

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019473.D
 Acq On : 19 Nov 2020 18:08
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

Quant Time: Nov 20 01:35:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	48640	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	270312	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	252745	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	105905	30.29	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.97%
60) 4-Bromofluorobenzene	11.12	95	125162	30.36	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.20%
63) Toluene-d8	8.70	98	332638	29.53	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	50311	18.609	ug/l 99
3) Chloromethane	1.31	50	59246	19.709	ug/l 99
4) Vinyl Chloride	1.39	62	62264	18.794	ug/l 96
5) Bromomethane	1.62	94	26141	20.721	ug/l 99
6) Chloroethane	1.70	64	19066	20.241	ug/l 99
7) Trichlorofluoromethane	1.90	101	85885	18.195	ug/l 99
8) Diethyl Ether	2.17	74	34991	18.171	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48336	18.084	ug/l 99
10) 1,1-Dichloroethene	2.35	96	48808	18.125	ug/l 94
11) Methyl Iodide	2.48	142	53590	15.711	ug/l 99
12) Methyl Acetate	2.75	43	61729	19.118	ug/l 95
13) Acrolein	2.28	56	42879	88.813	ug/l 100
14) Acrylonitrile	3.12	53	151227	96.024	ug/l 100
15) Acetone	2.43	58	42078	92.013	ug/l 94
16) Carbon Disulfide	2.54	76	140238	19.675	ug/l 98
17) Allyl chloride	2.70	41	76266	18.840	ug/l 96
18) Methylene Chloride	2.83	84	59572	18.291	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	57341	19.066	ug/l 91
20) Diisopropyl ether	3.82	45	161725	18.606	ug/l 96
21) 1,1-Dichloroethane	3.67	63	96657	18.274	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	65040	18.685	ug/l 100
23) tert-Butyl Alcohol	3.04	59	69003	102.020	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	174261	18.821	ug/l 100
25) Chloroform	5.17	83	102462	18.443	ug/l 97
26) Cyclohexane	5.54	56	82970	18.324	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	75751	18.239	ug/l 99
30) 2-Butanone	4.64	43	196712	93.759	ug/l 99
31) 2,2-Dichloropropane	4.54	77	82513	17.675	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	87233	17.903	ug/l 99
33) Carbon Tetrachloride	5.75	117	73360	17.741	ug/l 99
34) Benzene	6.11	78	233345	18.083	ug/l 99
35) Methacrylonitrile	5.00	41	41172	19.028	ug/l 98
36) 1,2-Dichloroethane	6.16	62	79089	17.707	ug/l 99
37) Trichloroethene	7.18	130	62092	18.150	ug/l 99
38) Methylcyclohexane	7.43	83	89673	17.865	ug/l 98
39) 1,2-Dichloropropane	7.49	63	58081	18.229	ug/l 97
40) Dibromomethane	7.63	93	40815	18.416	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	76955	17.668	ug/l	98
42) Vinyl Acetate	3.78	43	693360	91.876	ug/l	99
43) Ethyl Acetate	4.79	43	75717	18.750	ug/l	99
44) Isopropyl Acetate	6.42	43	120576	18.397	ug/l	100
45) 1,4-Dioxane	7.72	88	28652	390.000	ug/l	98
46) Methyl methacrylate	7.74	41	59688	18.607	ug/l	96
47) n-amyl Acetate	10.88	43	100189	18.318	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	86640	18.319	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	94676	18.122	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	60494	18.226	ug/l	95
51) Ethyl methacrylate	9.16	69	88364	18.603	ug/l	99
52) 1,3-Dichloropropane	9.35	76	101429	18.298	ug/l	98
53) Dibromochloromethane	9.56	129	60435	18.268	ug/l	98
54) 1,2-Dibromoethane	9.65	107	63332	18.456	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	245238	93.830	ug/l	99
56) Bromoform	10.84	173	41968	17.902	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	379485	93.984	ug/l	99
59) 2-Hexanone	9.48	43	288550	92.654	ug/l	99
61) Tetrachloroethene	9.32	164	59691	18.123	ug/l	97
62) Toluene	8.76	91	255193	18.051	ug/l	99
64) Chlorobenzene	10.12	112	160685	18.662	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	56760	17.907	ug/l	99
66) Ethyl Benzene	10.23	91	281133	18.149	ug/l	96
67) m/p-Xylenes	10.34	106	215014	37.062	ug/l	100
68) o-Xylene	10.68	106	102913	18.715	ug/l	98
69) Styrene	10.70	104	173119	18.477	ug/l	99
70) Isopropylbenzene	11.00	105	277074	18.587	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	92126	18.102	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	105580	23.077	ug/l	88
73) Bromobenzene	11.24	156	68027	18.296	ug/l	98
74) n-propylbenzene	11.34	91	321020	18.520	ug/l	98
75) 2-Chlorotoluene	11.40	91	194106	18.677	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	232861	18.435	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	28109	17.926	ug/l	97
78) 4-Chlorotoluene	11.49	91	224952	18.518	ug/l	100
79) tert-butylbenzene	11.76	119	222711	18.382	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	233131	18.366	ug/l	100
81) sec-Butylbenzene	11.93	105	267053	18.362	ug/l	99
82) p-Isopropyltoluene	12.05	119	241245	18.241	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	123345	17.984	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	130160	18.755	ug/l	99
85) n-Butylbenzene	12.37	91	213543	17.694	ug/l	99
86) Hexachloroethane	12.58	117	38038	17.088	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	123490	18.210	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19232	17.979	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	84871	18.752	ug/l	98
90) Hexachlorobutadiene	13.76	225	36542	17.961	ug/l	94
91) Naphthalene	13.82	128	268280	18.634	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	83253	18.399	ug/l	99

