

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072720\
 Data File : VX017612.D
 Acq On : 27 Jul 2020 12:40
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Quant Time: Jul 27 15:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	111270	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	589328	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	561903	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	256090	29.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.83%
60) 4-Bromofluorobenzene	11.12	95	287765	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.70	98	726255	29.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.37%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	188552	22.062 ug/l	94
3) Chloromethane	1.32	50	166811	20.177 ug/l	96
4) Vinyl Chloride	1.39	62	151310	18.389 ug/l	100
5) Bromomethane	1.63	94	102635	20.198 ug/l	93
6) Chloroethane	1.72	64	84378	18.198 ug/l	96
7) Trichlorofluoromethane	1.92	101	226347	17.766 ug/l	100
8) Diethyl Ether	2.17	74	66169	18.015 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97630	16.927 ug/l	98
10) 1,1-Dichloroethene	2.36	96	87778	16.399 ug/l	96
11) Methyl Iodide	2.49	142	109239	16.212 ug/l	97
12) Methyl Acetate	2.75	43	156297	19.200 ug/l	98
13) Acrolein	2.27	56	111355	92.320 ug/l	99
14) Acrylonitrile	3.11	53	334449	98.270 ug/l	99
15) Acetone	2.42	58	85068	91.504 ug/l	98
16) Carbon Disulfide	2.55	76	263121	18.542 ug/l	100
17) Allyl chloride	2.70	41	179472	17.637 ug/l	95
18) Methylene Chloride	2.83	84	114093	18.166 ug/l	96
19) trans-1,2-Dichloroethene	3.14	96	106284	18.582 ug/l	98
20) Diisopropyl ether	3.82	45	404311	19.842 ug/l	94
21) 1,1-Dichloroethane	3.67	63	208939	19.158 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	131282	19.426 ug/l	98
23) tert-Butyl Alcohol	3.01	59	155180	97.273 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	403915	18.962 ug/l	97
25) Chloroform	5.17	83	224310	18.517 ug/l	92
26) Cyclohexane	5.54	56	195822	20.188 ug/l	# 97
29) 1,1-Dichloropropene	5.76	75	154379	18.425 ug/l	99
30) 2-Butanone	4.63	43	483195	101.868 ug/l	100
31) 2,2-Dichloropropane	4.54	77	189976	17.585 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	204292	18.036 ug/l	97
33) Carbon Tetrachloride	5.75	117	186682	17.831 ug/l	95
34) Benzene	6.11	78	444960	18.783 ug/l	99
35) Methacrylonitrile	5.01	41	101323	19.197 ug/l	95
36) 1,2-Dichloroethane	6.16	62	189455	18.819 ug/l	99
37) Trichloroethene	7.18	130	140957	19.384 ug/l	98
38) Methylcyclohexane	7.44	83	192940	18.196 ug/l	97
39) 1,2-Dichloropropane	7.49	63	125577	18.985 ug/l	99
40) Dibromomethane	7.63	93	89312	19.020 ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	192056	18.469	ug/l	94
42) Vinyl Acetate	3.78	43	1514944	96.700	ug/l	100
43) Ethyl Acetate	4.79	43	171192	19.591	ug/l	99
44) Isopropyl Acetate	6.41	43	291232	19.192	ug/l	98
45) 1,4-Dioxane	7.71	88	63854	405.582	ug/l	96
46) Methyl methacrylate	7.74	41	149831	19.438	ug/l	95
47) n-amyl Acetate	10.88	43	263580	19.942	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	210959	18.623	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	221082	18.242	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	136507	20.291	ug/l	98
51) Ethyl methacrylate	9.16	69	199706	19.687	ug/l	95
52) 1,3-Dichloropropane	9.35	76	217605	19.841	ug/l	99
53) Dibromochloromethane	9.56	129	164285	19.228	ug/l	98
54) 1,2-Dibromoethane	9.65	107	139233	19.029	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	507429	93.630	ug/l	99
56) Bromoform	10.84	173	124404	19.076	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	970985	96.820	ug/l	99
59) 2-Hexanone	9.47	43	738188	104.589	ug/l	98
61) Tetrachloroethene	9.32	164	143034	18.682	ug/l	97
62) Toluene	8.76	91	514311	18.418	ug/l	99
64) Chlorobenzene	10.12	112	351741	19.273	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	146984	19.256	ug/l	98
66) Ethyl Benzene	10.23	91	584815	18.971	ug/l	99
67) m/p-Xylenes	10.34	106	458717	39.718	ug/l	96
68) o-Xylene	10.68	106	220674	19.234	ug/l	96
69) Styrene	10.70	104	390096	19.502	ug/l	99
70) Isopropylbenzene	11.00	105	610720	18.224	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	190578	20.404	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	246983	26.375	ug/l	92
73) Bromobenzene	11.24	156	167335	18.905	ug/l	98
74) n-propylbenzene	11.34	91	715528	18.944	ug/l	100
75) 2-Chlorotoluene	11.40	91	426654	18.773	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	536919	19.353	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	72014	18.899	ug/l	98
78) 4-Chlorotoluene	11.49	91	511034	19.290	ug/l	100
79) tert-butylbenzene	11.76	119	513518	18.888	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	542218	18.936	ug/l	99
81) sec-Butylbenzene	11.93	105	601289	18.537	ug/l	100
82) p-Isopropyltoluene	12.05	119	574707	19.089	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	300516	18.937	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	301529	19.096	ug/l	99
85) n-Butylbenzene	12.37	91	513641	17.871	ug/l	99
86) Hexachloroethane	12.58	117	106411	16.978	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	287947	18.098	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	49299	18.688	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	210499	18.031	ug/l	97
90) Hexachlorobutadiene	13.77	225	94651	17.897	ug/l	97
91) Naphthalene	13.82	128	627728	18.223	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	213568	19.172	ug/l	98

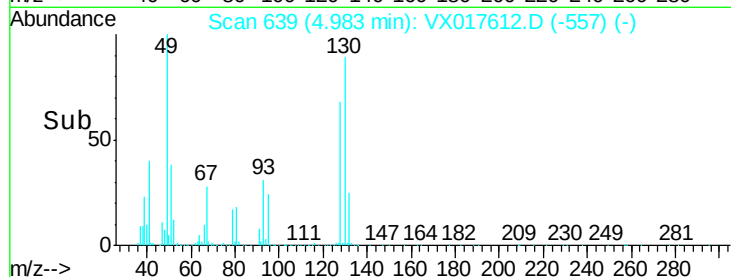
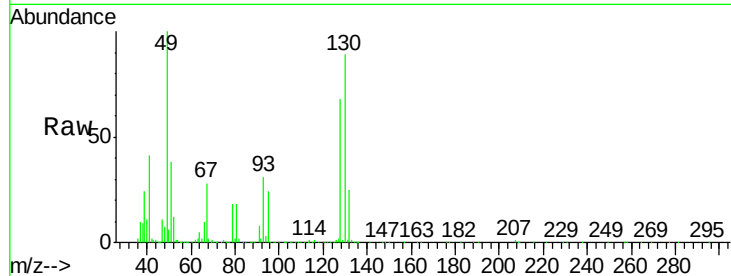
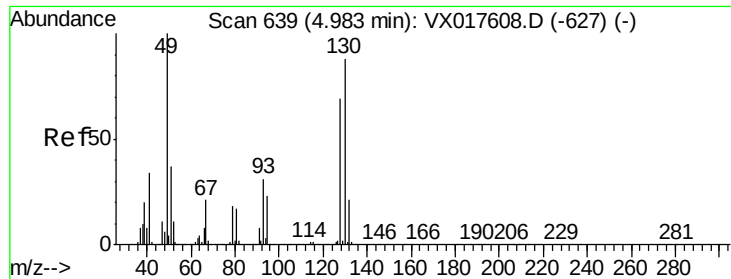
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

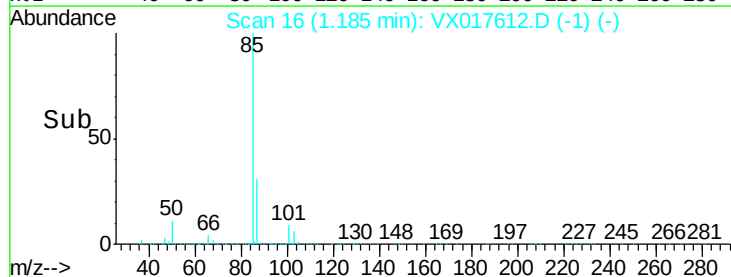
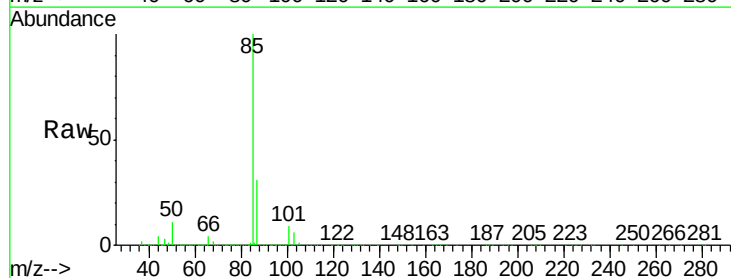
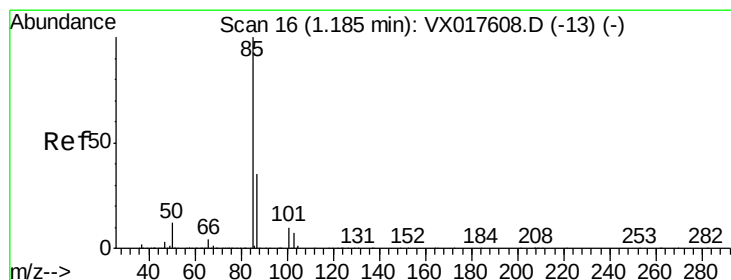
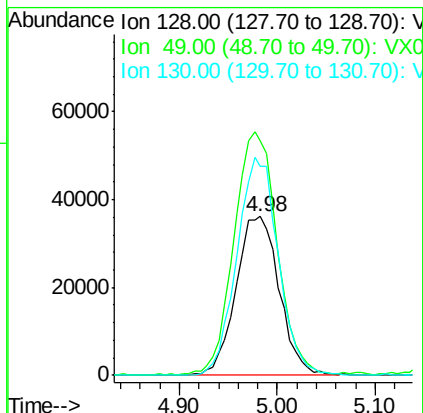
Tgt Ion:128 Resp: 111270

Ion Ratio Lower Upper

128 100

49 150.8 0.0 376.0

130 131.9 0.0 323.0



#2

Dichlorodifluoromethane

Concen: 22.062 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017612.D

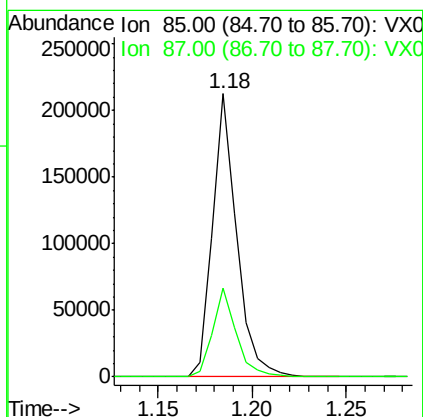
Acq: 27 Jul 2020 12:40

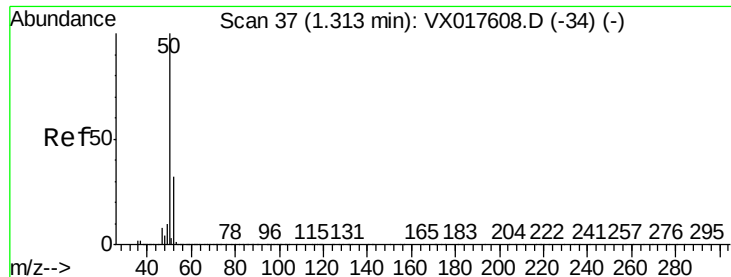
Tgt Ion: 85 Resp: 188552

Ion Ratio Lower Upper

85 100

87 31.4 17.3 51.9





#3

Chloromethane

Concen: 20.177 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

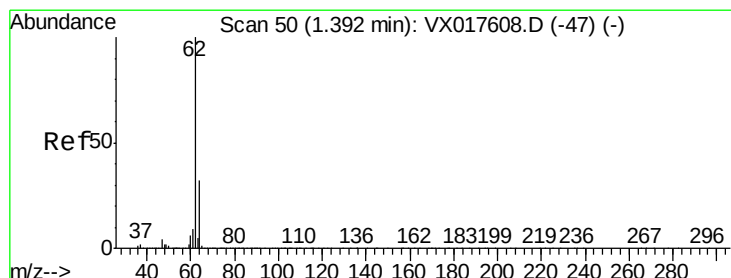
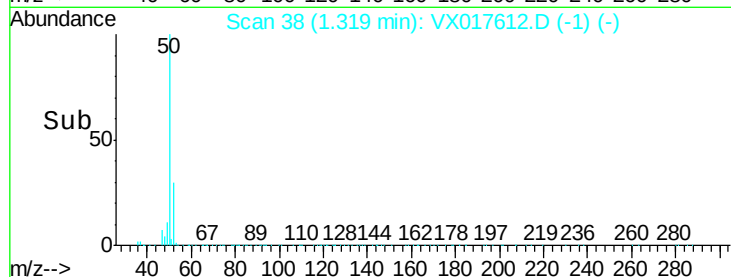
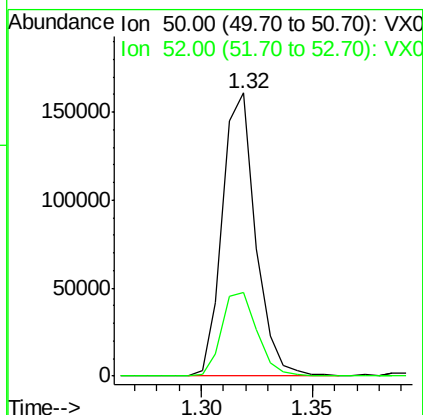
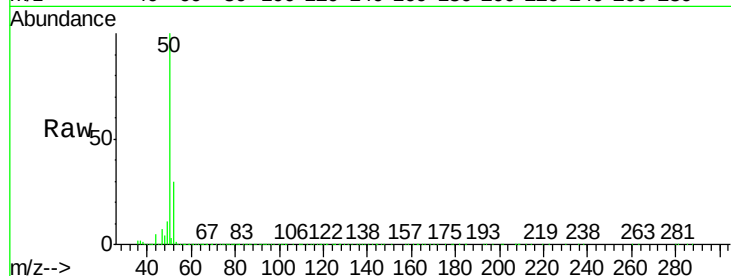
ICVVX072720

Tgt Ion: 50 Resp: 166811

Ion Ratio Lower Upper

50 100

52 29.5 25.5 38.3



#4

Vinyl Chloride

Concen: 18.389 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017612.D

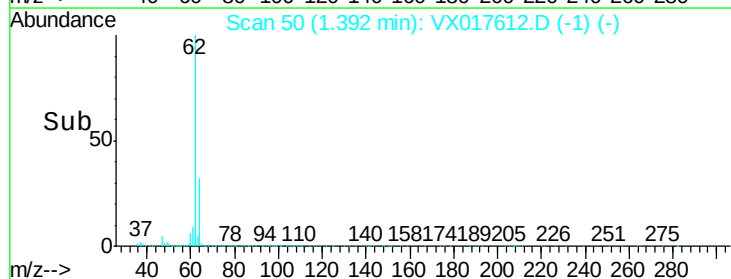
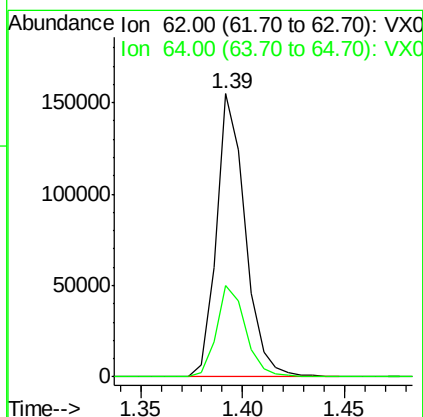
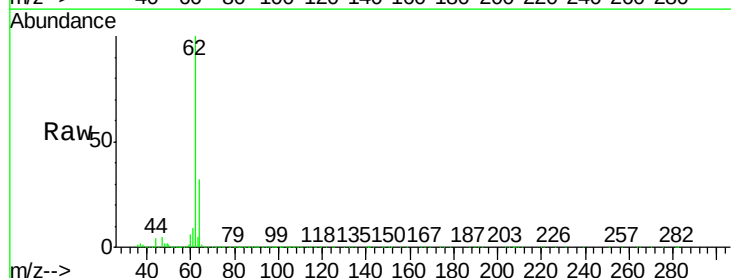
Acq: 27 Jul 2020 12:40

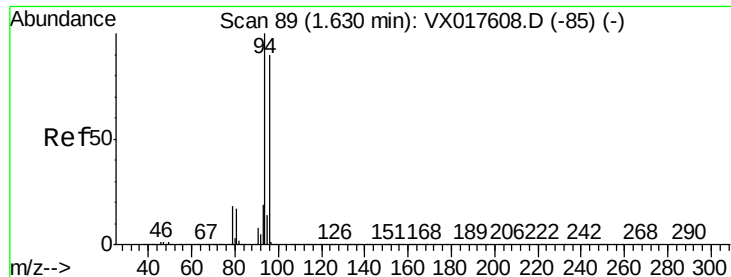
Tgt Ion: 62 Resp: 151310

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 20.198 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

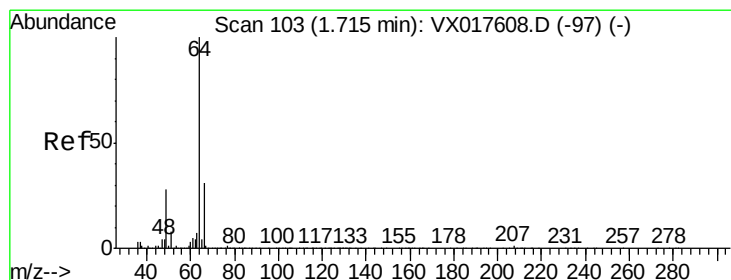
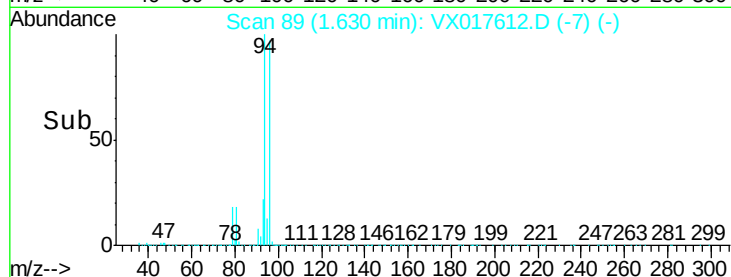
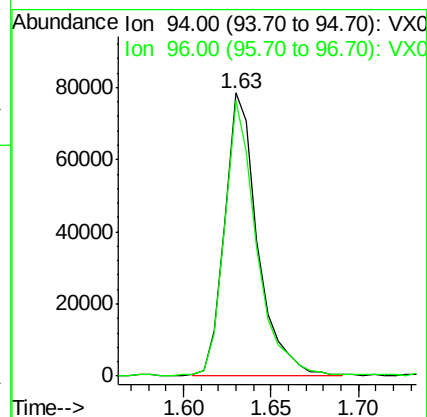
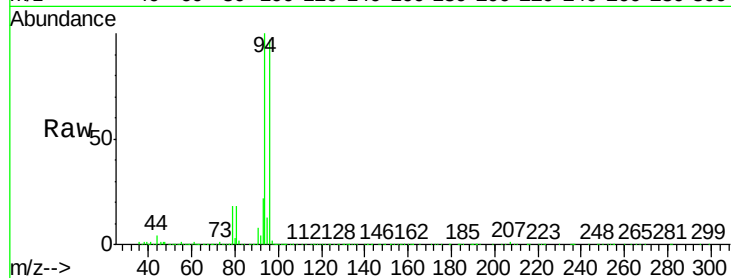
ICVVX072720

Tgt Ion: 94 Resp: 102635

Ion Ratio Lower Upper

94 100

96 97.4 72.5 108.7



#6

Chloroethane

Concen: 18.198 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017612.D

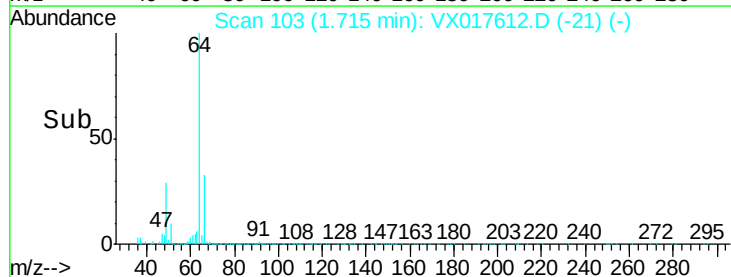
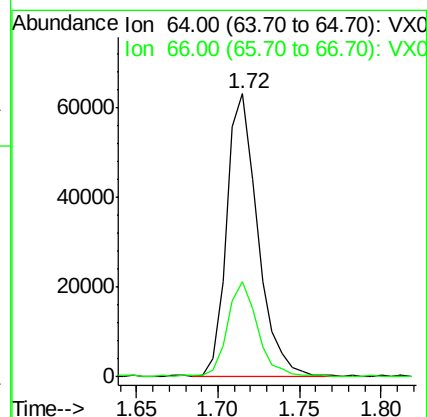
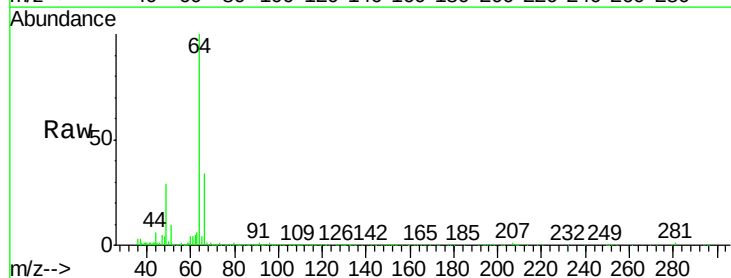
Acq: 27 Jul 2020 12:40

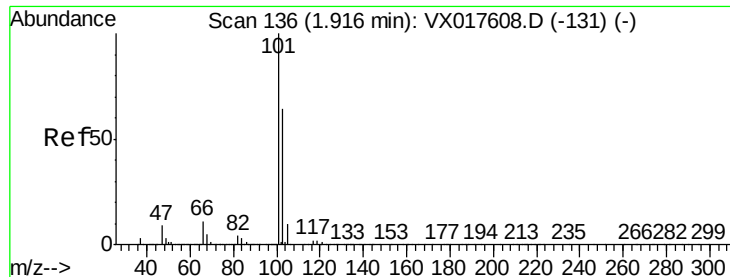
Tgt Ion: 64 Resp: 84378

Ion Ratio Lower Upper

64 100

66 33.4 25.1 37.7



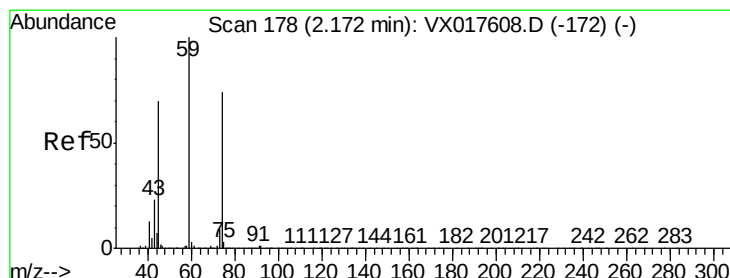
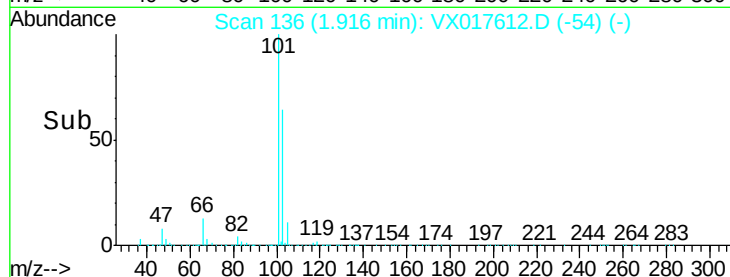
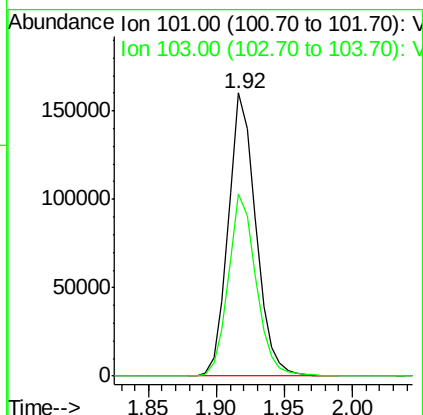
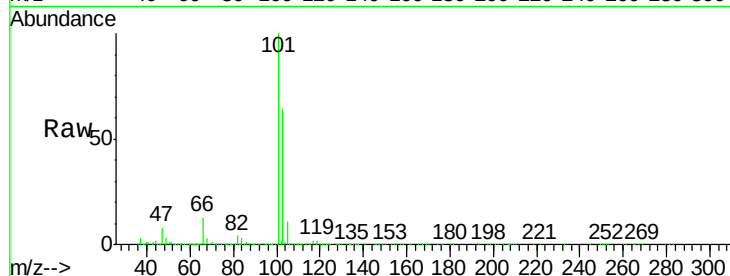


#7

Trichlorofluoromethane
 Concen: 17.766 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017612.D
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 MSVOA_X
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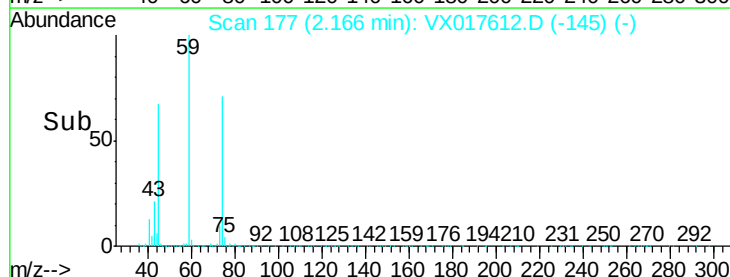
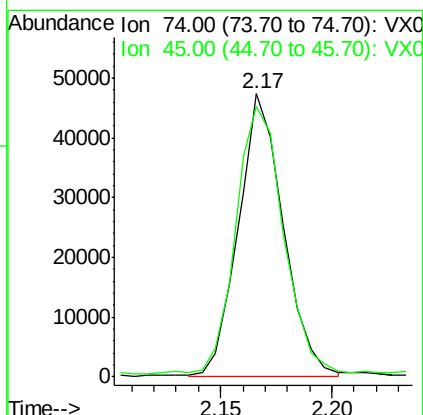
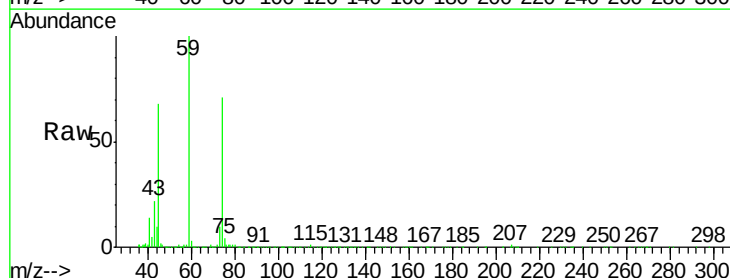
Tgt Ion: 101 Resp: 226347
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.3 76.9

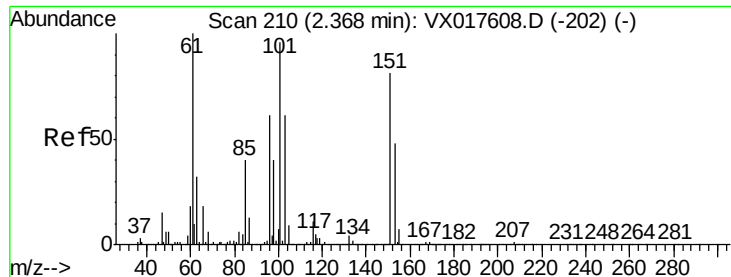


#8

Diethyl Ether
 Concen: 18.015 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion: 74 Resp: 66169
 Ion Ratio Lower Upper
 74 100
 45 100.9 21.1 190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.927 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

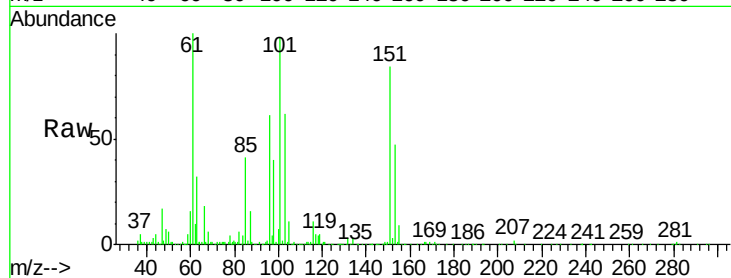
Tgt Ion:101 Resp: 97630

Ion Ratio Lower Upper

101 100

85 44.5 0.0 90.6

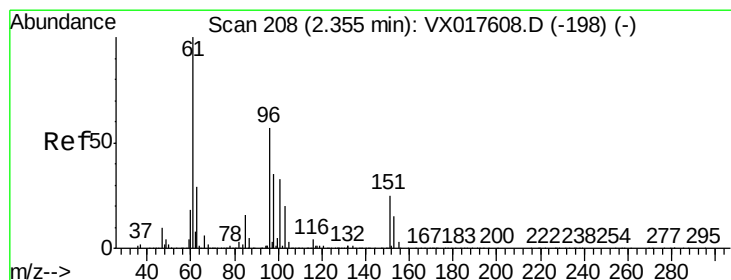
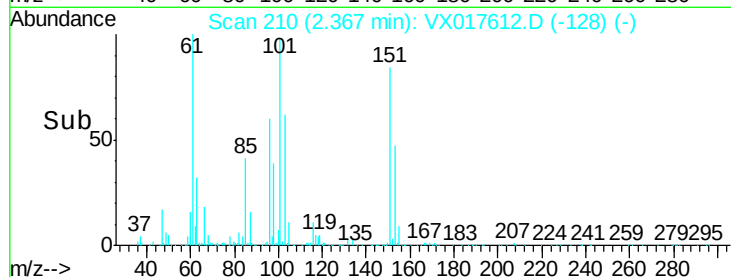
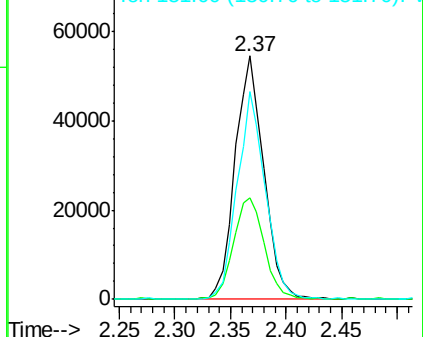
151 83.6 0.0 163.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.399 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

