

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019457.D
 Acq On : 18 Nov 2020 17:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Quant Time: Nov 19 03:11:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	240117	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	411119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	394119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184380	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	173180	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
35) Dibromofluoromethane	5.46	113	125849	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
50) Toluene-d8	8.70	98	491959	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.12	95	189757	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	134550	49.883	ug/l	100
3) Chloromethane	1.31	50	158795	47.474	ug/l	99
4) Vinyl Chloride	1.39	62	161357	48.323	ug/l	99
5) Bromomethane	1.62	94	82070	51.493	ug/l	97
6) Chloroethane	1.70	64	104089	94.273	ug/l	100
7) Trichlorofluoromethane	1.90	101	223054	47.725	ug/l	99
8) Diethyl Ether	2.17	74	92654	49.741	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120694	47.030	ug/l	99
10) Methyl Iodide	2.48	142	153925	48.065	ug/l	100
11) Tert butyl alcohol	3.03	59	192245	274.930	ug/l	98
12) 1,1-Dichloroethene	2.35	96	120107	46.418	ug/l	99
13) Acrolein	2.27	56	116507	232.478	ug/l	99
14) Allyl chloride	2.70	41	226207	49.874	ug/l	100
15) Acrylonitrile	3.11	53	422460	261.991	ug/l	99
16) Acetone	2.42	43	376636	258.826	ug/l	100
17) Carbon Disulfide	2.54	76	348208	49.559	ug/l	99
18) Methyl Acetate	2.75	43	177490	49.584	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	484331	51.774	ug/l	99
20) Methylene Chloride	2.83	84	158371	48.071	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	138885	48.493	ug/l	98
22) Diisopropyl ether	3.82	45	469240	50.706	ug/l	97
23) Vinyl Acetate	3.78	43	2103756	267.925	ug/l	100
24) 1,1-Dichloroethane	3.66	63	262609	48.354	ug/l	99
25) 2-Butanone	4.63	43	583589	268.818	ug/l	98
26) 2,2-Dichloropropane	4.54	77	229924	49.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	161666	49.679	ug/l	99
28) Bromochloromethane	4.97	49	122745	47.571	ug/l	99
29) Tetrahydrofuran	5.08	42	368390	263.234	ug/l	100
30) Chloroform	5.17	83	270235	48.791	ug/l	98
31) Cyclohexane	5.54	56	228845	48.428	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	235785	48.787	ug/l	99
36) 1,1-Dichloropropene	5.76	75	200787	48.723	ug/l	100
37) Ethyl Acetate	4.79	43	225103	53.097	ug/l	100
38) Carbon Tetrachloride	5.74	117	200507	49.327	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	234319	50.569	ug/l	97
40) Benzene	6.10	78	602371	49.059	ug/l	100
41) Methacrylonitrile	5.00	41	122457	52.742	ug/l	98
42) 1,2-Dichloroethane	6.15	62	234229	50.203	ug/l	100
43) Isopropyl Acetate	6.41	43	368964	52.513	ug/l	99
44) Trichloroethene	7.18	130	152010	49.105	ug/l	99
45) 1,2-Dichloropropane	7.48	63	157184	49.370	ug/l	99
46) Dibromomethane	7.63	93	107318	51.319	ug/l	99
47) Bromodichloromethane	7.87	83	216916	52.435	ug/l	99
48) Methyl methacrylate	7.74	41	185525	54.660	ug/l	100
49) 1,4-Dioxane	7.71	88	73871	1104.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1134437	271.978	ug/l	100
52) Toluene	8.76	92	383609	51.468	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	249049	49.364	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	263781	48.591	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	158312	52.442	ug/l	99
56) Ethyl methacrylate	9.16	69	251599	50.928	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271498	51.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	662016	267.582	ug/l	99
59) 2-Hexanone	9.47	43	862459	273.017	ug/l	100
60) Dibromochloromethane	9.56	129	162312	49.391	ug/l	99
61) 1,2-Dibromoethane	9.65	107	165747	52.968	ug/l	99
64) Tetrachloroethene	9.32	164	144451	46.899	ug/l	96
65) Chlorobenzene	10.12	112	405518	50.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	148384	47.093	ug/l	97
67) Ethyl Benzene	10.23	91	746681	51.105	ug/l	99
68) m/p-Xylenes	10.34	106	551842	103.581	ug/l	100
69) o-Xylene	10.68	106	262437	51.727	ug/l	97
70) Styrene	10.70	104	445815	46.331	ug/l	99
71) Bromoform	10.84	173	111499	46.833	ug/l	99
73) Isopropylbenzene	11.00	105	712250	53.431	ug/l	100
74) N-amyl acetate	10.88	43	310320	55.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235643	51.225	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	286748	65.231	ug/l	86
77) Bromobenzene	11.24	156	164164	52.267	ug/l	99
78) n-propylbenzene	11.34	91	830034	53.964	ug/l	100
79) 2-Chlorotoluene	11.40	91	494281	52.865	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608059	53.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	80218	49.435	ug/l	98
82) 4-Chlorotoluene	11.49	91	585641	52.506	ug/l	99
83) tert-Butylbenzene	11.75	119	563435	53.999	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	611505	53.921	ug/l	100
85) sec-Butylbenzene	11.93	105	689599	53.889	ug/l	100
86) p-Isopropyltoluene	12.05	119	628915	49.105	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	302179	50.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304515	49.848	ug/l	99
89) n-Butylbenzene	12.37	91	580821	53.503	ug/l	100
90) Hexachloroethane	12.58	117	105284	47.394	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	293274	49.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54249	52.124	ug/l	98

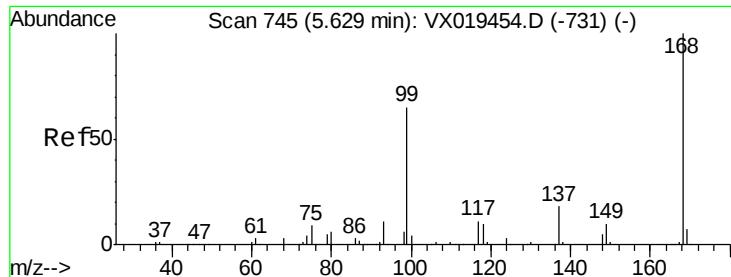
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190827	46.368	ug/l	99
94) Hexachlorobutadiene	13.76	225	82303	50.940	ug/l	95
95) Naphthalene	13.82	128	675716	47.960	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	192101	47.252	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

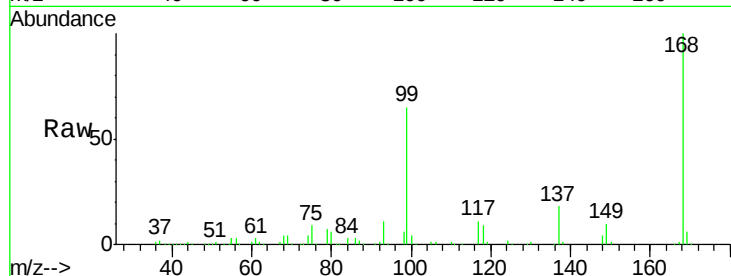
ICVVX111920

Tot Ion:168 Resp: 240117

Ion Ratio Lower Upper

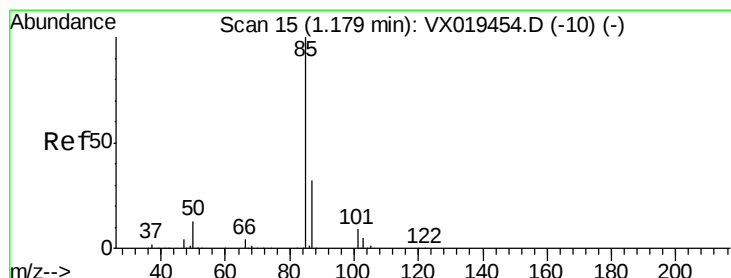
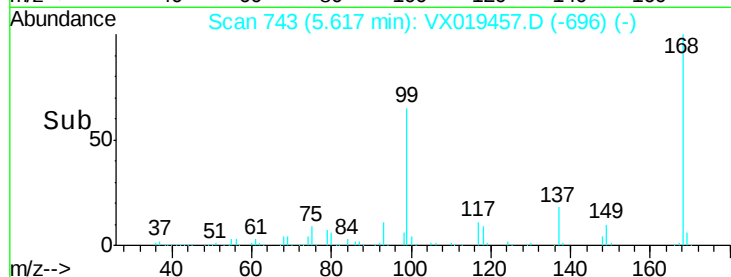
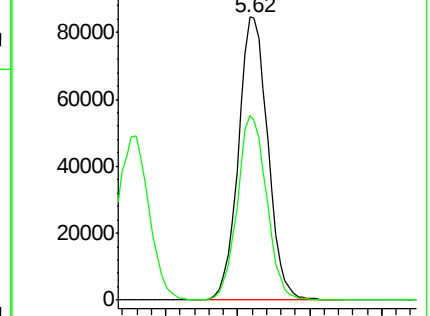
168 100

99 65.1 52.1 78.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.883 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019457.D

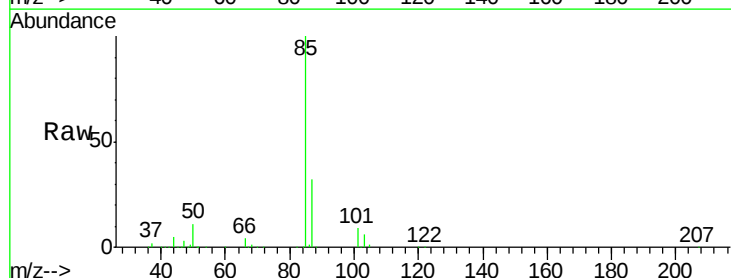
Acq: 18 Nov 2020 17:33

Tgt Ion: 85 Resp: 134550

Ion Ratio Lower Upper

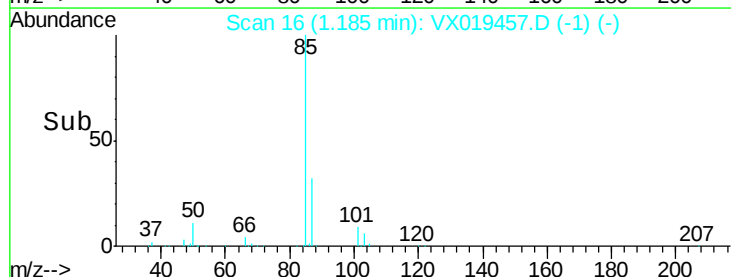
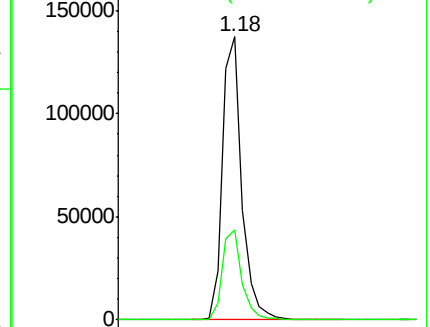
85 100

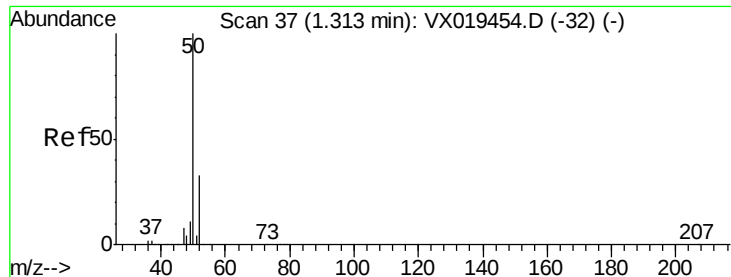
87 31.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.474 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

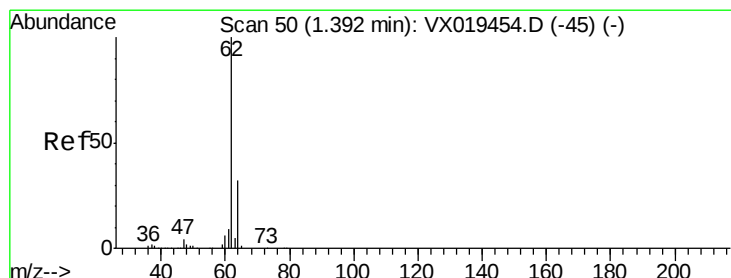
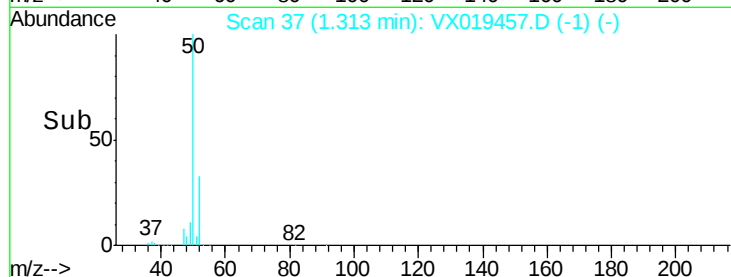
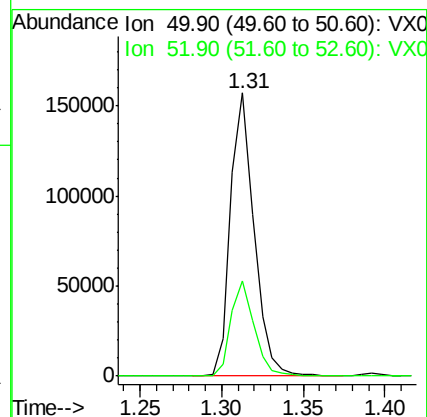
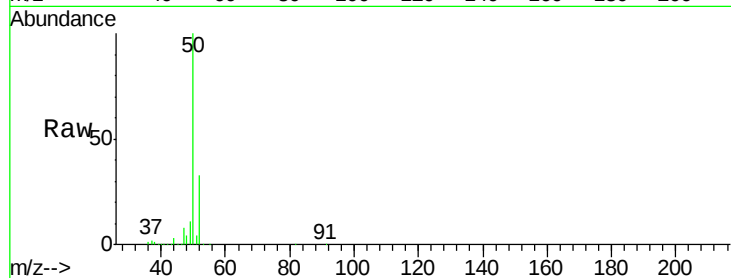
ICVVX111920

Tot Ion: 50 Resp: 158795

Ion Ratio Lower Upper

50 100

52 33.5 26.4 39.6



#4

Vinyl Chloride

Concen: 48.323 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019457.D

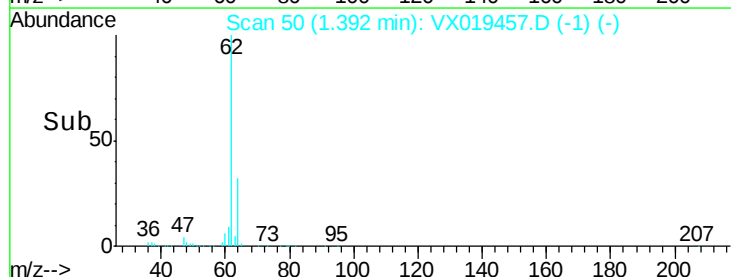
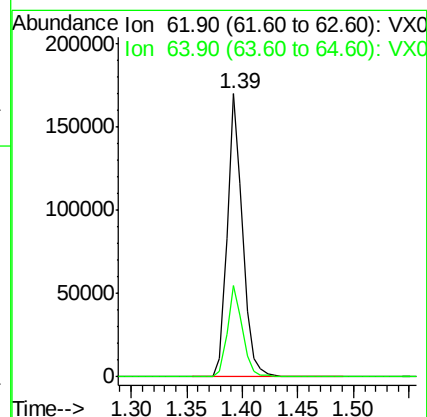
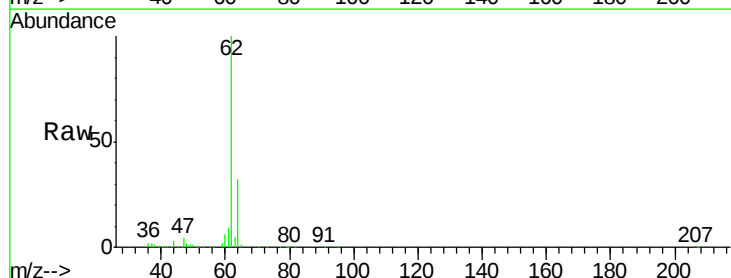
Acq: 18 Nov 2020 17:33

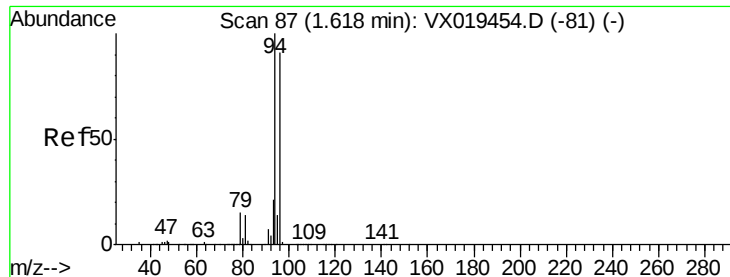
Tgt Ion: 62 Resp: 161357

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 51.493 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

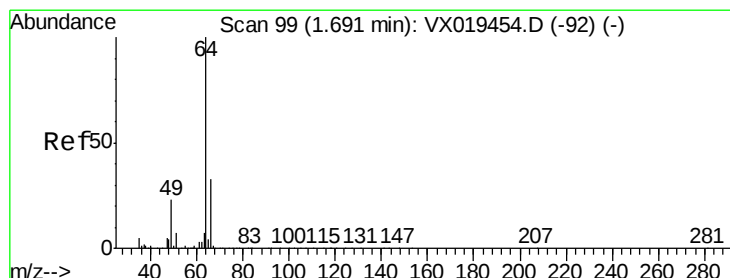
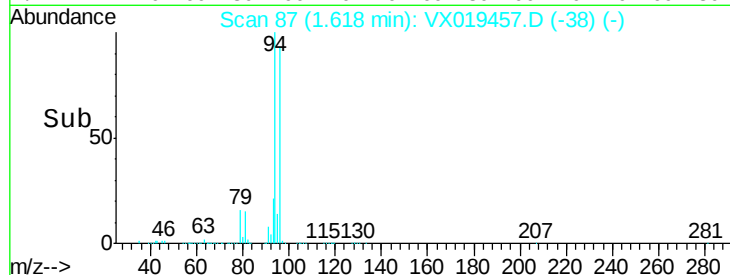
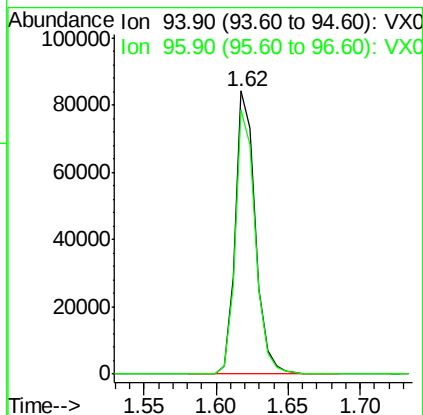
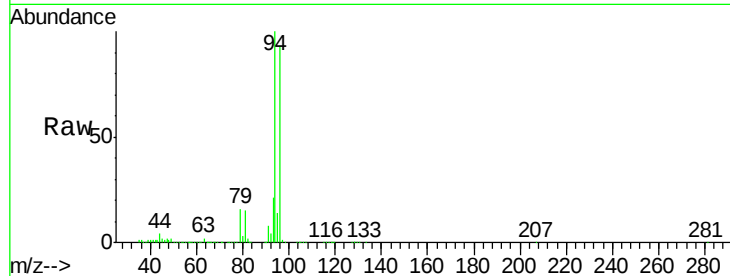
ICVVX111920

Tot Ion: 94 Resp: 82070

Ion Ratio Lower Upper

94 100

96 93.3 72.4 108.6



#6

Chloroethane

Concen: 94.273 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019457.D

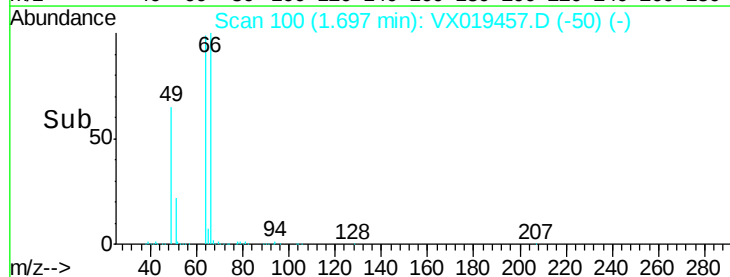
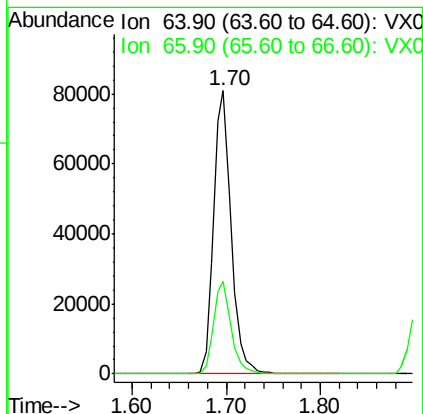
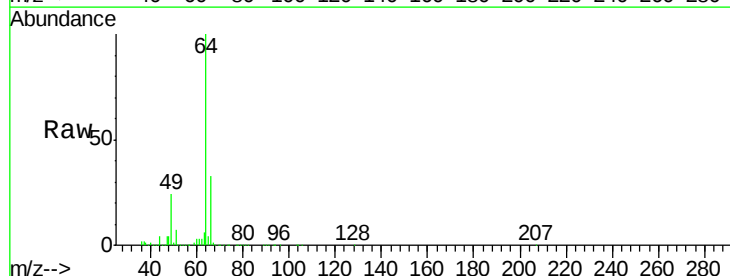
Acq: 18 Nov 2020 17:33

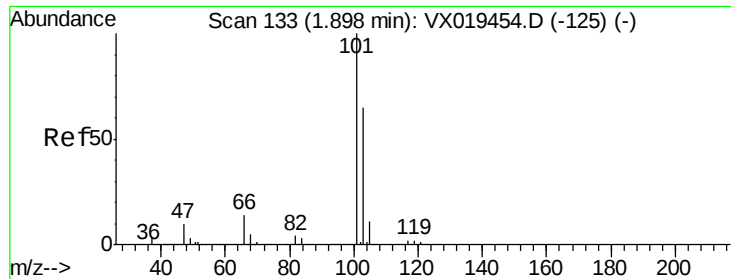
Tgt Ion: 64 Resp: 104089

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1



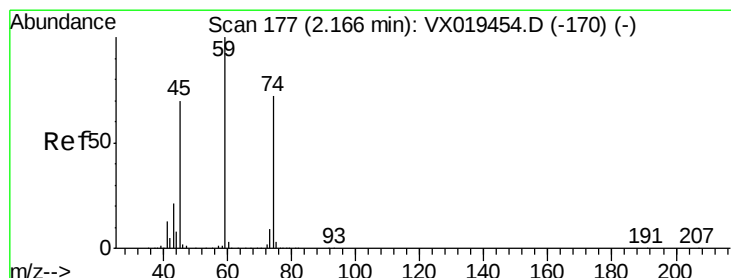
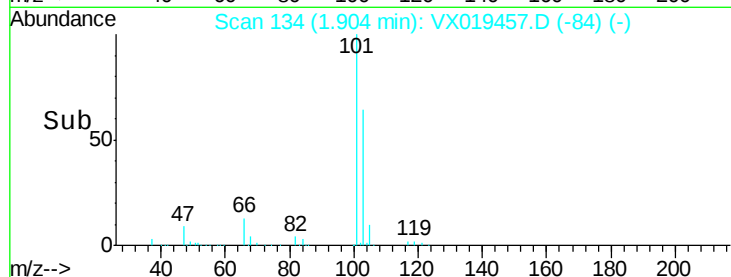
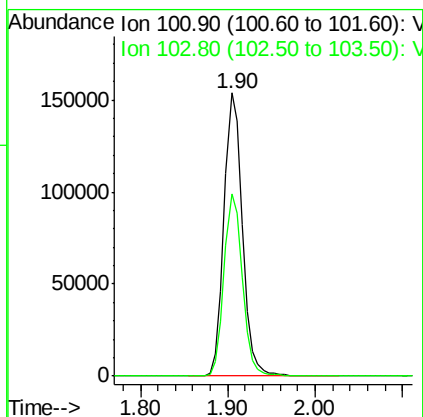
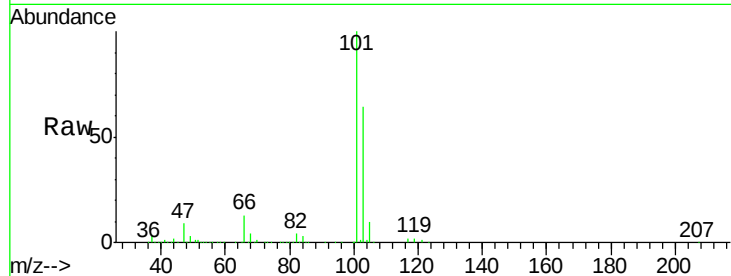


#7

Trichlorofluoromethane
 Concen: 47.725 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
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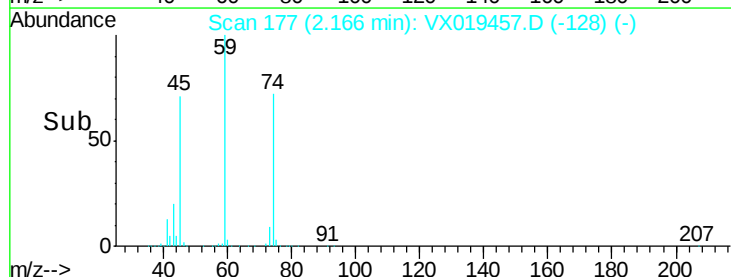
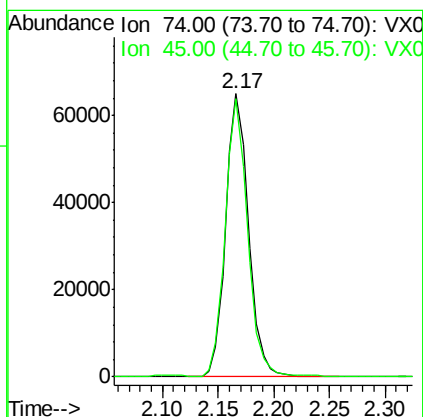
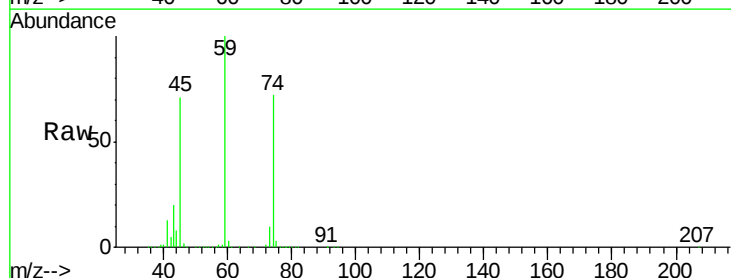
Tot Ion:101 Resp: 223054
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.8

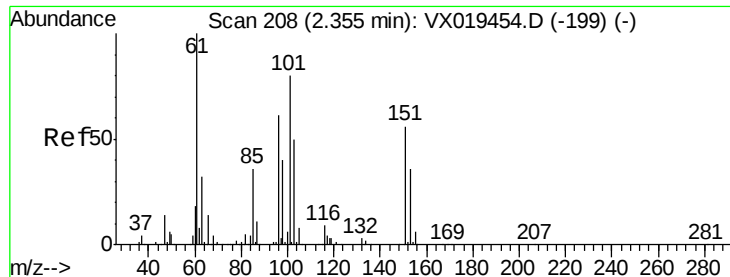


#8

Diethyl Ether
 Concen: 49.741 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion: 74 Resp: 92654
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.8 146.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.030 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

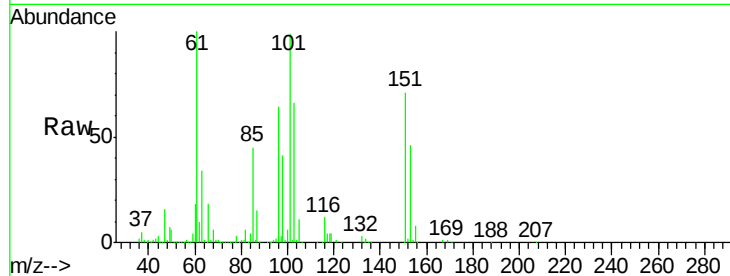
Tot Ion:101 Resp: 120694

Ion Ratio Lower Upper

101 100

85 44.9 36.9 55.3

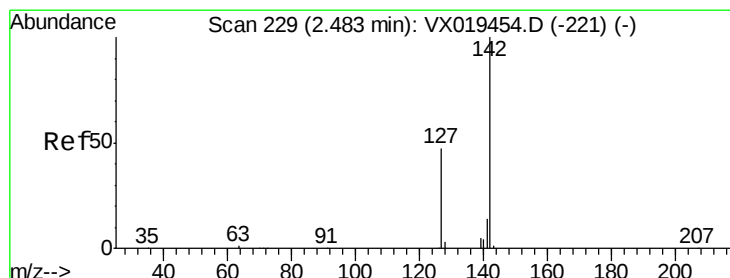
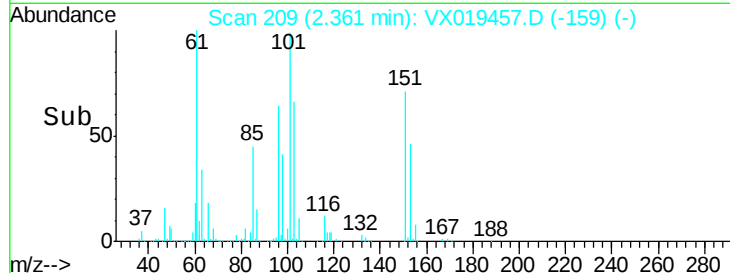
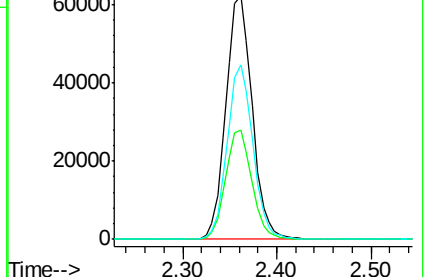
151 70.4 56.8 85.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.065 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

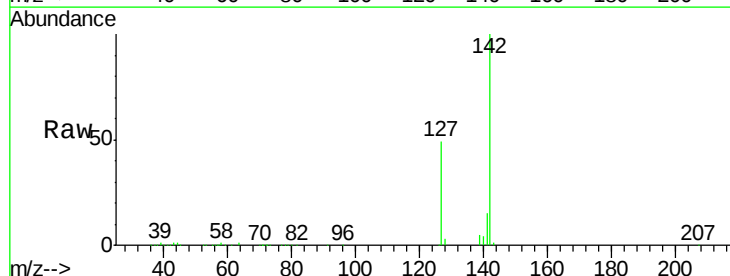
Tgt Ion:142 Resp: 153925

Ion Ratio Lower Upper

142 100

127 47.3 37.8 56.6

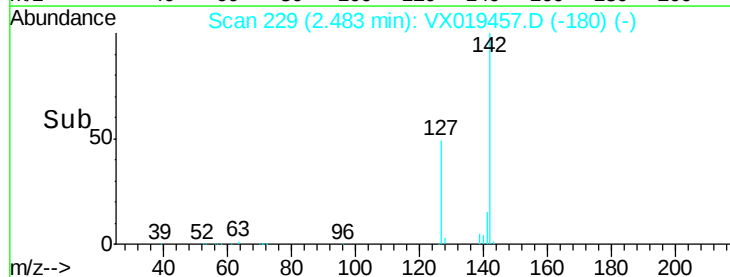
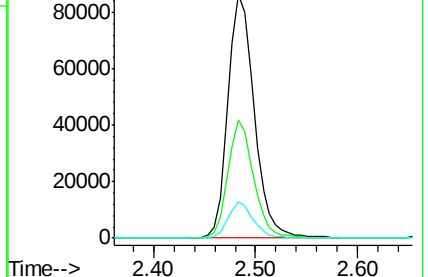
141 14.2 11.4 17.2