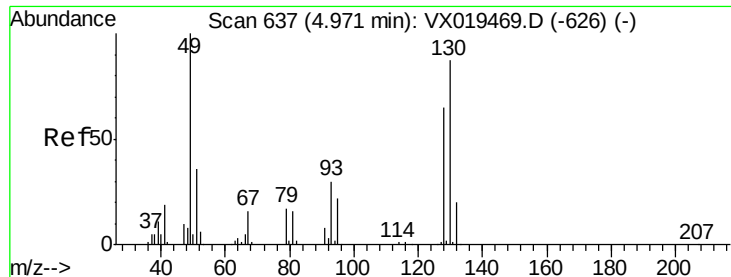
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

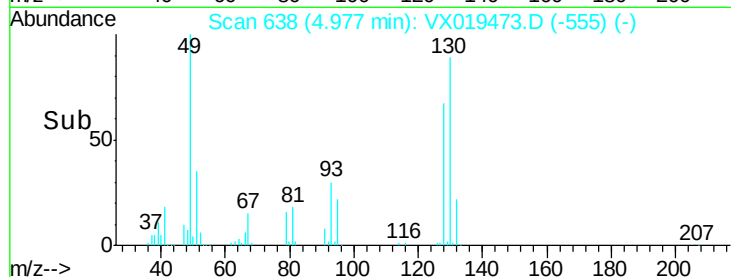
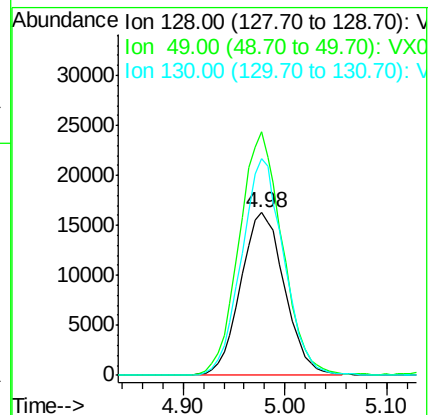
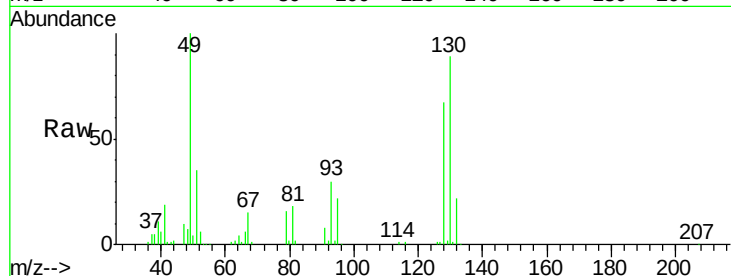
Tot Ion:128 Resp: 48640