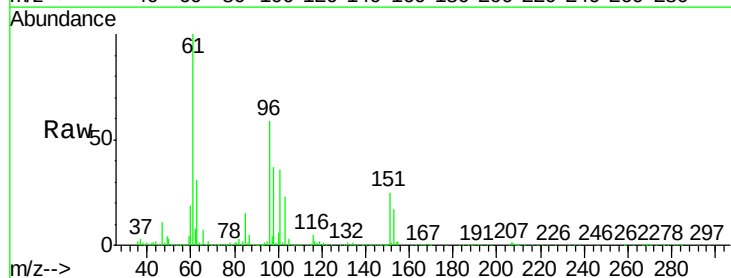
Tgt Ion: 96 Resp: 87778

Ion Ratio Lower Upper

96 100

61 169.8 141.2 211.8

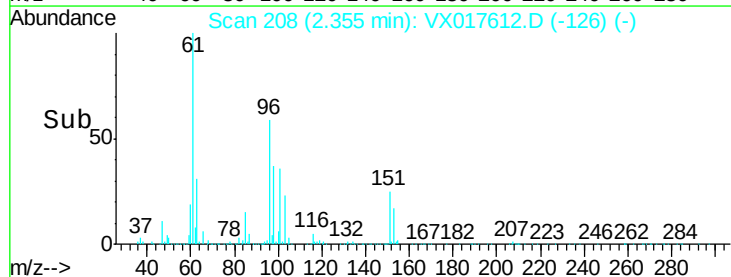
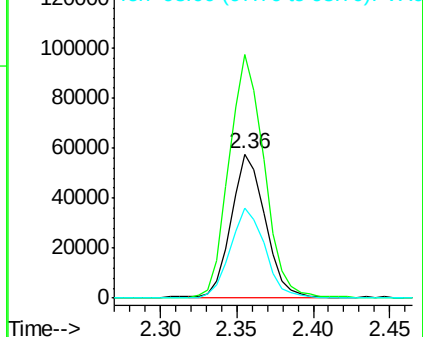
98 62.9 49.4 74.2

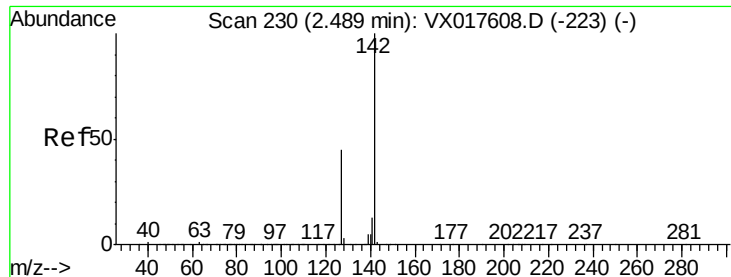


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

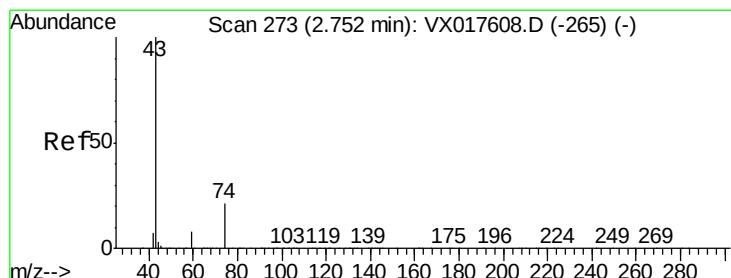
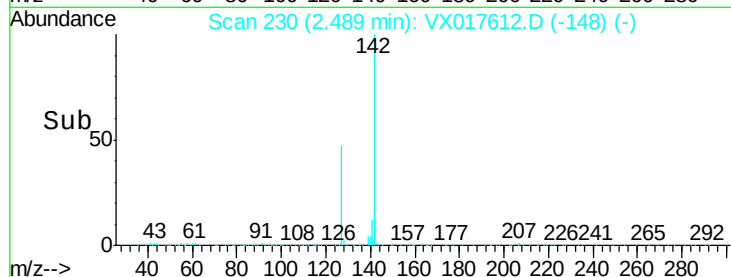
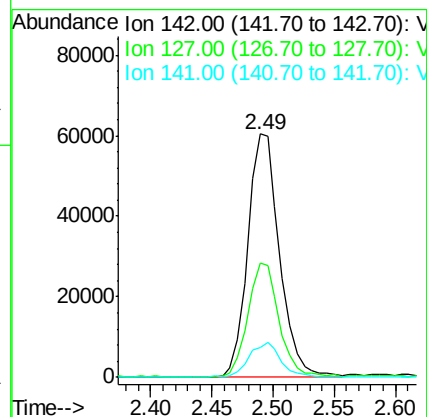
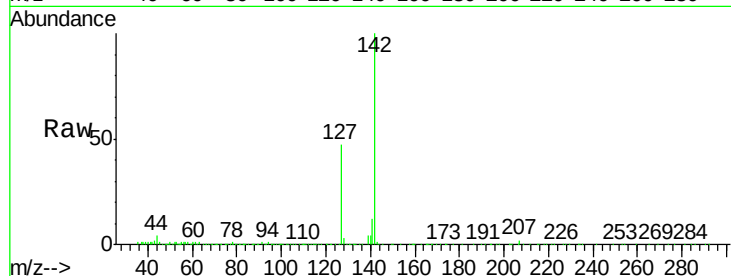




#11
Methyl Iodide
Concen: 16.212 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

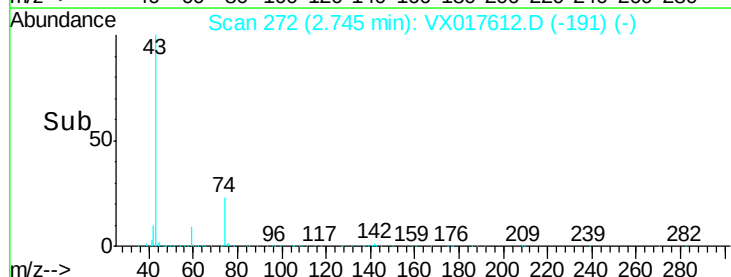
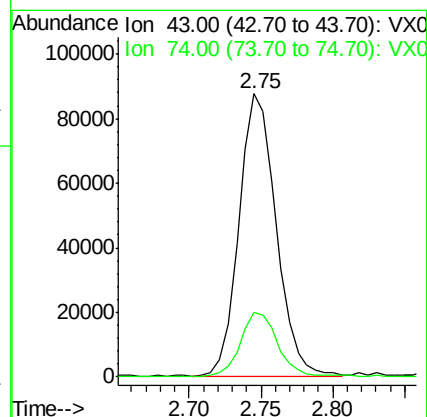
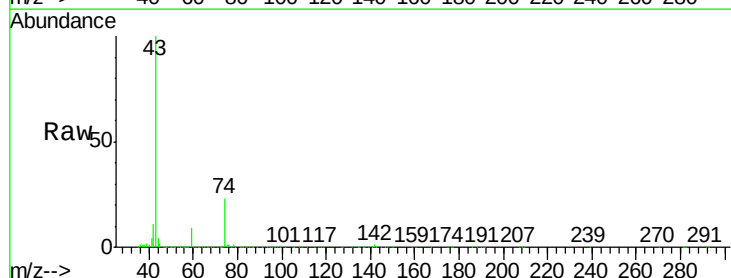
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

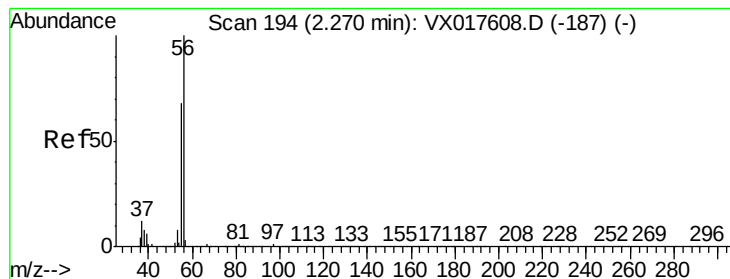
Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.9	22.4	67.0
141	12.4	6.6	19.7



#12
Methyl Acetate
Concen: 19.200 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.1	25.7





#13

Acrolein

Concen: 92.320 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

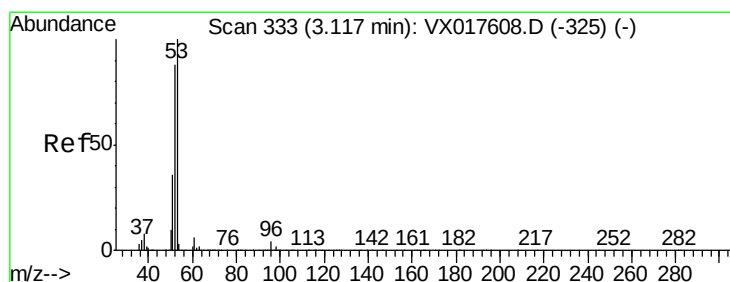
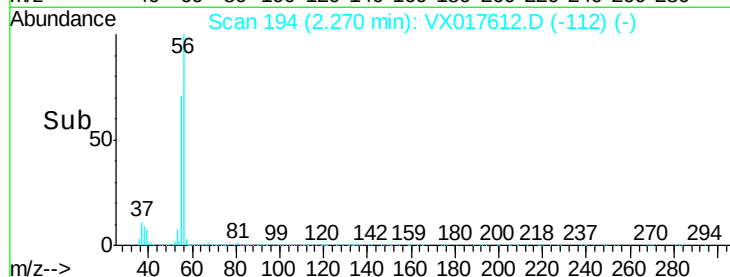
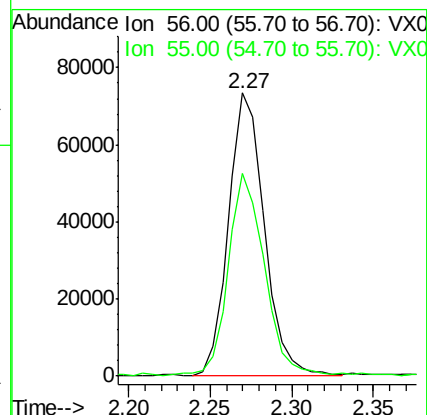
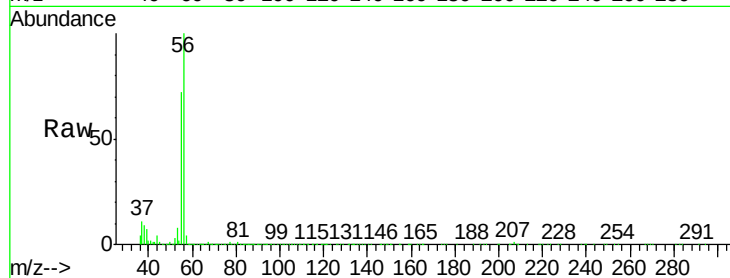
ICVVX072720

Tgt Ion: 56 Resp: 111355

Ion Ratio Lower Upper

56 100

55 72.4 57.2 85.8



#14

Acrylonitrile

Concen: 98.270 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

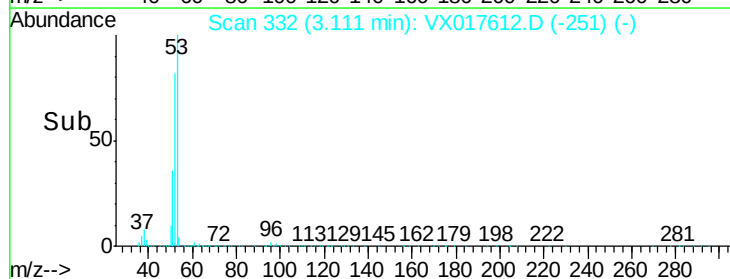
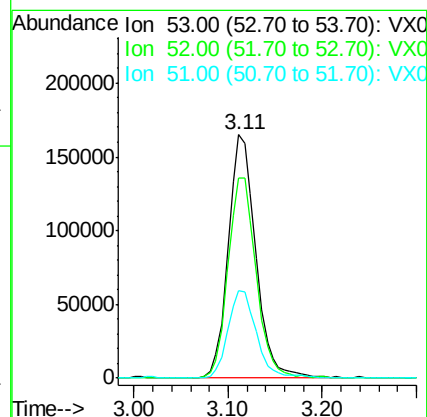
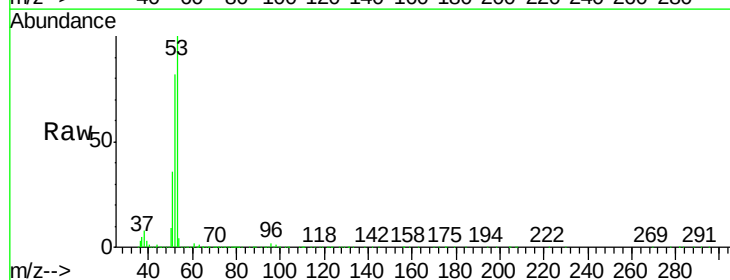
Tgt Ion: 53 Resp: 334449

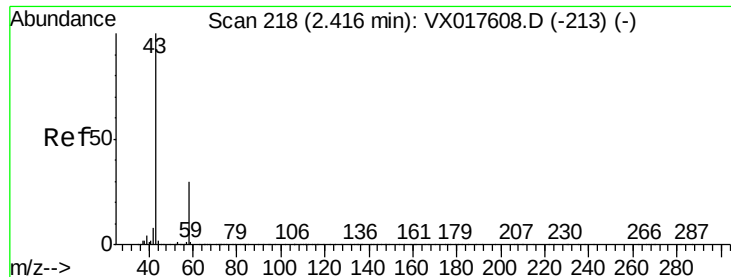
Ion Ratio Lower Upper

53 100

52 84.0 41.4 124.4

51 37.1 18.4 55.2





#15

Acetone

Concen: 91.504 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

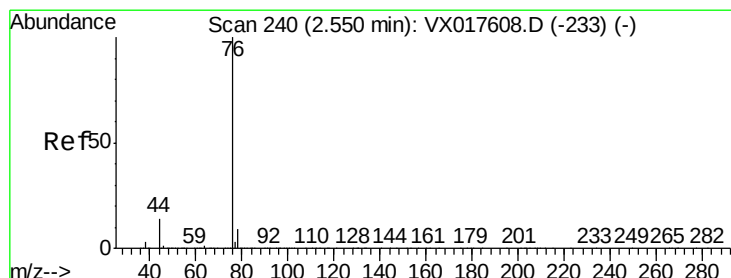
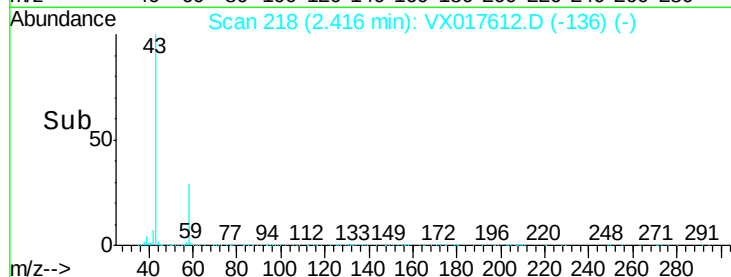
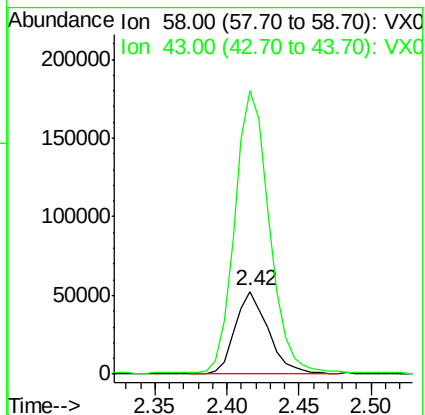
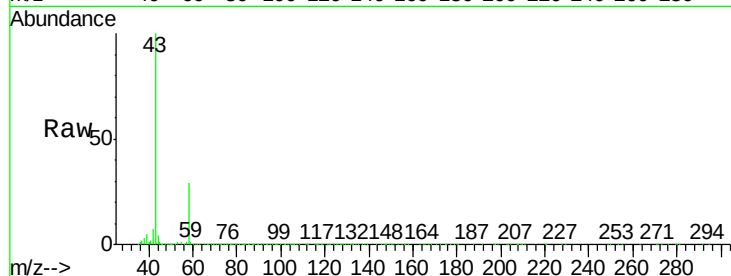
ICVVX072720

Tgt Ion: 58 Resp: 85068

Ion Ratio Lower Upper

58 100

43 339.5 268.6 402.8



#16

Carbon Disulfide

Concen: 18.542 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017612.D

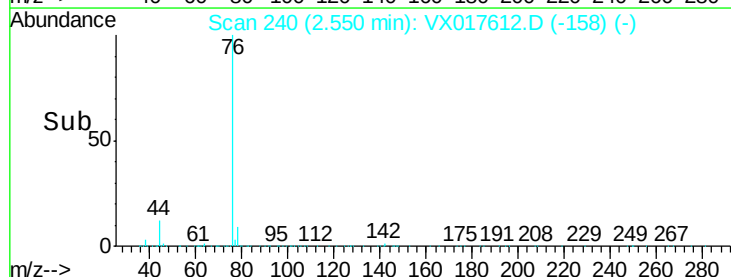
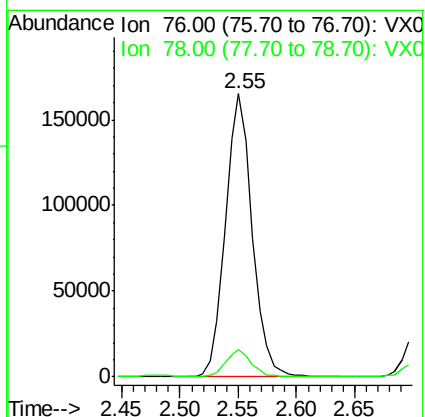
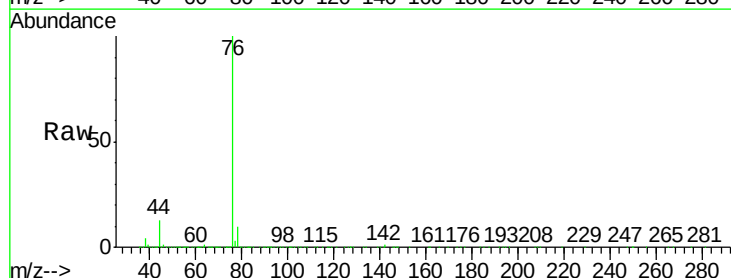
Acq: 27 Jul 2020 12:40

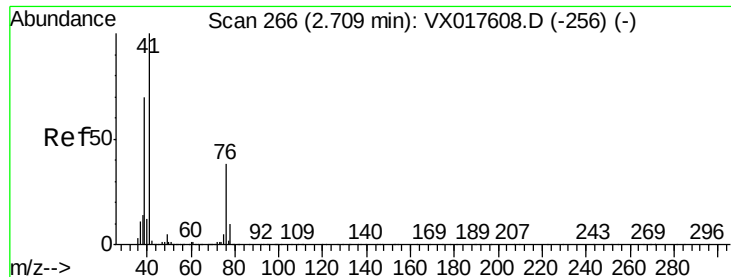
Tgt Ion: 76 Resp: 263121

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

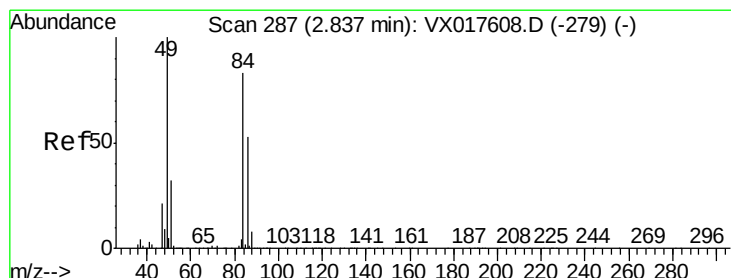
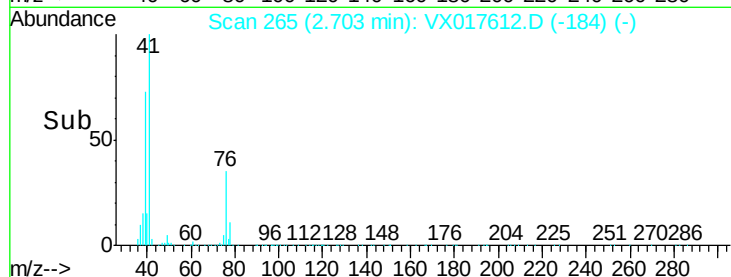
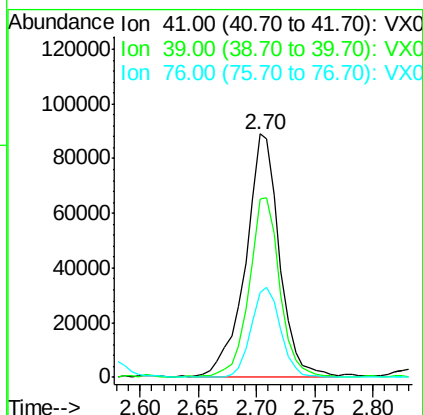
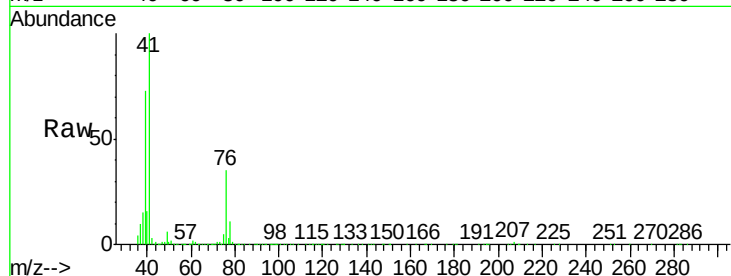




#17
 Allyl chloride
 Concen: 17.637 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

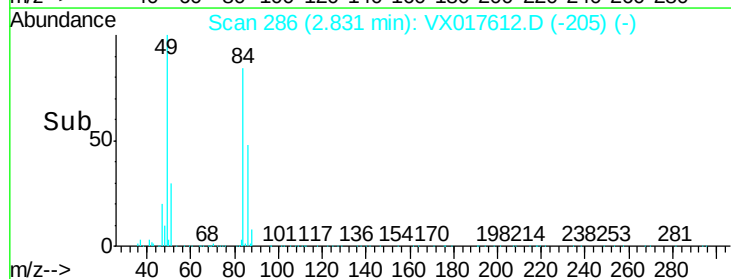
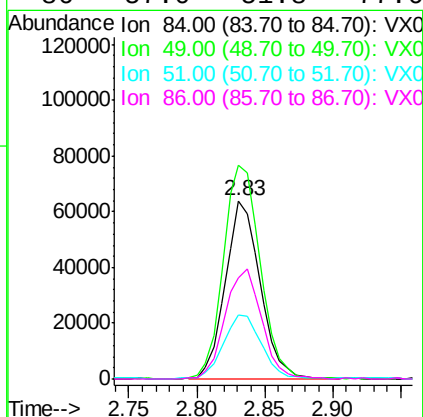
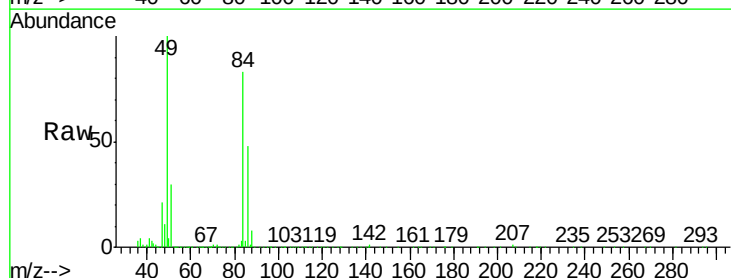
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

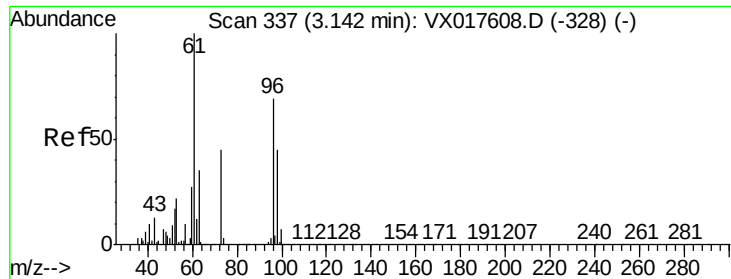
Tgt Ion: 41 Resp: 179472
 Ion Ratio Lower Upper
 41 100
 39 72.8 34.8 104.5
 76 34.6 19.1 57.3



#18
 Methylene Chloride
 Concen: 18.166 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion: 84 Resp: 114093
 Ion Ratio Lower Upper
 84 100
 49 119.9 96.7 145.1
 51 35.8 31.0 46.4
 86 57.0 51.8 77.6





#19

trans-1,2-Dichloroethene

Concen: 18.582 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

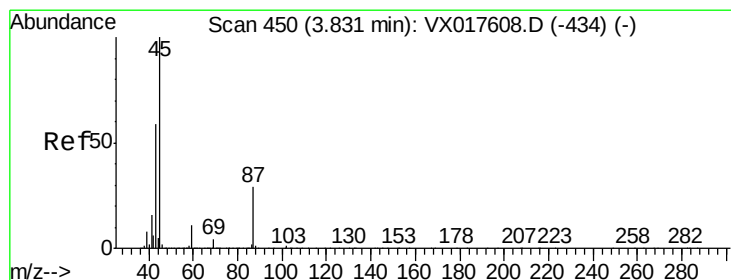
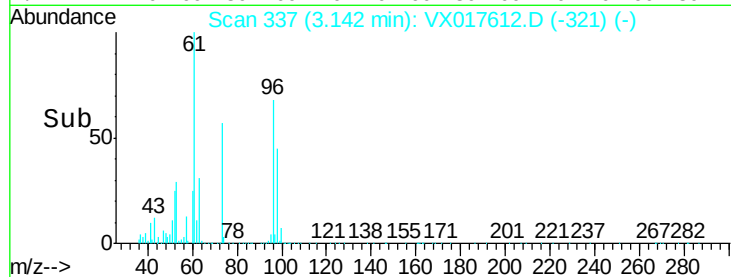
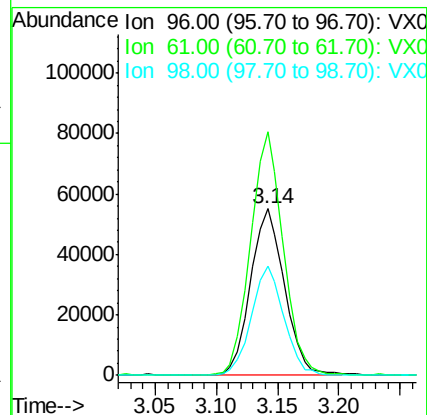
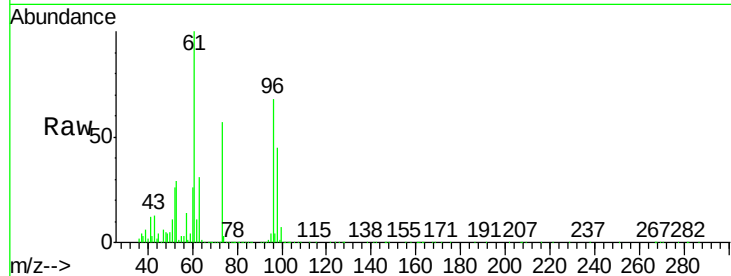
Tgt Ion: 96 Resp: 106284

Ion Ratio Lower Upper

96 100

61 146.2 115.0 172.6

98 65.3 51.6 77.4



#20

Diisopropyl ether

Concen: 19.842 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion: 45 Resp: 404311

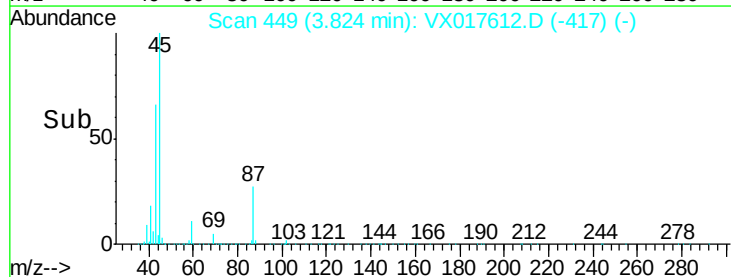
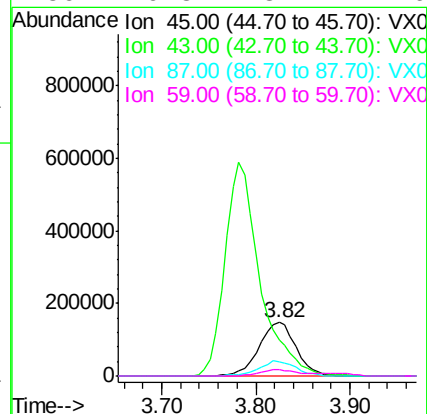
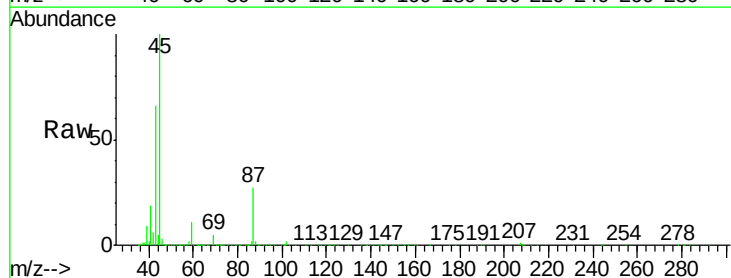
Ion Ratio Lower Upper

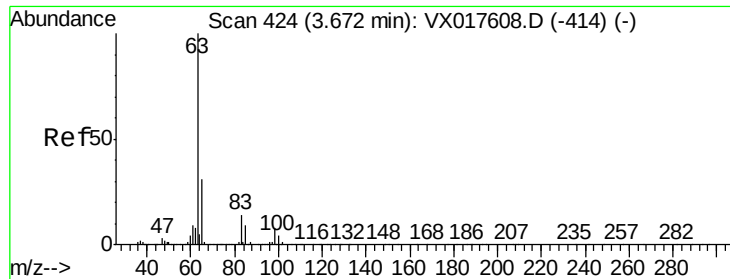
45 100

43 65.7 47.4 71.0

87 27.0 23.3 34.9

59 10.8 8.4 12.6





#21

1,1-Dichloroethane

Concen: 19.158 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

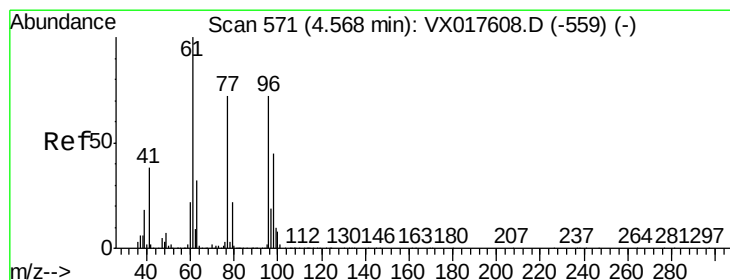
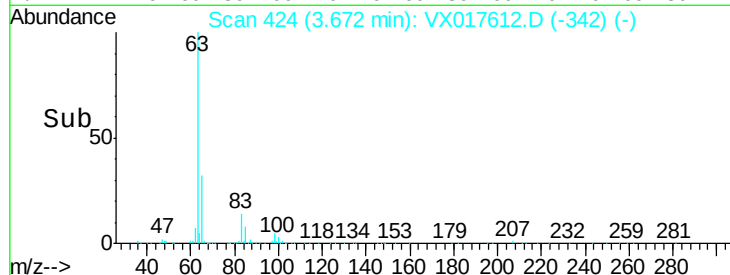
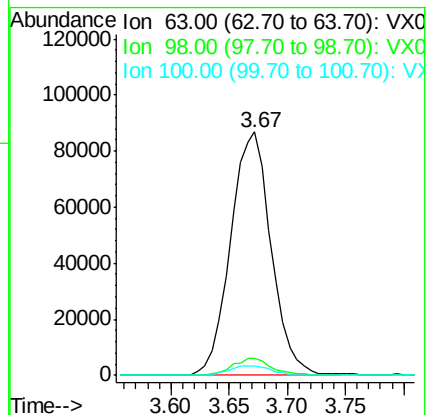
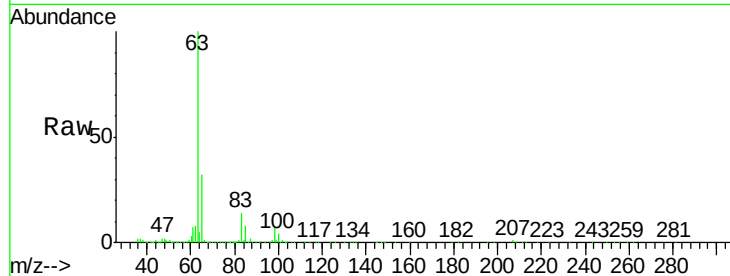
Tgt Ion: 63 Resp: 208939