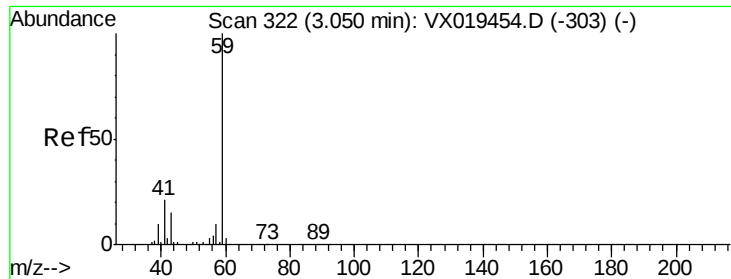


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



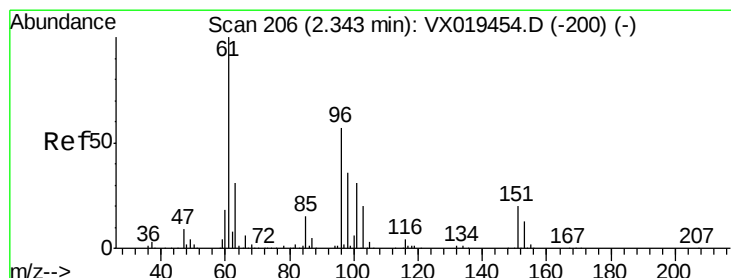
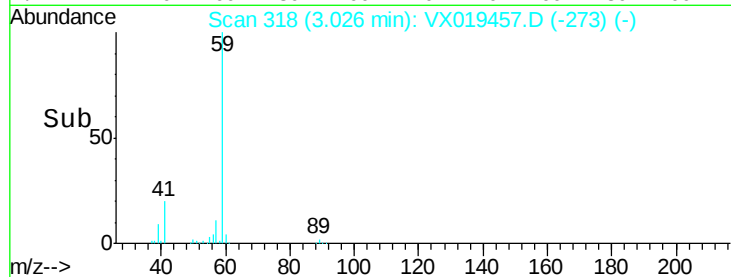
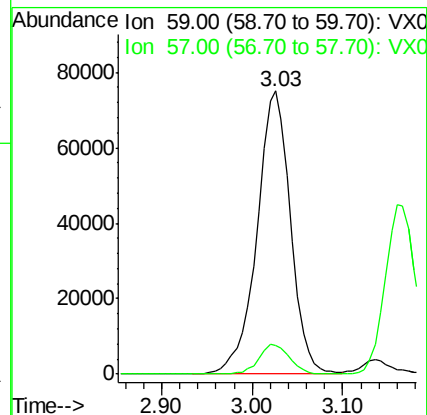
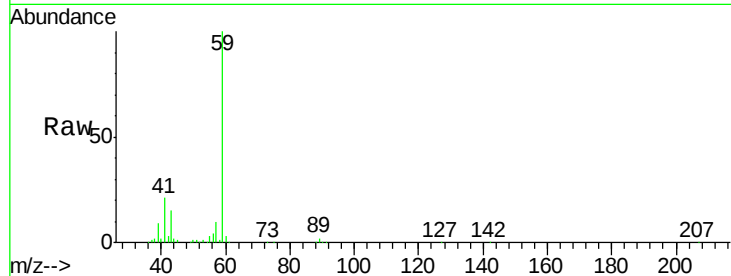


#11

Tert butyl alcohol
 Concen: 274.930 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. -0.02 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

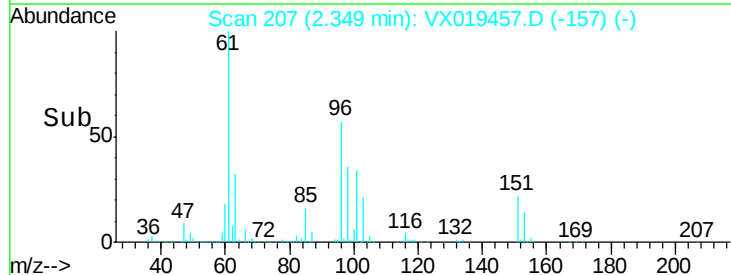
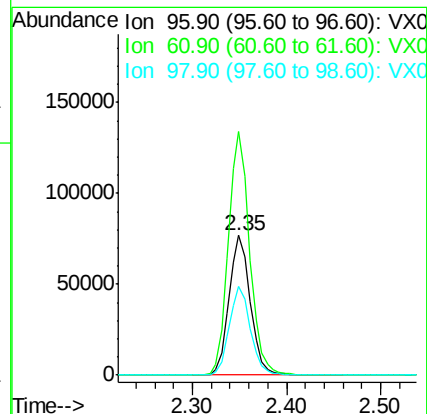
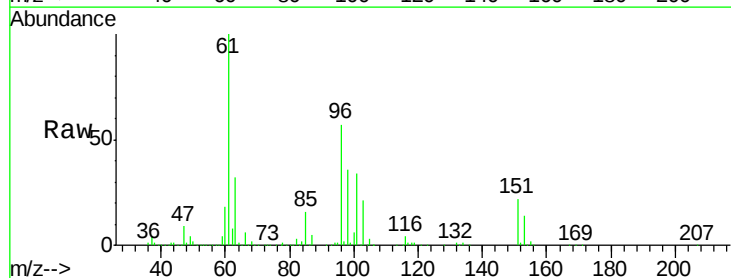
Tot Ion: 59 Resp: 192245
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.4 12.6

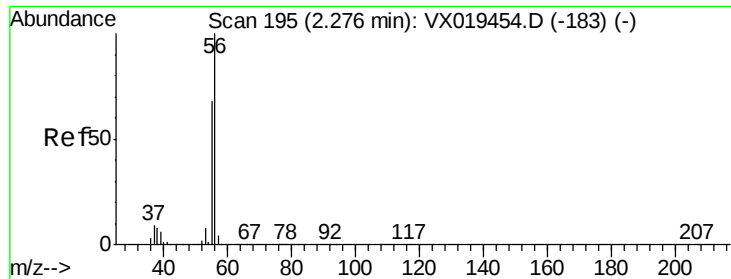


#12

1,1-Dichloroethene
 Concen: 46.418 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion: 96 Resp: 120107
 Ion Ratio Lower Upper
 96 100
 61 174.5 139.2 208.8
 98 63.6 50.3 75.5





#13

Acrolein

Concen: 232.478 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

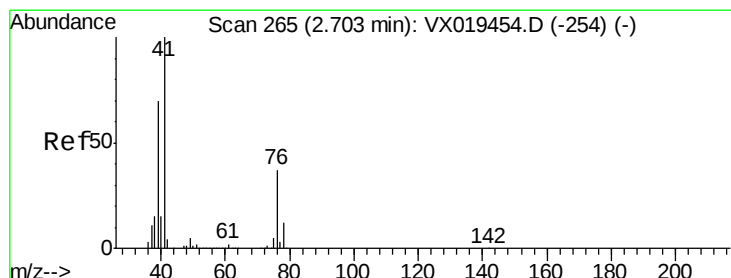
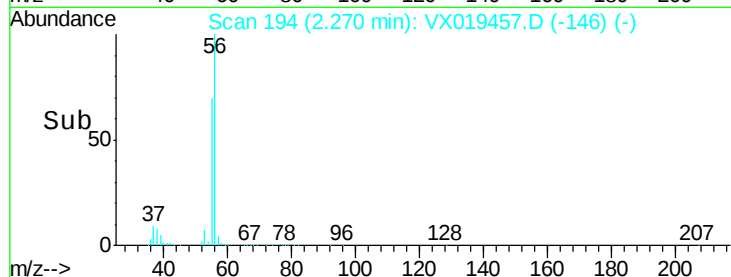
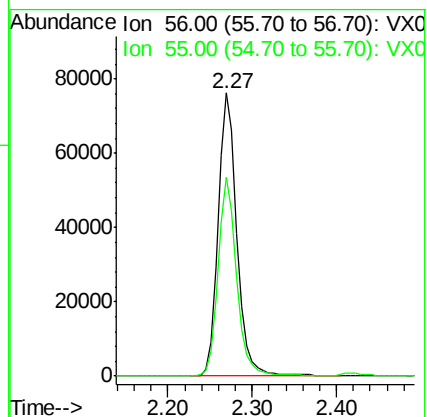
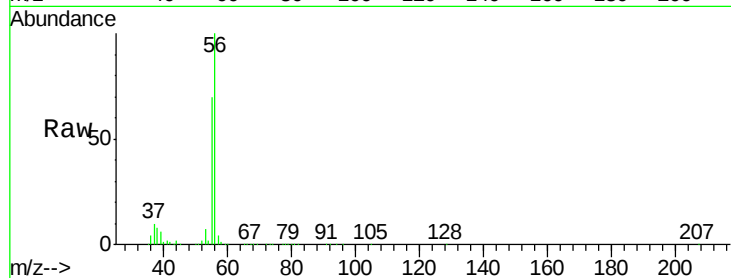
ICVVX111920

Tot Ion: 56 Resp: 116507

Ion Ratio Lower Upper

56 100

55 69.1 55.9 83.9



#14

Allyl chloride

Concen: 49.874 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

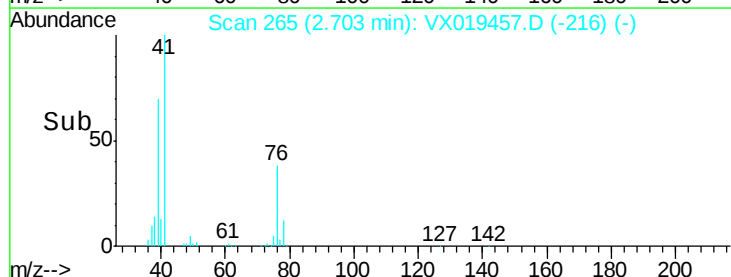
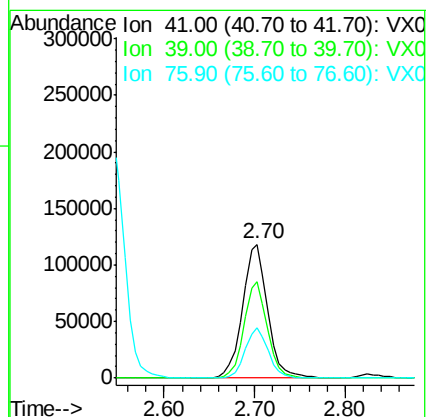
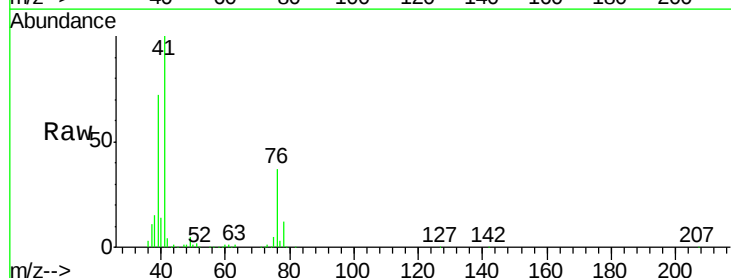
Tgt Ion: 41 Resp: 226207

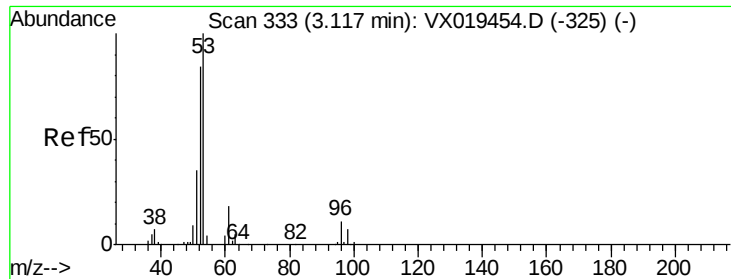
Ion Ratio Lower Upper

41 100

39 66.8 53.2 79.8

76 34.4 27.5 41.3





#15

Acrylonitrile

Concen: 261.991 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

ICVVX111920

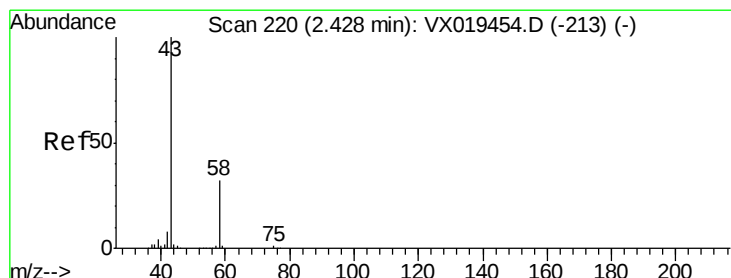
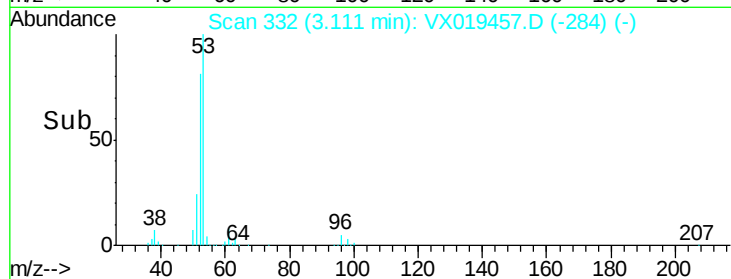
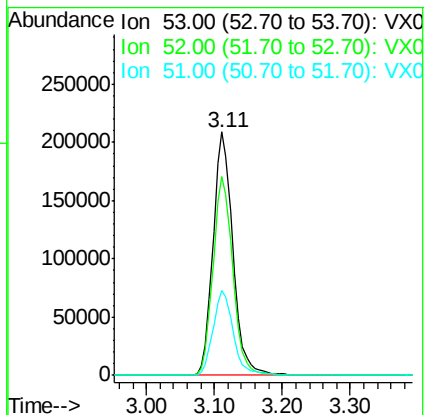
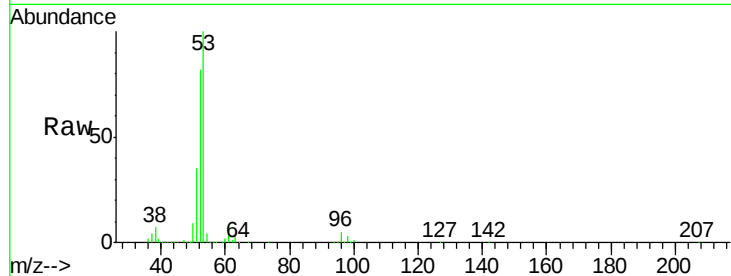
Tot Ion: 53 Resp: 422460

Ion Ratio Lower Upper

53 100

52 81.4 66.3 99.5

51 35.8 28.5 42.7



#16

Acetone

Concen: 258.826 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019457.D

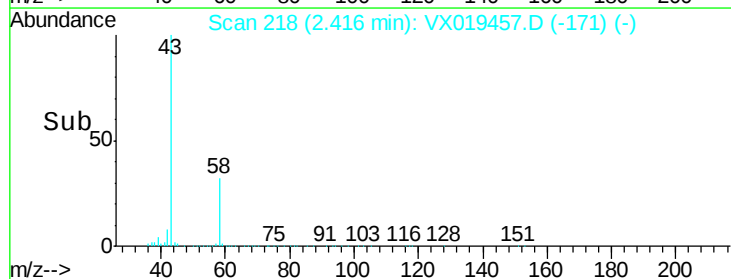
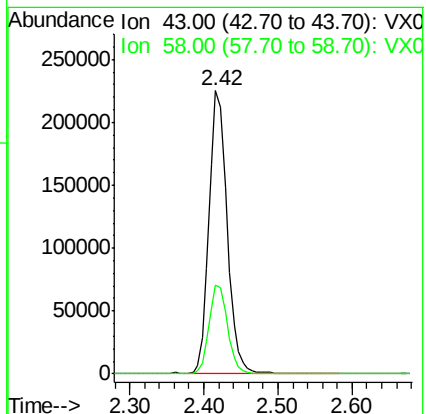
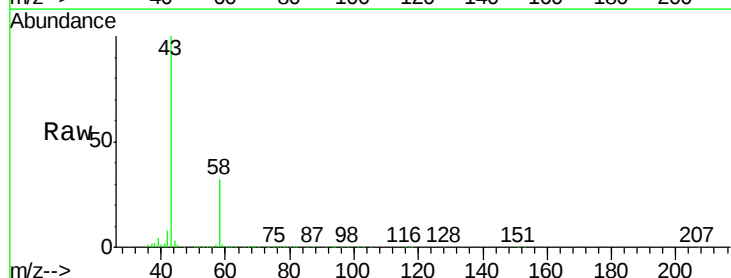
Acq: 18 Nov 2020 17:33

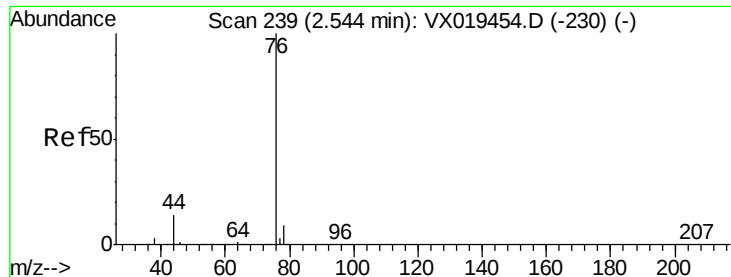
Tgt Ion: 43 Resp: 376636

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0





#17

Carbon Disulfide

Concen: 49.559 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

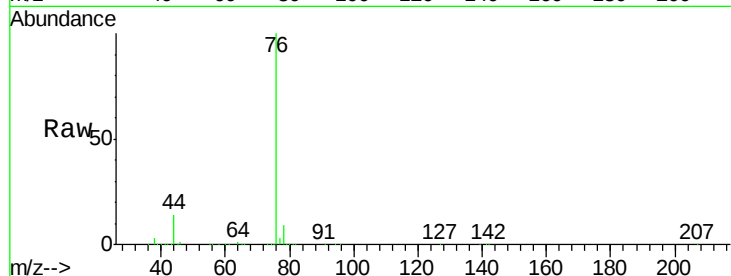
ICVVX111920

Tot Ion: 76 Resp: 348208

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

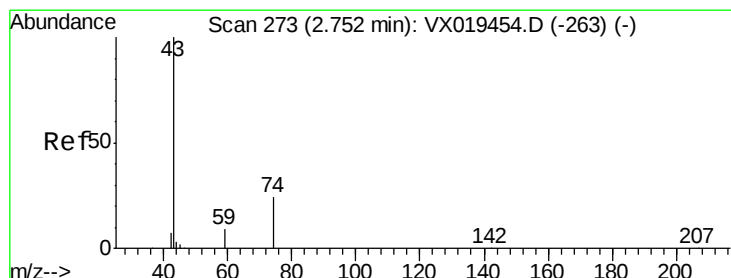
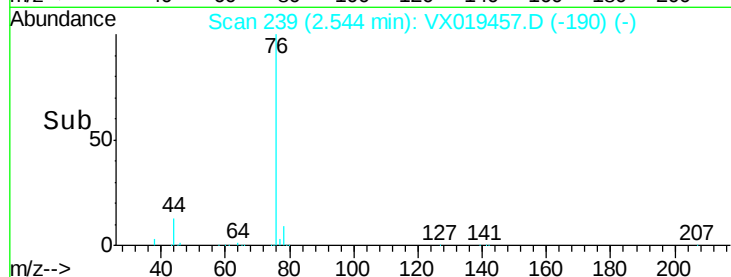
0

Time-->

2.54

2.60

2.70



#18

Methyl Acetate

Concen: 49.584 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019457.D

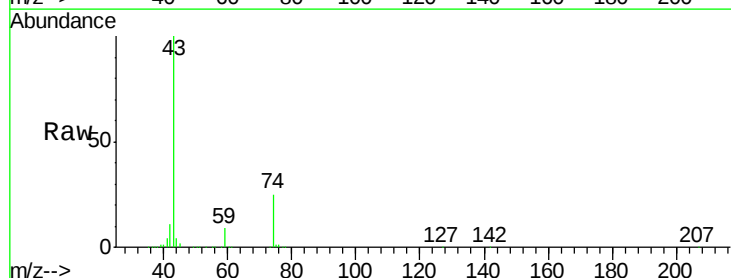
Acq: 18 Nov 2020 17:33

Tgt Ion: 43 Resp: 177490

Ion Ratio Lower Upper

43 100

74 25.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

0

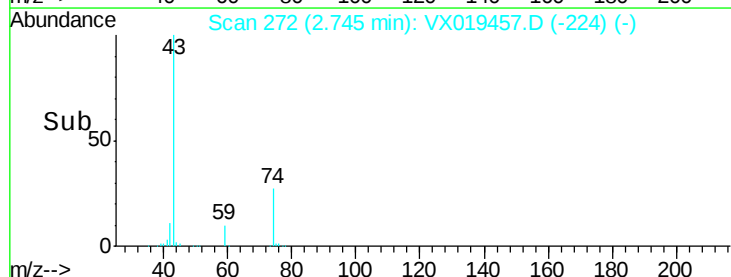
Time-->

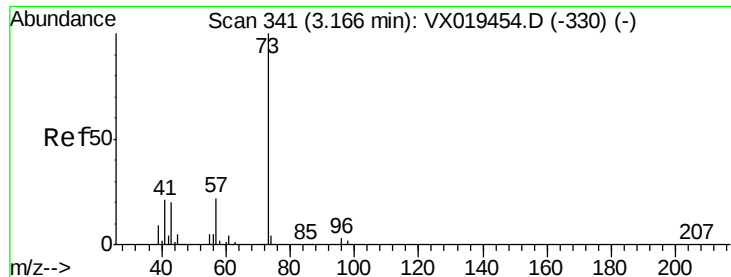
2.60

2.70

2.80

2.90

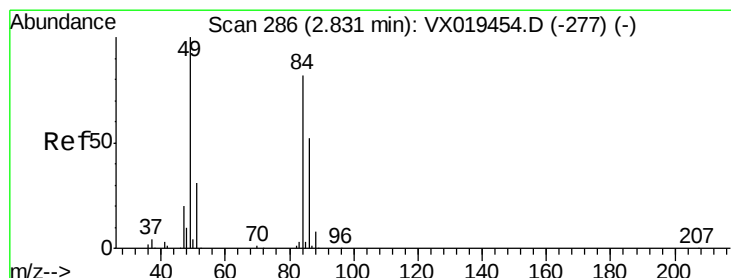
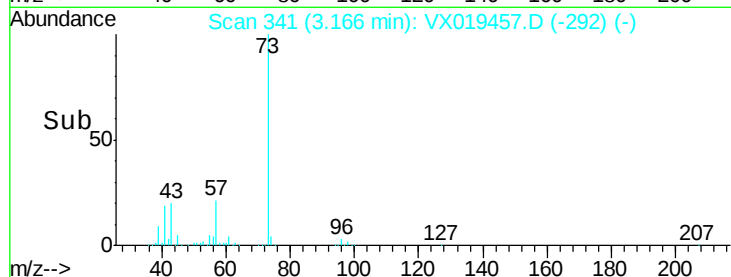
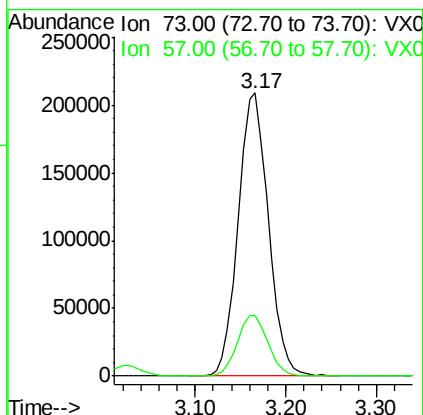
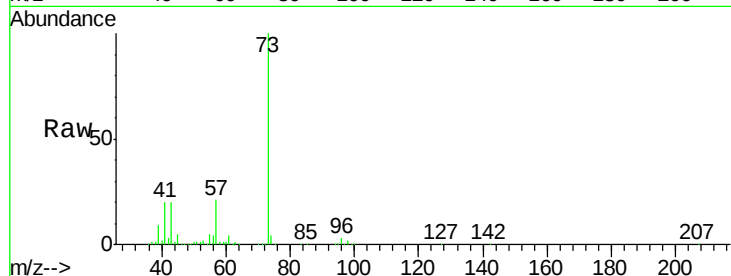




#19
Methvl tert-butvl Ether
Concen: 51.774 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

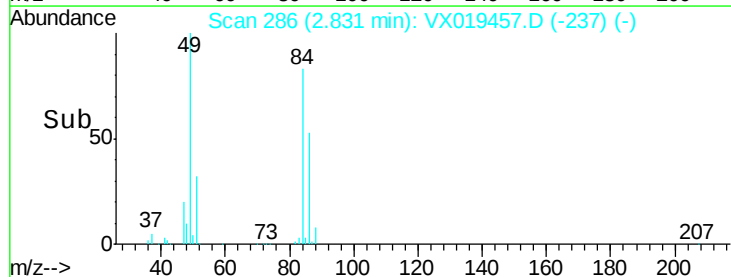
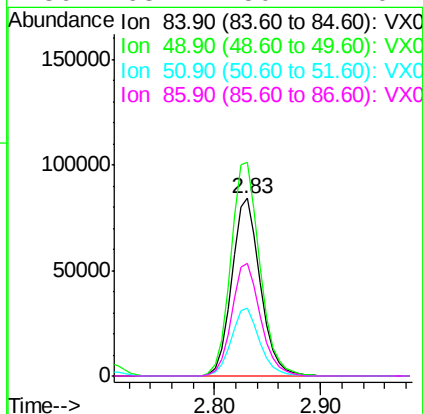
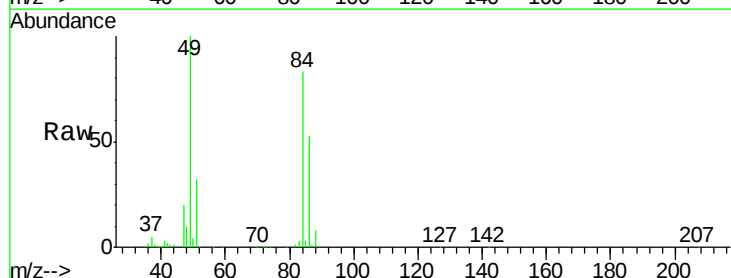
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

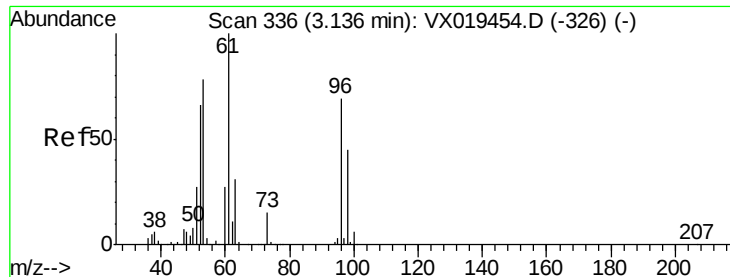
Tot Ion: 73 Resp: 484331
Ion Ratio Lower Upper
73 100
57 21.4 17.5 26.3



#20
Methylene Chloride
Concen: 48.071 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 84 Resp: 158371
Ion Ratio Lower Upper
84 100
49 120.5 97.6 146.4
51 38.1 30.6 45.8
86 63.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.493 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

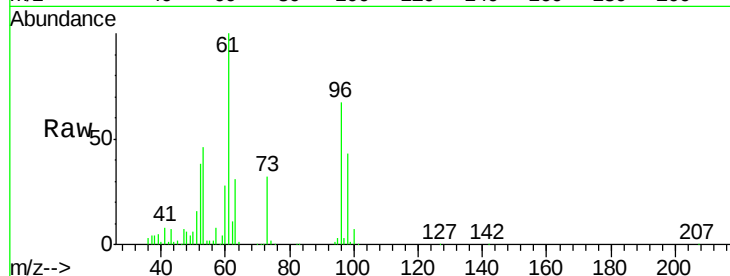
Tot Ion: 96 Resp: 138885

Ion Ratio Lower Upper

96 100

61 148.2 116.0 174.0

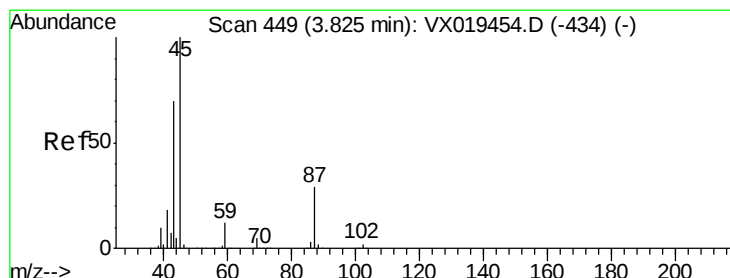
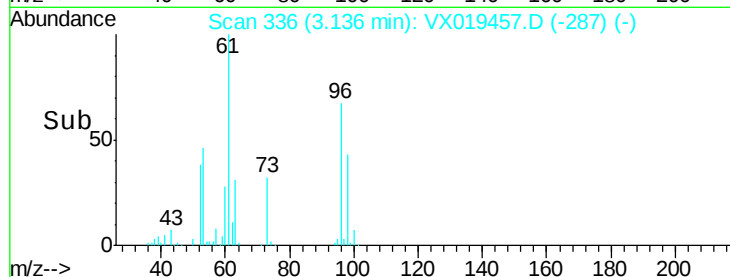
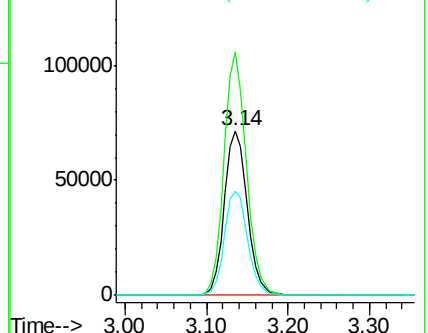
98 63.7 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.706 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion: 45 Resp: 469240

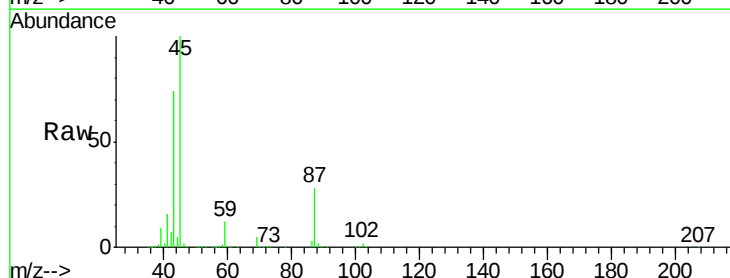
Ion Ratio Lower Upper

45 100

43 73.8 56.6 84.8

87 27.6 22.9 34.3

59 11.5 9.6 14.4

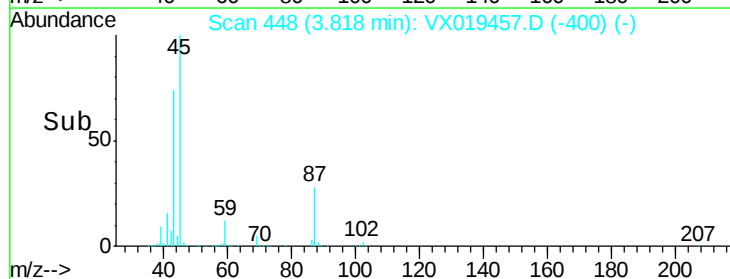
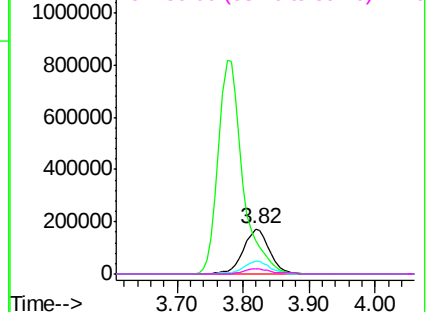


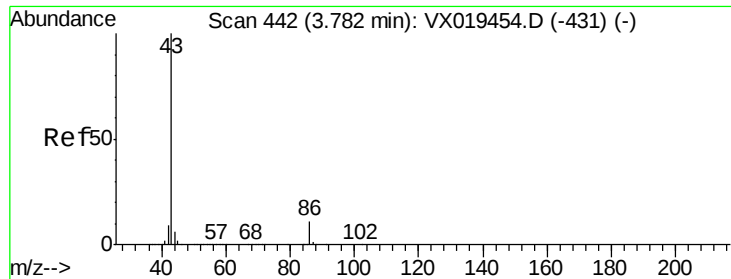
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.925 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

