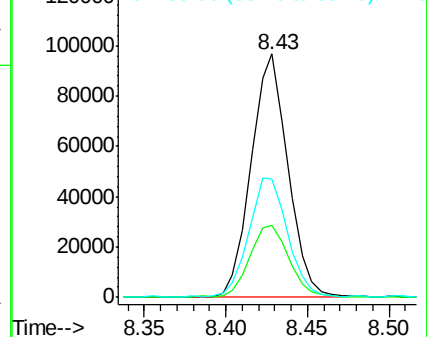
39 48.2 41.5 62.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 18.98 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Tgt Ion: 97 Resp: 94069

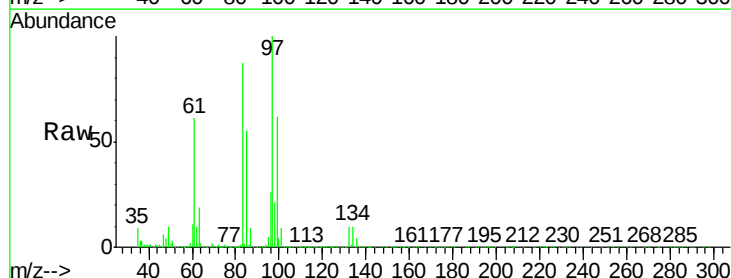
Ion Ratio Lower Upper

97 100

83 86.8 66.2 99.2

85 54.4 42.4 63.6

99 61.4 47.7 71.5

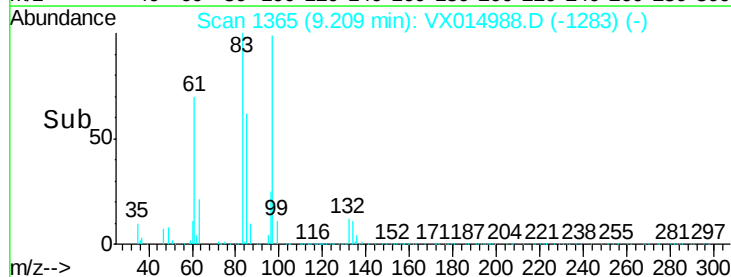
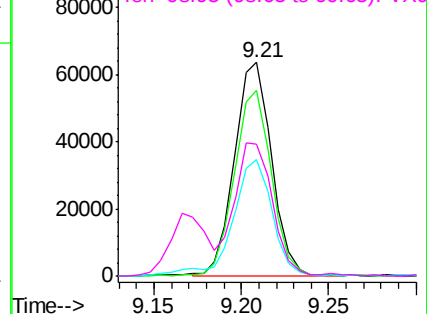


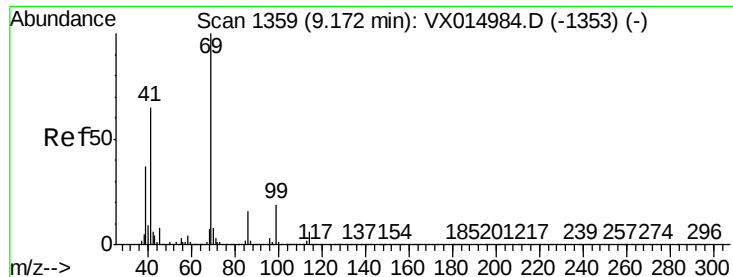
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 19.10 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

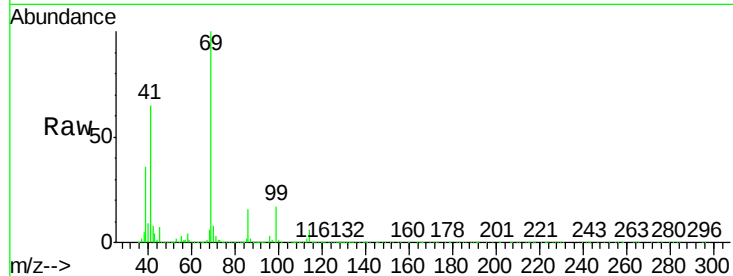
Tgt Ion: 69 Resp: 146094

Ion Ratio Lower Upper

69 100

41 64.6 32.7 98.1

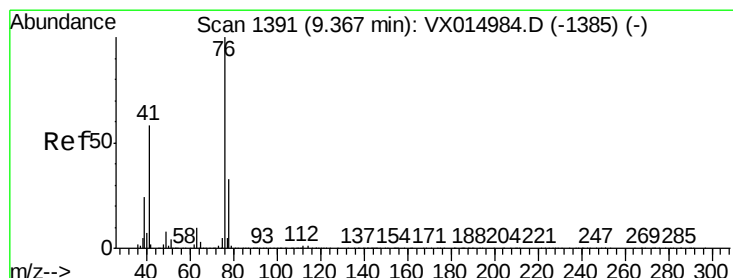
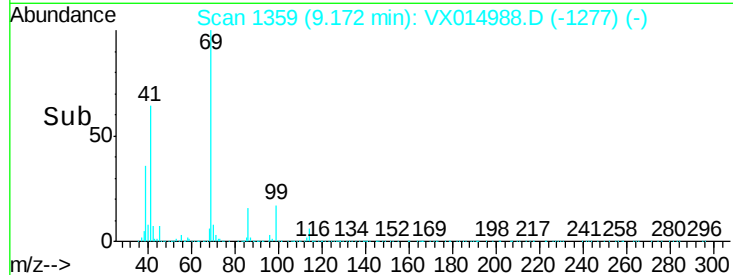
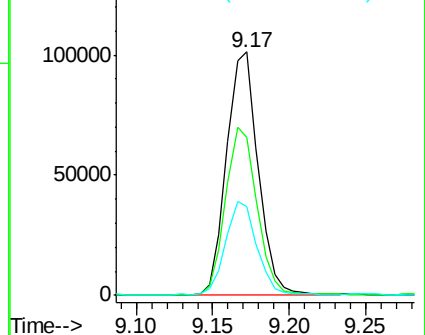
39 36.1 18.2 54.6



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



#52

1,3-Dichloropropane

Concen: 18.97 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014988.D

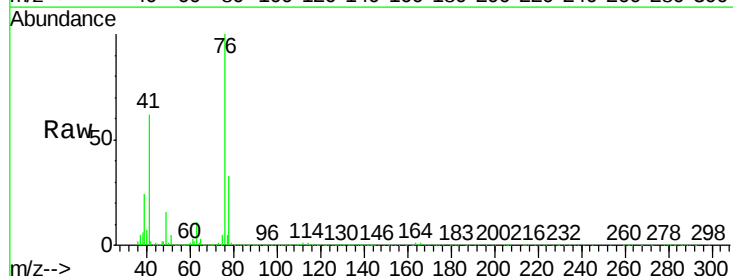
Acq: 21 Feb 2020 11:30

Tgt Ion: 76 Resp: 159053

Ion Ratio Lower Upper

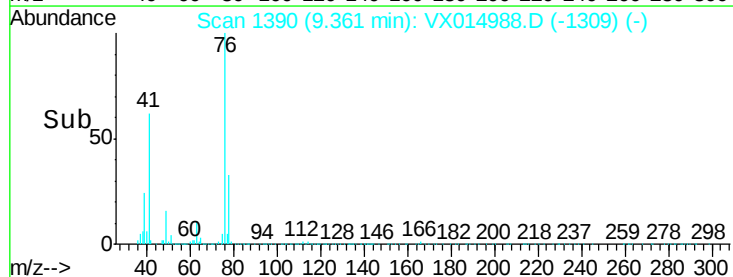
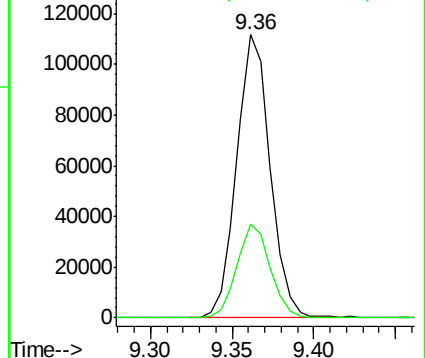
76 100

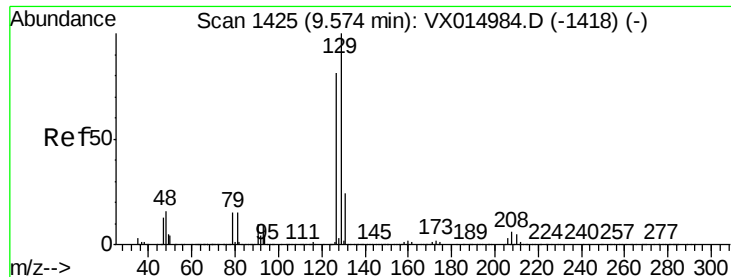
78 32.8 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.01 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

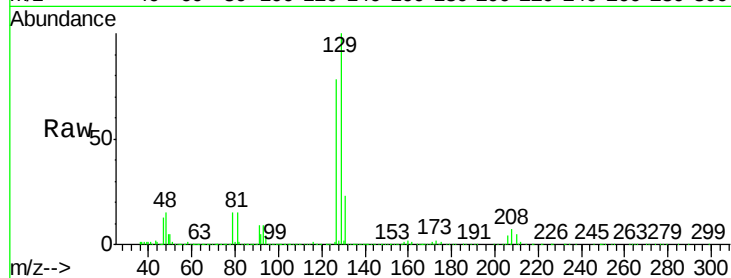
ICVVX022120

Tgt Ion:129 Resp: 101828

Ion Ratio Lower Upper

129 100

127 76.4 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

80000

60000

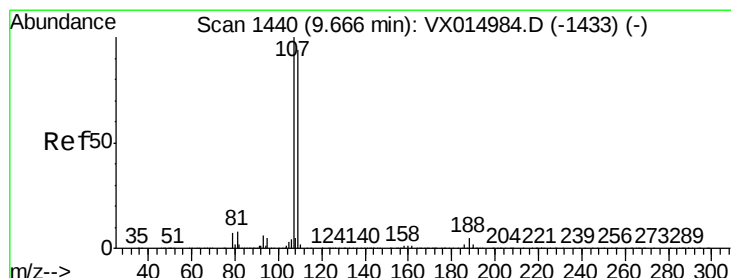
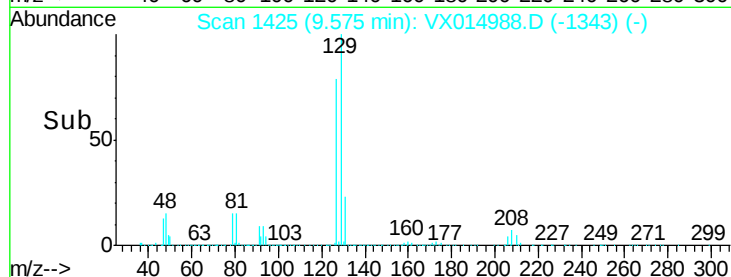
40000

20000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 19.25 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014988.D

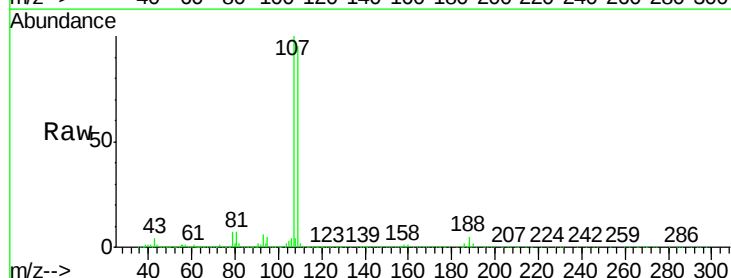
Acq: 21 Feb 2020 11:30

Tgt Ion:107 Resp: 101256

Ion Ratio Lower Upper

107 100

109 92.6 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

80000

60000

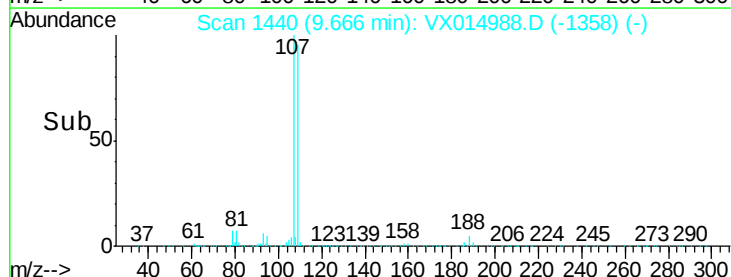
40000

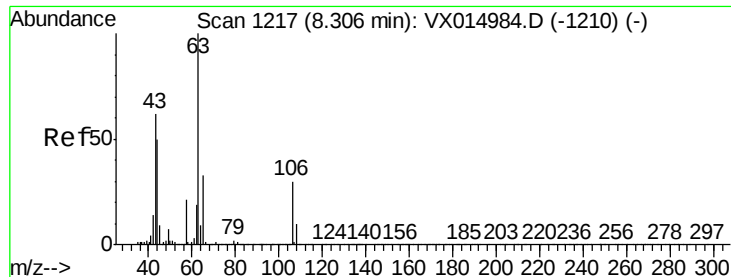
20000

0

9.60 9.65 9.70 9.75

Time-->

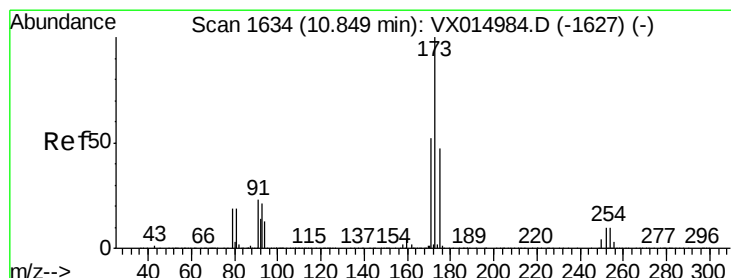
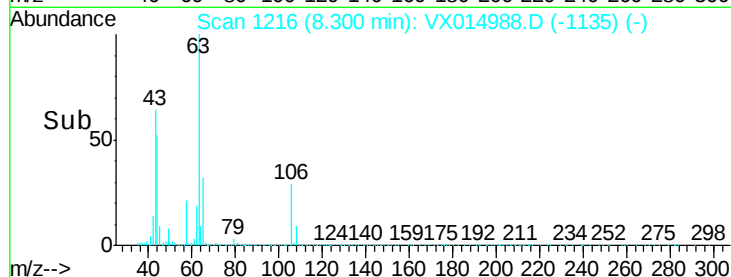
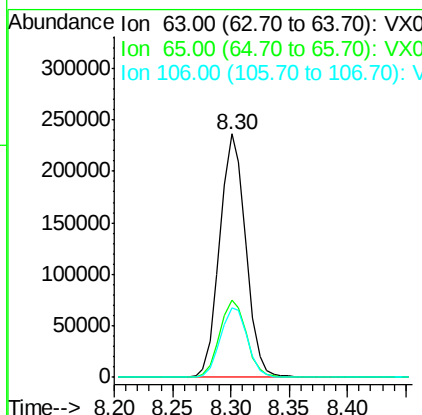
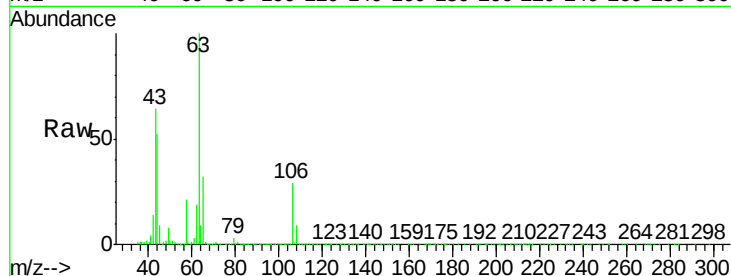