Ion Ratio Lower Upper

128 100

49 147.4 0.0 377.8

130 128.7 0.0 324.0



#2

Dichlorodifluoromethane

Concen: 18.609 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019473.D

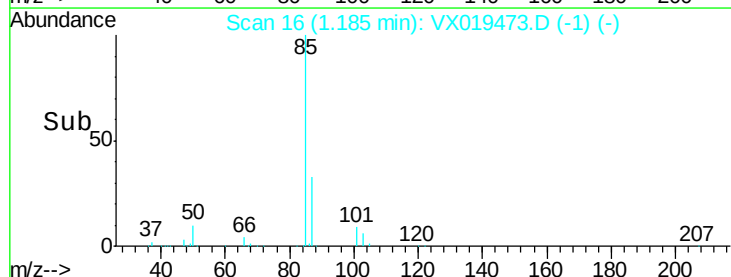
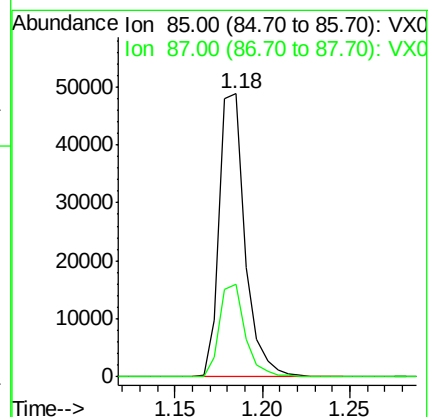
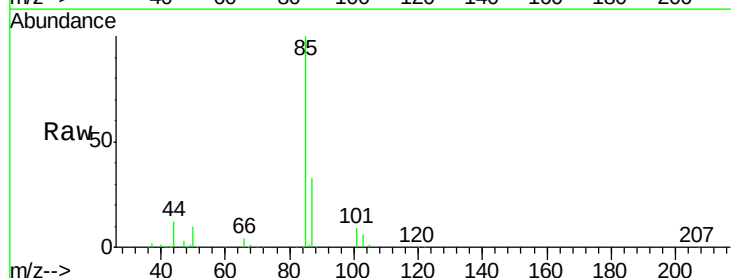
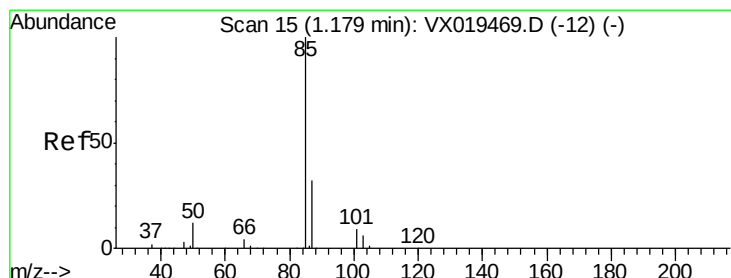
Acq: 19 Nov 2020 18:08

