

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016452.D
 Acq On : 27 May 2020 17:30
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

Quant Time: May 28 03:13:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	323606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	499430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236043	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	198502	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.46	113	155912	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	8.70	98	627008	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.12	95	242188	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	165804	52.064	ug/l	97
3) Chloromethane	1.31	50	195697	50.850	ug/l	100
4) Vinyl Chloride	1.39	62	208354	51.194	ug/l	100
5) Bromomethane	1.62	94	96827	48.930	ug/l	99
6) Chloroethane	1.70	64	125699	52.946	ug/l	99
7) Trichlorofluoromethane	1.91	101	277120	51.847	ug/l	99
8) Diethyl Ether	2.17	74	110574	49.613	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	152652	51.893	ug/l	99
10) Methyl Iodide	2.49	142	151536	43.538	ug/l	99
11) Tert butyl alcohol	3.01	59	269872	261.875	ug/l	100
12) 1,1-Dichloroethene	2.35	96	159528	51.233	ug/l	95
13) Acrolein	2.27	56	82582	188.381	ug/l	97
14) Allyl chloride	2.70	41	298148	52.065	ug/l	99
15) Acrylonitrile	3.11	53	555848	263.312	ug/l	99
16) Acetone	2.42	43	464564	263.850	ug/l	99
17) Carbon Disulfide	2.54	76	473164	51.171	ug/l	100
18) Methyl Acetate	2.75	43	236423	52.354	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	583099	52.150	ug/l	99
20) Methylene Chloride	2.83	84	179914	49.388	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	177535	51.546	ug/l	99
22) Diisopropyl ether	3.82	45	572763	52.066	ug/l	94
23) Vinyl Acetate	3.78	43	2588502	268.826	ug/l	99
24) 1,1-Dichloroethane	3.67	63	319771	51.502	ug/l	99
25) 2-Butanone	4.63	43	778101	260.805	ug/l	99
26) 2,2-Dichloropropane	4.54	77	290305	57.139	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	200361	50.285	ug/l	97
28) Bromochloromethane	4.98	49	129142	44.759	ug/l	98
29) Tetrahydrofuran	5.09	42	514801	267.088	ug/l	100
30) Chloroform	5.17	83	316664	50.616	ug/l	100
31) Cyclohexane	5.54	56	289545	51.836	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	291746	51.509	ug/l	100
36) 1,1-Dichloropropene	5.77	75	249002	52.658	ug/l	98
37) Ethyl Acetate	4.79	43	298514	52.582	ug/l	100
38) Carbon Tetrachloride	5.74	117	257168	51.751	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

Quant Time: May 28 03:13:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286802	55.840	ug/l	97
40) Benzene	6.11	78	733697	52.103	ug/l	100
41) Methacrylonitrile	5.00	41	158854	50.941	ug/l	99
42) 1,2-Dichloroethane	6.16	62	256581	51.236	ug/l	100
43) Isopropyl Acetate	6.41	43	465422	52.559	ug/l	99
44) Trichloroethene	7.19	130	228365	51.113	ug/l	95
45) 1,2-Dichloropropane	7.49	63	188362	52.543	ug/l	99
46) Dibromomethane	7.63	93	124641	51.764	ug/l	99
47) Bromodichloromethane	7.87	83	261378	52.426	ug/l	98
48) Methyl methacrylate	7.74	41	227133	53.570	ug/l	99
49) 1,4-Dioxane	7.71	88	105264	1060.859	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1499669	271.981	ug/l	100
52) Toluene	8.76	92	468335	52.741	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	312563	55.133	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	328236	54.700	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	185364	52.502	ug/l	97
56) Ethyl methacrylate	9.16	69	315517	54.872	ug/l	99
57) 1,3-Dichloropropane	9.35	76	324601	53.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	729998	243.227	ug/l	100
59) 2-Hexanone	9.47	43	1188887	277.265	ug/l	100
60) Dibromochloromethane	9.57	129	211582	53.252	ug/l	100
61) 1,2-Dibromoethane	9.65	107	199434	52.749	ug/l	98
64) Tetrachloroethene	9.32	164	259469	49.107	ug/l	99
65) Chlorobenzene	10.12	112	500178	51.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	190239	51.760	ug/l	99
67) Ethyl Benzene	10.23	91	901305	52.577	ug/l	98
68) m/p-Xylenes	10.34	106	681196	107.174	ug/l	99
69) o-Xylene	10.68	106	325109	52.816	ug/l	99
70) Styrene	10.70	104	574185	54.269	ug/l	100
71) Bromoform	10.84	173	163607	52.671	ug/l #	100
73) Isopropylbenzene	11.00	105	874414	53.465	ug/l	100
74) N-amyl acetate	10.88	43	409184	54.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	227406	55.480	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	365656	70.476	ug/l	83
77) Bromobenzene	11.24	156	219238	51.109	ug/l	99
78) n-propylbenzene	11.34	91	986781	54.005	ug/l	100
79) 2-Chlorotoluene	11.40	91	590150	52.913	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	736958	53.965	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	115304	54.667	ug/l	97
82) 4-Chlorotoluene	11.49	91	700664	53.199	ug/l	100
83) tert-Butylbenzene	11.76	119	639693	54.822	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	747087	54.095	ug/l	99
85) sec-Butylbenzene	11.93	105	809677	55.314	ug/l	100
86) p-Isopropyltoluene	12.05	119	766449	55.897	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	393102	52.895	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	397510	52.299	ug/l	99
89) n-Butylbenzene	12.37	91	661890	57.954	ug/l	99
90) Hexachloroethane	12.58	117	131168	55.382	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	369537	51.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67546	50.876	ug/l	97

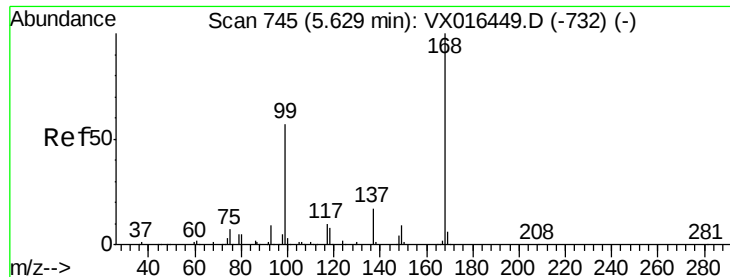
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016452.D
Acq On : 27 May 2020 17:30
Operator : JC/SP
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Instrument :
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ICVVX052720

Quant Time: May 28 03:13:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	269201	56.296	ug/l	98
94) Hexachlorobutadiene	13.77	225	111319	59.292	ug/l	99
95) Naphthalene	13.82	128	881328	53.763	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259113	55.310	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

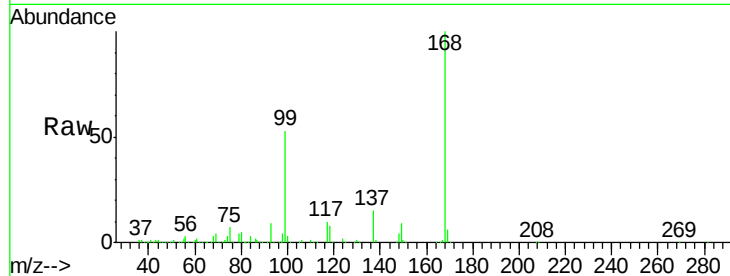
ICVVX052720

Tot Ion:168 Resp: 323606

Ion Ratio Lower Upper

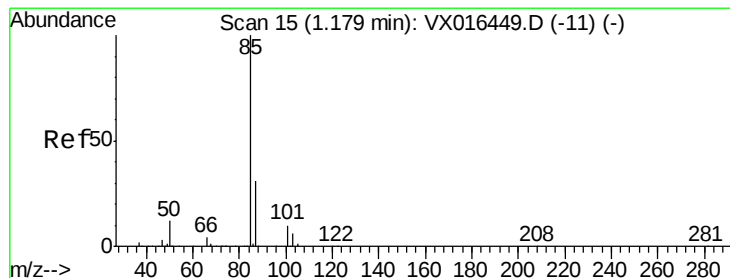
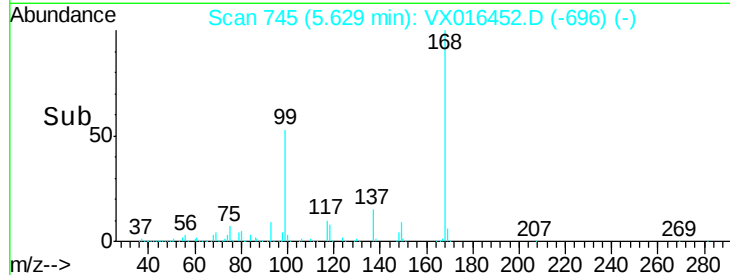
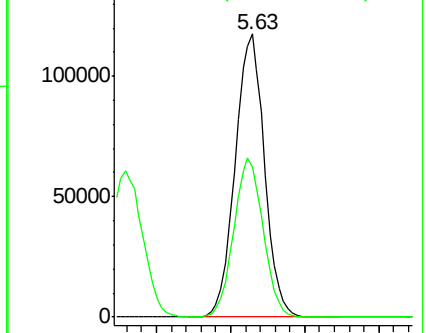
168 100

99 52.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.064 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016452.D

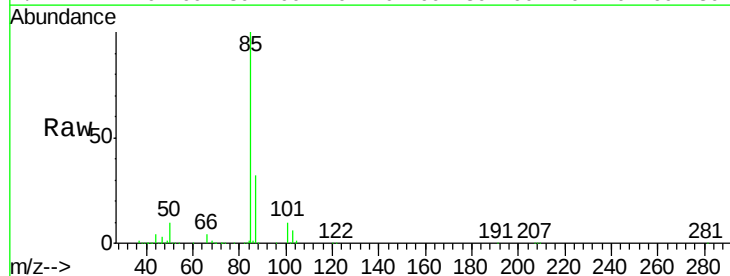
Acq: 27 May 2020 17:30

Tgt Ion: 85 Resp: 165804

Ion Ratio Lower Upper

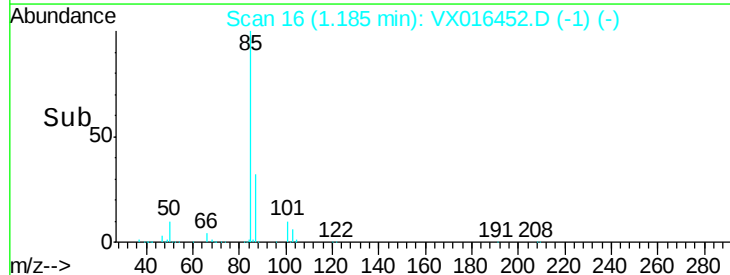
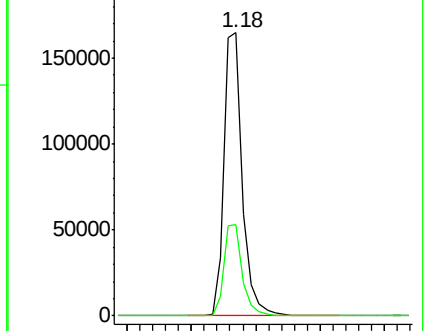
85 100

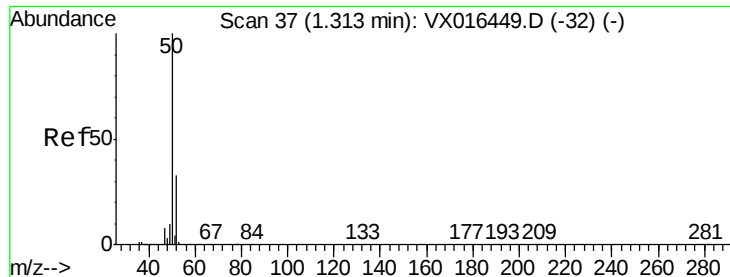
87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

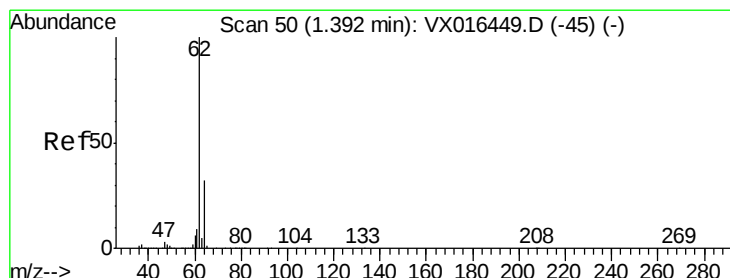
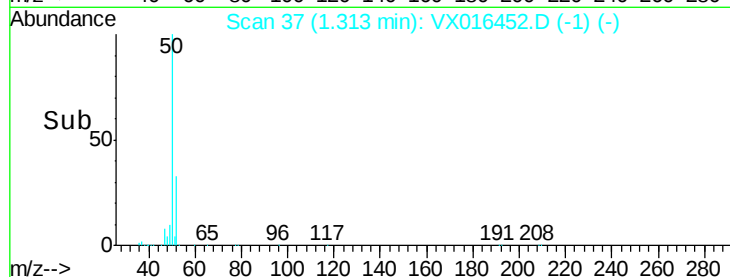
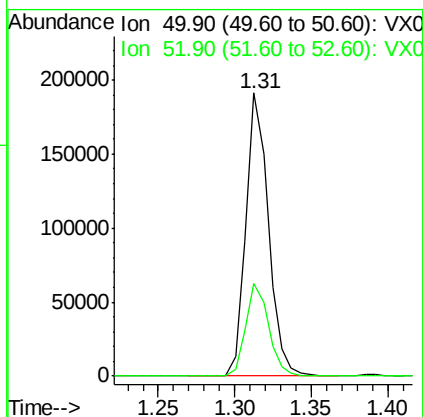
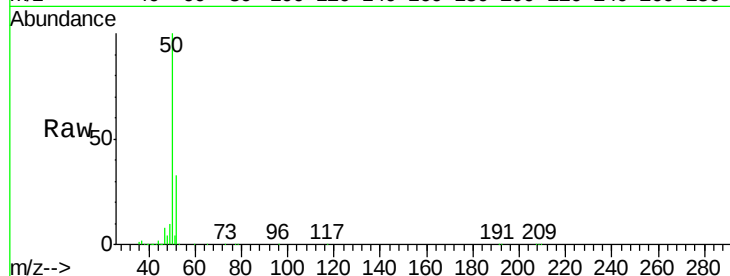




#3
Chloromethane
Concen: 50.850 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

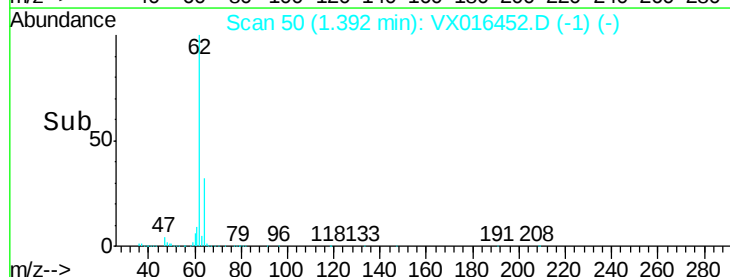
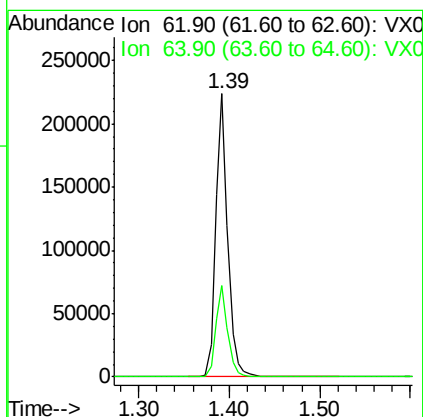
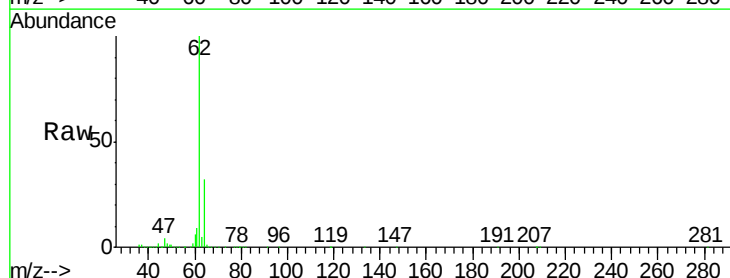
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

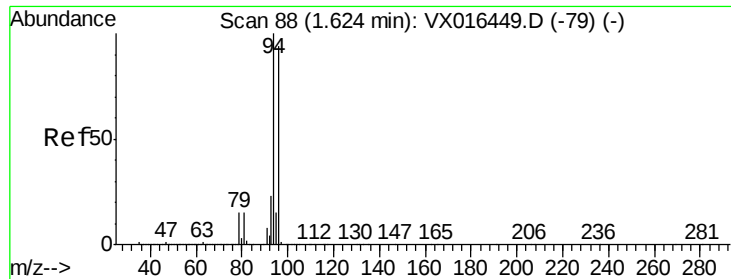
Tot Ion: 50 Resp: 195697
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.2



#4
Vinyl Chloride
Concen: 51.194 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion: 62 Resp: 208354
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9





#5

Bromomethane

Concen: 48.930 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

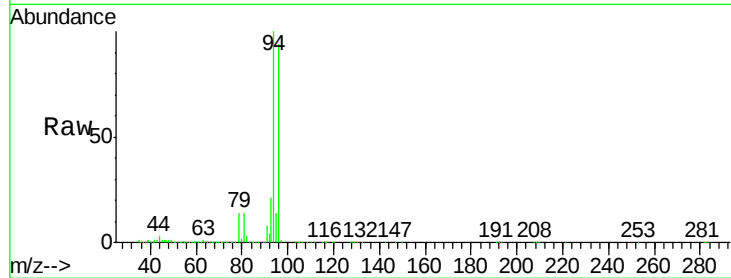
ICVVX052720

Tot Ion: 94 Resp: 96827

Ion Ratio Lower Upper

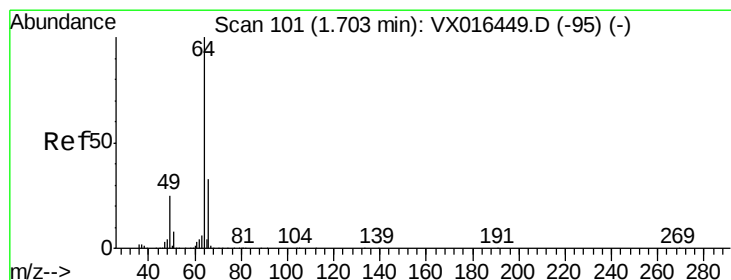
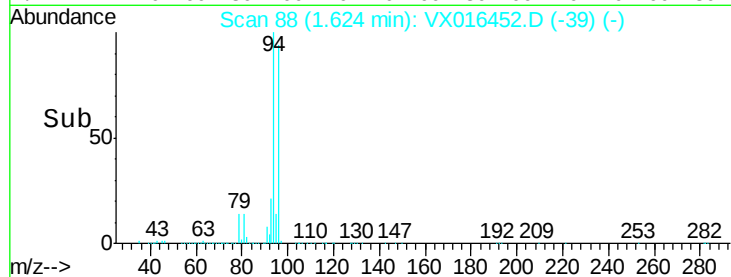
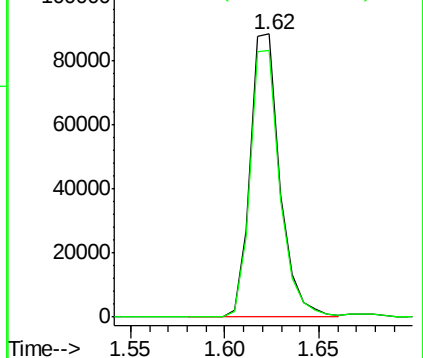
94 100

96 94.4 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.946 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016452.D

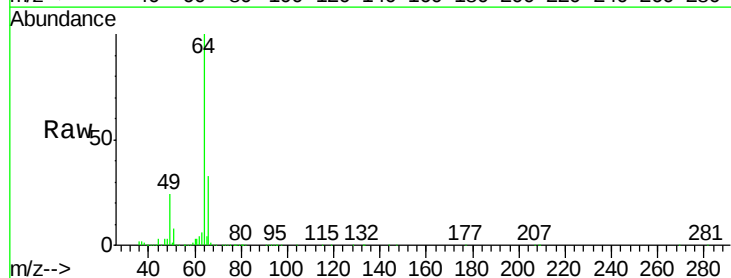
Acq: 27 May 2020 17:30

Tgt Ion: 64 Resp: 125699

Ion Ratio Lower Upper

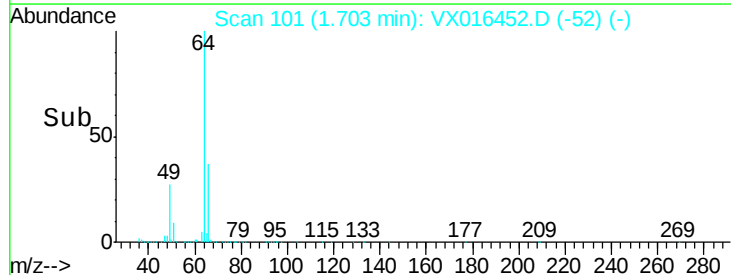
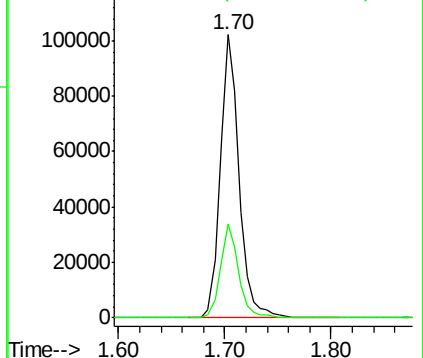
64 100

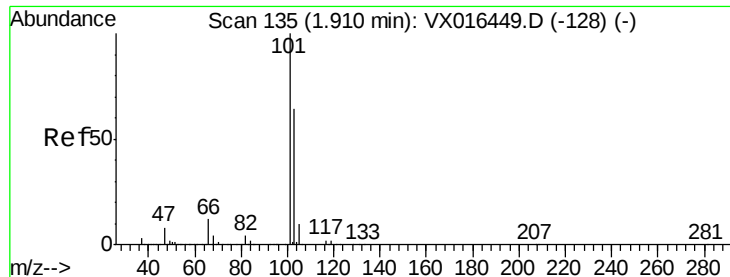
66 33.0 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



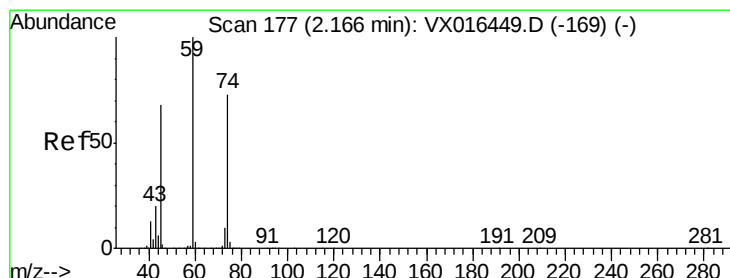
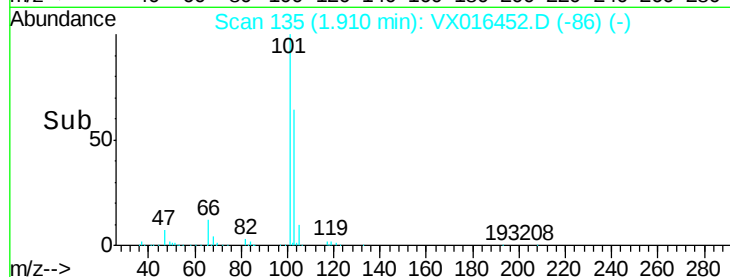
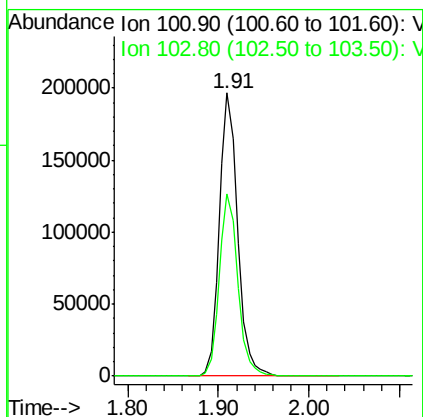
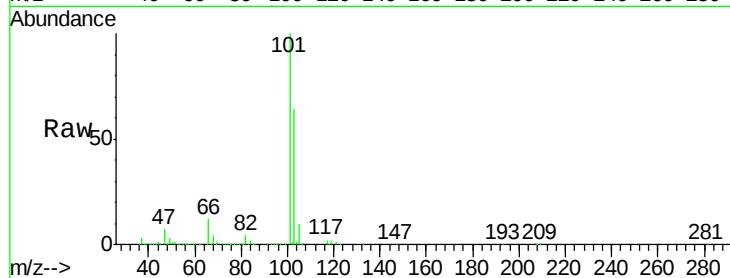


#7

Trichlorofluoromethane
Concen: 51.847 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Instrument :
MSVOA_X
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ICVVX052720

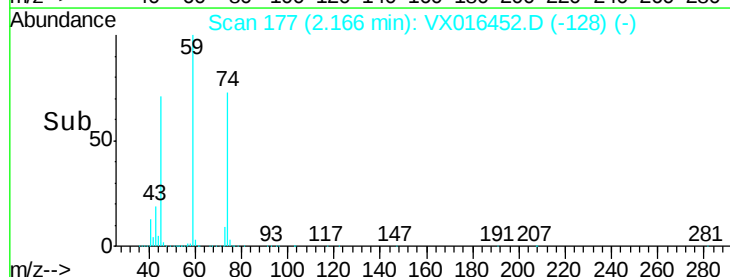
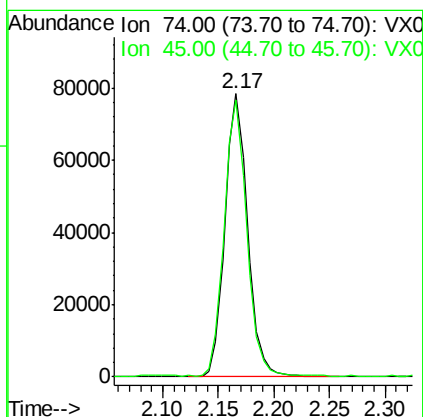
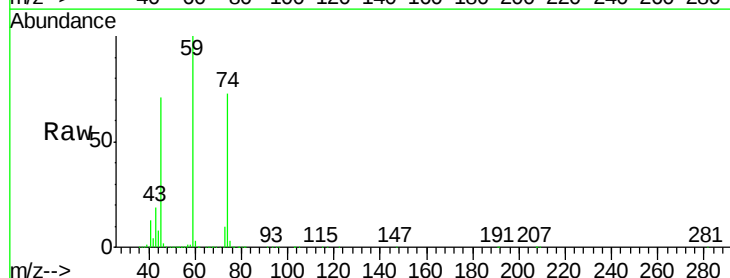
Tot Ion:101 Resp: 277120
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3



#8

Diethyl Ether
Concen: 49.613 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion: 74 Resp: 110574
Ion Ratio Lower Upper
74 100
45 97.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.893 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVX052720

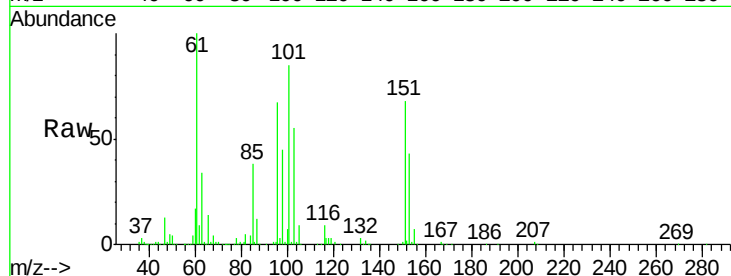
Tot Ion:101 Resp: 152652

Ion Ratio Lower Upper

101 100

85 43.9 34.4 51.6

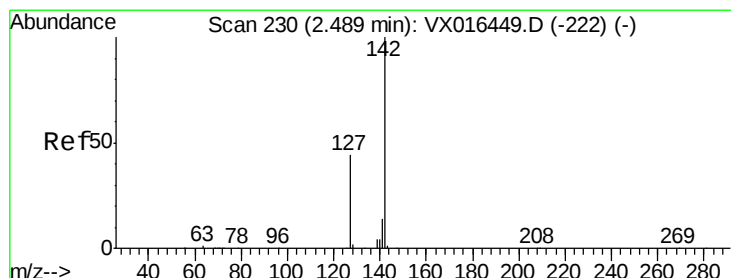
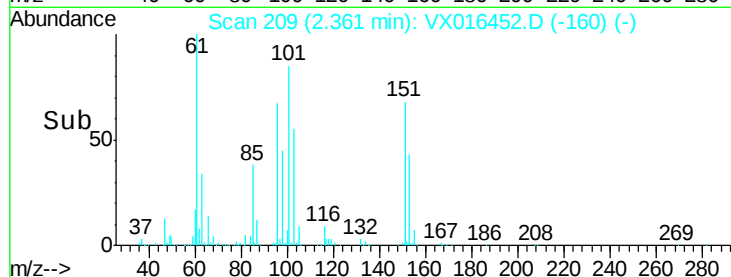
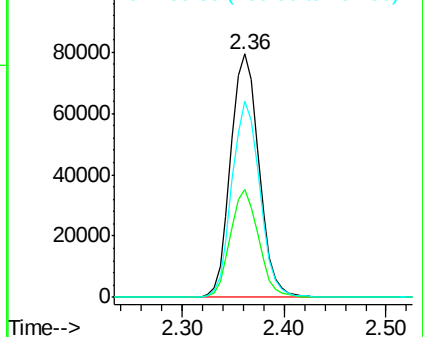
151 79.8 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.538 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

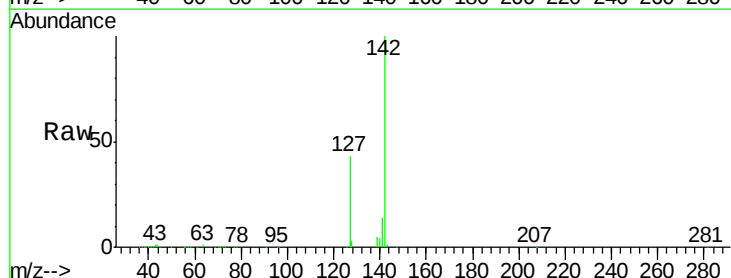
Tgt Ion:142 Resp: 151536

Ion Ratio Lower Upper

142 100

127 43.6 35.3 52.9

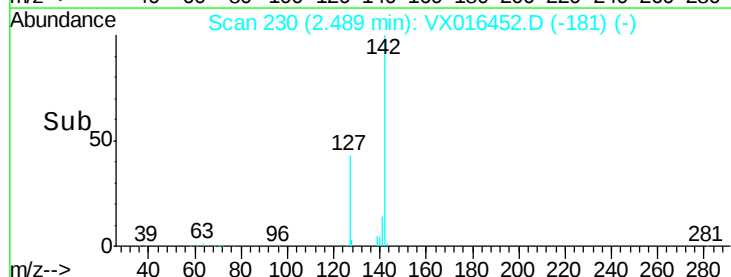
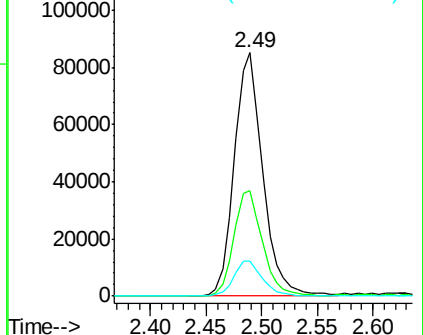
141 14.5 11.4 17.2