#55
 2-Chloroethyl vinyl ether
 Concen: 89.29 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

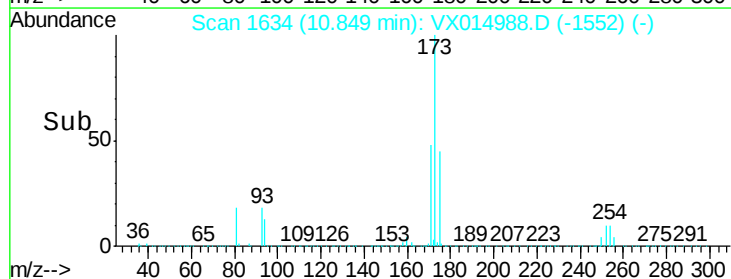
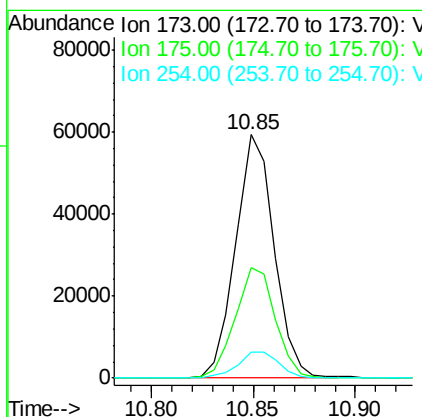
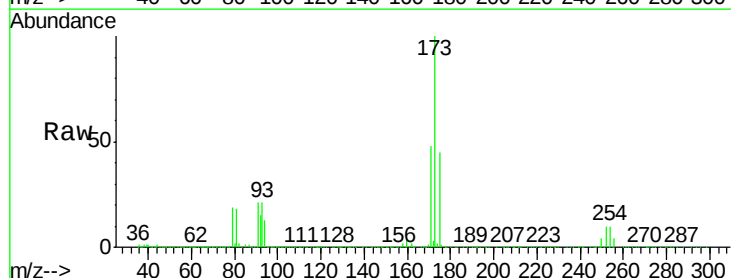
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

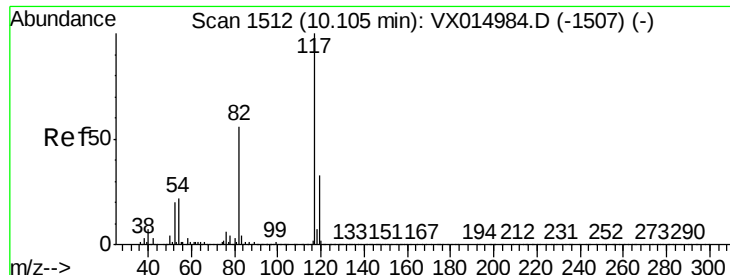
Tgt Ion: 63 Resp: 363770
 Ion Ratio Lower Upper
 63 100
 65 32.3 26.0 39.0
 106 29.8 23.9 35.9



#56
 Bromoform
 Concen: 18.38 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion: 173 Resp: 77211
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.6 57.8
 254 11.7 8.6 13.0

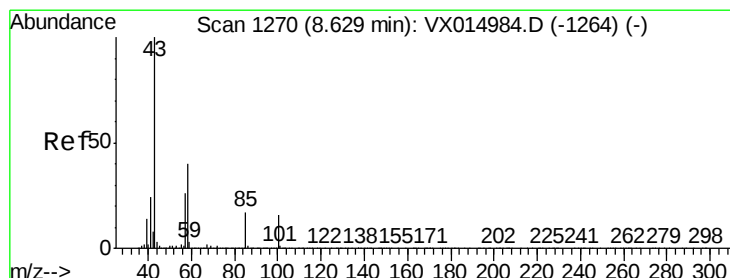
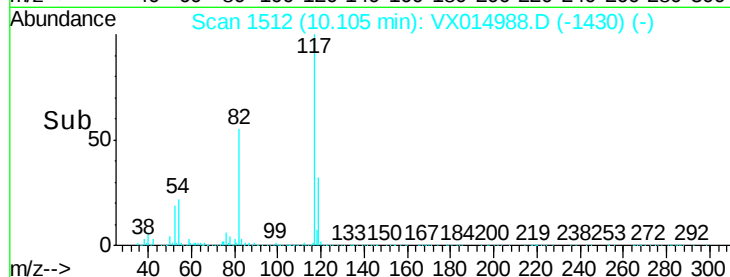
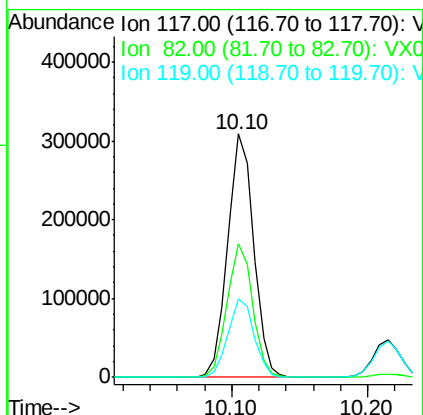
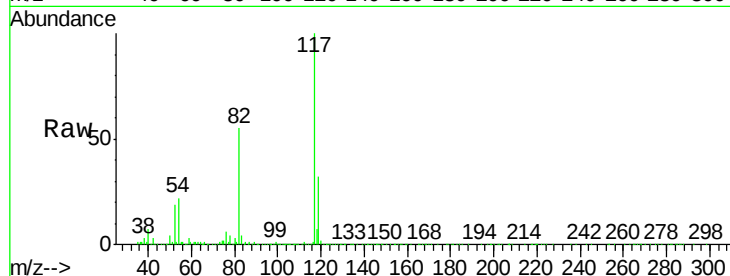




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

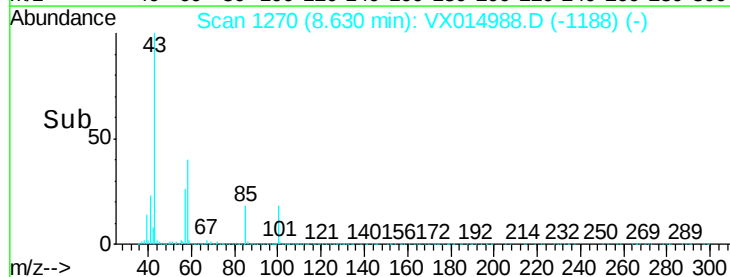
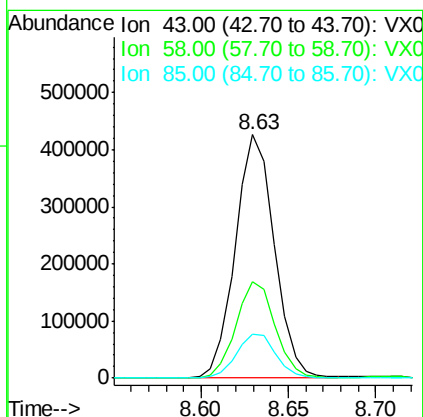
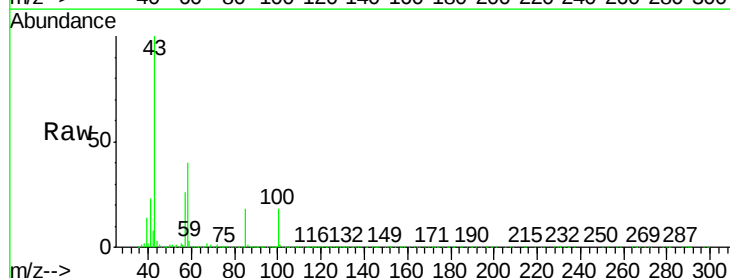
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

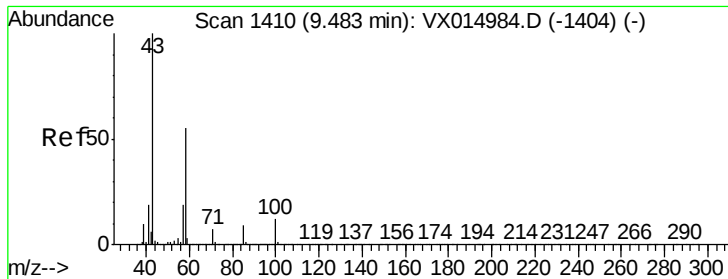
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.2
119	32.4	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 98.04 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.7	47.5
85	18.3	14.4	21.6

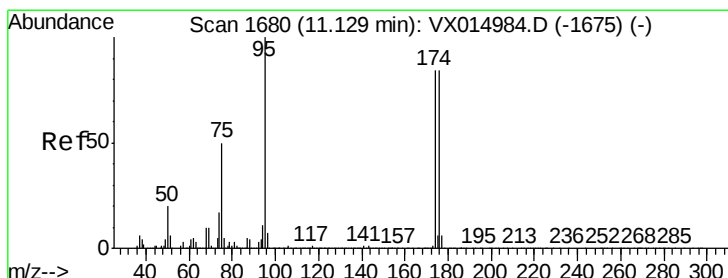
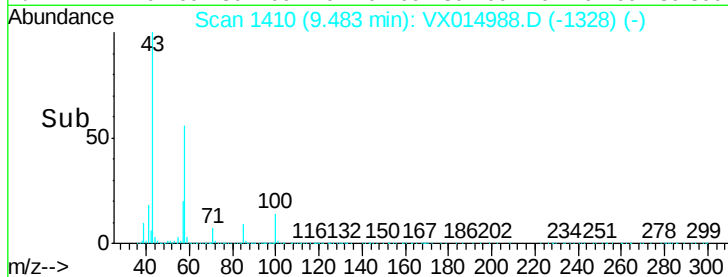
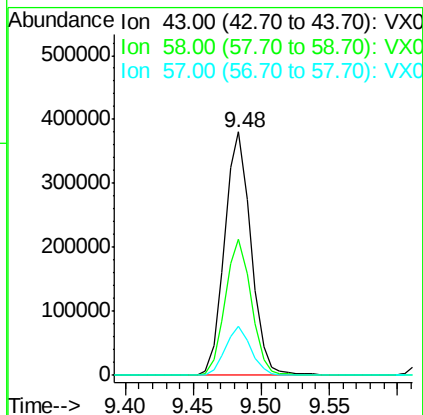
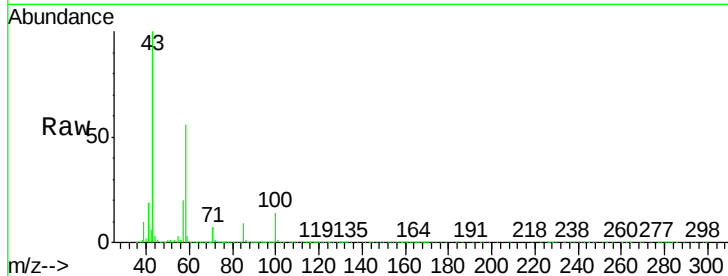




#59
2-Hexanone
Concen: 97.45 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

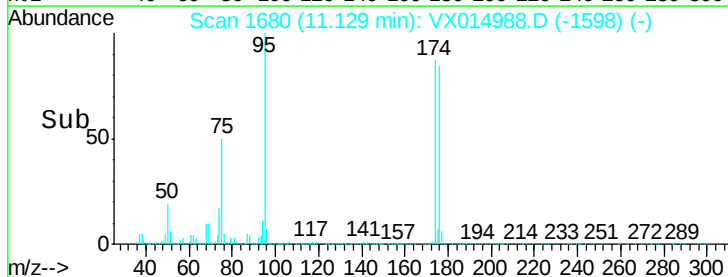
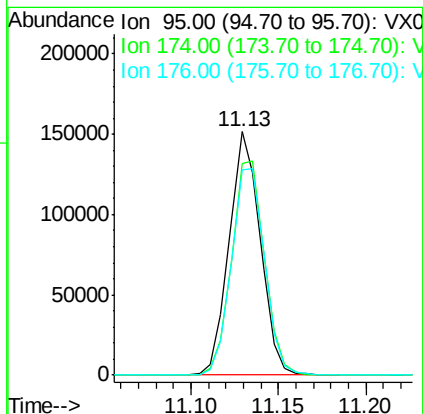
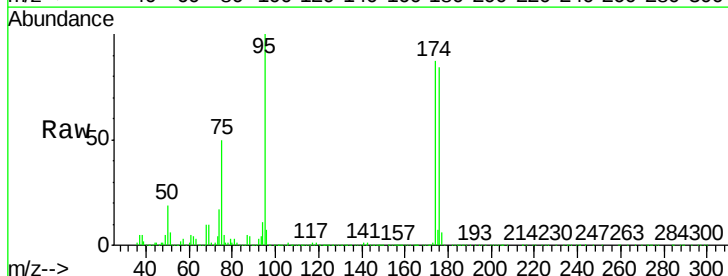
Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