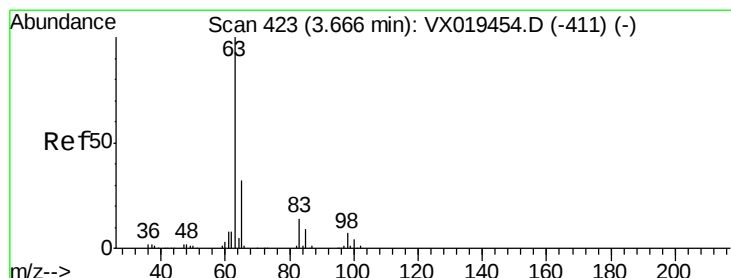
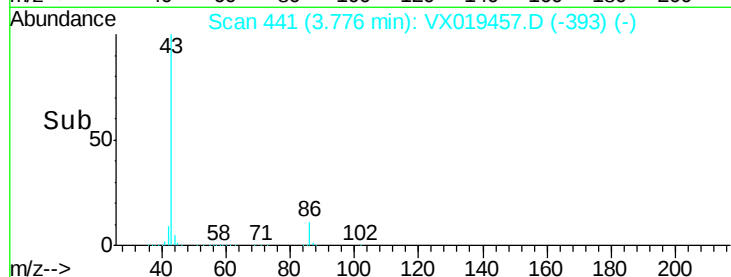
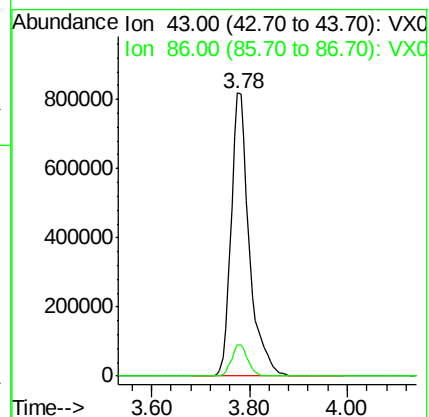
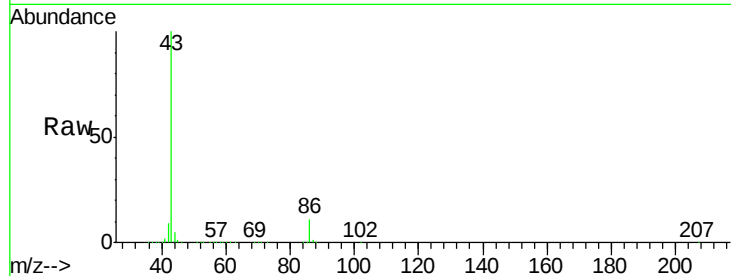
ICVVX111920

Tot Ion: 43 Resp: 2103756

Ion Ratio Lower Upper

43 100

86 11.1 8.8 13.2



#24

1,1-Dichloroethane

Concen: 48.354 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

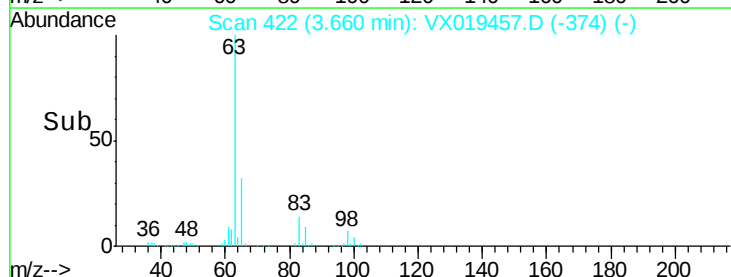
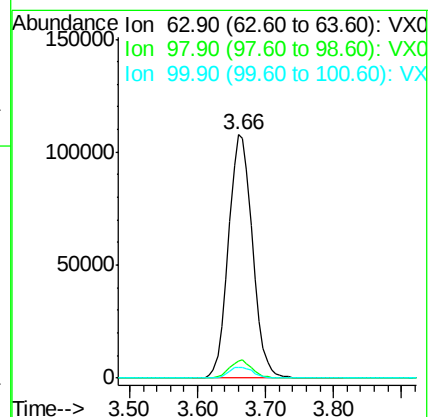
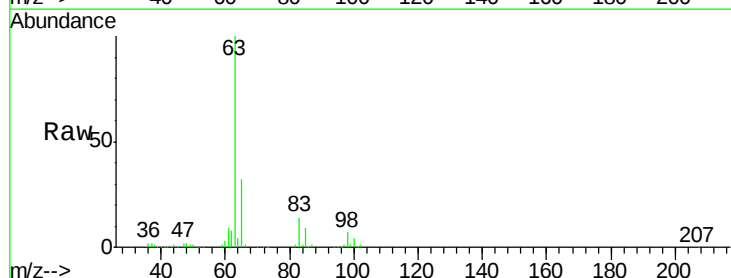
Tgt Ion: 63 Resp: 262609

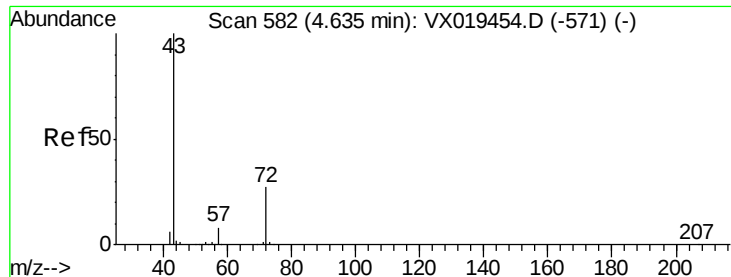
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 268.818 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

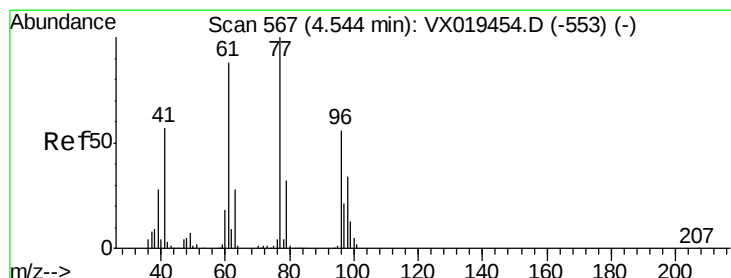
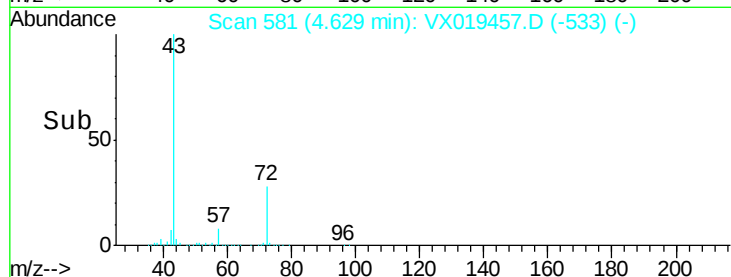
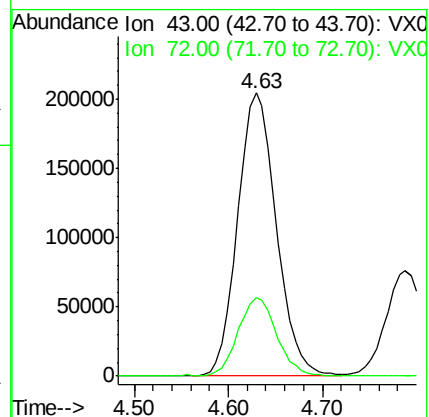
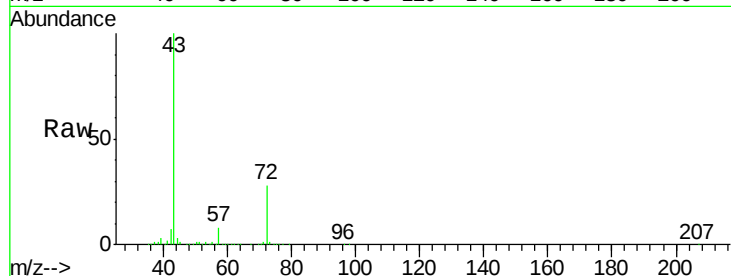
ICVVX111920

Tot Ion: 43 Resp: 583589

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 49.572 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019457.D

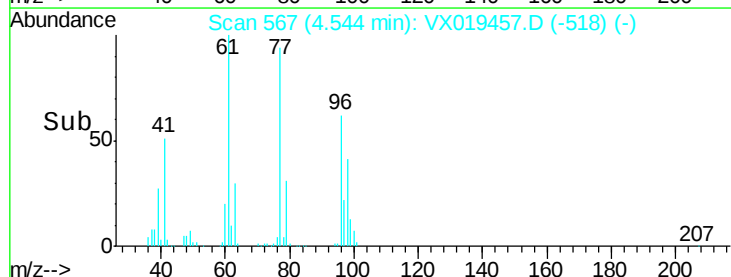
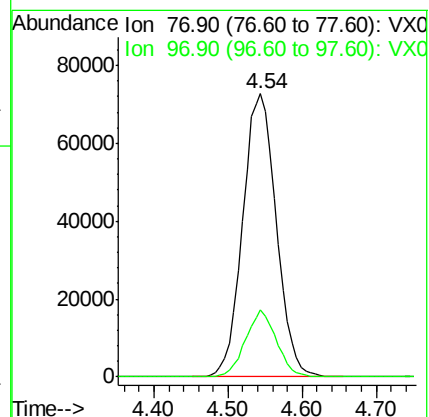
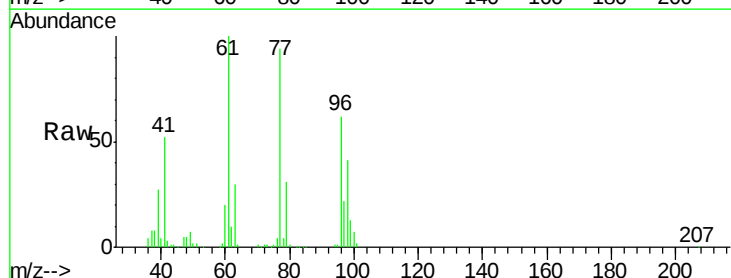
Acq: 18 Nov 2020 17:33

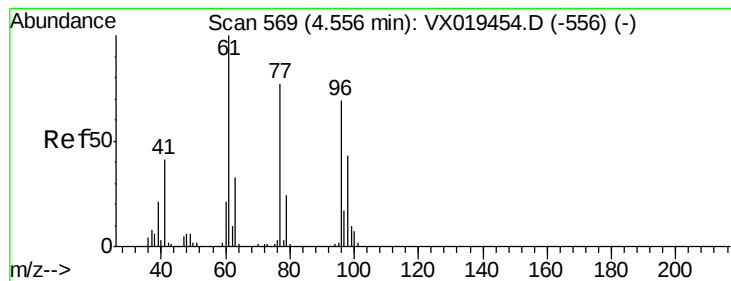
Tgt Ion: 77 Resp: 229924

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.679 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

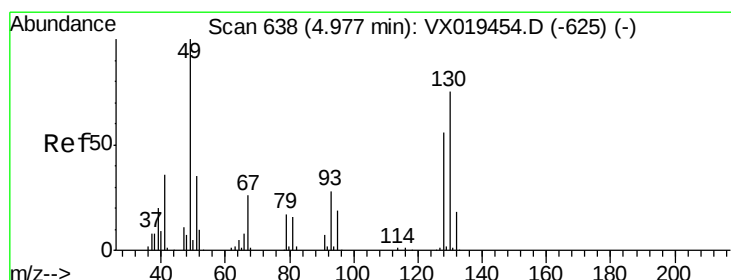
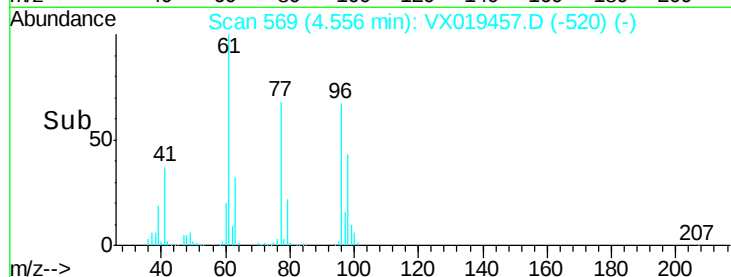
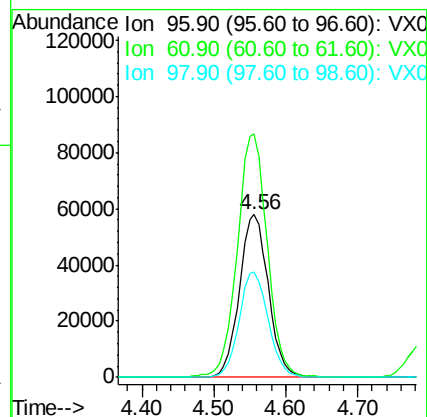
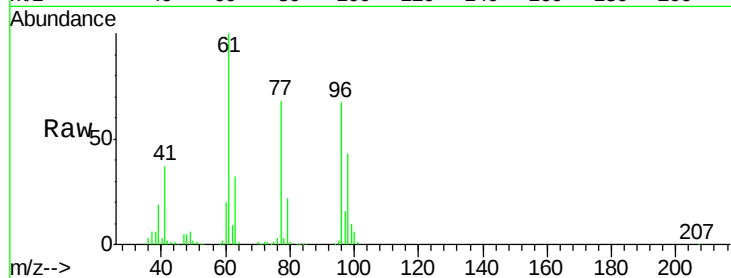
Tot Ion: 96 Resp: 161666

Ion Ratio Lower Upper

96 100

61 154.9 0.0 307.8

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 47.571 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

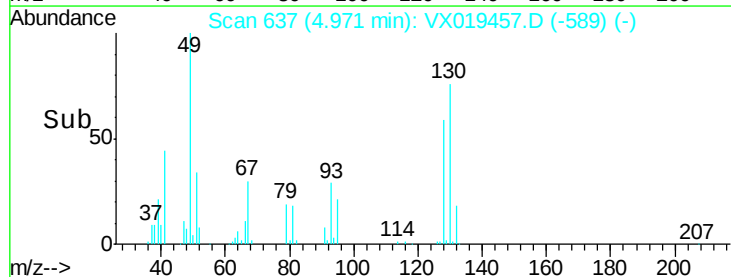
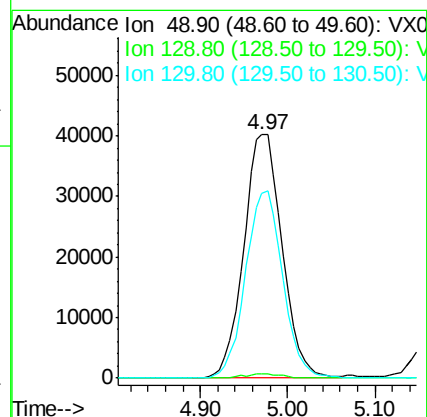
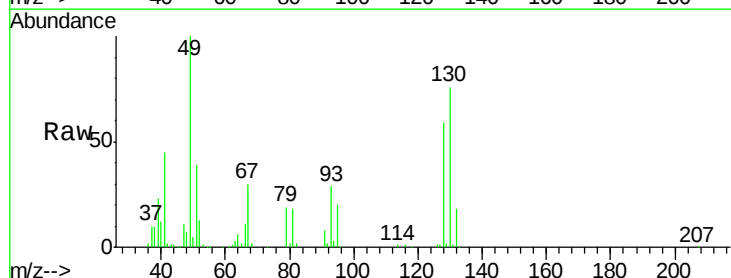
Tgt Ion: 49 Resp: 122745

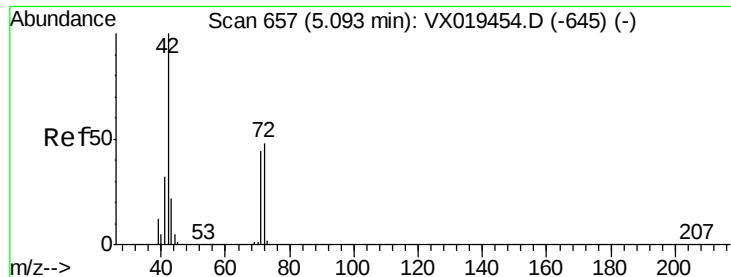
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.5 59.2 88.8





#29

Tetrahydrofuran

Concen: 263.234 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

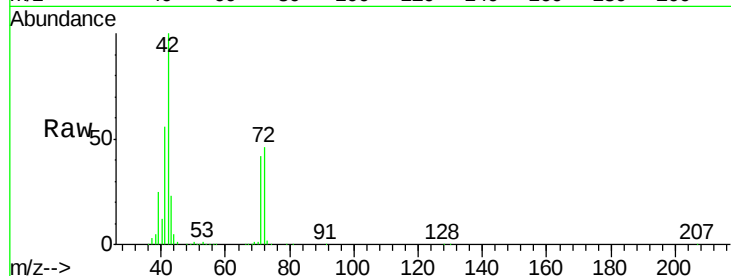
Tot Ion: 42 Resp: 368390

Ion Ratio Lower Upper

42 100

72 47.4 38.1 57.1

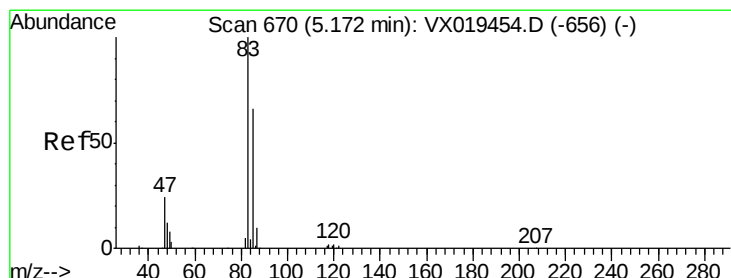
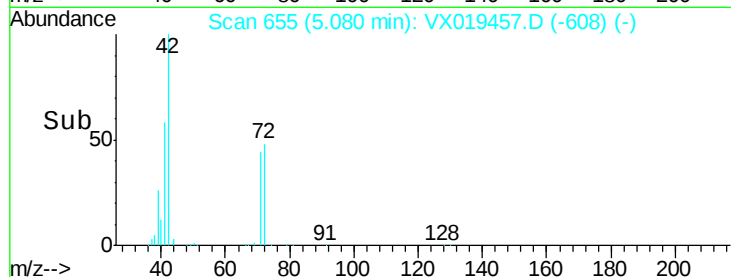
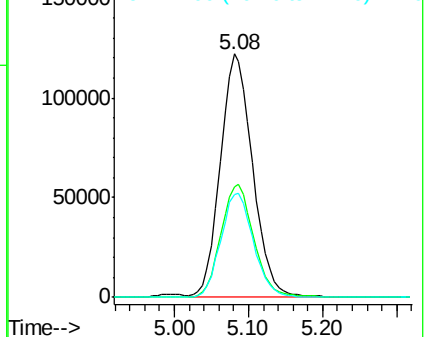
71 43.4 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.791 ug/l

RT: 5.17 min Scan# 669

Delta R.T. -0.01 min

Lab File: VX019457.D

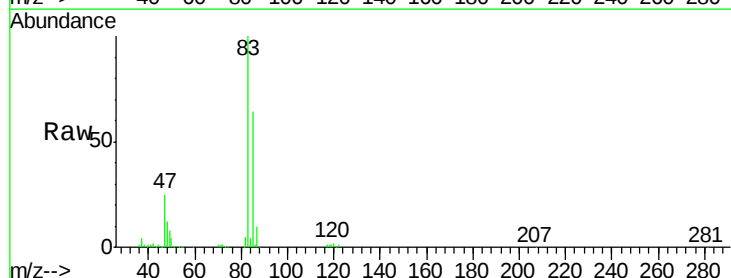
Acq: 18 Nov 2020 17:33

Tgt Ion: 83 Resp: 270235

Ion Ratio Lower Upper

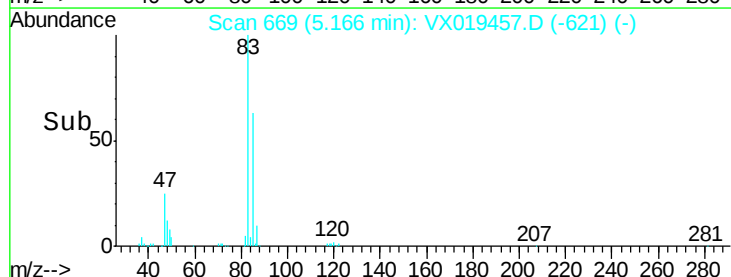
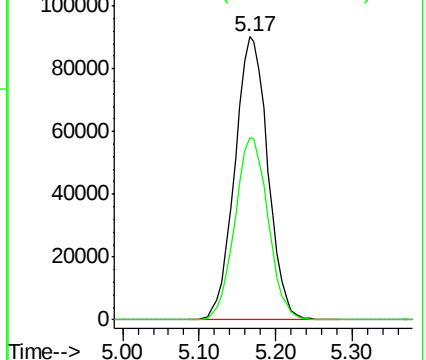
83 100

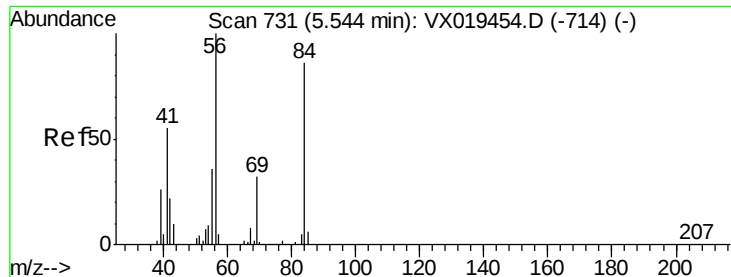
85 64.2 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

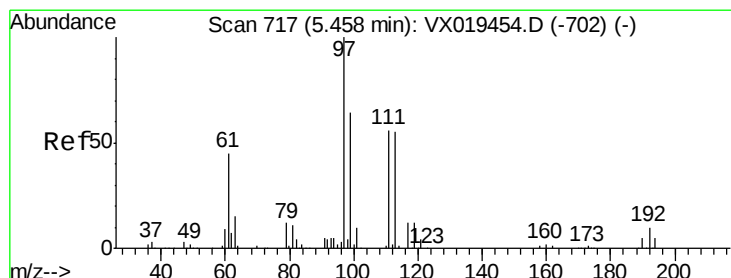
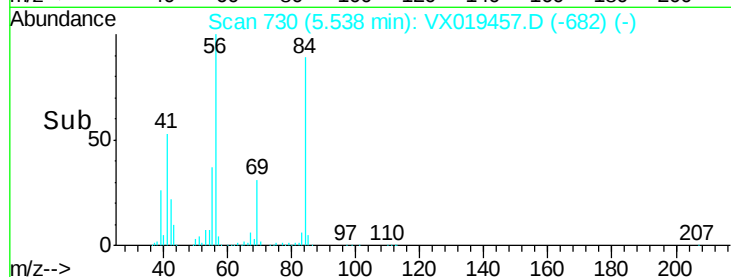
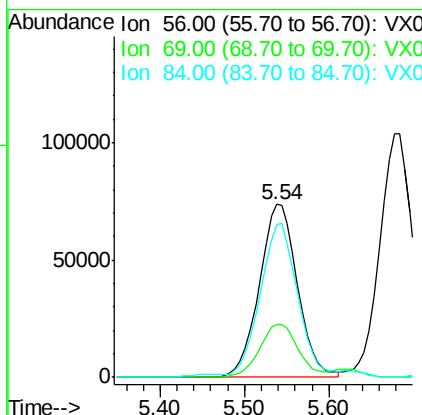
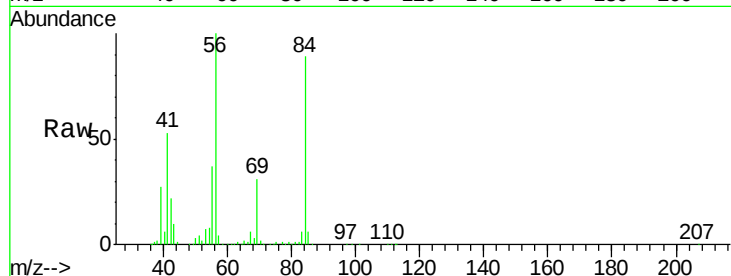




#31
Cvclohexane
Concen: 48.428 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

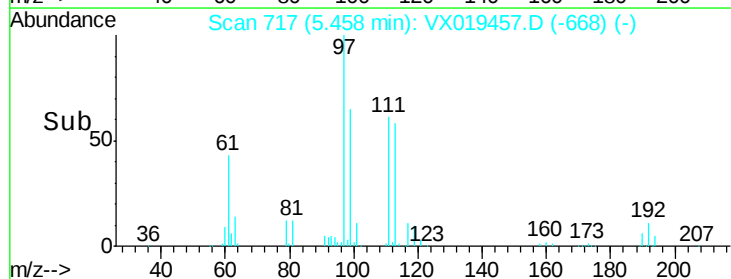
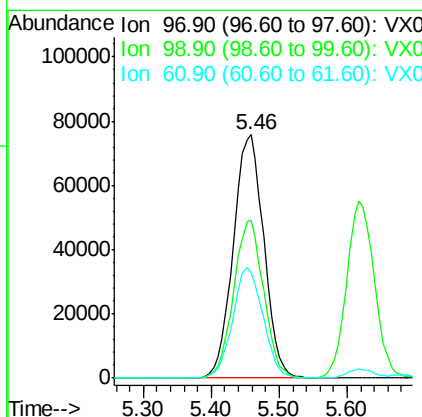
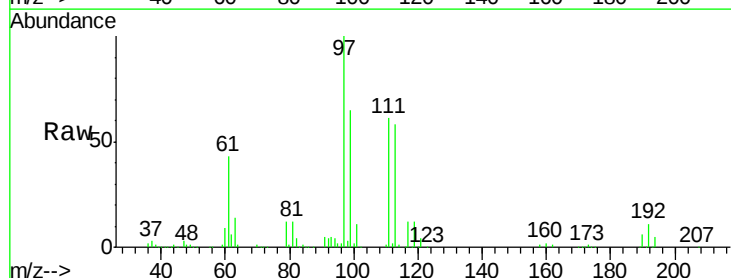
Instrument :
MSVOA_X
ClientSampled :
ICVVX111920

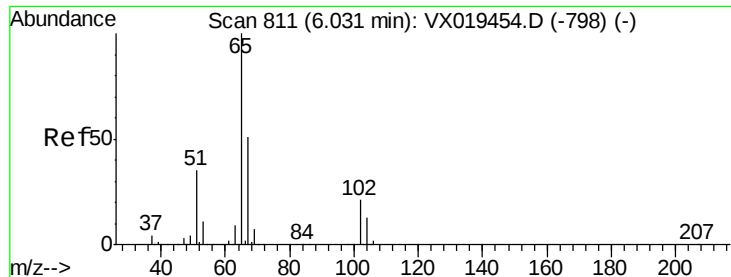
Tot Ion: 56 Resp: 228845
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 87.6 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 48.787 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 97 Resp: 235785
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 44.9 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 46.030 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

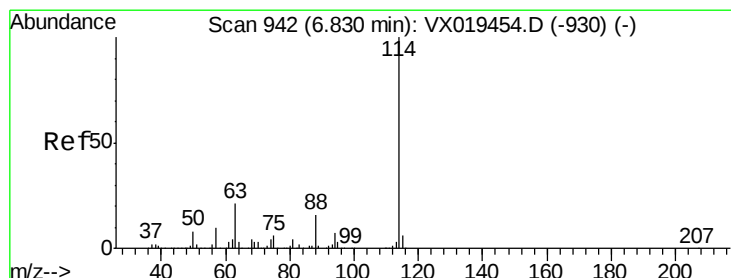
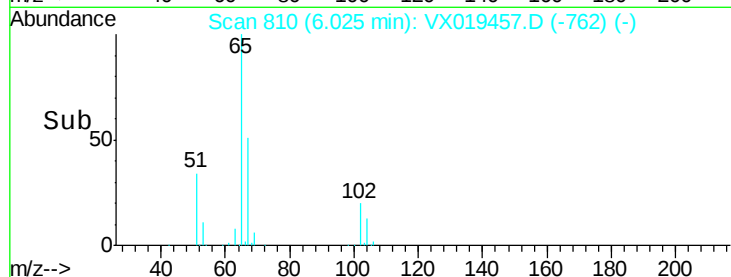
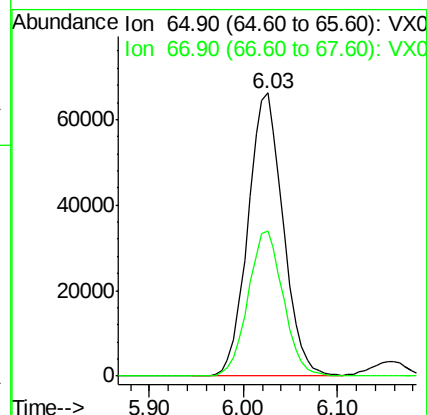
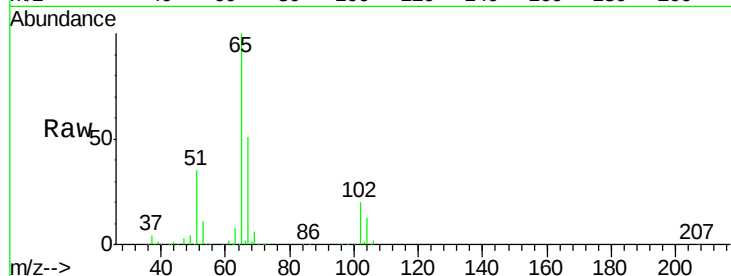
ICVVX111920

Tot Ion: 65 Resp: 173180

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

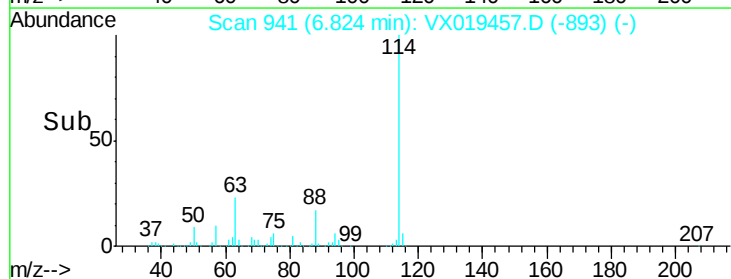
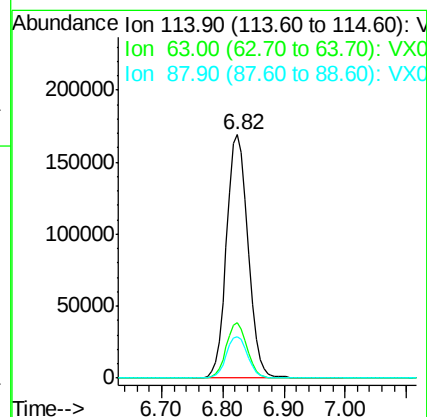
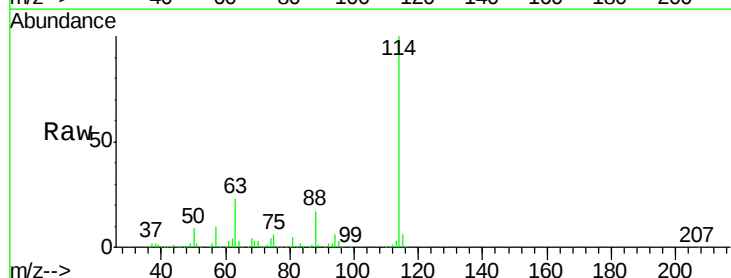
Tgt Ion: 114 Resp: 411119

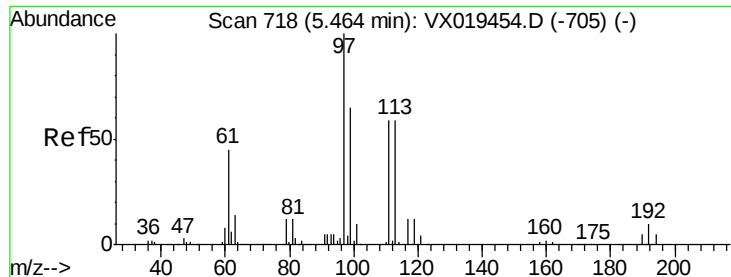
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.0

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.521 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