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 3.8 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 19.426 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

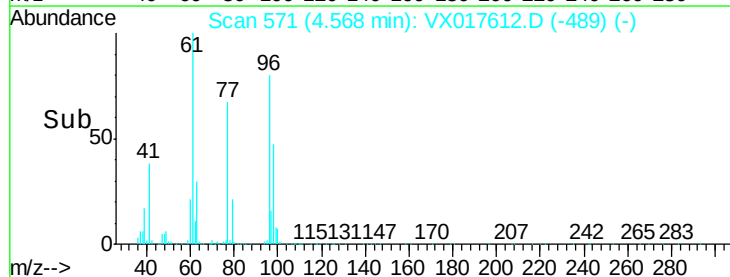
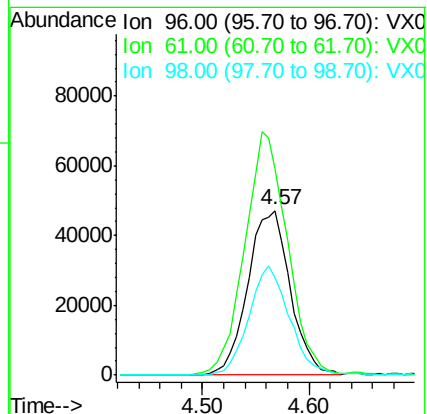
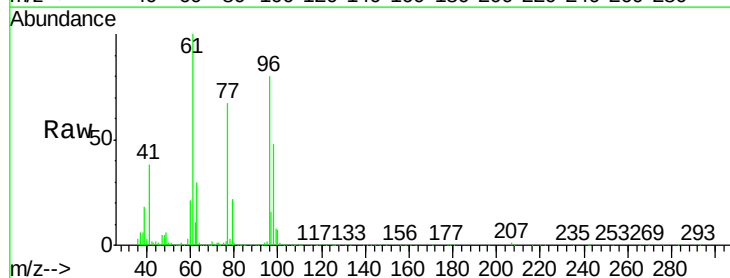
Tgt Ion: 96 Resp: 131282

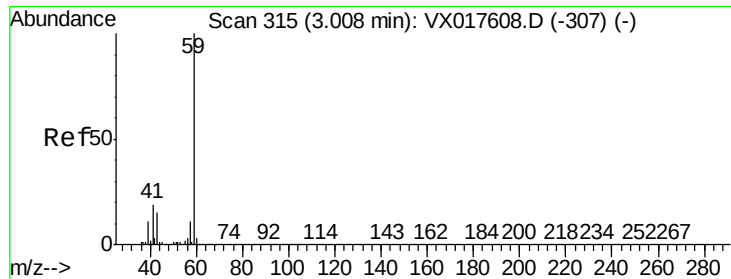
Ion Ratio Lower Upper

96 100

61 148.0 121.1 181.7

98 63.5 51.4 77.2



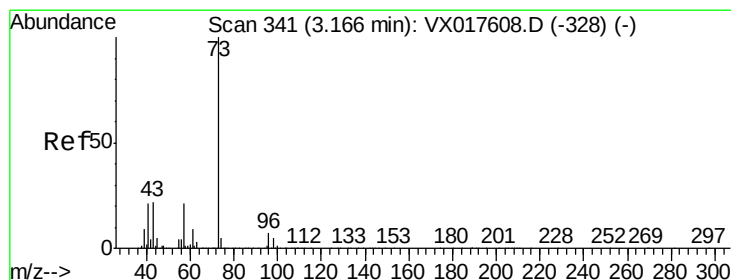
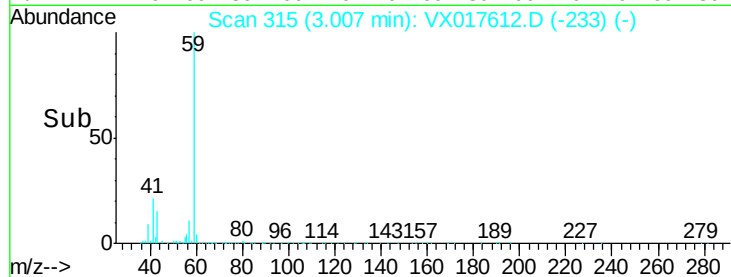
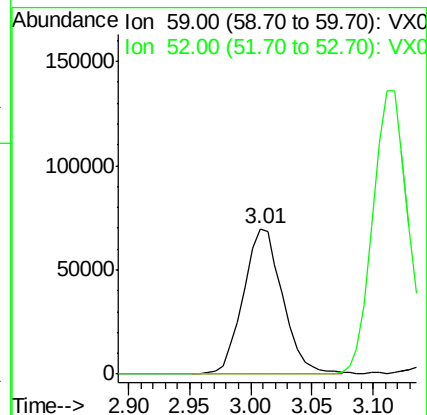
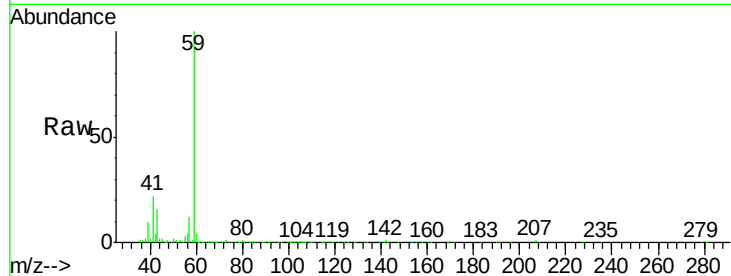


#23

tert-Butyl Alcohol
Concen: 97.273 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

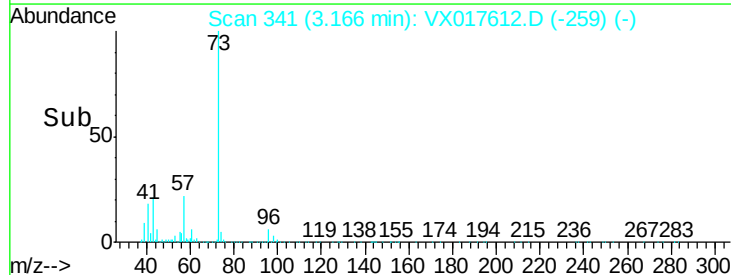
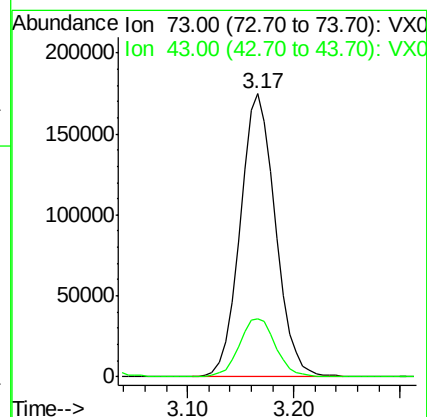
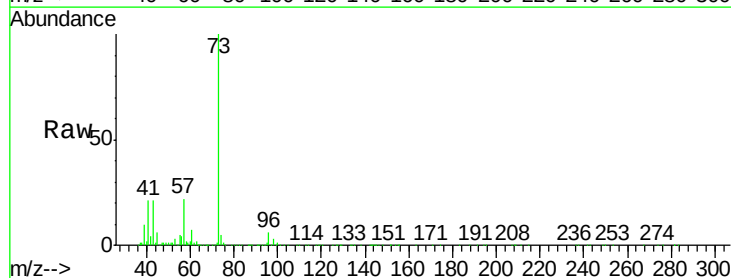
Tgt Ion: 59 Resp: 155180
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.4#

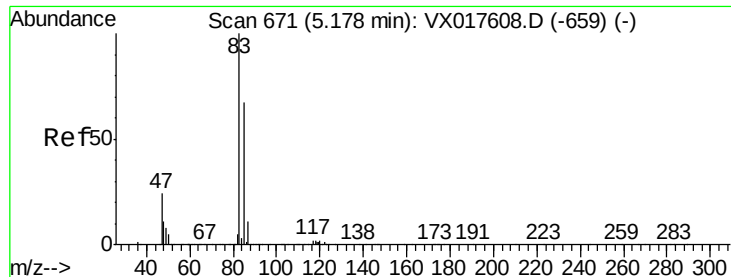


#24

Methyl tert-Butyl Ether
Concen: 18.962 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion: 73 Resp: 403915
Ion Ratio Lower Upper
73 100
43 21.4 18.1 27.1

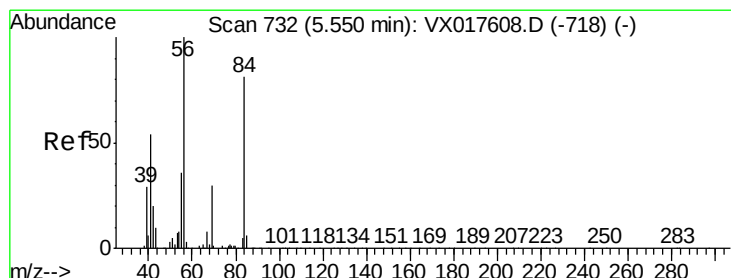
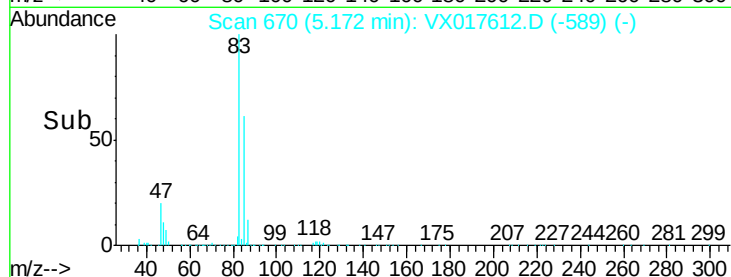
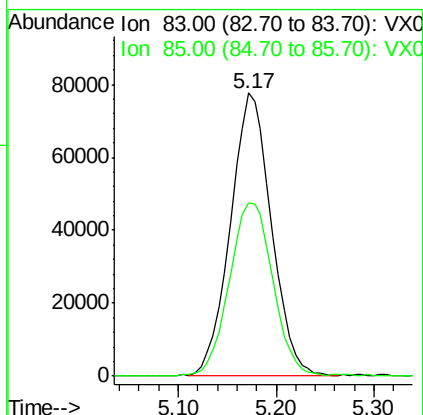
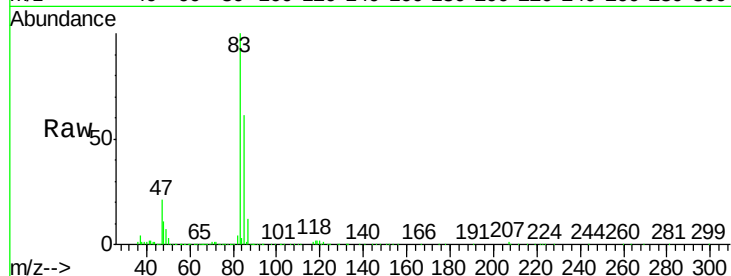




#25
Chloroform
Concen: 18.517 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

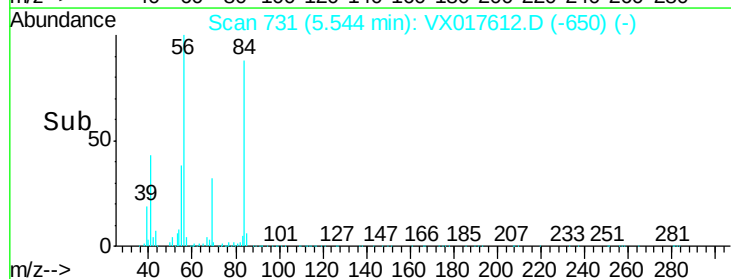
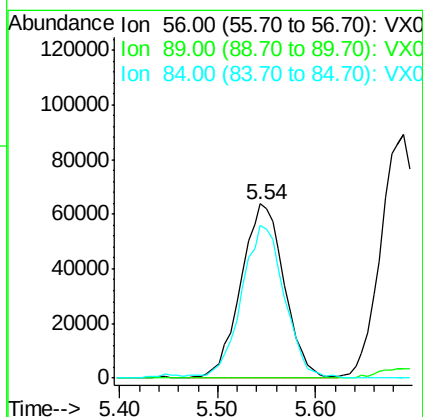
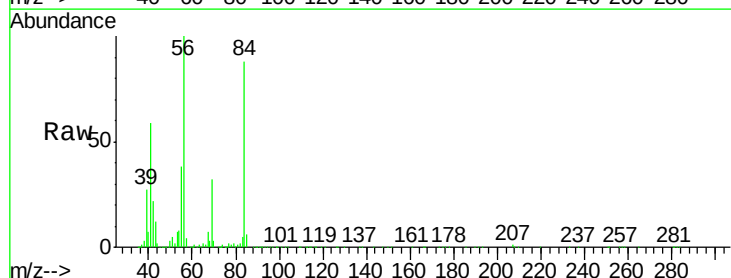
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

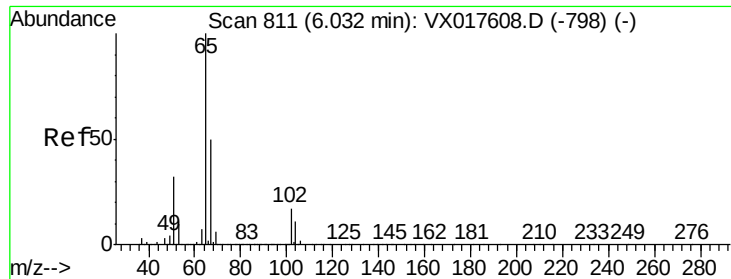
Tgt Ion: 83 Resp: 224310
Ion Ratio Lower Upper
83 100
85 60.8 53.7 80.5



#26
Cyclohexane
Concen: 20.188 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion: 56 Resp: 195822
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 84.2 69.3 103.9

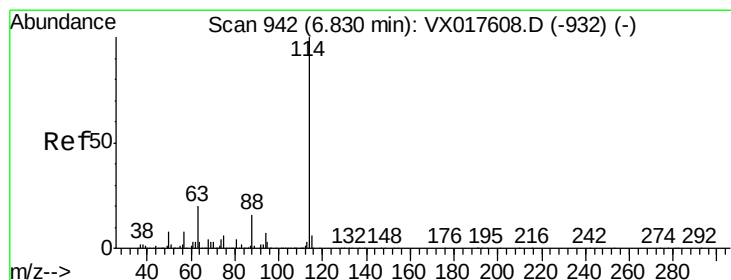
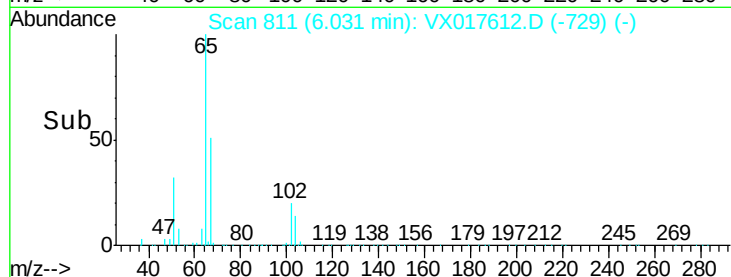
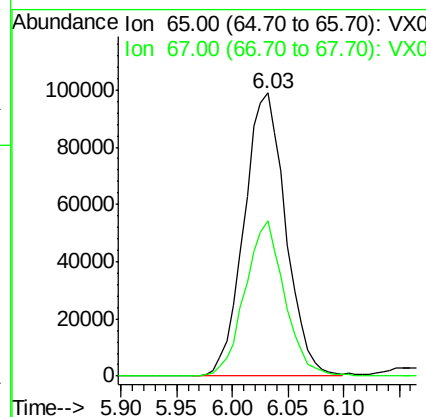
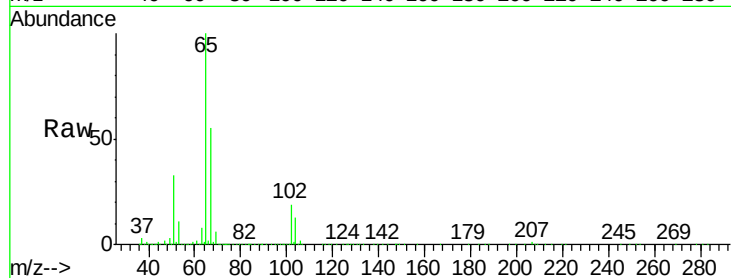




#27
 1,2-Dichloroethane-d4
 Concen: 29.951 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

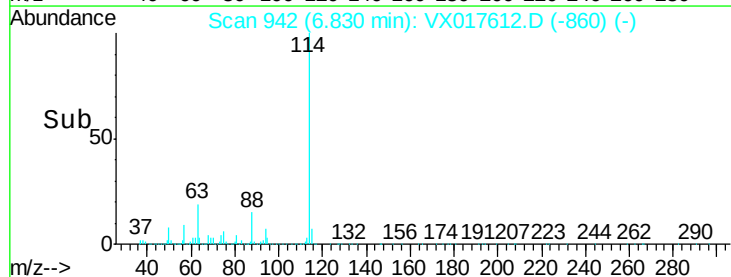
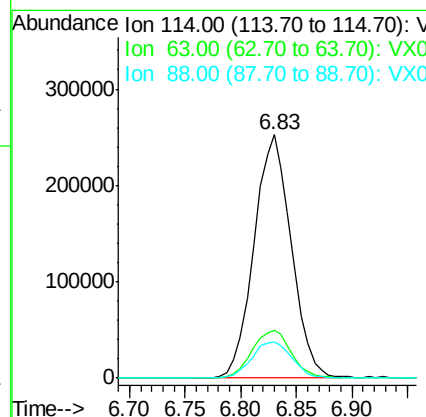
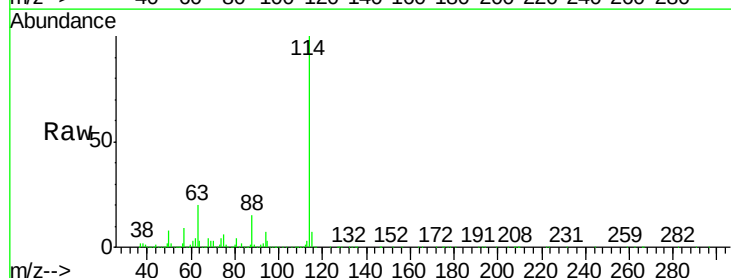
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

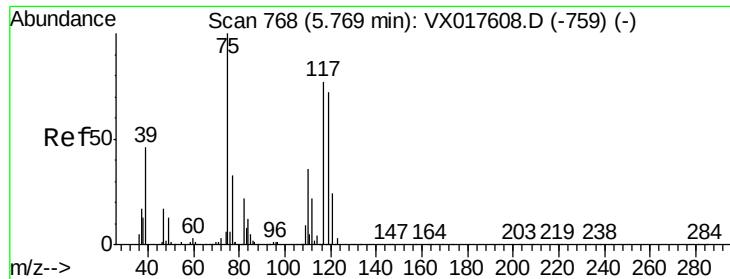
Tgt Ion: 65 Resp: 256090
 Ion Ratio Lower Upper
 65 100
 67 51.7 40.6 61.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion: 114 Resp: 589328
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.3 24.5
 88 16.0 12.6 18.8





#29

1,1-Dichloropropene

Concen: 18.425 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

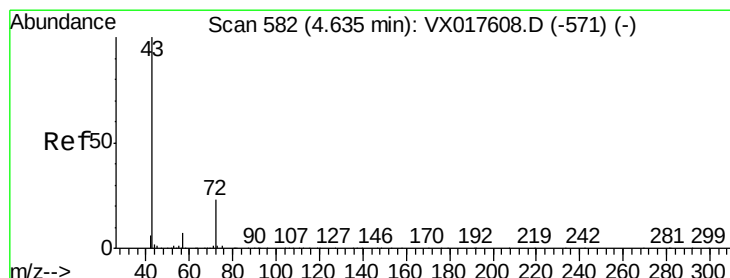
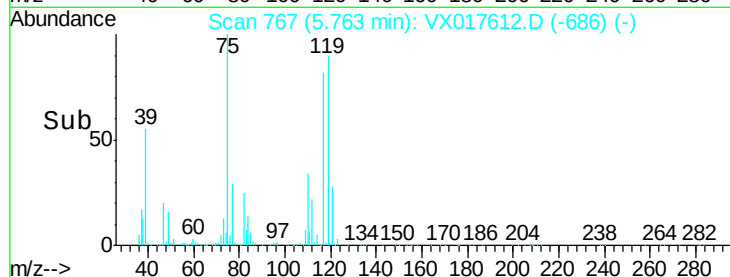
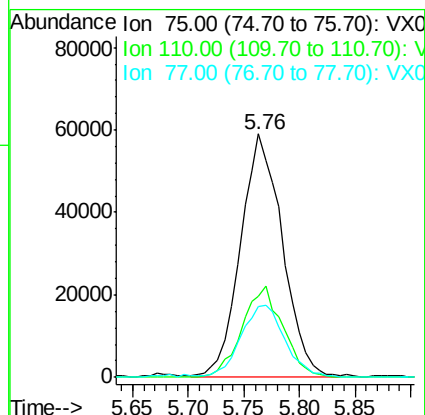
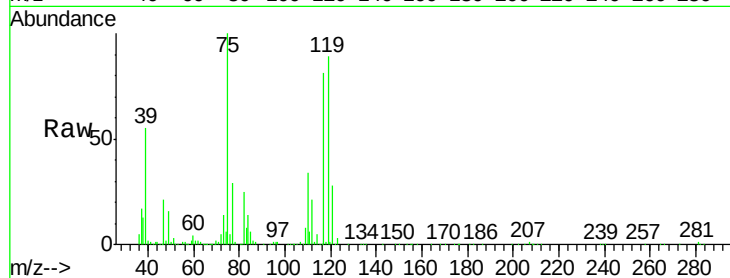
Tgt Ion: 75 Resp: 154379

Ion Ratio Lower Upper

75 100

110 36.6 0.0 75.4

77 31.2 0.0 63.2



#30

2-Butanone

Concen: 101.868 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

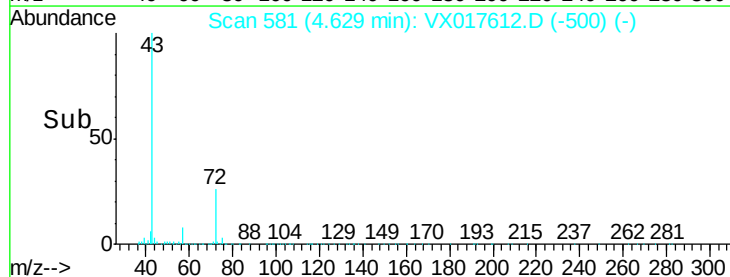
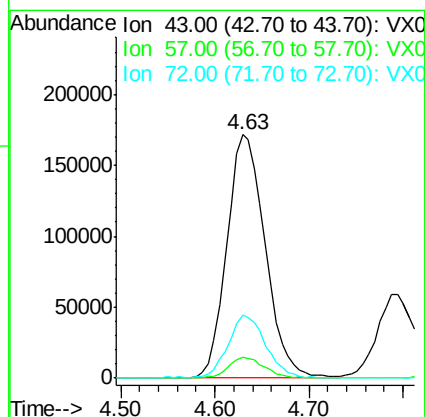
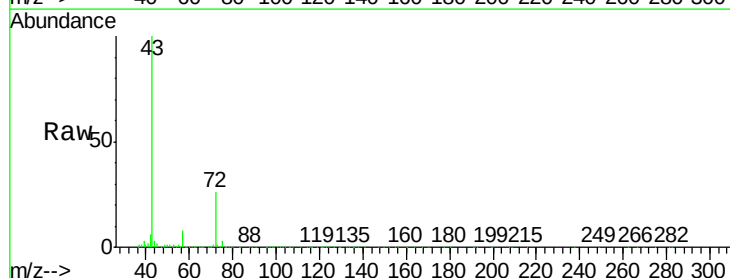
Tgt Ion: 43 Resp: 483195

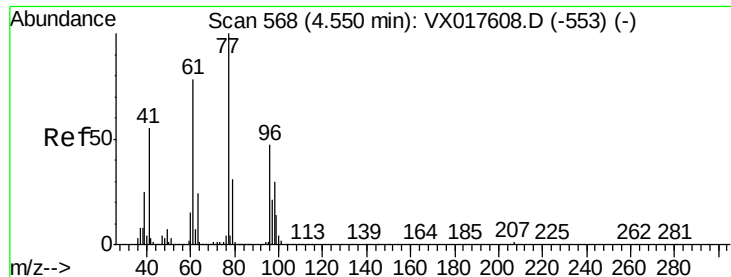
Ion Ratio Lower Upper

43 100

57 8.0 6.5 9.7

72 24.6 19.8 29.6

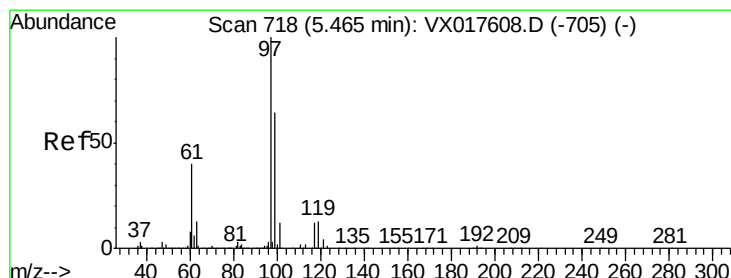
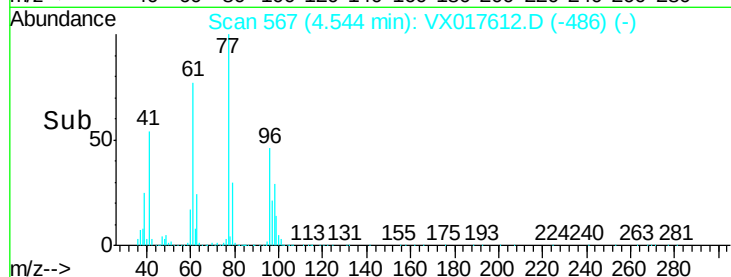
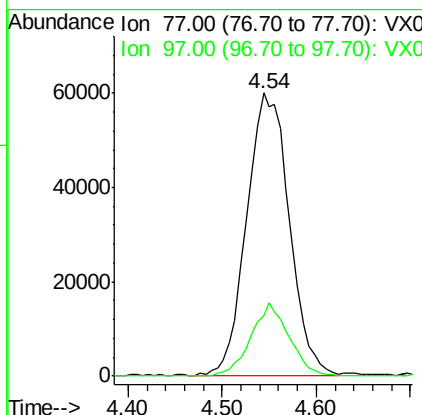
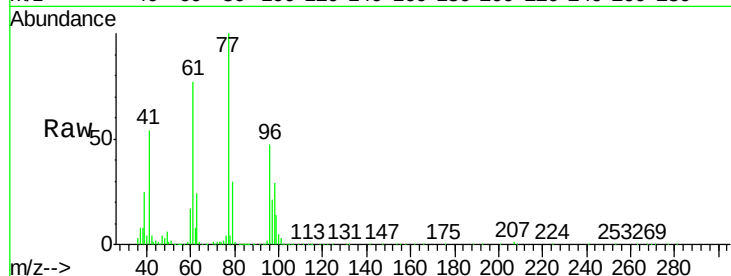




#31
 2,2-Dichloropropane
 Concen: 17.585 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

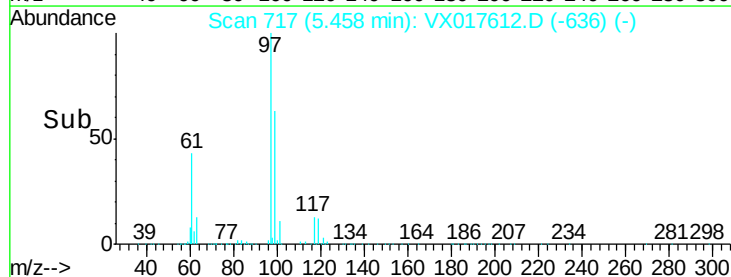
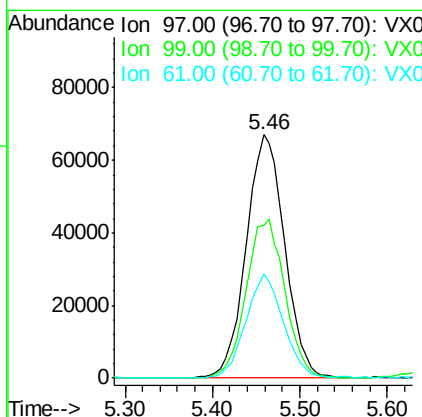
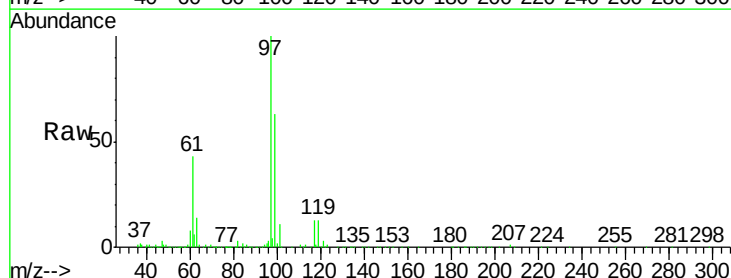
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

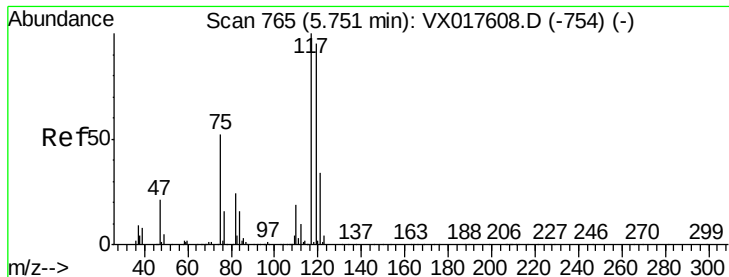
Tgt Ion: 77 Resp: 189976
 Ion Ratio Lower Upper
 77 100
 97 23.2 17.6 26.4



#32
 1,1,1-Trichloroethane
 Concen: 18.036 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion: 97 Resp: 204292
 Ion Ratio Lower Upper
 97 100
 99 65.8 50.6 75.8
 61 41.7 32.6 48.8