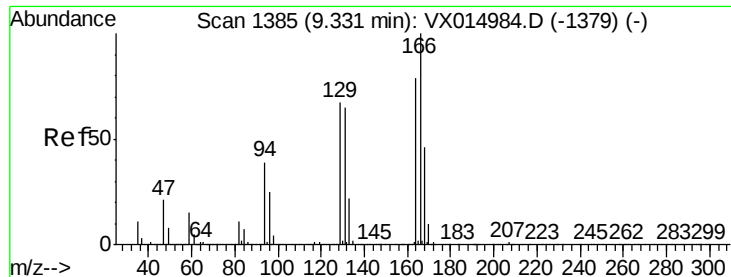
Tgt Ion: 43 Resp: 513034
Ion Ratio Lower Upper
43 100
58 55.6 44.1 66.1
57 19.4 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 29.27 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion: 95 Resp: 187402
Ion Ratio Lower Upper
95 100
174 93.0 72.3 108.5
176 90.4 72.0 108.0





#61

Tetrachloroethene

Concen: 18.76 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

Tgt Ion:164 Resp: 103615

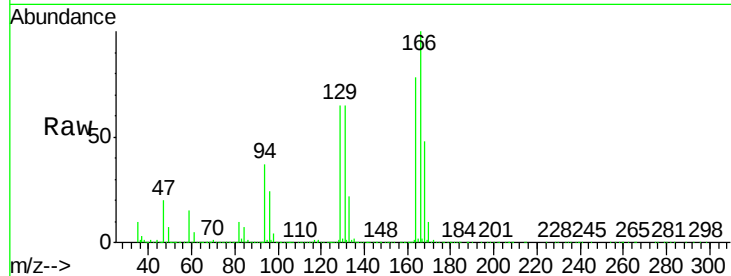
Ion Ratio Lower Upper

164 100

166 127.8 101.2 151.8

129 82.8 67.6 101.4

131 82.9 66.0 99.0

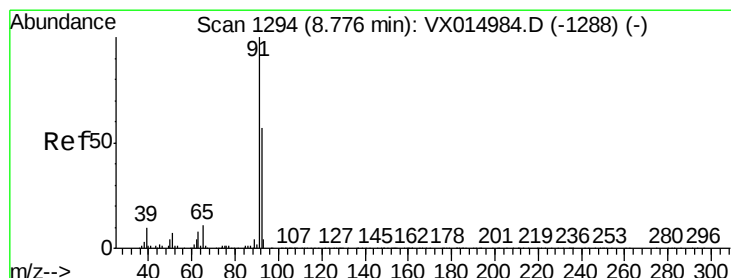
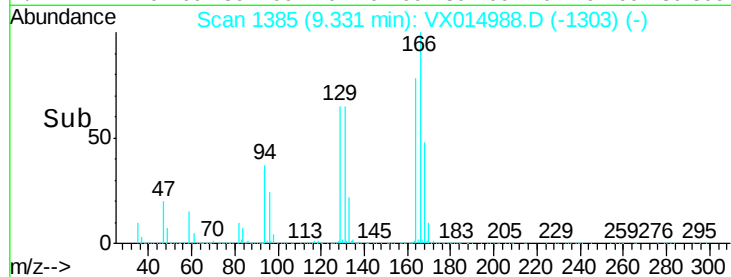
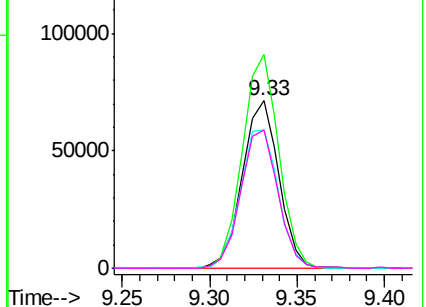


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.93 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014988.D

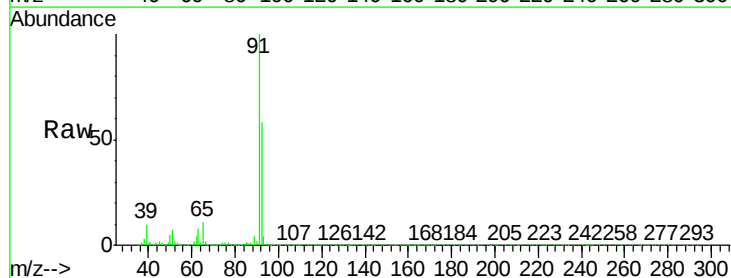
Acq: 21 Feb 2020 11:30

Tgt Ion: 91 Resp: 398699

Ion Ratio Lower Upper

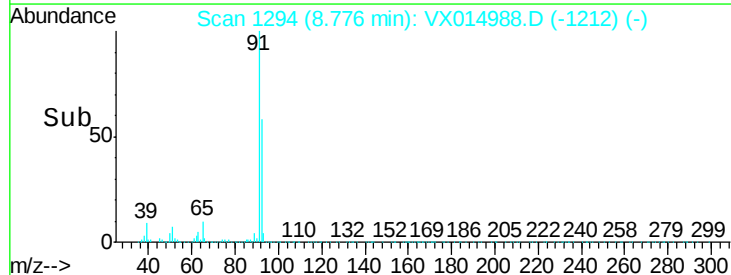
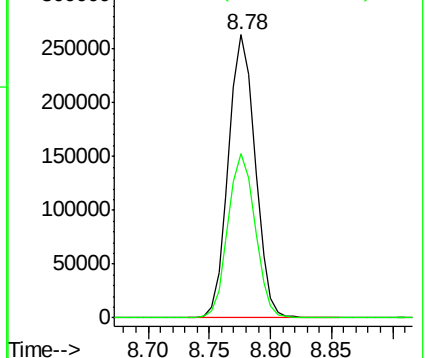
91 100

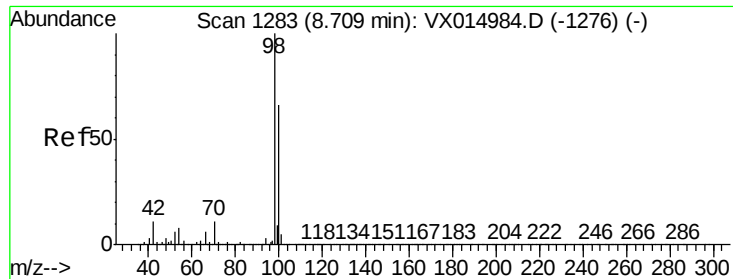
92 58.9 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.27 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

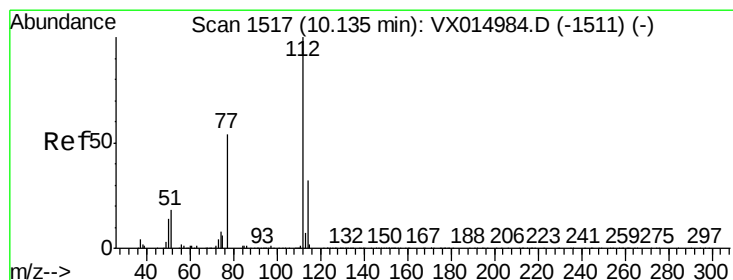
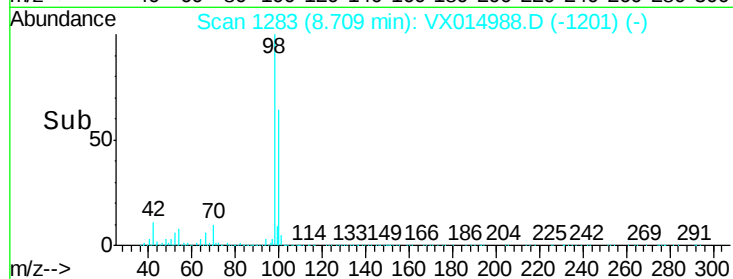
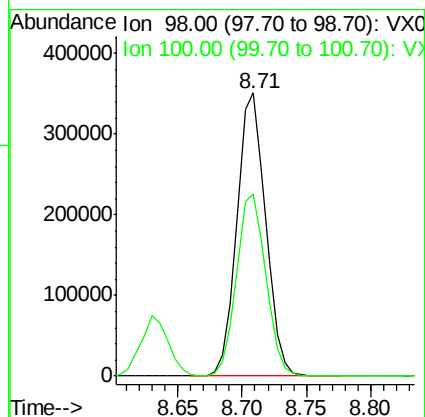
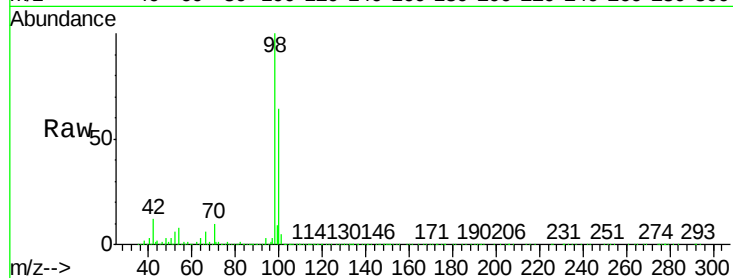
ICVVX022120

Tgt Ion: 98 Resp: 542703

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



#64

Chlorobenzene

Concen: 19.14 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014988.D

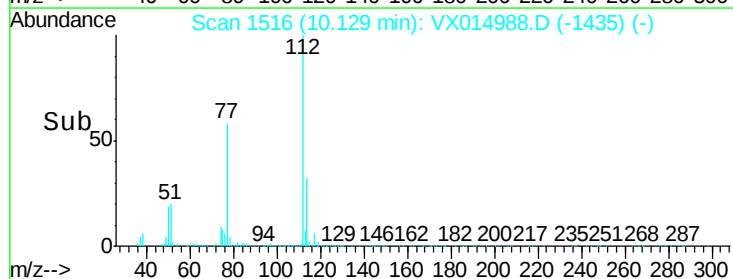
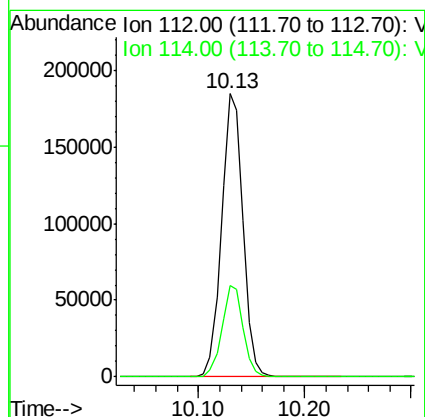
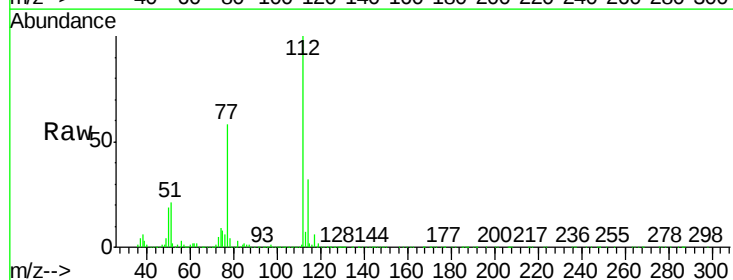
Acq: 21 Feb 2020 11:30

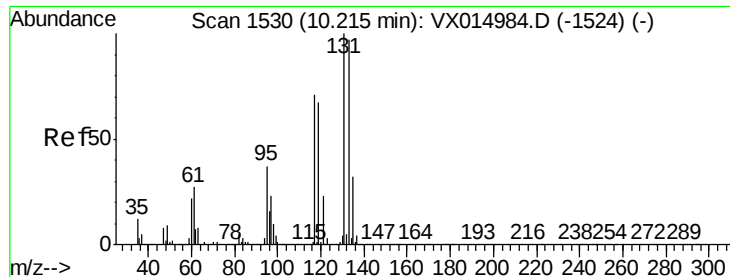
Tgt Ion: 112 Resp: 257299

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.04 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

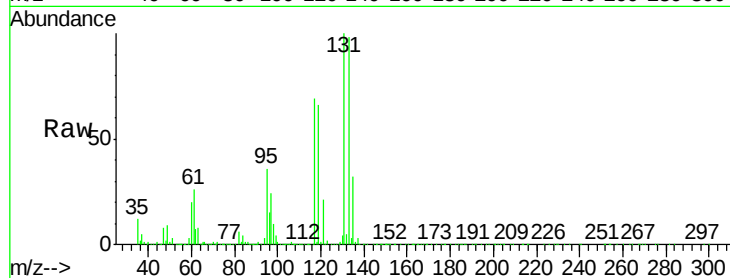
Tgt Ion:131 Resp: 94790

Ion Ratio Lower Upper

131 100

133 97.6 0.0 191.4

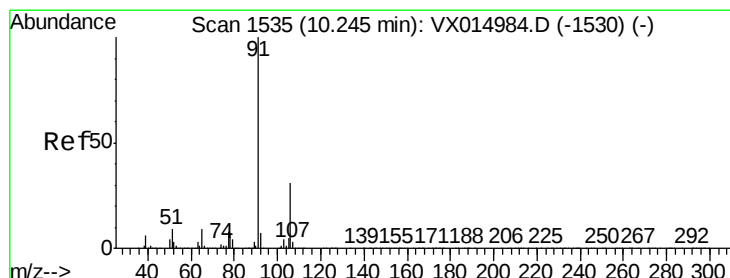
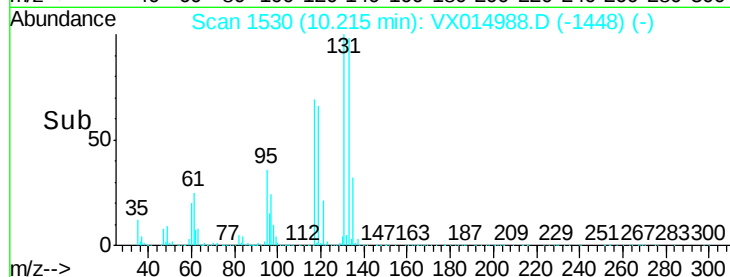
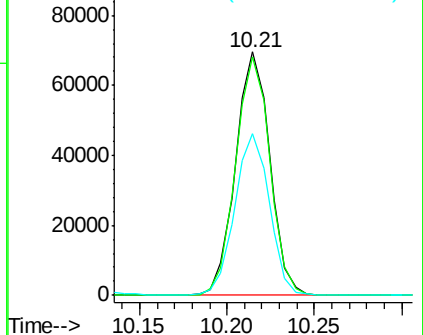
119 66.9 0.0 132.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.07 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014988.D