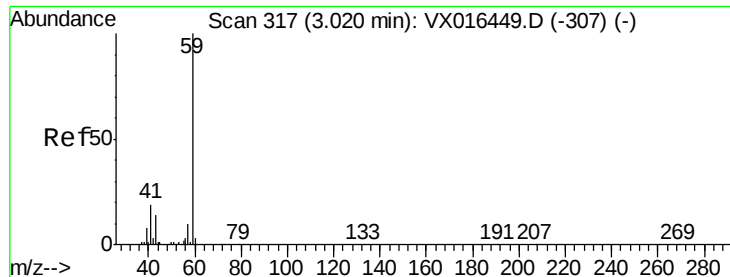


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



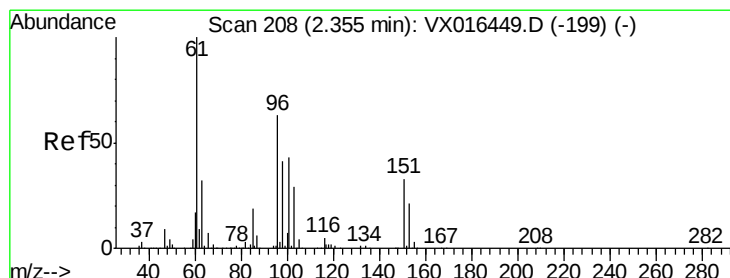
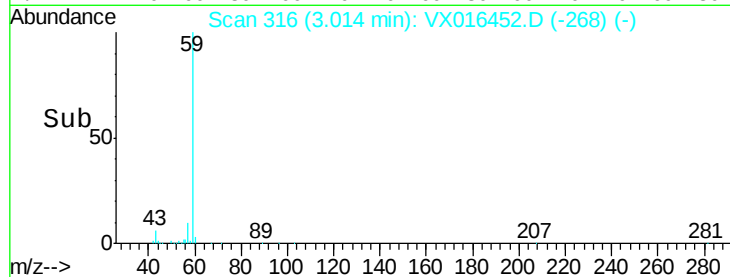
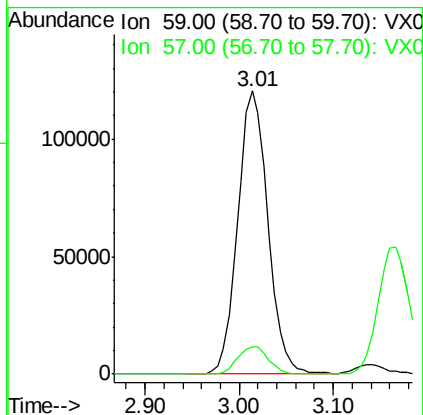
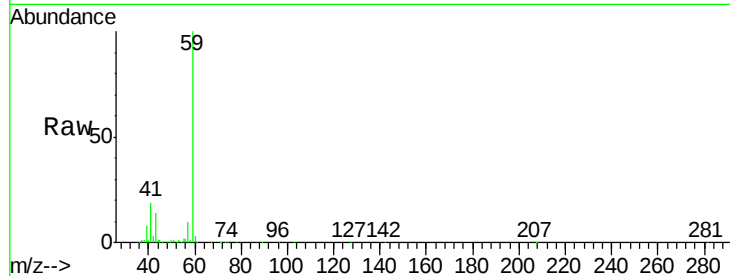


#11

Tert butyl alcohol
 Concen: 261.875 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

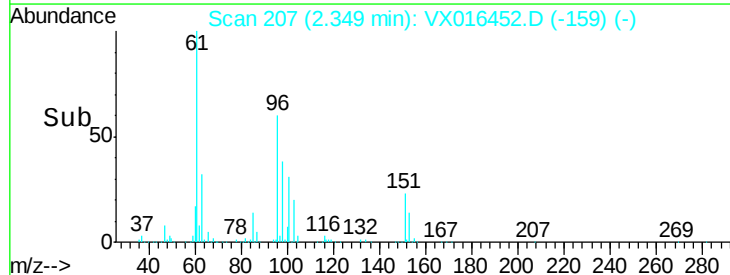
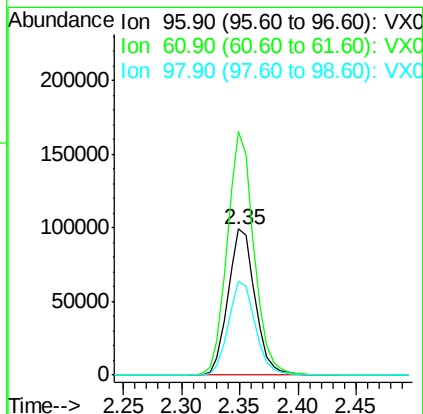
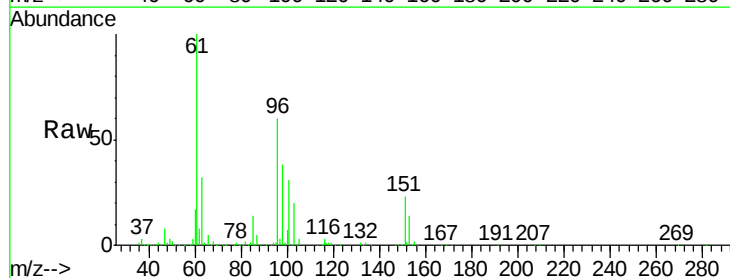
Tot Ion: 59 Resp: 269872
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

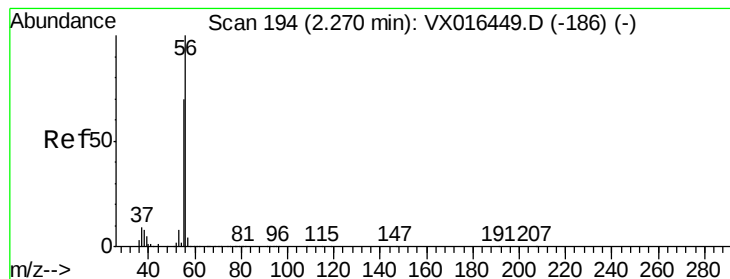


#12

1,1-Dichloroethene
 Concen: 51.233 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion: 96 Resp: 159528
 Ion Ratio Lower Upper
 96 100
 61 166.9 126.6 189.8
 98 64.2 51.3 76.9





#13

Acrolein

Concen: 188.381 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

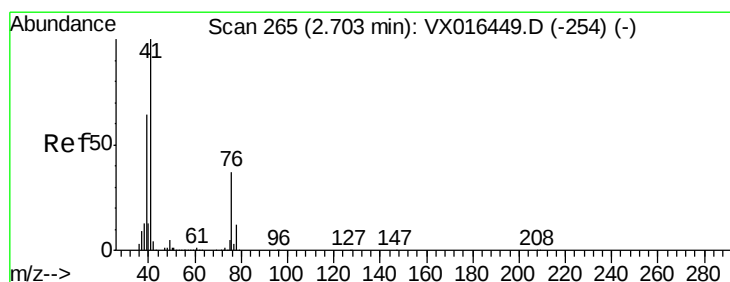
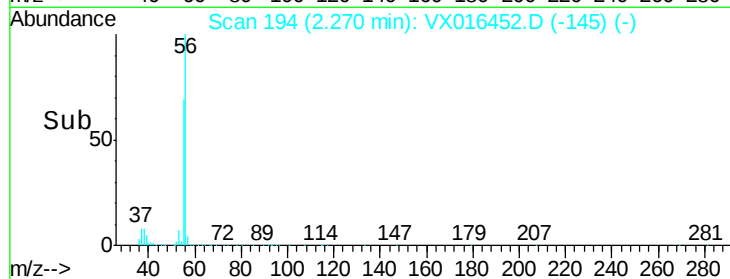
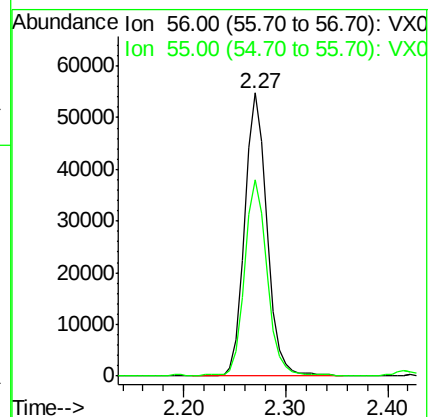
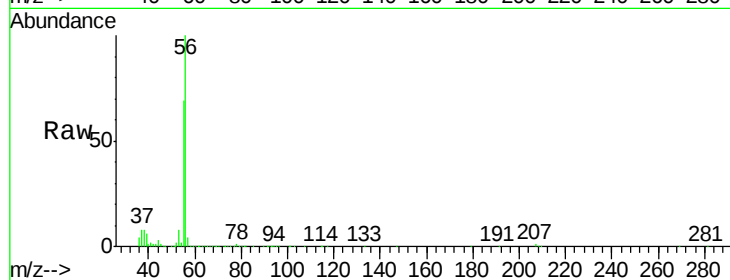
ICVVX052720

Tot Ion: 56 Resp: 82582

Ion Ratio Lower Upper

56 100

55 70.2 58.3 87.5



#14

Allyl chloride

Concen: 52.065 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

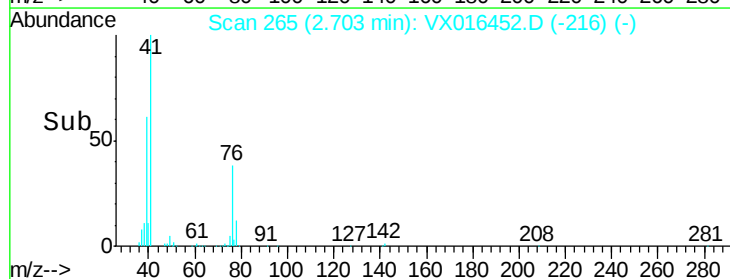
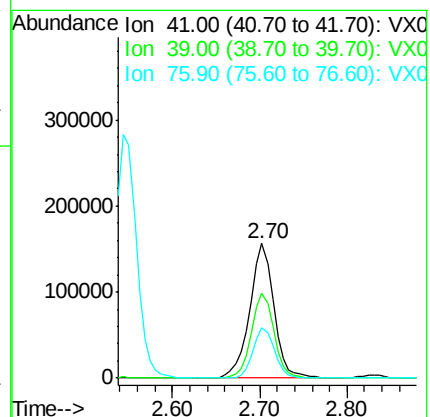
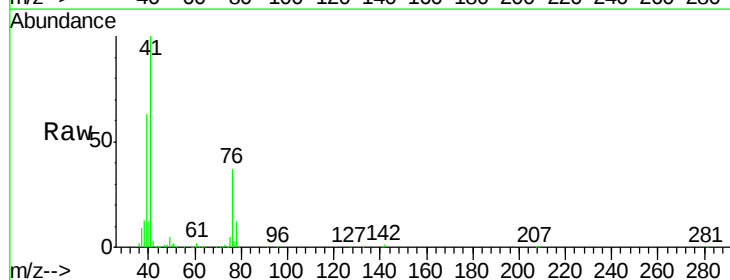
Tgt Ion: 41 Resp: 298148

Ion Ratio Lower Upper

41 100

39 58.9 47.7 71.5

76 33.7 26.6 40.0





#15

Acrylonitrile

Concen: 263.312 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVX052720

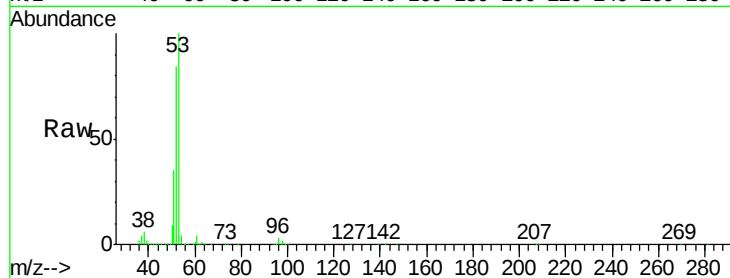
Tot Ion: 53 Resp: 555848

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

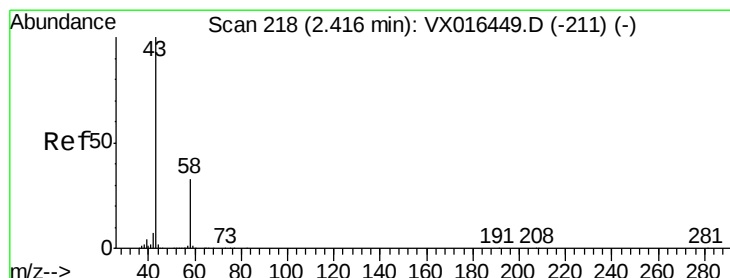
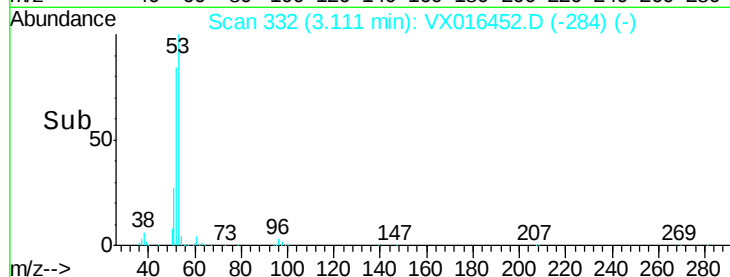
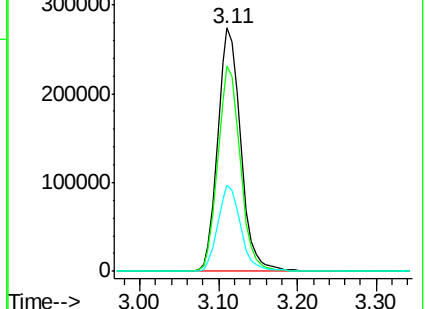
51 35.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 263.850 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016452.D

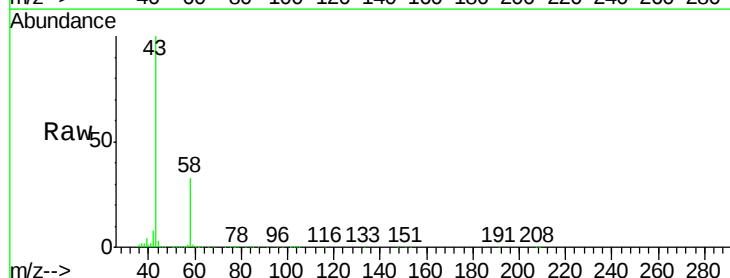
Acq: 27 May 2020 17:30

Tgt Ion: 43 Resp: 464564

Ion Ratio Lower Upper

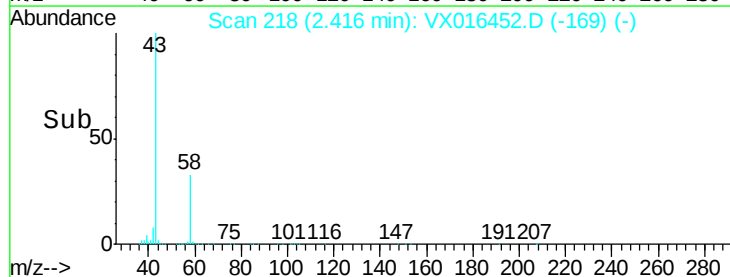
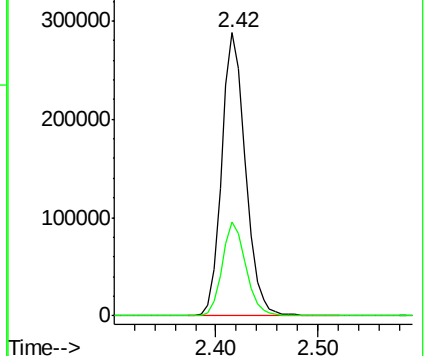
43 100

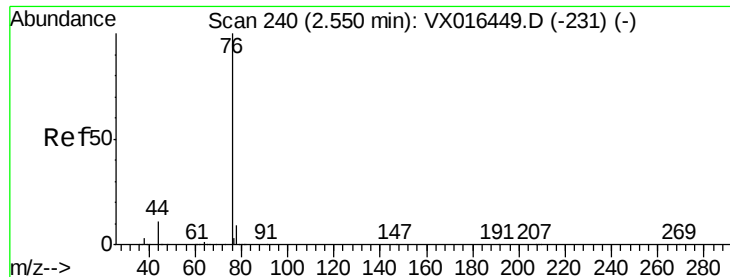
58 33.1 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.171 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

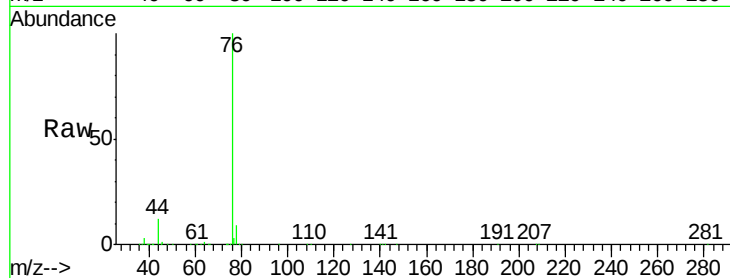
ICVVX052720

Tot Ion: 76 Resp: 473164

Ion Ratio Lower Upper

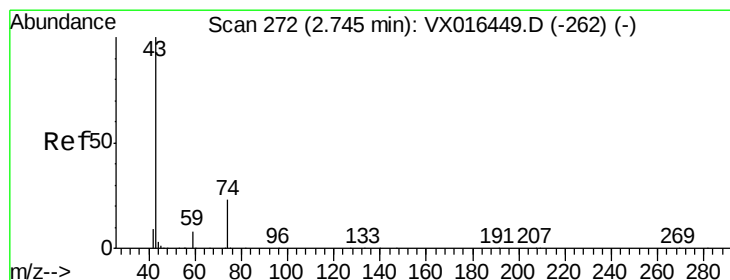
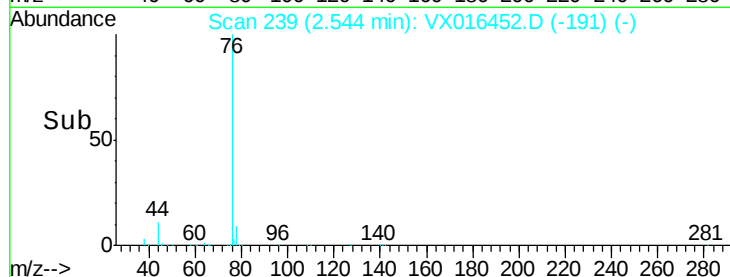
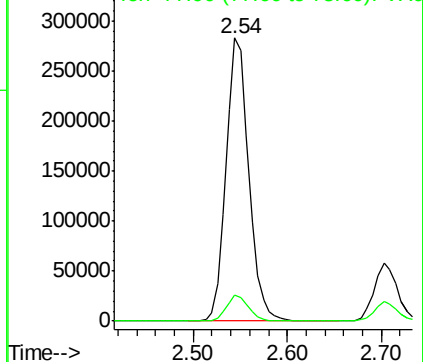
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.354 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016452.D

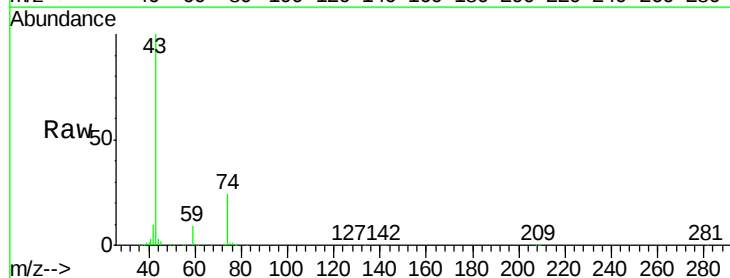
Acq: 27 May 2020 17:30

Tgt Ion: 43 Resp: 236423

Ion Ratio Lower Upper

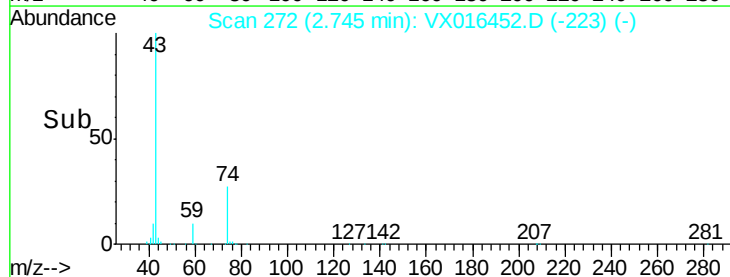
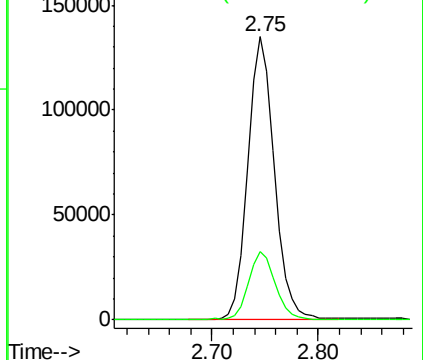
43 100

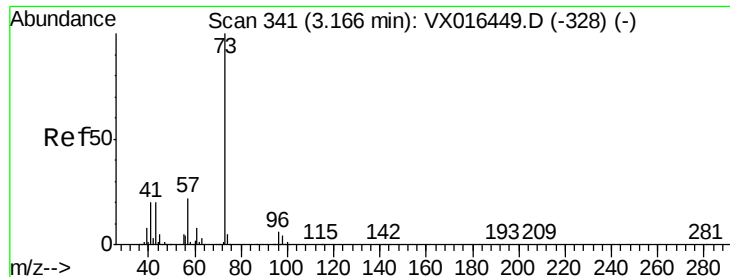
74 24.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



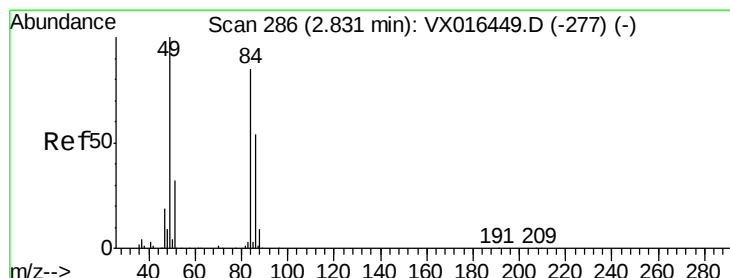
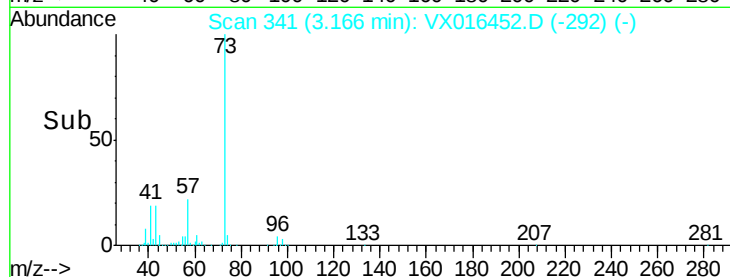
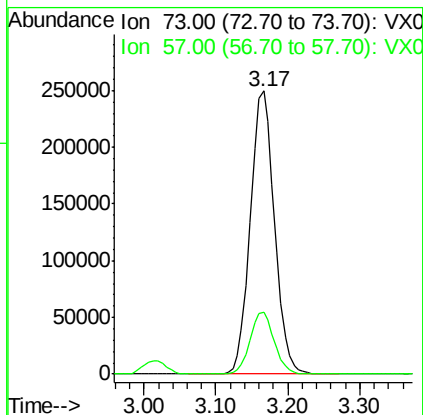
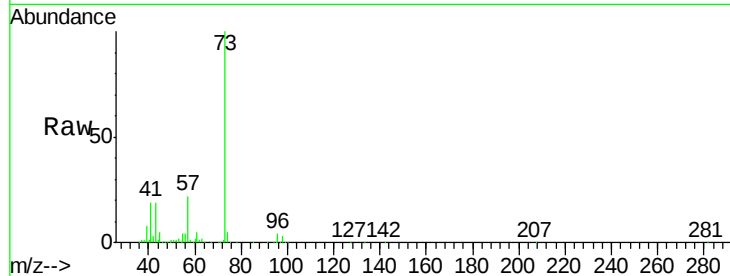


#19

Methyl tert-butyl Ether
 Concen: 52.150 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX052720

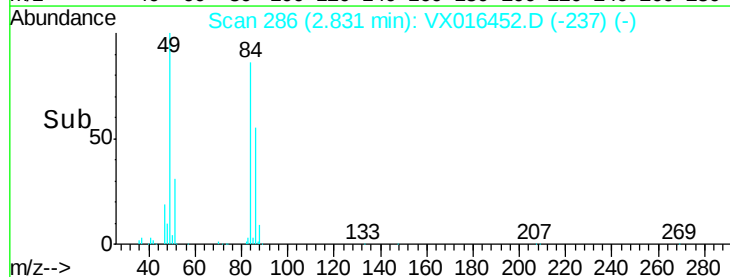
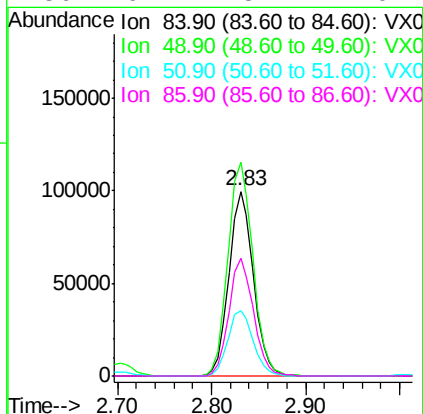
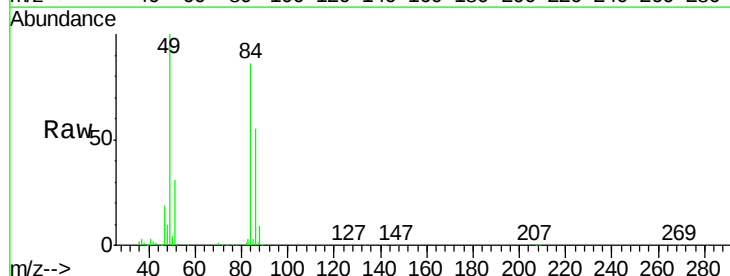
Tot Ion: 73 Resp: 583099
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6



#20

Methylene Chloride
 Concen: 49.388 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion: 84 Resp: 179914
 Ion Ratio Lower Upper
 84 100
 49 115.7 94.5 141.7
 51 35.5 30.2 45.4
 86 64.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 51.546 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

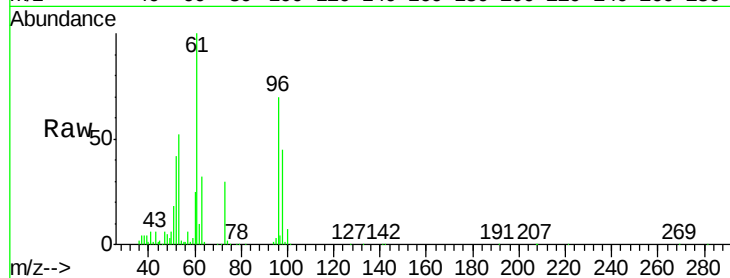
Tot Ion: 96 Resp: 177535

Ion Ratio Lower Upper

96 100

61 142.5 115.3 172.9

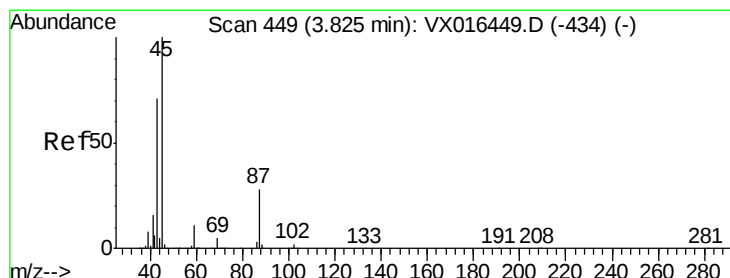
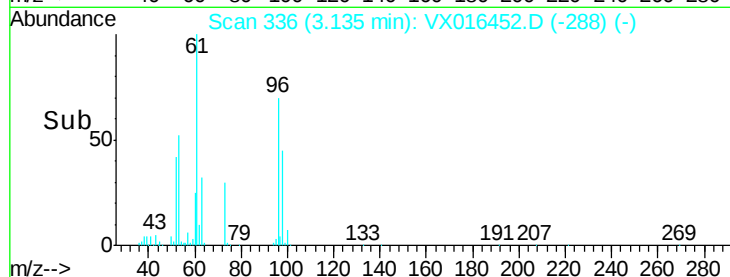
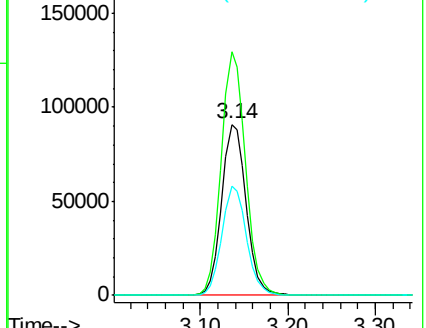
98 64.0 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.066 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Tgt Ion: 45 Resp: 572763

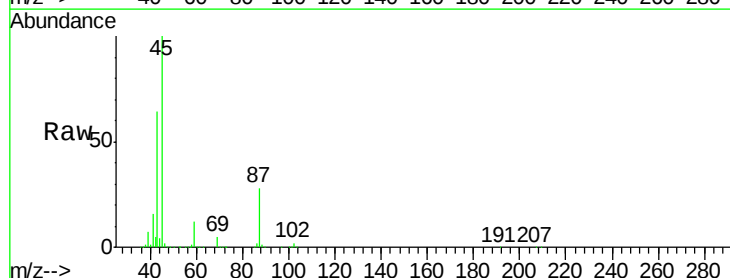
Ion Ratio Lower Upper

45 100

43 63.5 57.0 85.6

87 27.7 22.5 33.7

59 12.2 9.1 13.7

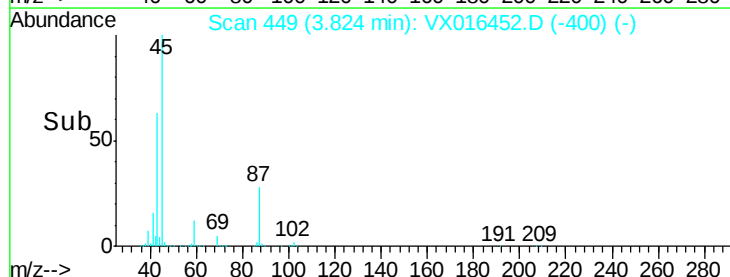
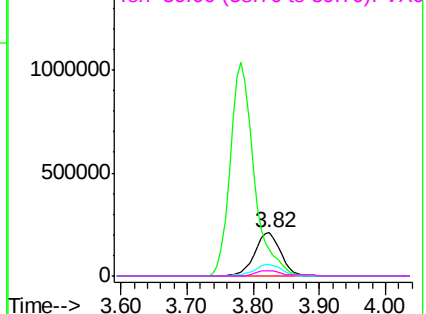