#33

Carbon Tetrachloride

Concen: 17.831 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

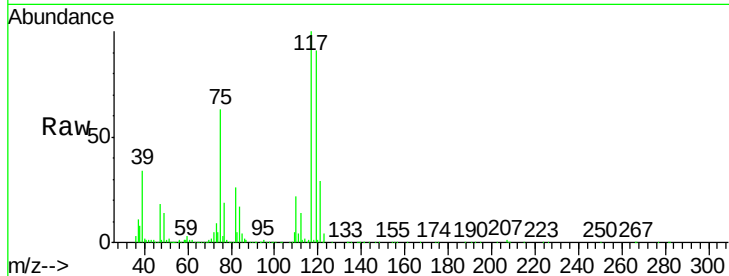
Tgt Ion:117 Resp: 186682

Ion Ratio Lower Upper

117 100

119 91.3 76.2 114.2

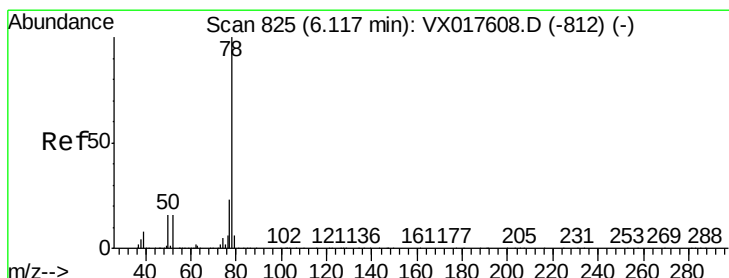
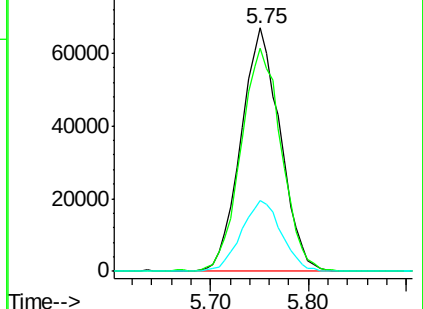
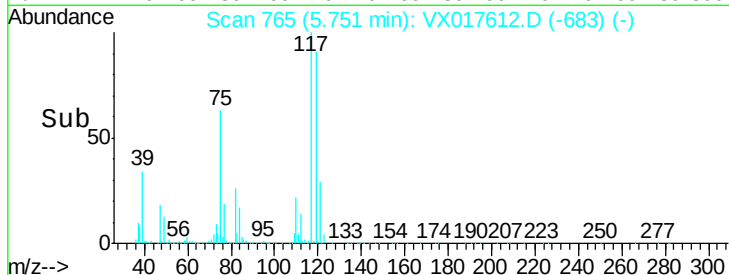
121 28.8 26.8 40.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.783 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

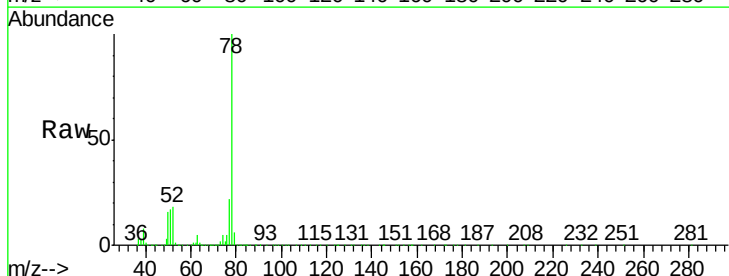
Tgt Ion: 78 Resp: 444960

Ion Ratio Lower Upper

78 100

77 22.3 18.3 27.5

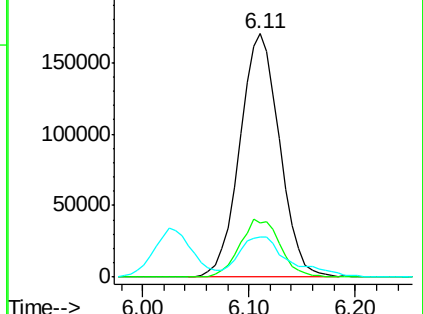
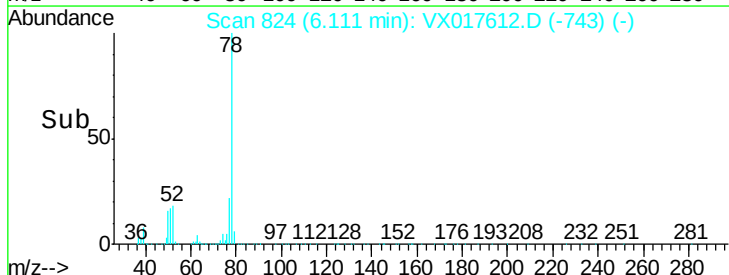
51 15.1 12.3 18.5

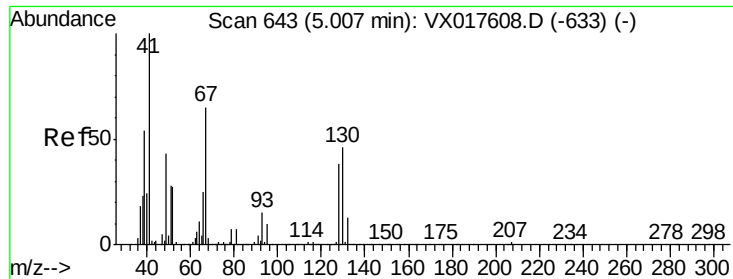


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

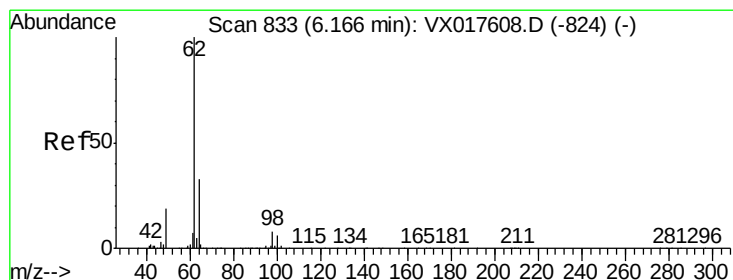
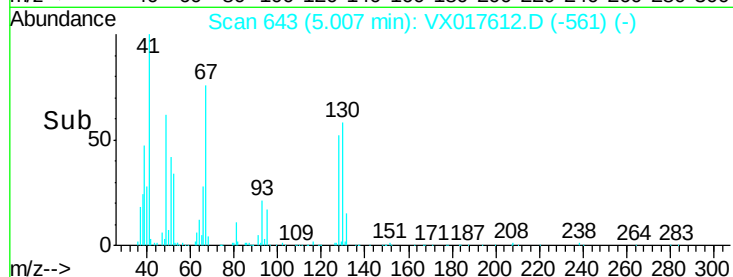
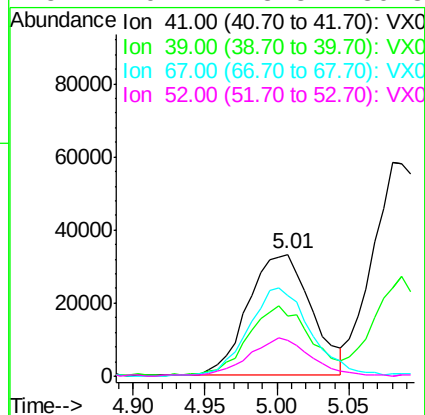
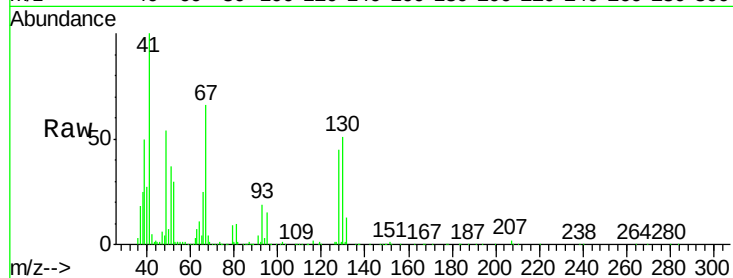




#35
Methacrylonitrile
Concen: 19.197 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

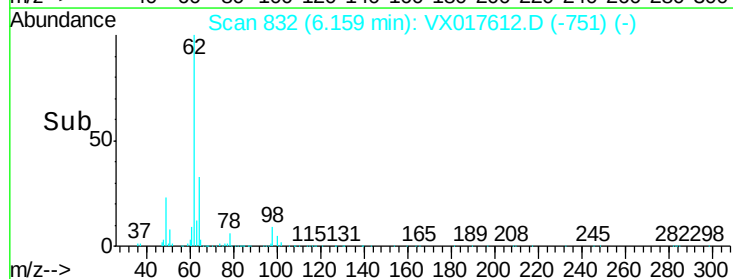
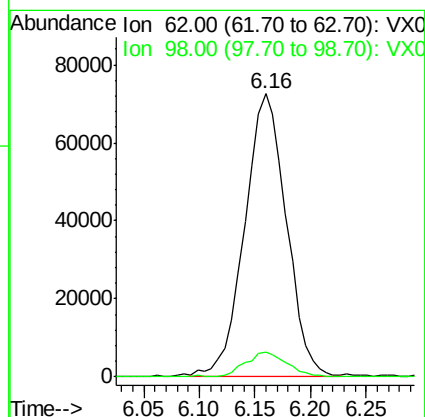
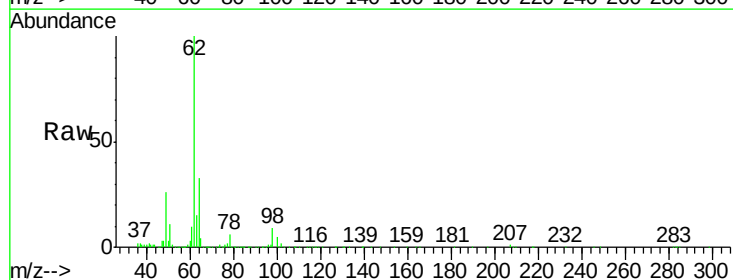
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

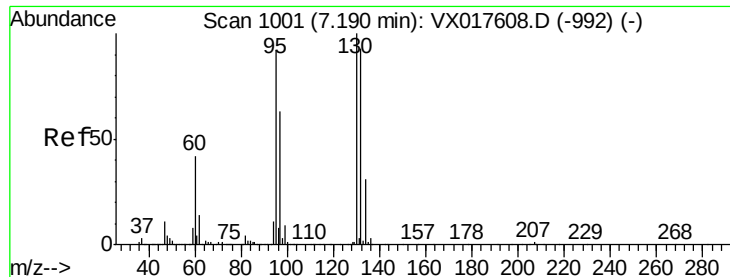
Tgt Ion:	41	Resp:	101323
Ion	Ratio	Lower	Upper
41	100		
39	48.4	27.0	81.0
67	66.0	32.4	97.0
52	29.4	13.3	39.8



#36
1,2-Dichloroethane
Concen: 18.819 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion:	62	Resp:	189455
Ion	Ratio	Lower	Upper
62	100		
98	8.8	6.6	10.0





#37

Trichloroethene

Concen: 19.384 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

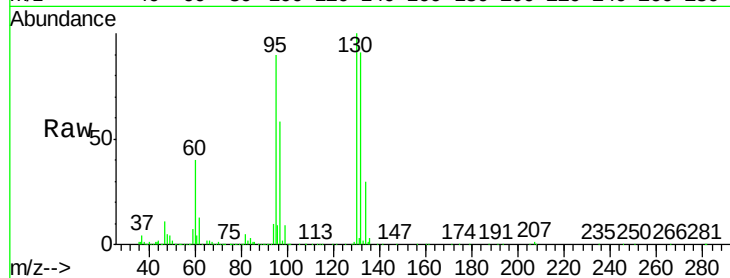
ICVVX072720

Tgt Ion:130 Resp: 140957

Ion Ratio Lower Upper

130 100

95 90.3 73.9 110.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

60000

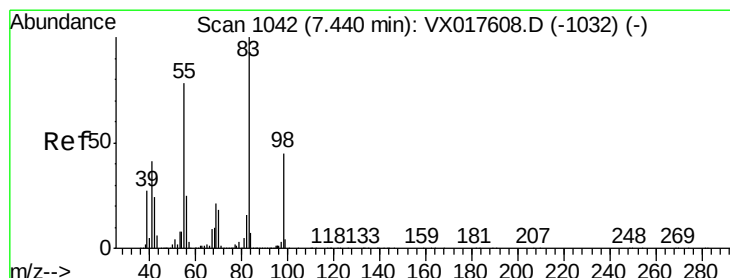
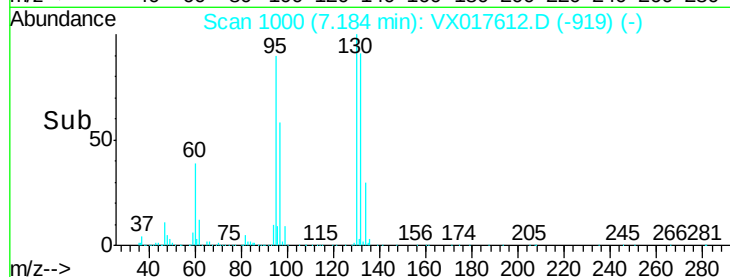
40000

20000

0

7.10 7.20 7.30

Time-->



#38

Methylcyclohexane

Concen: 18.196 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

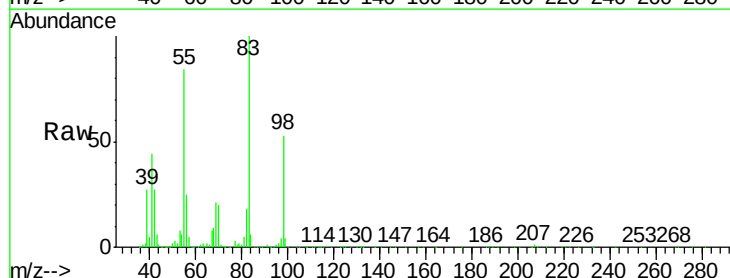
Tgt Ion: 83 Resp: 192940

Ion Ratio Lower Upper

83 100

55 81.7 39.6 118.7

98 49.1 23.9 71.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

120000

100000

80000

60000

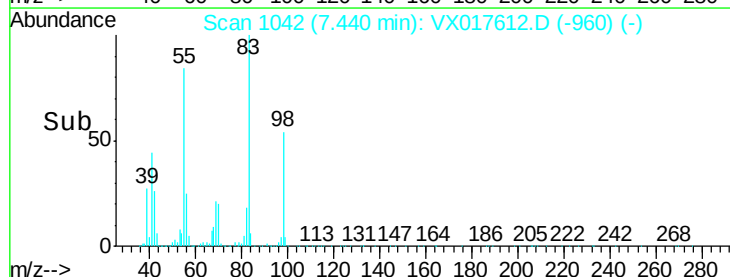
40000

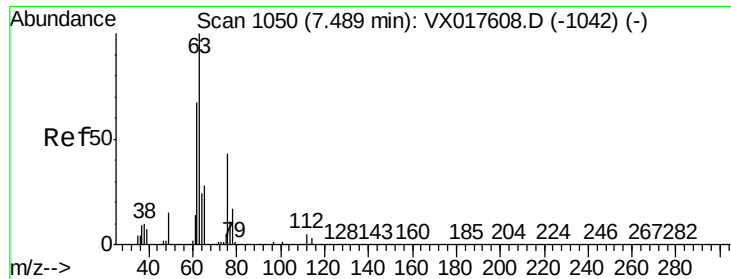
20000

0

7.40 7.50

Time-->





#39

1,2-Dichloropropane

Concen: 18.985 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

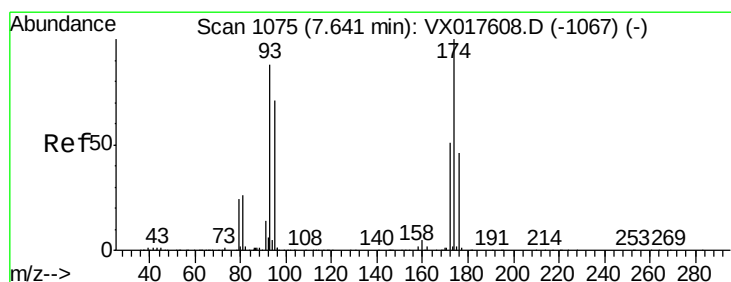
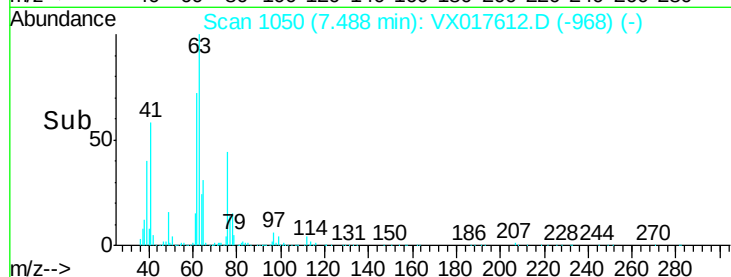
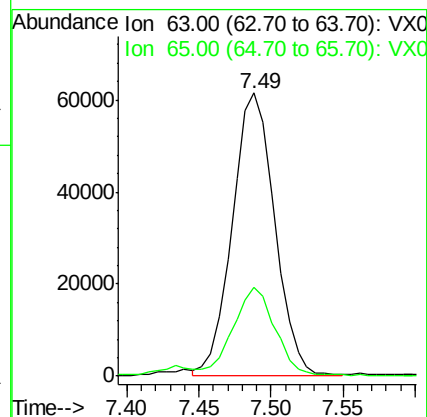
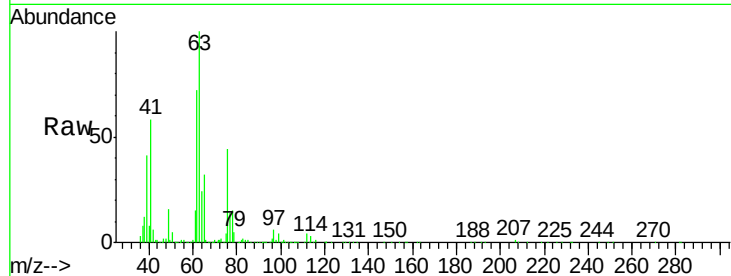
ICVVX072720

Tgt Ion: 63 Resp: 125577

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



#40

Dibromomethane

Concen: 19.020 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

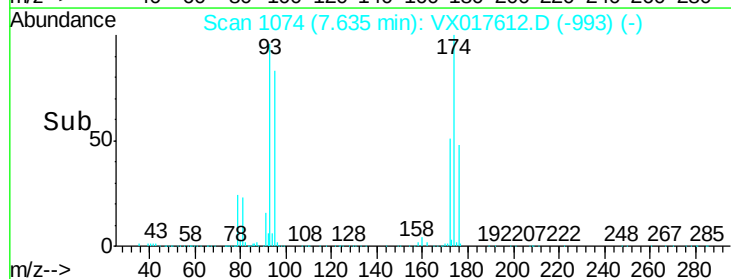
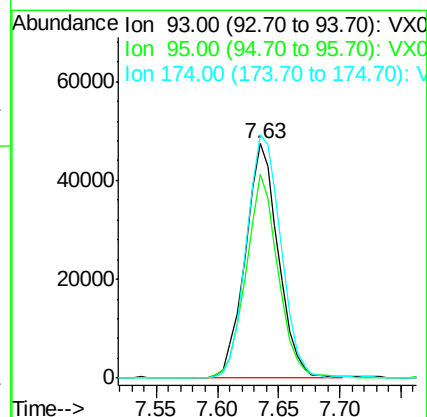
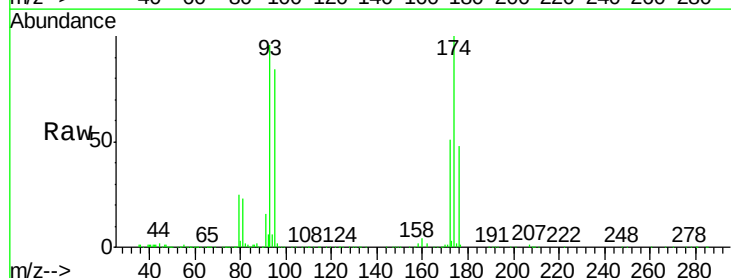
Tgt Ion: 93 Resp: 89312

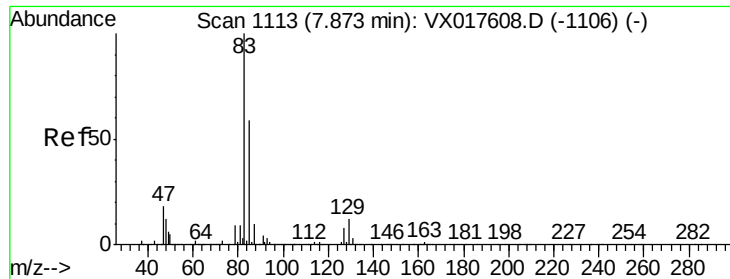
Ion Ratio Lower Upper

93 100

95 83.4 0.0 163.4

174 107.7 0.0 214.6





#41

Bromodichloromethane

Concen: 18.469 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

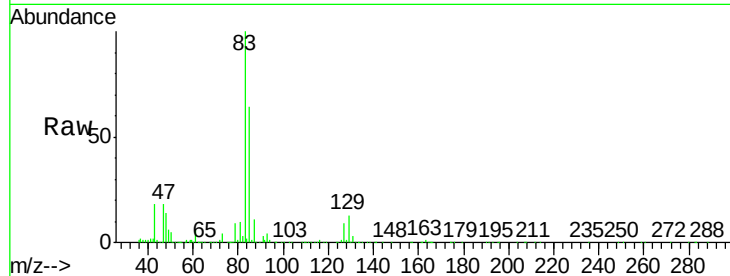
Tgt Ion: 83 Resp: 192056

Ion Ratio Lower Upper

83 100

85 63.8 47.4 71.0

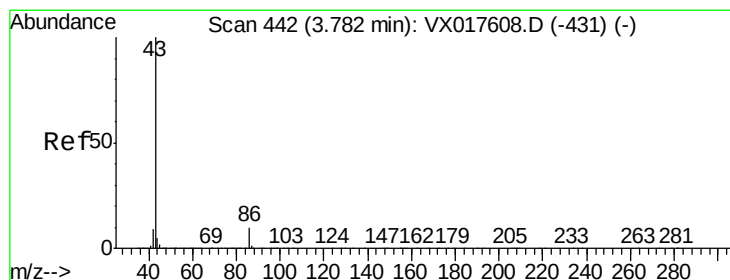
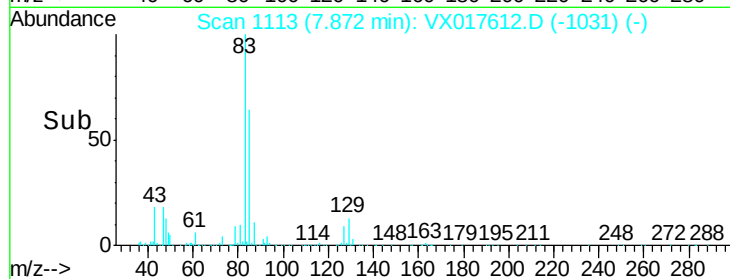
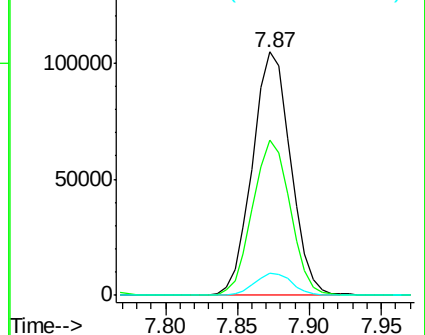
127 9.1 6.3 9.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 96.700 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX017612.D

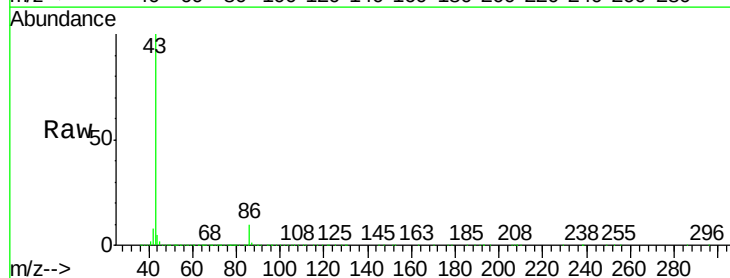
Acq: 27 Jul 2020 12:40

Tgt Ion: 43 Resp: 1514944

Ion Ratio Lower Upper

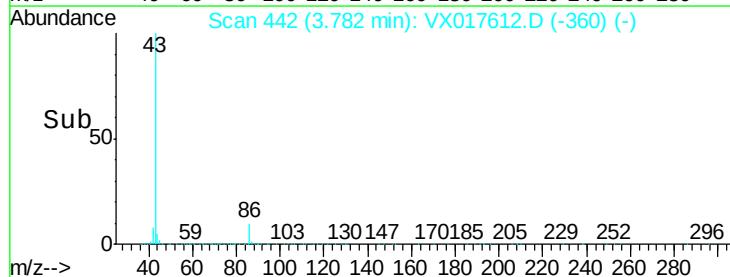
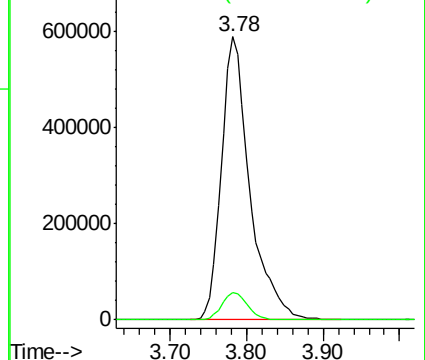
43 100

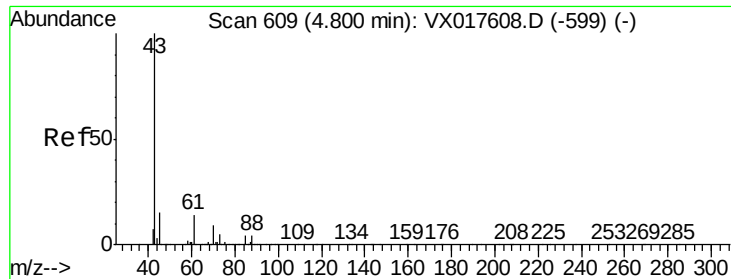
86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.591 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

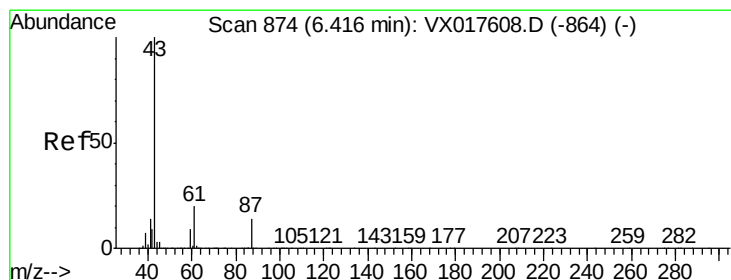
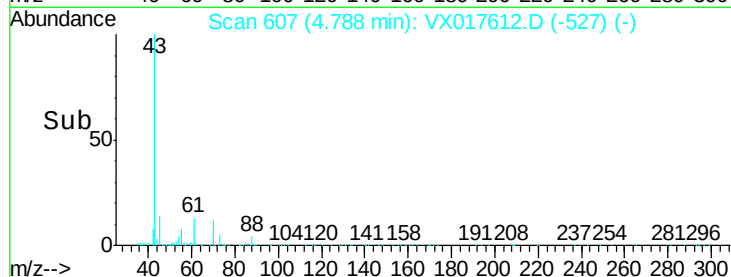
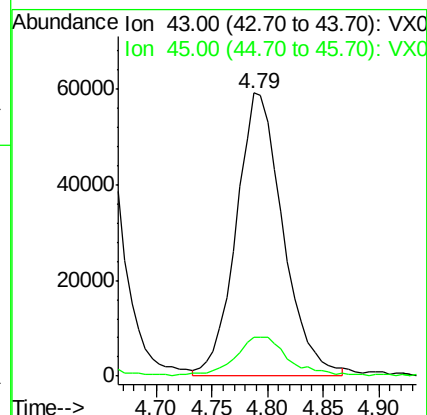
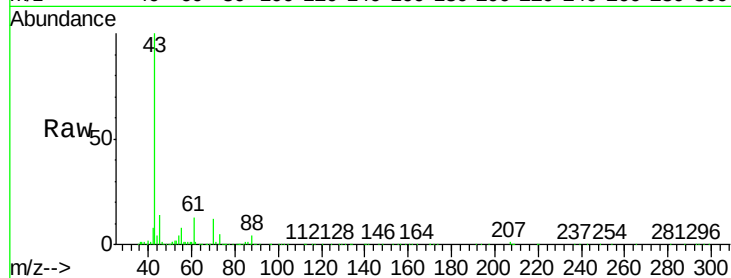
ICVVX072720

Tgt Ion: 43 Resp: 171192

Ion Ratio Lower Upper

43 100

45 14.7 11.4 17.2



#44

Isopropyl Acetate

Concen: 19.192 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017612.D

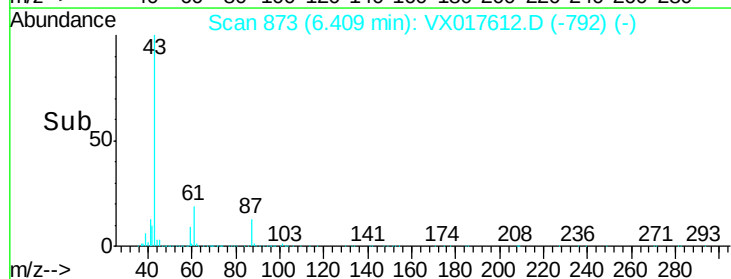
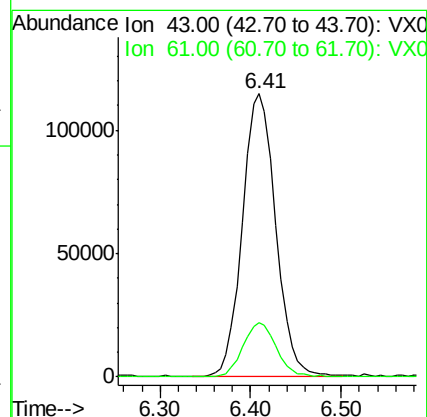
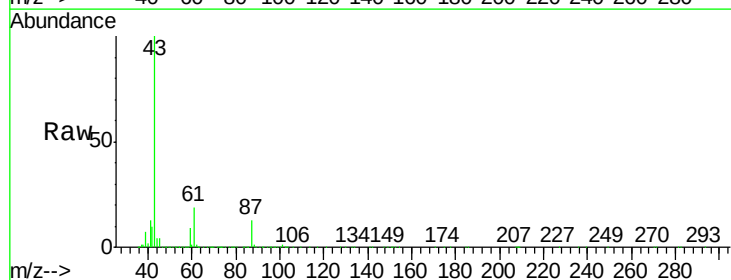
Acq: 27 Jul 2020 12:40

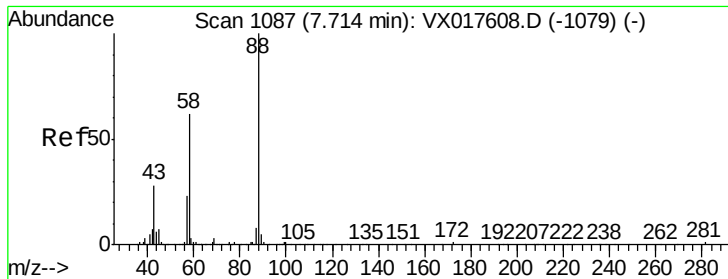
Tgt Ion: 43 Resp: 291232

Ion Ratio Lower Upper

43 100

61 19.2 15.9 23.9





#45

1,4-Dioxane

Concen: 405.582 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

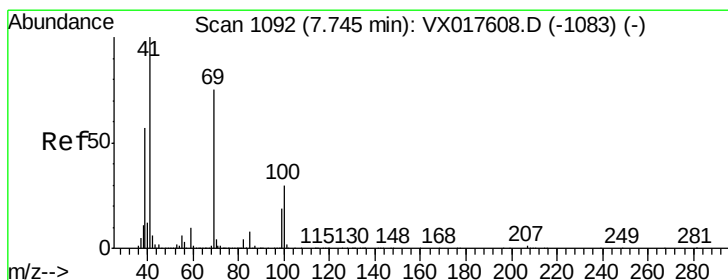
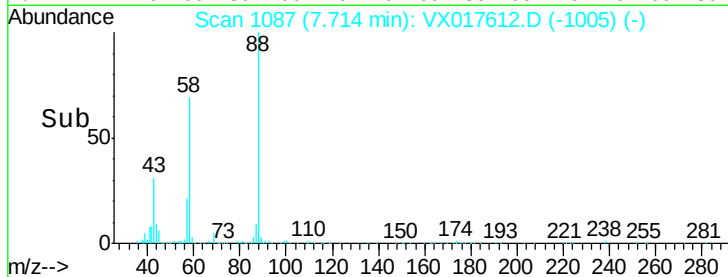
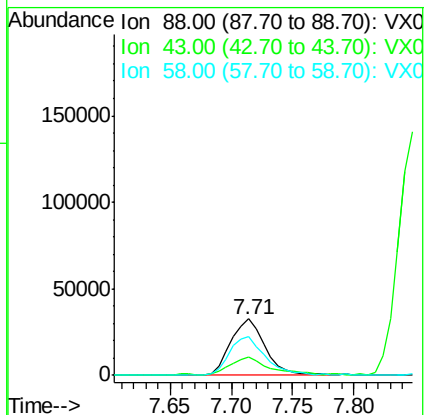
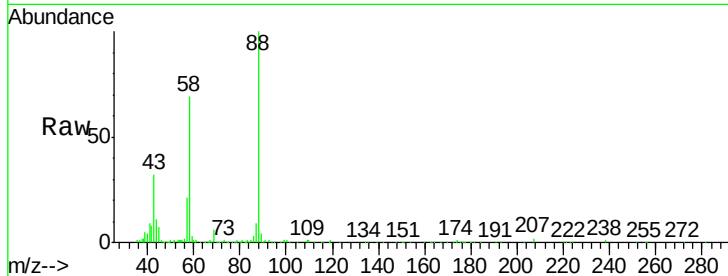
Tgt Ion: 88 Resp: 63854