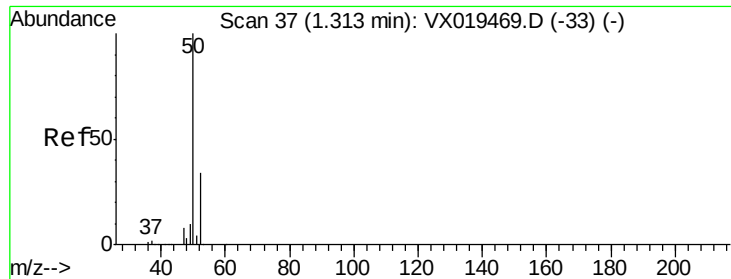
Tgt Ion: 85 Resp: 50311

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9





#3

Chloromethane

Concen: 19.709 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

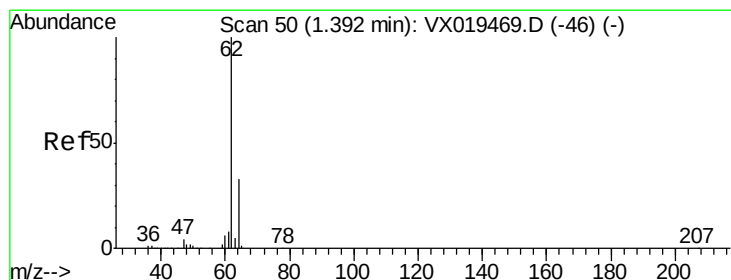
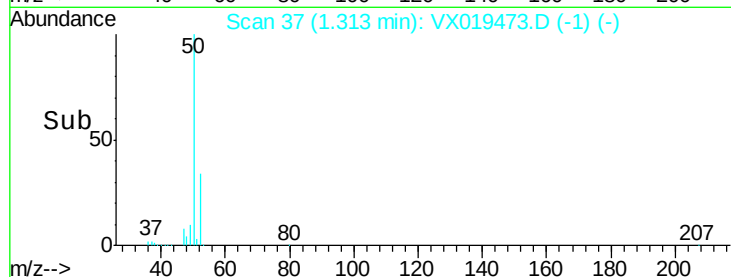
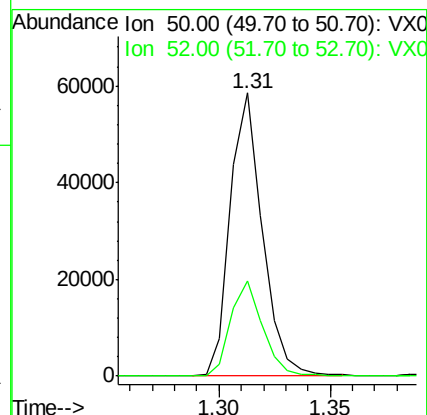
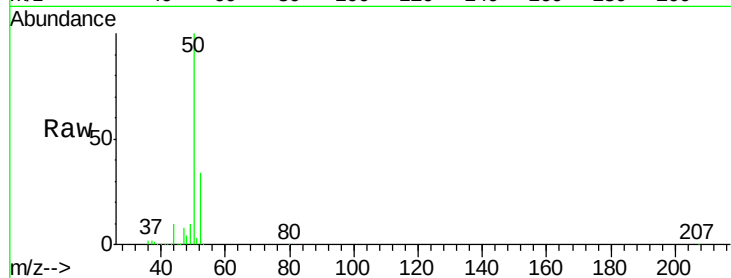
ICVVX112020

Tot Ion: 50 Resp: 59246

Ion Ratio Lower Upper

50 100

52 33.8 27.5 41.3



#4

Vinyl Chloride

Concen: 18.794 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019473.D

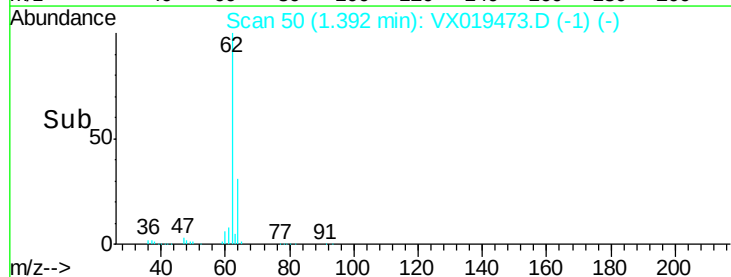
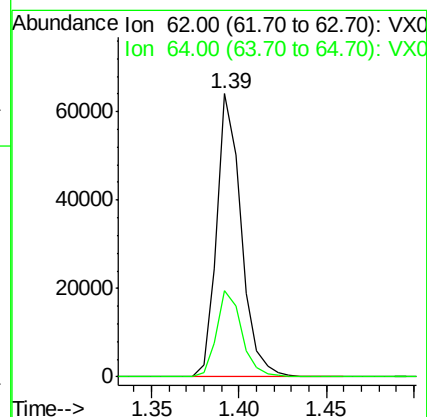
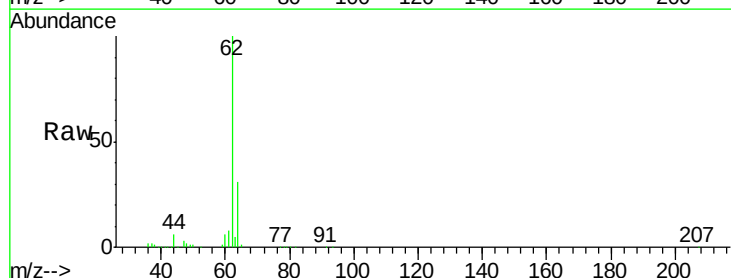
Acq: 19 Nov 2020 18:08