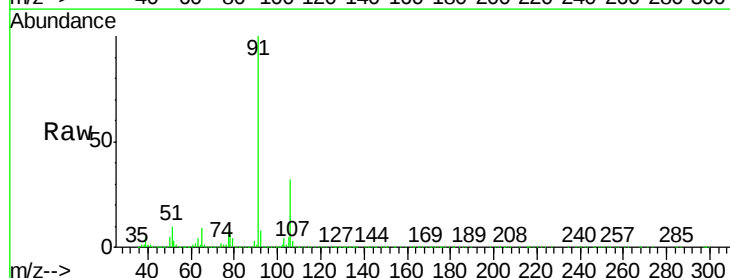
Acq: 21 Feb 2020 11:30

Tgt Ion: 91 Resp: 442261

Ion Ratio Lower Upper

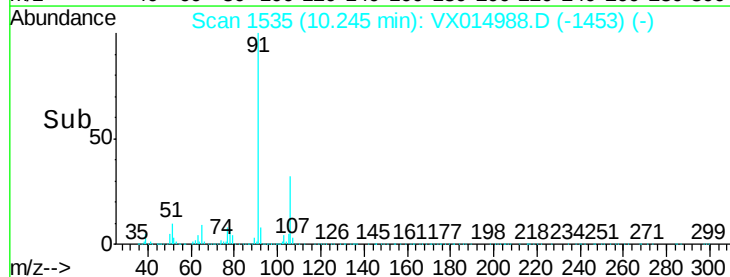
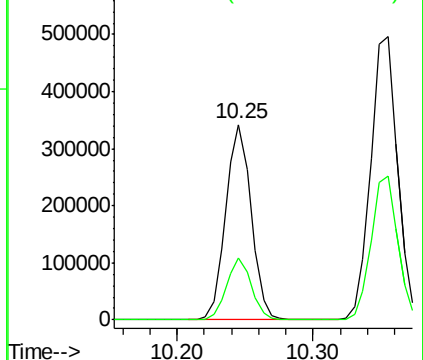
91 100

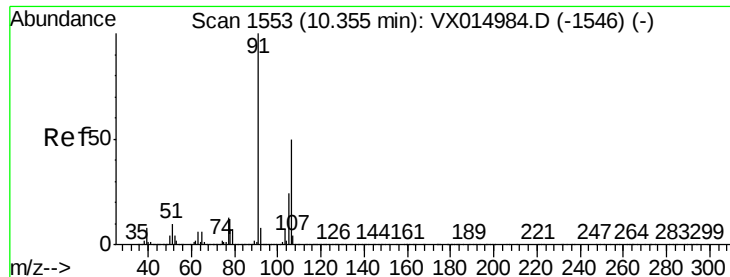
106 31.6 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.51 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

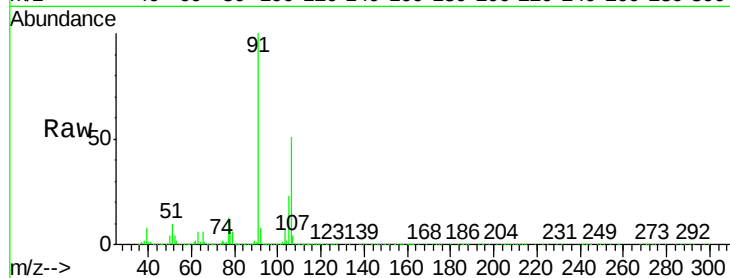
ICVVX022120

Tgt Ion:106 Resp: 344486

Ion Ratio Lower Upper

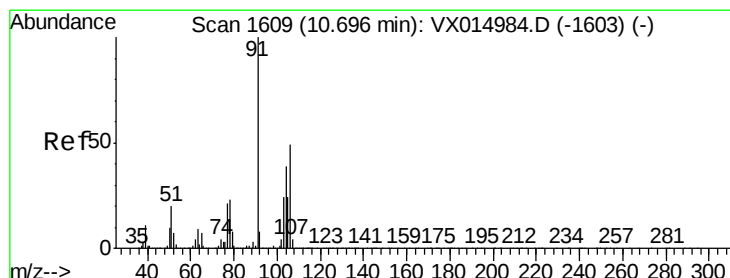
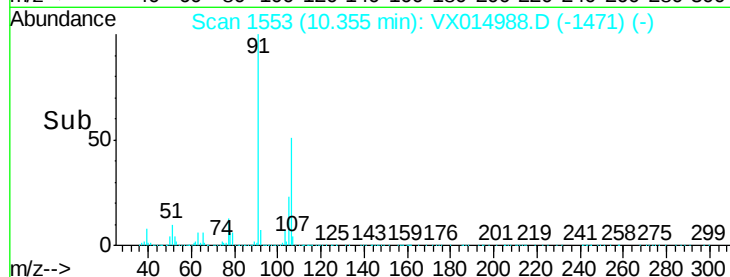
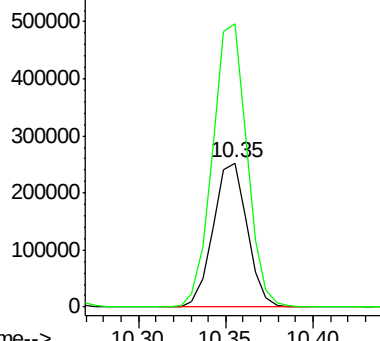
106 100

91 197.2 160.4 240.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.11 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014988.D

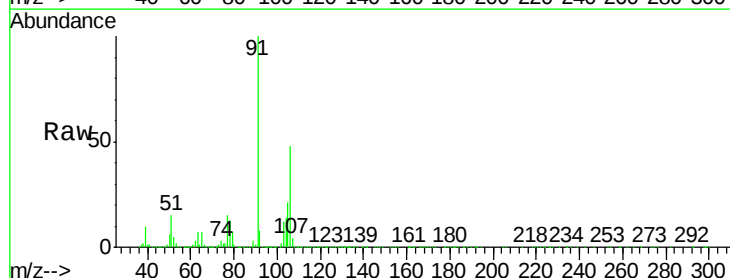
Acq: 21 Feb 2020 11:30

Tgt Ion:106 Resp: 165401

Ion Ratio Lower Upper

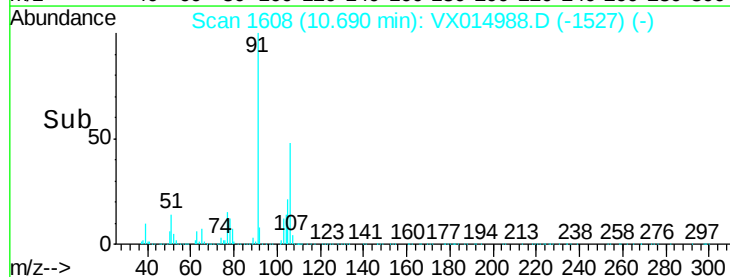
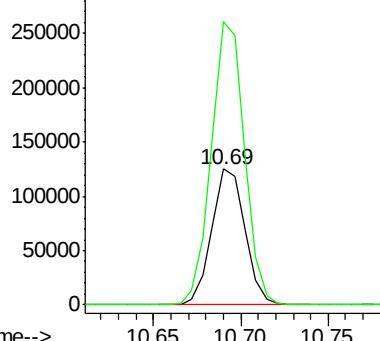
106 100

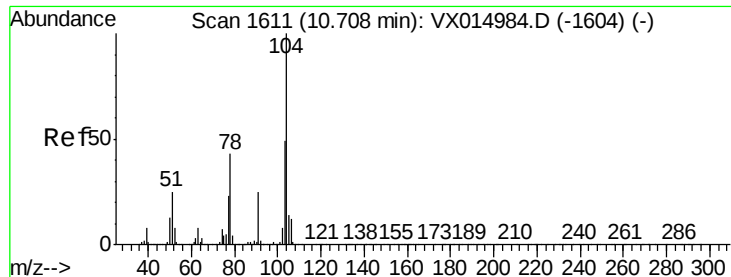
91 207.5 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 18.68 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX022120

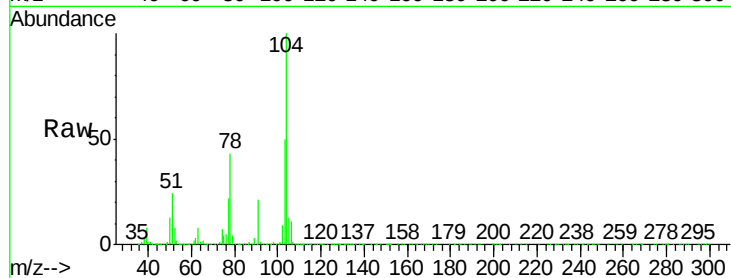
Tgt Ion:104 Resp: 276096

Ion Ratio Lower Upper

104 100

78 49.1 39.4 59.2

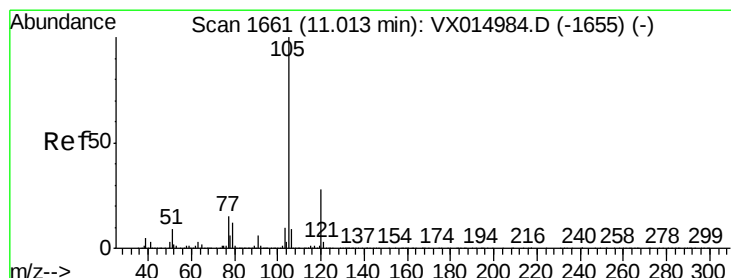
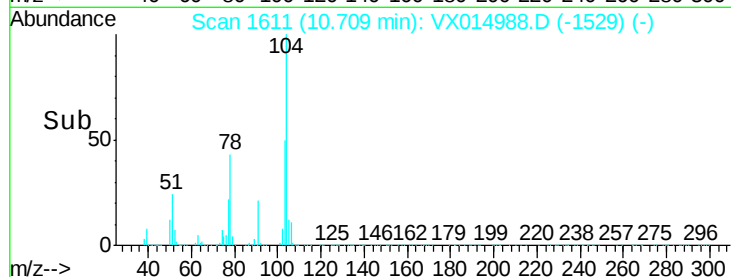
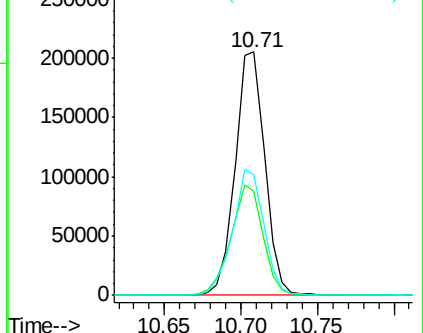
103 54.7 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 19.15 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014988.D

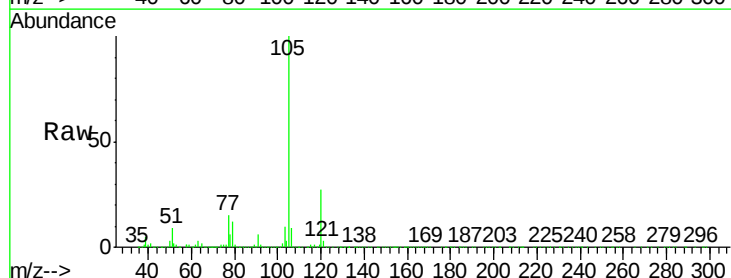
Acq: 21 Feb 2020 11:30

Tgt Ion:105 Resp: 440156

Ion Ratio Lower Upper

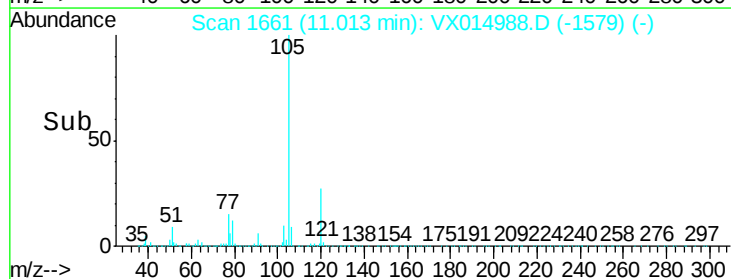
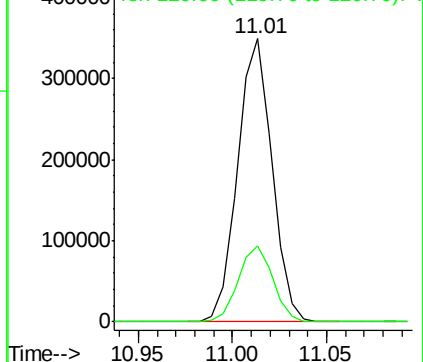
105 100

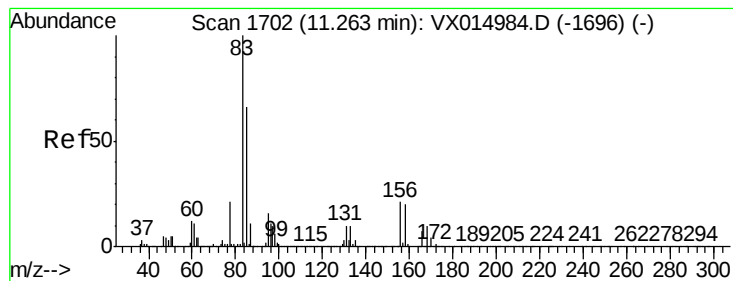
120 27.0 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.33 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