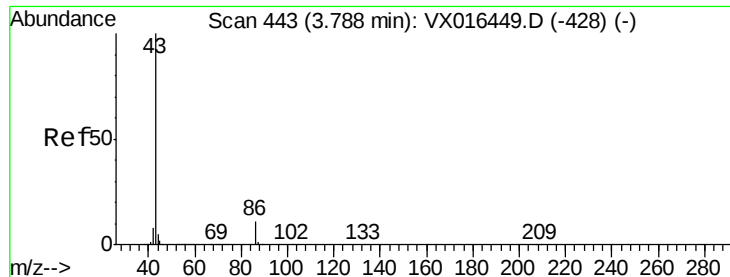
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.826 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

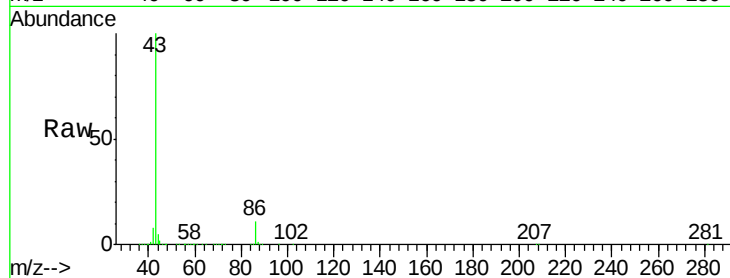
ICVVX052720

Tot Ion: 43 Resp: 2588502

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

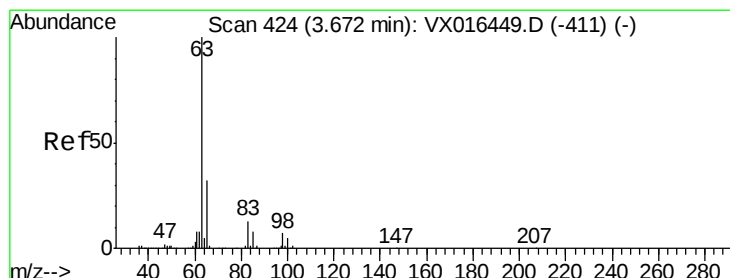
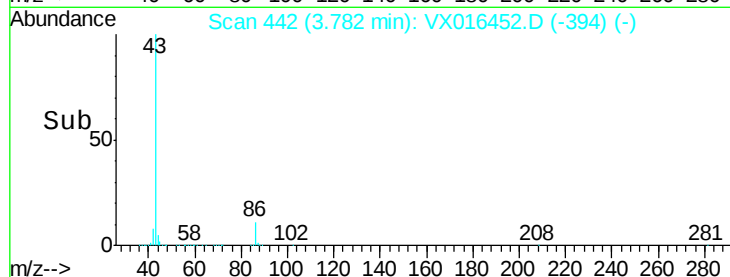
400000

200000

0

3.78

Time--> 3.60 3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 51.502 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

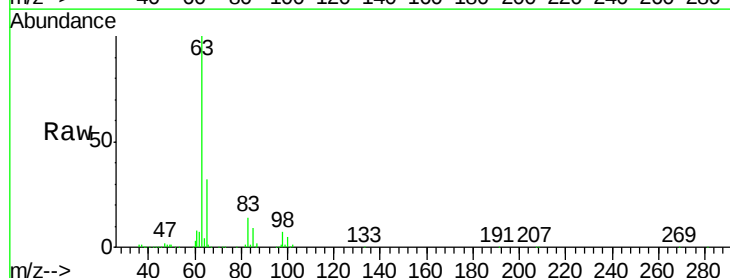
Tgt Ion: 63 Resp: 319771

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

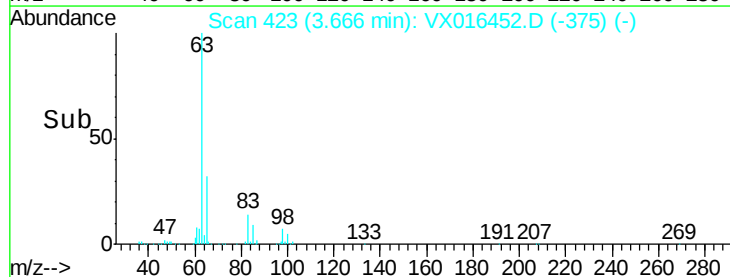
100000

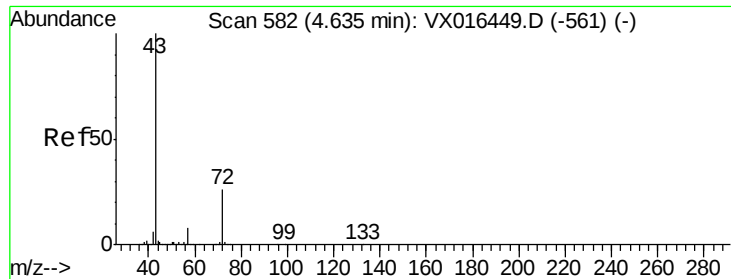
50000

0

3.67

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 260.805 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

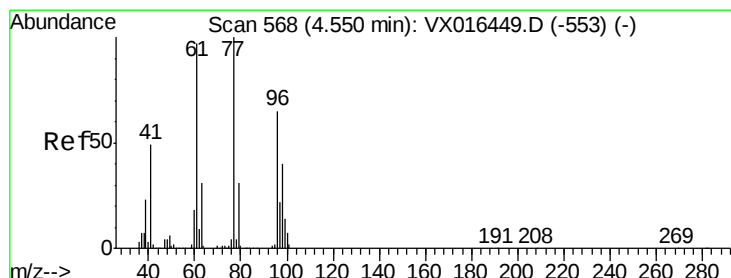
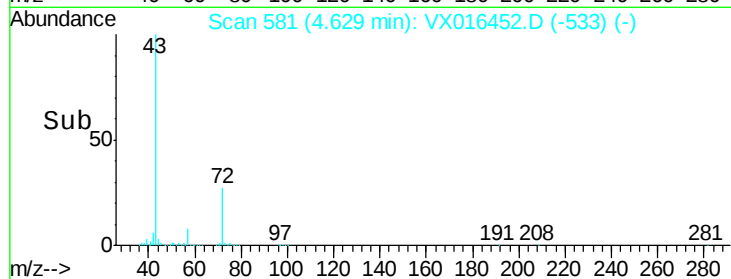
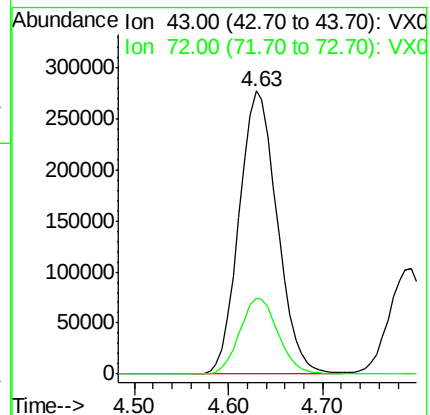
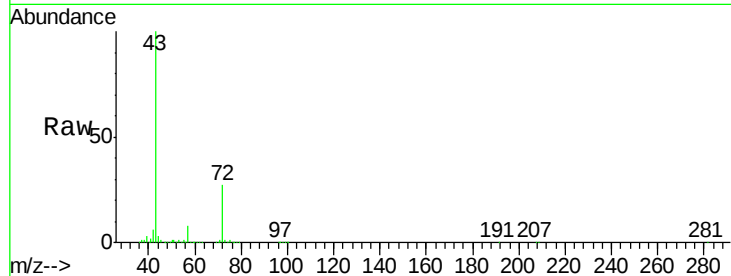
ICVVX052720

Tot Ion: 43 Resp: 778101

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 57.139 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016452.D

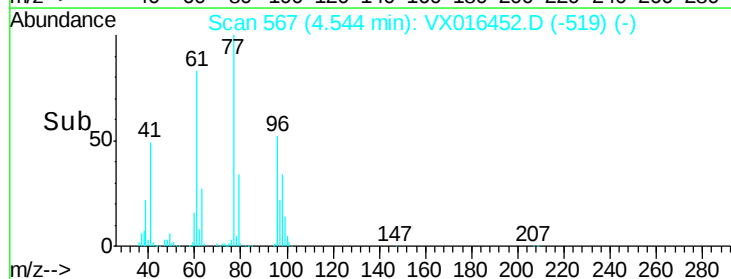
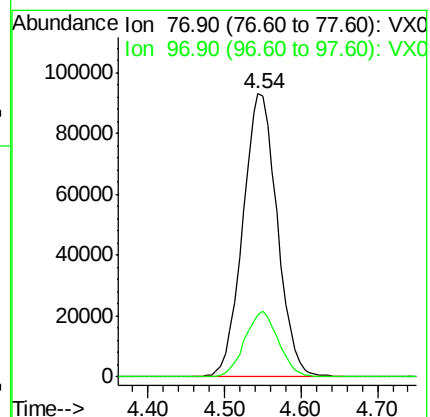
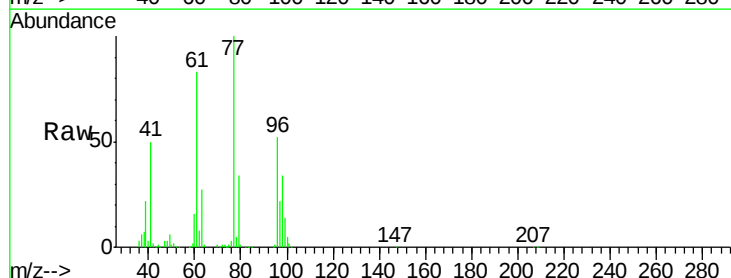
Acq: 27 May 2020 17:30

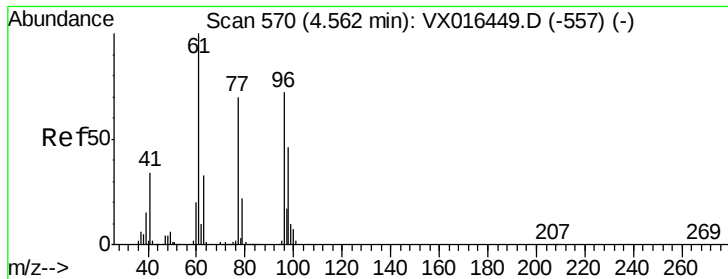
Tgt Ion: 77 Resp: 290305

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



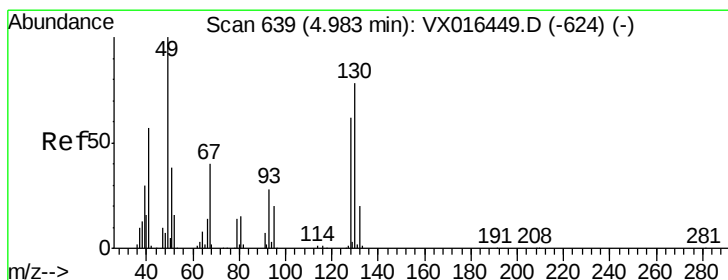
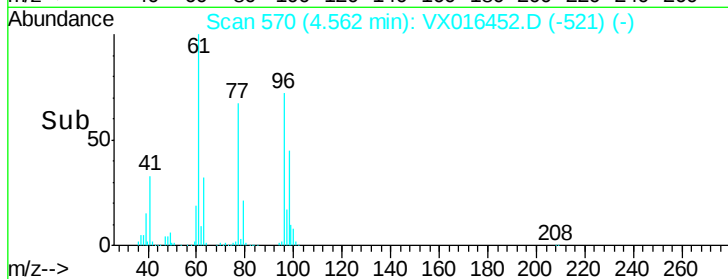
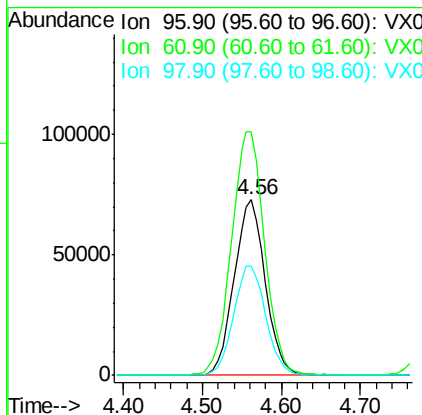
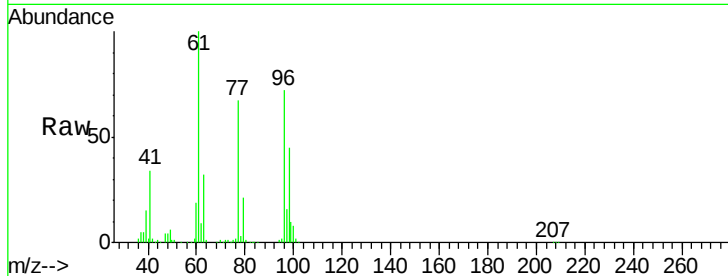


#27

cis-1,2-Dichloroethene
Concen: 50.285 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

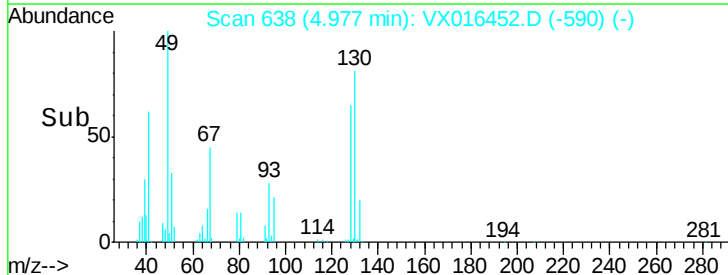
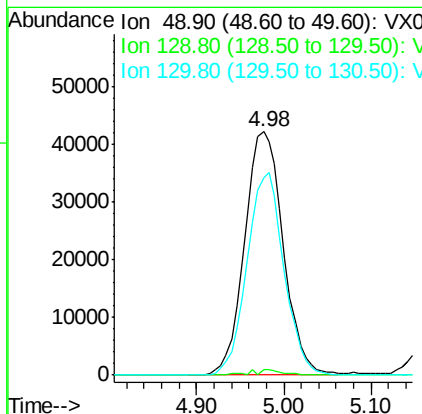
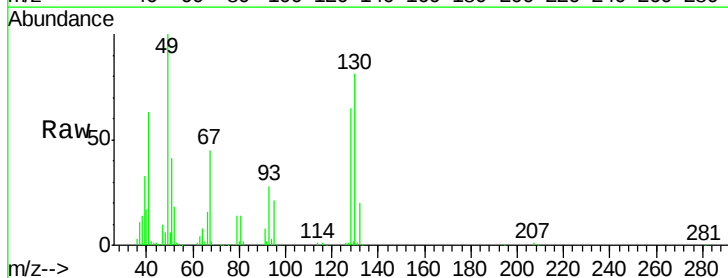
Tot Ion	96	Resp	200361
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	284.6
98	64.4	0.0	127.2

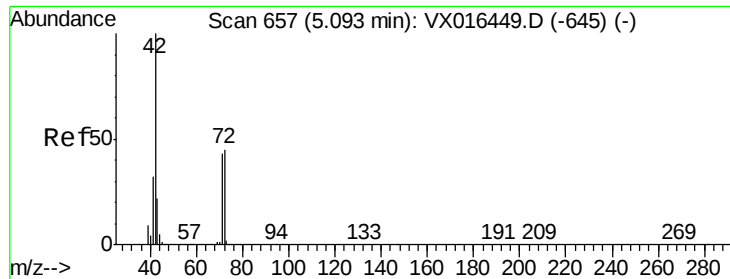


#28

Bromochloromethane
Concen: 44.759 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion	49	Resp	129142
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	80.1	63.0	94.4





#29

Tetrahydrofuran

Concen: 267.088 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

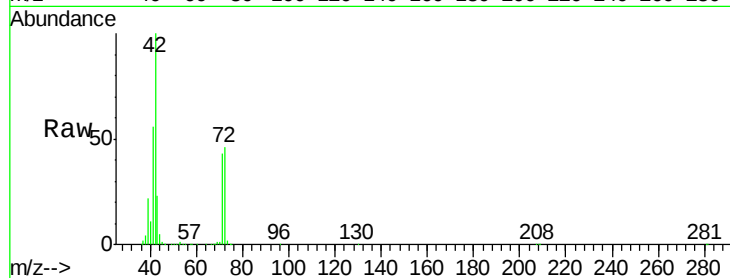
Tot Ion: 42 Resp: 514801

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.4

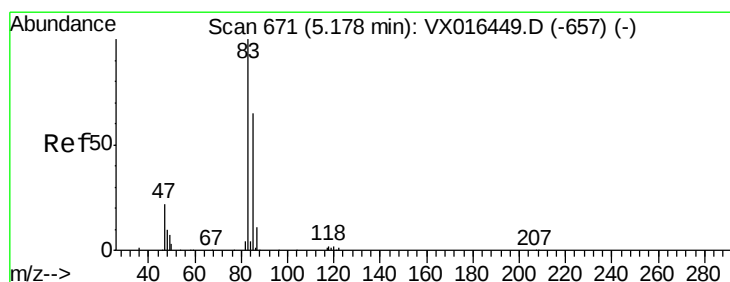
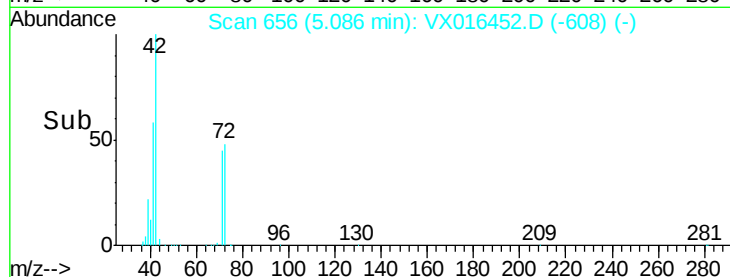
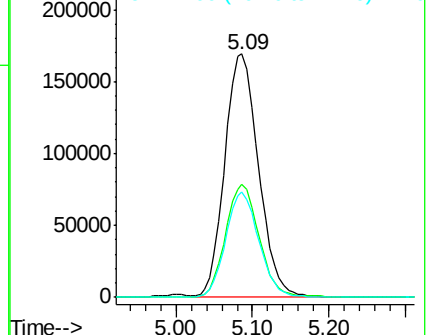
71 42.8 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.616 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016452.D

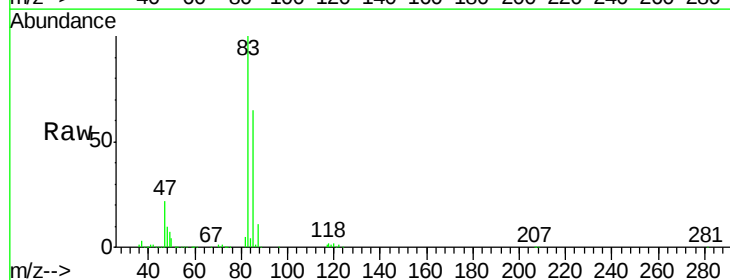
Acq: 27 May 2020 17:30

Tgt Ion: 83 Resp: 316664

Ion Ratio Lower Upper

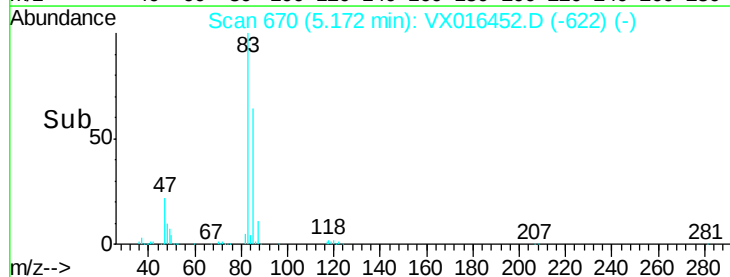
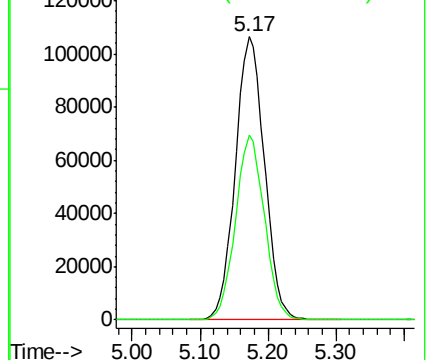
83 100

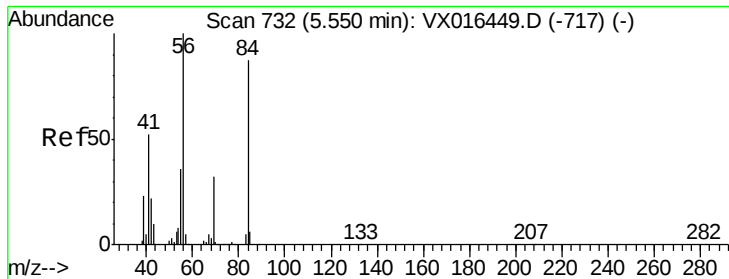
85 65.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

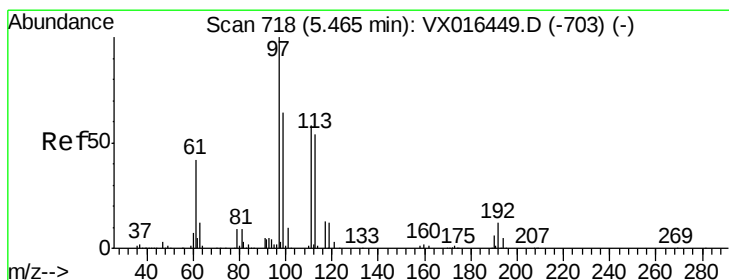
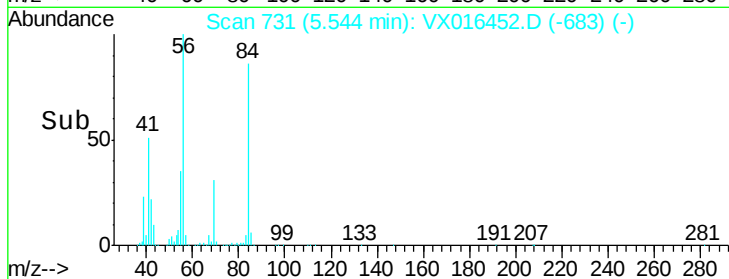
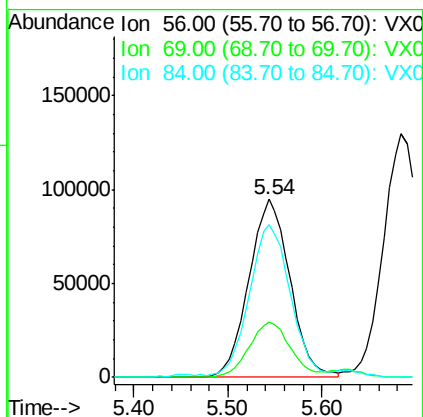
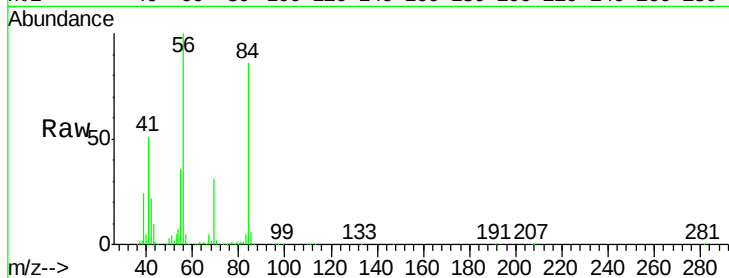




#31
Cyclohexane
Concen: 51.836 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

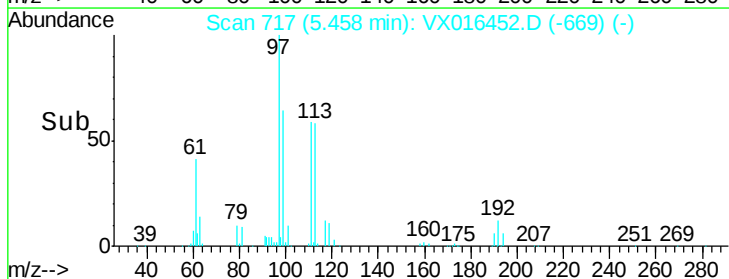
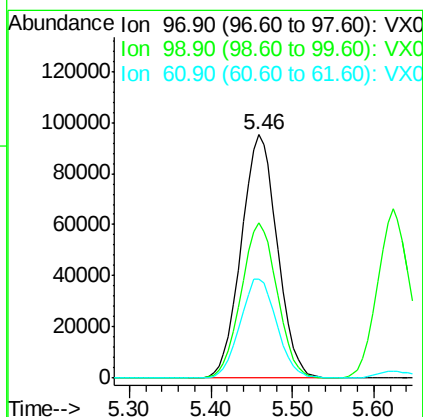
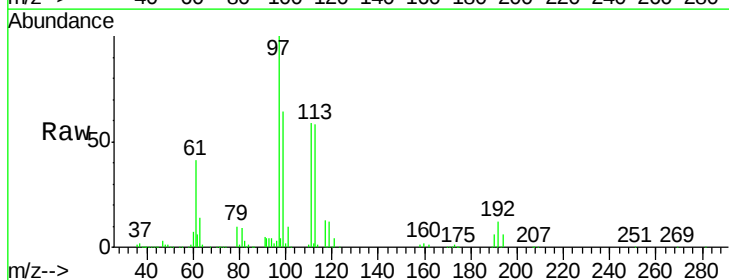
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

Tot Ion: 56 Resp: 289545
Ion Ratio Lower Upper
56 100
69 31.1 25.7 38.5
84 84.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.509 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion: 97 Resp: 291746
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 41.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 49.394 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

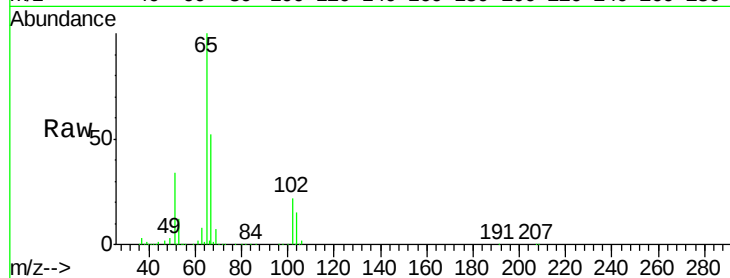
ICVVX052720

Tot Ion: 65 Resp: 198502

Ion Ratio Lower Upper

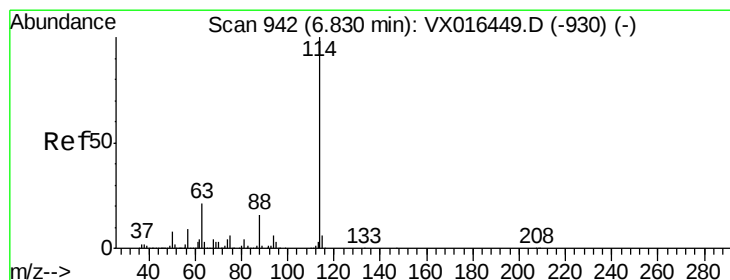
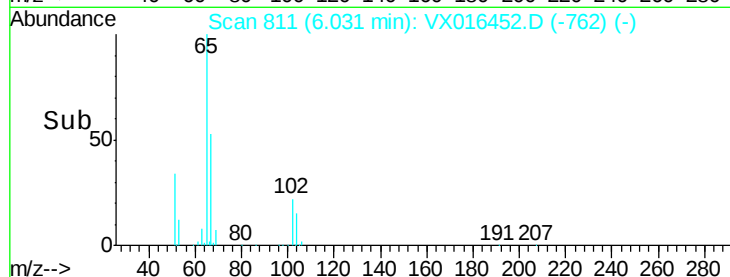
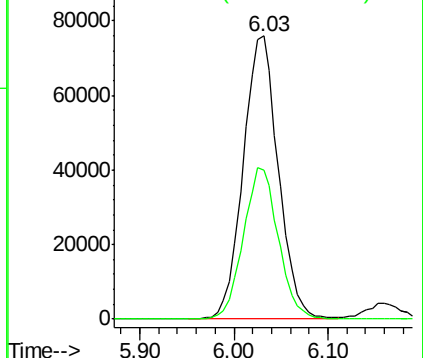
65 100

67 53.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

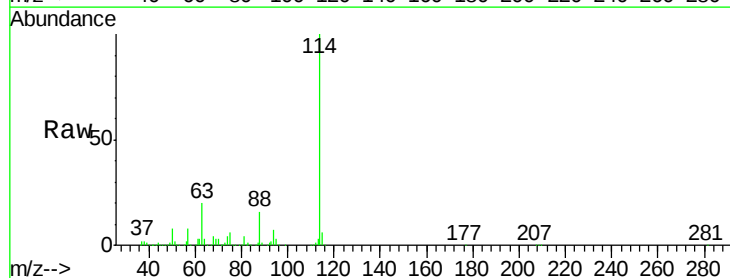
Tgt Ion: 114 Resp: 499430

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

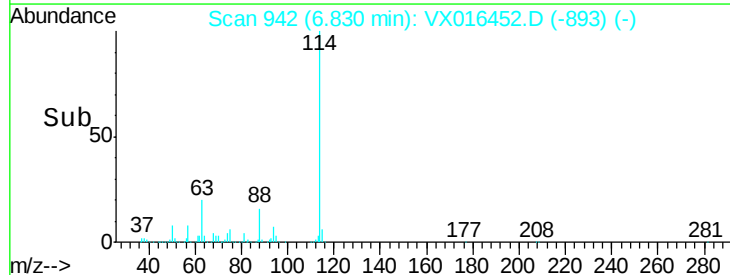
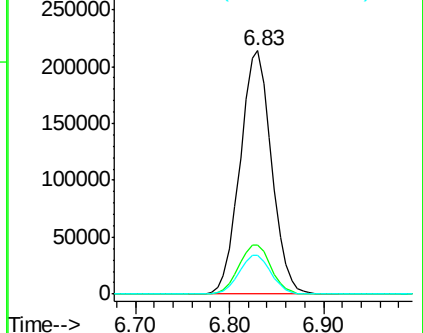
88 15.8 0.0 32.8