Ion Ratio Lower Upper

88 100

43 33.0 29.0 43.6

58 72.0 55.6 83.4



#46

Methyl methacrylate

Concen: 19.438 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

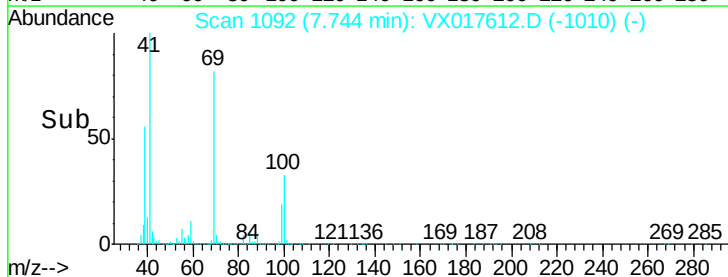
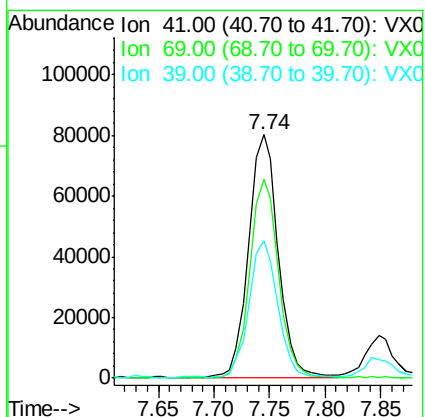
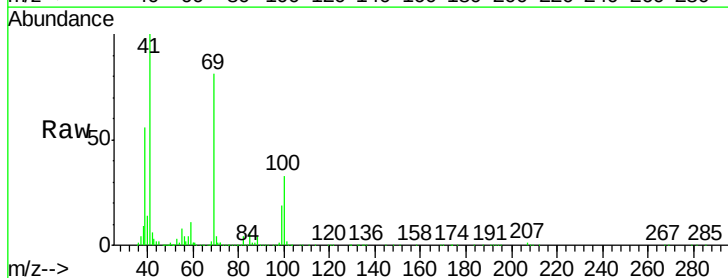
Tgt Ion: 41 Resp: 149831

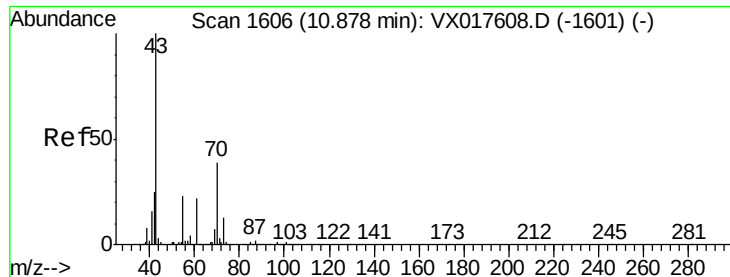
Ion Ratio Lower Upper

41 100

69 81.6 37.4 112.1

39 56.0 28.7 86.1





#47

n-amyl Acetate

Concen: 19.942 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

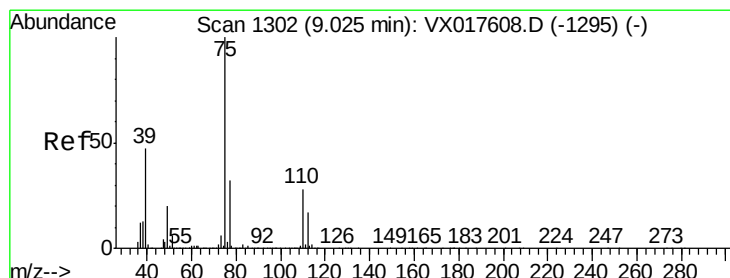
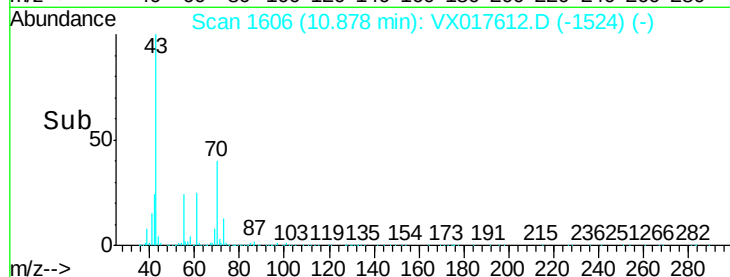
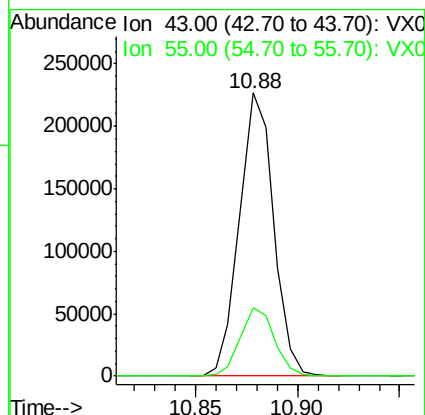
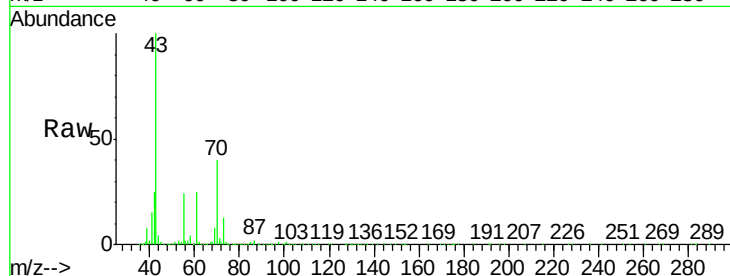
ICVVX072720

Tgt Ion: 43 Resp: 263580

Ion Ratio Lower Upper

43 100

55 24.5 19.5 29.3



#48

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017612.D

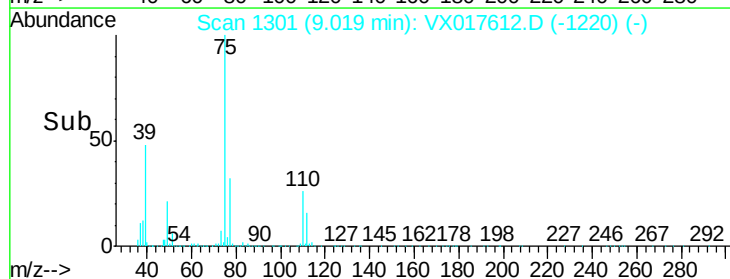
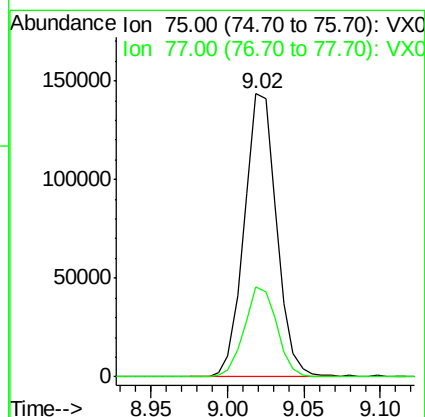
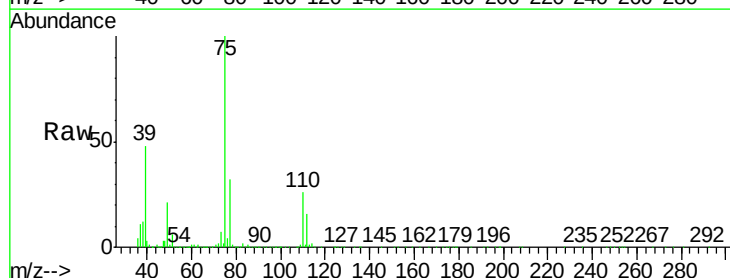
Acq: 27 Jul 2020 12:40

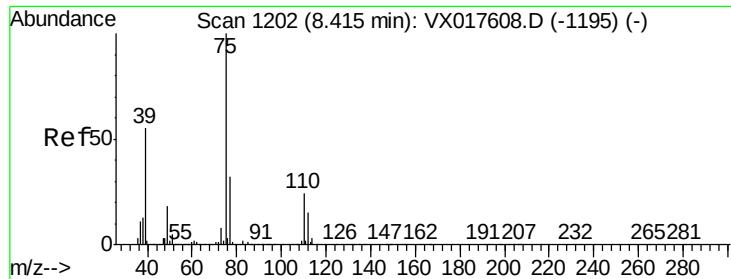
Tgt Ion: 75 Resp: 210959

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 18.242 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

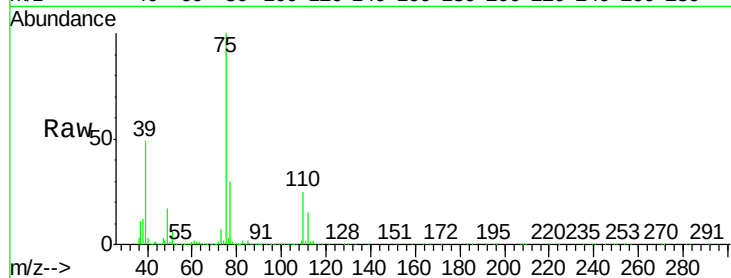
Tgt Ion: 75 Resp: 221082

Ion Ratio Lower Upper

75 100

77 29.5 25.4 38.0

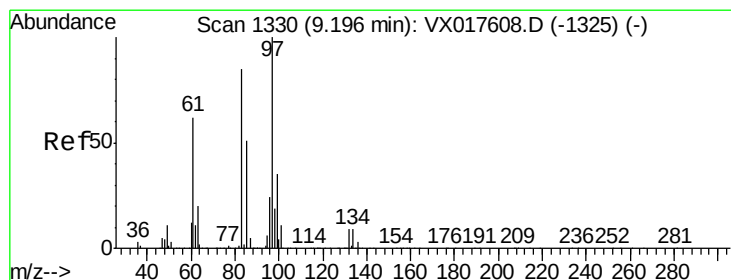
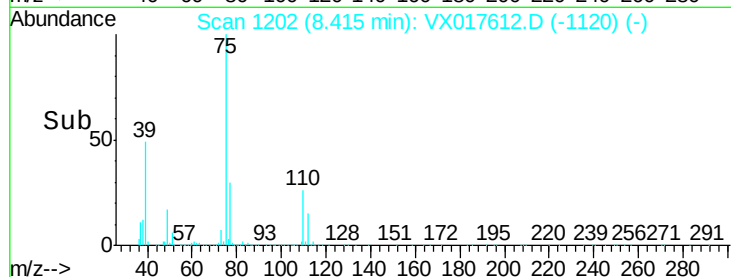
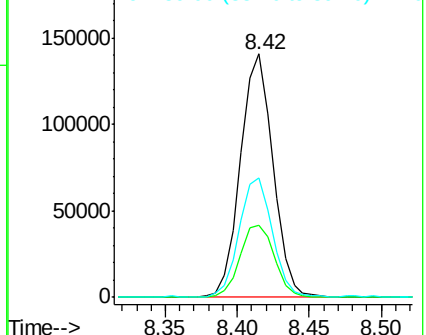
39 48.7 43.6 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 20.291 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion: 97 Resp: 136507

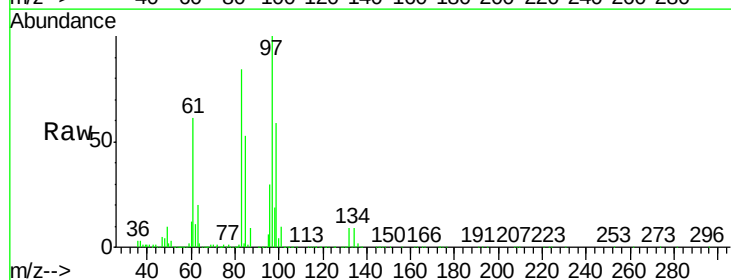
Ion Ratio Lower Upper

97 100

83 83.9 68.2 102.2

85 53.3 42.6 64.0

99 58.7 49.0 73.6

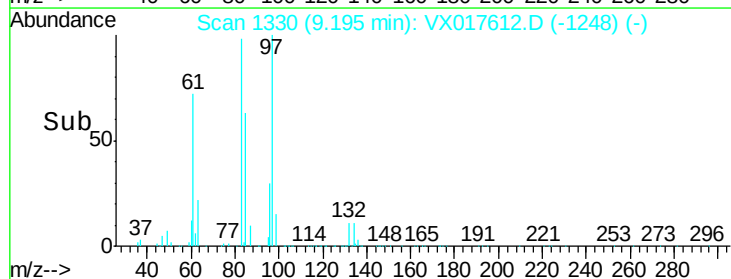
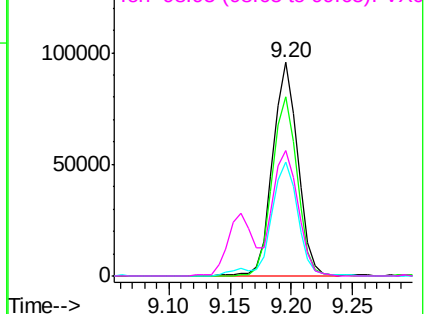


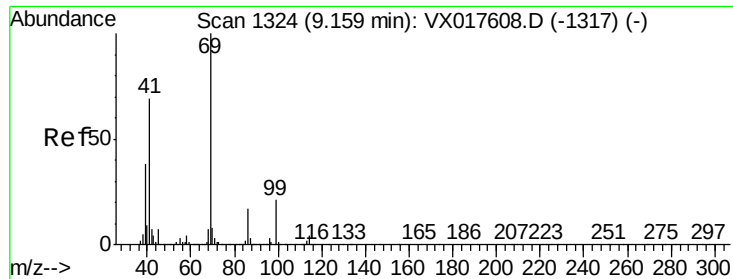
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0

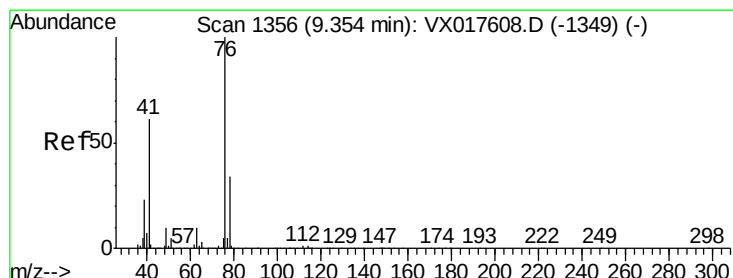
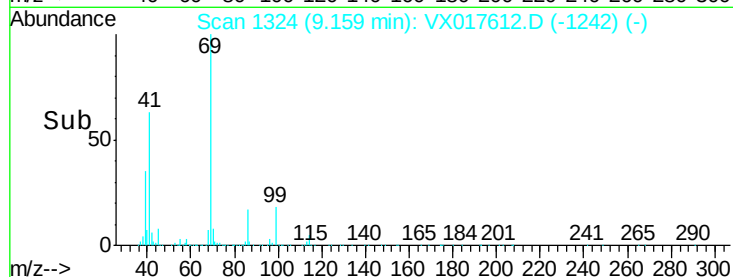
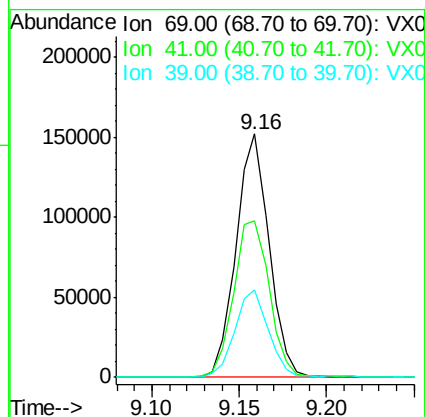
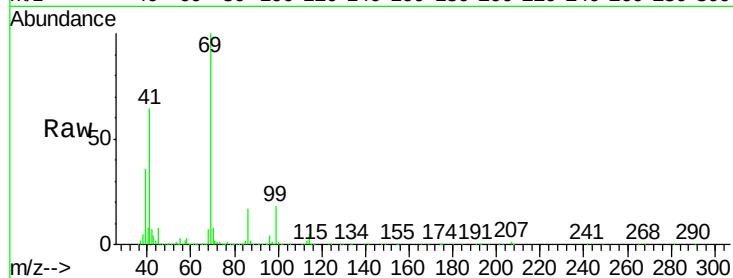




#51
Ethyl methacrylate
Concen: 19.687 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

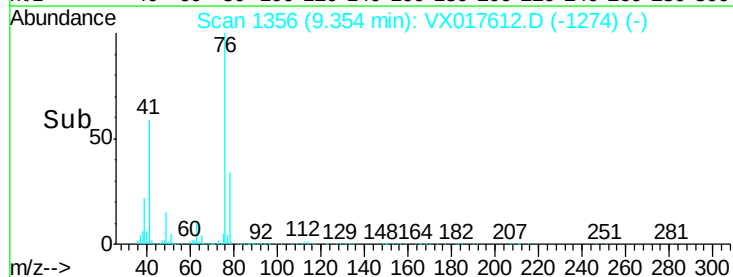
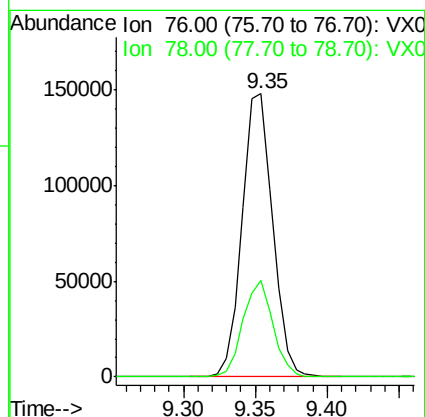
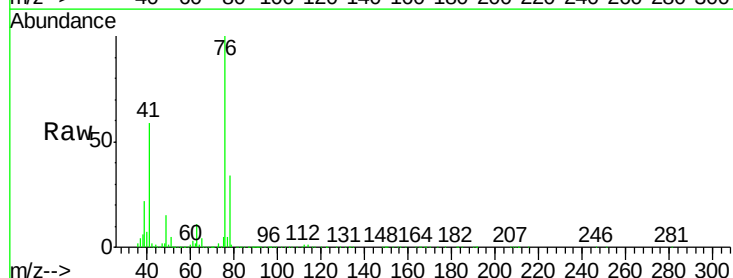
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

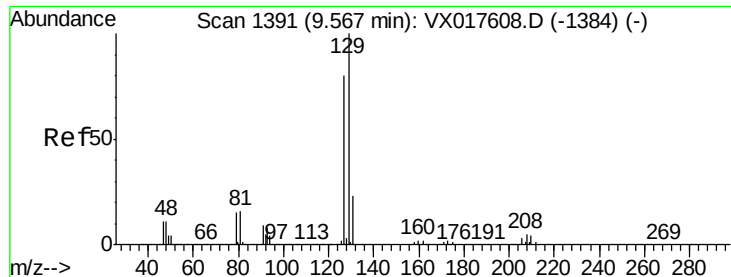
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	34.4	103.2
39	35.4	19.1	57.1



#52
1,3-Dichloropropane
Concen: 19.841 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.3	0.0	65.4





#53

Dibromochloromethane

Concen: 19.228 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

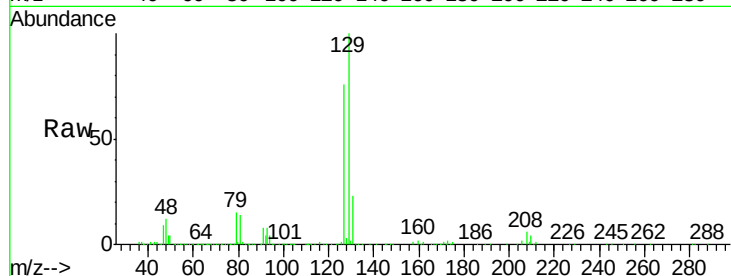
ICVVX072720

Tgt Ion:129 Resp: 164285

Ion Ratio Lower Upper

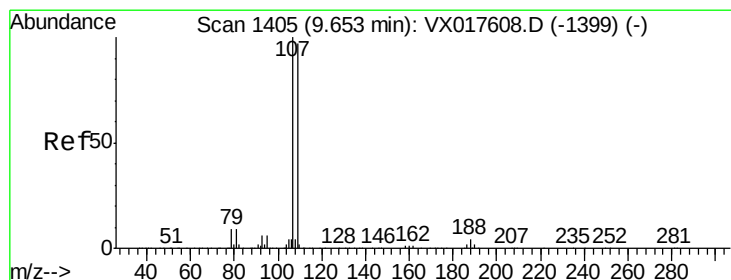
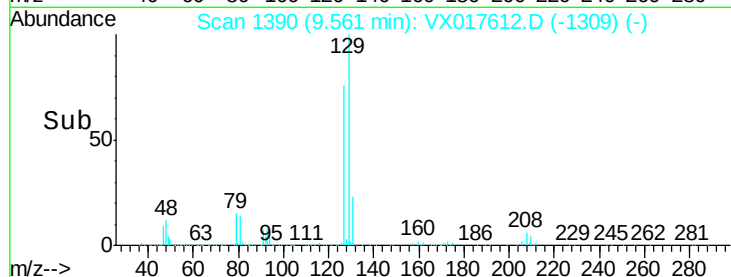
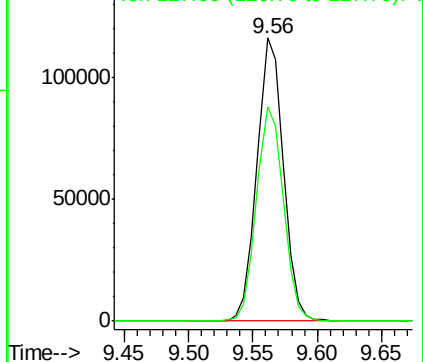
129 100

127 77.2 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.029 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017612.D

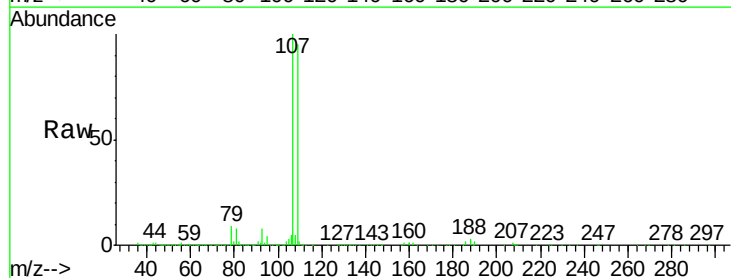
Acq: 27 Jul 2020 12:40

Tgt Ion:107 Resp: 139233

Ion Ratio Lower Upper

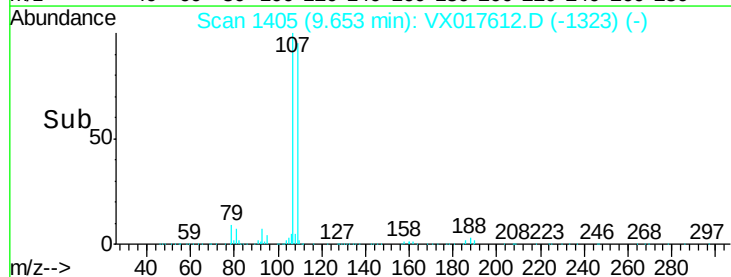
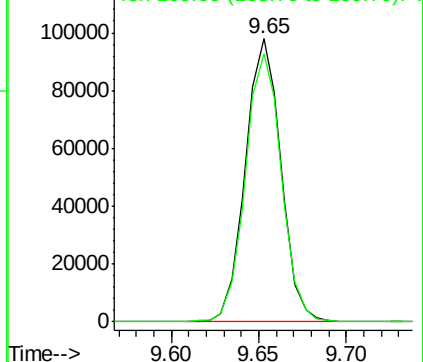
107 100

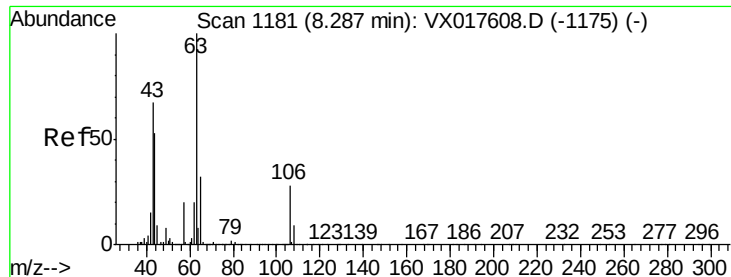
109 95.5 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

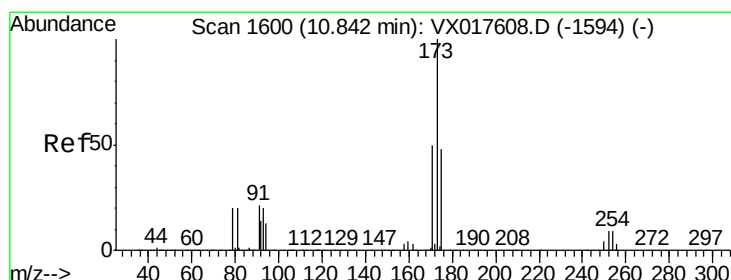
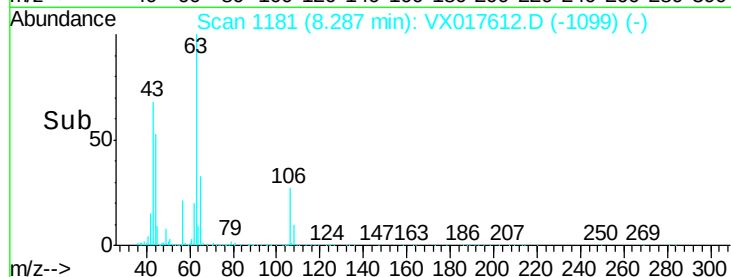
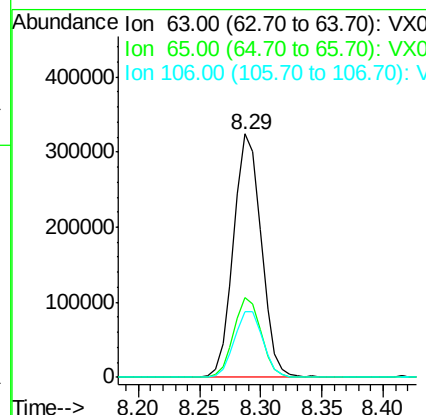
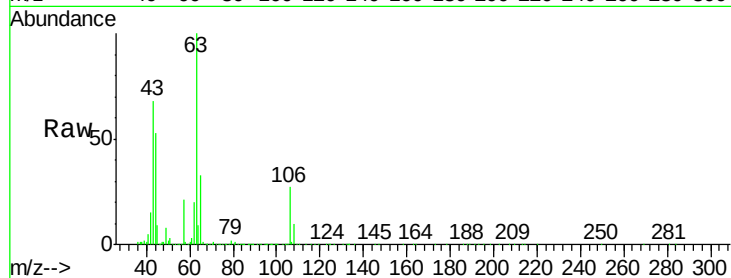




#55
2-Chloroethyl vinyl ether
Concen: 93.630 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

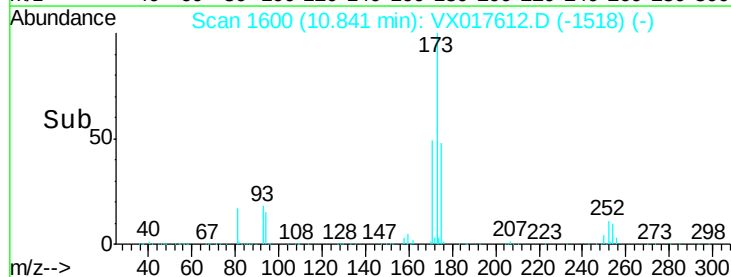
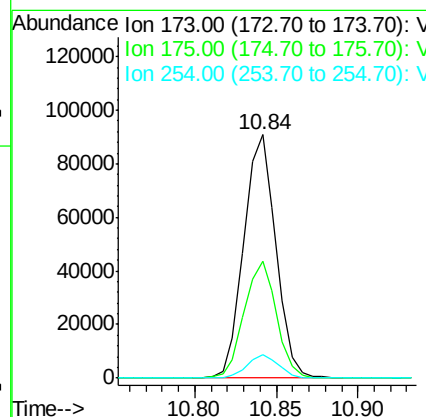
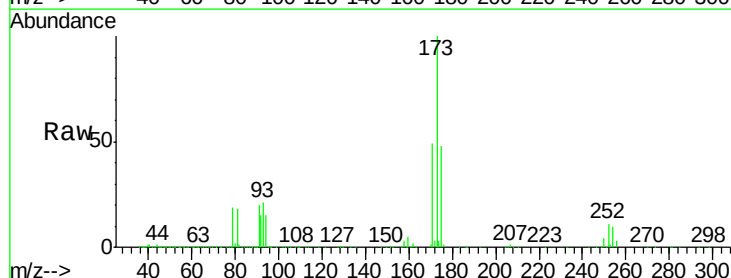
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

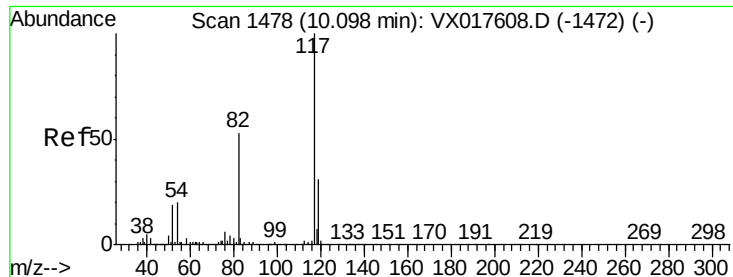
Tgt Ion: 63 Resp: 507429
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 28.1 22.9 34.3



#56
Bromoform
Concen: 19.076 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion: 173 Resp: 124404
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.4
254 9.6 7.4 11.2