ICVVX022120

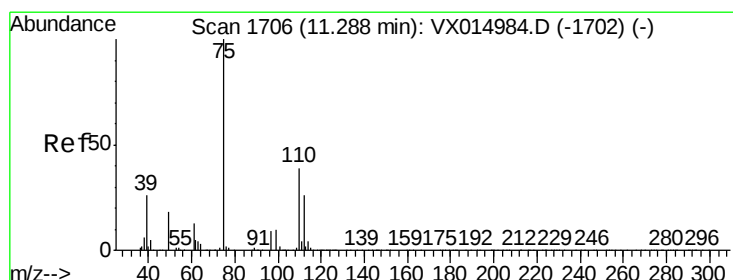
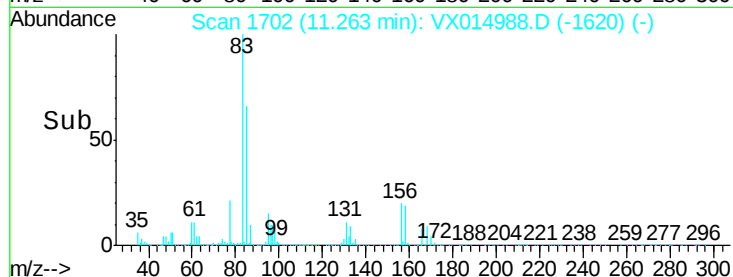
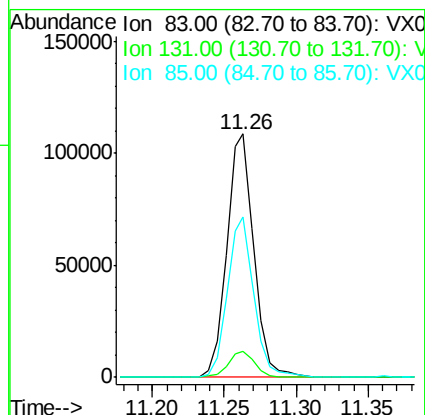
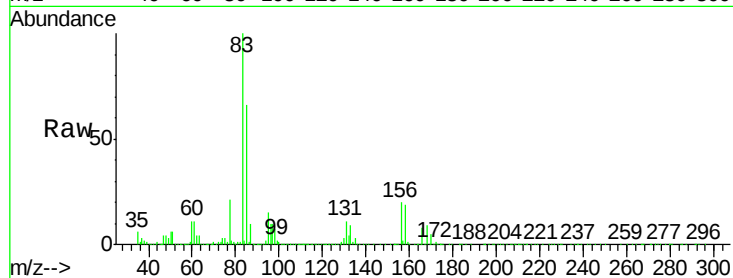
Tgt Ion: 83 Resp: 143111

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.5 32.2 96.6



#72

1,2,3-Trichloropropane

Concen: 23.42 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX014988.D

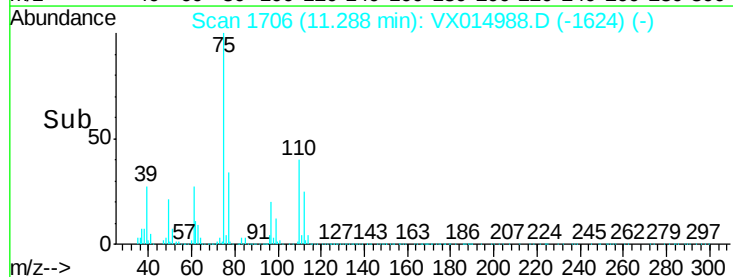
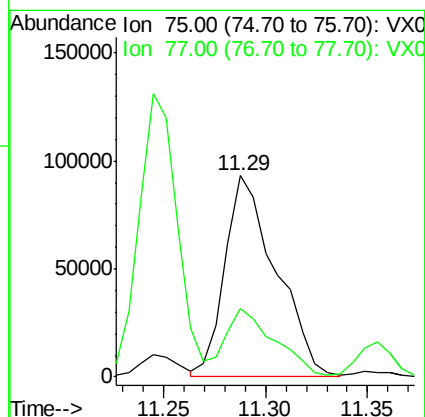
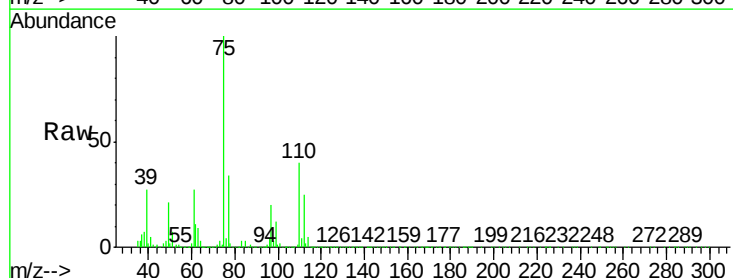
Acq: 21 Feb 2020 11:30

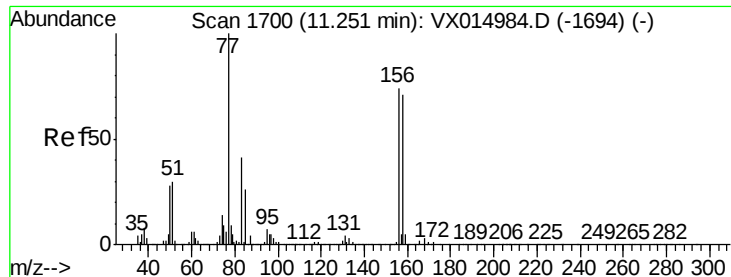
Tgt Ion: 75 Resp: 161542

Ion Ratio Lower Upper

75 100

77 32.8 0.0 75.4





#73

Bromobenzene

Concen: 18.76 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVX022120

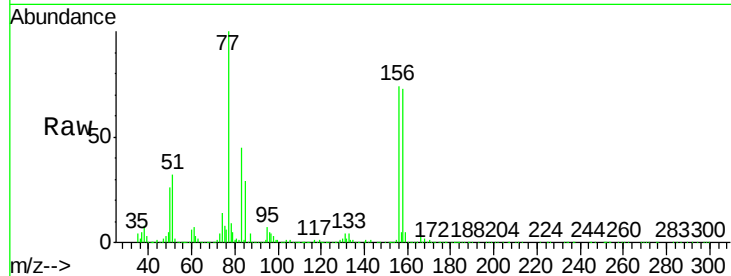
Tgt Ion: 156 Resp: 116525

Ion Ratio Lower Upper

156 100

77 145.8 0.0 286.8

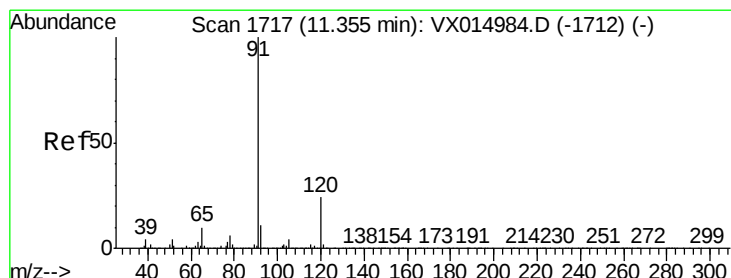
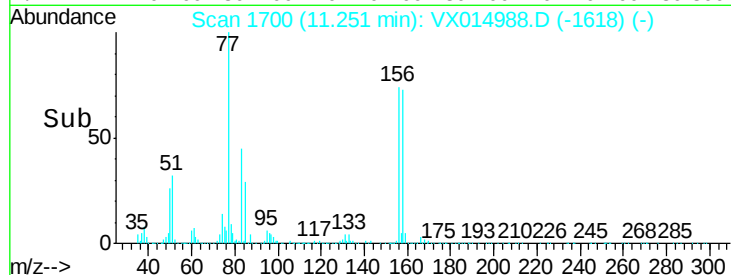
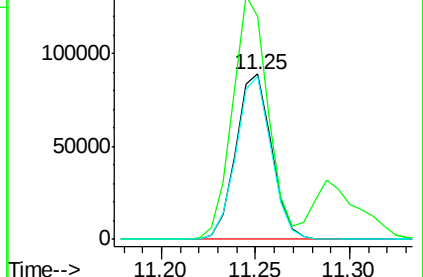
158 97.4 0.0 191.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.10 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014988.D

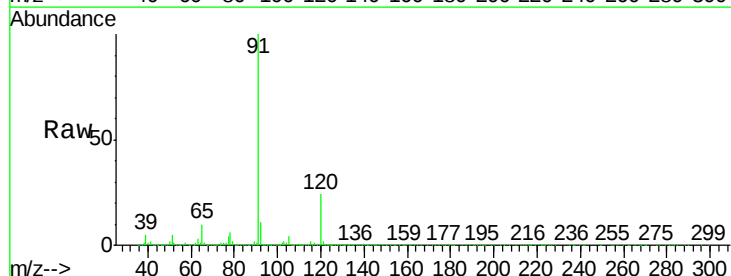
Acq: 21 Feb 2020 11:30

Tgt Ion: 91 Resp: 499641

Ion Ratio Lower Upper

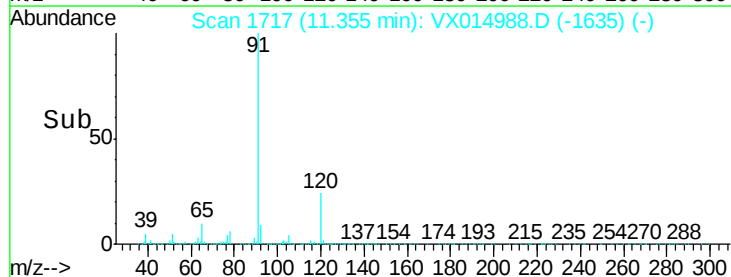
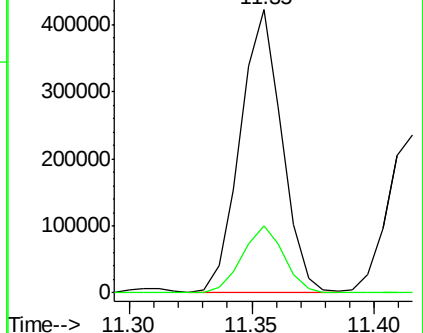
91 100

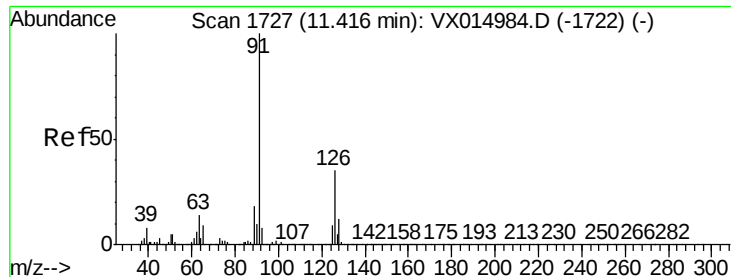
120 23.3 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.22 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

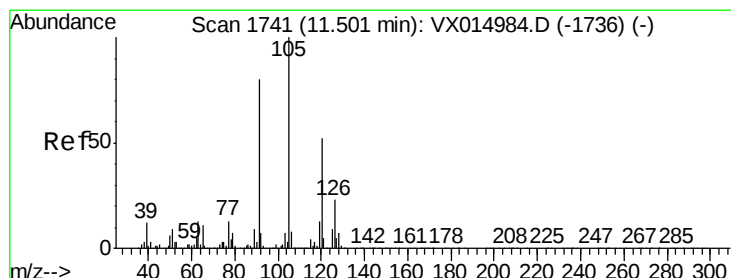
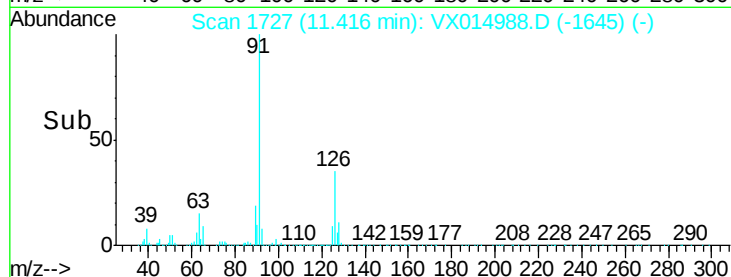
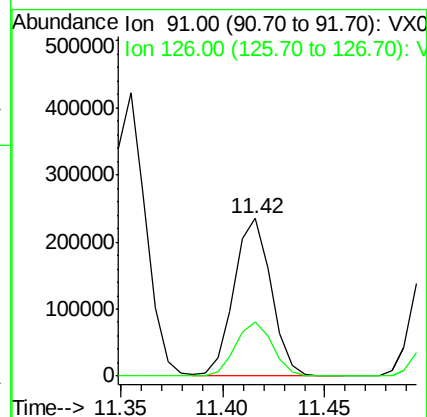
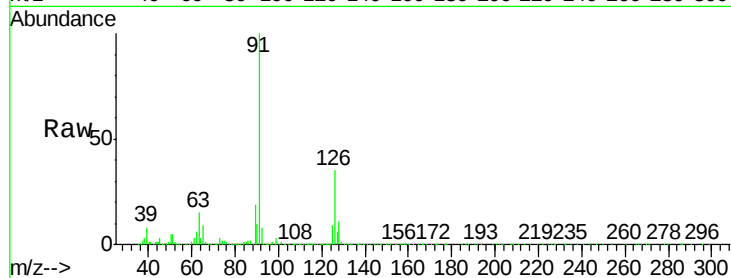
ICVVX022120

Tgt Ion: 91 Resp: 297184

Ion Ratio Lower Upper

91 100

126 34.4 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 19.11 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014988.D

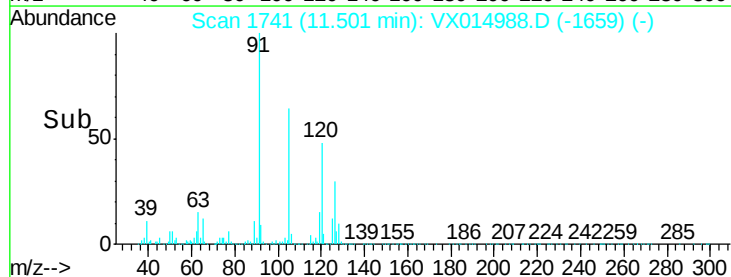
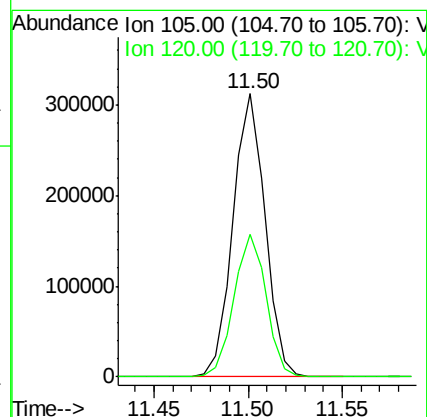
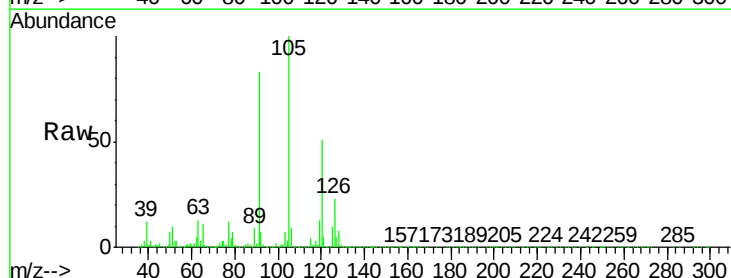
Acq: 21 Feb 2020 11:30