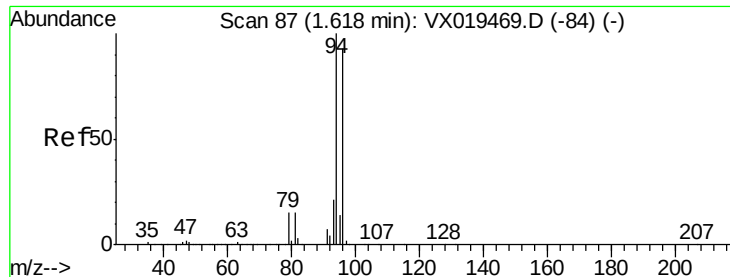
Tgt Ion: 62 Resp: 62264

Ion Ratio Lower Upper

62 100

64 30.7 26.4 39.6





#5

Bromomethane

Concen: 20.721 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

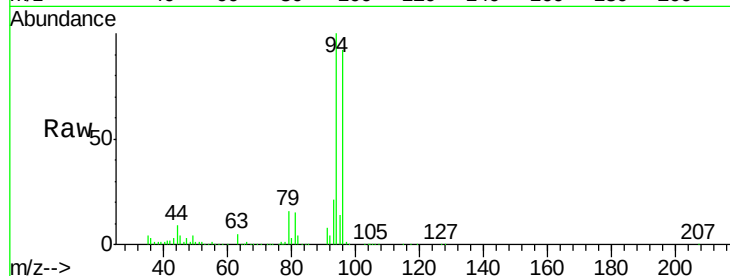
ICVVX112020

Tot Ion: 94 Resp: 26141

Ion Ratio Lower Upper

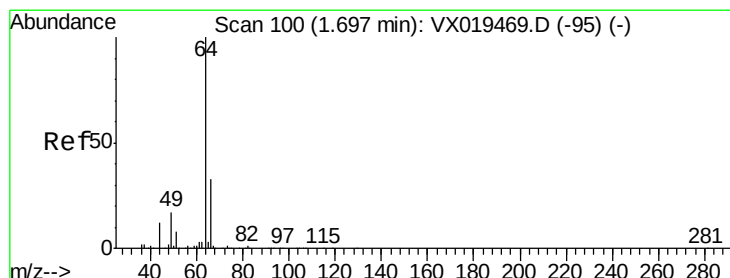
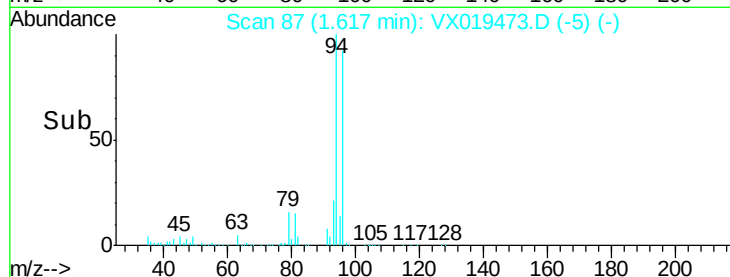
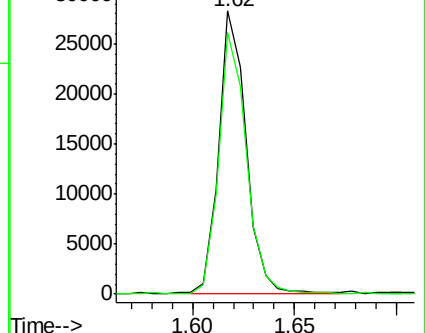
94 100

96 92.3 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.241 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX019473.D