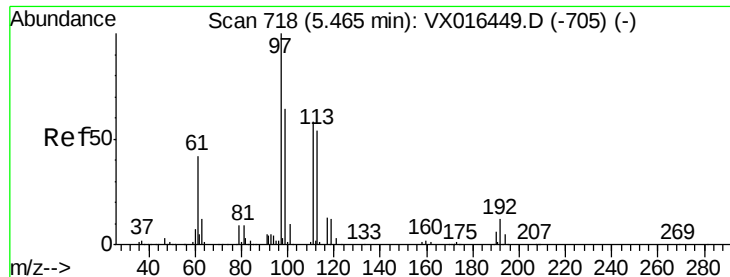


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

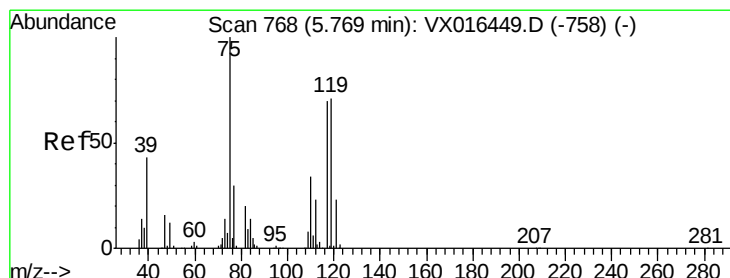
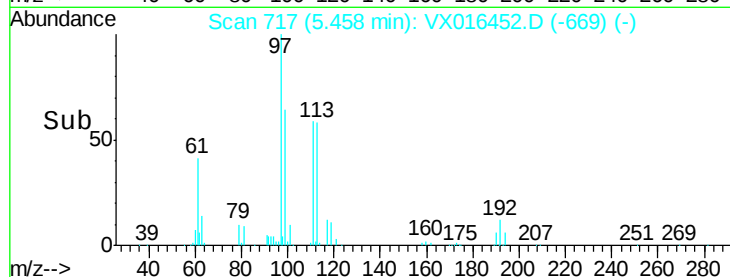
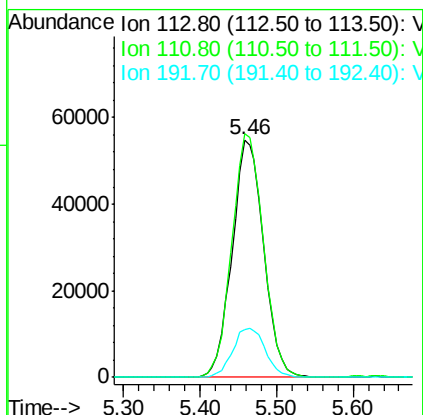
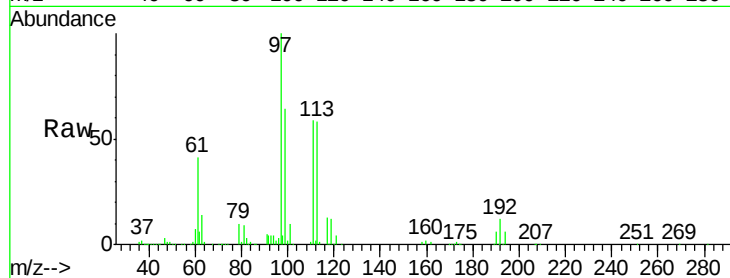




#35
 Dibromofluoromethane
 Concen: 50.700 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

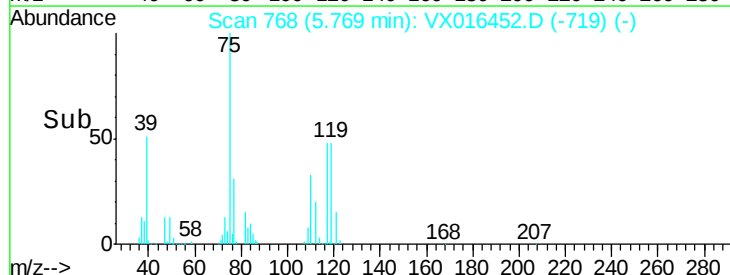
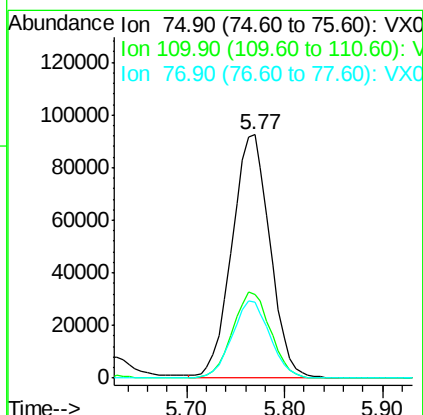
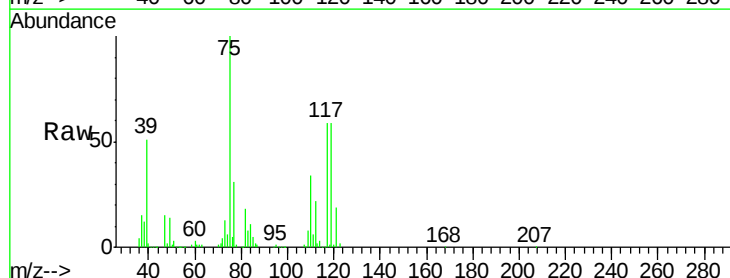
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	21.5	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 52.658 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.4	52.3
77	31.5	24.2	36.4





#37

Ethyl Acetate

Concen: 52.582 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

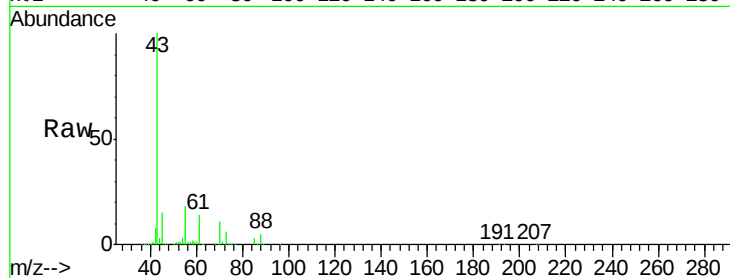
Tot Ion: 43 Resp: 298514

Ion Ratio Lower Upper

43 100

61 14.2 11.3 16.9

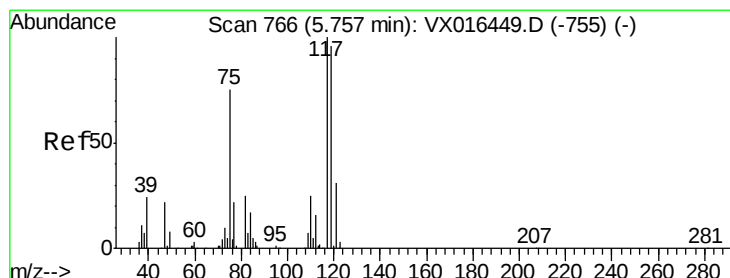
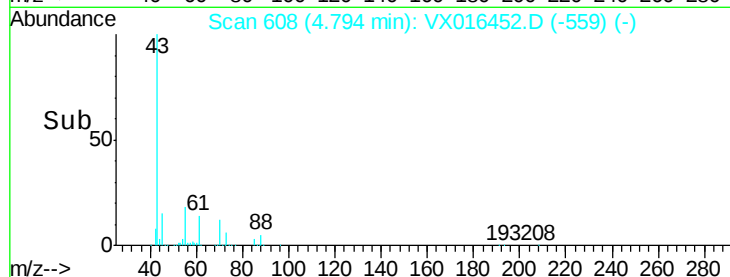
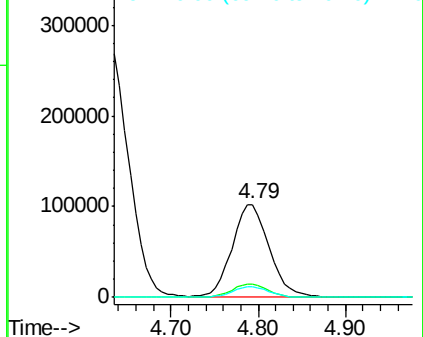
70 11.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 51.751 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

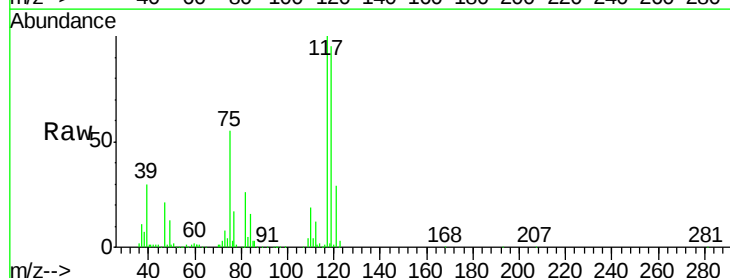
Tgt Ion: 117 Resp: 257168

Ion Ratio Lower Upper

117 100

119 95.2 76.3 114.5

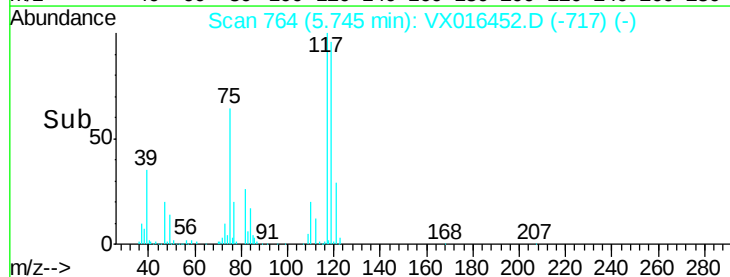
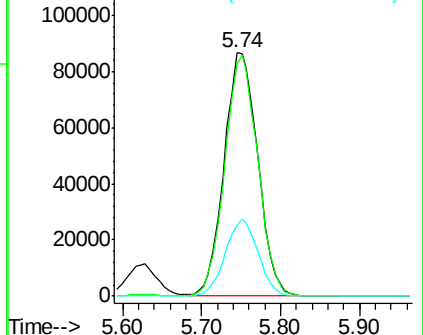
121 29.3 24.6 37.0

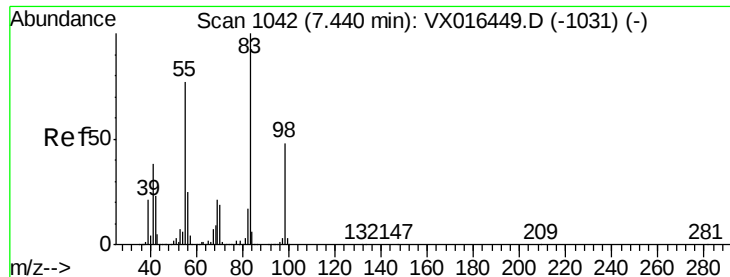


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

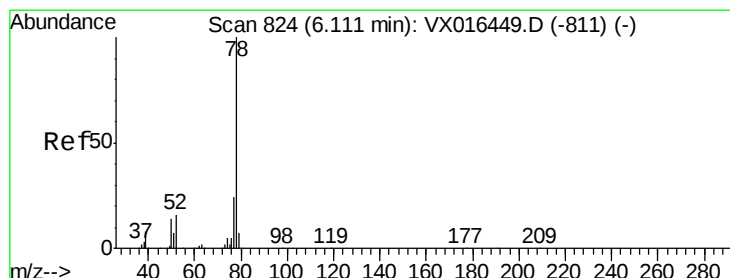
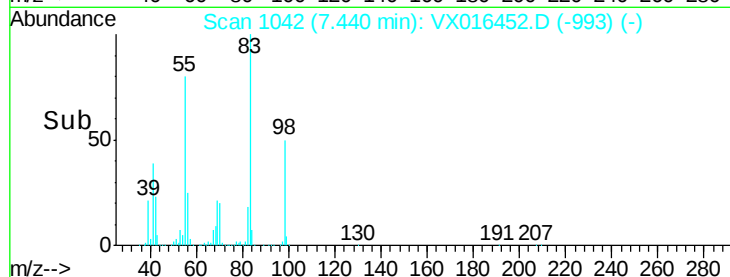
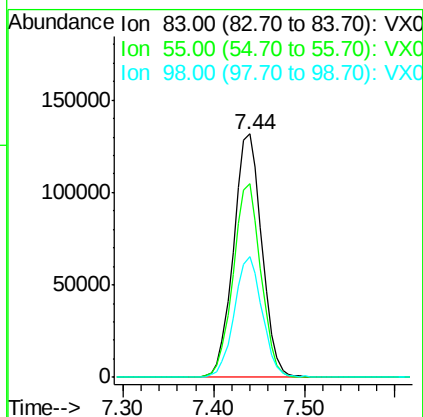
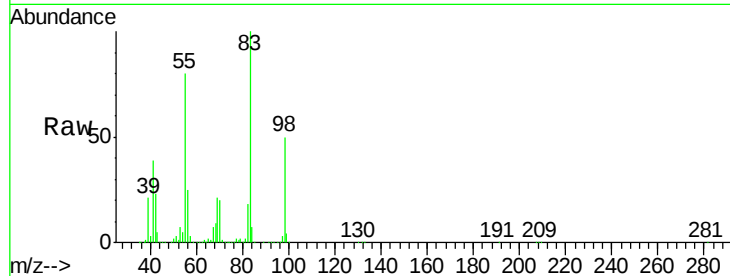




#39
Methvlcvclohexane
Concen: 55.840 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

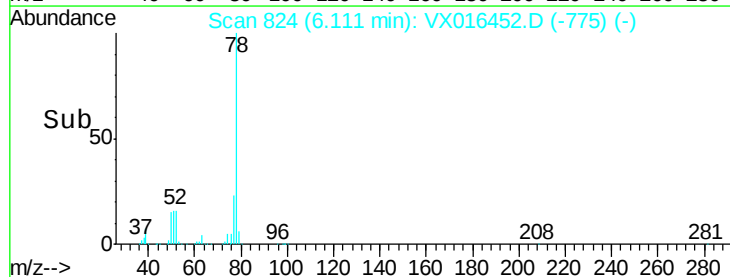
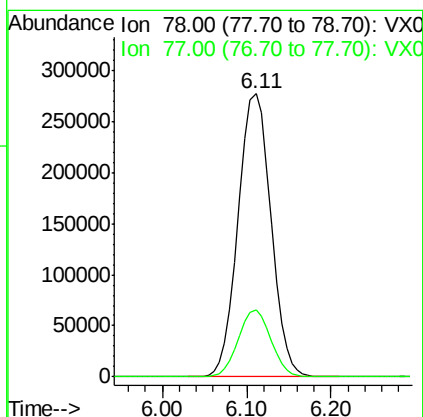
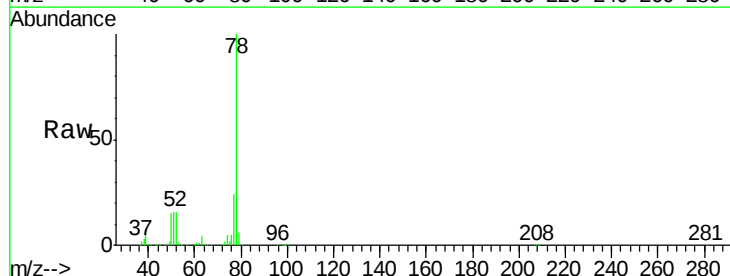
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

Tot Ion: 83 Resp: 286802
Ion Ratio Lower Upper
83 100
55 79.7 61.7 92.5
98 49.7 38.7 58.1



#40
Benzene
Concen: 52.103 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion: 78 Resp: 733697
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

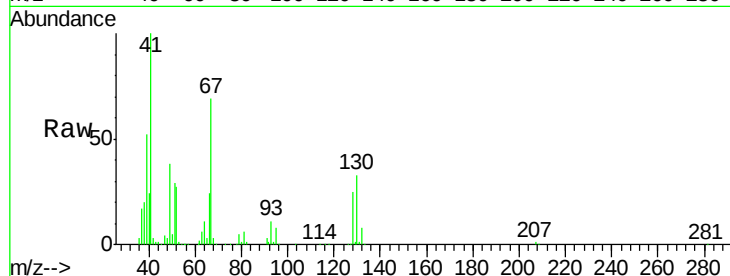




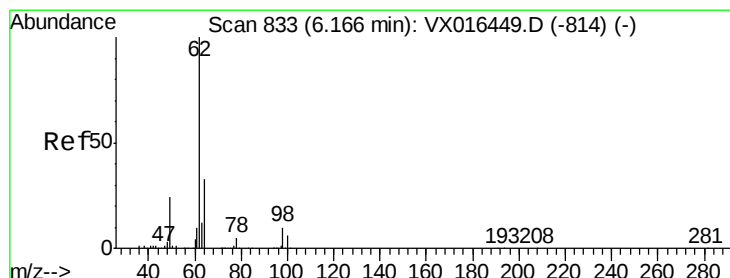
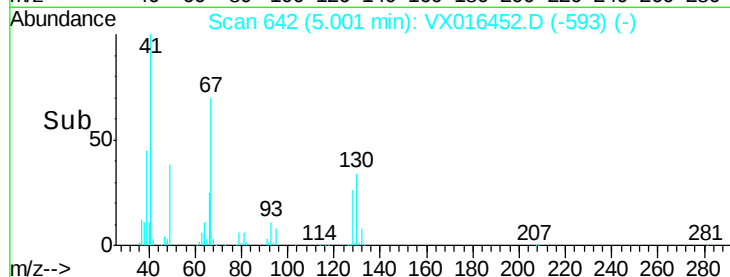
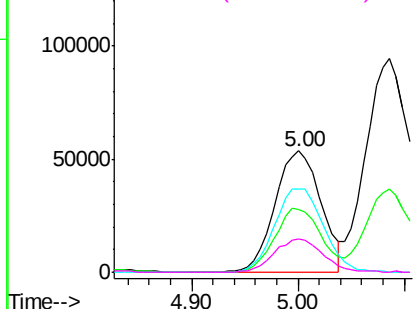
#41
Methacrylonitrile
Concen: 50.941 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Instrument :
MSVOA_X
ClientSampled :
ICVX052720

Tot Ion:	41	Resp:	158854
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.0	64.4
67	74.0	58.9	88.3
52	29.2	23.1	34.7

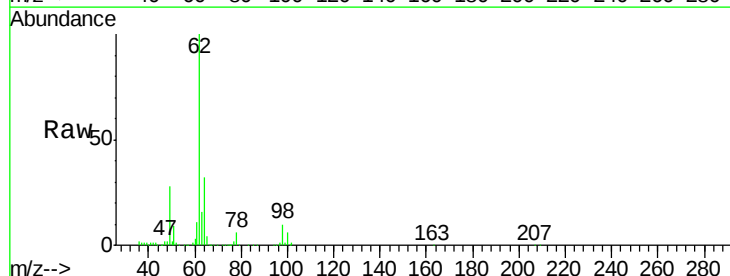


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

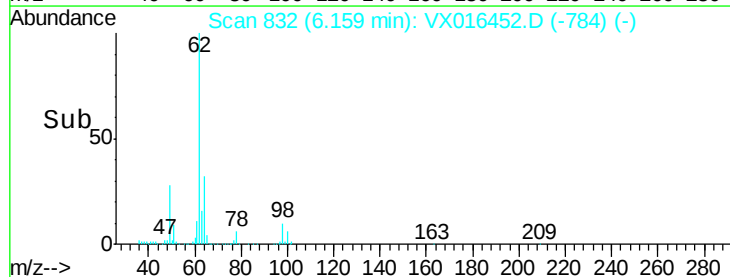
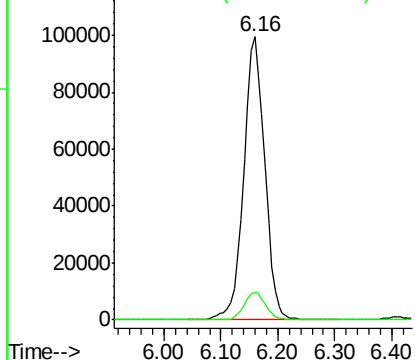


#42
1,2-Dichloroethane
Concen: 51.236 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion:	62	Resp:	256581
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



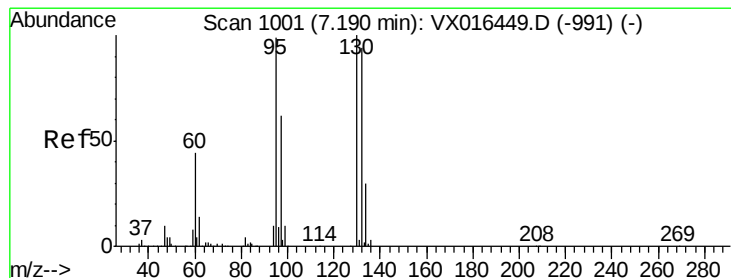
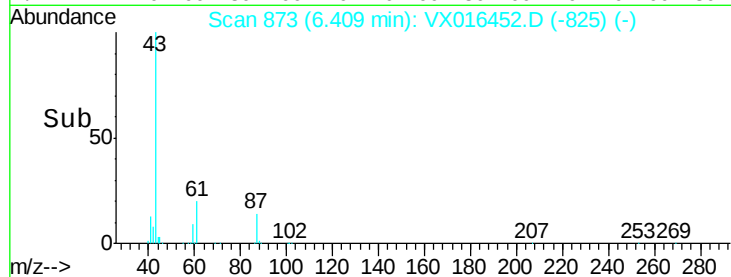
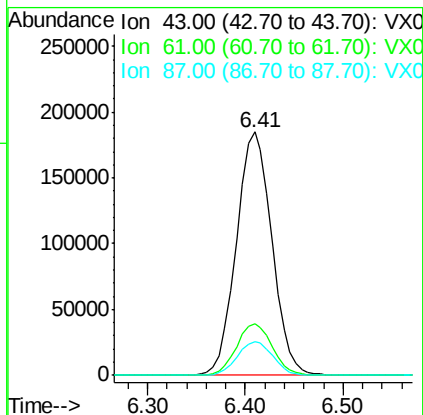
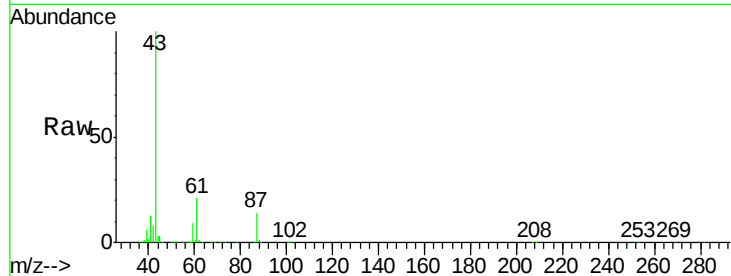


#43

Isopropyl Acetate
 Concen: 52.559 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

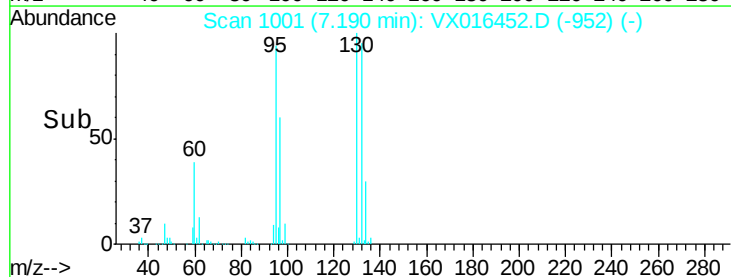
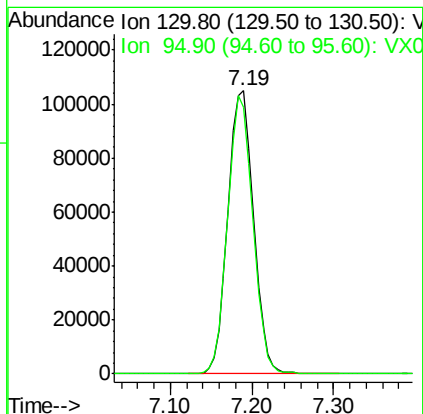
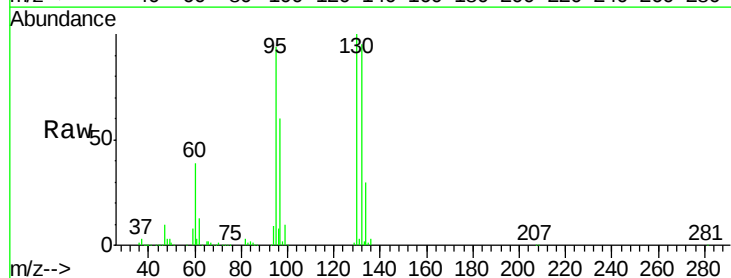
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	14.1	11.2	16.8

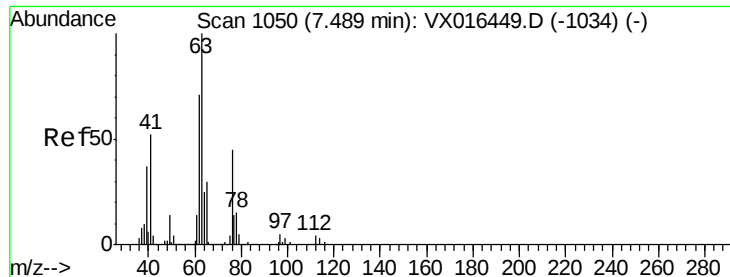


#44

Trichloroethene
 Concen: 51.113 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	198.2





#45

1,2-Dichloropropane

Concen: 52.543 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

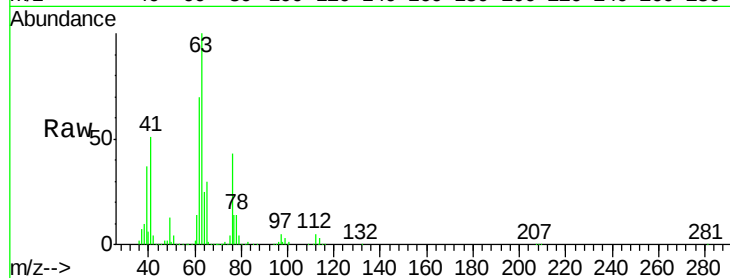
ICVVX052720

Tot Ion: 63 Resp: 188362

Ion Ratio Lower Upper

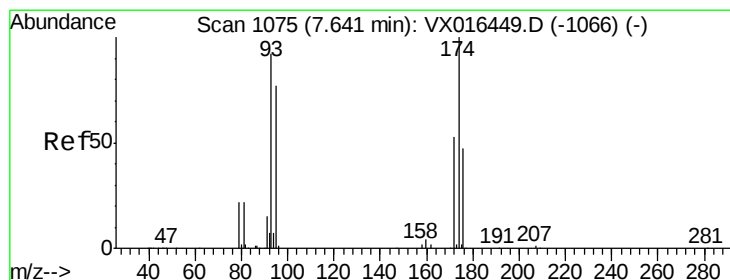
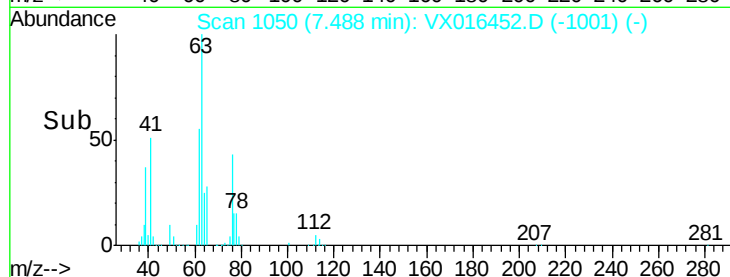
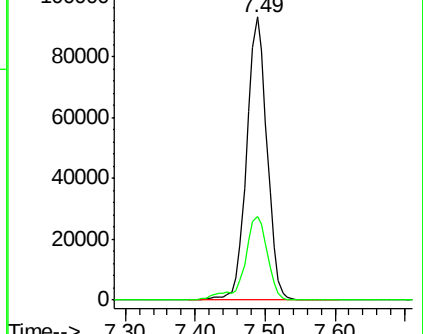
63 100

65 29.6 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.764 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

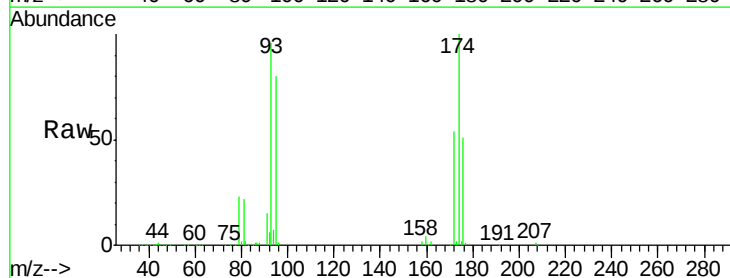
Tgt Ion: 93 Resp: 124641

Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

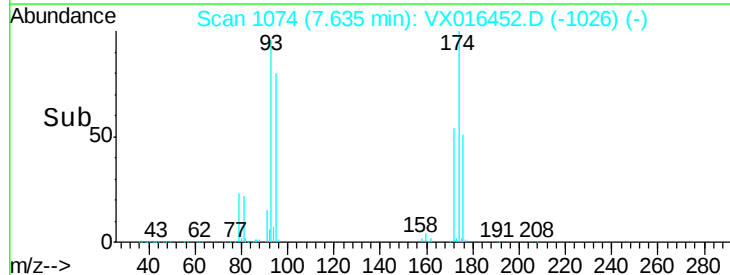
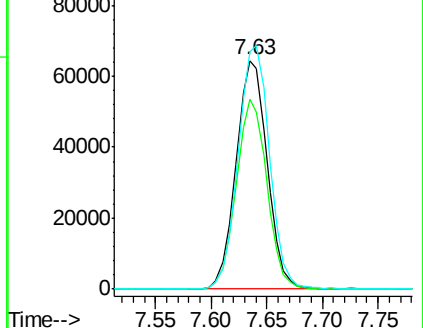
174 108.1 86.2 129.4

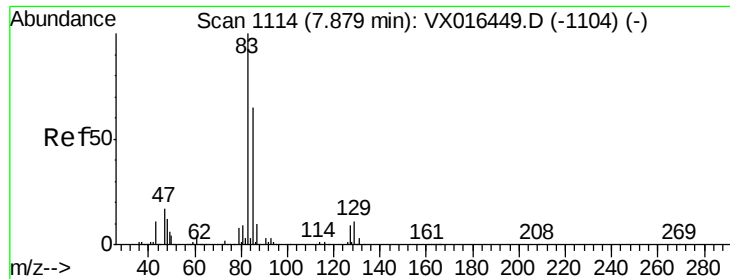


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.426 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