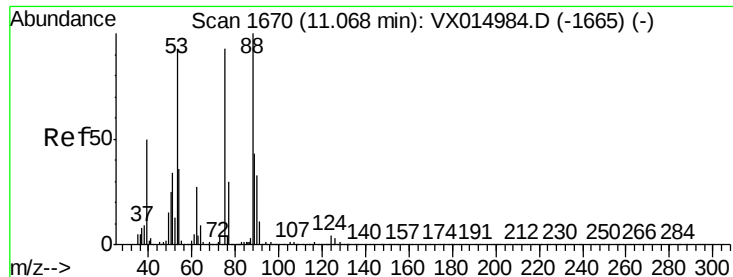
Tgt Ion: 105 Resp: 368110

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.99 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

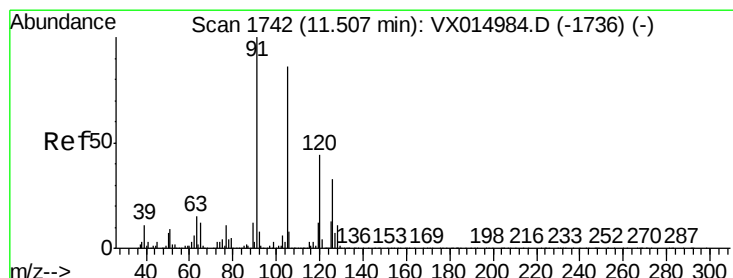
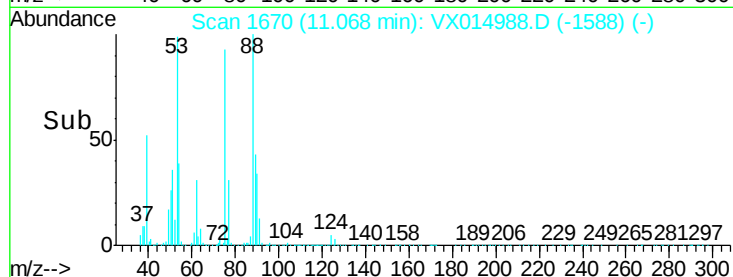
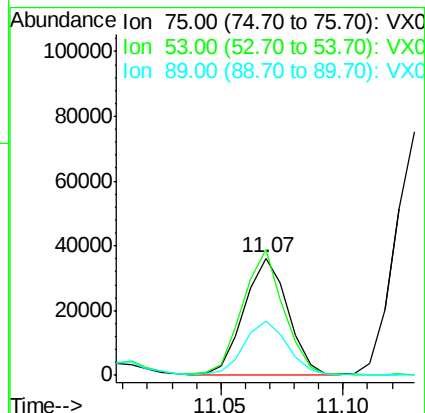
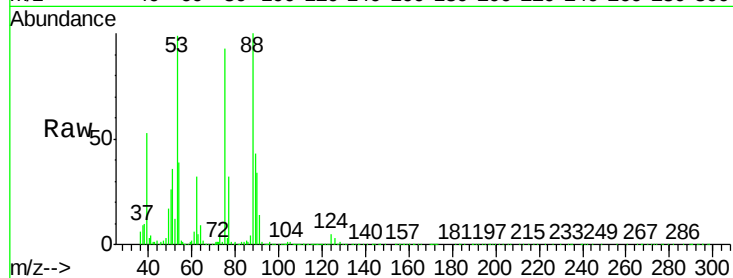
Tgt Ion: 75 Resp: 44530

Ion Ratio Lower Upper

75 100

53 106.6 50.0 149.8

89 46.6 23.5 70.5



#78

4-Chlorotoluene

Concen: 19.08 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014988.D

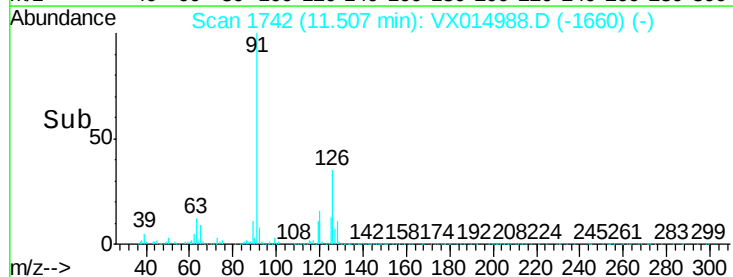
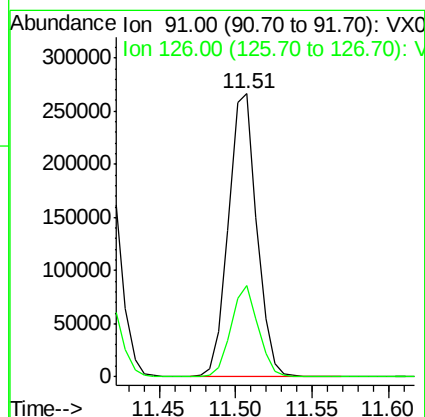
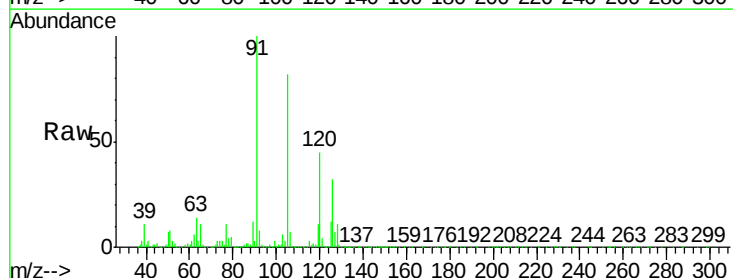
Acq: 21 Feb 2020 11:30

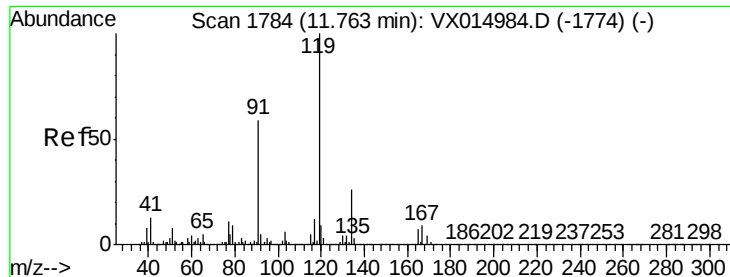
Tgt Ion: 91 Resp: 341218

Ion Ratio Lower Upper

91 100

126 30.6 0.0 62.0

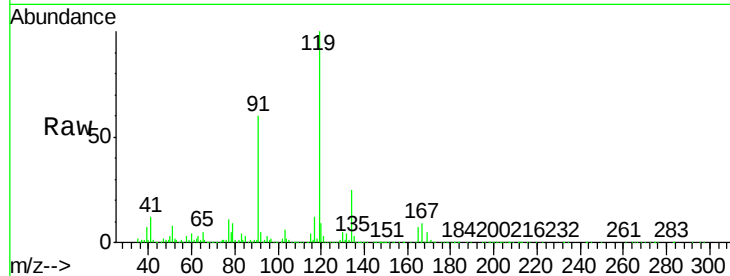




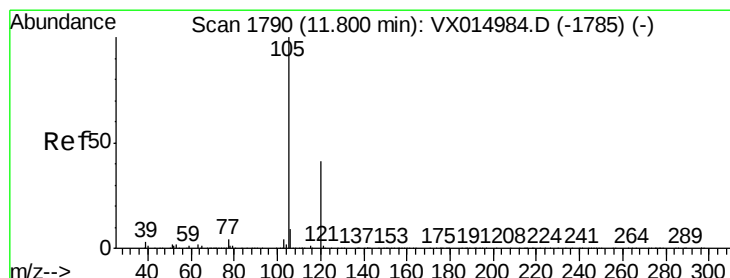
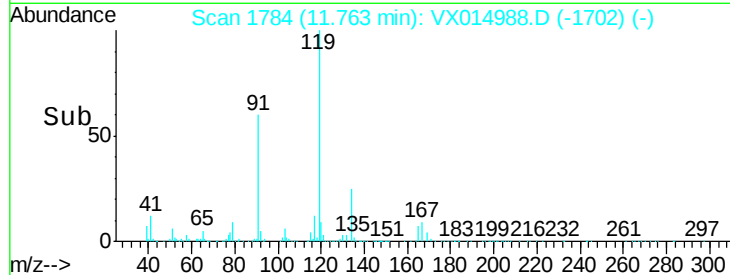
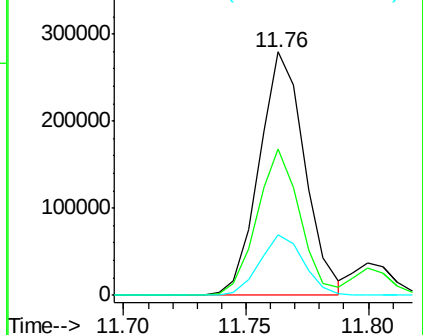
#79
tert-butylbenzene
Concen: 19.34 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tgt Ion:119 Resp: 360050
Ion Ratio Lower Upper
119 100
91 56.8 0.0 114.4
134 24.2 0.0 48.8

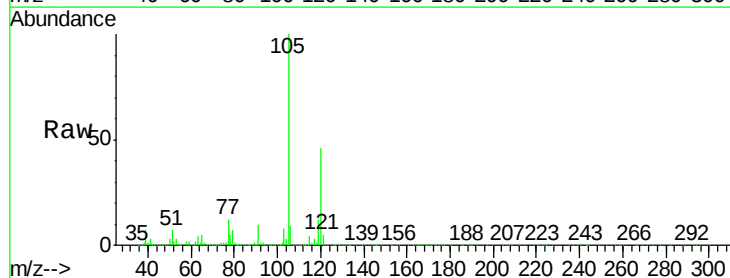


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

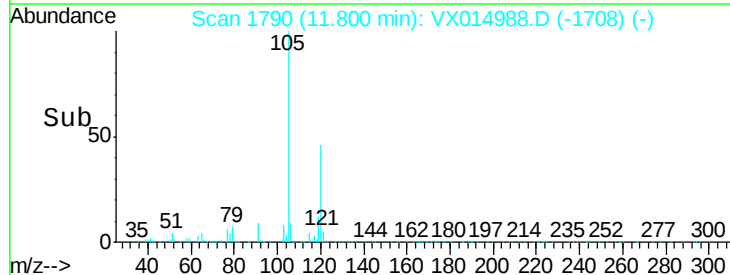
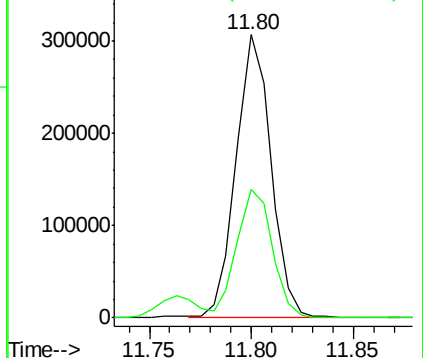


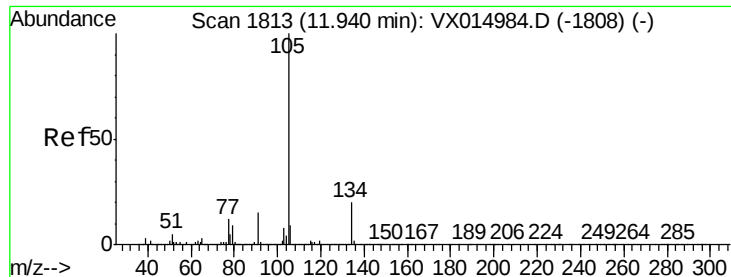
#80
1,2,4-Trimethylbenzene
Concen: 19.02 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion:105 Resp: 364362
Ion Ratio Lower Upper
105 100
120 45.9 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

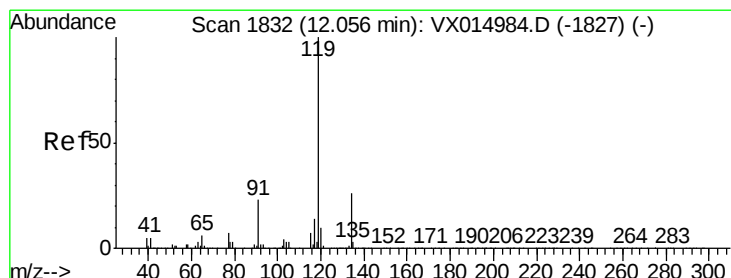
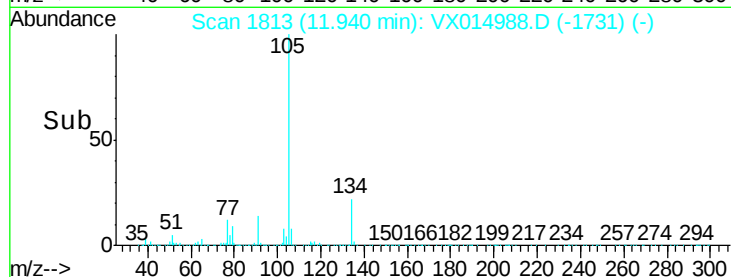
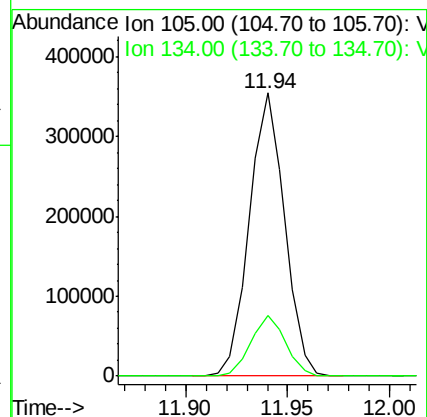
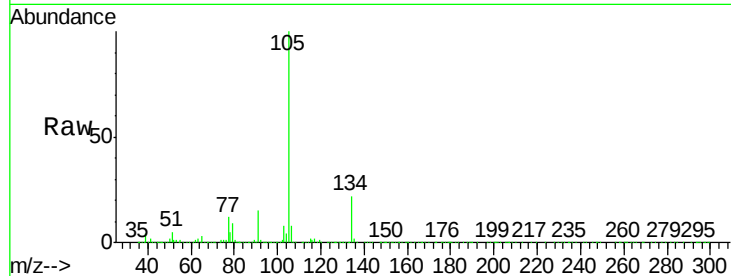