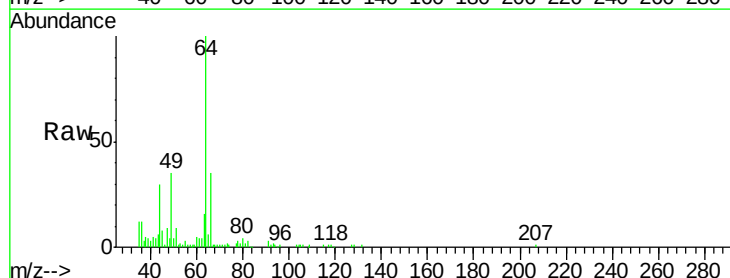
Acq: 19 Nov 2020 18:08

Tgt Ion: 64 Resp: 19066

Ion Ratio Lower Upper

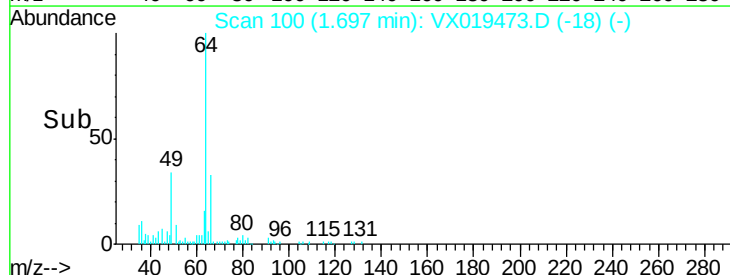
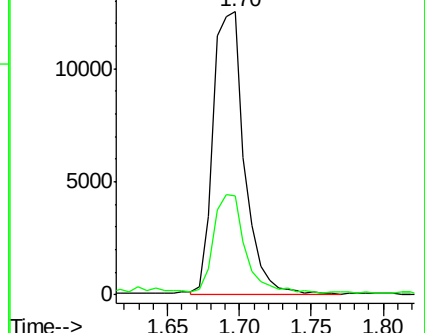
64 100

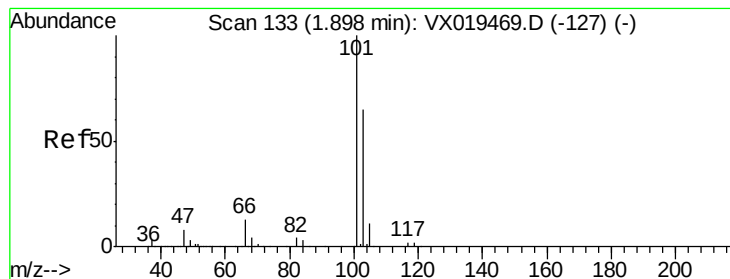
66 34.1 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



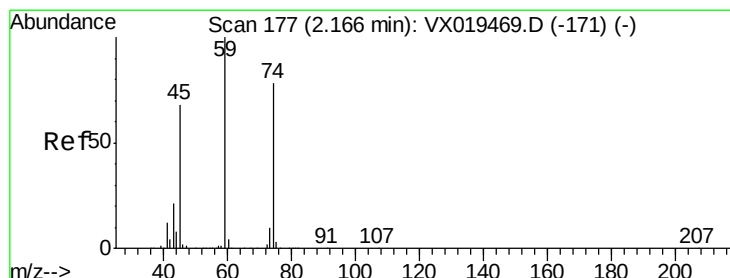
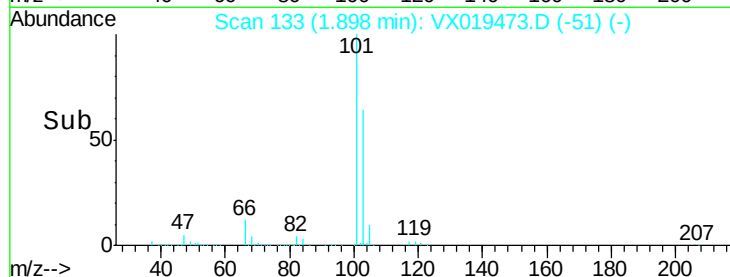
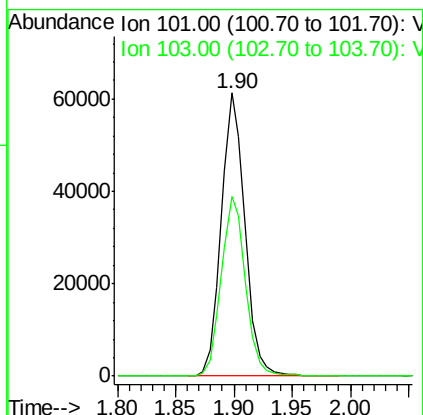
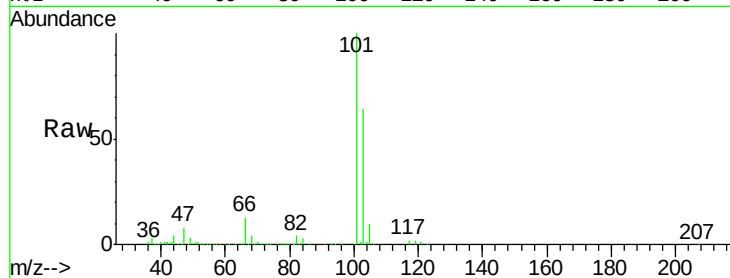