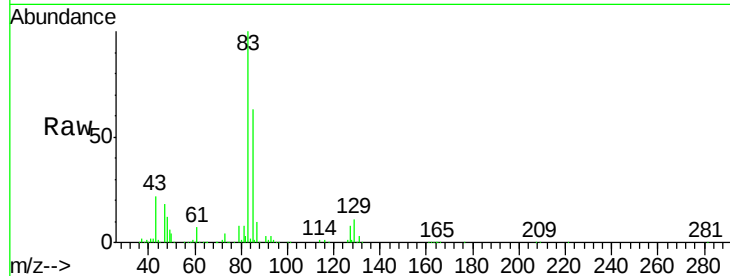
Tot Ion: 83 Resp: 261378

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

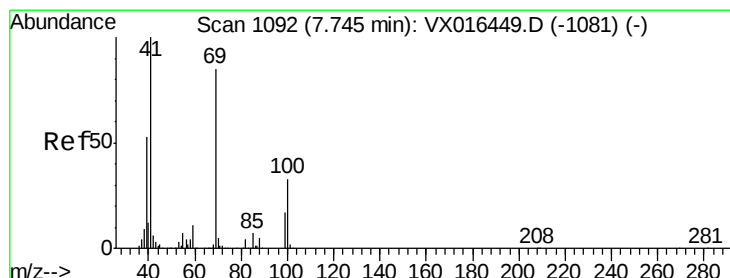
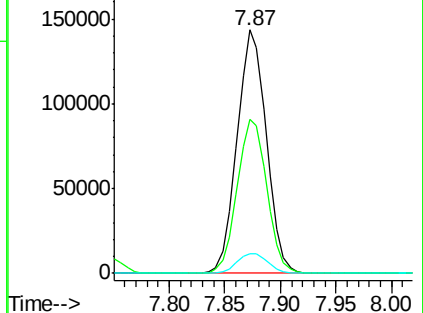
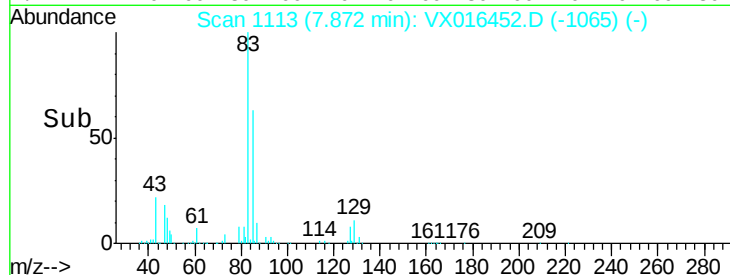
127 8.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.570 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

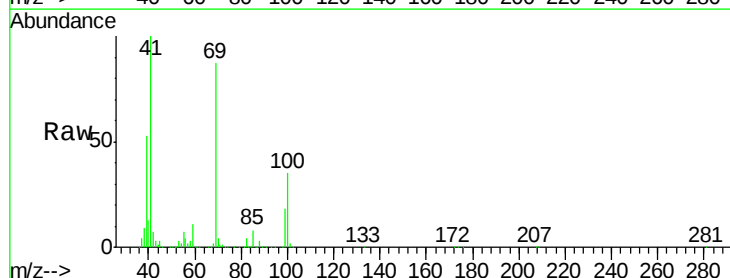
Tgt Ion: 41 Resp: 227133

Ion Ratio Lower Upper

41 100

69 85.3 68.6 102.8

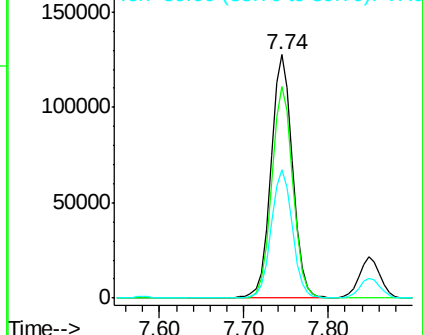
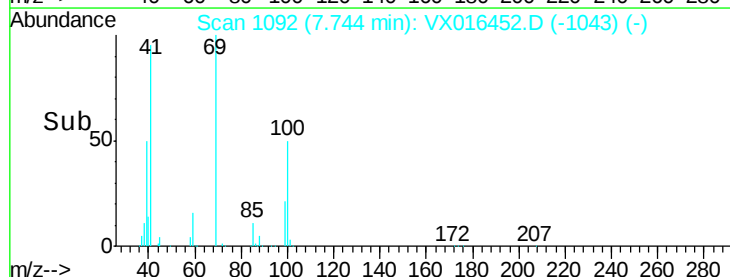
39 51.8 42.4 63.6

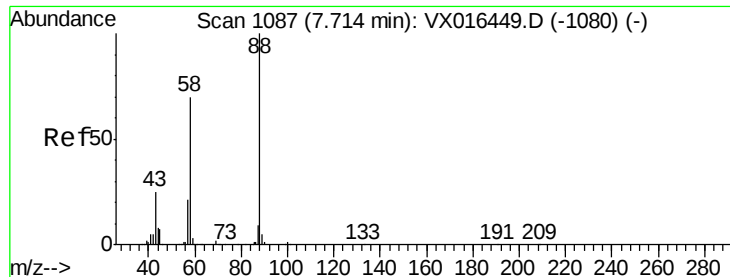


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1060.859 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

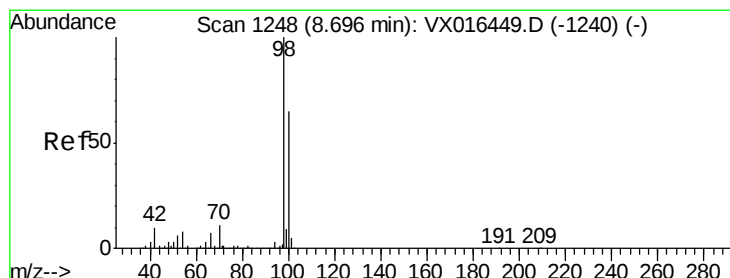
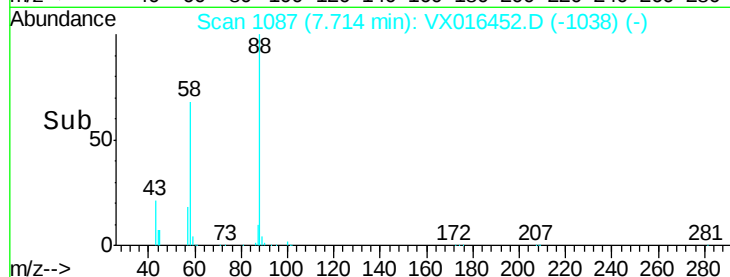
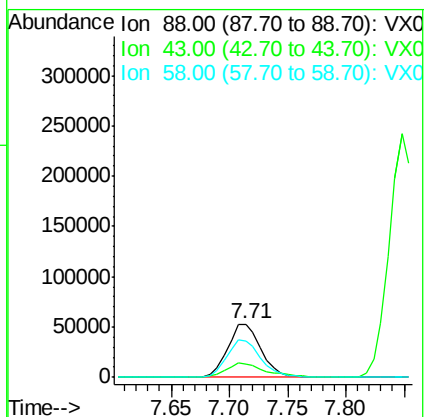
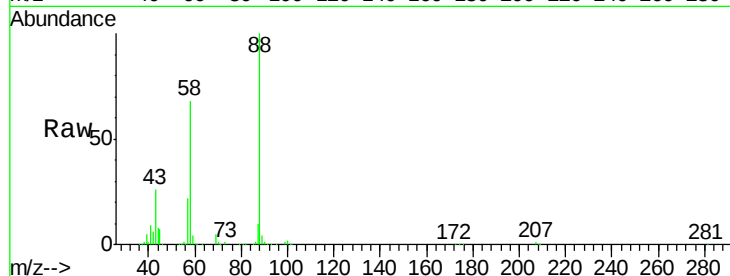
Tot Ion: 88 Resp: 105264

Ion Ratio Lower Upper

88 100

43 31.1 24.2 36.4

58 71.9 56.5 84.7



#50

Toluene-d8

Concen: 52.384 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016452.D

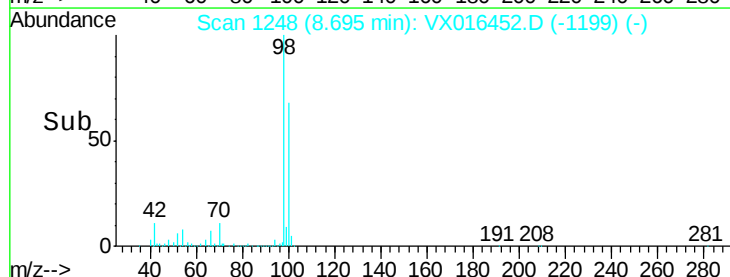
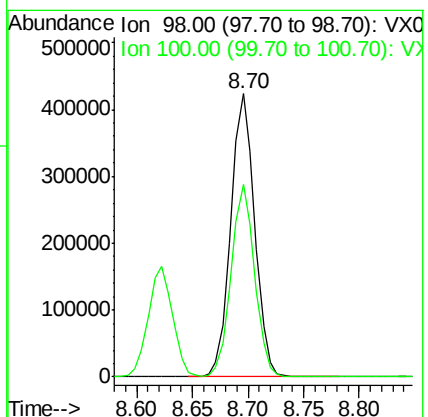
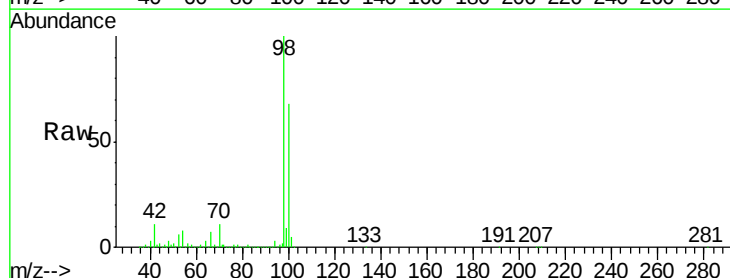
Acq: 27 May 2020 17:30

Tgt Ion: 98 Resp: 627008

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6

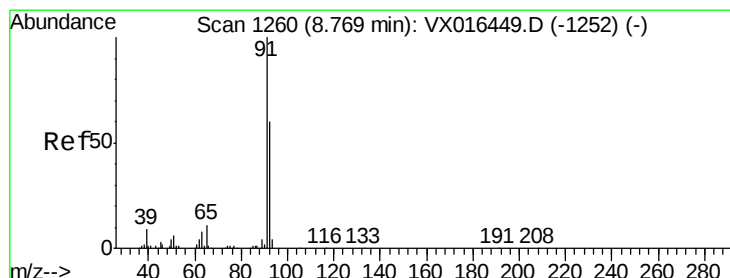
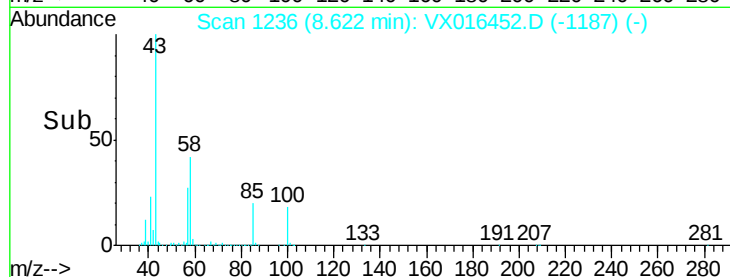
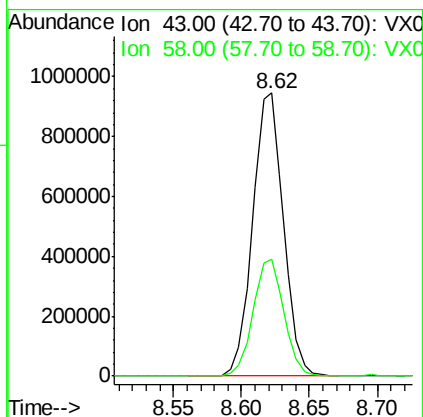
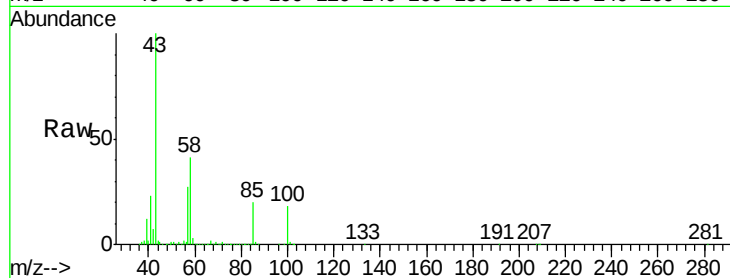




#51
 4-Methyl-2-Pentanone
 Concen: 271.981 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

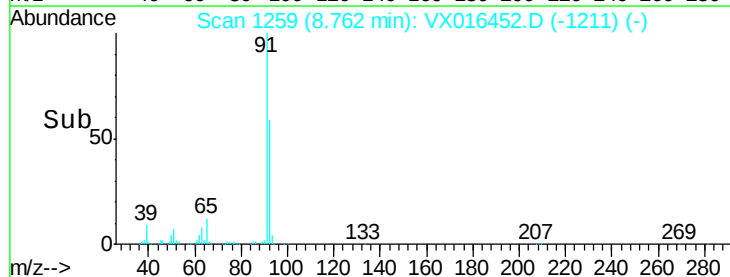
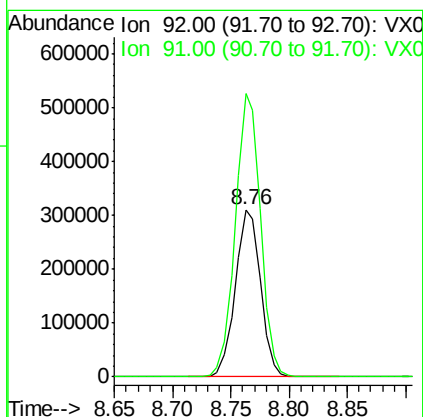
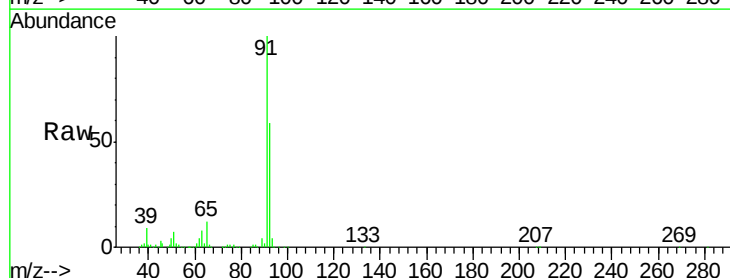
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

Tot Ion: 43 Resp: 1499669
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.6



#52
 Toluene
 Concen: 52.741 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion: 92 Resp: 468335
 Ion Ratio Lower Upper
 92 100
 91 169.2 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 55.133 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

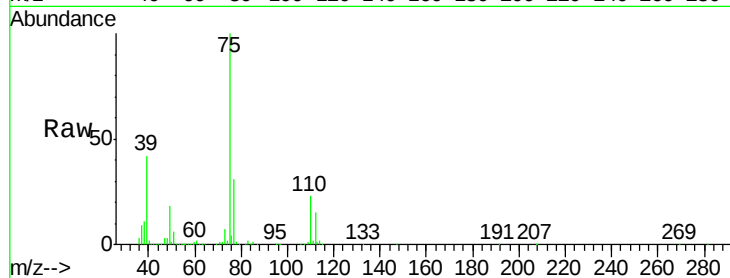
ICVVX052720

Tot Ion: 75 Resp: 312563

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

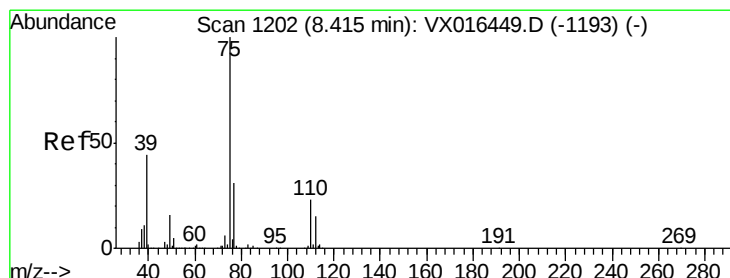
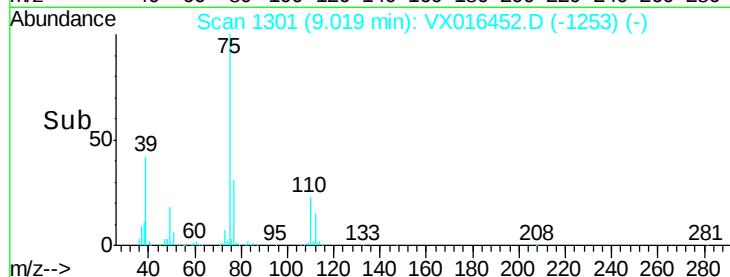
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 54.700 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

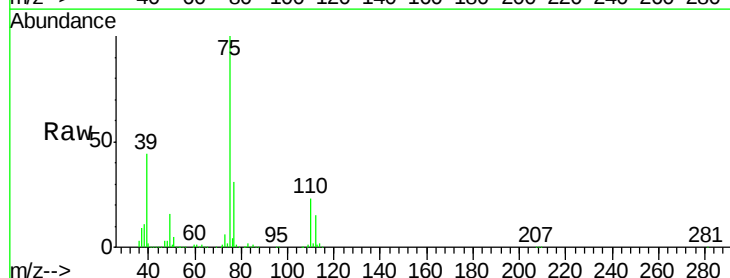
Tgt Ion: 75 Resp: 328236

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8

39 44.2 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

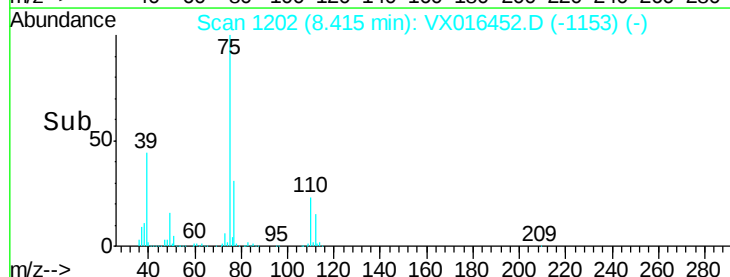
150000

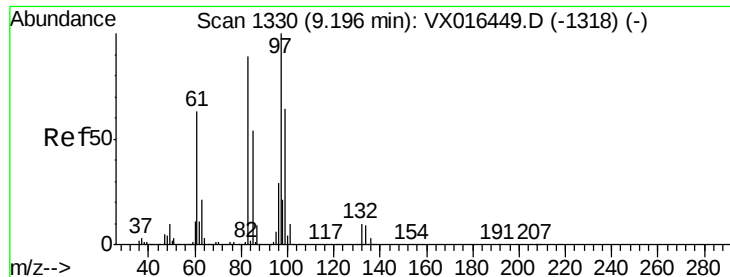
100000

50000

0

Time--> 8.30 8.35 8.40 8.45 8.50

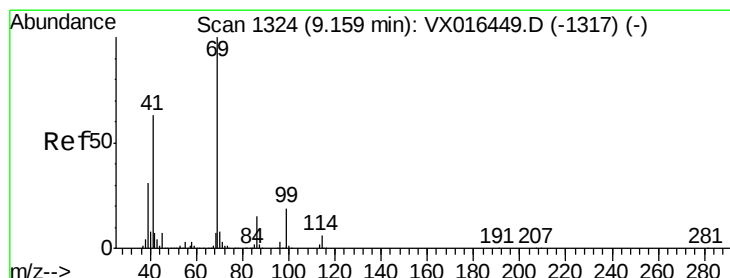
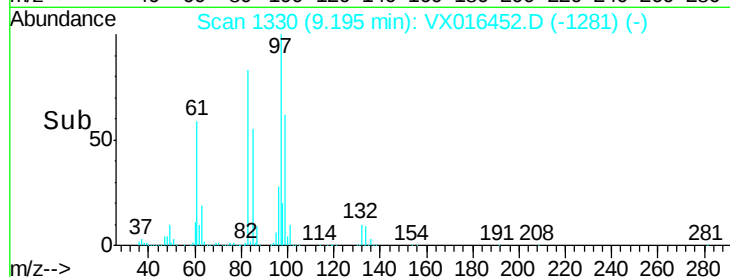
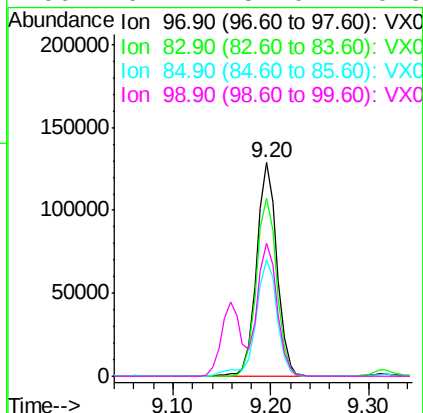
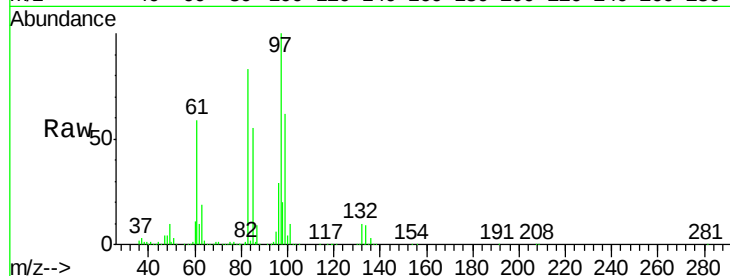




#55
 1,1,2-Trichloroethane
 Concen: 52.502 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

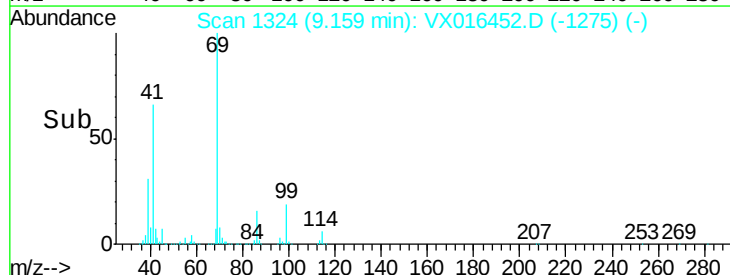
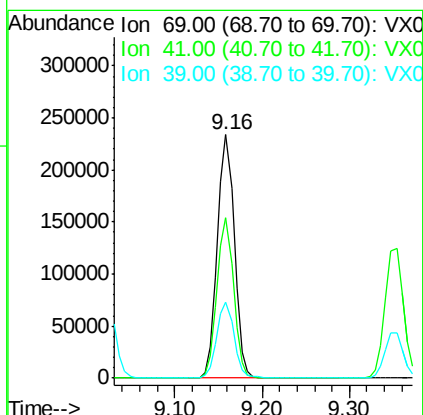
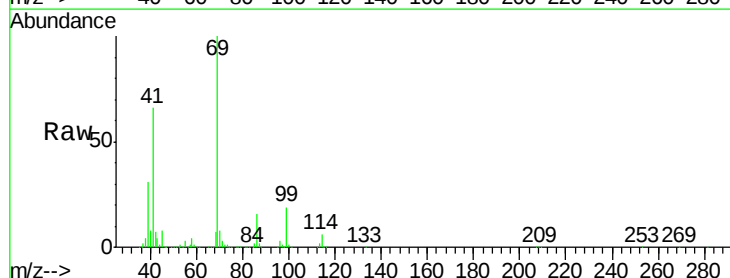
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

Tot Ion:	97	Resp:	185364
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.9	106.3
85	54.5	43.4	65.2
99	62.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 54.872 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion:	69	Resp:	315517
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	31.7	25.8	38.6





#57

1,3-Dichloropropane

Concen: 53.563 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

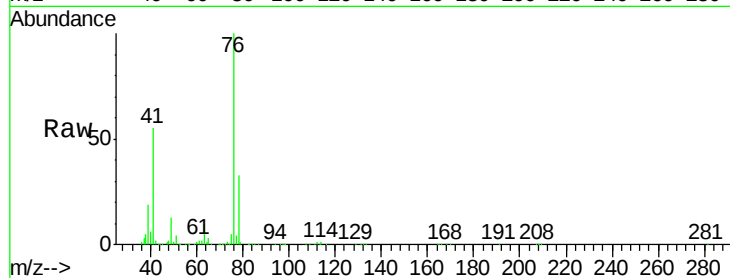
ICVVX052720

Tot Ion: 76 Resp: 324601

Ion Ratio Lower Upper

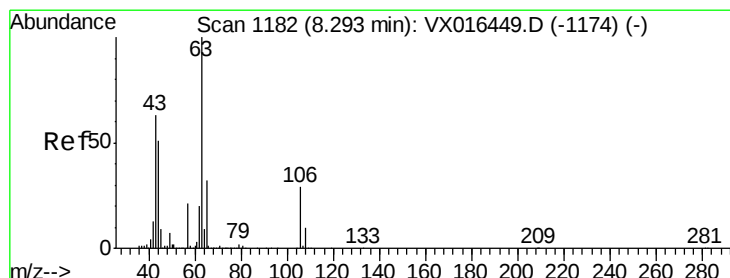
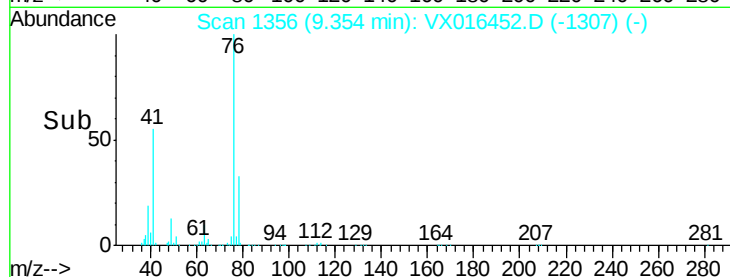
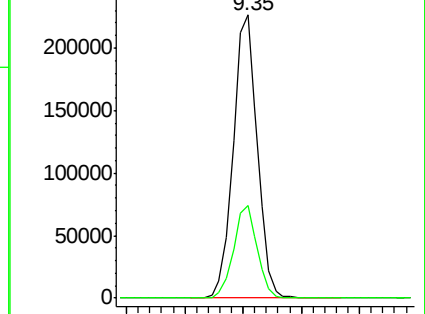
76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 243.227 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016452.D

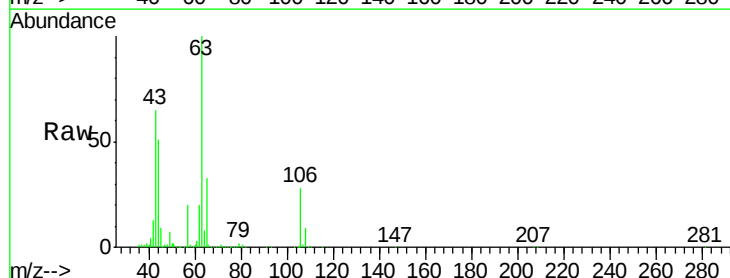
Acq: 27 May 2020 17:30

Tgt Ion: 63 Resp: 729998

Ion Ratio Lower Upper

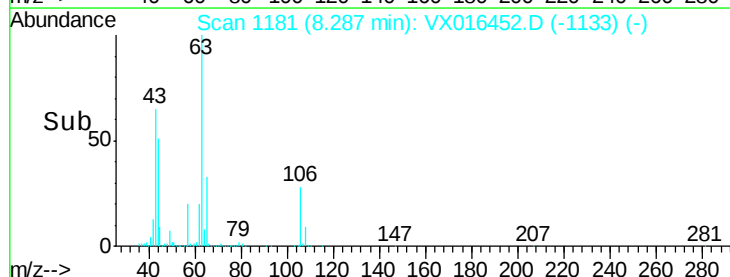
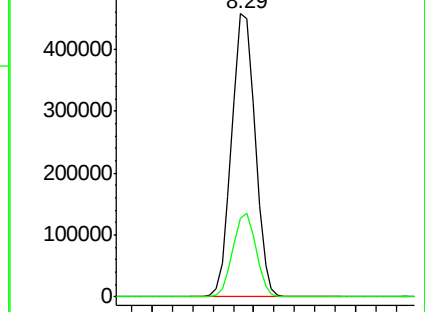
63 100

106 29.0 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

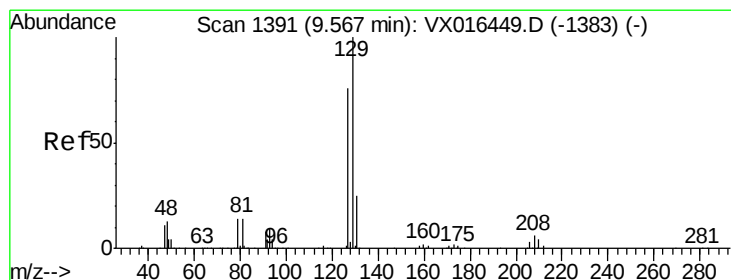
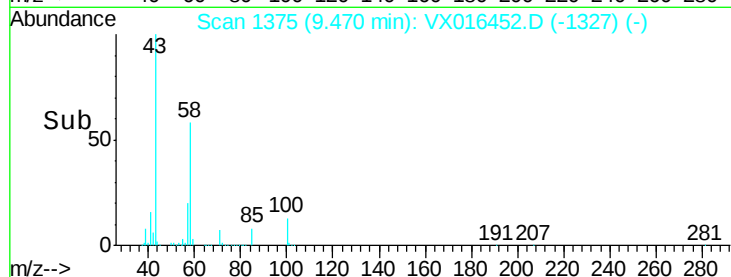
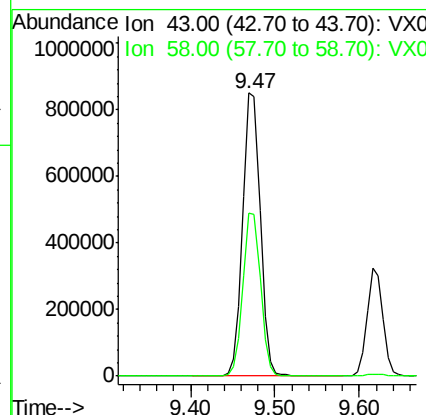
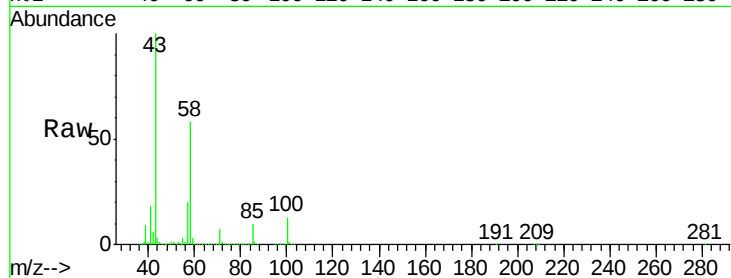




#59
2-Hexanone
Concen: 277.265 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