#81
 sec-Butylbenzene
 Concen: 19.10 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

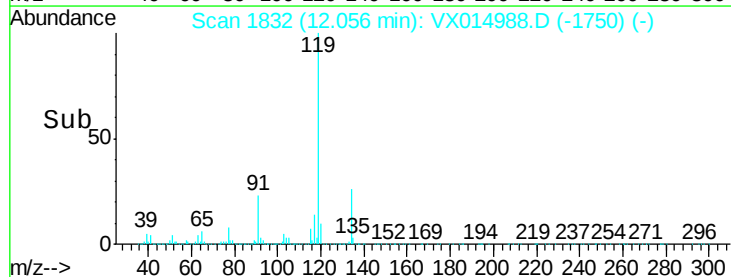
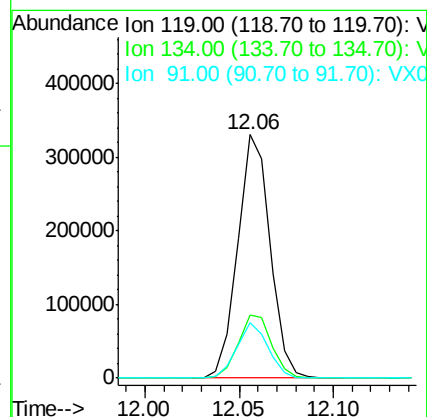
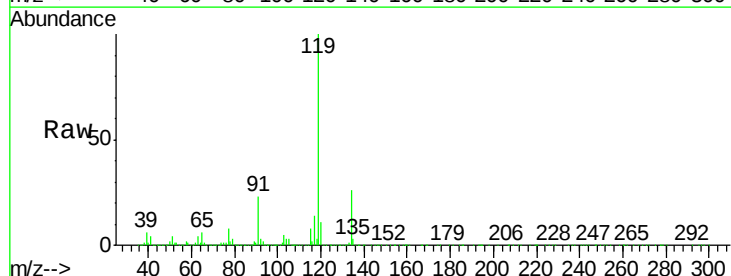
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

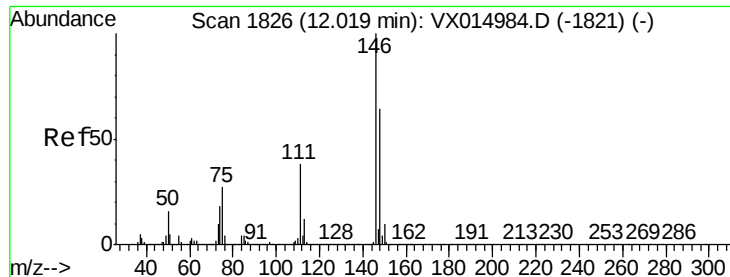
Tgt Ion:105 Resp: 425668
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 19.03 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion:119 Resp: 394072
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 22.0 0.0 44.6

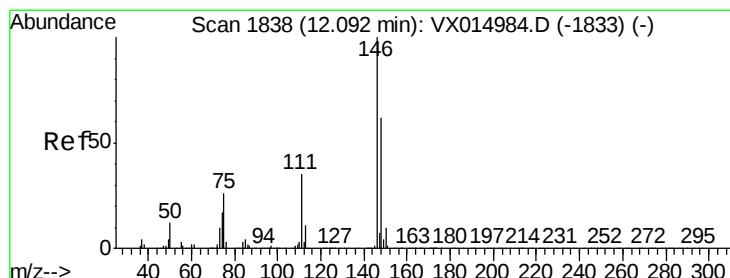
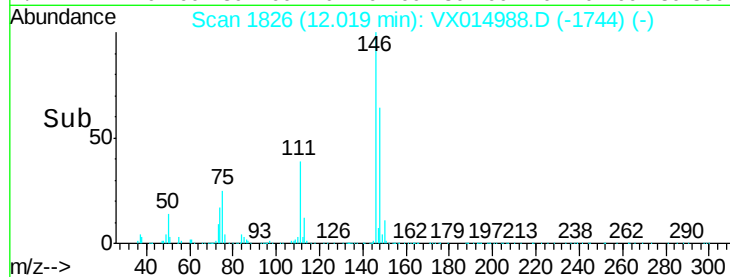
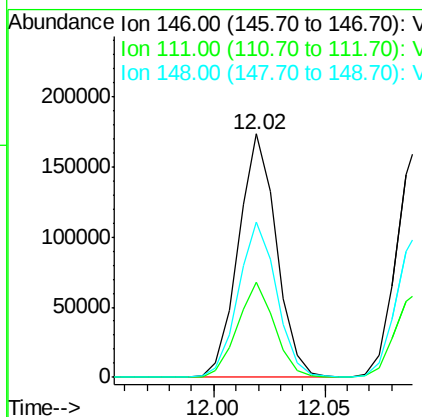
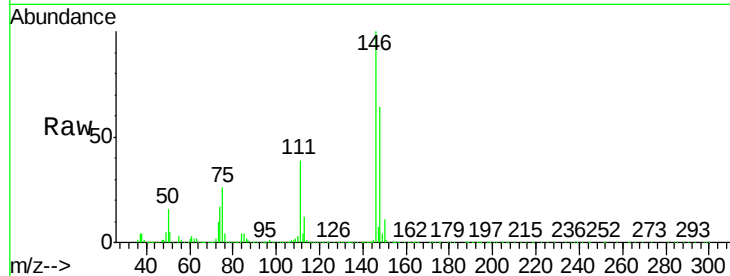




#83
 1,3-Dichlorobenzene
 Concen: 18.96 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

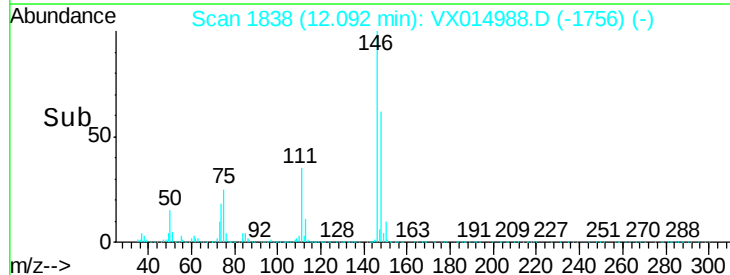
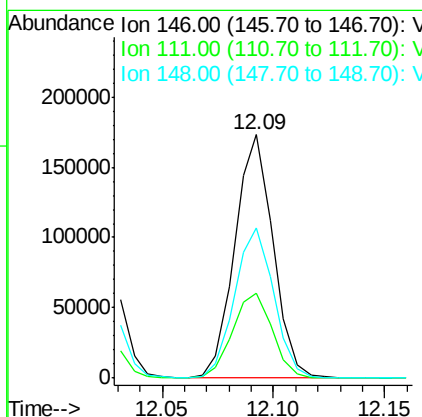
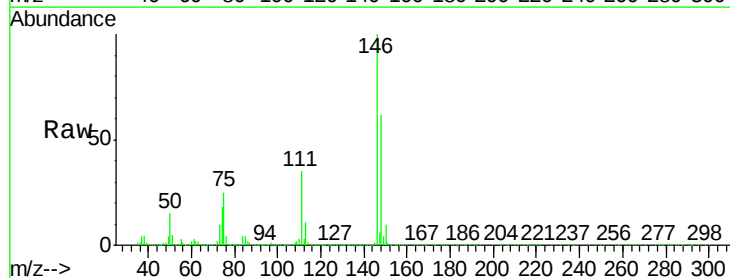
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

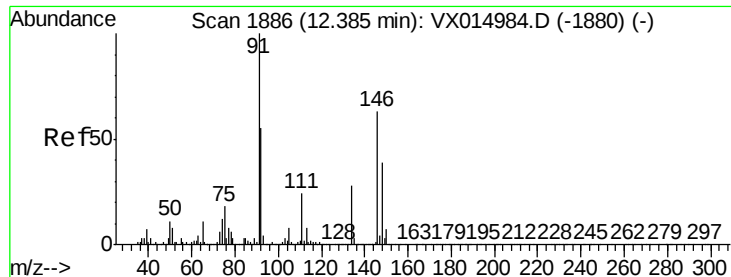
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	64.2	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 18.92 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.8	53.5
148	63.4	31.4	94.2





#85

n-Butylbenzene

Concen: 18.28 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX022120

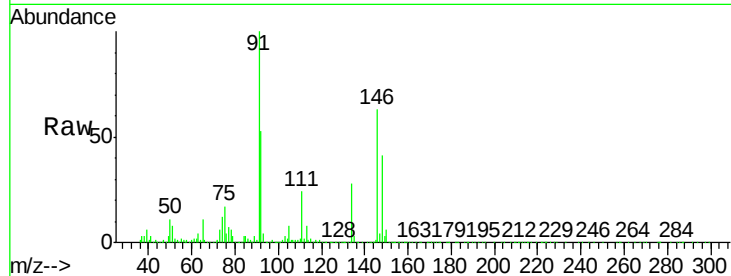
Tgt Ion: 91 Resp: 329393

Ion Ratio Lower Upper

91 100

92 53.7 0.0 109.8

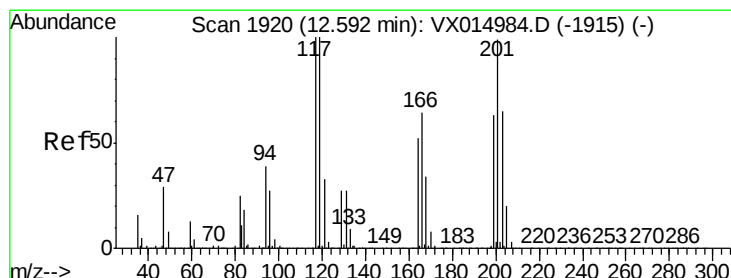
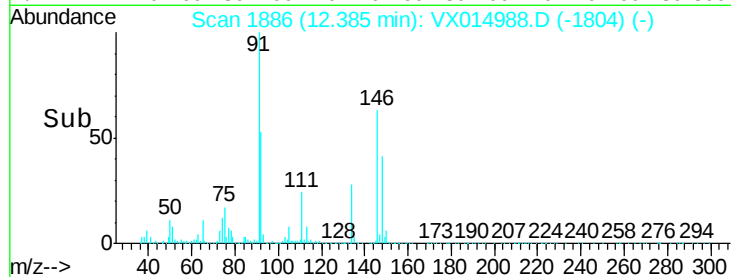
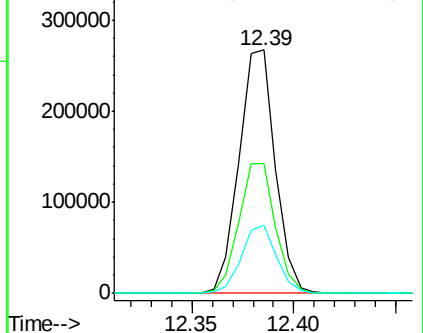
134 27.0 0.0 54.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 18.08 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014988.D

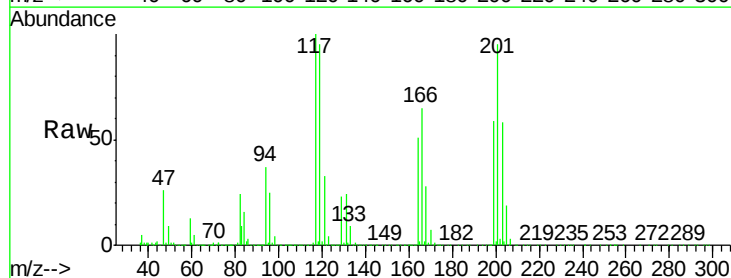
Acq: 21 Feb 2020 11:30

Tgt Ion: 117 Resp: 67691

Ion Ratio Lower Upper

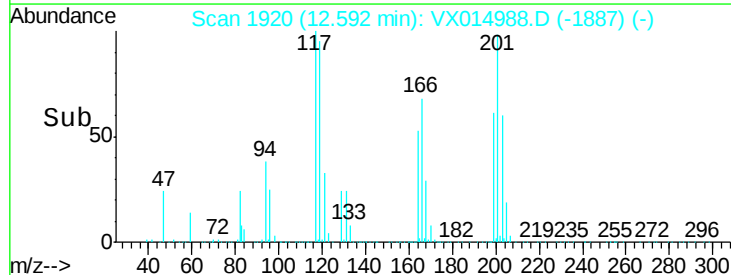
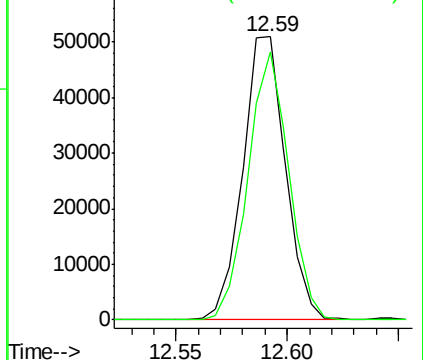
117 100