#7

Trichlorofluoromethane
 Concen: 18.195 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019473.D
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Instrument :
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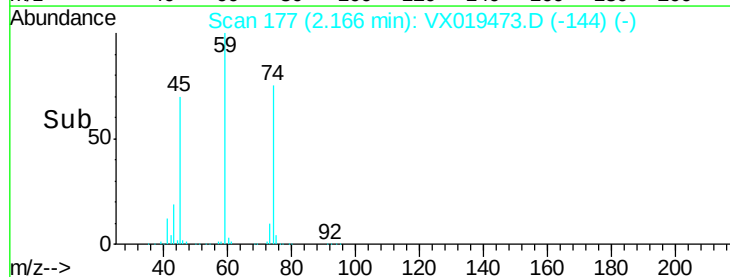
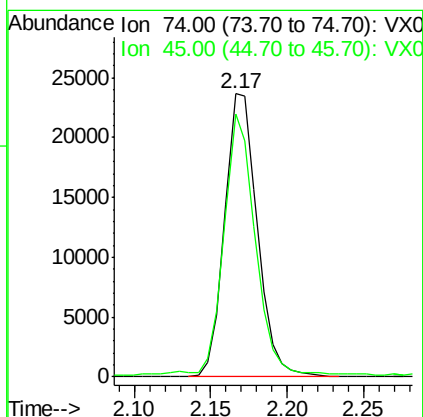
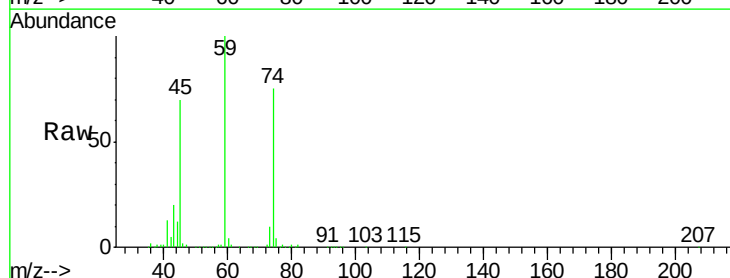
Tot Ion:101 Resp: 85885
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.6

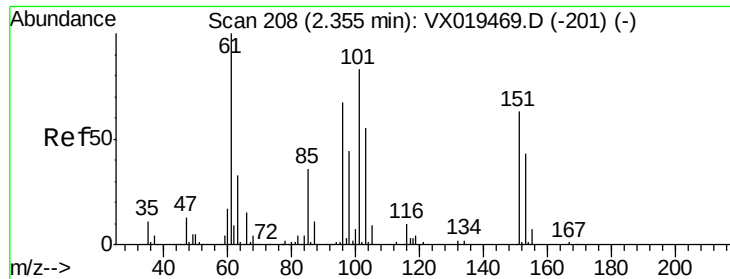


#8

Diethyl Ether
 Concen: 18.171 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion: 74 Resp: 34991
 Ion Ratio Lower Upper
 74 100
 45 87.6 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.084 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