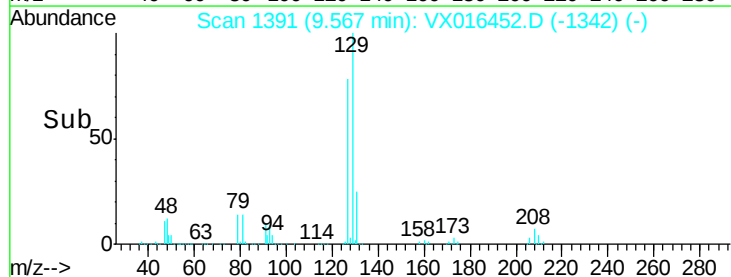
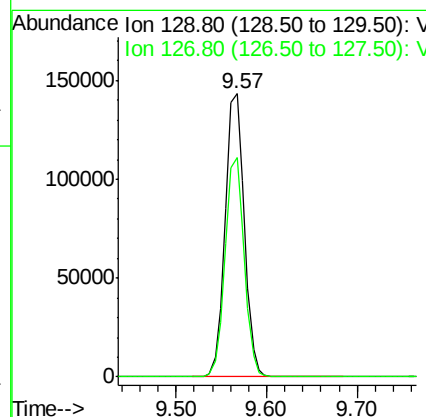
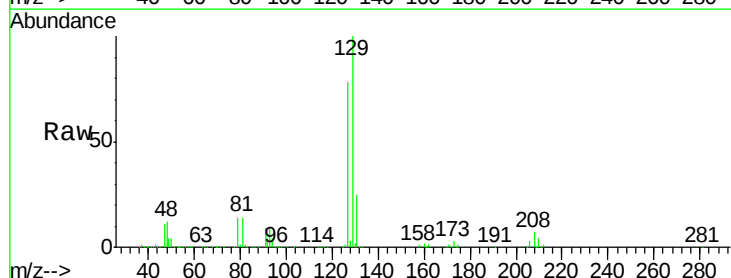
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

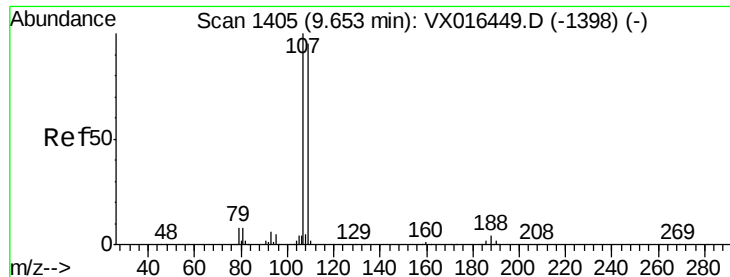
Tot Ion: 43 Resp: 1188887
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.4



#60
Dibromochloromethane
Concen: 53.252 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion: 129 Resp: 211582
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.749 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

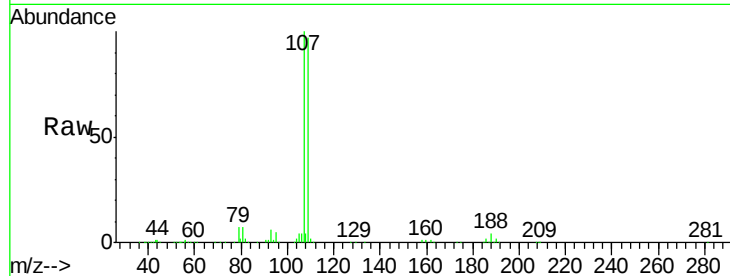
ICVVX052720

Tot Ion:107 Resp: 199434

Ion Ratio Lower Upper

107 100

109 95.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

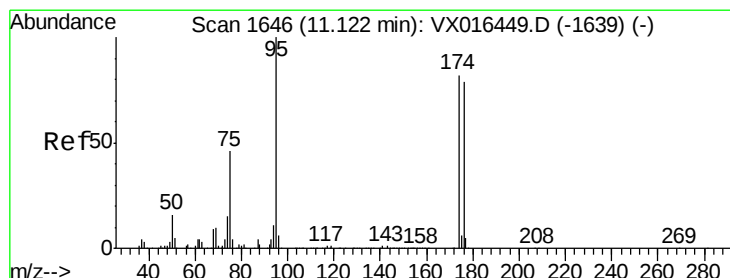
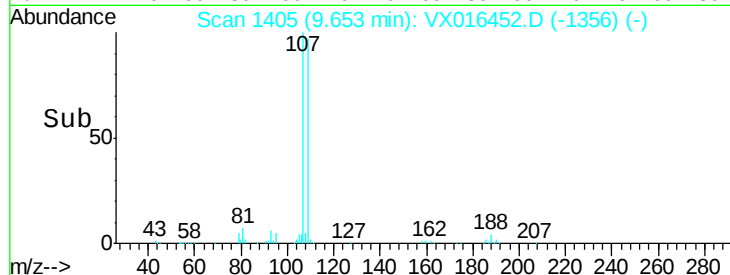
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.365 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

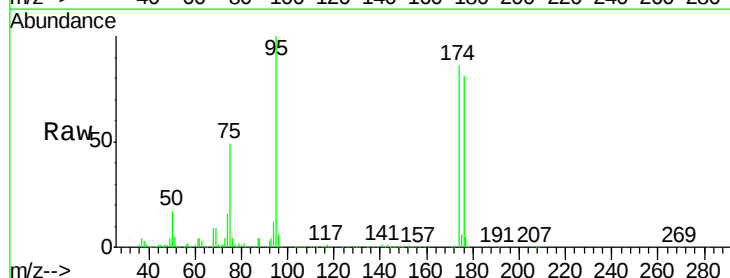
Tgt Ion: 95 Resp: 242188

Ion Ratio Lower Upper

95 100

174 81.8 0.0 163.0

176 80.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

250000

200000

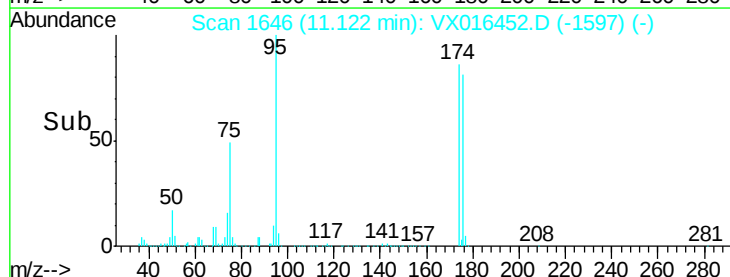
150000

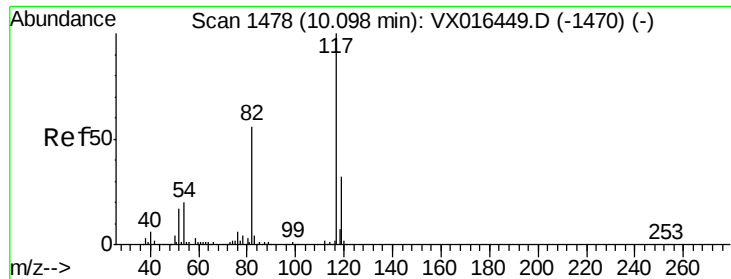
100000

50000

0

Time-->

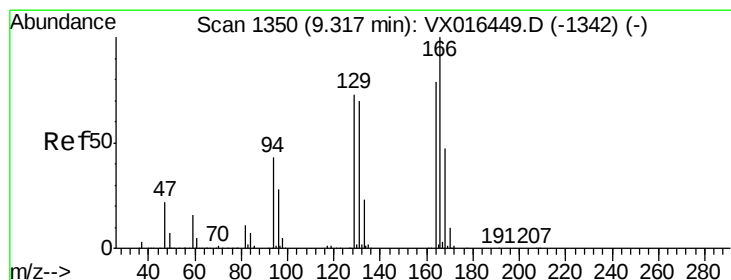
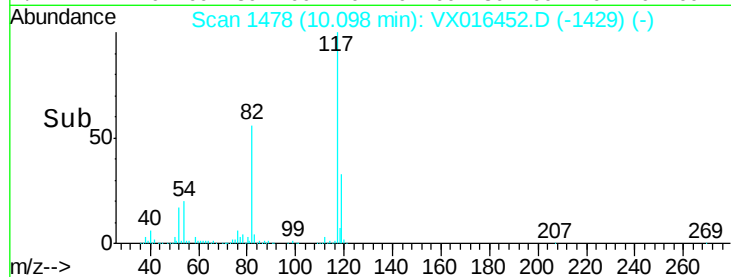
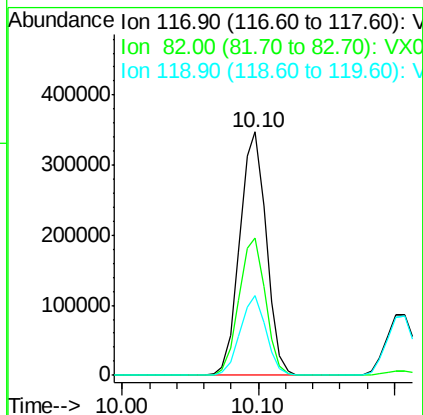
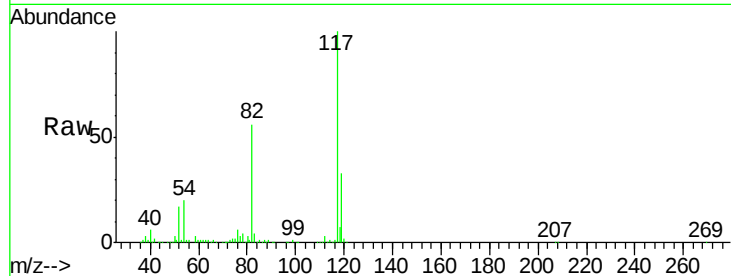




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

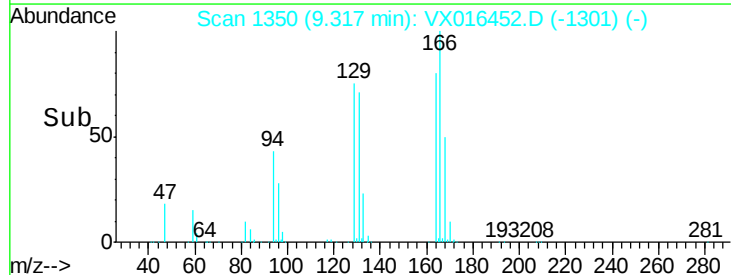
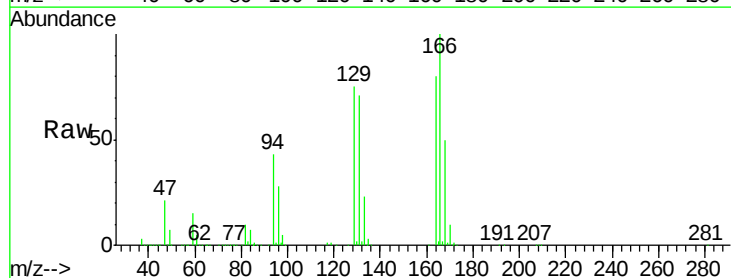
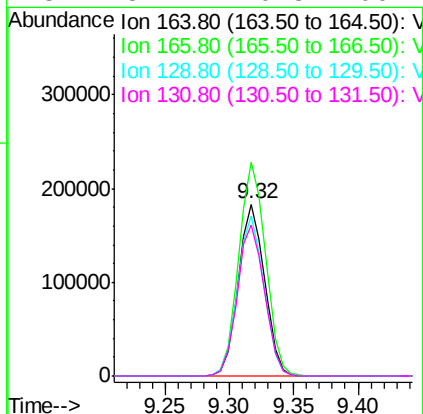
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

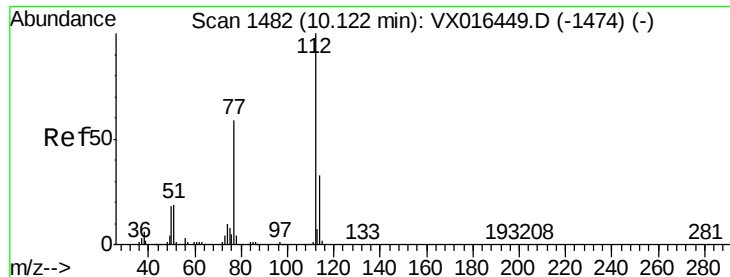
Tot Ion:117 Resp: 472272
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 49.107 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion:164 Resp: 259469
Ion Ratio Lower Upper
164 100
166 124.3 100.9 151.3
129 93.3 73.2 109.8
131 87.7 70.8 106.2

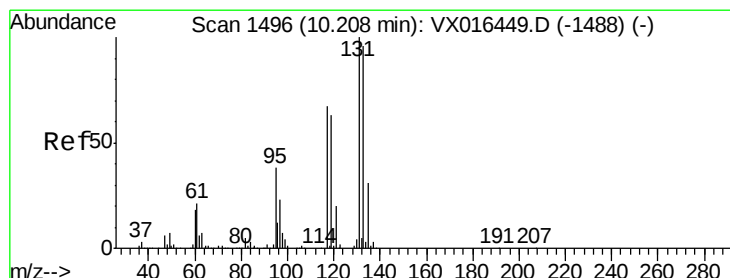
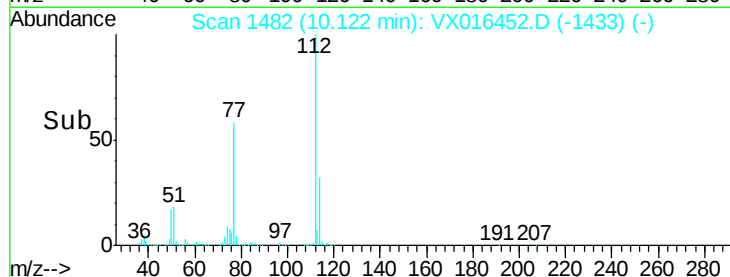
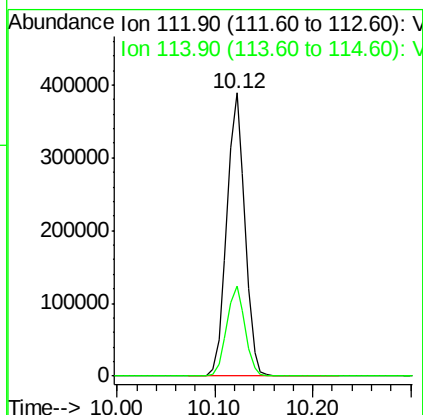
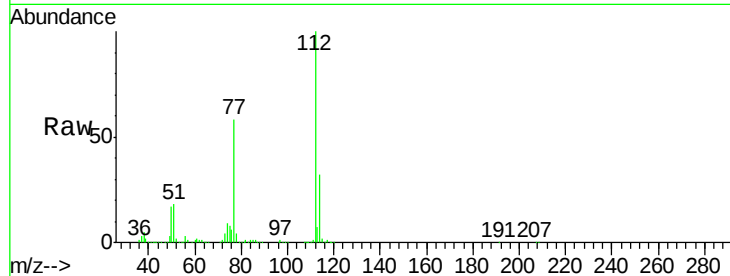




#65
Chlorobenzene
Concen: 51.949 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

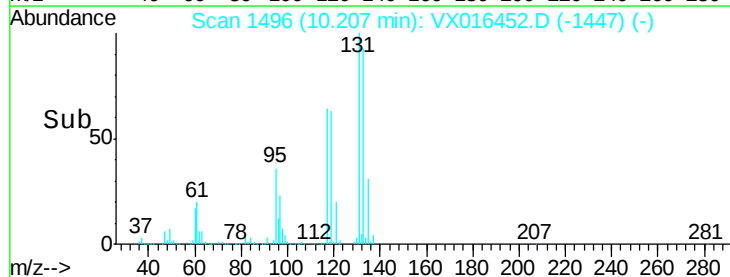
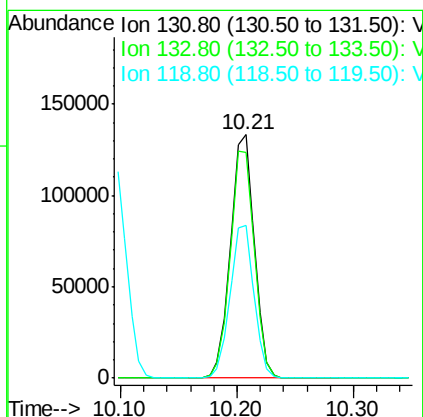
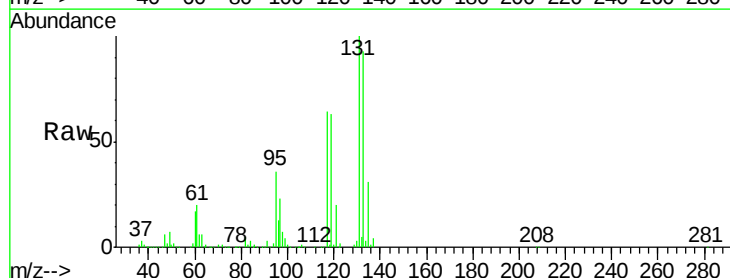
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

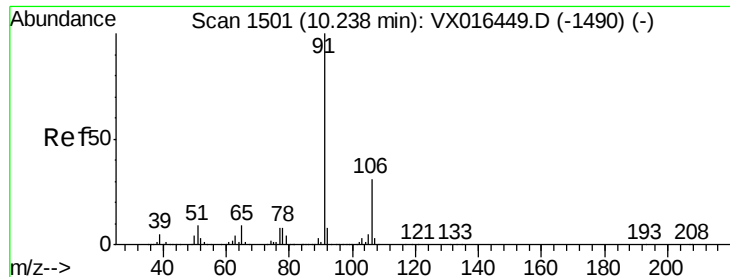
Tot Ion:112 Resp: 500178
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.760 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion:131 Resp: 190239
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 63.0 32.0 96.2





#67

Ethyl Benzene

Concen: 52.577 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

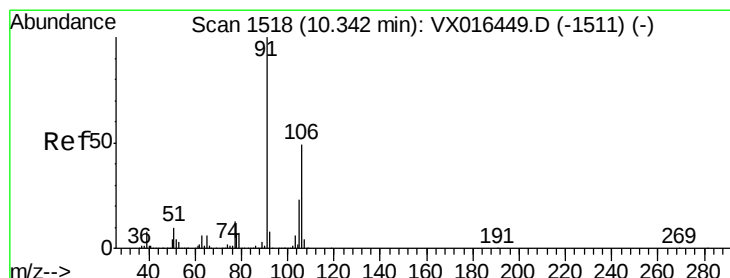
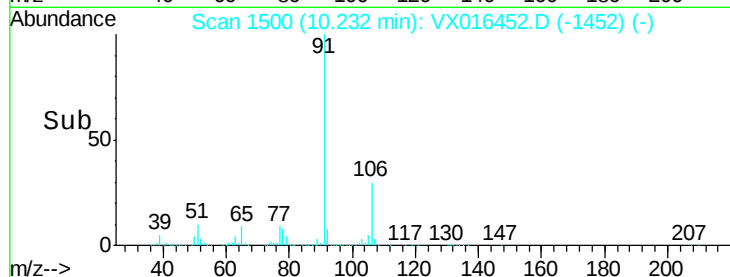
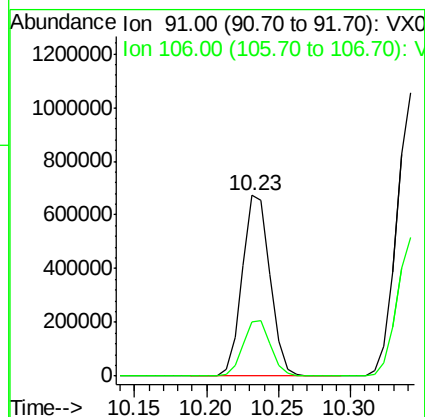
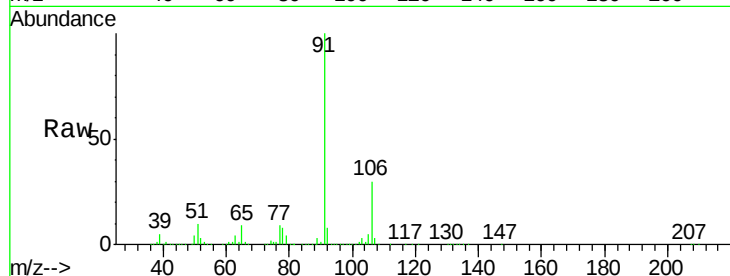
ICVVX052720

Tot Ion: 91 Resp: 901305

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 107.174 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016452.D

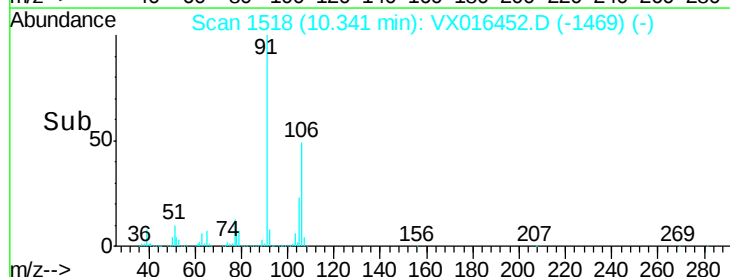
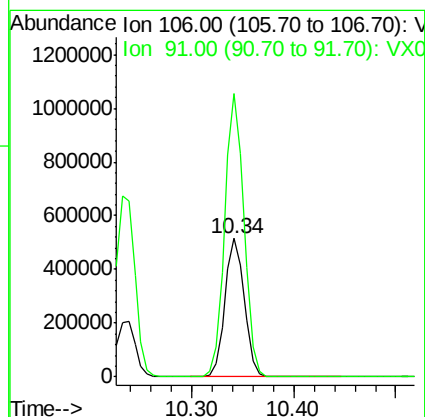
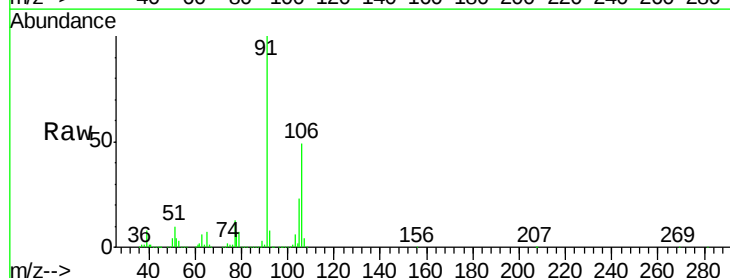
Acq: 27 May 2020 17:30

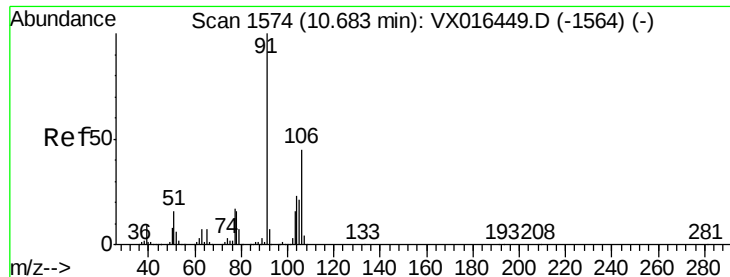
Tgt Ion: 106 Resp: 681196

Ion Ratio Lower Upper

106 100

91 203.4 163.8 245.8

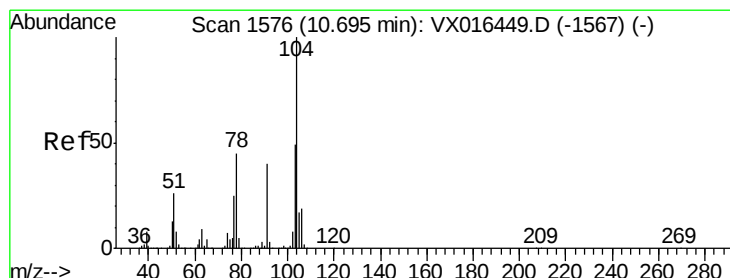
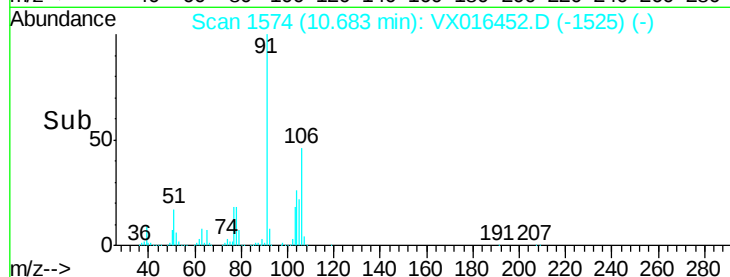
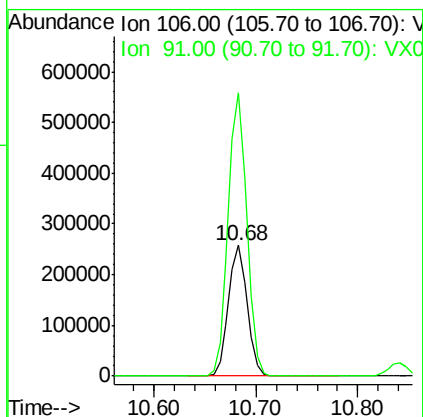
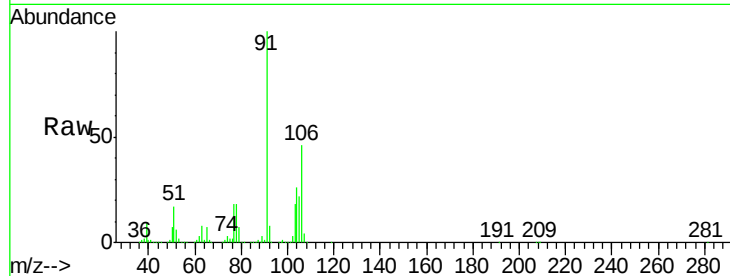




#69
o-Xylene
Concen: 52.816 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

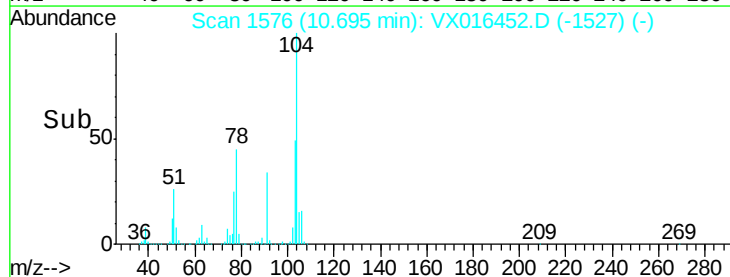
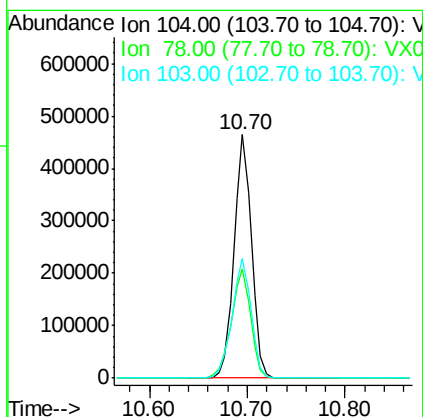
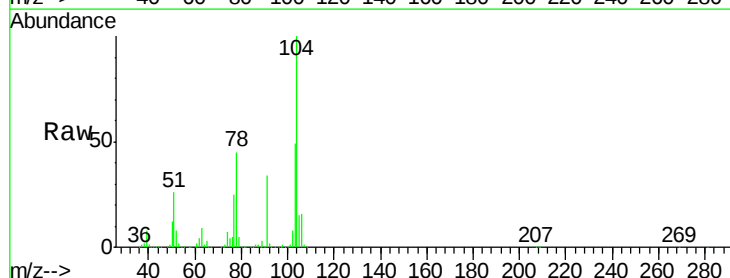
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

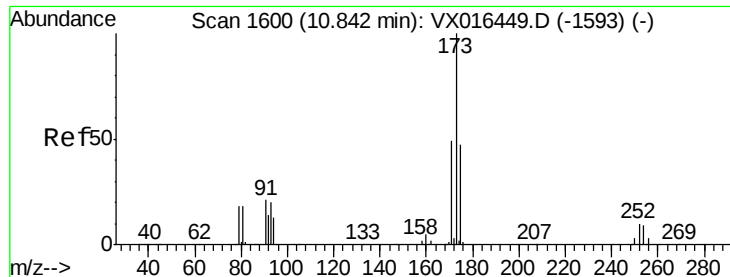
Tot Ion:106 Resp: 325109
Ion Ratio Lower Upper
106 100
91 217.0 109.6 328.8



#70
Styrene
Concen: 54.269 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion:104 Resp: 574185
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.2
103 53.6 43.1 64.7





#71

Bromoform

Concen: 52.671 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

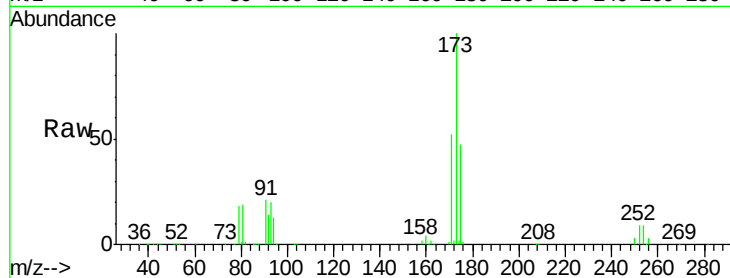
Tot Ion:173 Resp: 163607

Ion Ratio Lower Upper

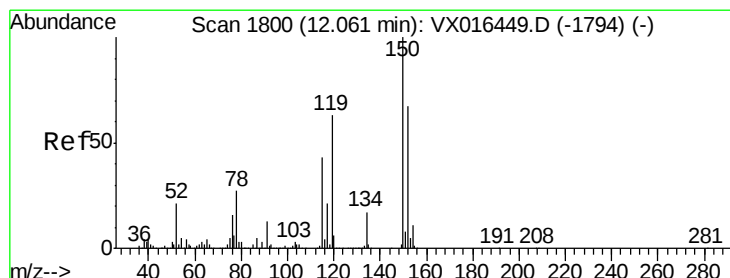
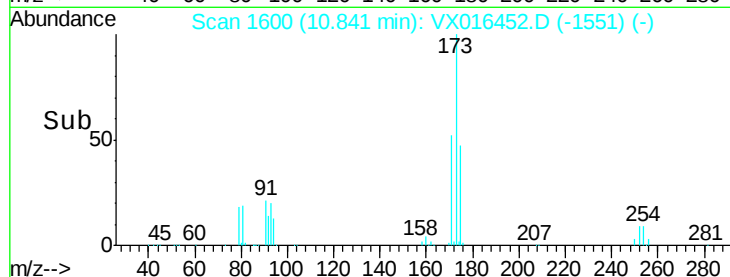
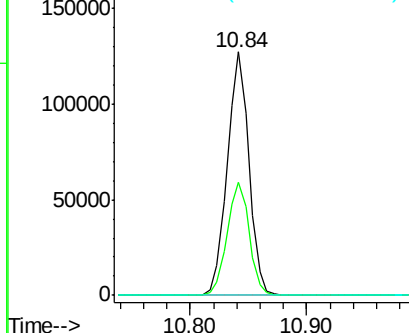
173 100