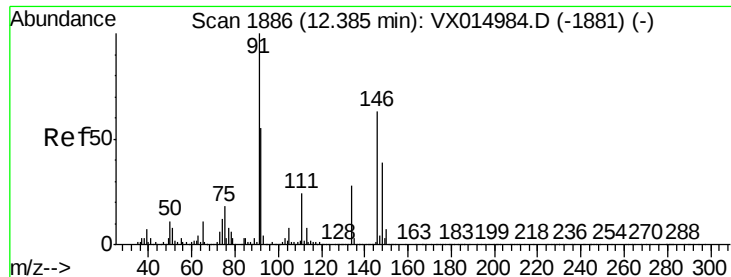
201 90.1 45.6 136.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 18.95 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

ICVX022120

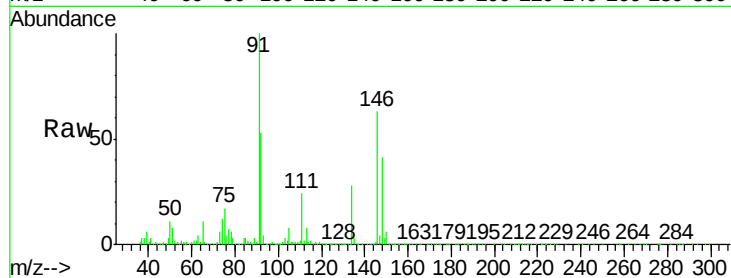
Tgt Ion: 146 Resp: 205319

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

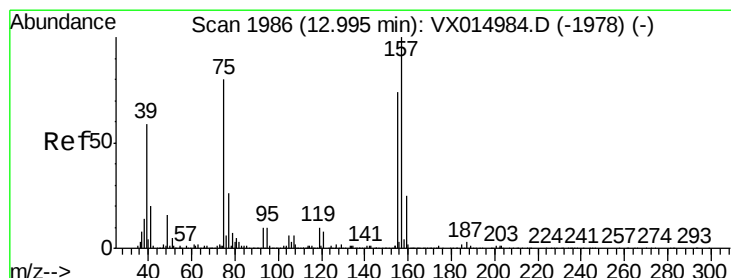
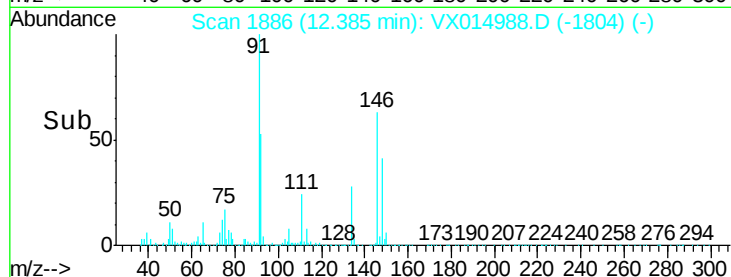
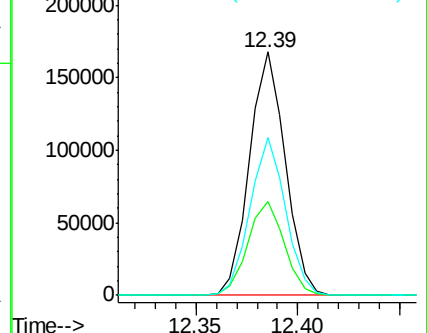
148 63.9 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.73 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014988.D

Acq: 21 Feb 2020 11:30

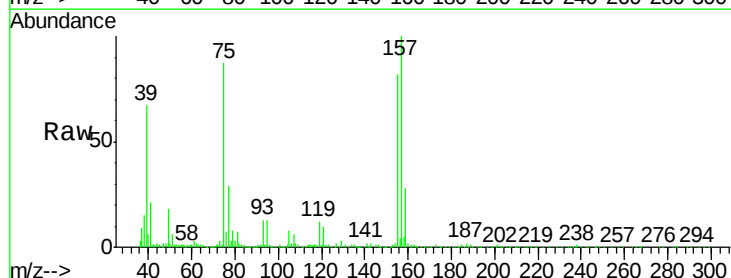
Tgt Ion: 75 Resp: 30188

Ion Ratio Lower Upper

75 100

155 92.9 74.5 111.7

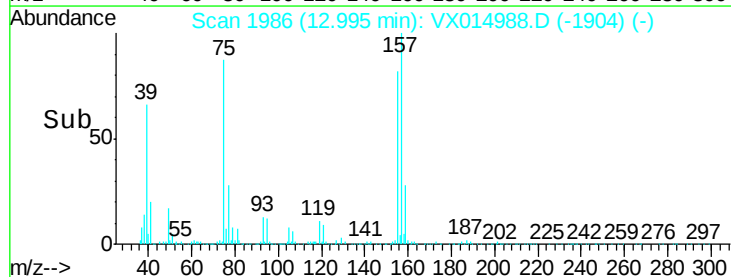
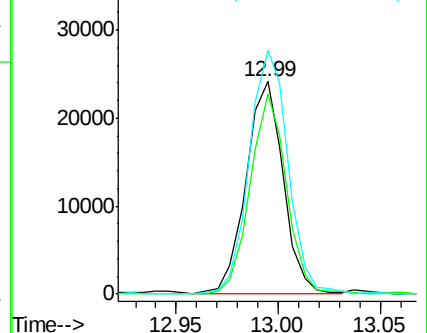
157 121.3 96.2 144.4

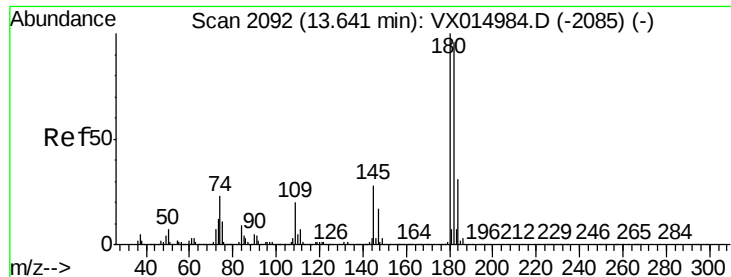


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

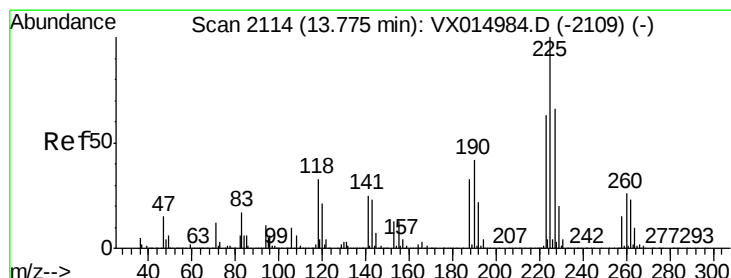
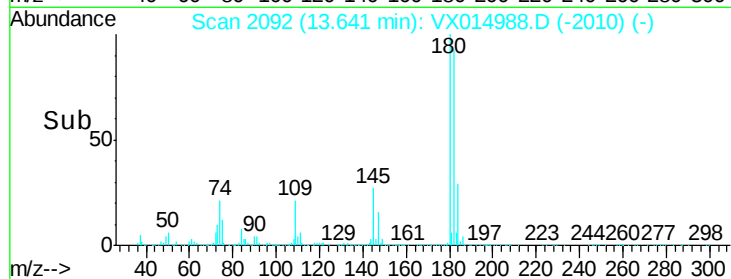
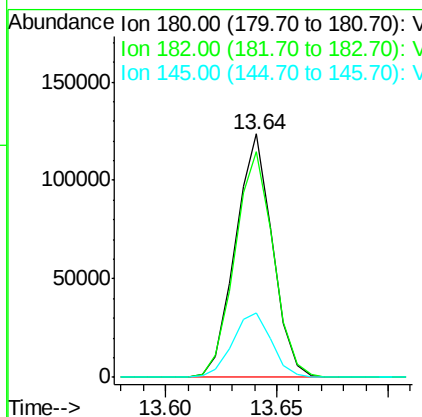
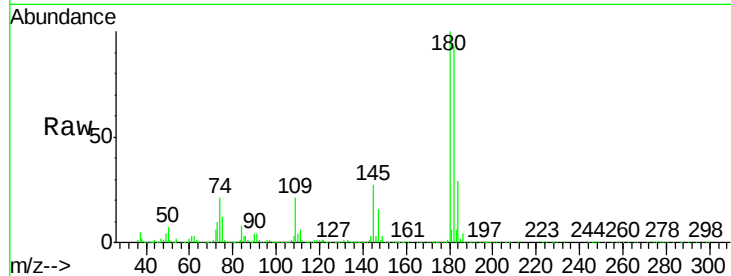




#89
 1,2,4-Trichlorobenzene
 Concen: 18.37 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

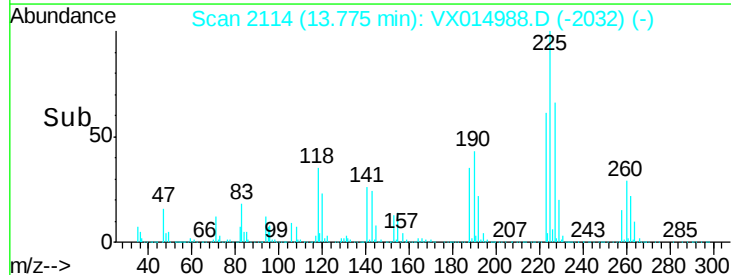
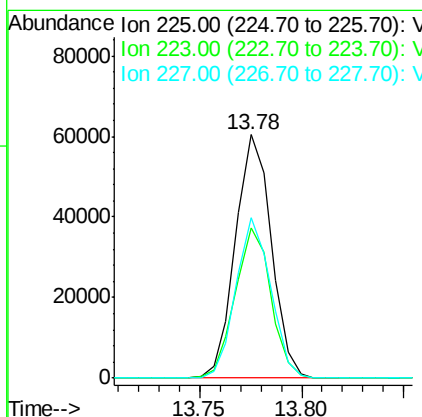
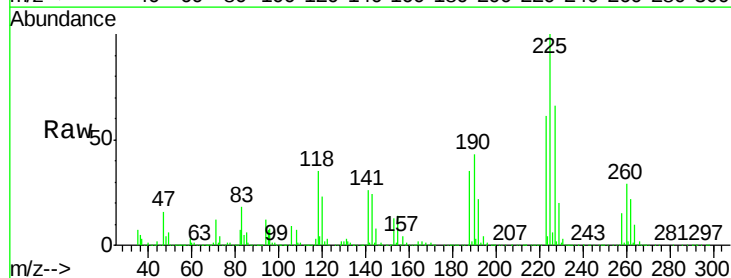
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX022120

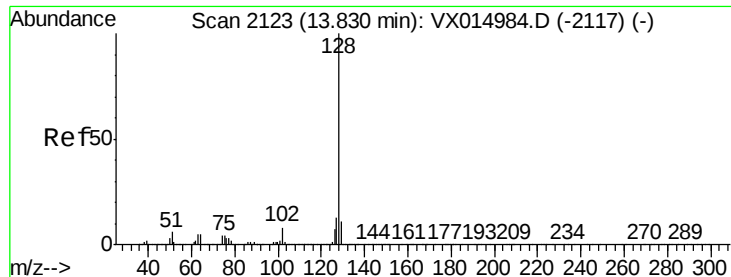
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.4	114.6
145	27.7	21.8	32.6



#90
 Hexachlorobutadiene
 Concen: 19.14 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014988.D
 Acq: 21 Feb 2020 11:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	0.0	132.0
227	63.6	0.0	131.0

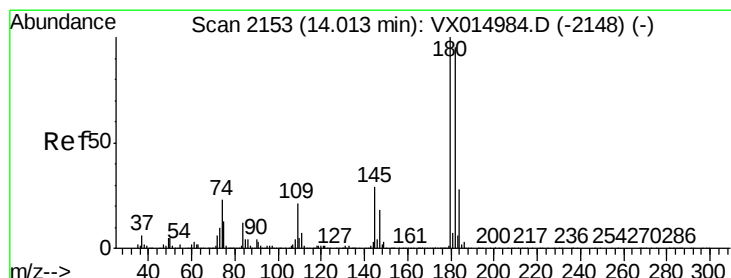
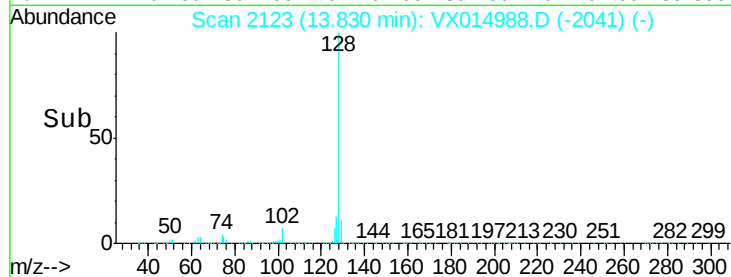
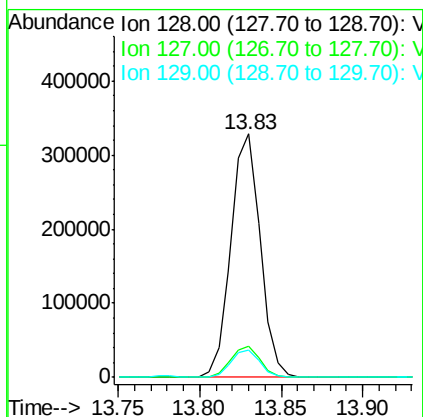
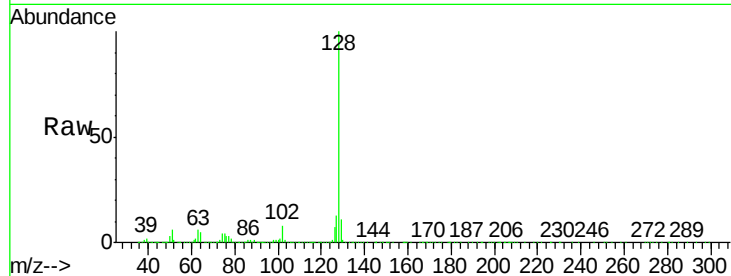




#91
Naphthalene
Concen: 18.67 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022120

Tgt Ion:128 Resp: 411980
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 18.48 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014988.D
Acq: 21 Feb 2020 11:30

Tgt Ion:180 Resp: 142983
Ion Ratio Lower Upper
180 100
182 95.8 0.0 192.4
145 30.0 0.0 60.4