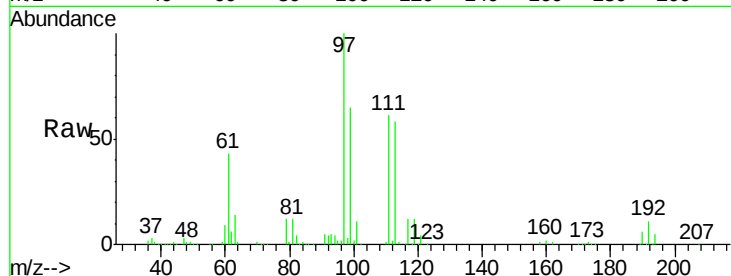
Tot Ion:113 Resp: 125849

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

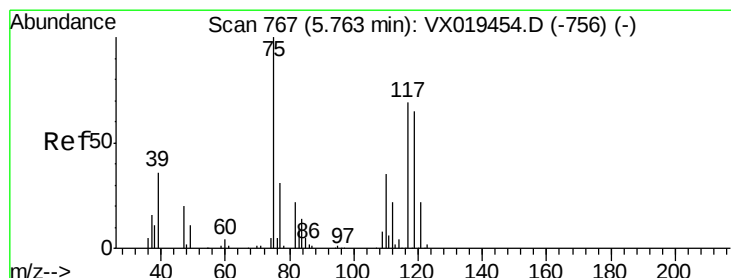
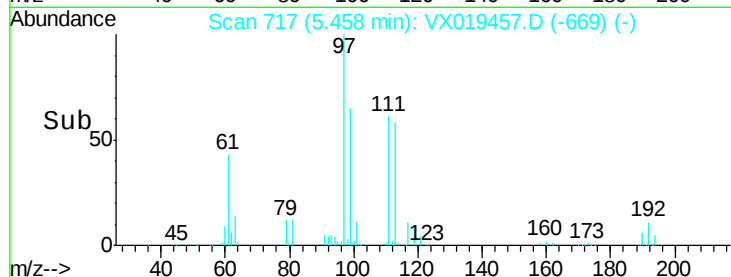
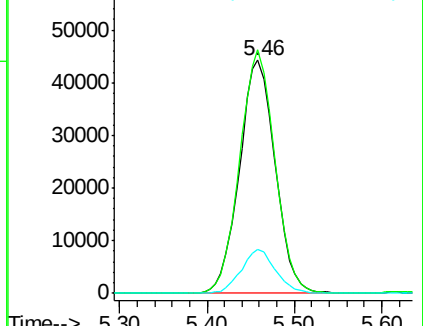
192 18.1 14.2 21.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.723 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

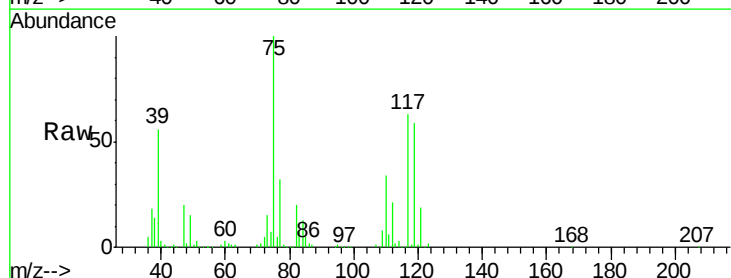
Tgt Ion: 75 Resp: 200787

Ion Ratio Lower Upper

75 100

110 33.6 17.0 50.9

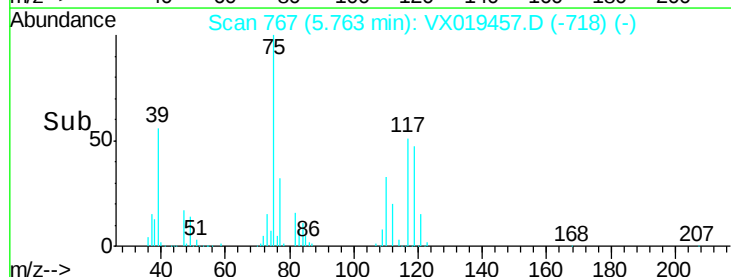
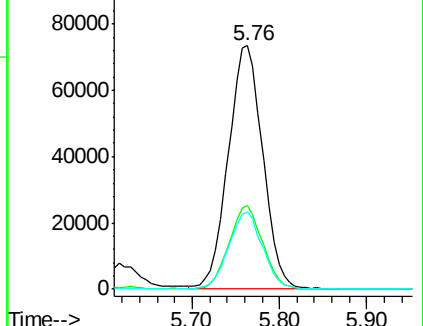
77 31.0 24.7 37.1

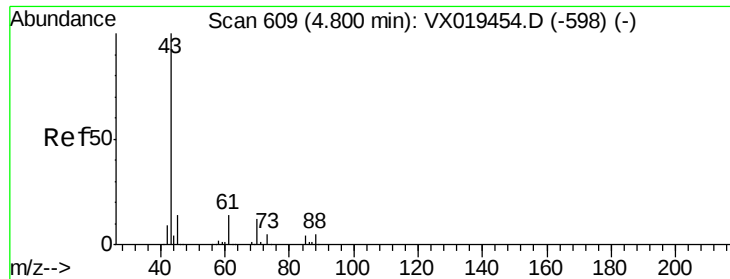


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

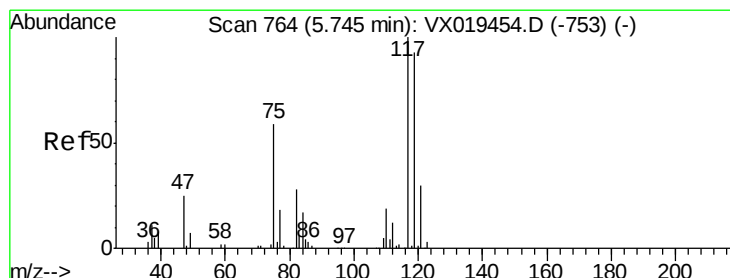
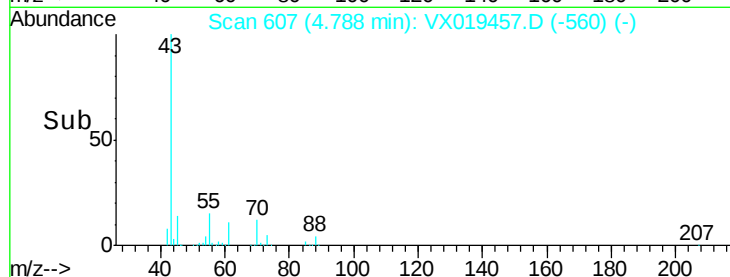
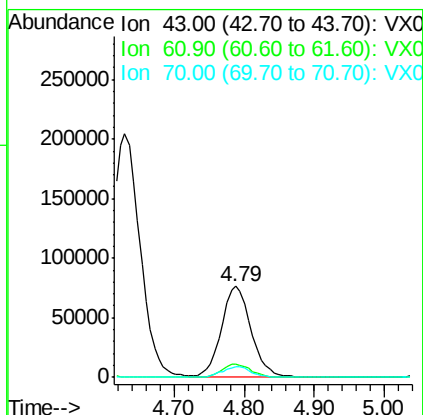
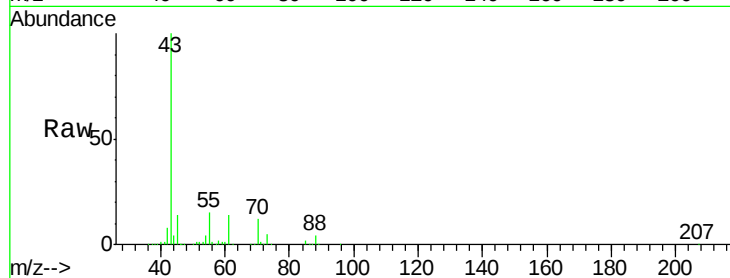




#37
Ethyl Acetate
Concen: 53.097 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

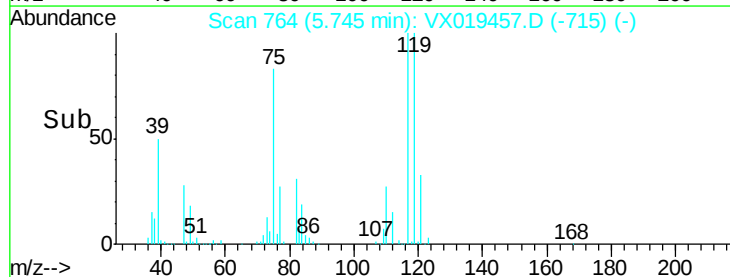
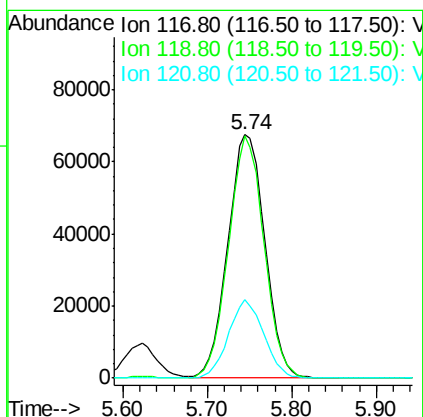
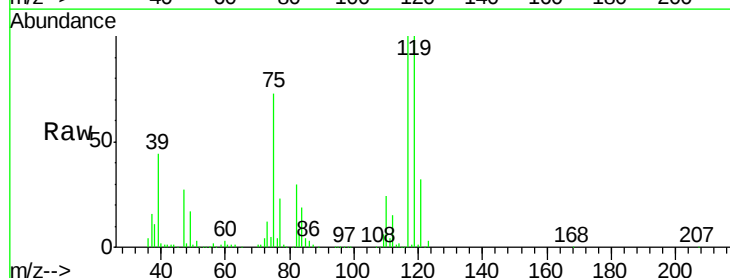
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

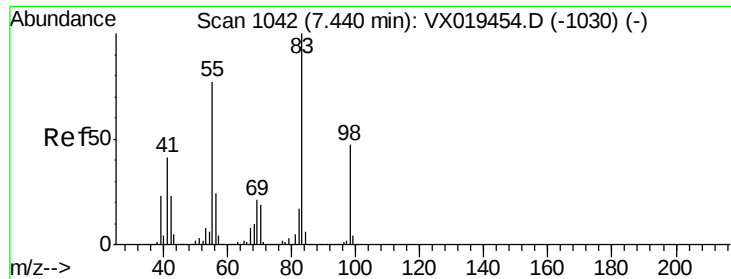
Tot Ion: 43 Resp: 225103
Ion Ratio Lower Upper
43 100
61 14.6 11.6 17.4
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 49.327 ug/l
RT: 5.74 min Scan# 764
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 117 Resp: 200507
Ion Ratio Lower Upper
117 100
119 99.6 74.1 111.1
121 32.4 23.6 35.4

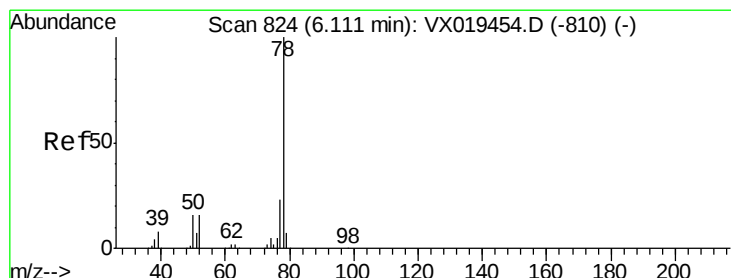
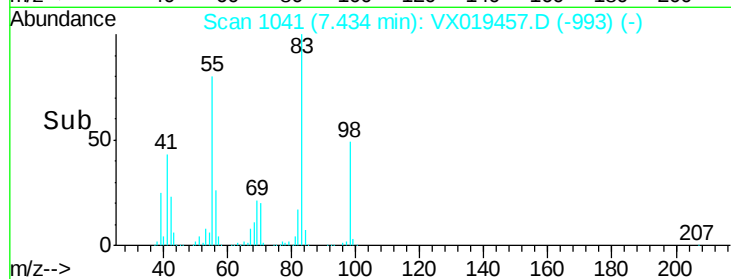
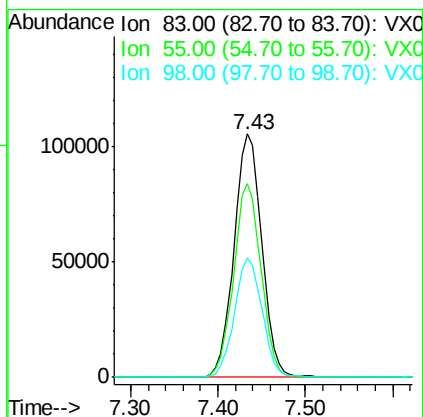
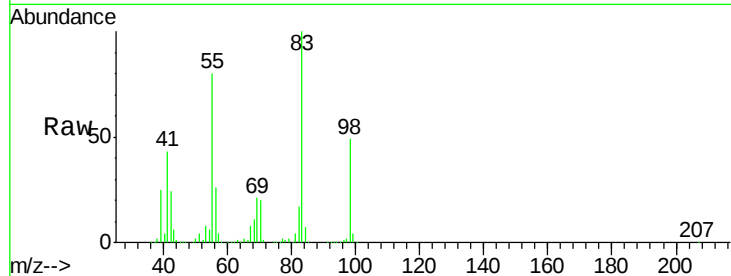




#39
Methvlcvclohexane
Concen: 50.569 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

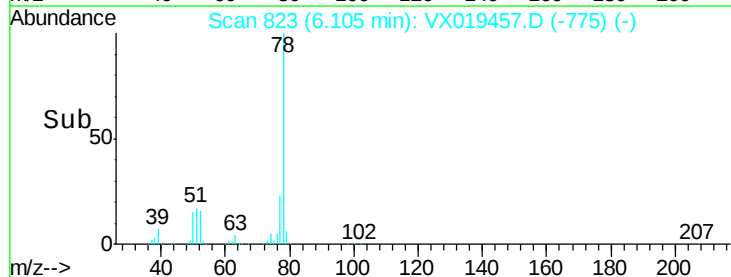
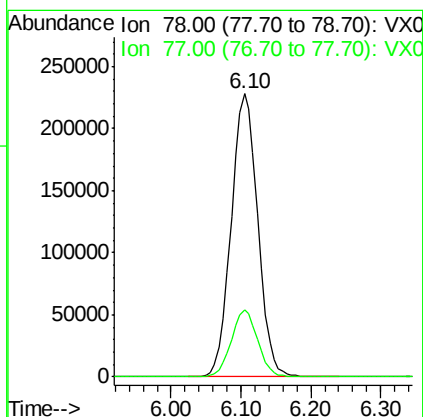
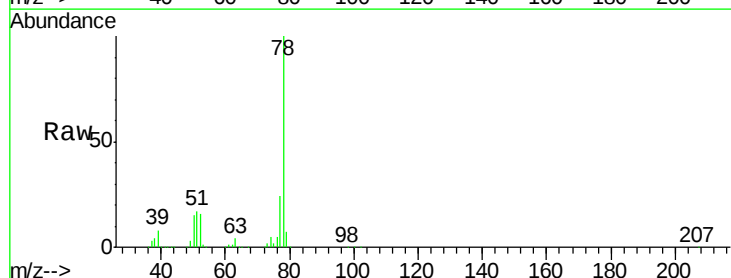
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

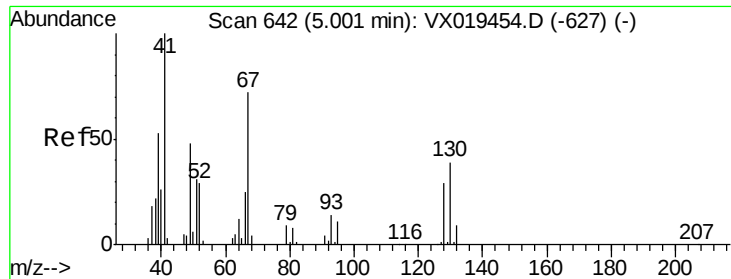
Tot Ion: 83 Resp: 234319
Ion Ratio Lower Upper
83 100
55 79.8 61.4 92.0
98 49.1 37.6 56.4



#40
Benzene
Concen: 49.059 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 78 Resp: 602371
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

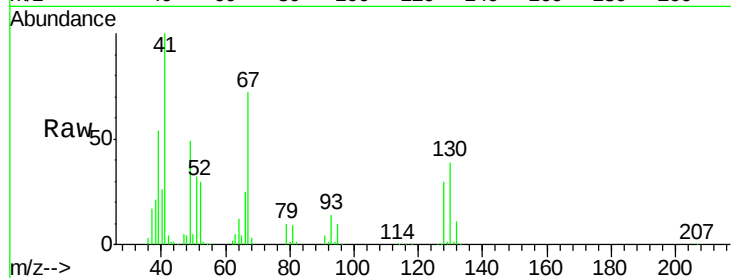




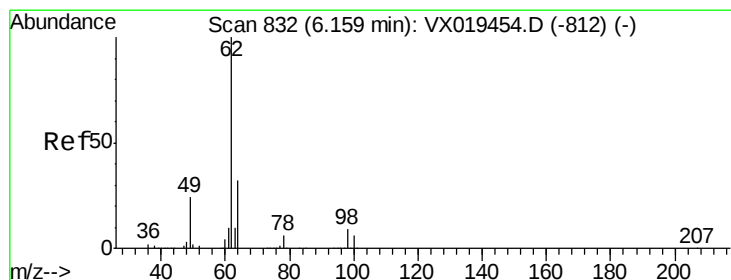
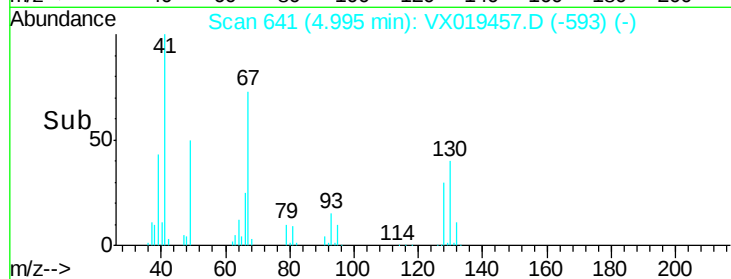
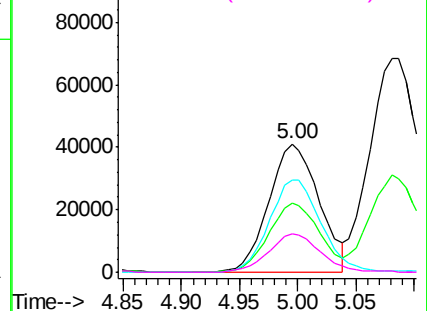
#41
Methacrylonitrile
Concen: 52.742 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion:	41	Resp:	122457
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.6	67.0
67	74.5	60.6	91.0
52	30.9	25.1	37.7

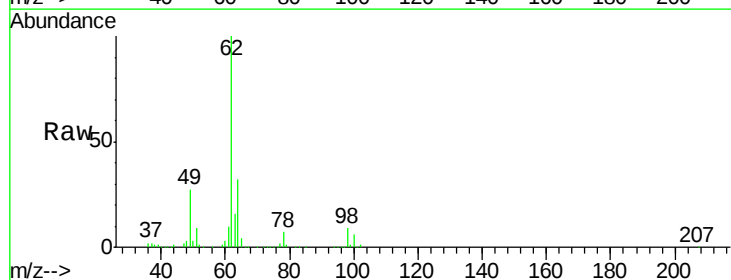


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

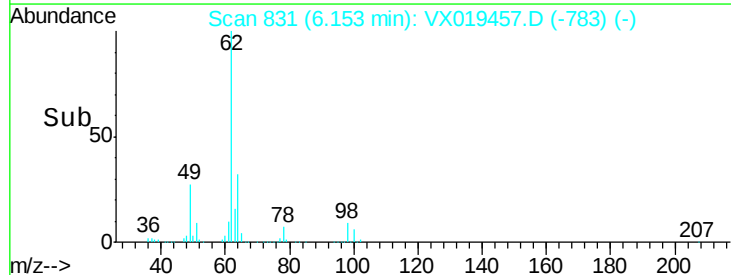
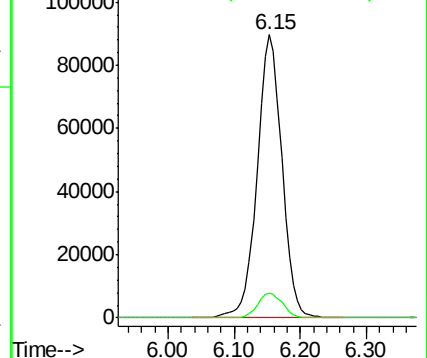


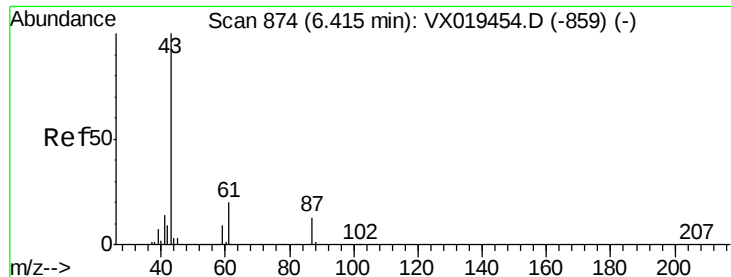
#42
1,2-Dichloroethane
Concen: 50.203 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion:	62	Resp:	234229
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



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



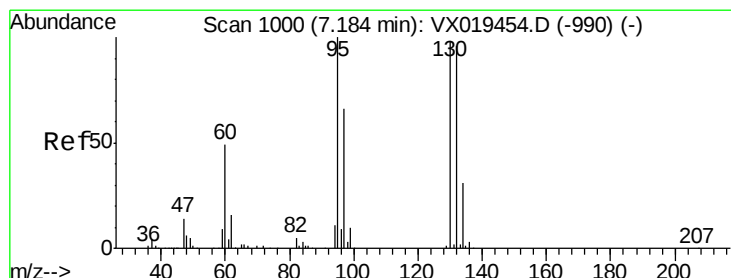
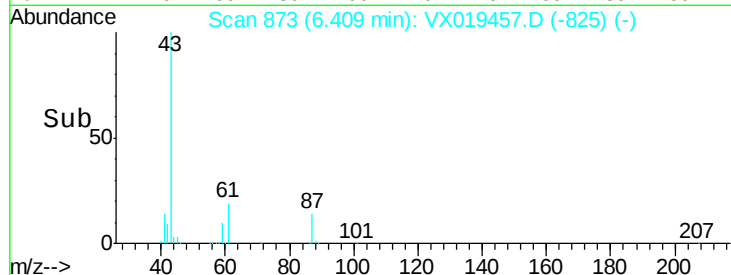
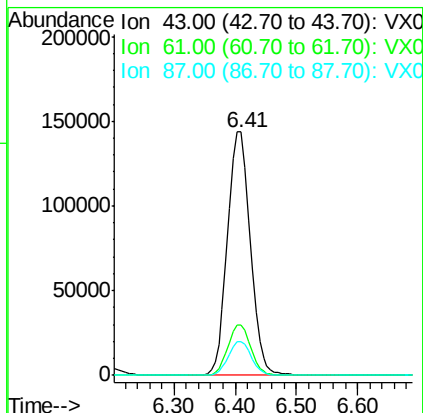
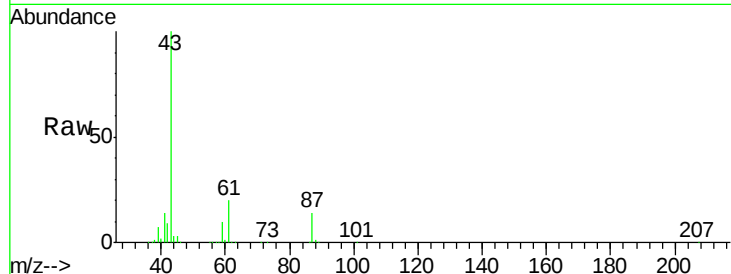


#43

Isopropyl Acetate
 Concen: 52.513 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

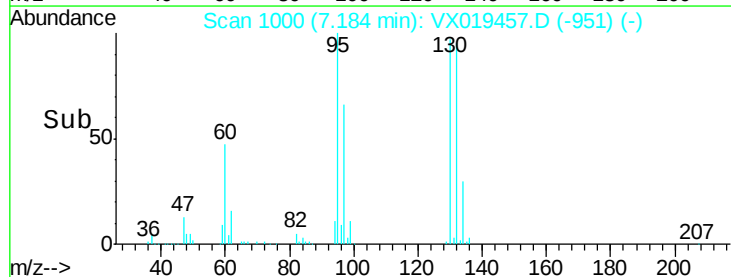
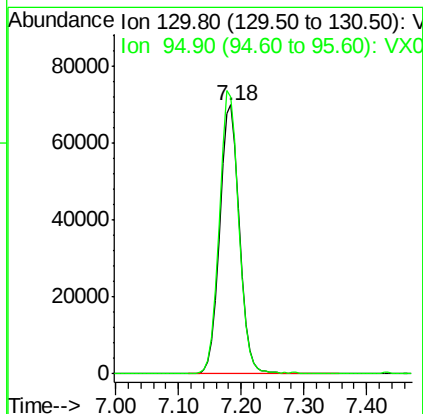
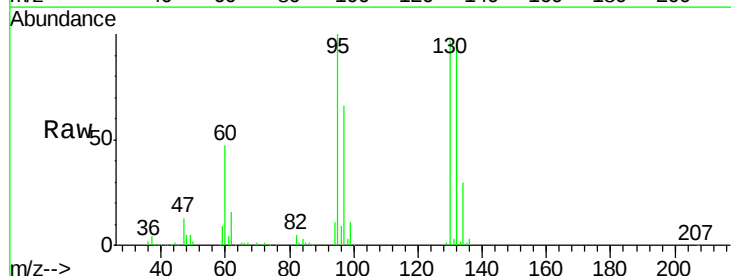
Tot Ion	43	Resp	368964
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.2	24.4
87	13.8	10.7	16.1

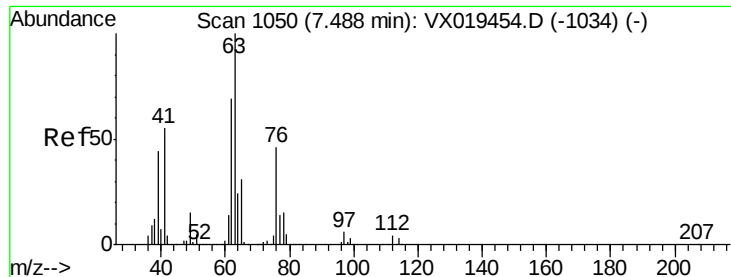


#44

Trichloroethene
 Concen: 49.105 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	130	Resp	152010
Ion Ratio	Lower	Upper	
130	100		
95	103.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.370 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

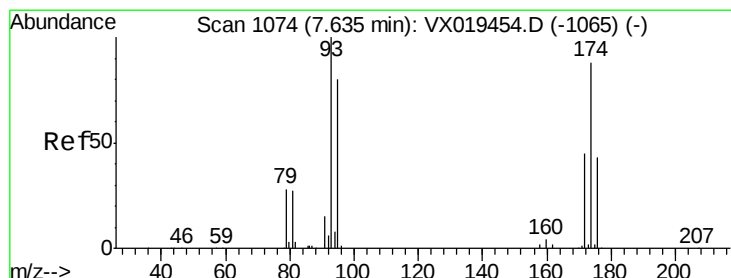
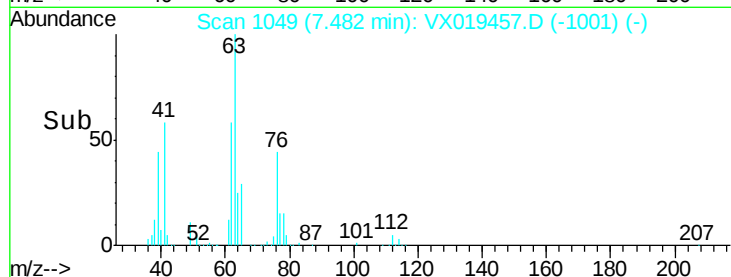
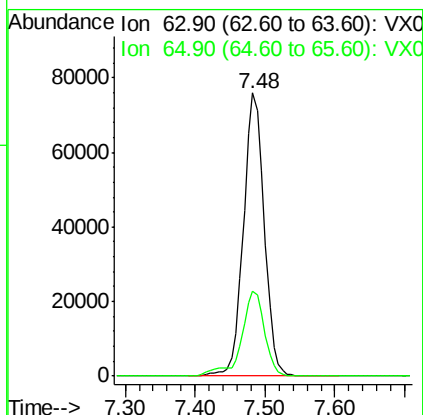
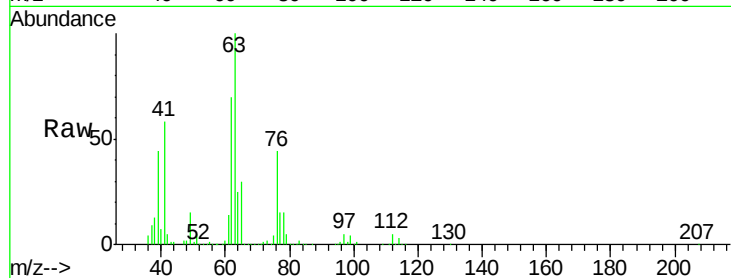
ICVVX111920

Tot Ion: 63 Resp: 157184

Ion Ratio Lower Upper

63 100

65 30.0 24.6 37.0



#46

Dibromomethane

Concen: 51.319 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

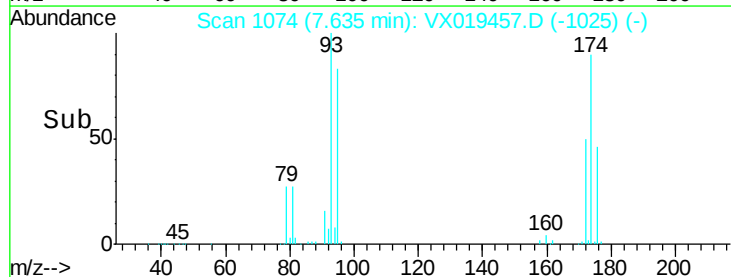
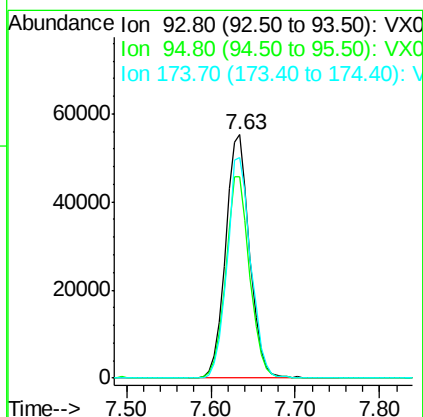
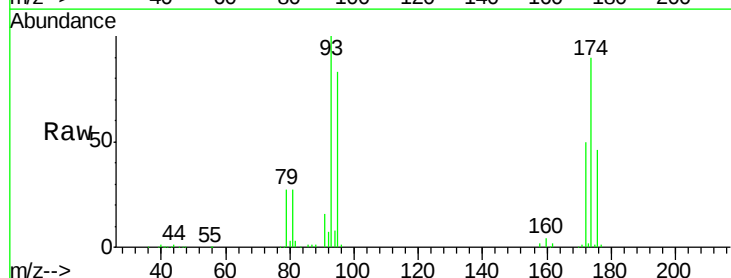
Tgt Ion: 93 Resp: 107318