175 47.6 23.9 71.7

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

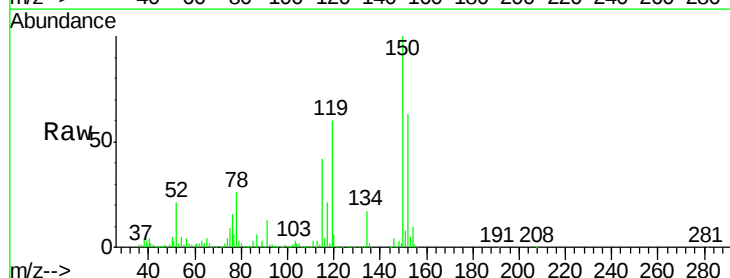
Tgt Ion:152 Resp: 236043

Ion Ratio Lower Upper

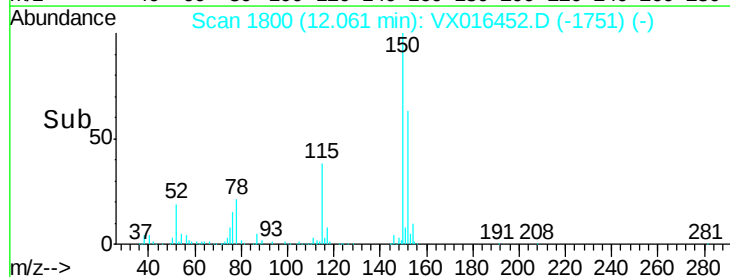
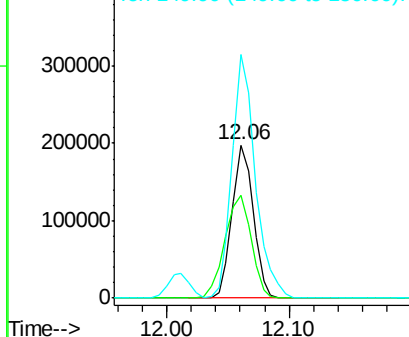
152 100

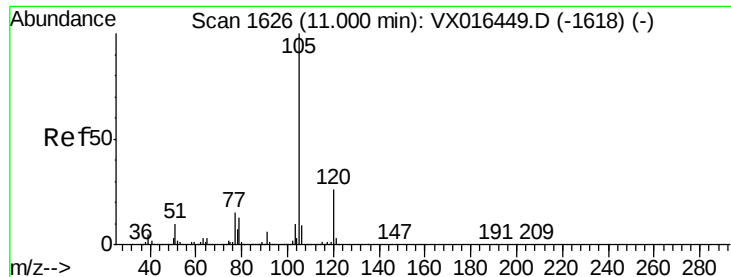
115 83.7 39.9 119.6

150 175.4 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.465 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

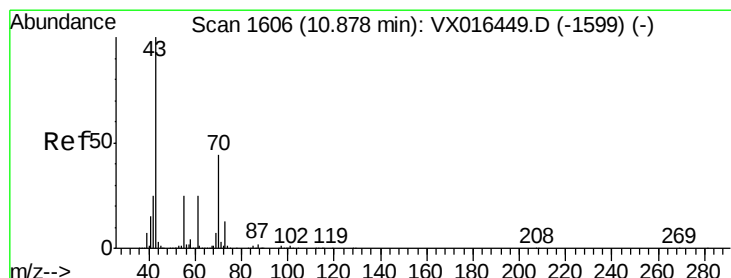
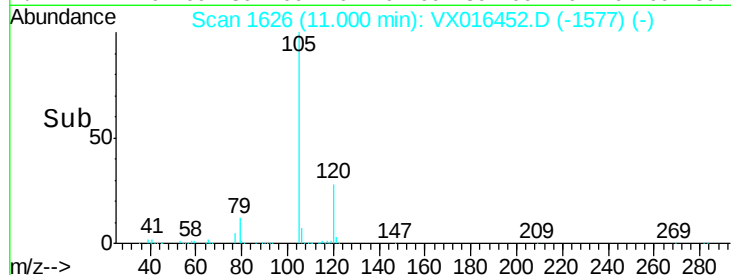
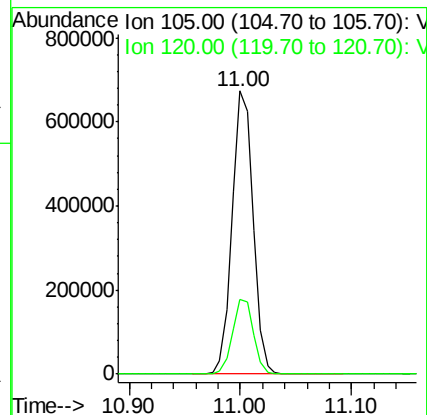
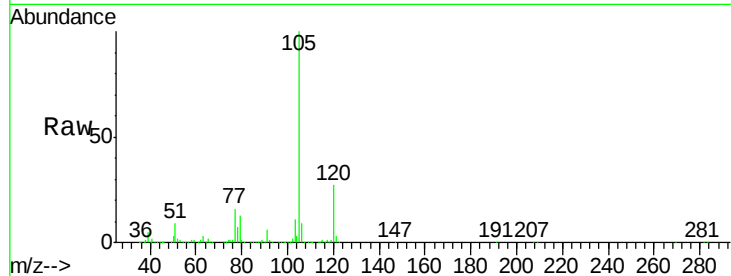
ICVVX052720

Tot Ion:105 Resp: 874414

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 54.392 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Tgt Ion: 43 Resp: 409184

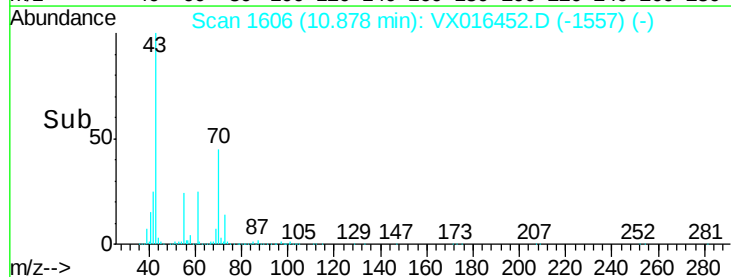
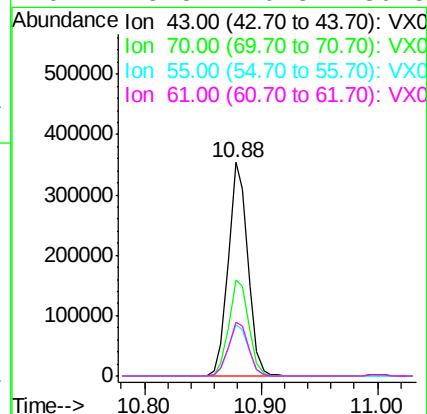
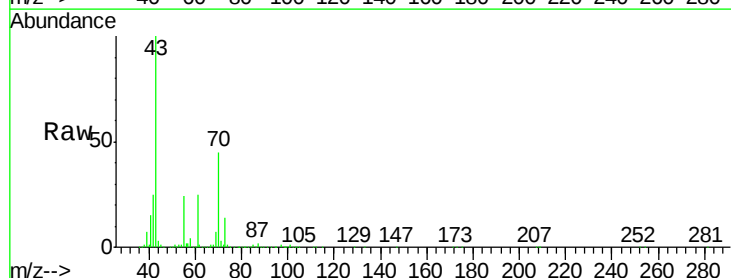
Ion Ratio Lower Upper

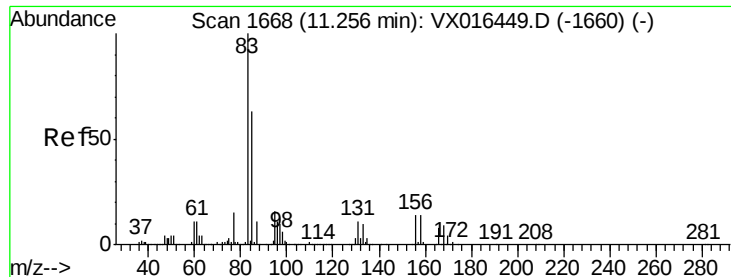
43 100

70 45.8 36.1 54.1

55 24.6 20.2 30.4

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 55.480 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

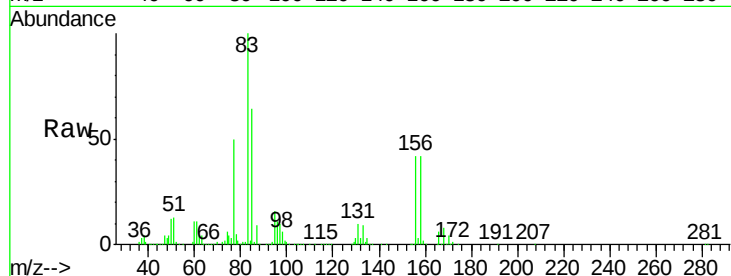
Tot Ion: 83 Resp: 227406

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

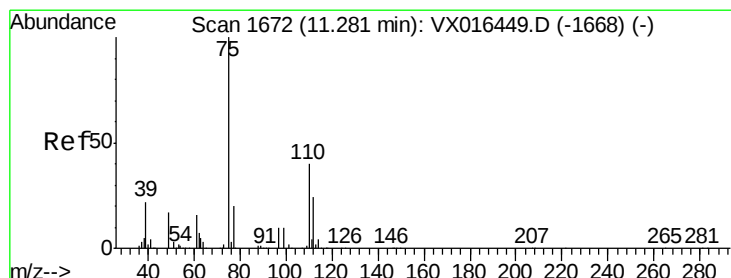
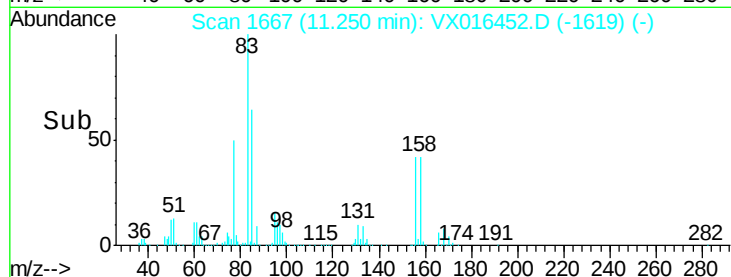
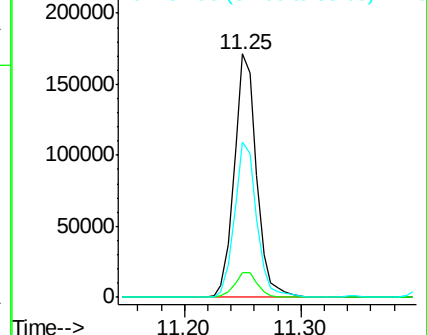
85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.476 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016452.D

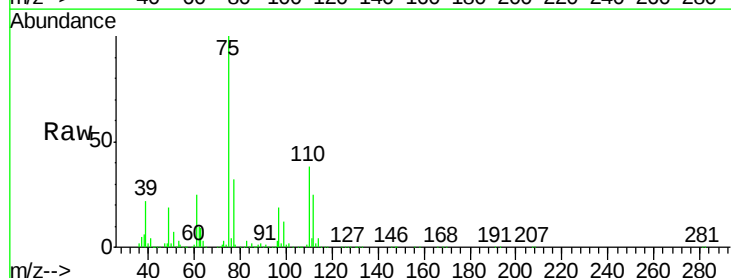
Acq: 27 May 2020 17:30

Tgt Ion: 75 Resp: 365656

Ion Ratio Lower Upper

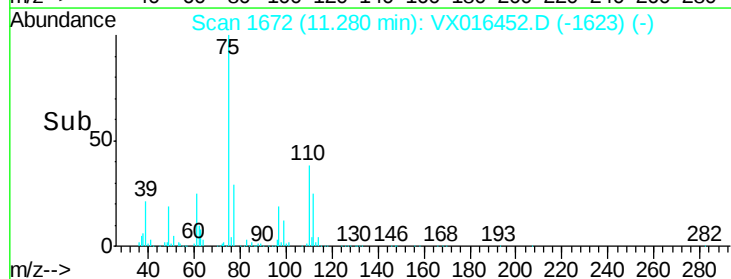
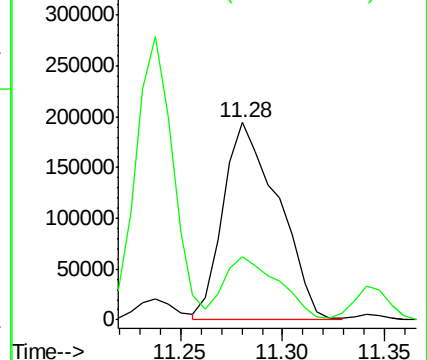
75 100

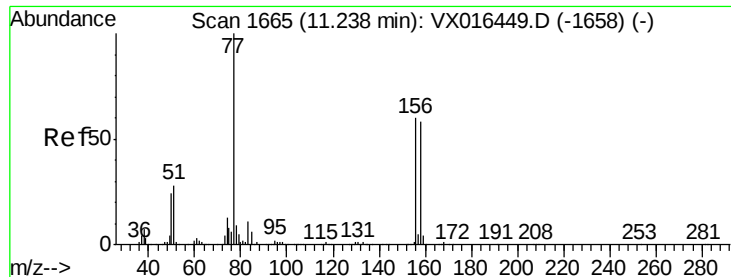
77 31.7 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.109 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

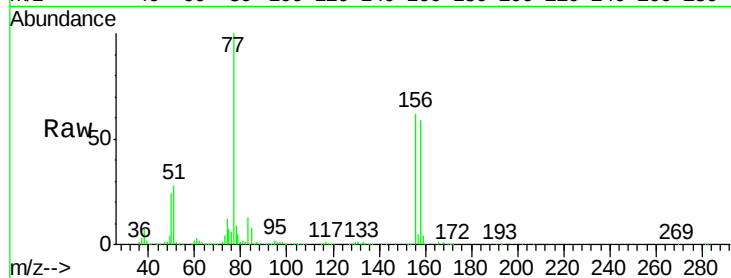
Tot Ion:156 Resp: 219238

Ion Ratio Lower Upper

156 100

77 161.4 79.6 238.8

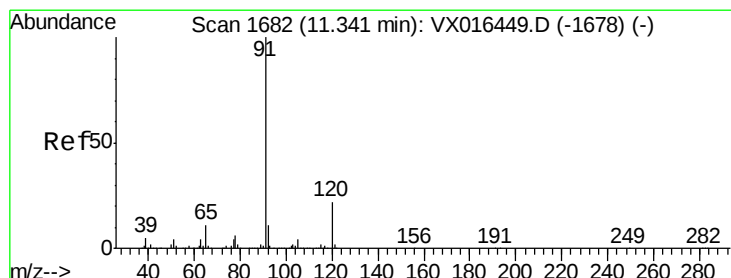
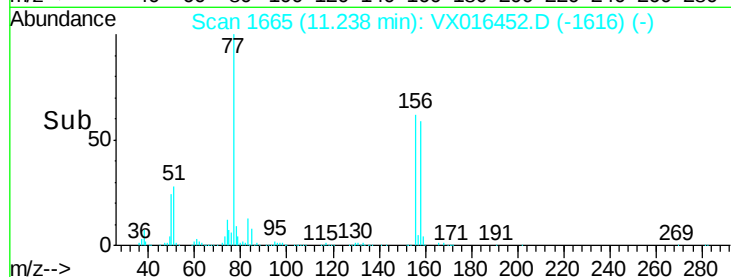
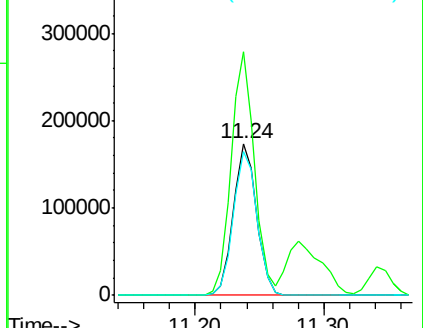
158 97.1 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.005 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016452.D

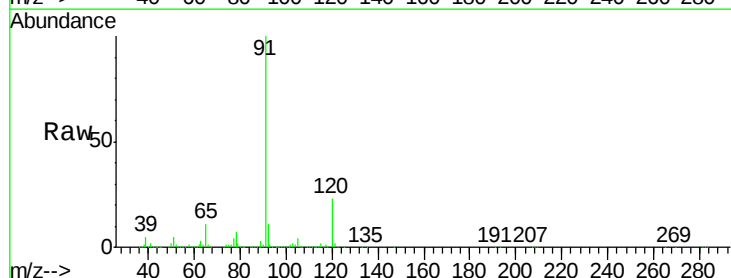
Acq: 27 May 2020 17:30

Tgt Ion: 91 Resp: 986781

Ion Ratio Lower Upper

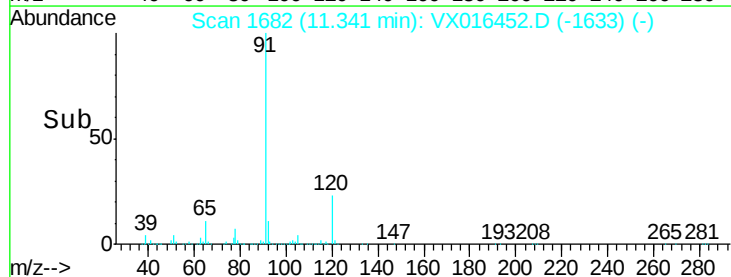
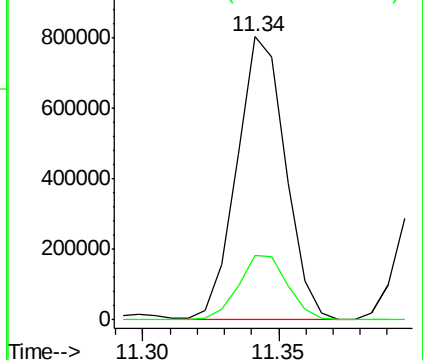
91 100

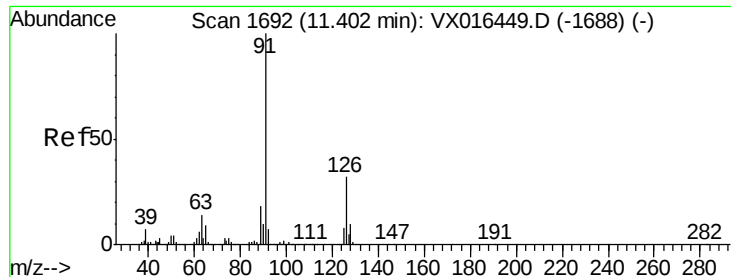
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

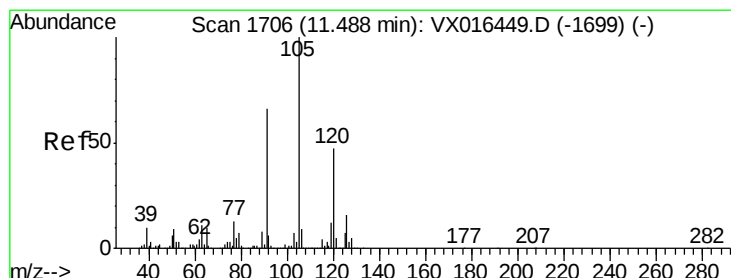
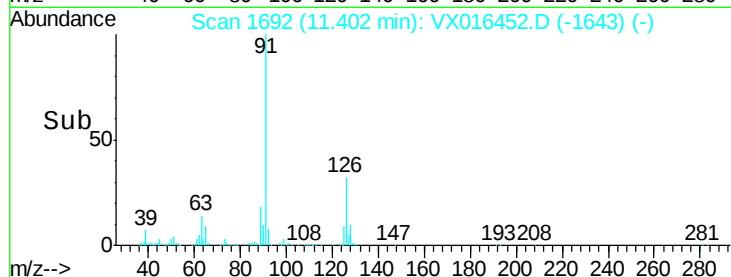
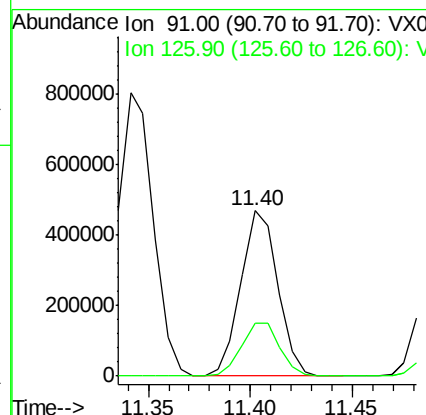
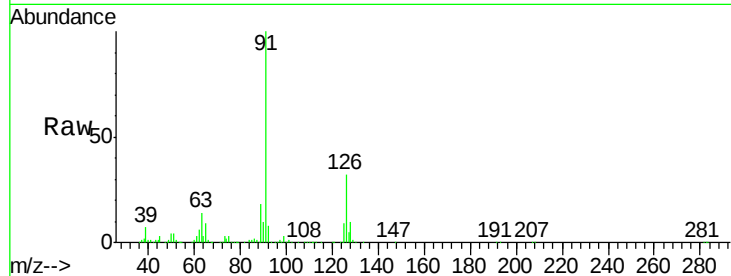




#79
 2-Chlorotoluene
 Concen: 52.913 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

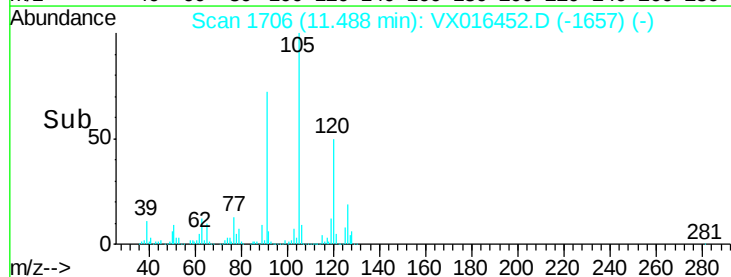
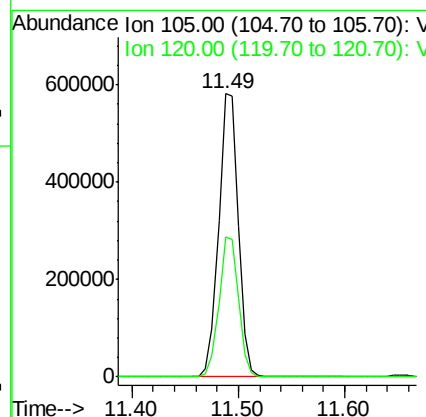
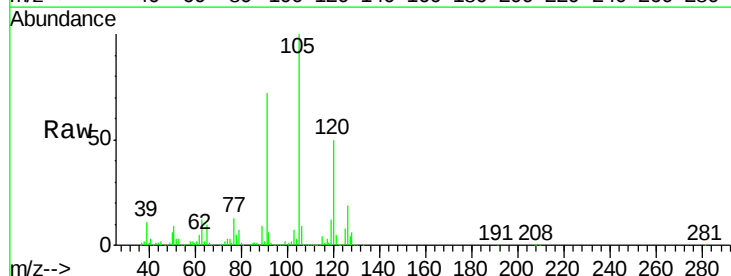
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

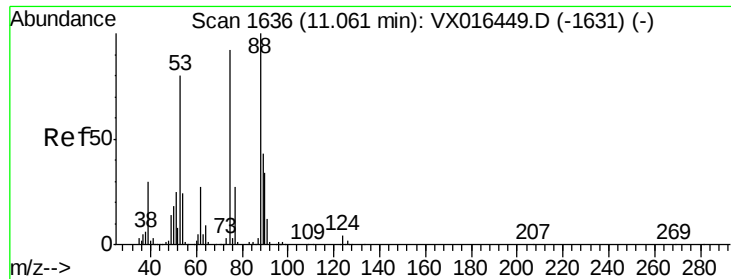
Tot Ion: 91 Resp: 590150
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.965 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion: 105 Resp: 736958
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.667 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

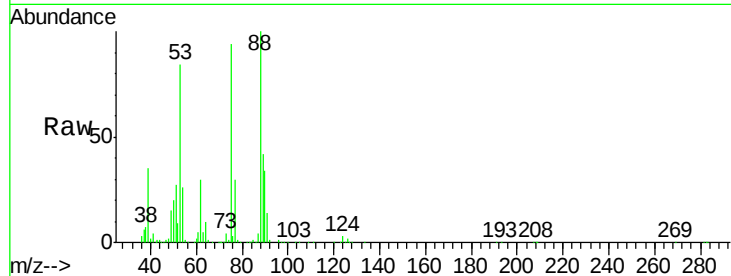
Tot Ion: 75 Resp: 115304

Ion Ratio Lower Upper

75 100

53 88.9 71.3 106.9

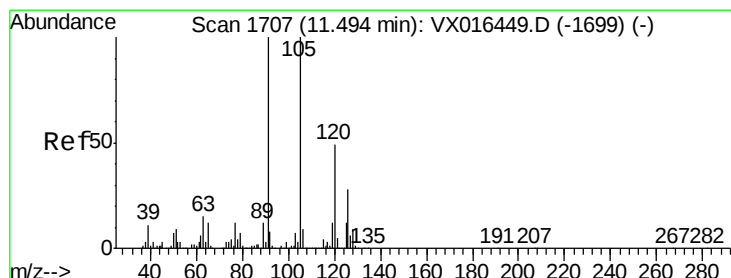
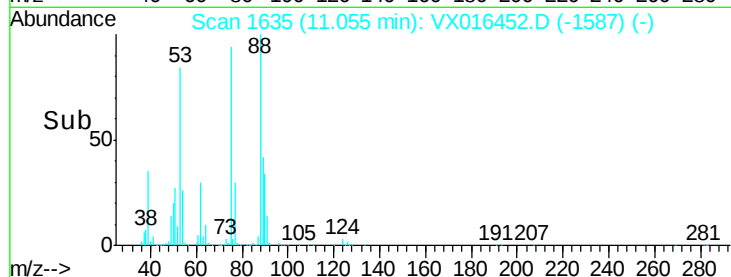
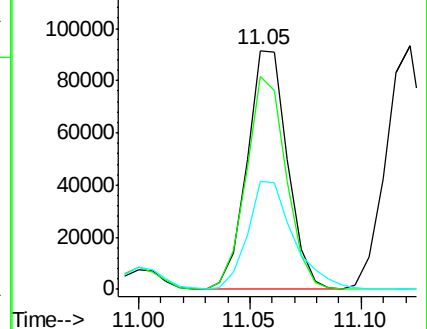
89 51.6 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.199 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016452.D

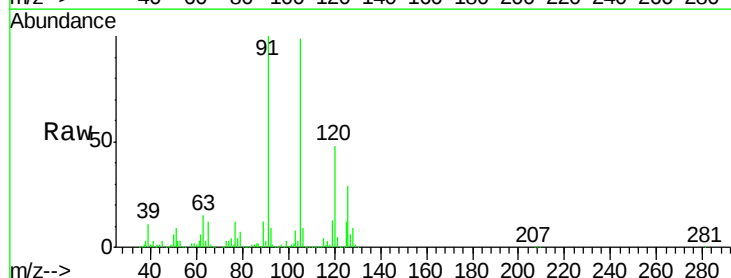
Acq: 27 May 2020 17:30

Tgt Ion: 91 Resp: 700664

Ion Ratio Lower Upper

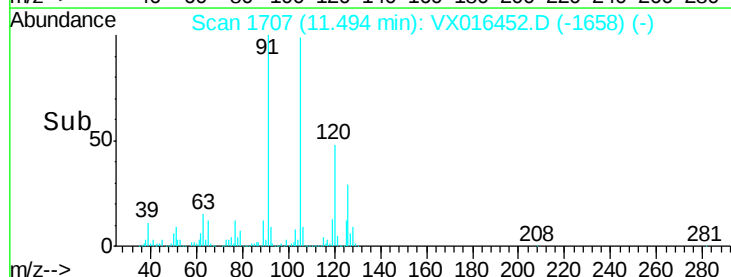
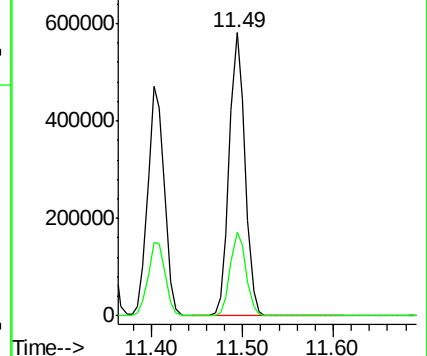
91 100

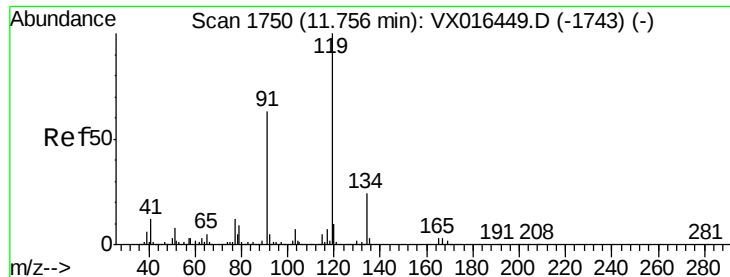
126 29.6 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.822 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

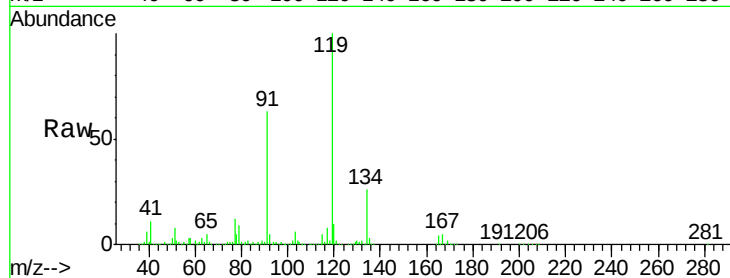
Tot Ion:119 Resp: 639693

Ion Ratio Lower Upper

119 100

91 62.1 31.3 93.8

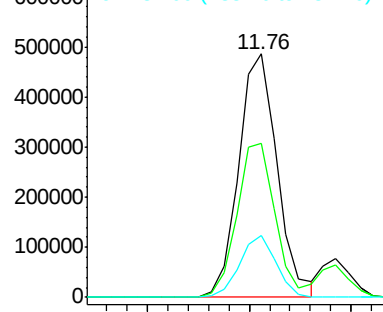
134 24.1 12.0 36.0



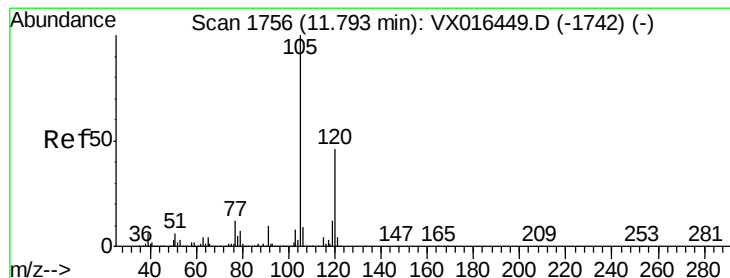
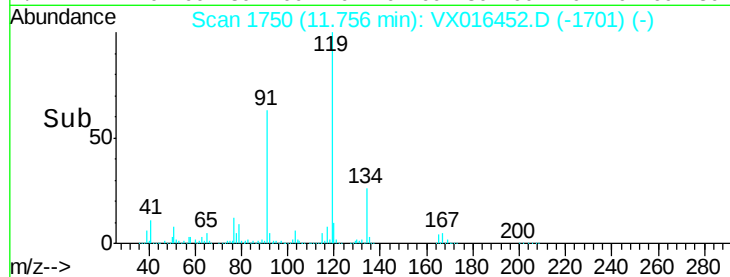
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 54.095 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016452.D