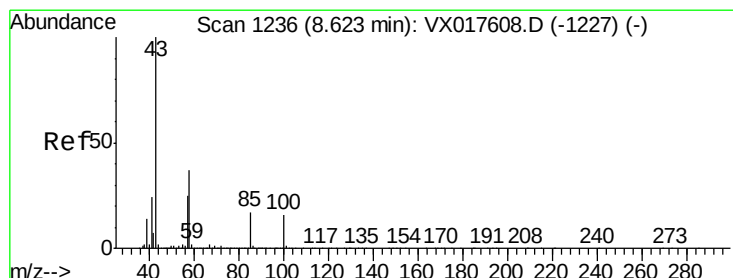
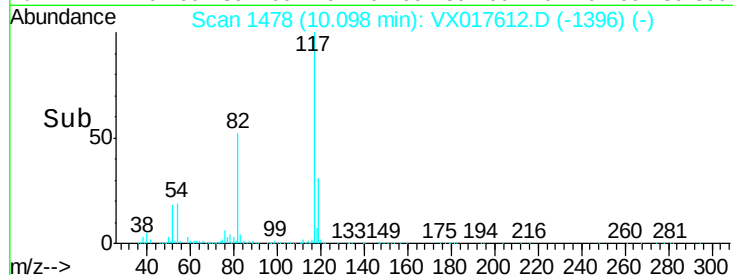
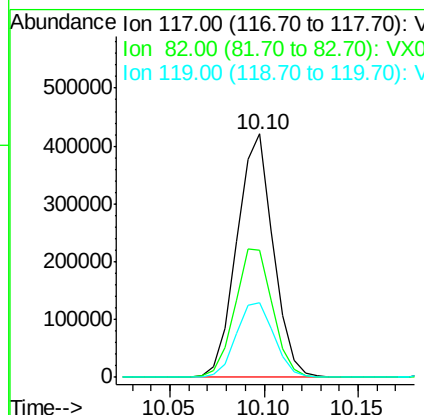
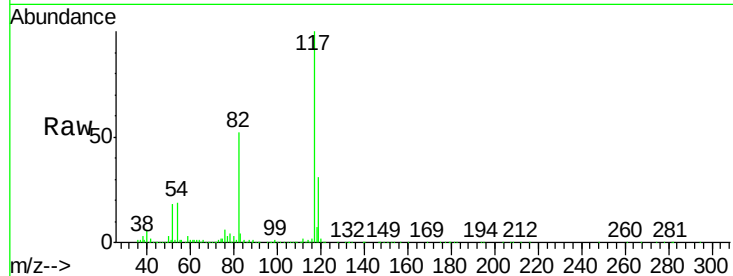




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

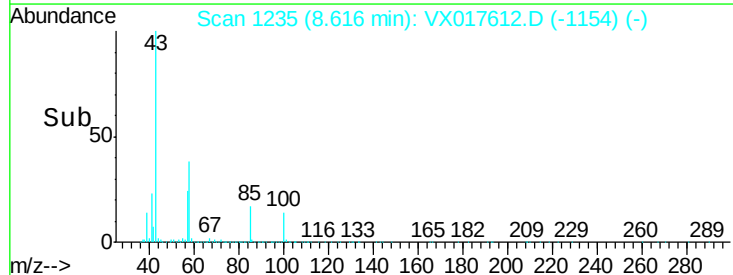
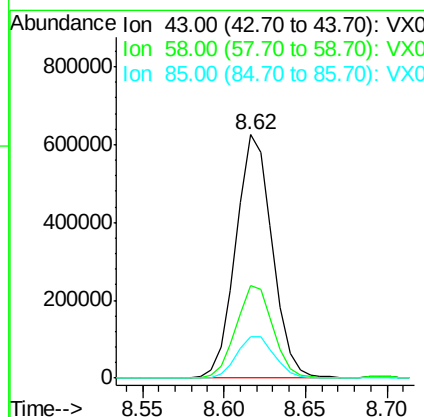
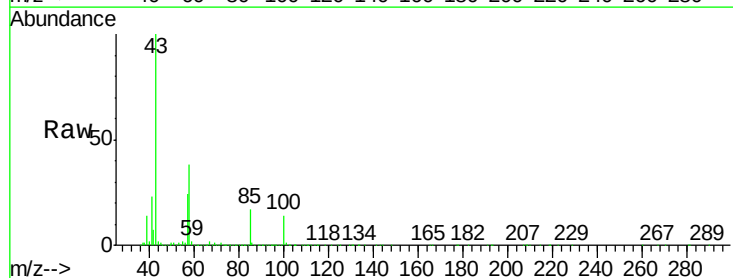
Instrument :
MSVOA_X
ClientSampled :
ICVVX072720

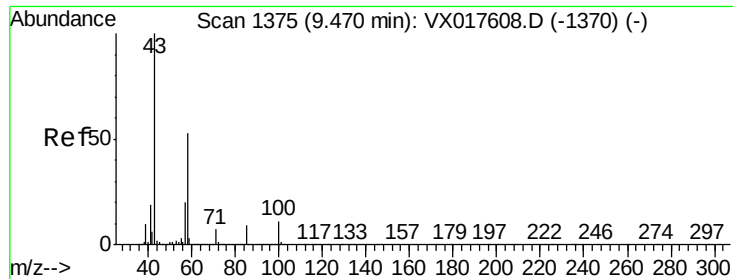
Tgt Ion: 117 Resp: 561903
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 31.9 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 96.820 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion: 43 Resp: 970985
Ion Ratio Lower Upper
43 100
58 38.4 30.5 45.7
85 17.9 14.2 21.2

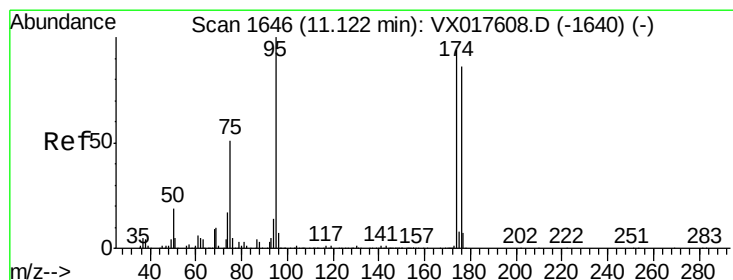
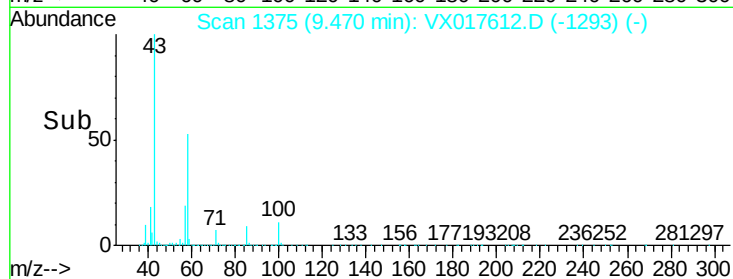
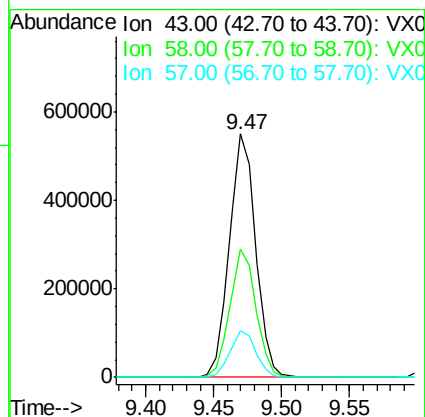
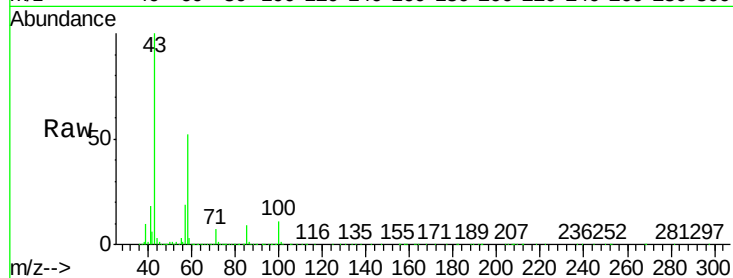




#59
2-Hexanone
Concen: 104.589 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

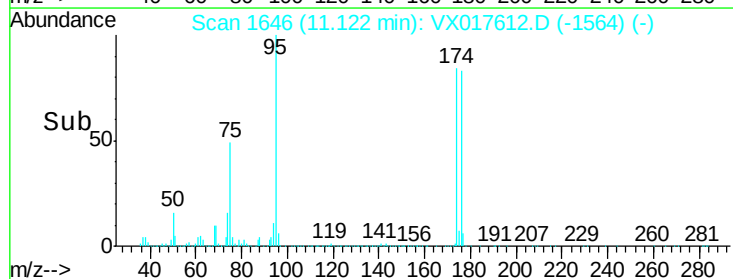
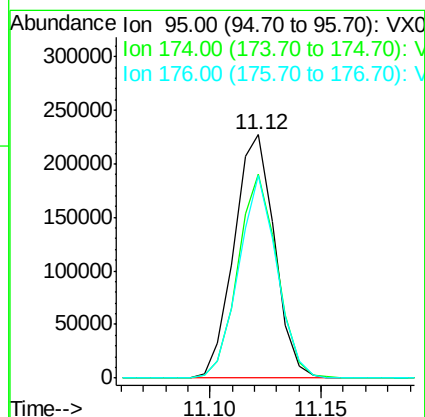
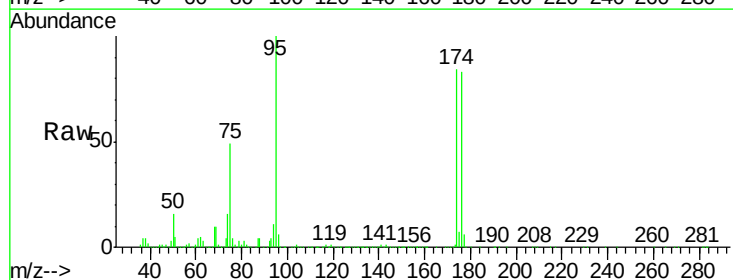
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

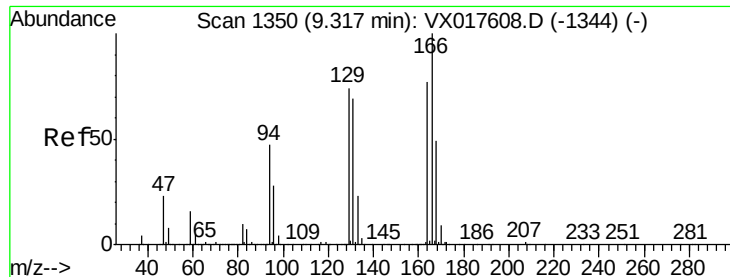
Tgt Ion:	43	Resp:	738188
Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.9	64.3
57	18.9	16.1	24.1



#60
4-Bromofluorobenzene
Concen: 30.240 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion:	95	Resp:	287765
Ion	Ratio	Lower	Upper
95	100		
174	80.9	70.2	105.2
176	78.9	65.6	98.4





#61

Tetrachloroethene

Concen: 18.682 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tgt Ion:164 Resp: 143034

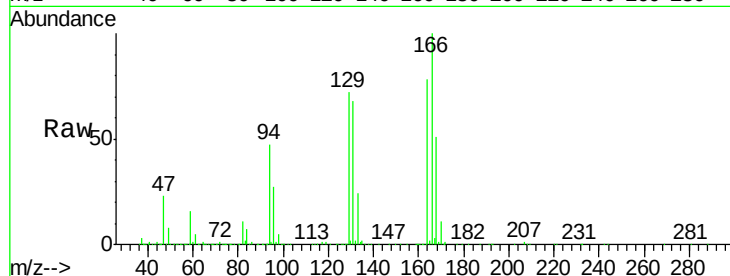
Ion Ratio Lower Upper

164 100

166 128.0 104.4 156.6

129 91.9 77.0 115.4

131 87.4 72.3 108.5

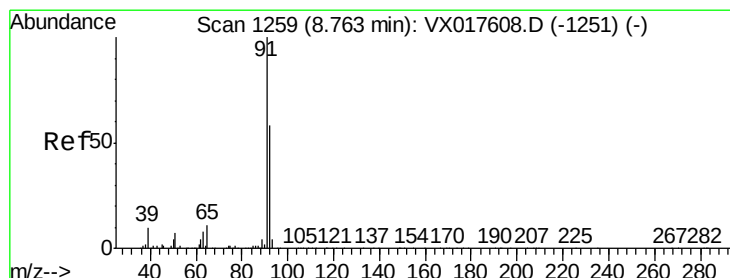
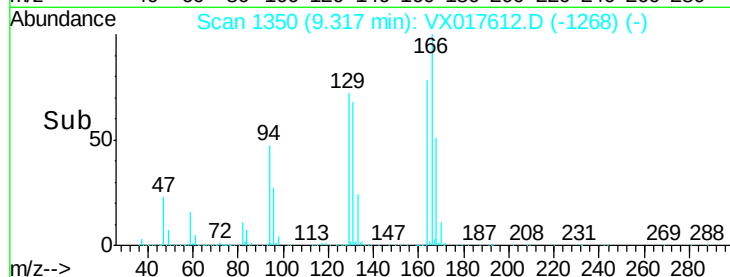
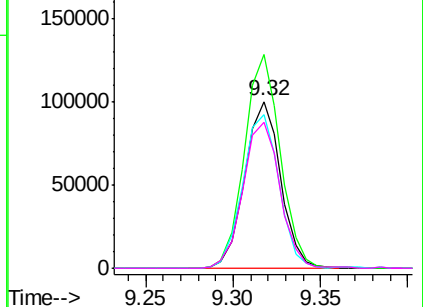


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.418 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017612.D

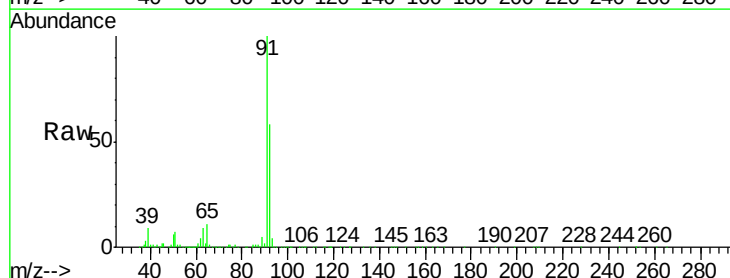
Acq: 27 Jul 2020 12:40

Tgt Ion: 91 Resp: 514311

Ion Ratio Lower Upper

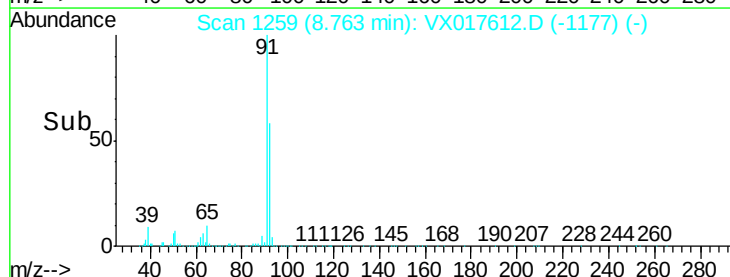
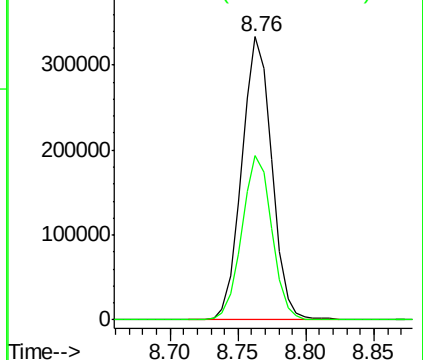
91 100

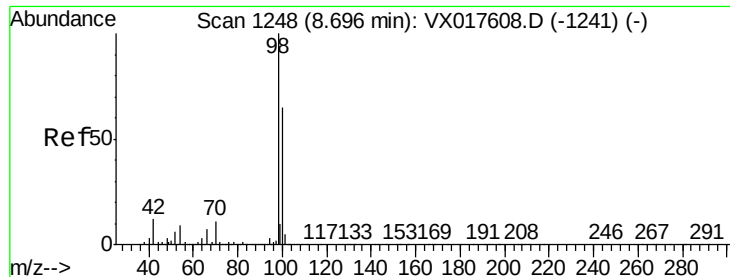
92 57.9 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.207 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

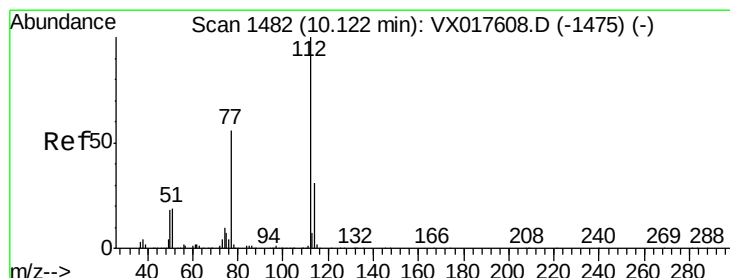
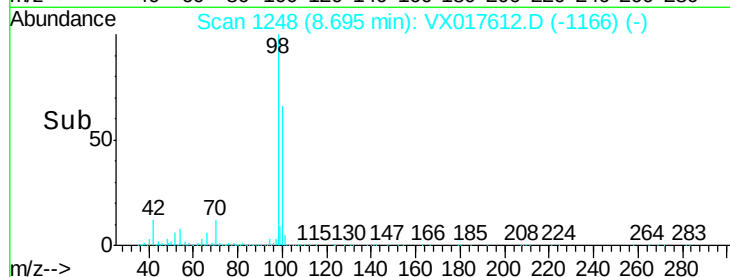
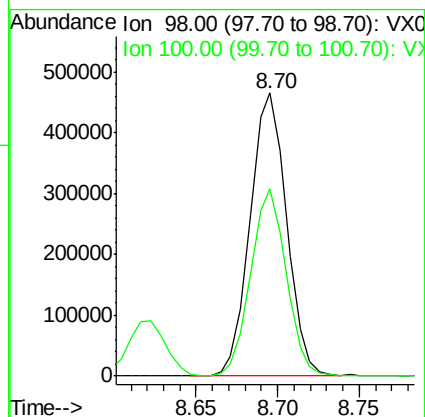
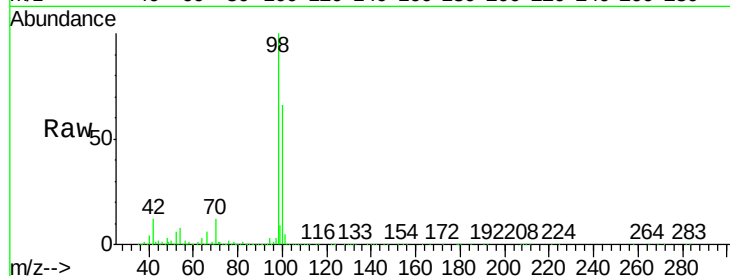
ICVVX072720

Tgt Ion: 98 Resp: 726255

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#64

Chlorobenzene

Concen: 19.273 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017612.D

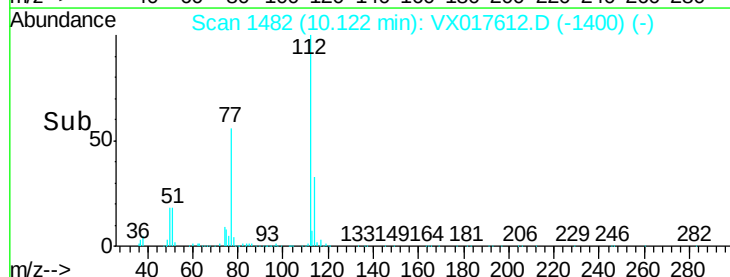
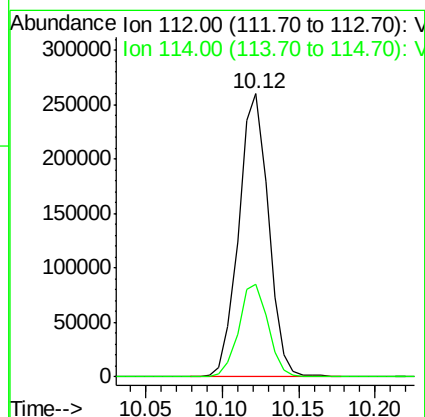
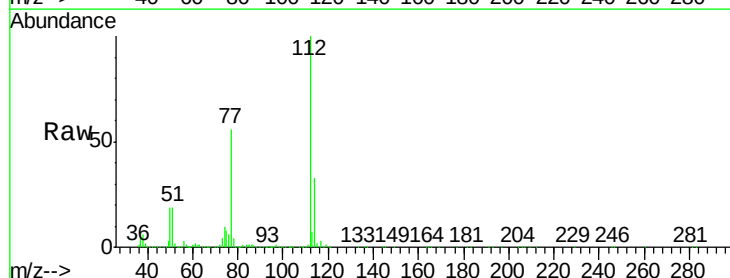
Acq: 27 Jul 2020 12:40

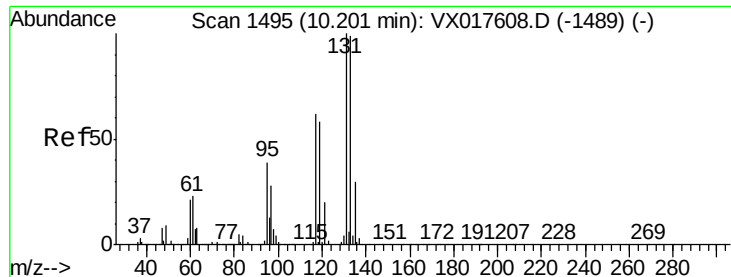
Tgt Ion: 112 Resp: 351741

Ion Ratio Lower Upper

112 100

114 32.6 24.4 36.6

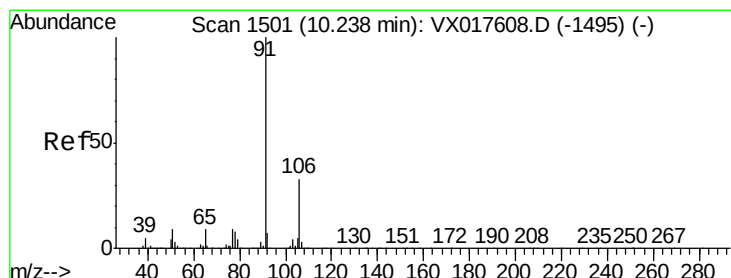
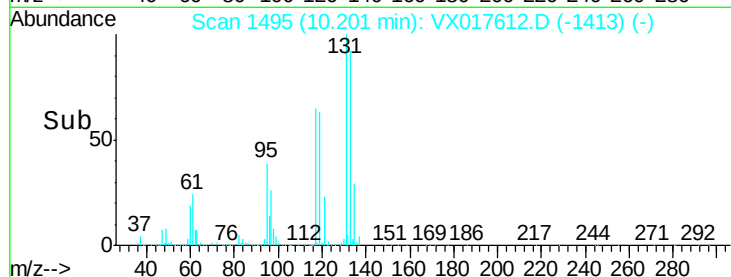
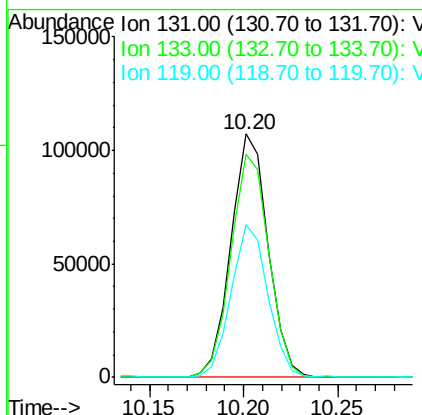
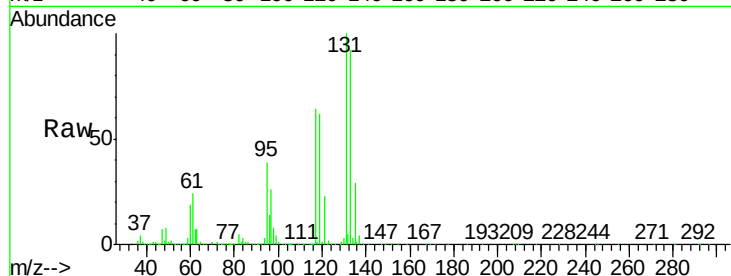




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.256 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

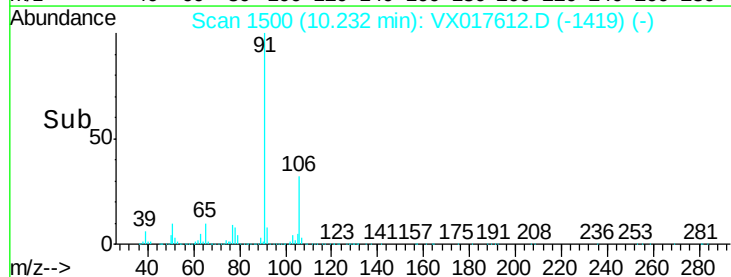
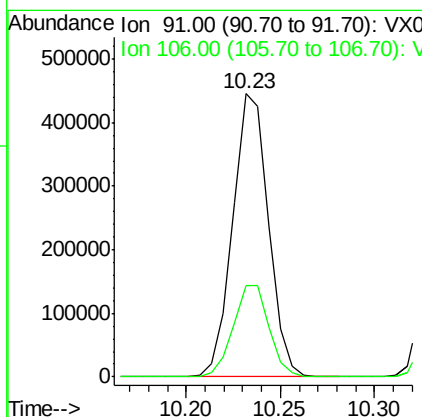
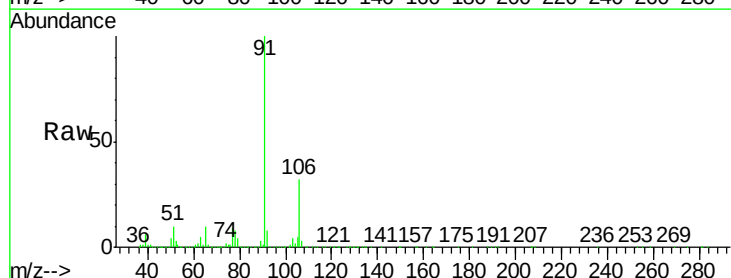
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

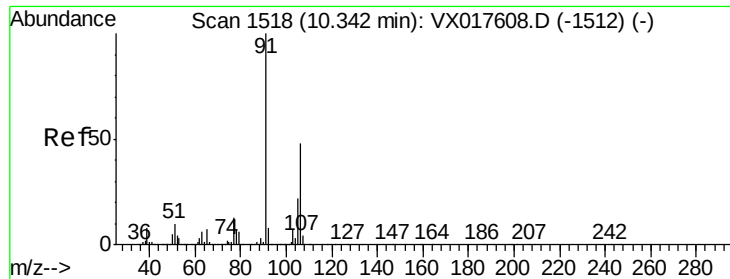
Tgt Ion: 131 Resp: 146984
 Ion Ratio Lower Upper
 131 100
 133 93.3 0.0 189.8
 119 61.3 0.0 119.6



#66
 Ethyl Benzene
 Concen: 18.971 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion: 91 Resp: 584815
 Ion Ratio Lower Upper
 91 100
 106 32.1 26.2 39.2

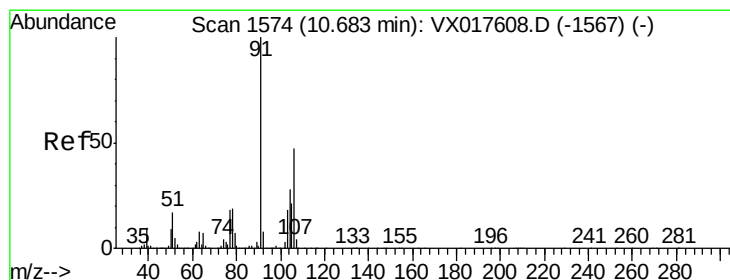
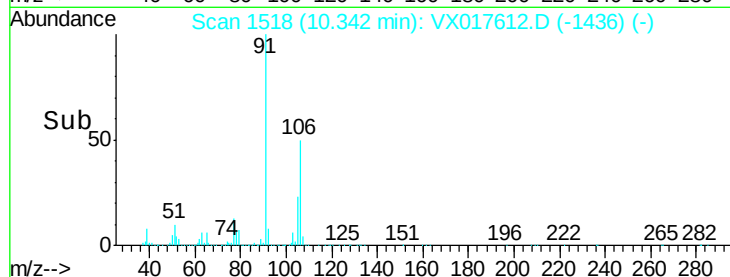
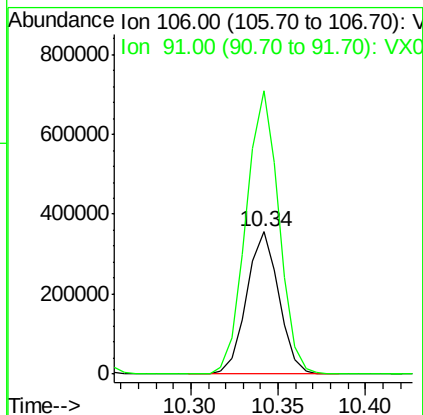
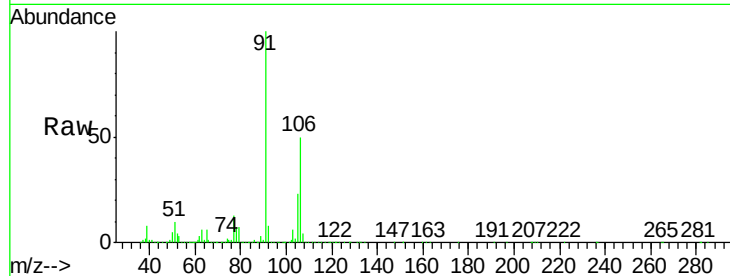




#67
m/p-Xylenes
Concen: 39.718 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

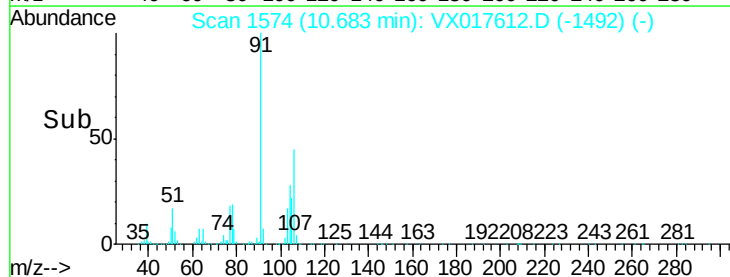
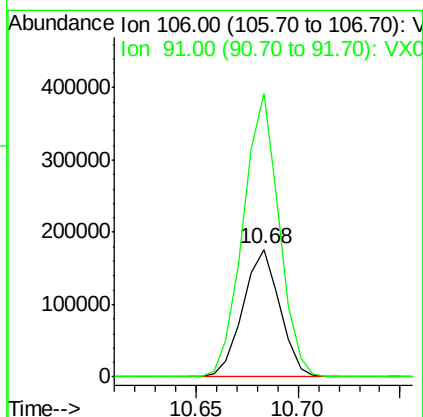
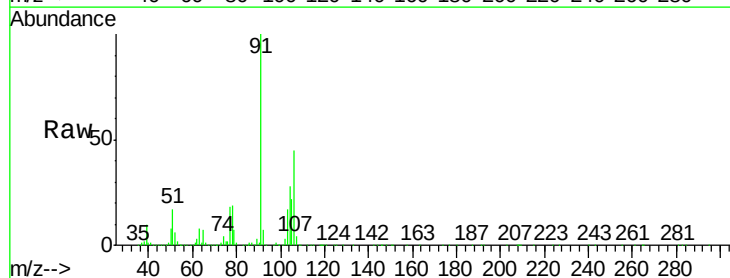
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