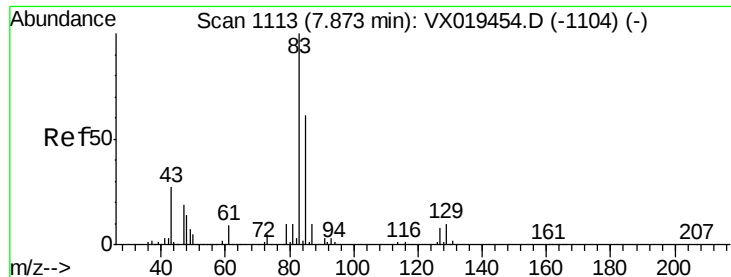
Ion Ratio Lower Upper

93 100

95 82.5 65.4 98.2

174 89.6 72.2 108.4





#47

Bromodichloromethane

Concen: 52.435 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

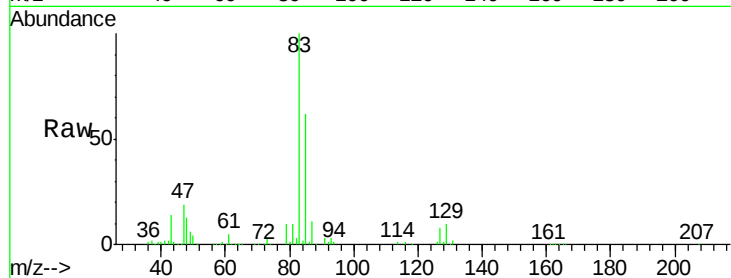
Tot Ion: 83 Resp: 216916

Ion Ratio Lower Upper

83 100

85 62.4 49.0 73.4

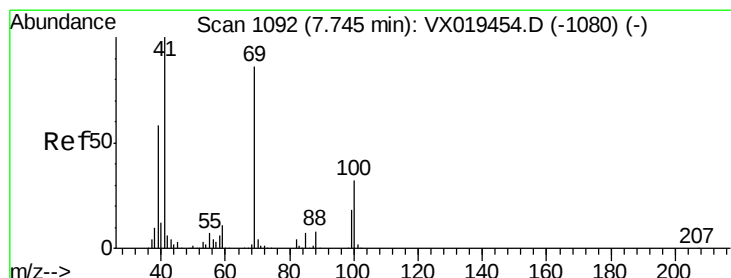
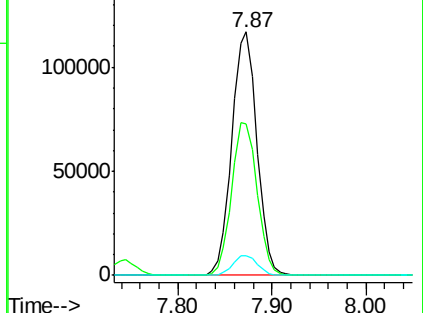
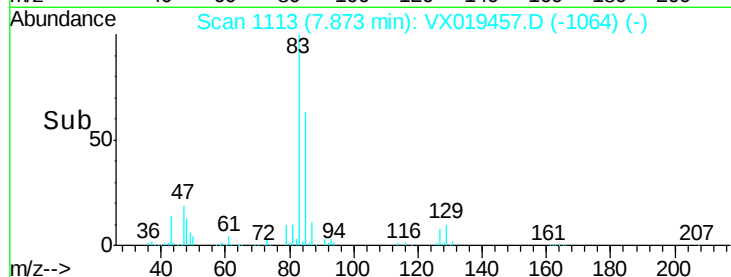
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.660 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

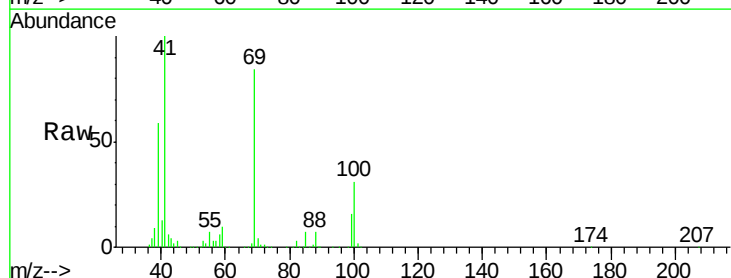
Tgt Ion: 41 Resp: 185525

Ion Ratio Lower Upper

41 100

69 85.3 68.4 102.6

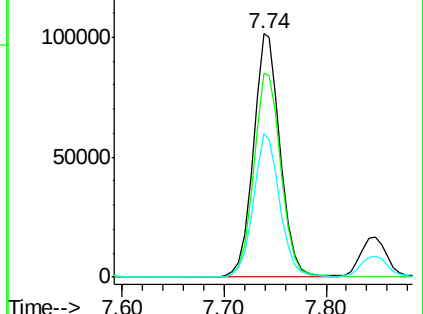
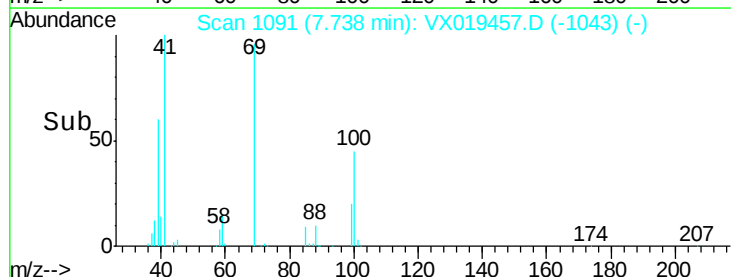
39 57.9 46.6 70.0

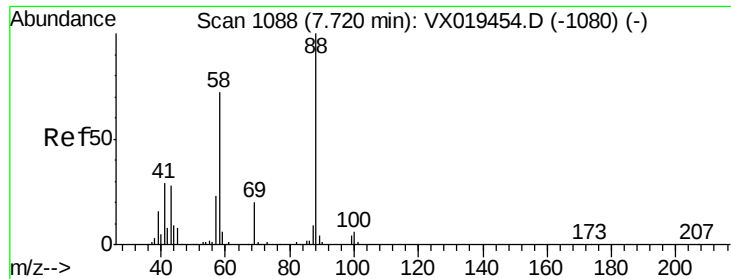


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

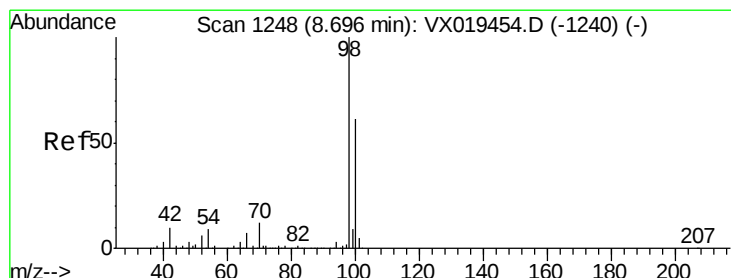
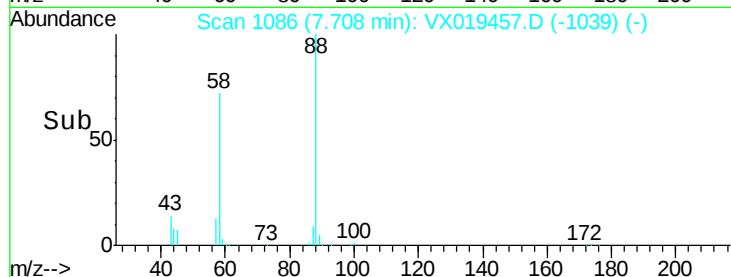
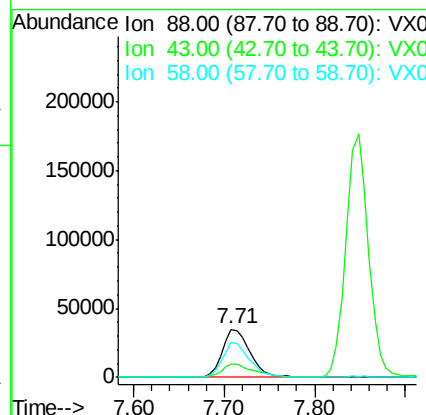
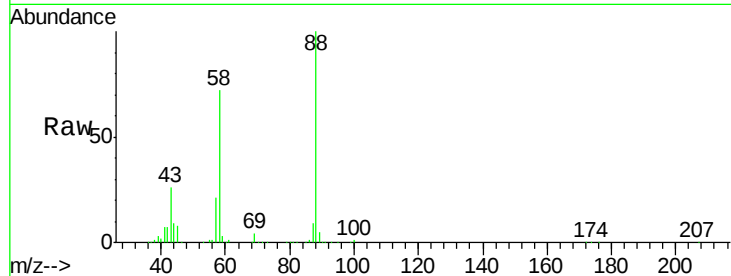




#49
1,4-Dioxane
Concen: 1104.064 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

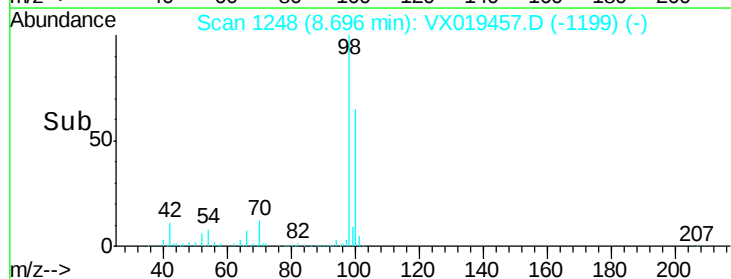
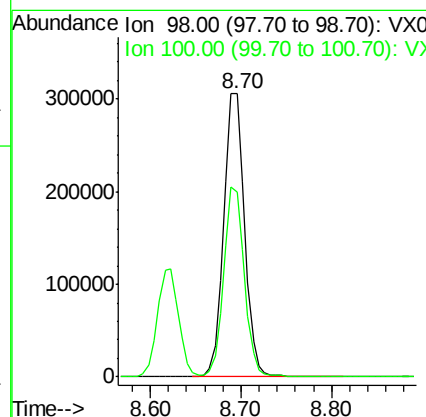
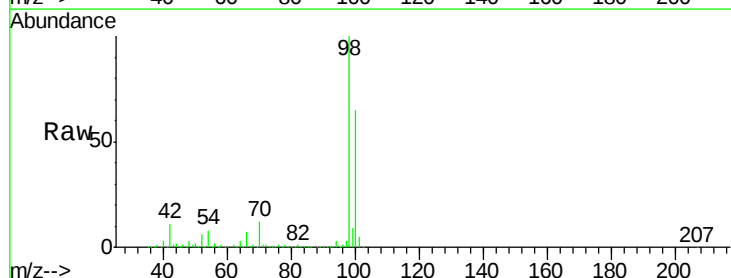
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

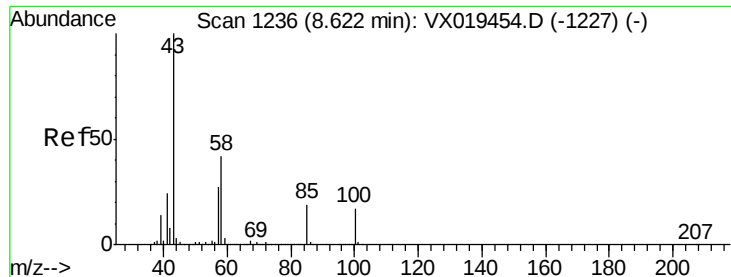
Tot Ion: 88 Resp: 73871
Ion Ratio Lower Upper
88 100
43 32.1 25.9 38.9
58 72.3 56.6 84.8



#50
Toluene-d8
Concen: 46.798 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 98 Resp: 491959
Ion Ratio Lower Upper
98 100
100 66.3 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 271.978 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

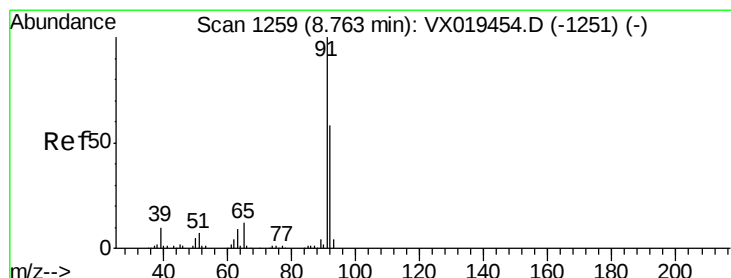
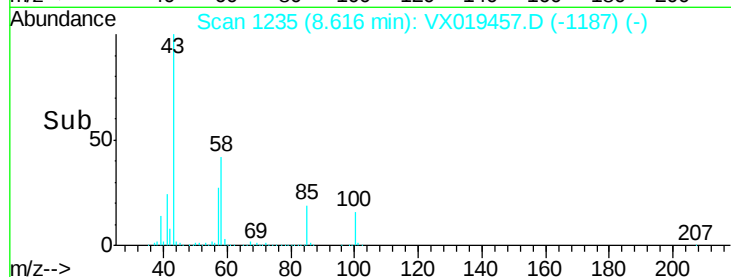
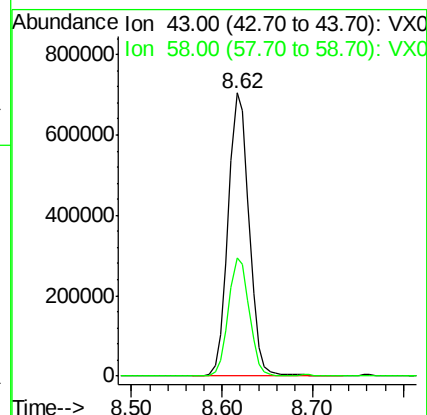
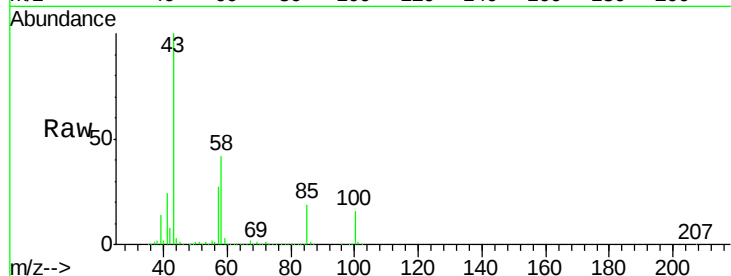
ICVVX111920

Tot Ion: 43 Resp: 1134437

Ion Ratio Lower Upper

43 100

58 41.5 33.0 49.4



#52

Toluene

Concen: 51.468 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019457.D

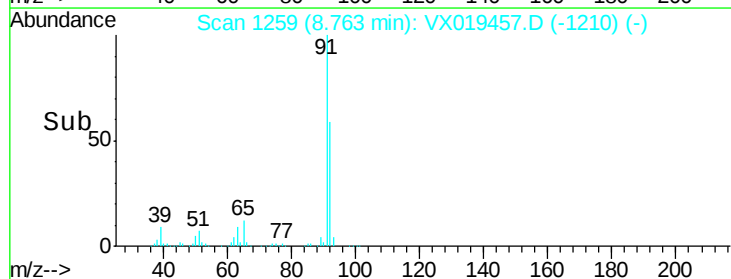
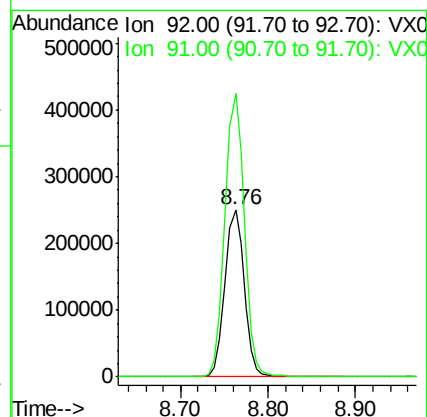
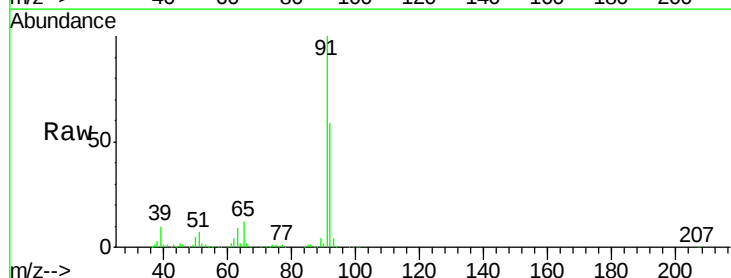
Acq: 18 Nov 2020 17:33

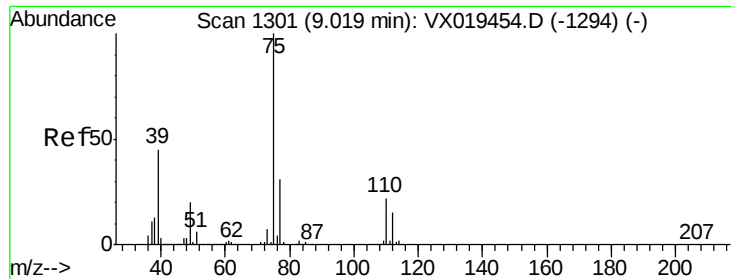
Tgt Ion: 92 Resp: 383609

Ion Ratio Lower Upper

92 100

91 170.1 136.3 204.5

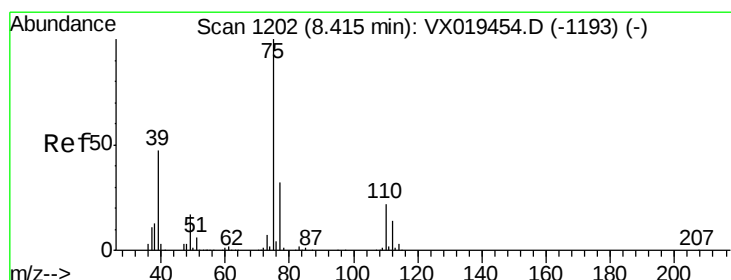
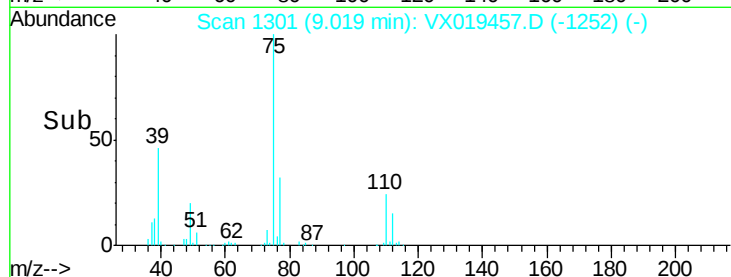
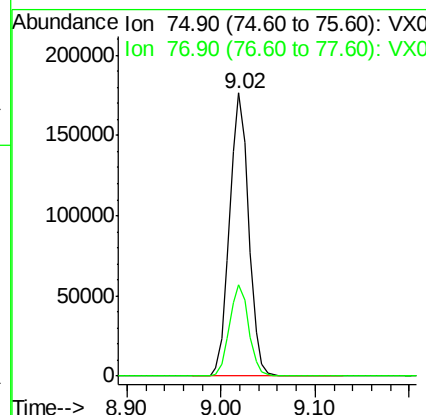
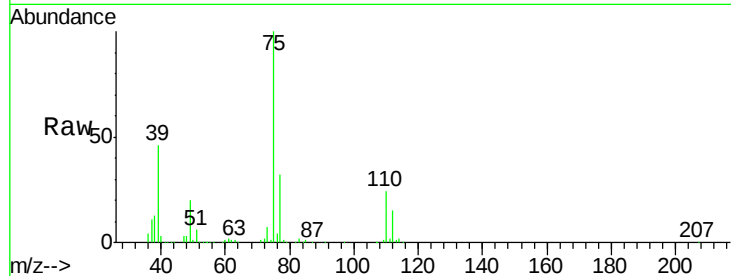




#53
t-1,3-Dichloropropene
Concen: 49.364 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

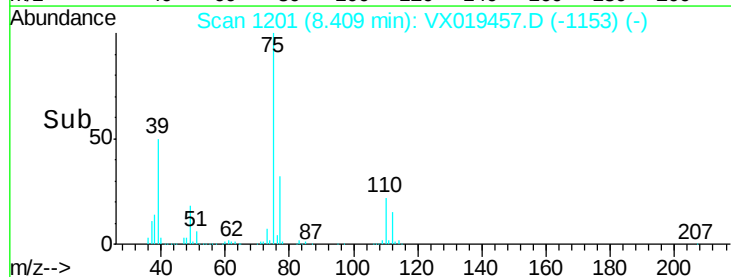
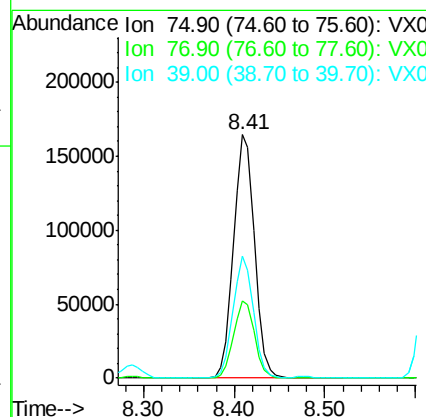
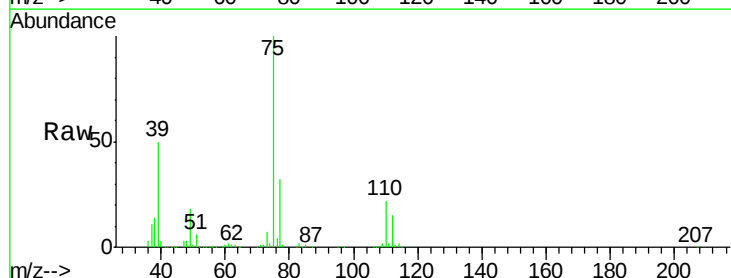
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

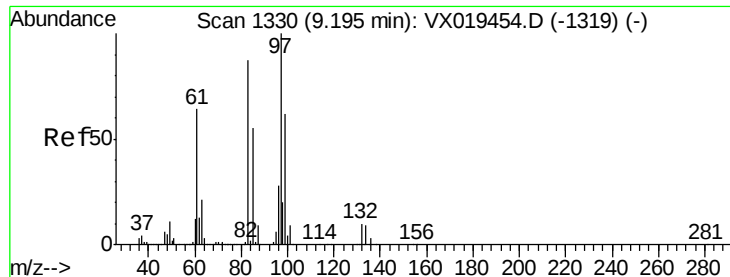
Tot Ion: 75 Resp: 249049
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.591 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 75 Resp: 263781
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 50.2 37.4 56.2

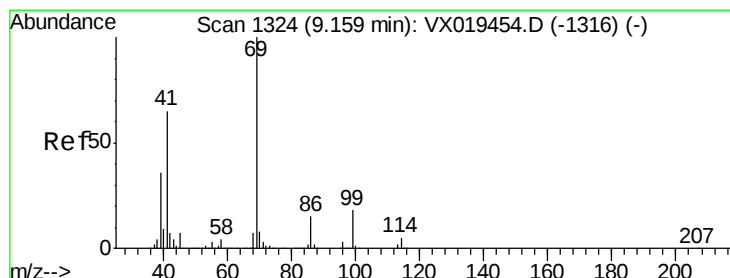
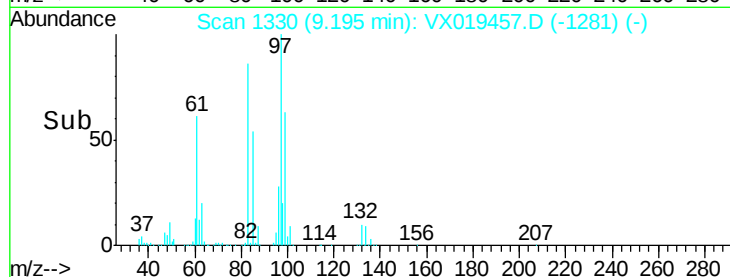
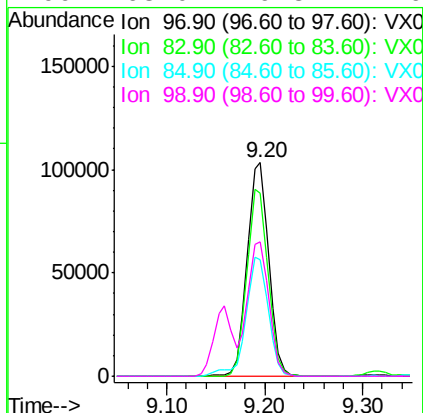
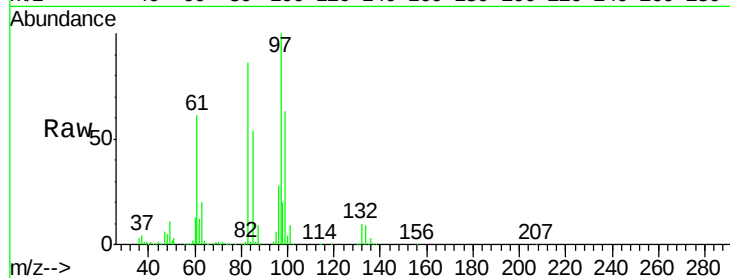




#55
 1,1,2-Trichloroethane
 Concen: 52.442 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

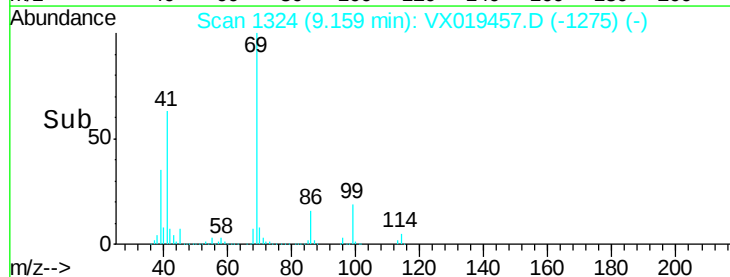
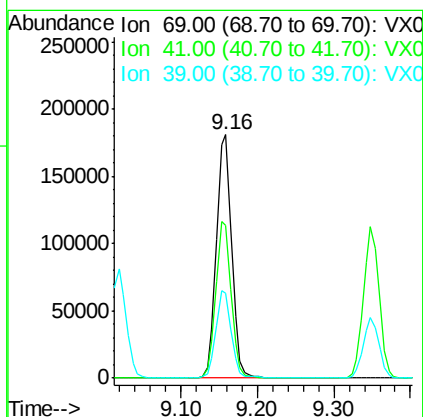
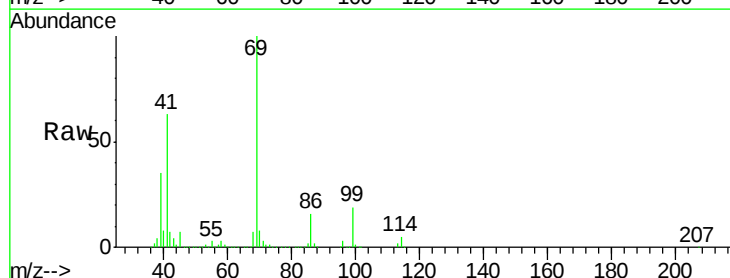
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

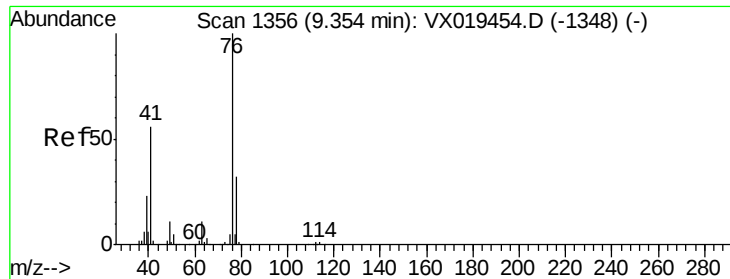
Tot Ion:	97	Resp:	158312
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.7	104.5
85	54.5	44.2	66.4
99	63.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 50.928 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion:	69	Resp:	251599
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	35.7	29.5	44.3





#57

1,3-Dichloropropane

Concen: 51.762 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

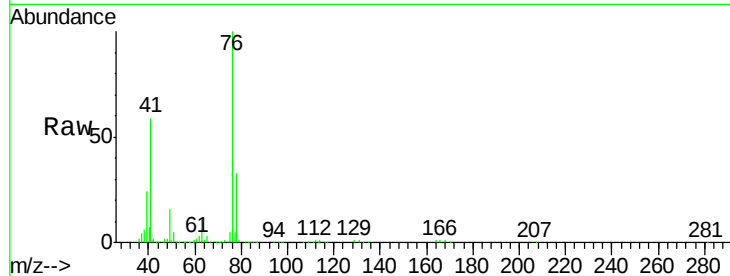
ICVVX111920

Tot Ion: 76 Resp: 271498

Ion Ratio Lower Upper

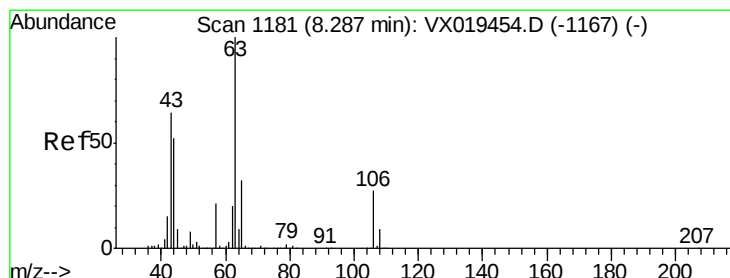
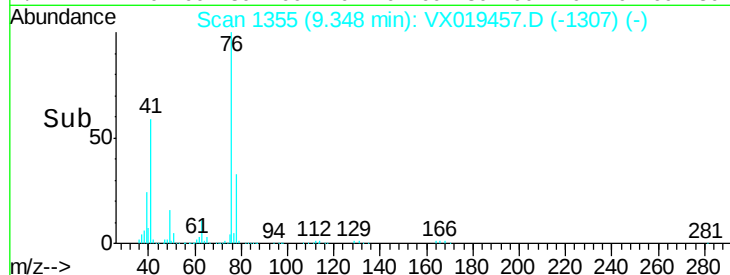
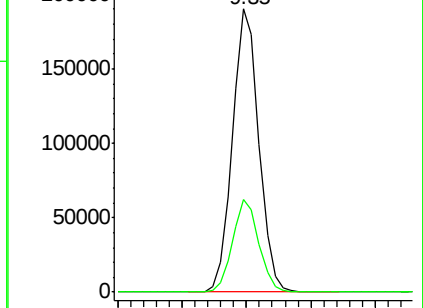
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.582 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019457.D

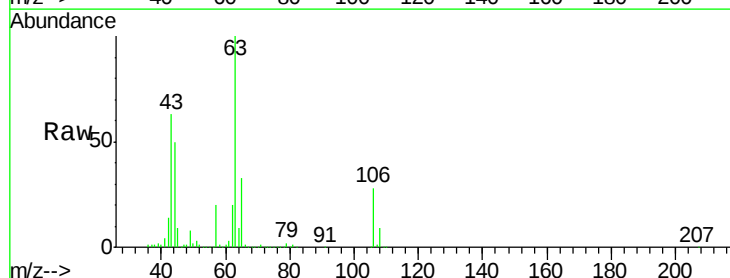
Acq: 18 Nov 2020 17:33

Tgt Ion: 63 Resp: 662016

Ion Ratio Lower Upper

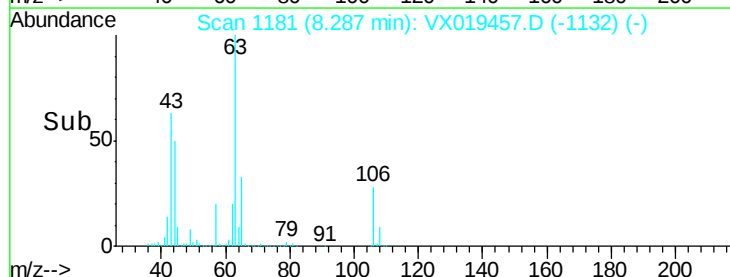
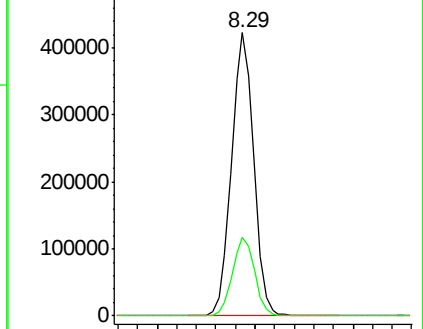
63 100

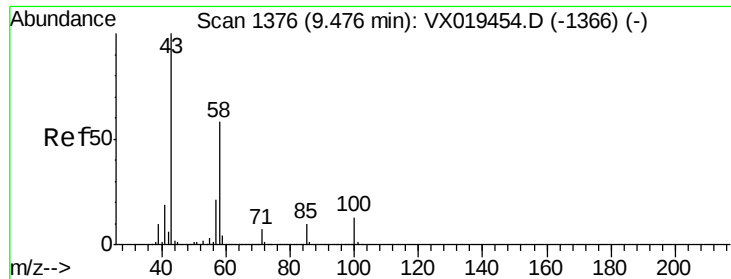
106 28.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