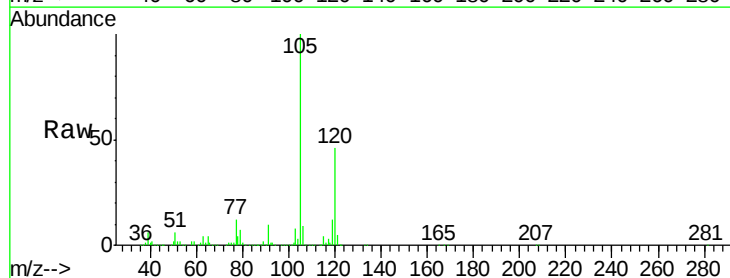
Acq: 27 May 2020 17:30

Tgt Ion:105 Resp: 747087

Ion Ratio Lower Upper

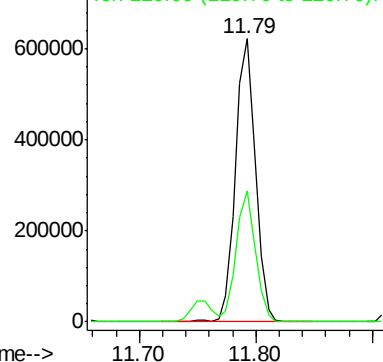
105 100

120 44.8 22.6 67.7

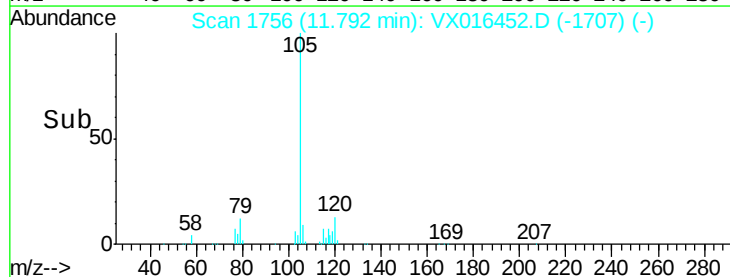


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 55.314 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

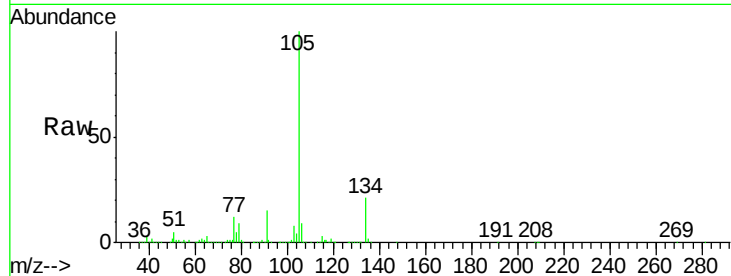
ICVVX052720

Tot Ion:105 Resp: 809677

Ion Ratio Lower Upper

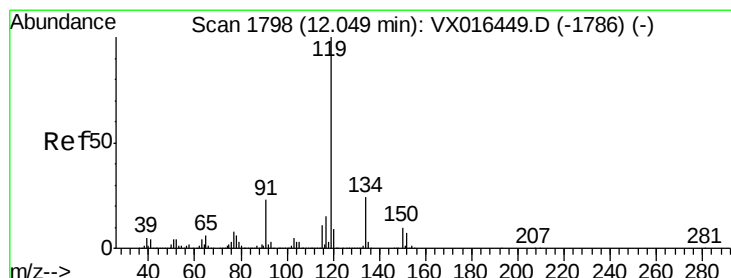
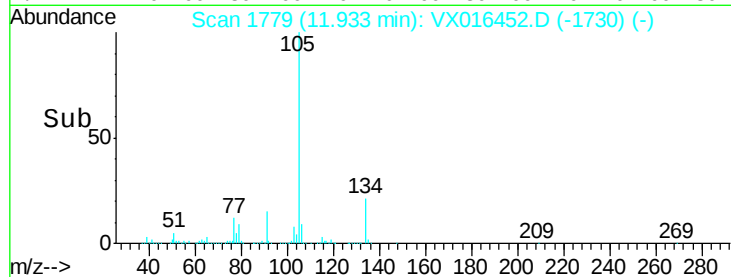
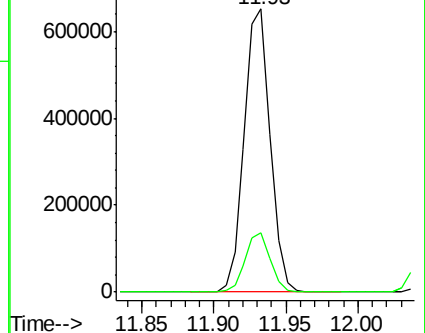
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.897 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

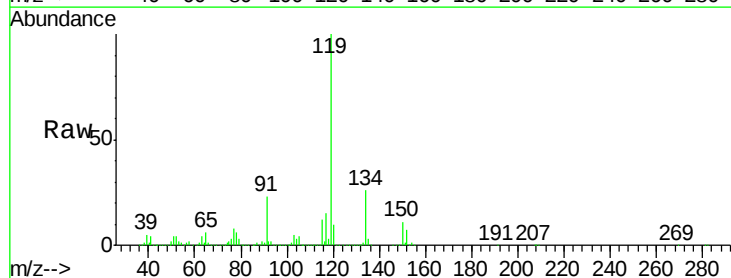
Tgt Ion:119 Resp: 766449

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

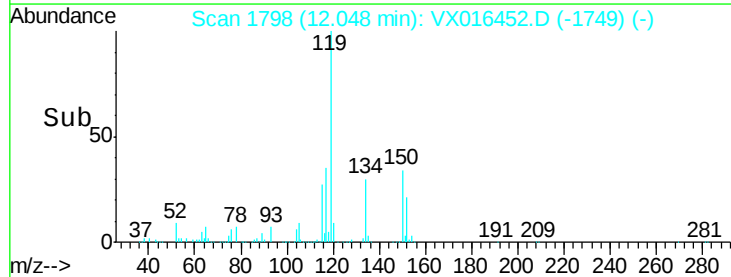
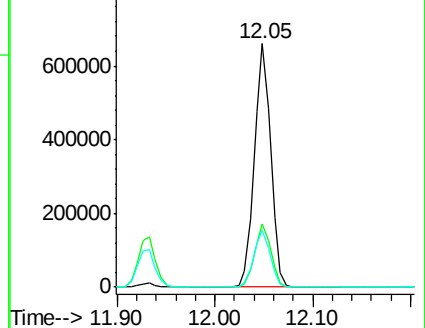
91 23.6 11.7 35.0

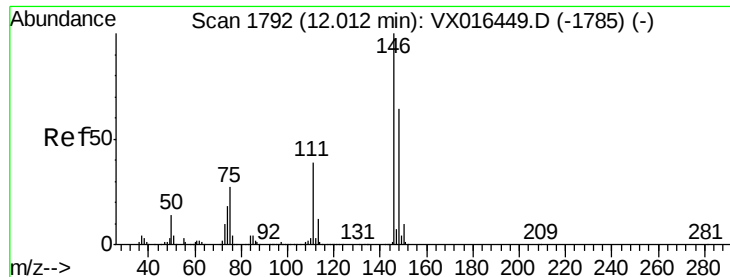


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

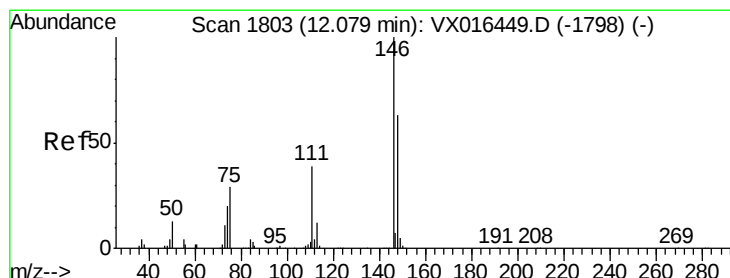
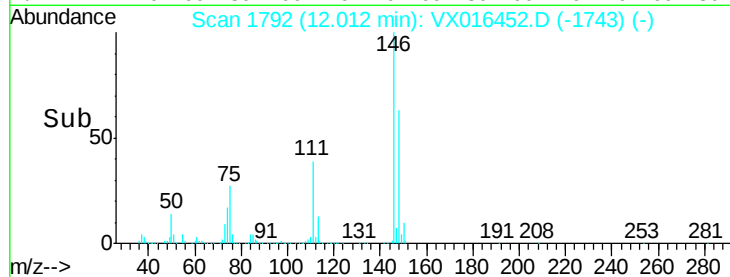
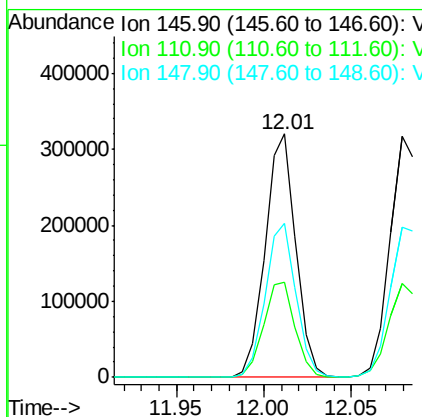
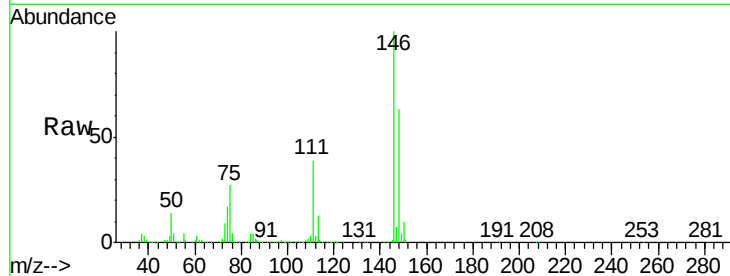




#87
 1,3-Dichlorobenzene
 Concen: 52.895 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

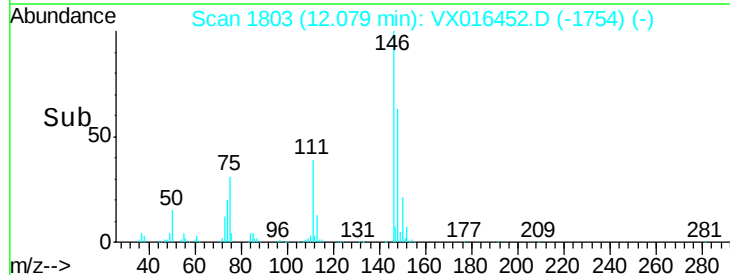
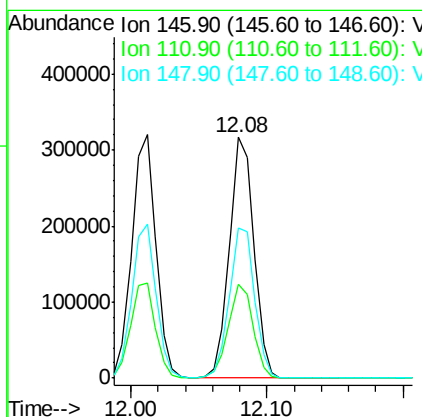
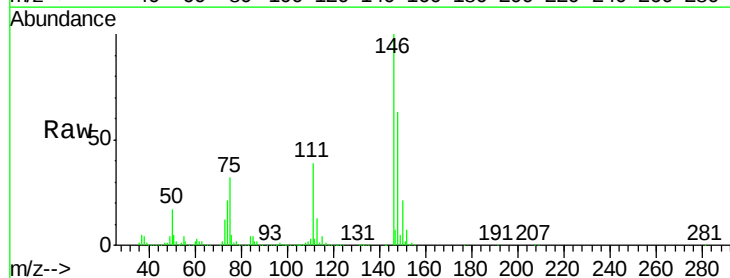
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

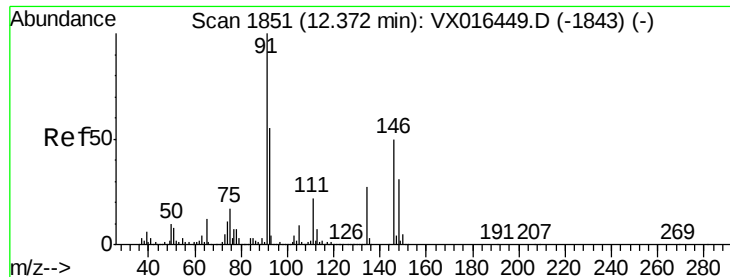
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	63.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.299 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	64.0	31.4	94.3

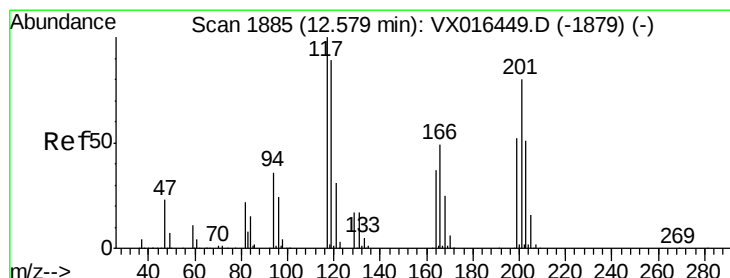
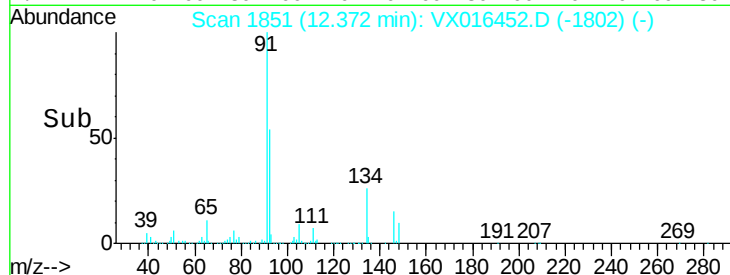
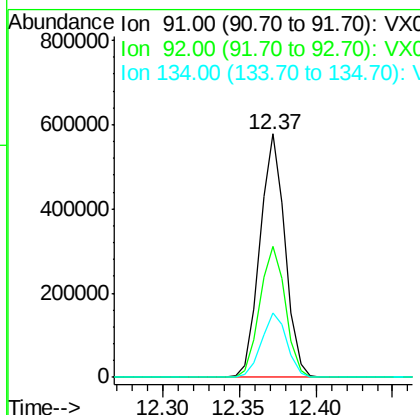
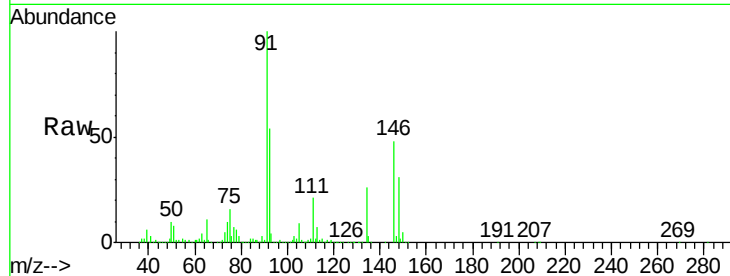




#89
n-Butylbenzene
Concen: 57.954 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

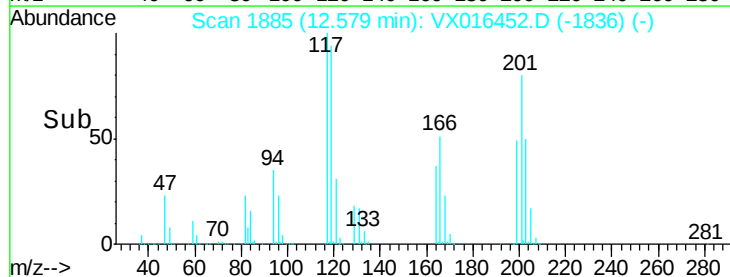
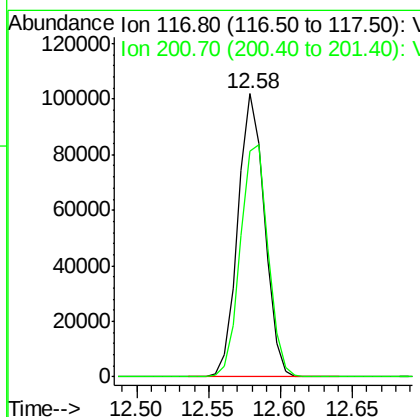
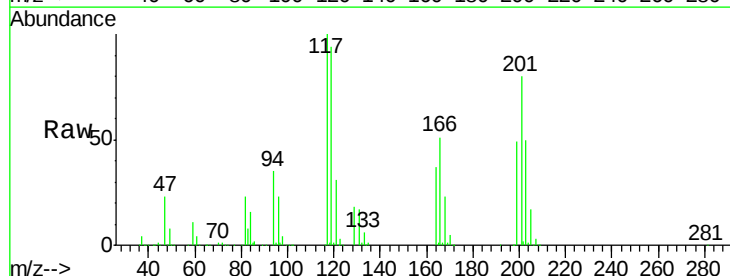
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

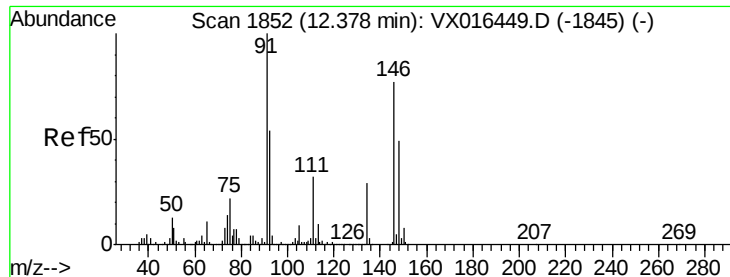
Tot Ion: 91 Resp: 661890
Ion Ratio Lower Upper
91 100
92 55.3 27.2 81.5
134 26.7 13.1 39.3



#90
Hexachloroethane
Concen: 55.382 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion: 117 Resp: 131168
Ion Ratio Lower Upper
117 100
201 84.9 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 51.324 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052720

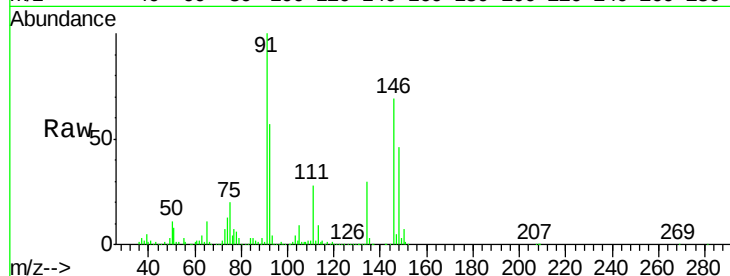
Tot Ion:146 Resp: 369537

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

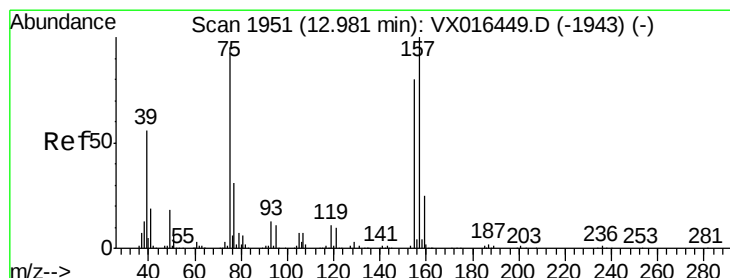
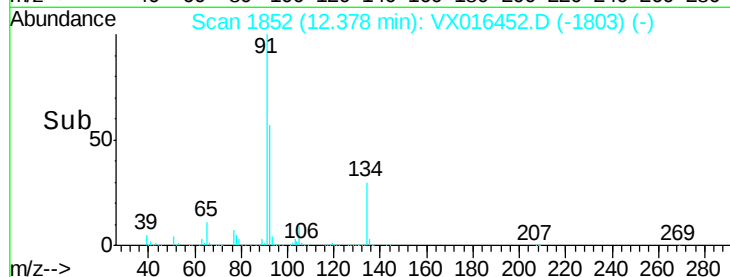
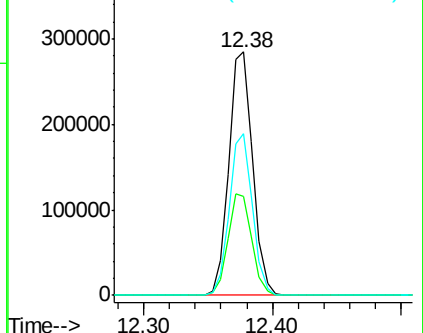
148 64.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.876 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016452.D

Acq: 27 May 2020 17:30

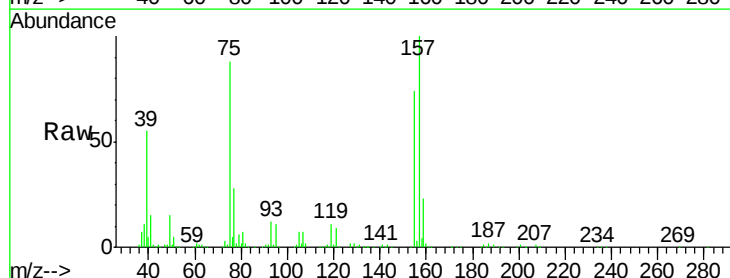
Tgt Ion: 75 Resp: 67546

Ion Ratio Lower Upper

75 100

155 91.3 44.1 132.4

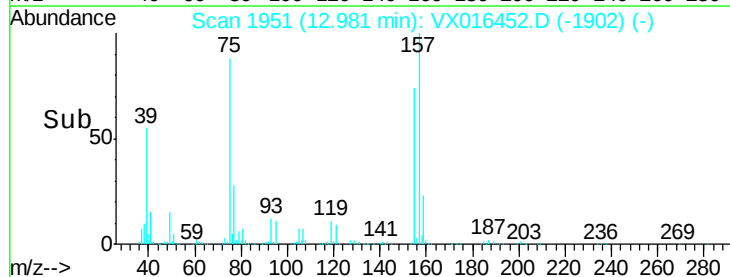
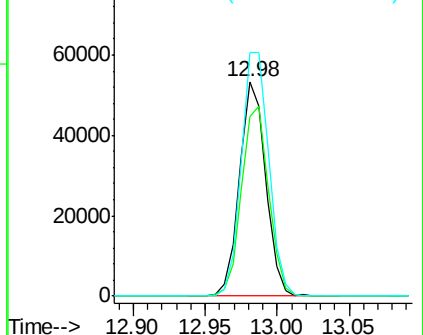
157 118.6 57.8 173.3

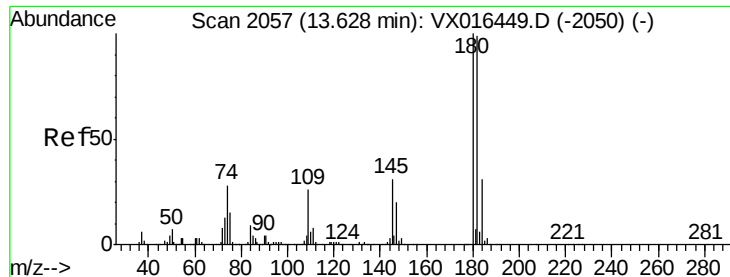


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

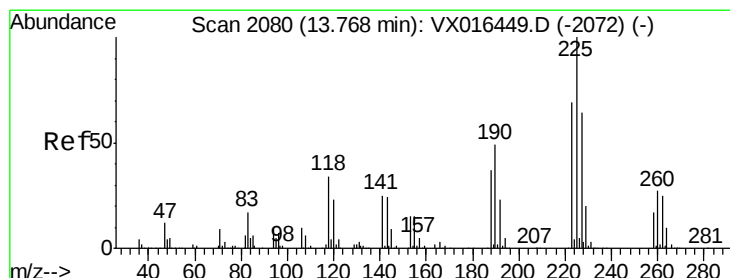
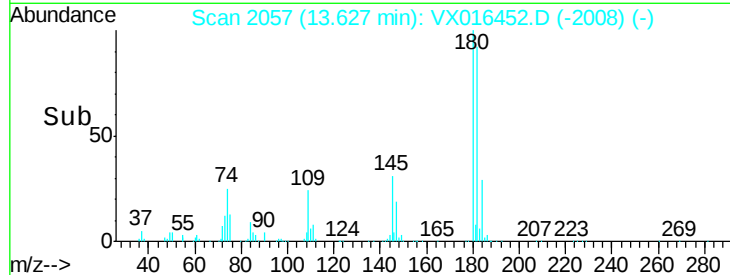
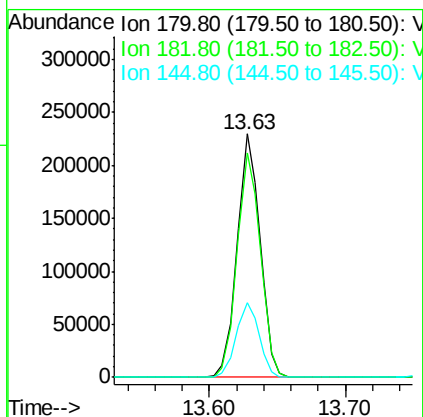
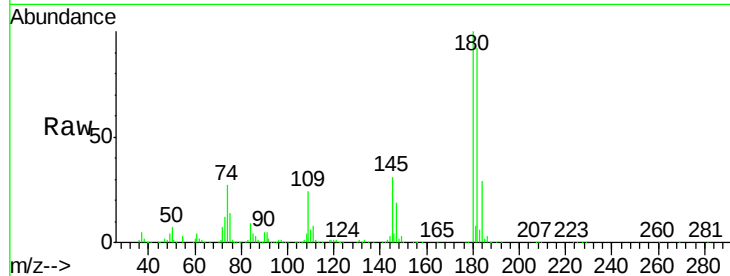




#93
 1,2,4-Trichlorobenzene
 Concen: 56.296 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

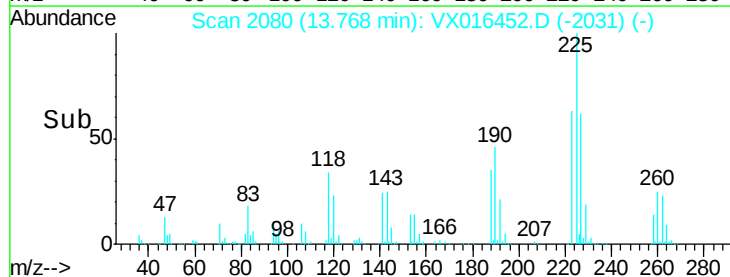
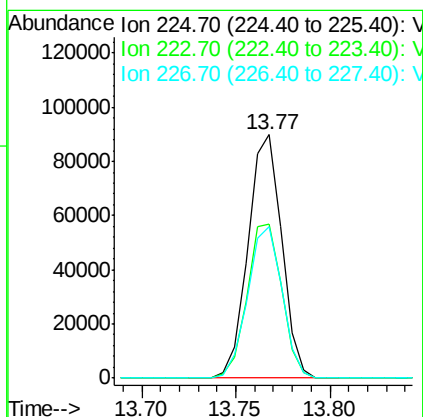
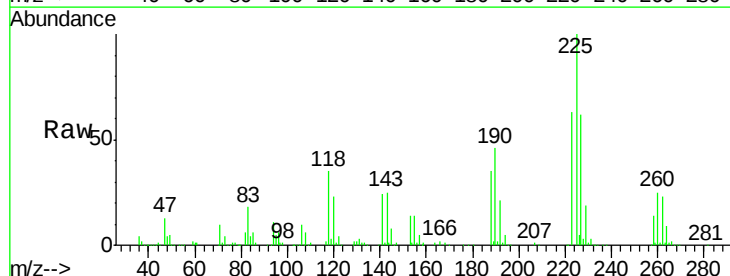
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052720

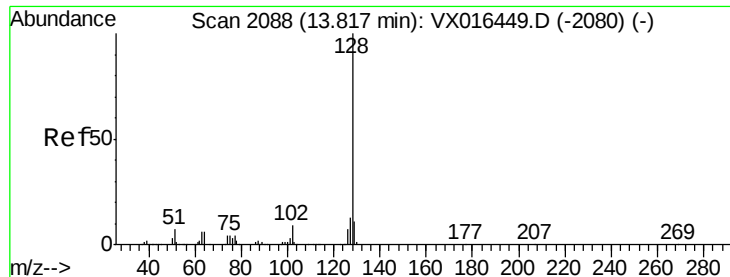
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.3	144.8
145	30.8	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 59.292 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016452.D
 Acq: 27 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.3	96.8
227	63.6	31.6	94.7

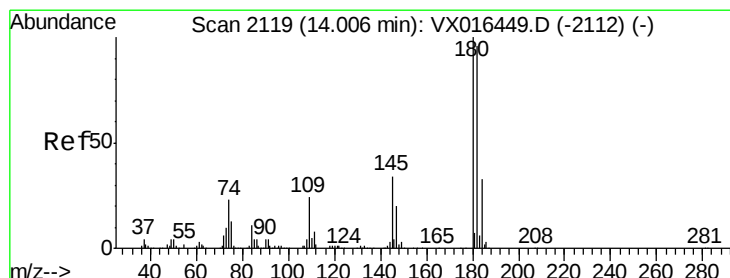
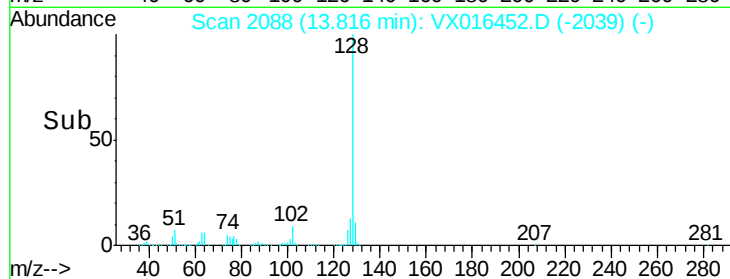
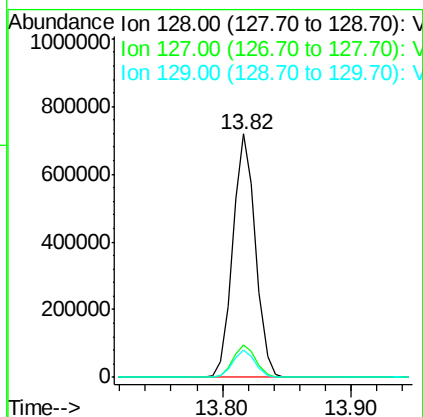
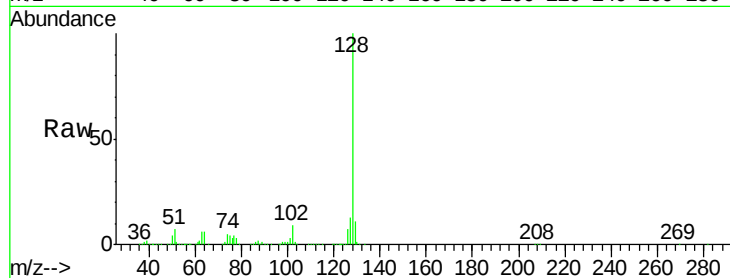




#95
Naphthalene
Concen: 53.763 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052720

Tot Ion:128 Resp: 881328
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.310 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016452.D
Acq: 27 May 2020 17:30

Tgt Ion:180 Resp: 259113
Ion Ratio Lower Upper
180 100
182 95.3 48.6 145.8
145 32.5 16.6 49.8