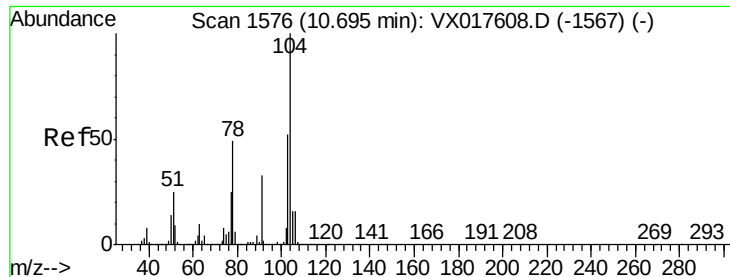
Tgt Ion:106 Resp: 458717
Ion Ratio Lower Upper
106 100
91 202.4 166.6 249.8



#68
o-Xylene
Concen: 19.234 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion:106 Resp: 220674
Ion Ratio Lower Upper
106 100
91 217.4 105.8 317.6





#69

Styrene

Concen: 19.502 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVX072720

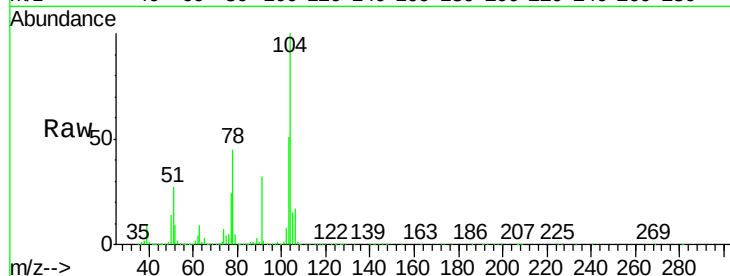
Tgt Ion:104 Resp: 390096

Ion Ratio Lower Upper

104 100

78 50.4 41.7 62.5

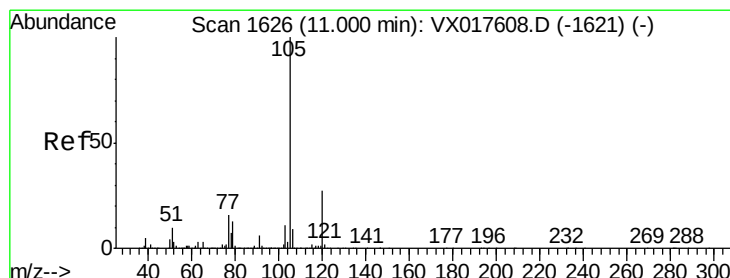
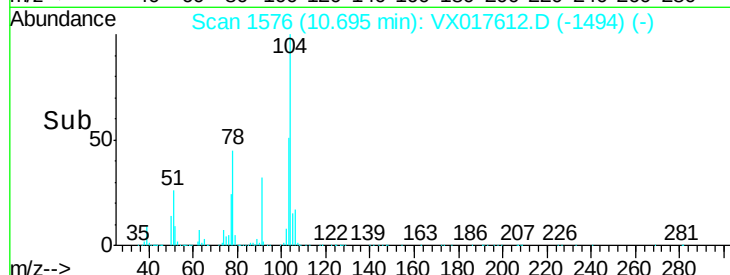
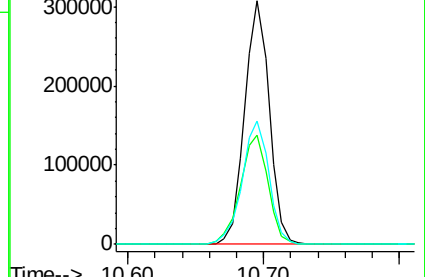
103 54.7 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.224 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017612.D

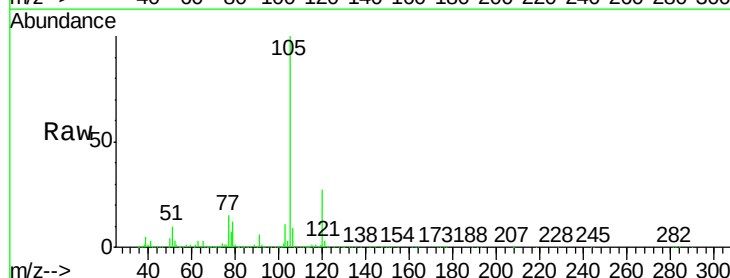
Acq: 27 Jul 2020 12:40

Tgt Ion:105 Resp: 610720

Ion Ratio Lower Upper

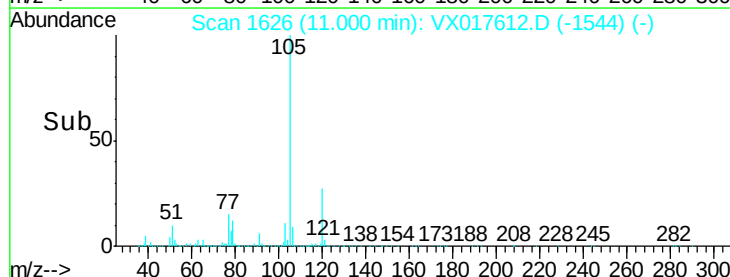
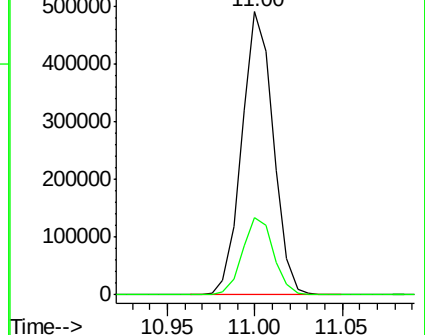
105 100

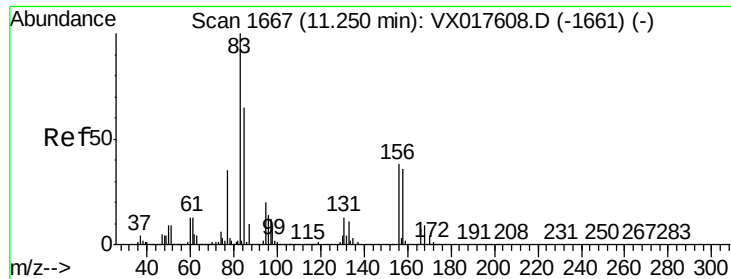
120 27.3 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 20.404 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

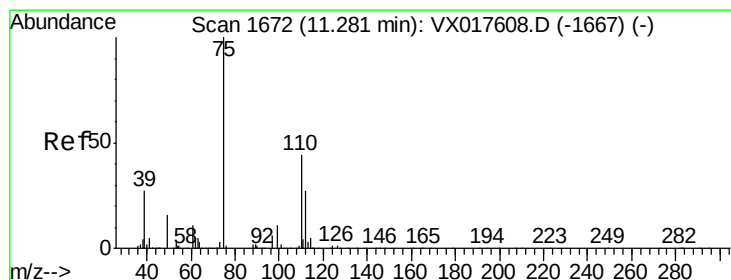
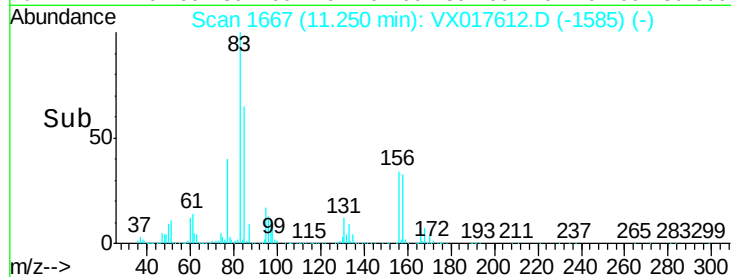
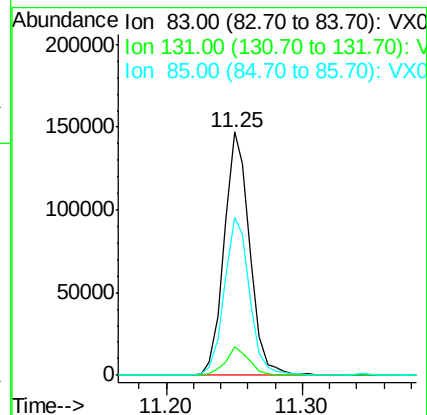
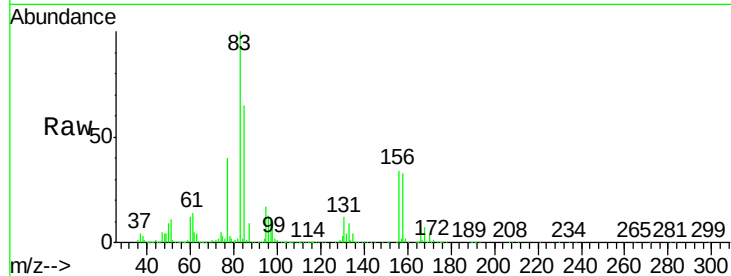
Tgt Ion: 83 Resp: 190578

Ion Ratio Lower Upper

83 100

131 10.9 5.9 17.8

85 64.4 32.7 98.1



#72

1,2,3-Trichloropropane

Concen: 26.375 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017612.D

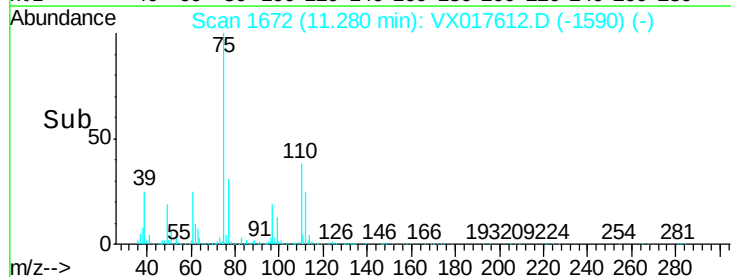
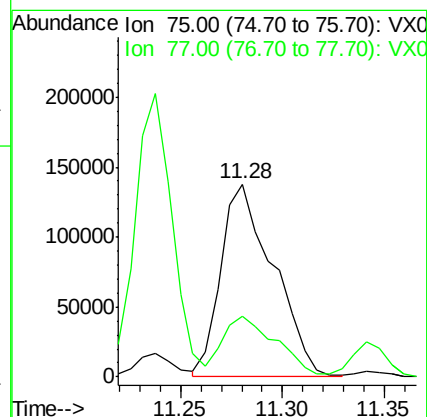
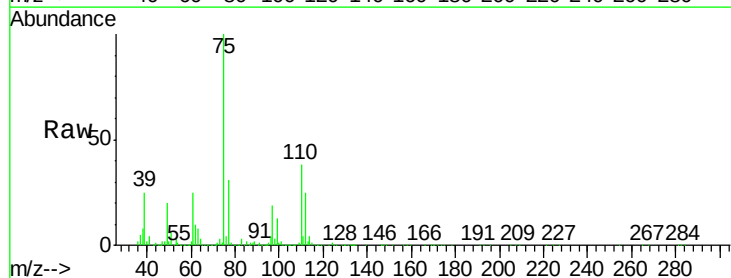
Acq: 27 Jul 2020 12:40

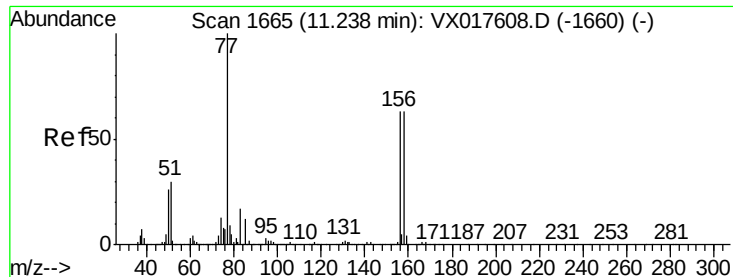
Tgt Ion: 75 Resp: 246983

Ion Ratio Lower Upper

75 100

77 31.6 0.0 73.2





#73

Bromobenzene

Concen: 18.905 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

ICVVX072720

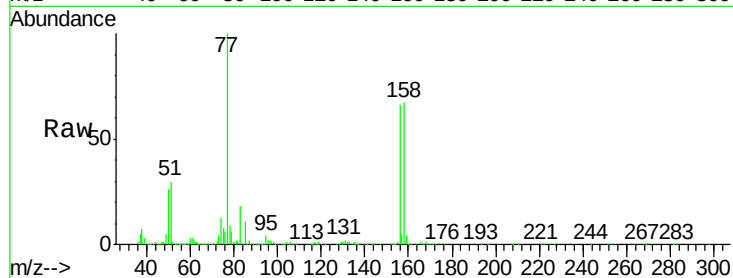
Tgt Ion: 156 Resp: 167335

Ion Ratio Lower Upper

156 100

77 153.3 0.0 302.0

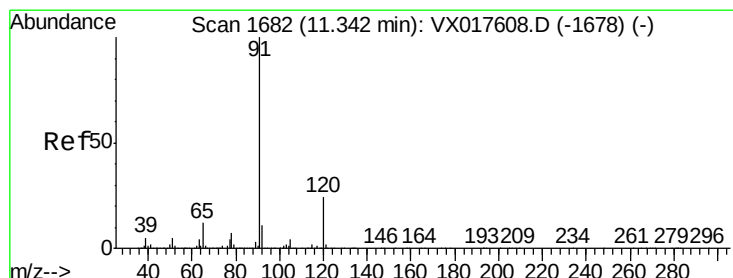
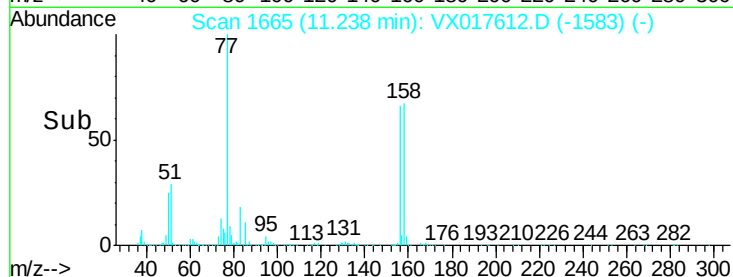
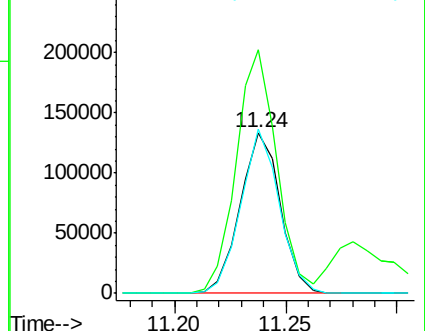
158 98.4 0.0 199.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.944 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017612.D

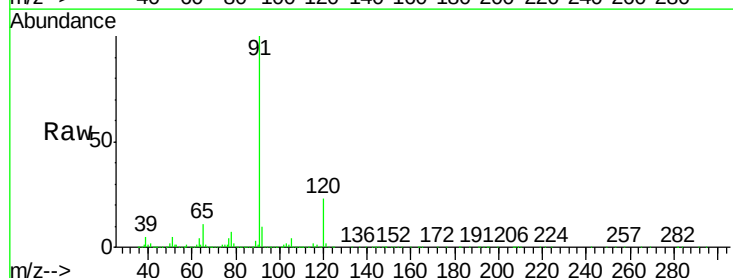
Acq: 27 Jul 2020 12:40

Tgt Ion: 91 Resp: 715528

Ion Ratio Lower Upper

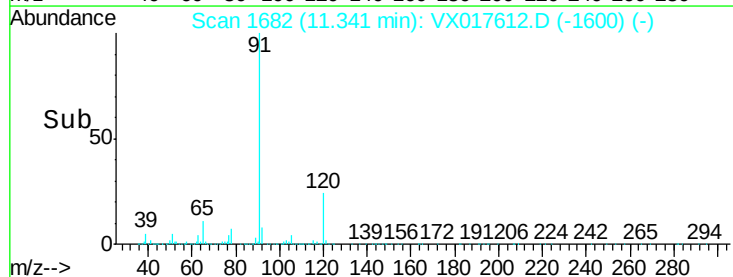
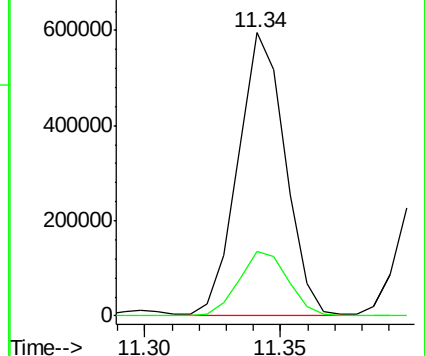
91 100

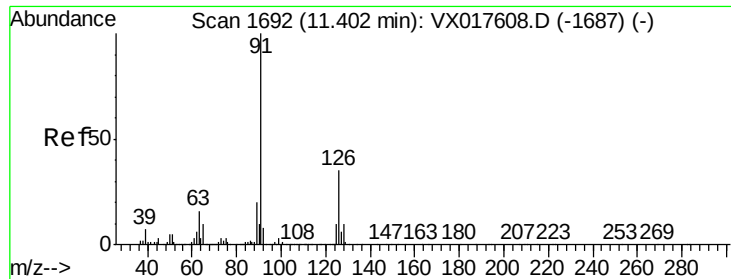
120 23.8 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.773 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

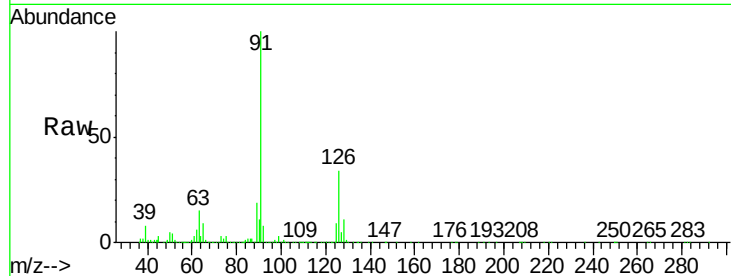
ICVVX072720

Tgt Ion: 91 Resp: 426654

Ion Ratio Lower Upper

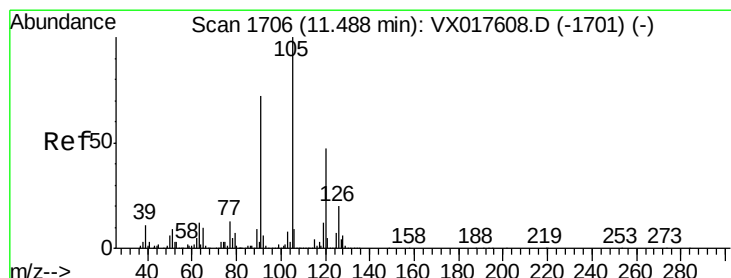
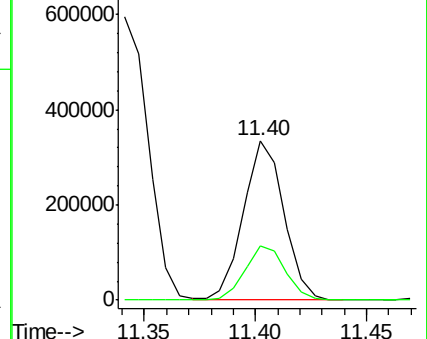
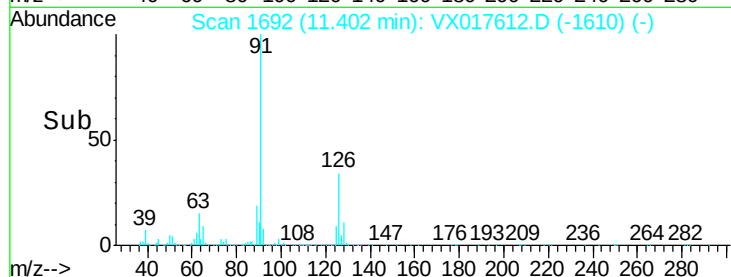
91 100

126 34.0 0.0 67.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.353 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017612.D

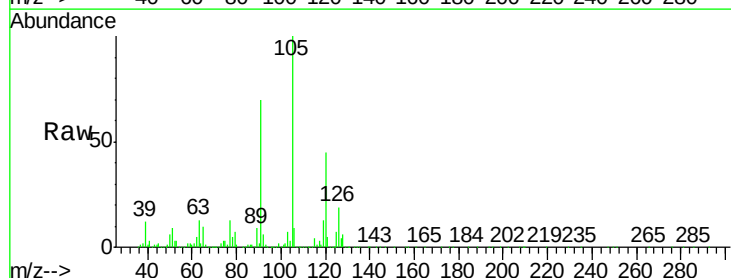
Acq: 27 Jul 2020 12:40

Tgt Ion: 105 Resp: 536919

Ion Ratio Lower Upper

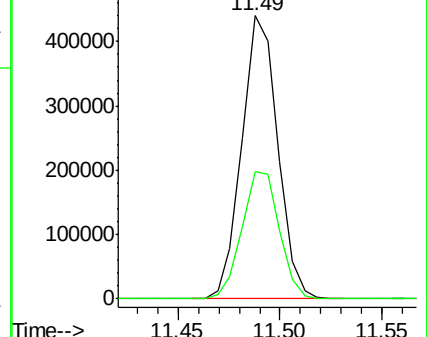
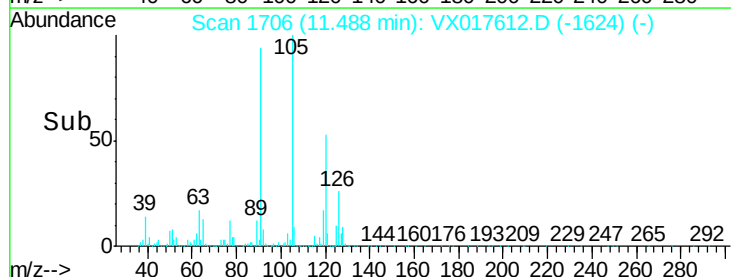
105 100

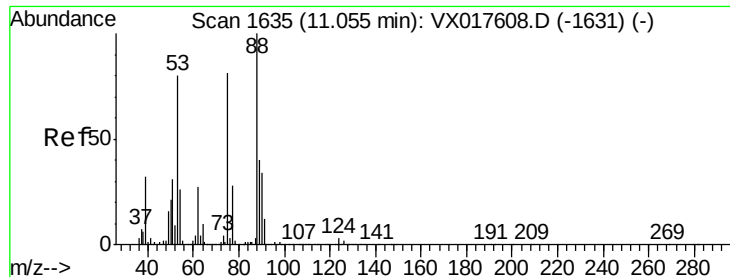
120 47.0 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

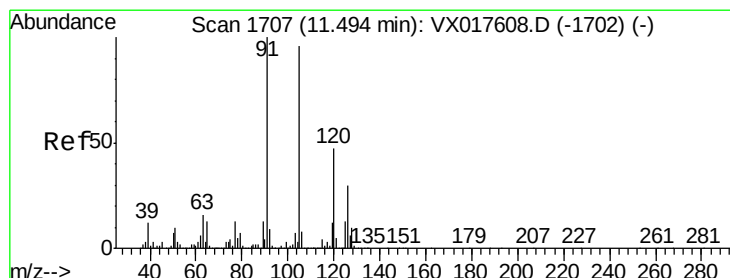
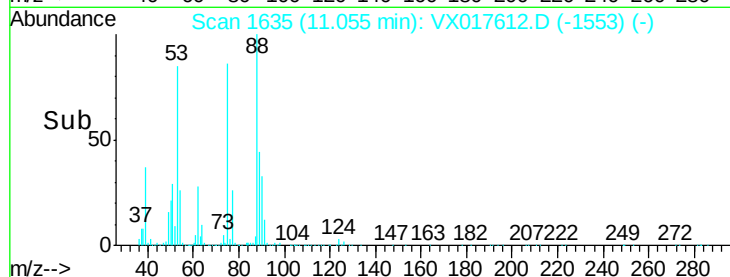
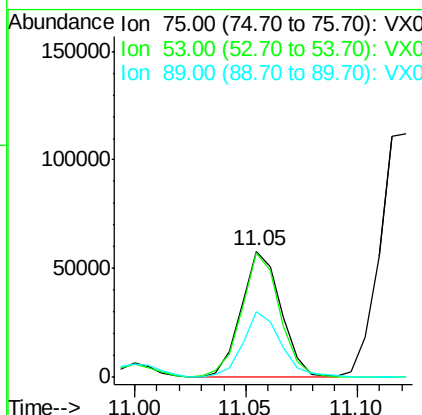
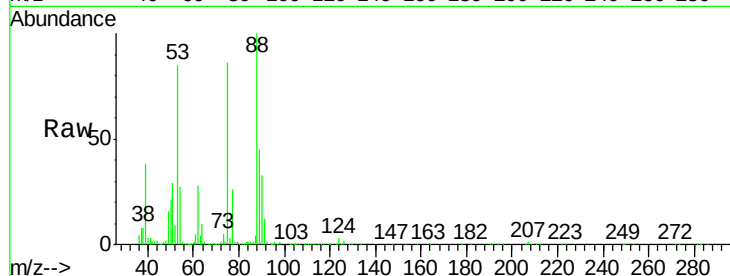




#77
t-1,4-Dichloro-2-butene
Concen: 18.899 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

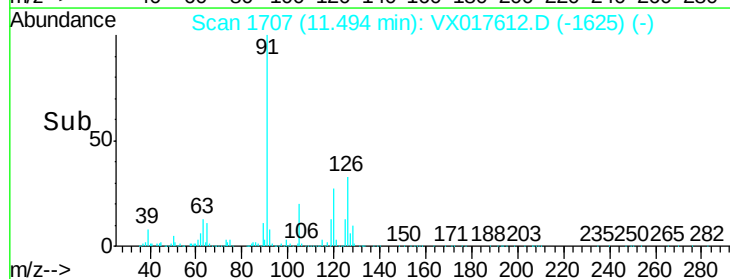
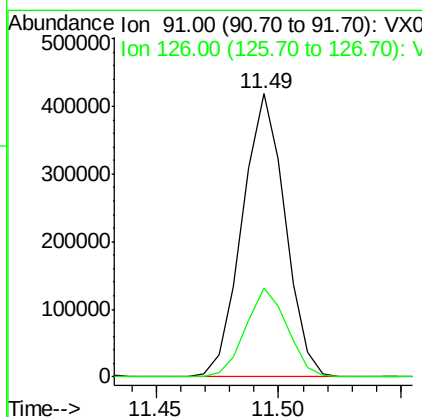
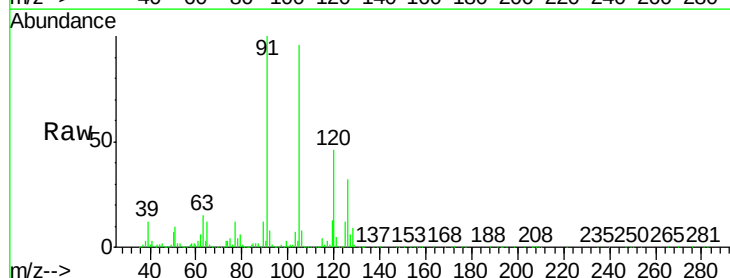
Instrument :
MSVOA_X
ClientSampled :
ICVVX072720

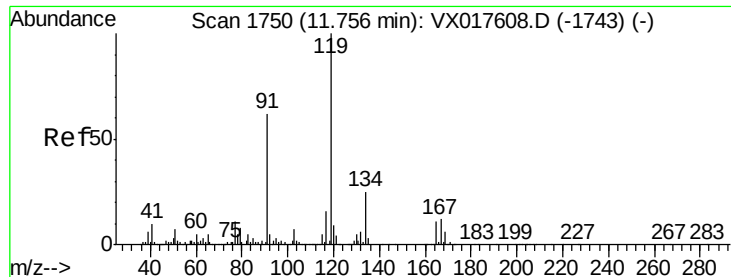
Tgt Ion: 75 Resp: 72014
Ion Ratio Lower Upper
75 100
53 98.7 49.0 147.0
89 51.6 24.4 73.2



#78
4-Chlorotoluene
Concen: 19.290 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion: 91 Resp: 511034
Ion Ratio Lower Upper
91 100
126 30.6 0.0 60.8

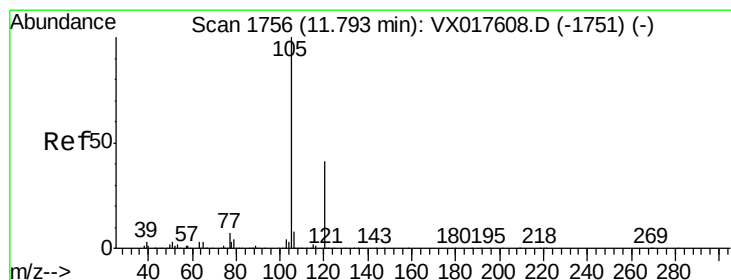
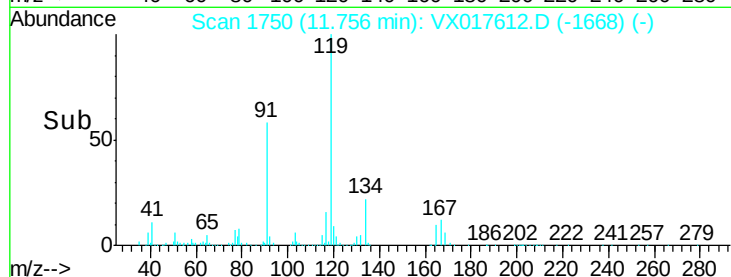
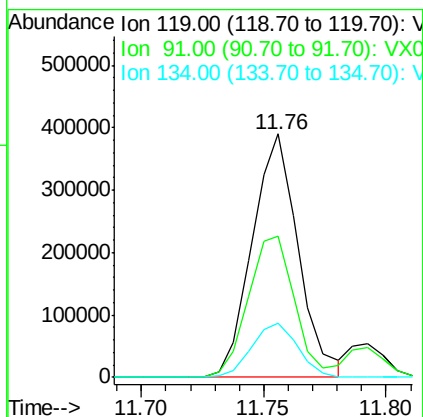
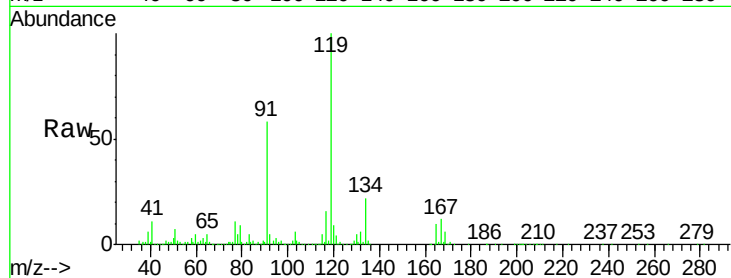




#79
tert-butylbenzene
Concen: 18.888 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

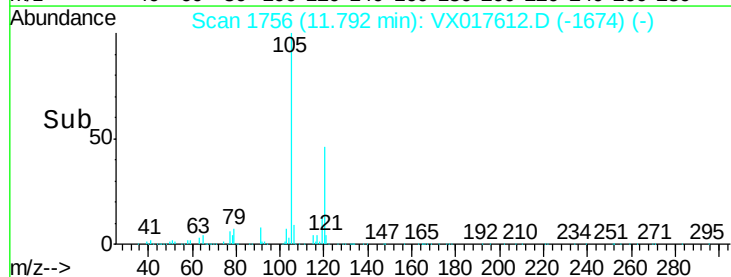
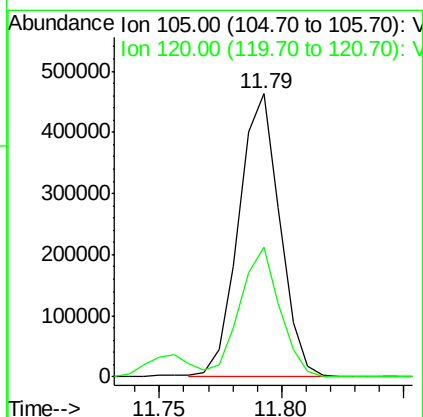
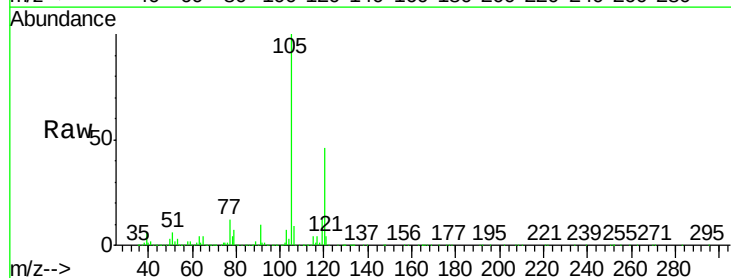
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