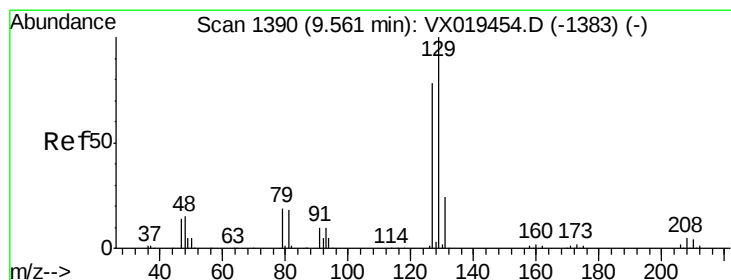
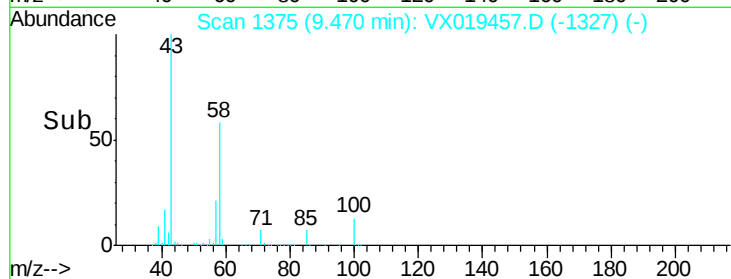
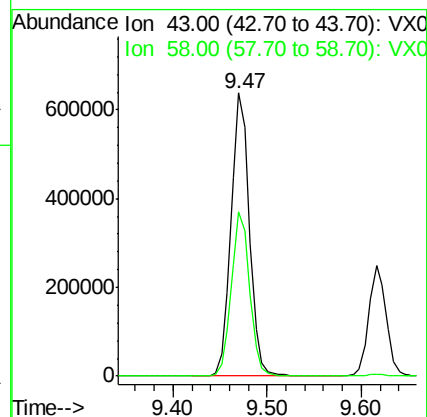
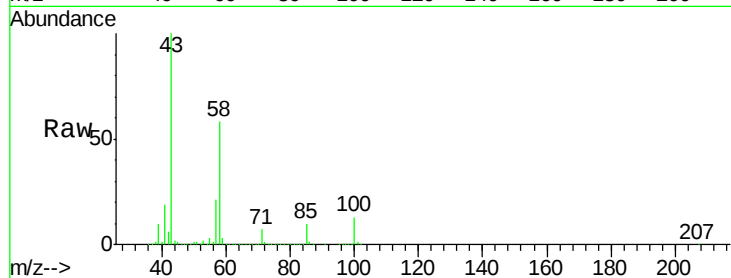




#59
2-Hexanone
Concen: 273.017 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

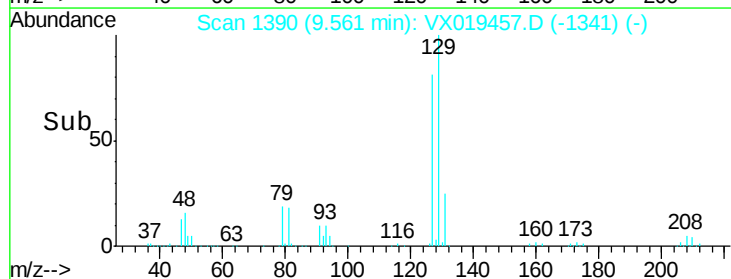
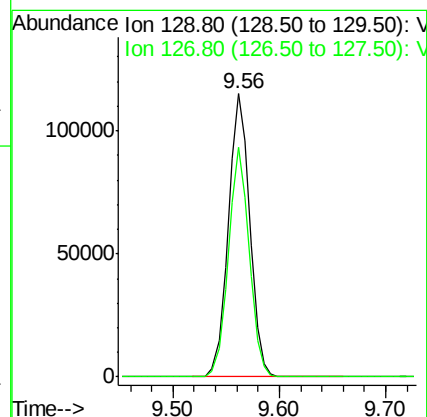
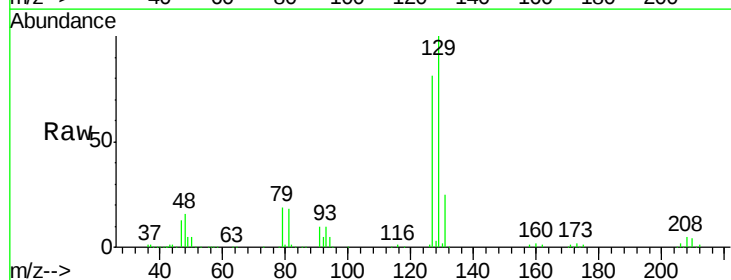
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

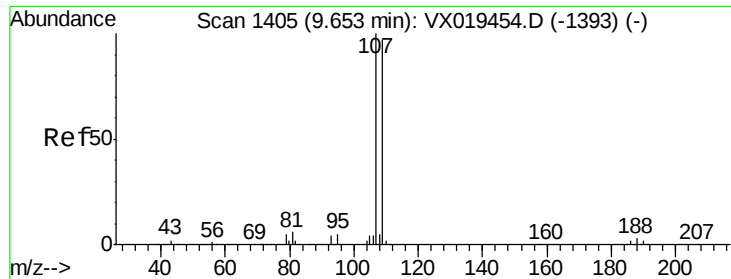
Tot Ion: 43 Resp: 862459
Ion Ratio Lower Upper
43 100
58 58.0 28.8 86.5



#60
Dibromochloromethane
Concen: 49.391 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 129 Resp: 162312
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 52.968 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

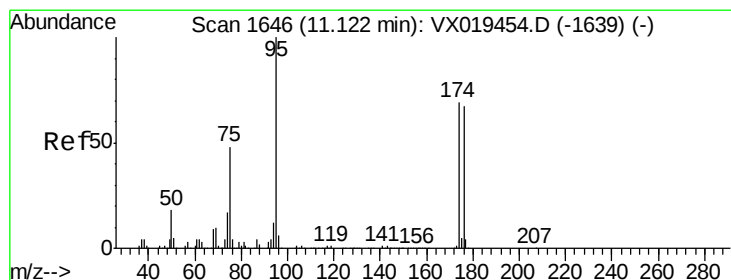
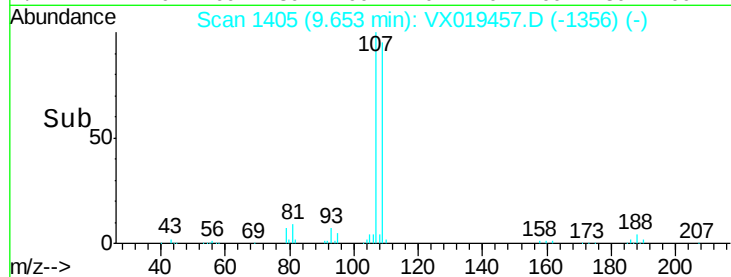
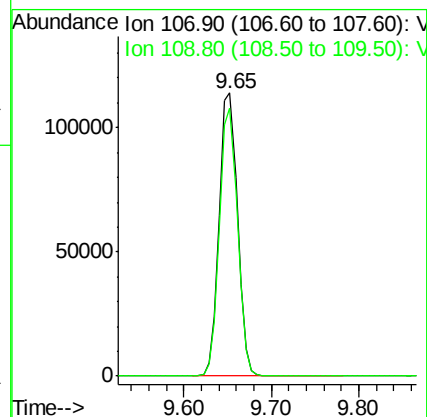
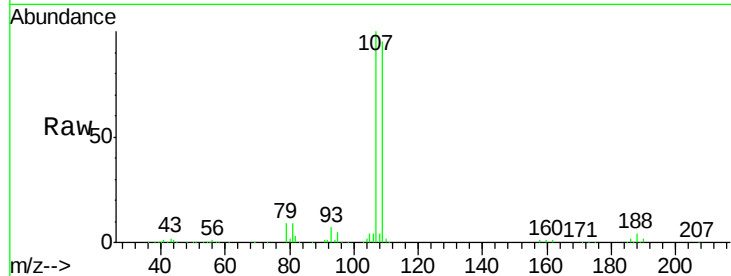
ICVVX111920

Tot Ion:107 Resp: 165747

Ion Ratio Lower Upper

107 100

109 93.5 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 49.134 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

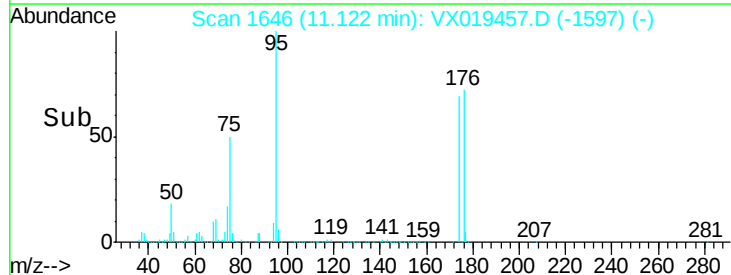
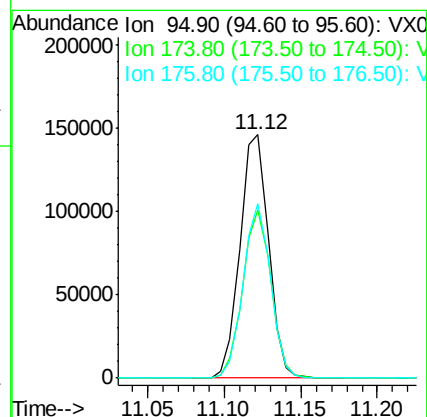
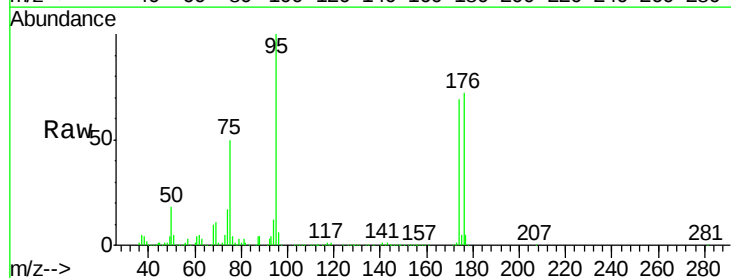
Tgt Ion: 95 Resp: 189757

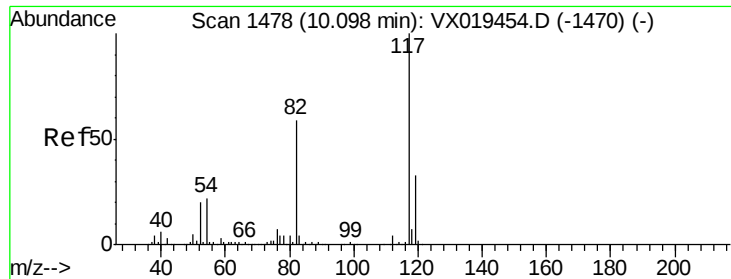
Ion Ratio Lower Upper

95 100

174 68.2 0.0 141.4

176 68.7 0.0 137.6

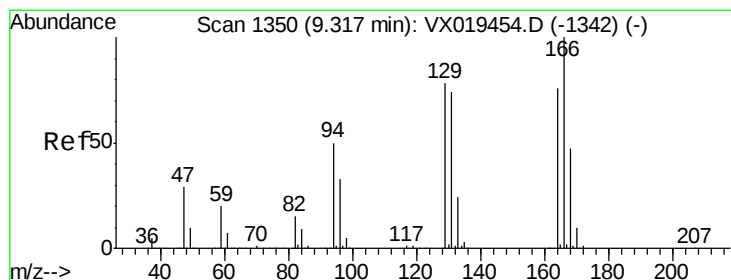
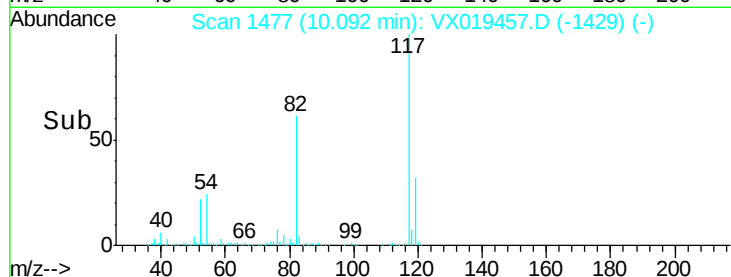
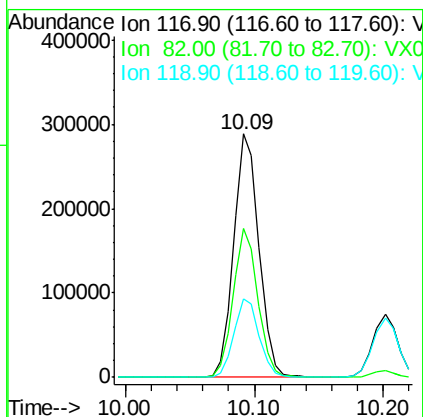
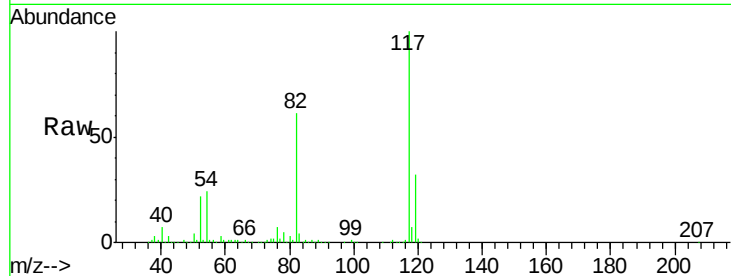




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

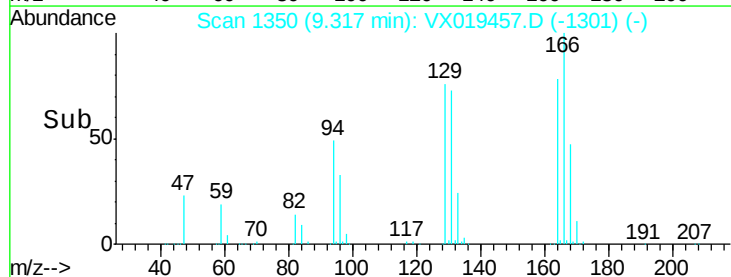
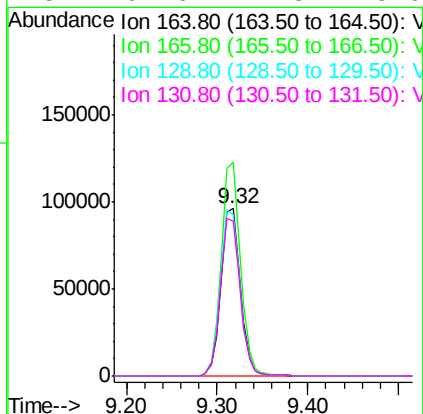
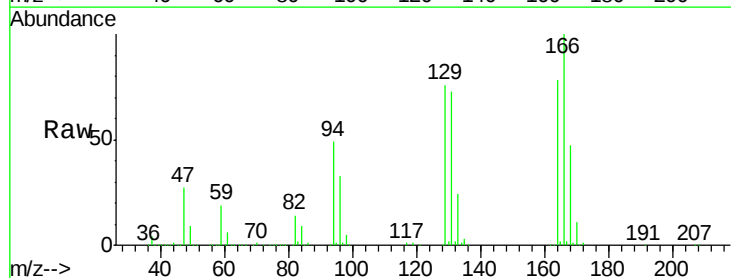
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

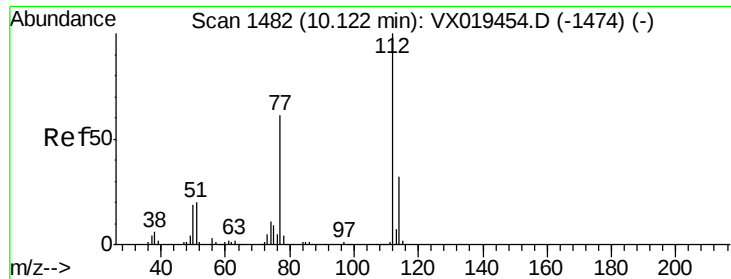
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	47.4	71.2
119	32.3	26.3	39.5



#64
Tetrachloroethene
Concen: 46.899 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	104.6	157.0
129	96.4	81.4	122.2
131	92.6	77.3	115.9

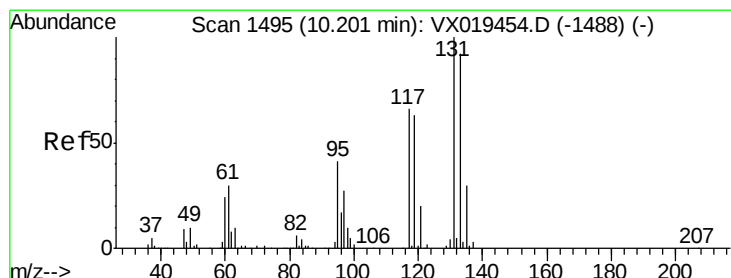
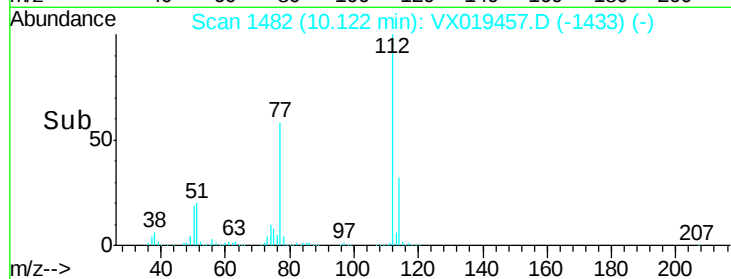
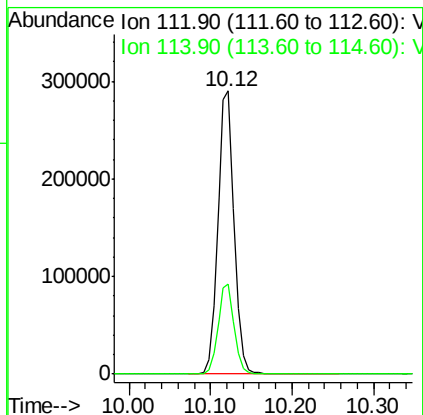
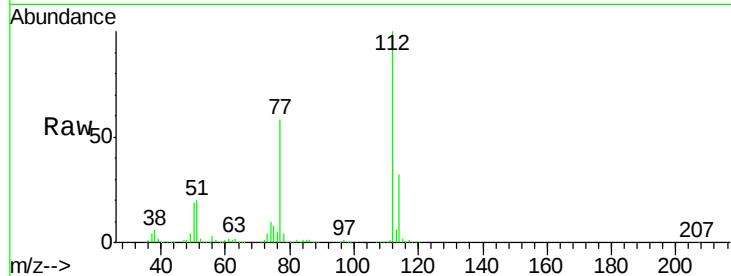




#65
Chlorobenzene
Concen: 50.214 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

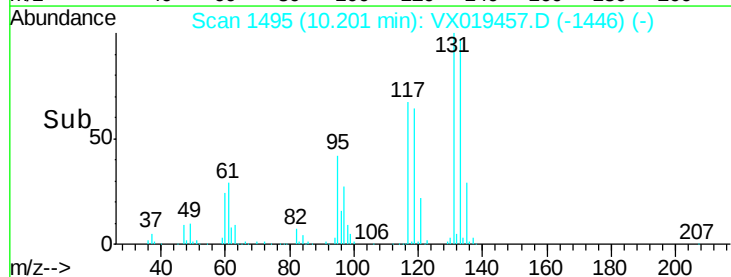
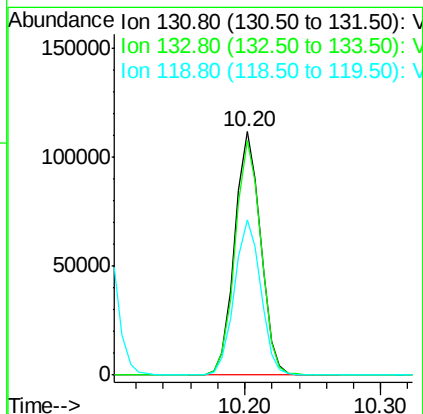
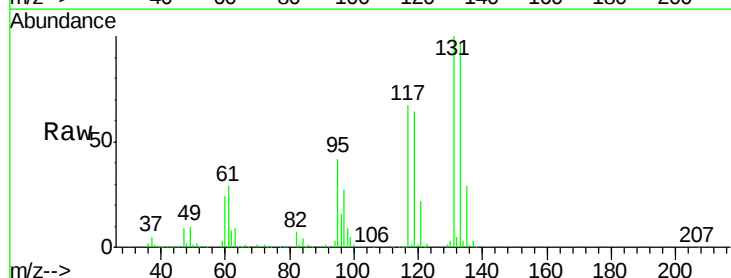
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

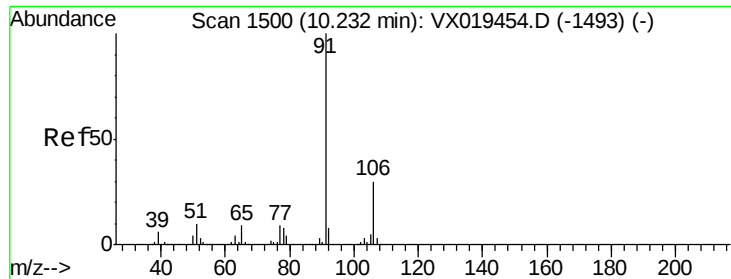
Tot Ion:112 Resp: 405518
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 47.093 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion:131 Resp: 148384
Ion Ratio Lower Upper
131 100
133 96.2 46.2 138.5
119 64.8 32.1 96.3

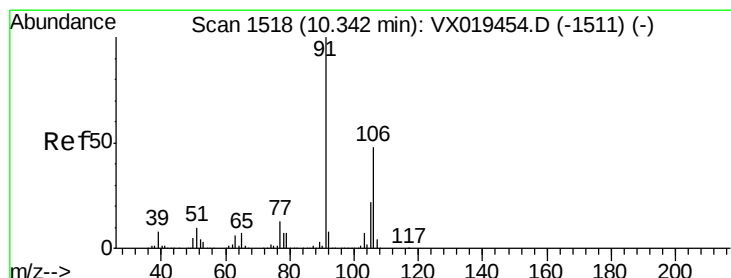
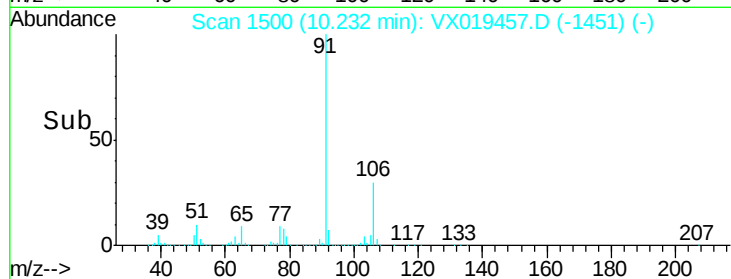
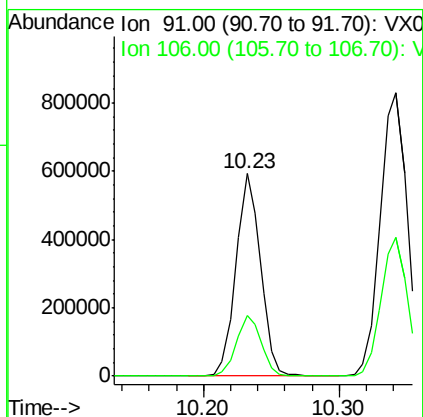
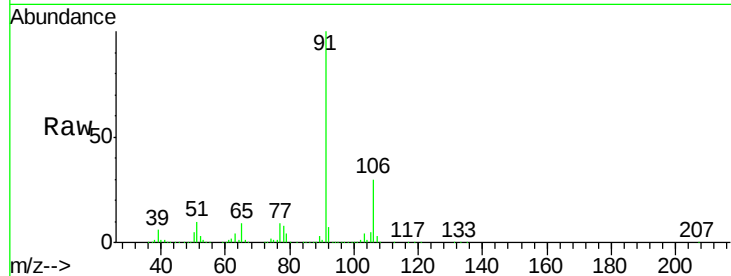




#67
Ethyl Benzene
Concen: 51.105 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

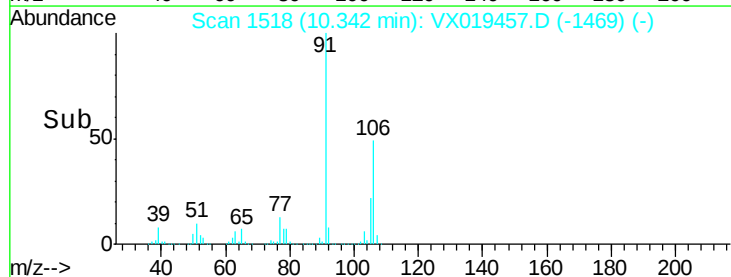
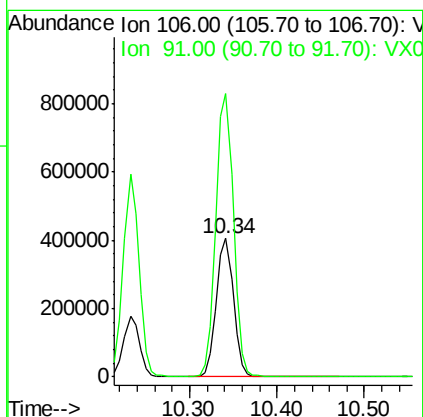
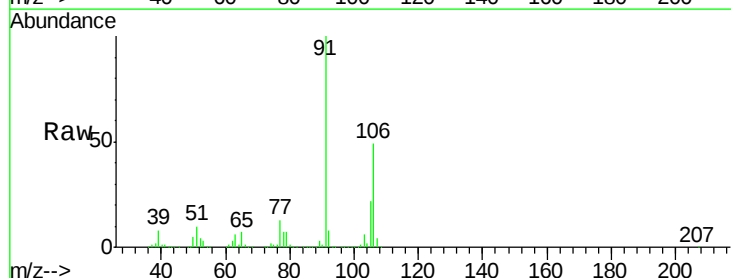
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

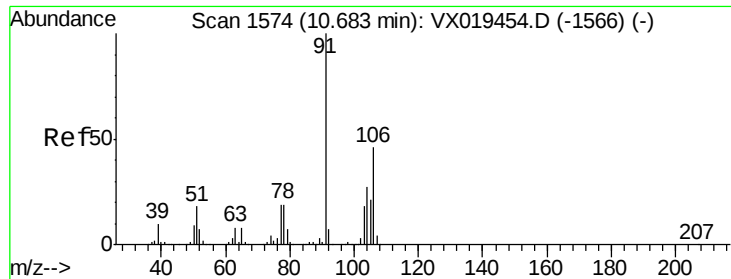
Tot Ion: 91 Resp: 746681
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6



#68
m/p-Xylenes
Concen: 103.581 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 106 Resp: 551842
Ion Ratio Lower Upper
106 100
91 209.0 167.2 250.8

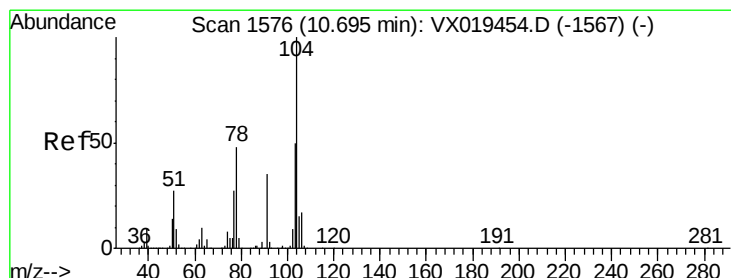
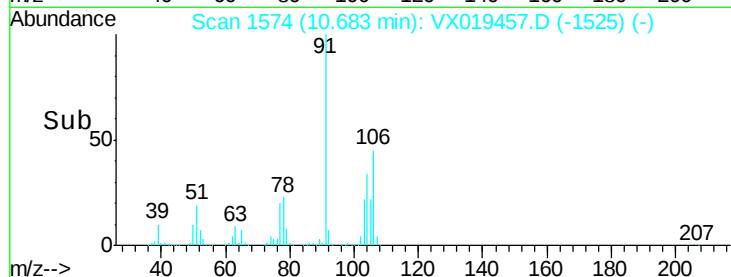
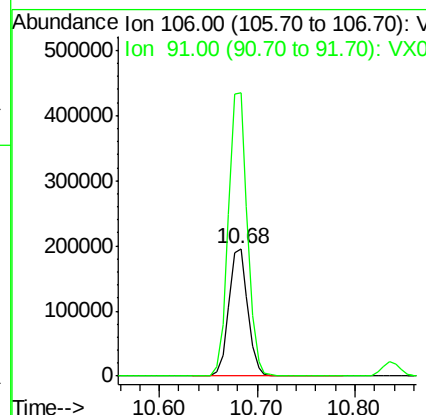
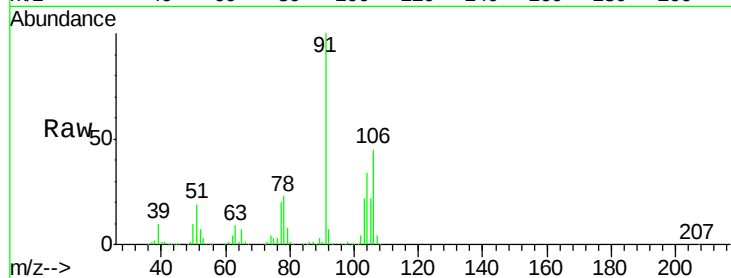




#69
o-Xylene
Concen: 51.727 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

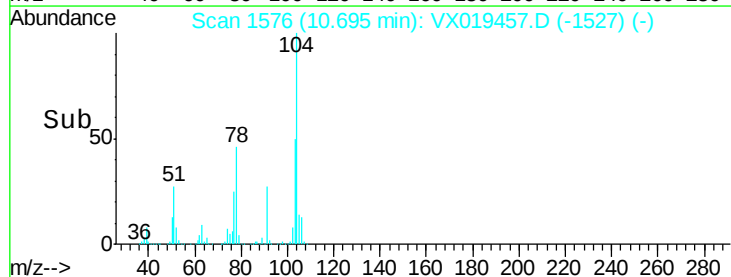
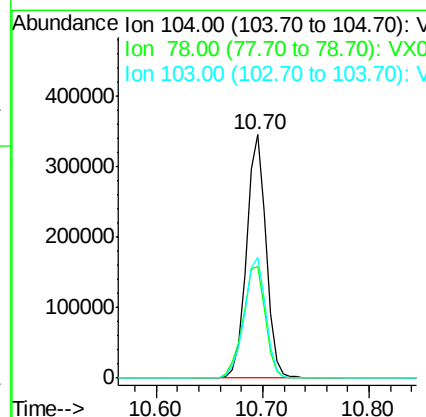
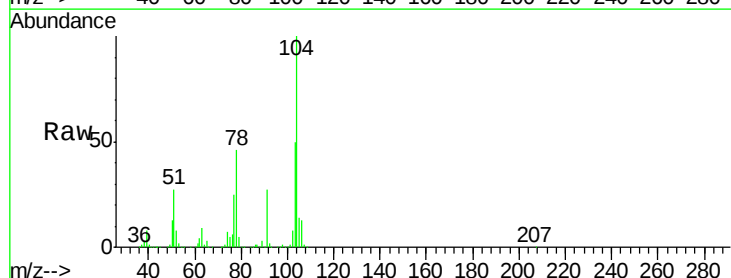
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

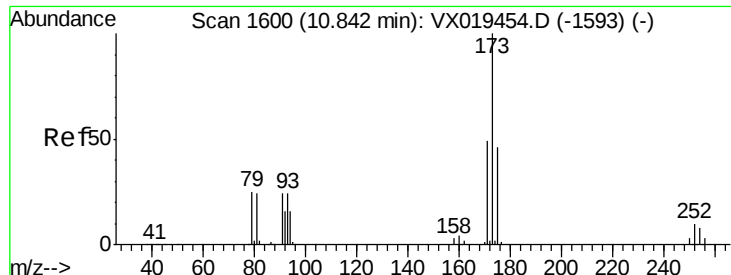
Tot Ion:106 Resp: 262437
Ion Ratio Lower Upper
106 100
91 223.4 109.6 328.6



#70
Styrene
Concen: 46.331 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion:104 Resp: 445815
Ion Ratio Lower Upper
104 100
78 53.2 42.7 64.1
103 54.8 43.2 64.8





#71

Bromoform

Concen: 46.833 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

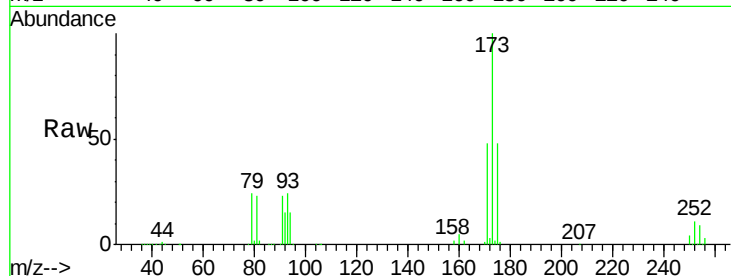
Tot Ion:173 Resp: 111499

Ion Ratio Lower Upper

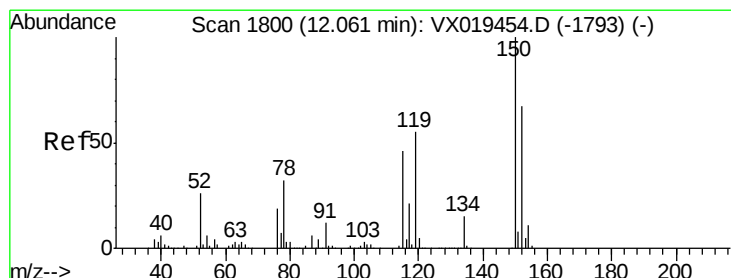
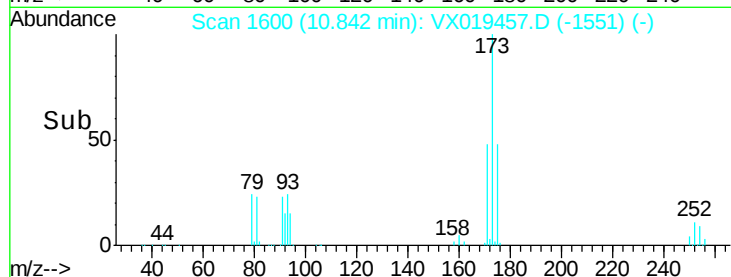
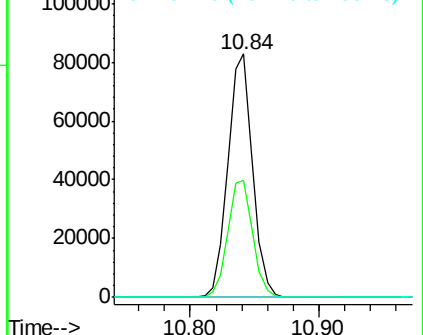
173 100

175 48.6 23.9 71.7

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

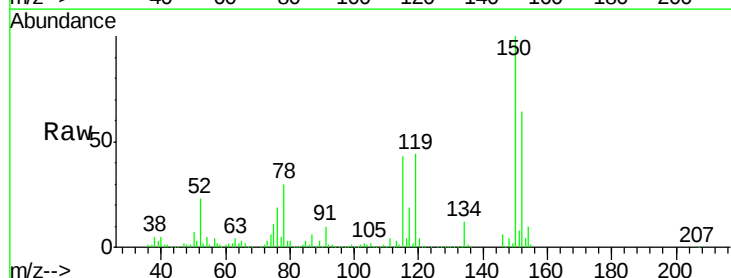
Tgt Ion:152 Resp: 184380

Ion Ratio Lower Upper

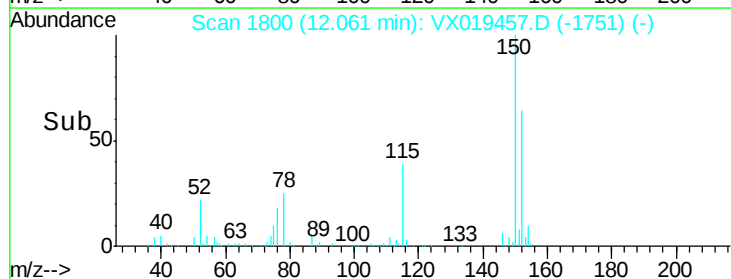
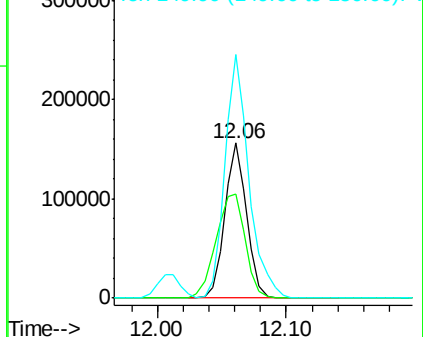
152 100

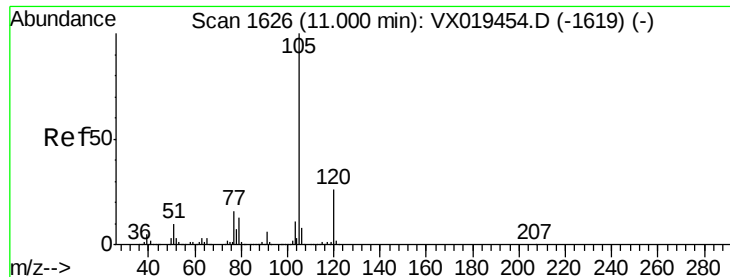
115 90.5 44.9 134.7

150 174.4 0.0 344.4



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





#73

Isopropylbenzene

Concen: 53.431 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

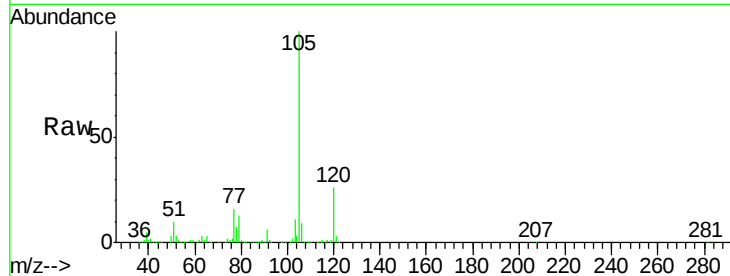
ICVX111920

Tot Ion:105 Resp: 712250

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

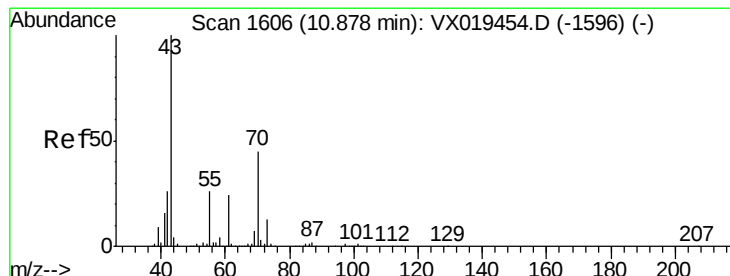
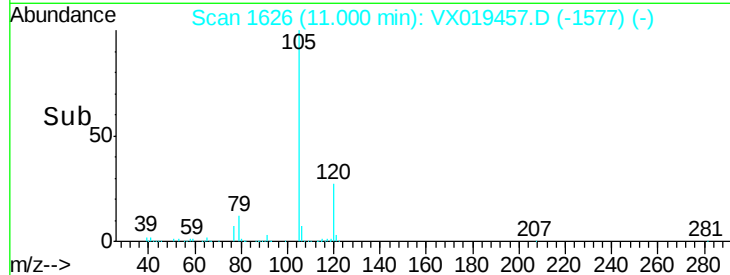
400000

200000

0

11.00

Time-->



#74

N-ethyl acetate

Concen: 55.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion: 43 Resp: 310320

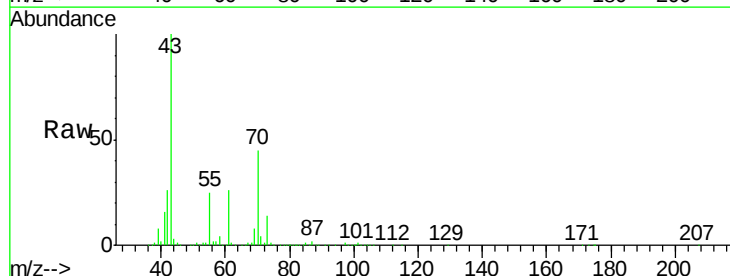
Ion Ratio Lower Upper

43 100

70 45.3 36.8 55.2

55 25.4 21.0 31.4

61 25.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

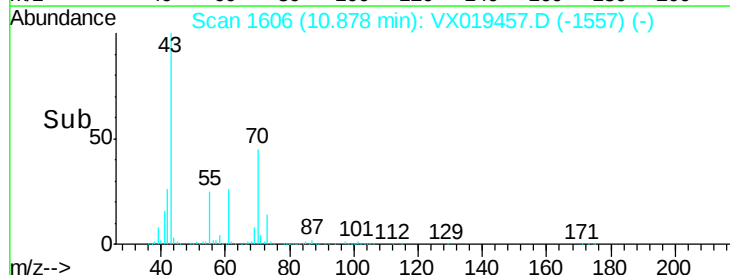
200000

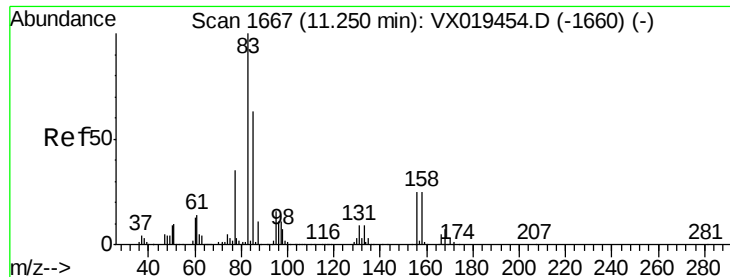
100000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.225 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

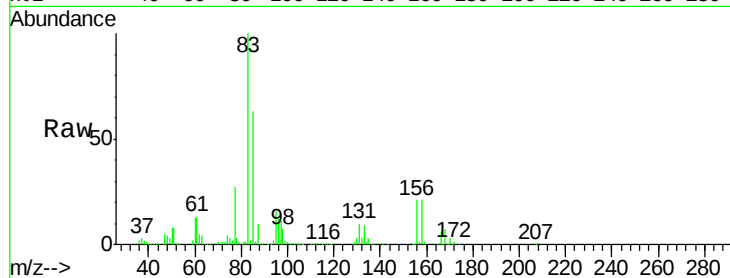
Tot Ion: 83 Resp: 235643

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

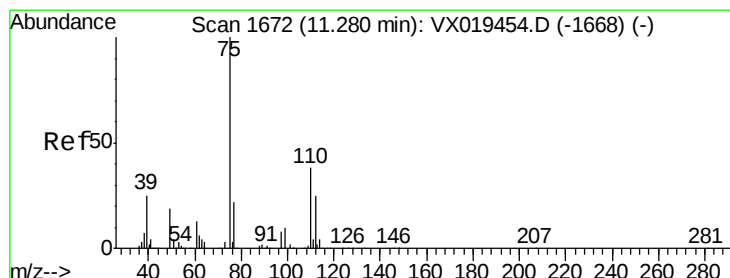
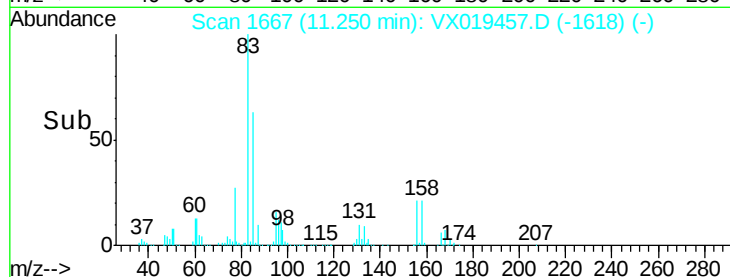
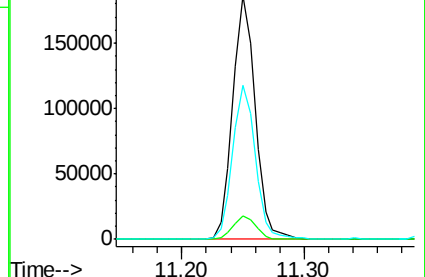
85 64.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.231 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019457.D

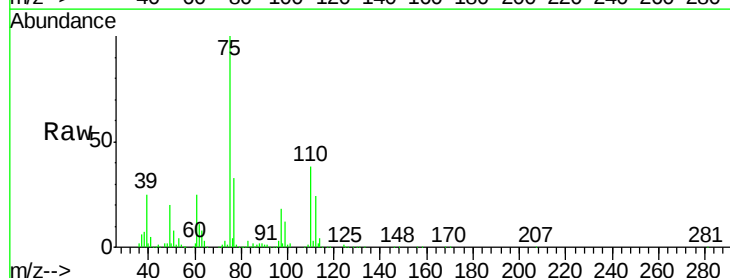
Acq: 18 Nov 2020 17:33

Tgt Ion: 75 Resp: 286748

Ion Ratio Lower Upper

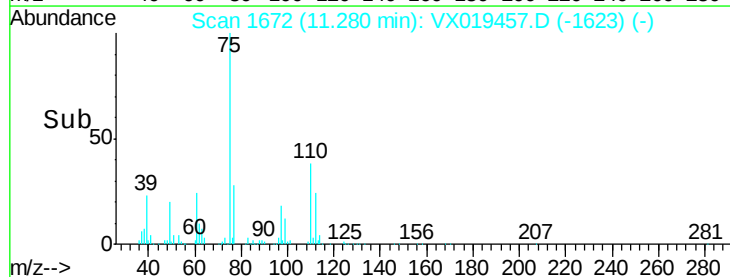
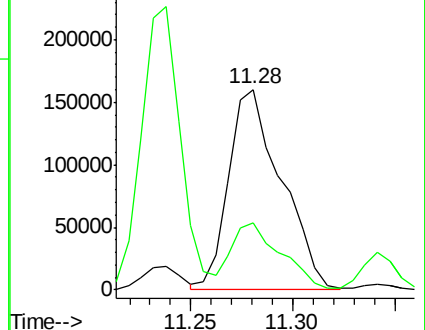
75 100

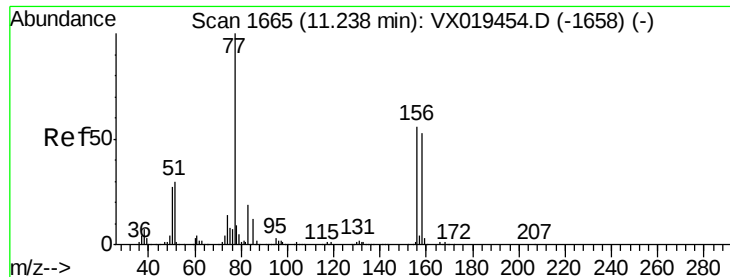
77 31.3 20.0 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.267 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

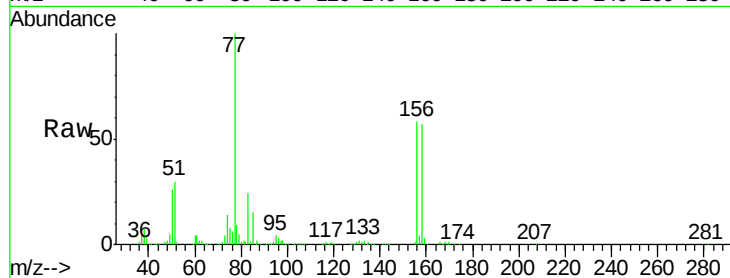
Tot Ion:156 Resp: 164164

Ion Ratio Lower Upper

156 100

77 183.0 91.3 274.1

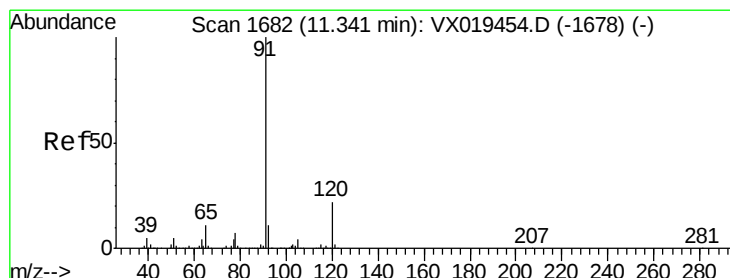
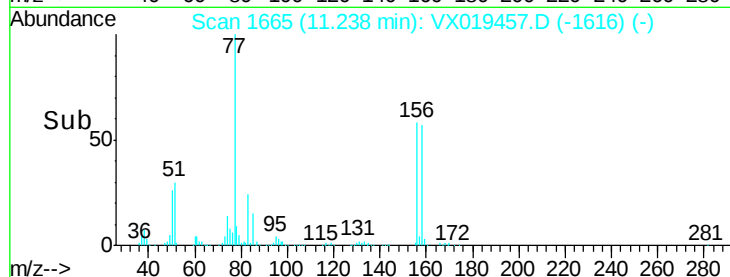
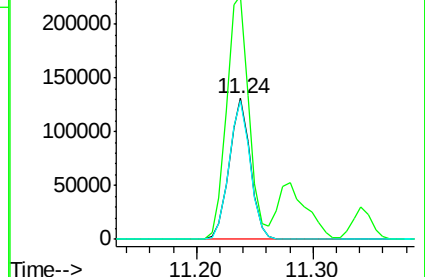
158 98.6 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.964 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019457.D

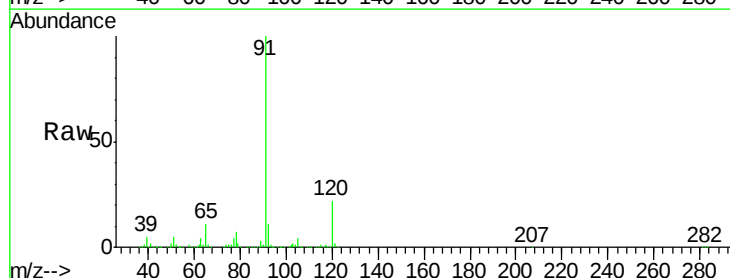
Acq: 18 Nov 2020 17:33

Tgt Ion: 91 Resp: 830034

Ion Ratio Lower Upper

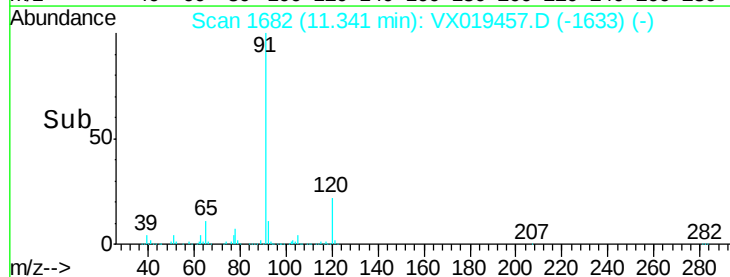
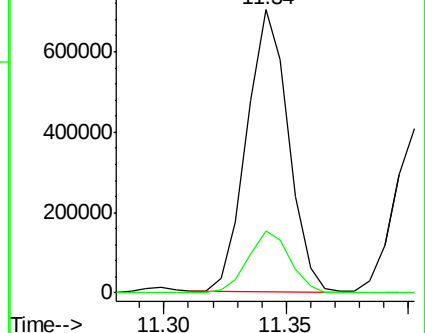
91 100

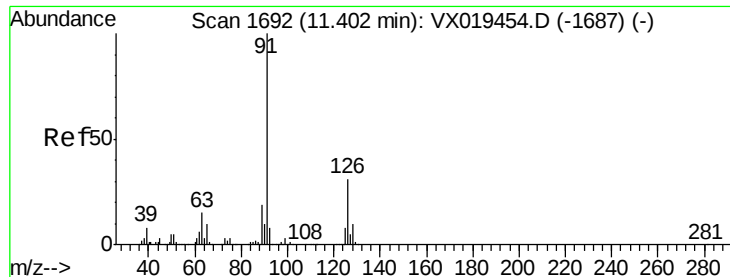
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

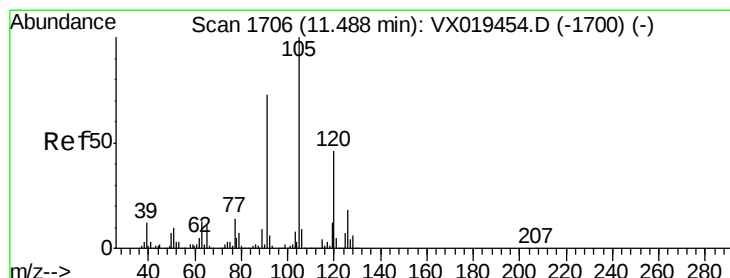
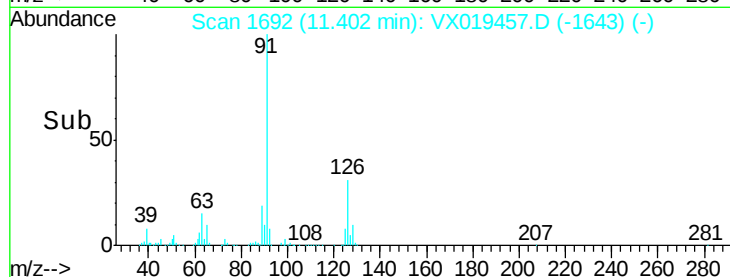
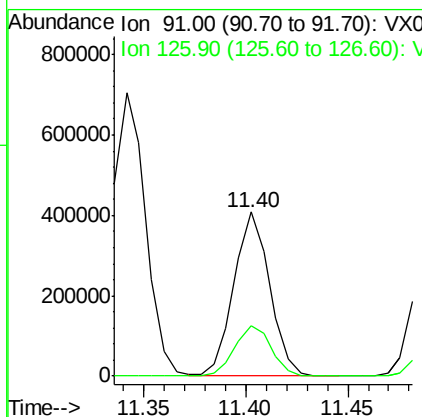
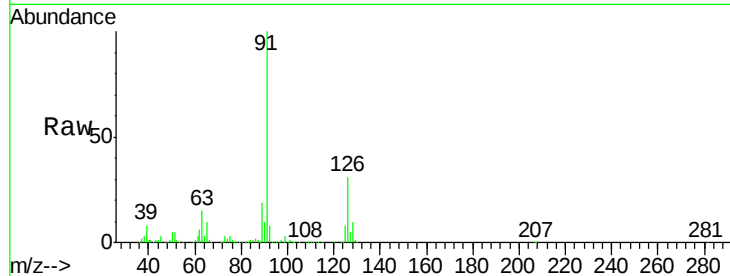




#79
 2-Chlorotoluene
 Concen: 52.865 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

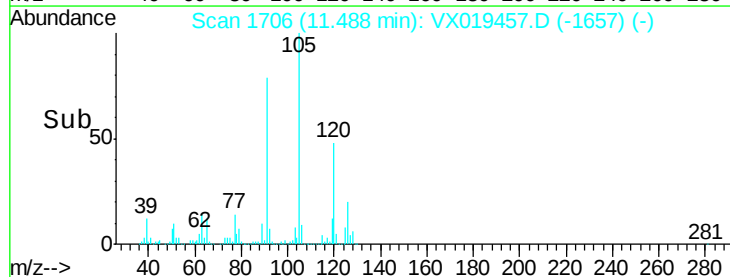
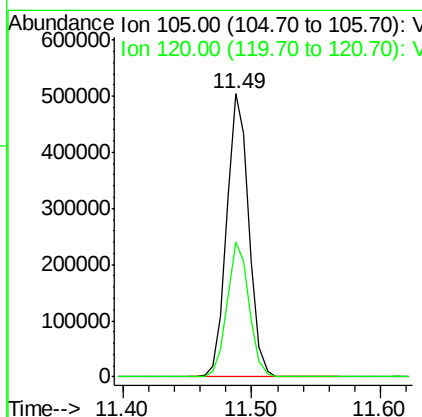
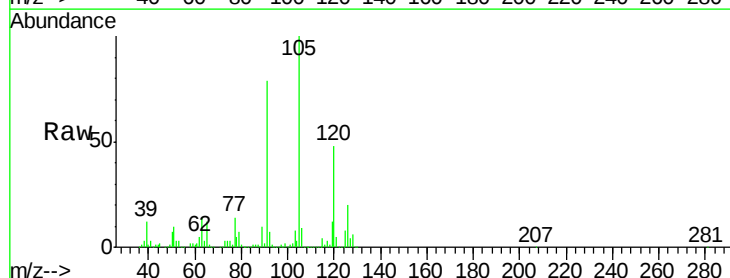
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

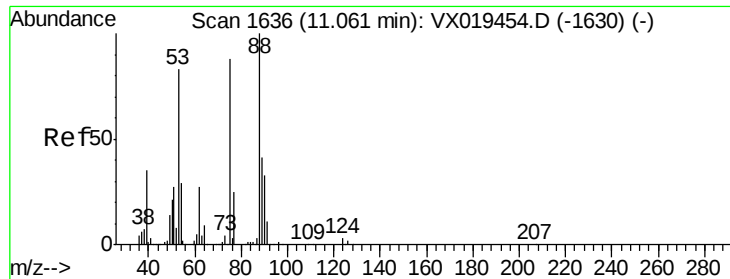
Tot Ion: 91 Resp: 494281
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.6 46.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.604 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion: 105 Resp: 608059
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8

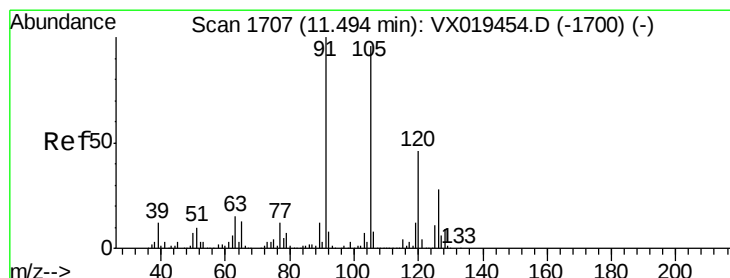
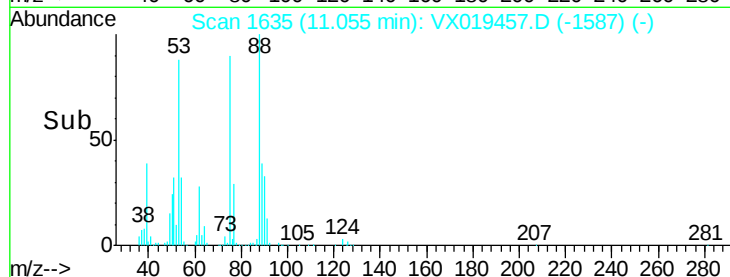
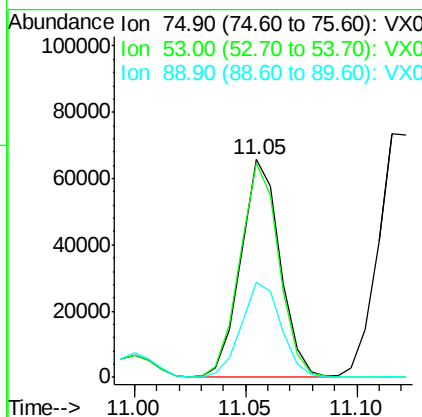
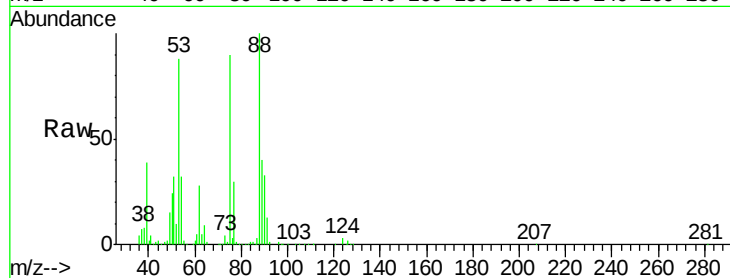




#81
trans-1,4-Dichloro-2-butene
Concen: 49.435 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

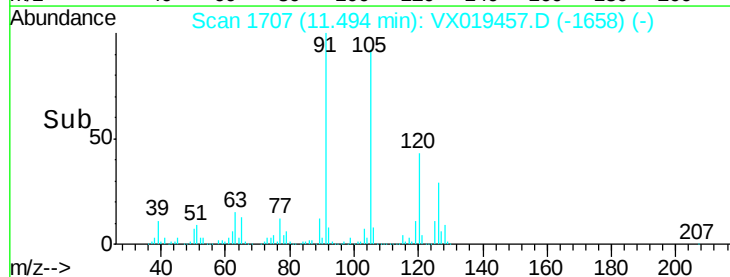
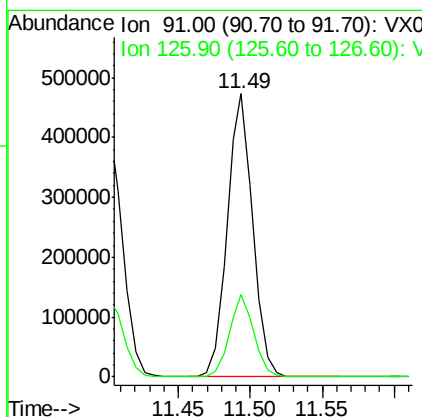
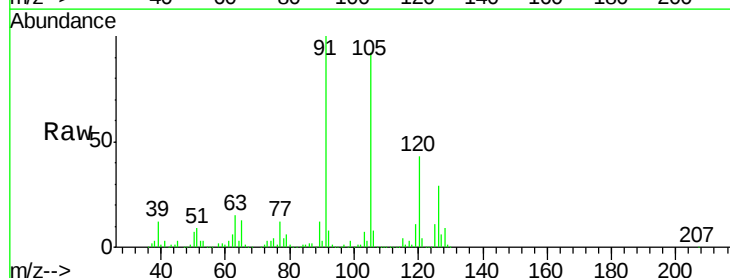
Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

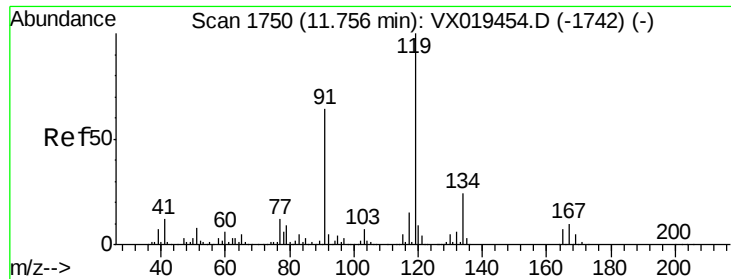
Tot Ion: 75 Resp: 80218
Ion Ratio Lower Upper
75 100
53 98.5 81.0 121.6
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.506 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 91 Resp: 585641
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.2

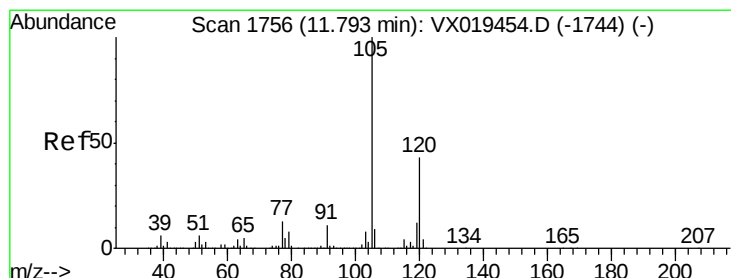
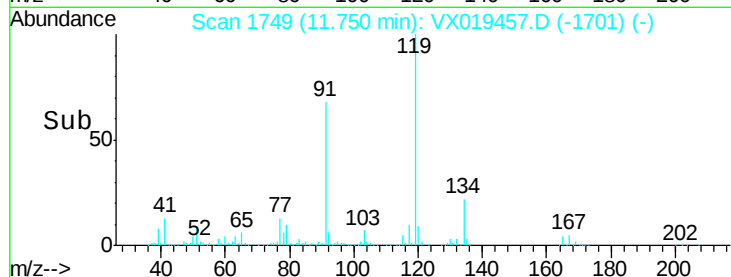
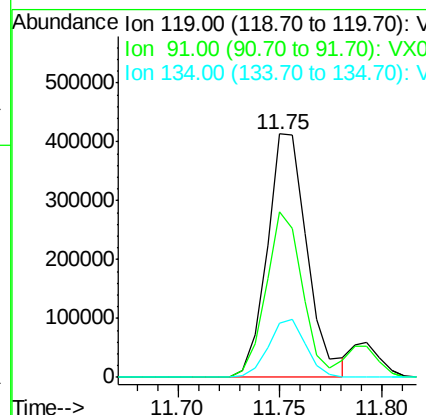
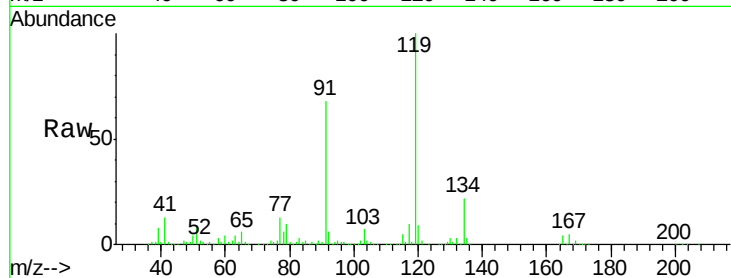