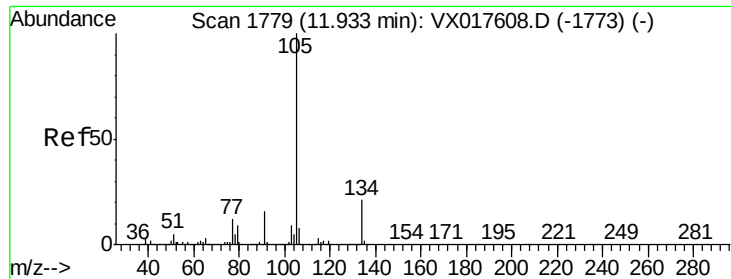
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.8	0.0	121.0
134	22.6	0.0	45.0



#80
1,2,4-Trimethylbenzene
Concen: 18.936 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	0.0	90.0

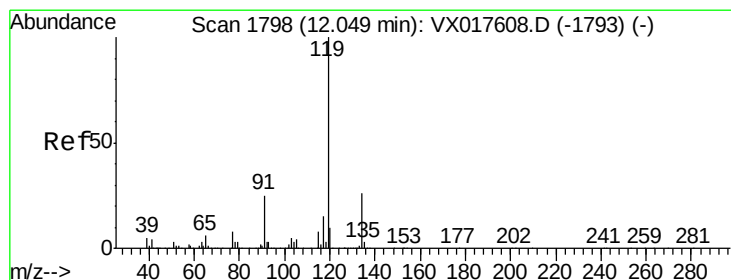
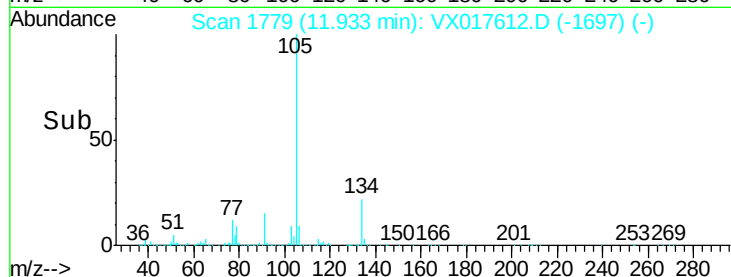
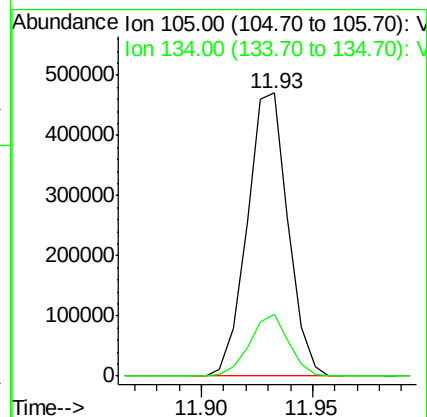
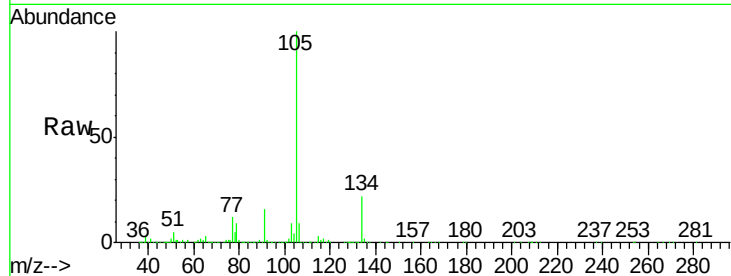




#81
 sec-Butylbenzene
 Concen: 18.537 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

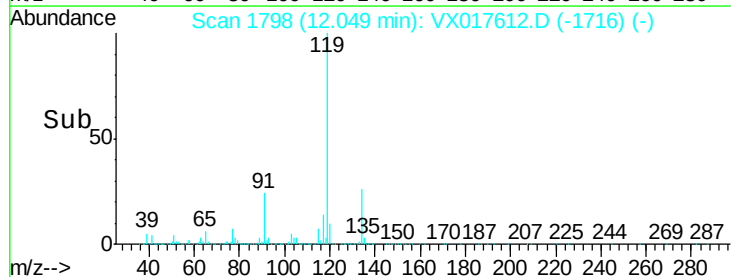
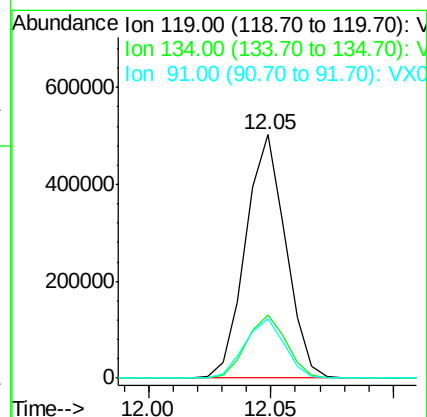
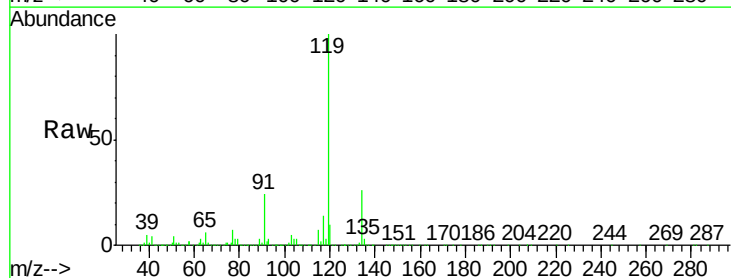
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

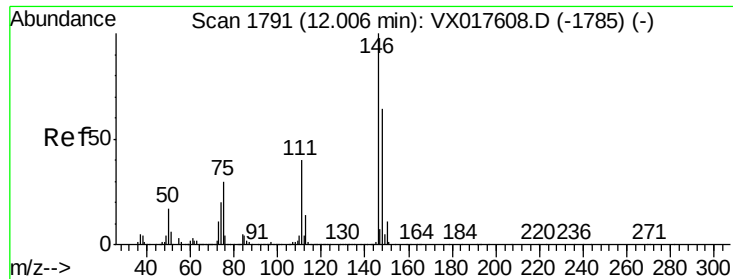
Tgt Ion:105 Resp: 601289
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.089 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion:119 Resp: 574707
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 24.2 0.0 48.2

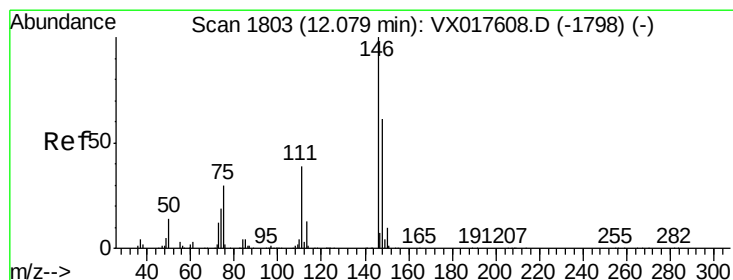
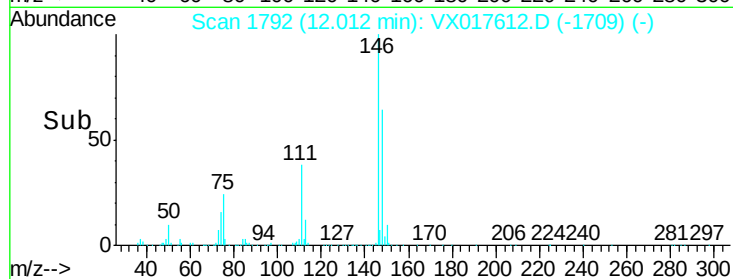
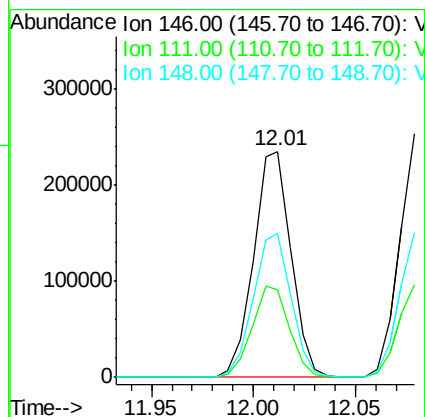
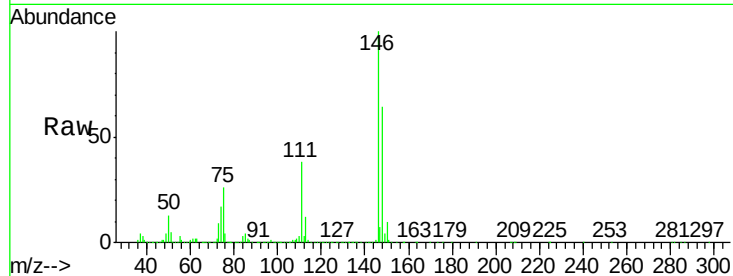




#83
 1,3-Dichlorobenzene
 Concen: 18.937 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

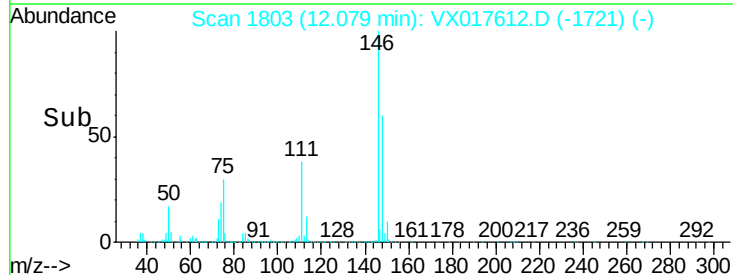
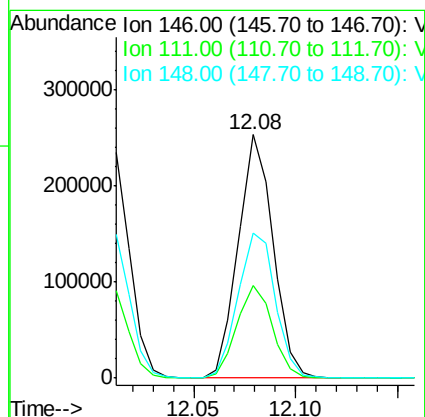
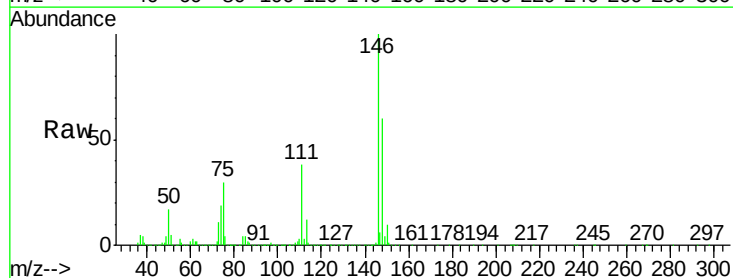
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

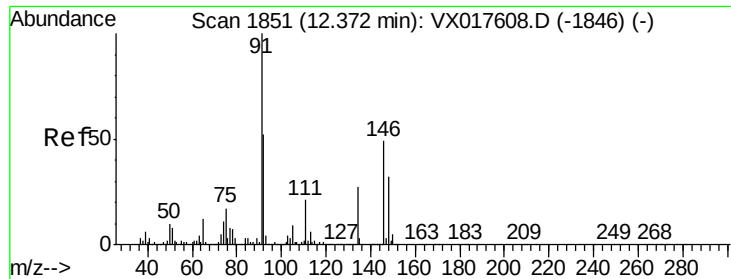
Tgt Ion:146 Resp: 300516
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.7
 148 64.1 32.6 98.0



#84
 1,4-Dichlorobenzene
 Concen: 19.096 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion:146 Resp: 301529
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 63.6 31.6 94.8





#85

n-Butylbenzene

Concen: 17.871 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

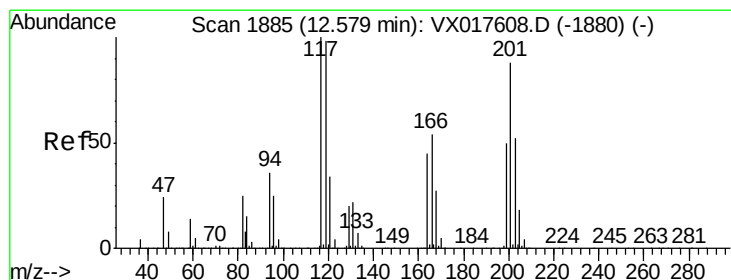
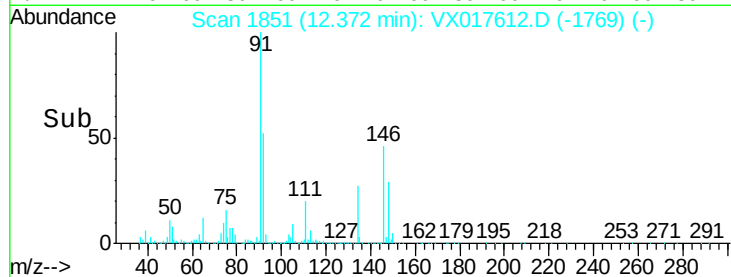
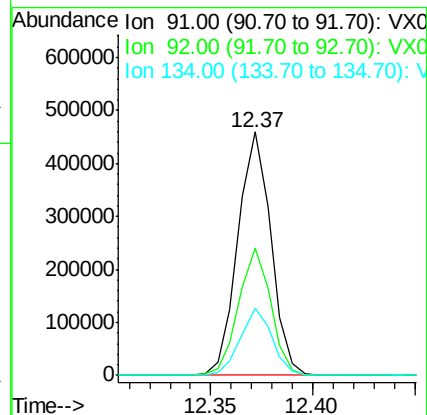
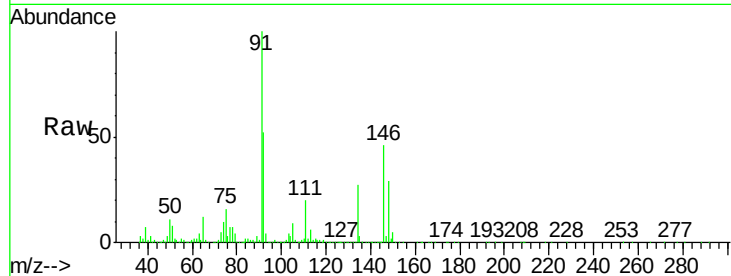
Tgt Ion: 91 Resp: 513641

Ion Ratio Lower Upper

91 100

92 51.2 0.0 104.0

134 26.7 0.0 55.0



#86

Hexachloroethane

Concen: 16.978 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017612.D

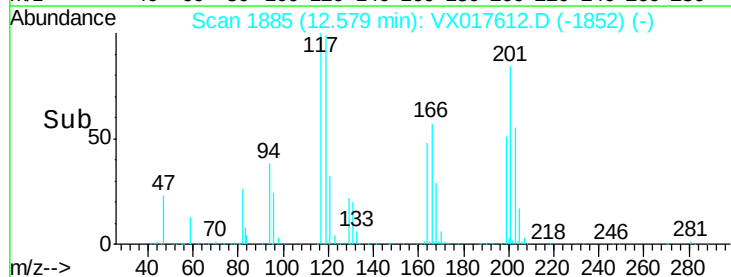
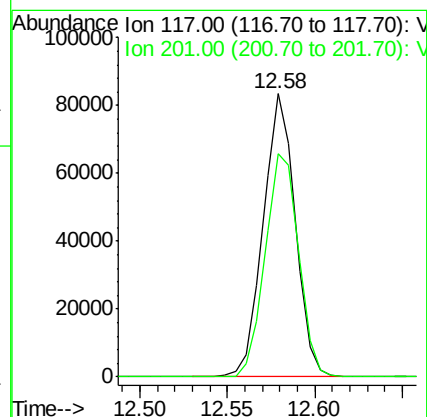
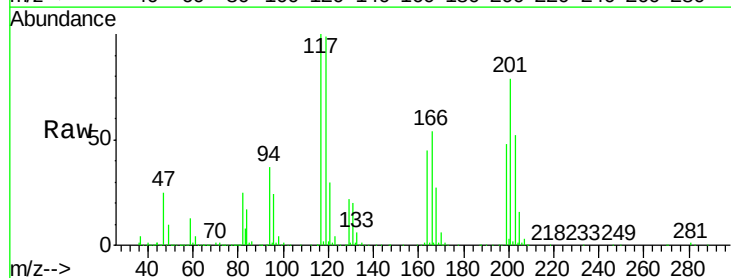
Acq: 27 Jul 2020 12:40

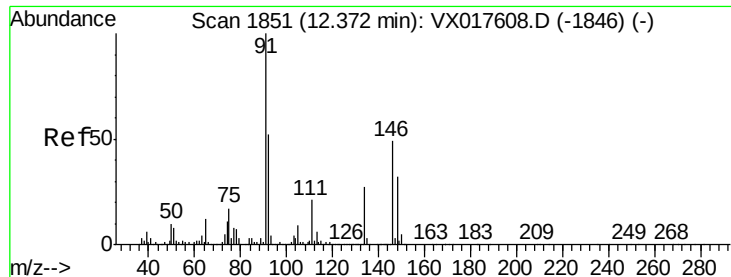
Tgt Ion: 117 Resp: 106411

Ion Ratio Lower Upper

117 100

201 82.2 43.1 129.3

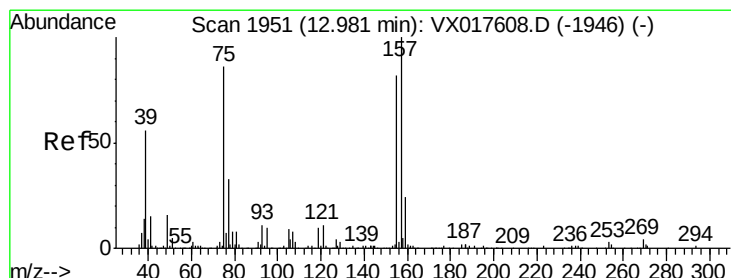
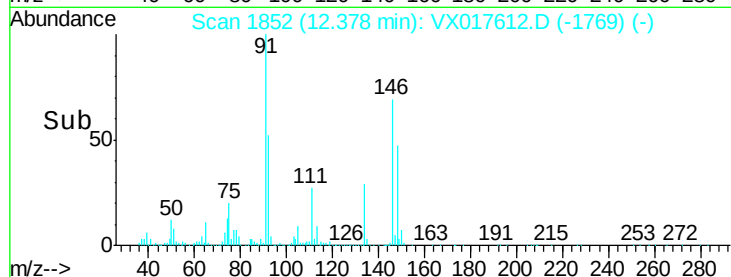
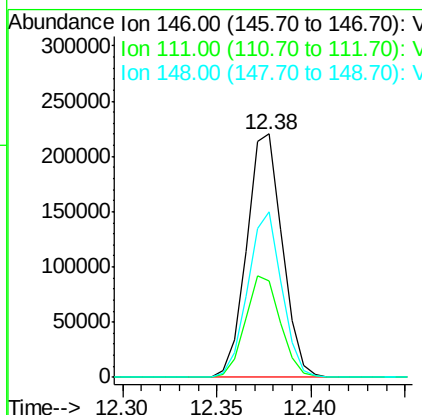
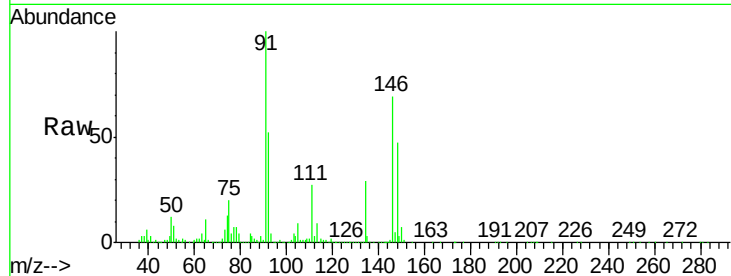




#87
 1,2-Dichlorobenzene
 Concen: 18.098 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

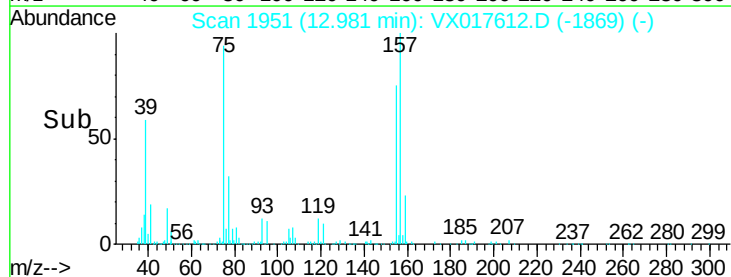
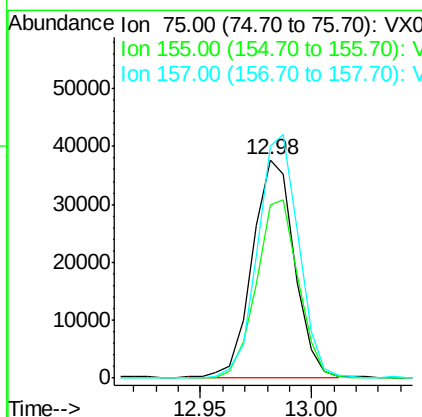
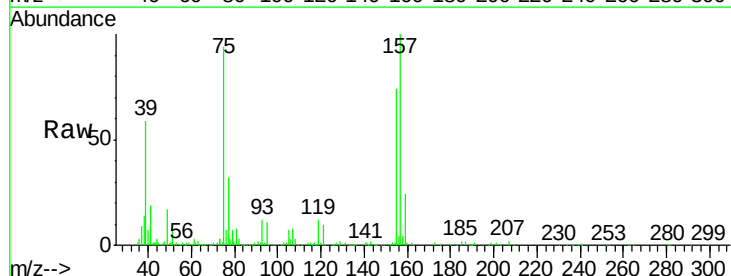
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

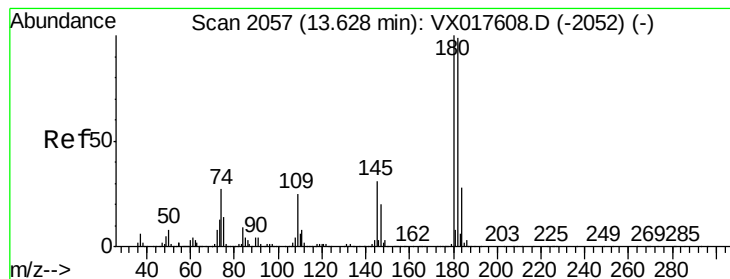
Tgt Ion:146 Resp: 287947
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.7 62.1
 148 65.1 32.3 96.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.688 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion: 75 Resp: 49299
 Ion Ratio Lower Upper
 75 100
 155 81.6 69.5 104.3
 157 109.2 88.2 132.4





#89

1,2,4-Trichlorobenzene

Concen: 18.031 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

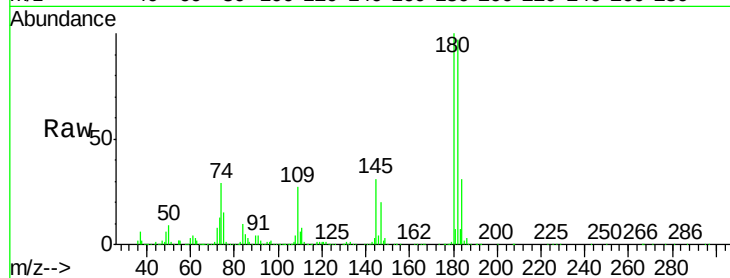
Tgt Ion:180 Resp: 210499

Ion Ratio Lower Upper

180 100

182 92.8 77.4 116.0

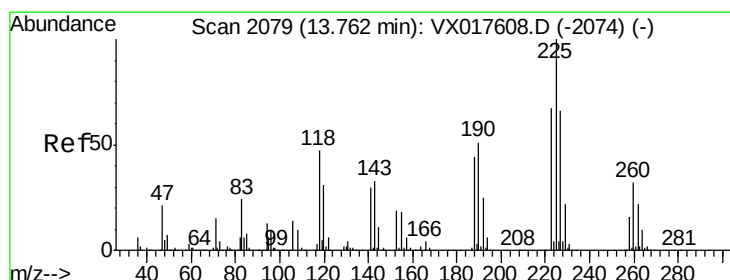
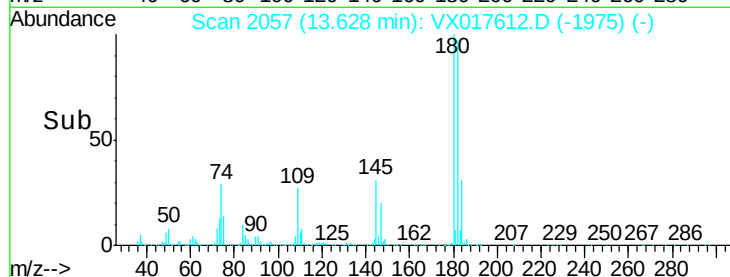
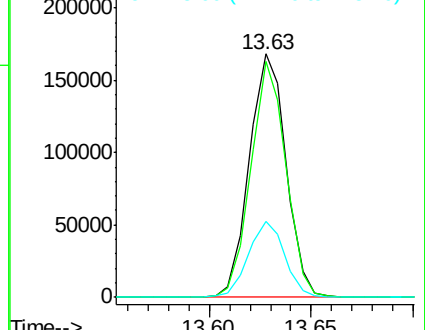
145 30.8 24.9 37.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 17.897 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

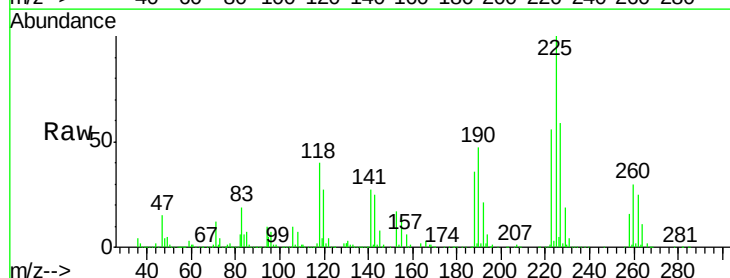
Tgt Ion:225 Resp: 94651

Ion Ratio Lower Upper

225 100

223 61.9 0.0 130.8

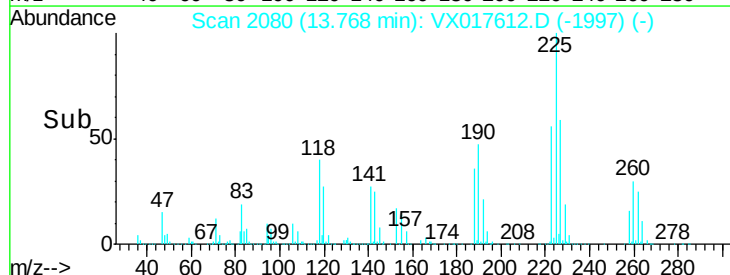
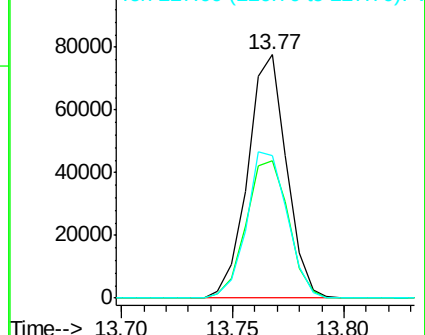
227 62.8 0.0 127.2

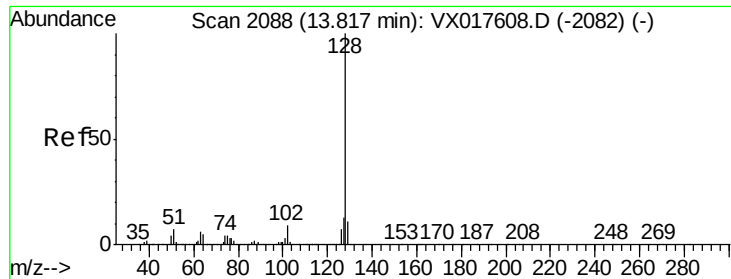


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.223 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

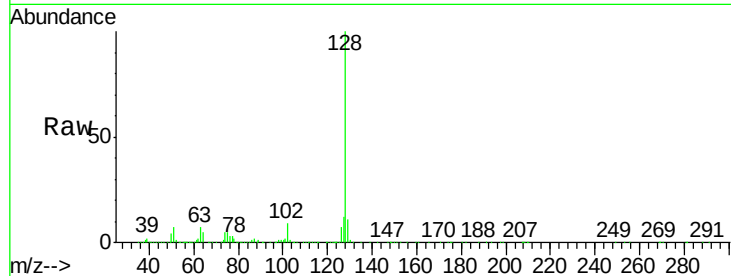
Tgt Ion:128 Resp: 627728

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

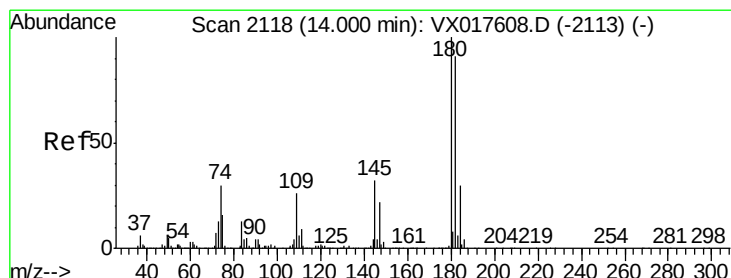
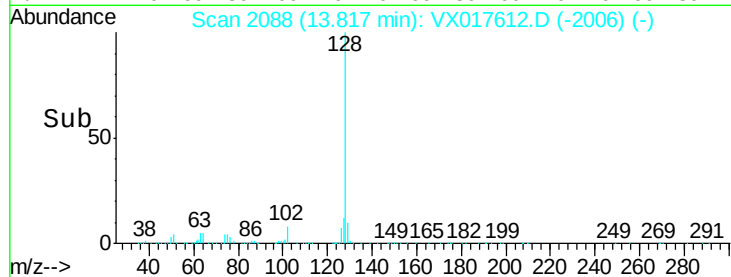
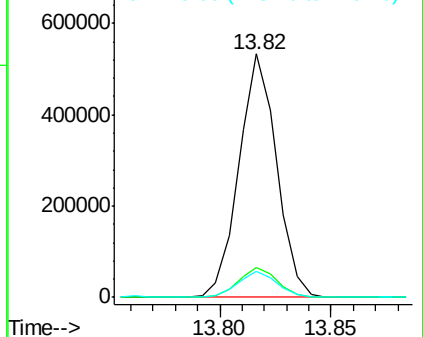
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.172 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

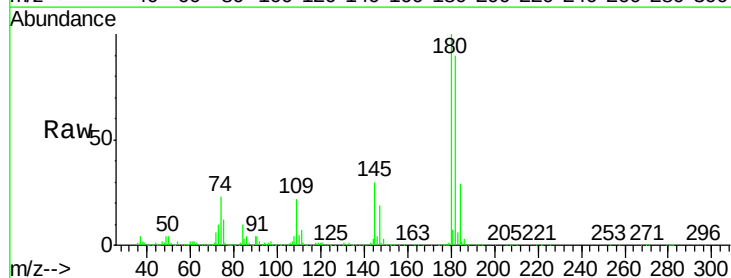
Tgt Ion:180 Resp: 213568

Ion Ratio Lower Upper

180 100

182 92.3 0.0 190.2

145 32.6 0.0 63.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