#83
tert-Butylbenzene
Concen: 53.999 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

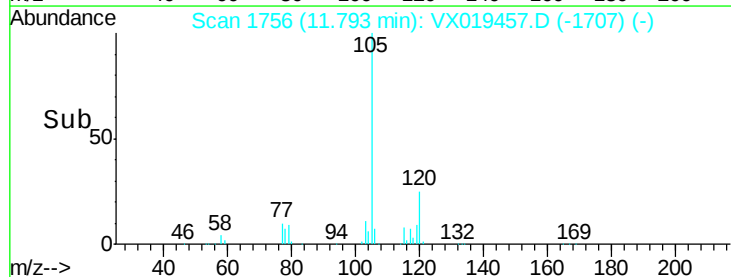
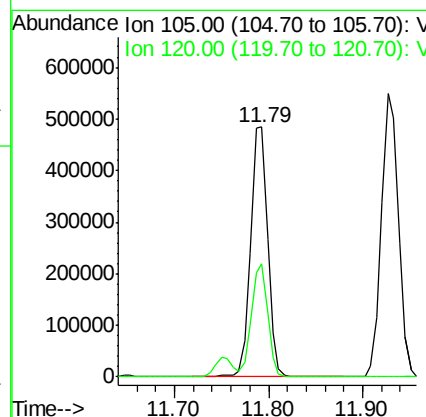
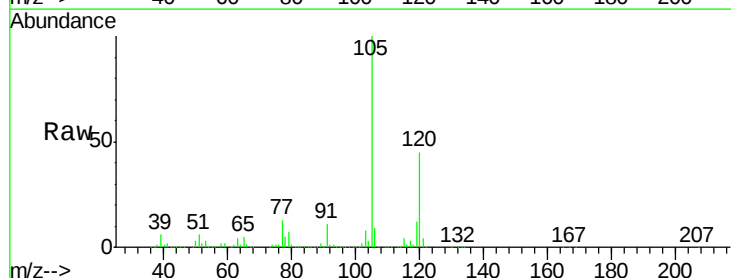
Instrument :
MSVOA_X
ClientSampleId :
ICVX111920

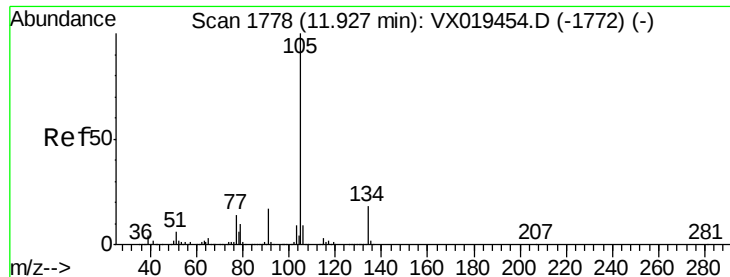
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.1	93.2
134	22.6	11.6	34.7



#84
1,2,4-Trimethylbenzene
Concen: 53.921 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.5	64.5

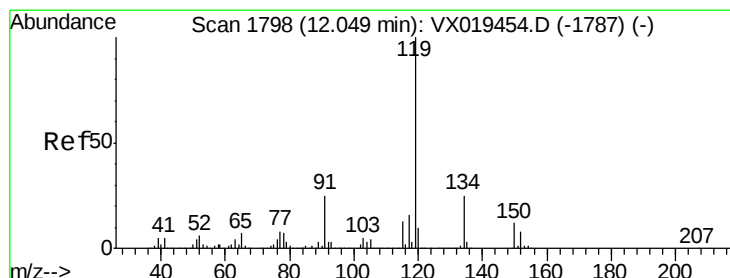
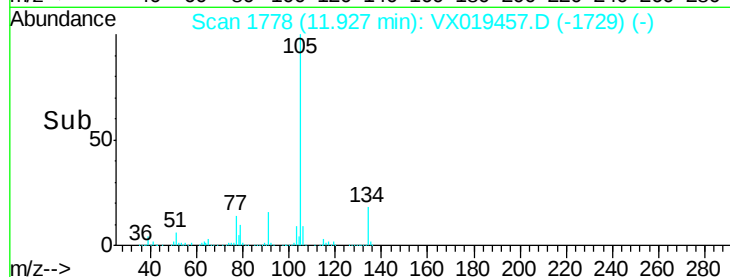
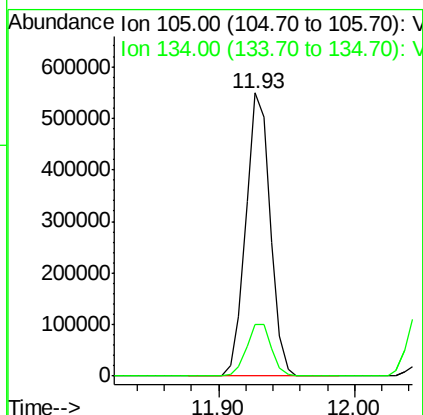
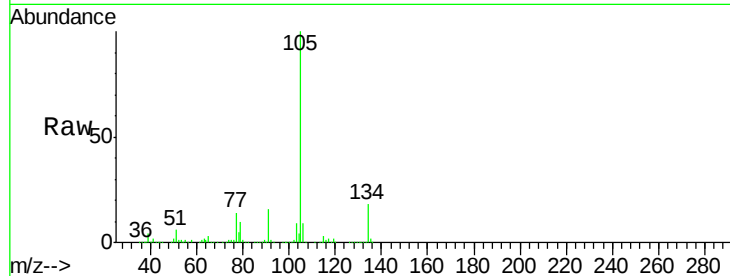




#85
 sec-Butylbenzene
 Concen: 53.889 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

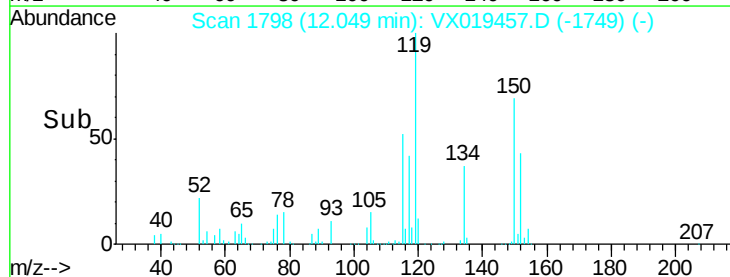
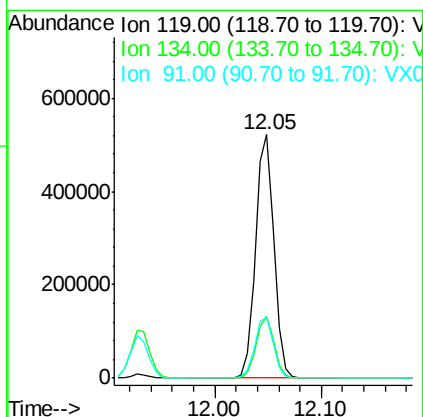
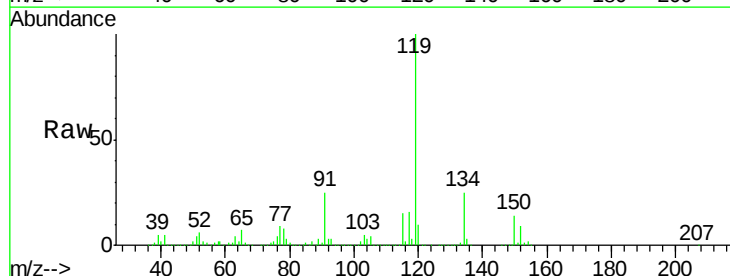
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

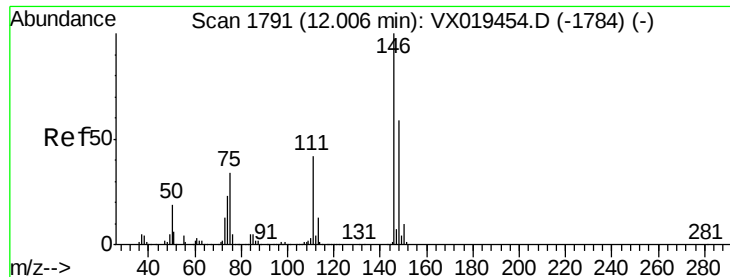
Tot Ion:105 Resp: 689599
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 49.105 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion:119 Resp: 628915
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 25.3 12.6 37.6

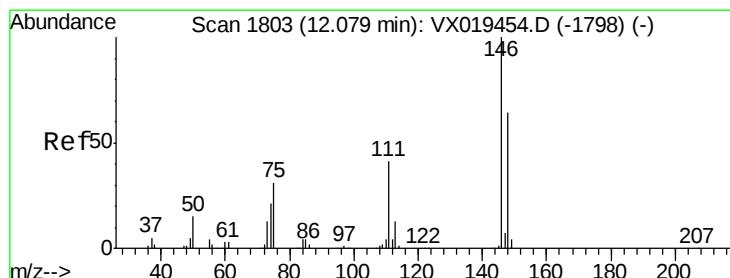
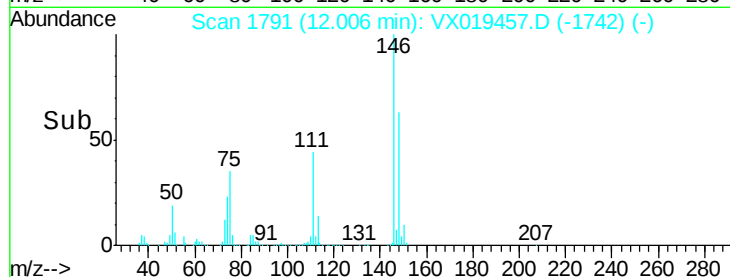
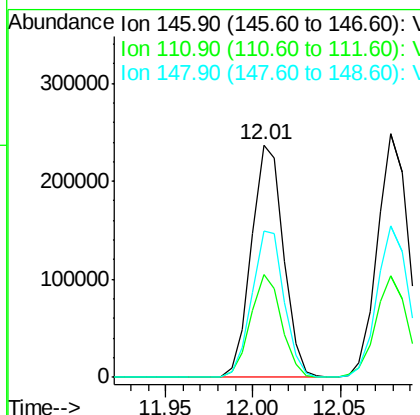
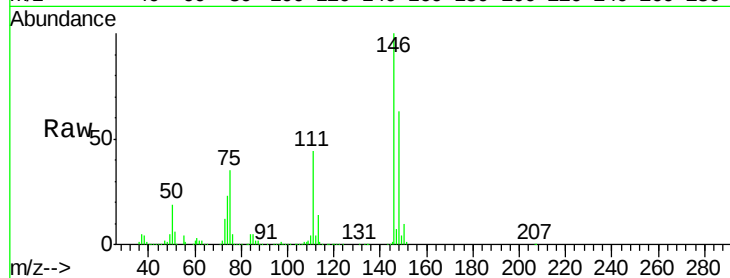




#87
 1,3-Dichlorobenzene
 Concen: 50.727 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

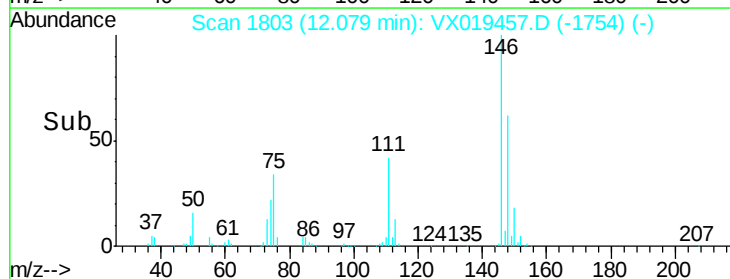
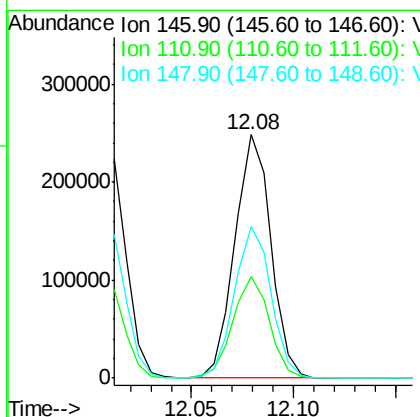
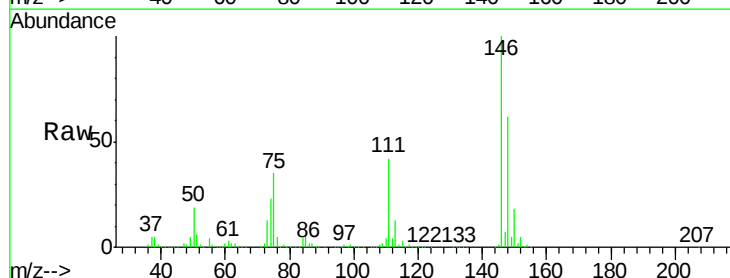
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

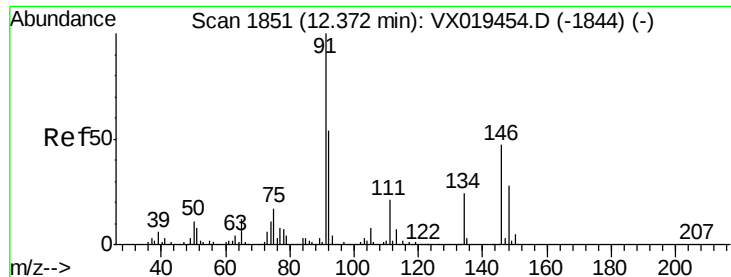
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	63.3	31.1	93.3



#88
 1,4-Dichlorobenzene
 Concen: 49.848 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.7	62.1
148	63.0	31.4	94.0





#89

n-Butylbenzene

Concen: 53.503 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX111920

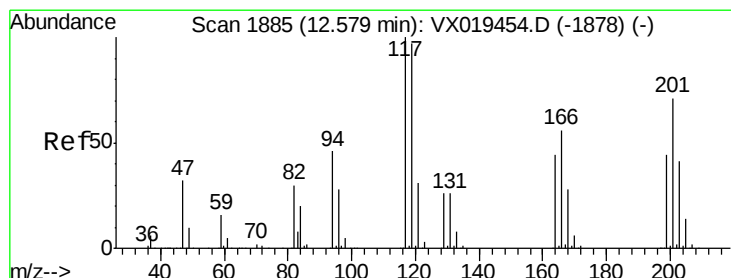
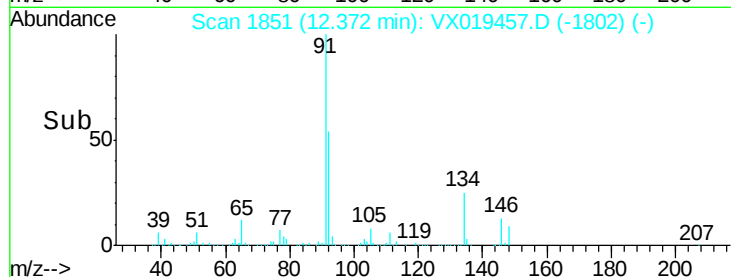
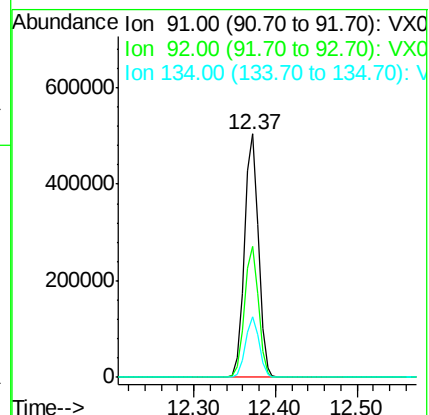
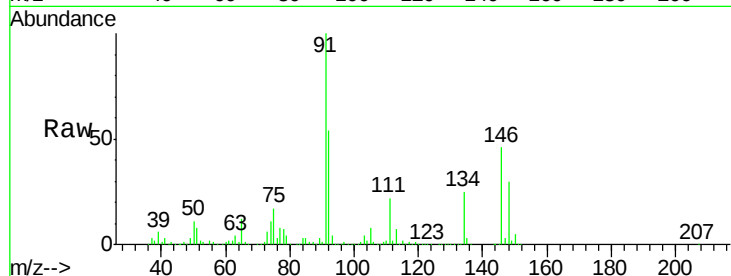
Tot Ion: 91 Resp: 580821

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

134 24.6 12.0 36.1



#90

Hexachloroethane

Concen: 47.394 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019457.D

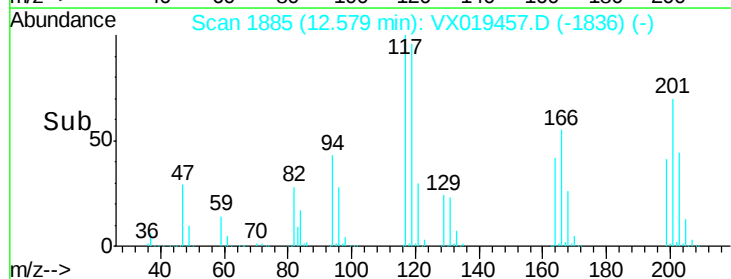
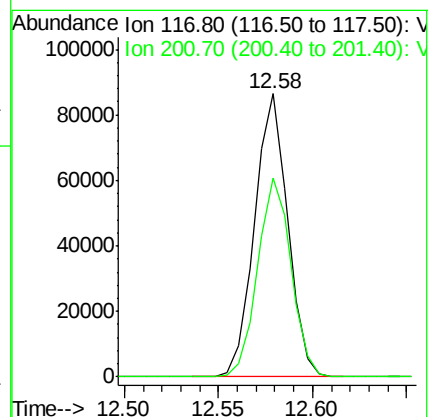
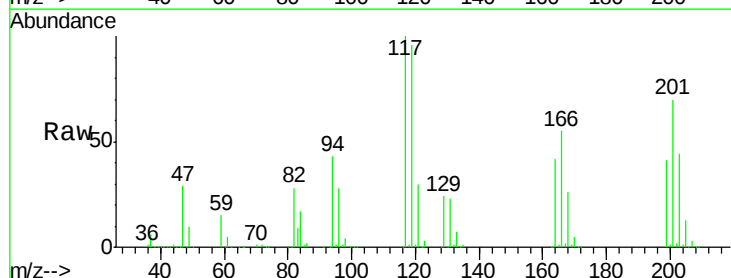
Acq: 18 Nov 2020 17:33

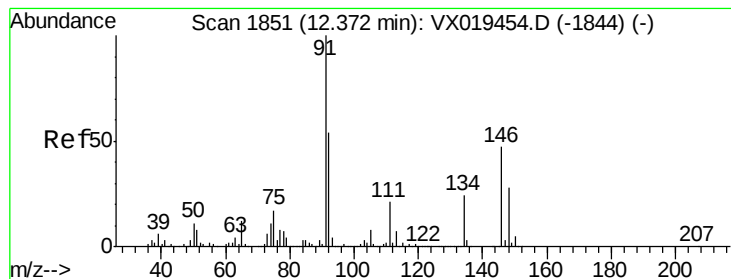
Tgt Ion: 117 Resp: 105284

Ion Ratio Lower Upper

117 100

201 70.8 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 49.942 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

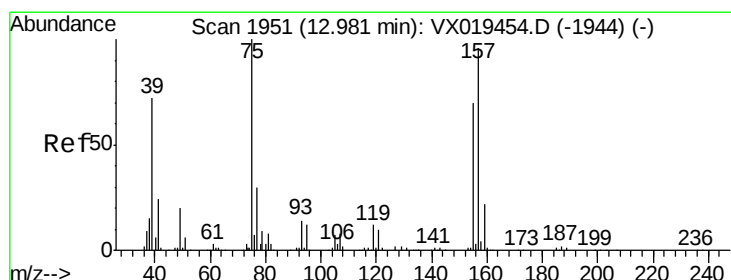
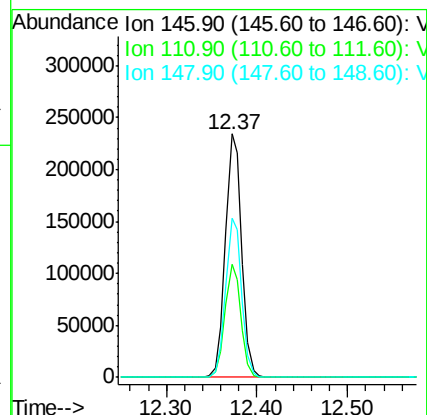
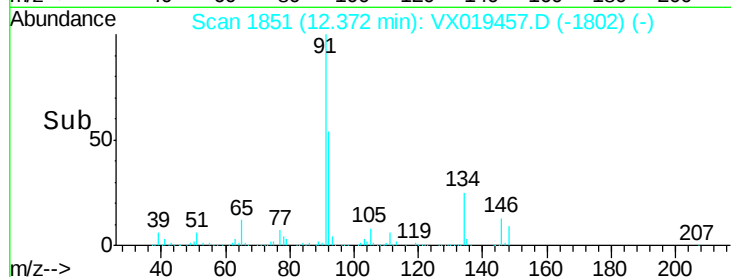
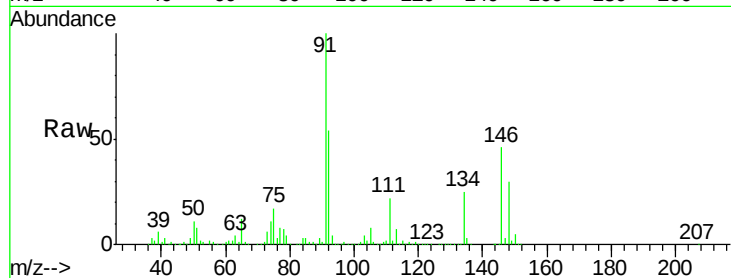
Tot Ion:146 Resp: 293274

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.3

148 64.5 31.2 93.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.124 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

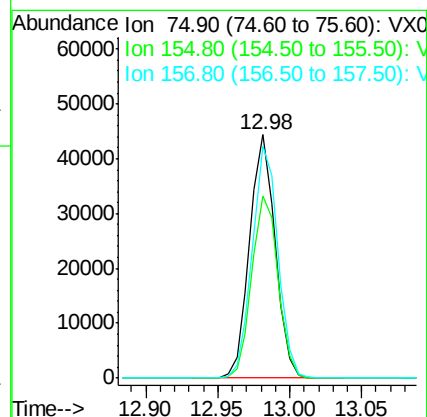
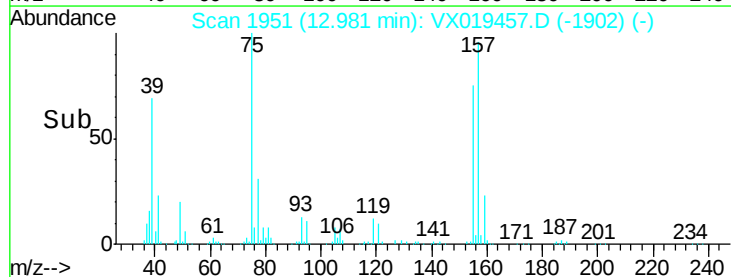
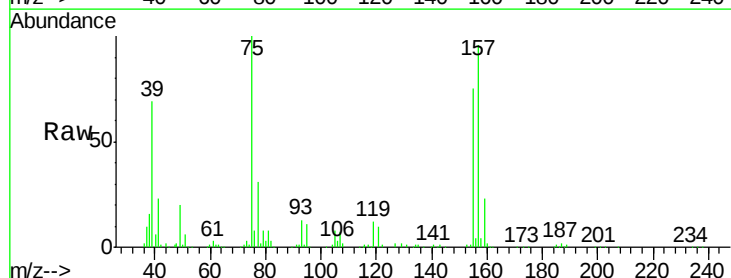
Tgt Ion: 75 Resp: 54249

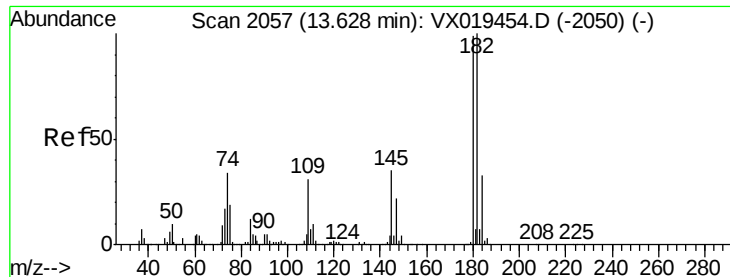
Ion Ratio Lower Upper

75 100

155 76.3 36.4 109.1

157 95.9 47.9 143.8

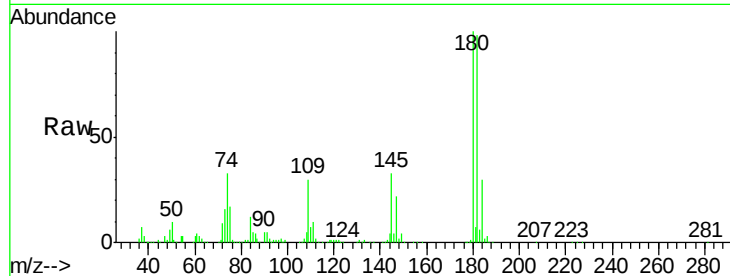




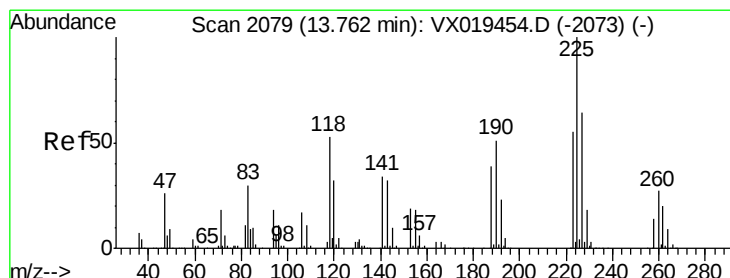
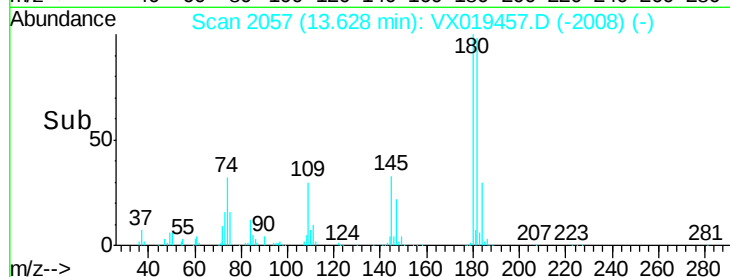
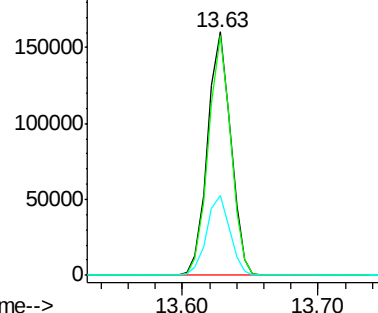
#93
 1,2,4-Trichlorobenzene
 Concen: 46.368 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.4
145	32.7	16.9	50.6

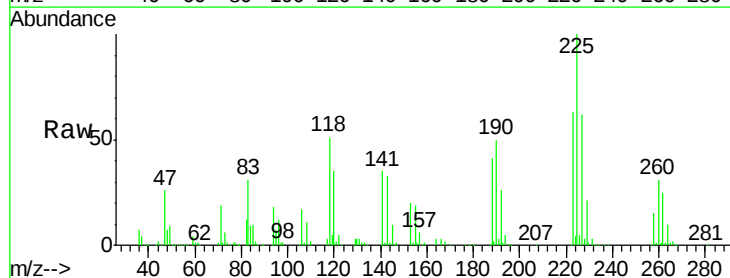


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

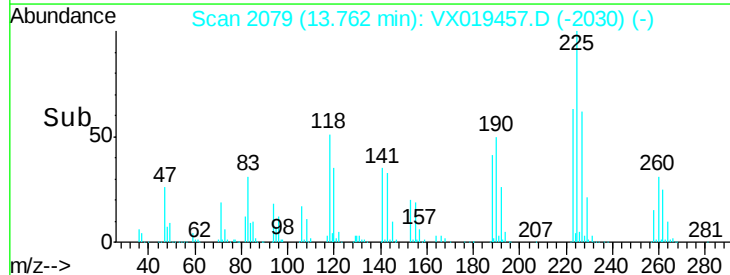
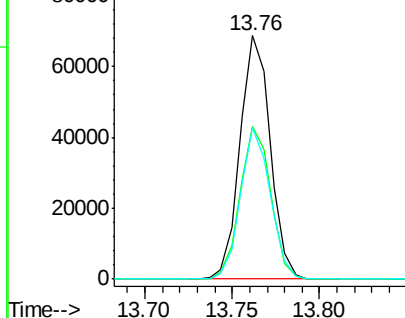


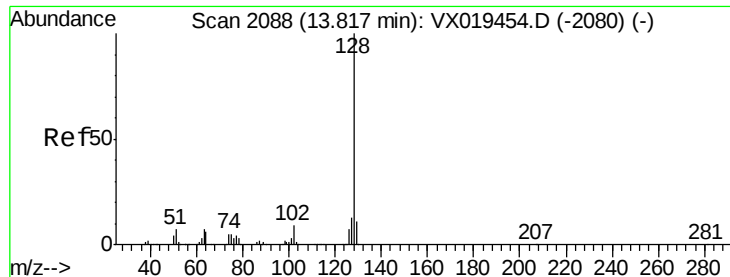
#94
 Hexachlorobutadiene
 Concen: 50.940 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	29.9	89.8
227	61.4	32.6	98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

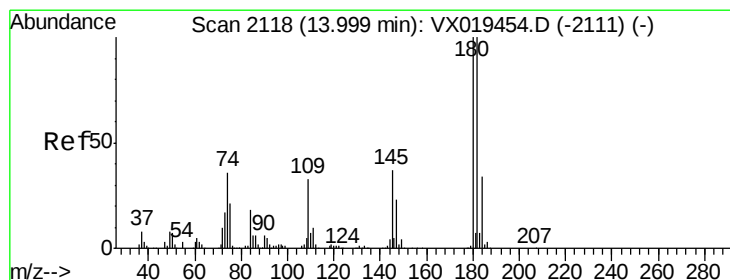
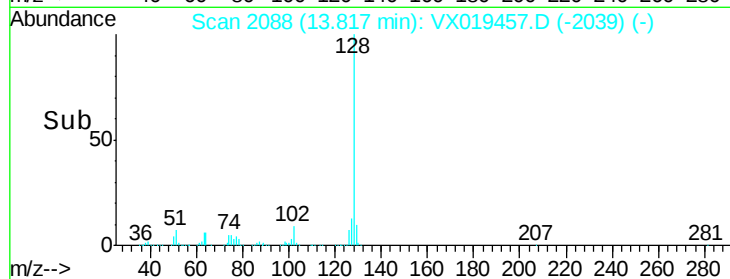
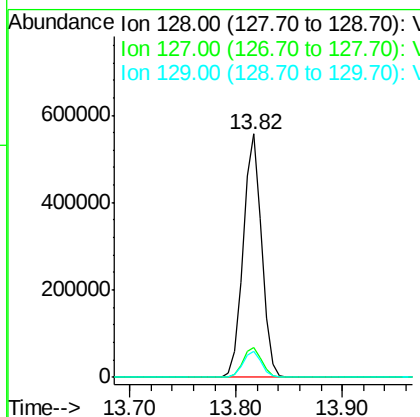
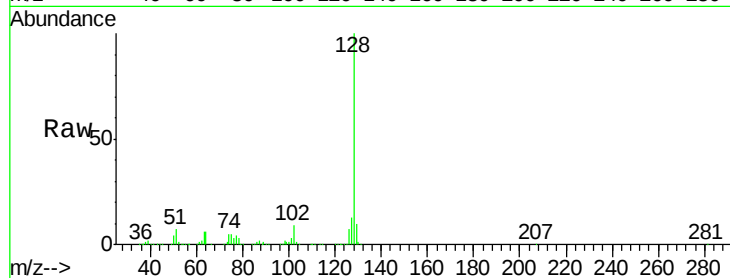




#95
Naphthalene
Concen: 47.960 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion:128 Resp: 675716
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.252 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion:180 Resp: 192101
Ion Ratio Lower Upper
180 100
182 93.9 49.0 147.0
145 34.4 17.6 52.8