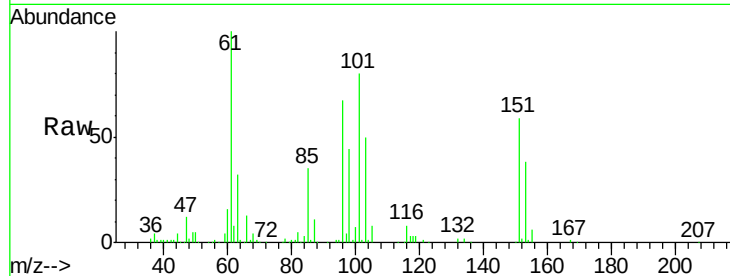
Tot Ion:101 Resp: 48336

Ion Ratio Lower Upper

101 100

85 44.4 0.0 88.8

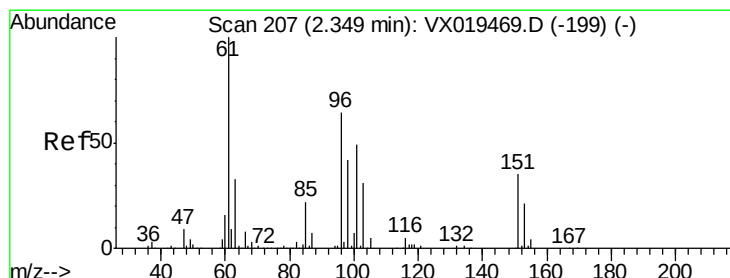
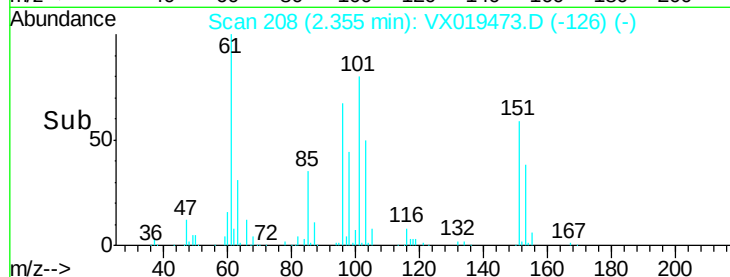
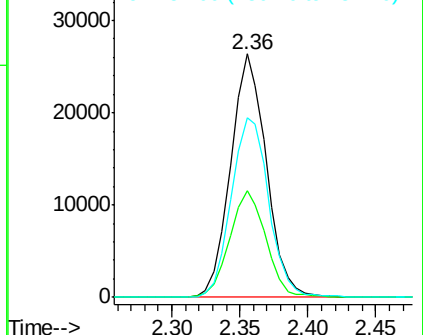
151 77.6 0.0 153.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.125 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

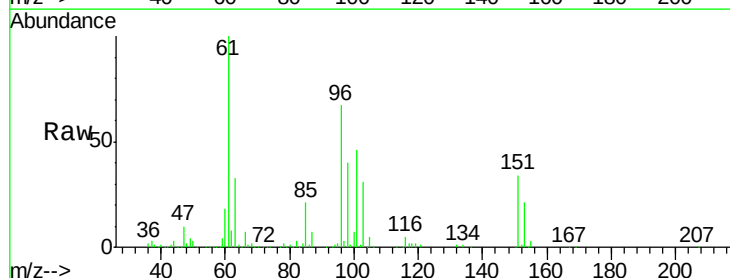
Tgt Ion: 96 Resp: 48808

Ion Ratio Lower Upper

96 100

61 149.5 125.4 188.2

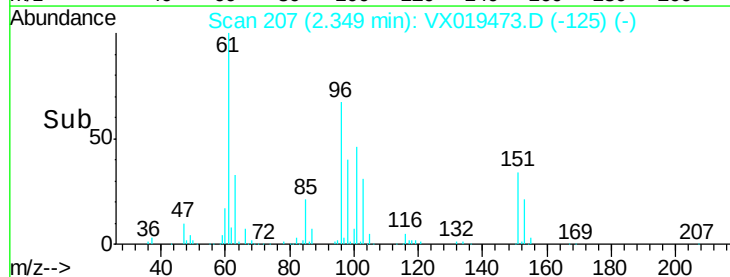
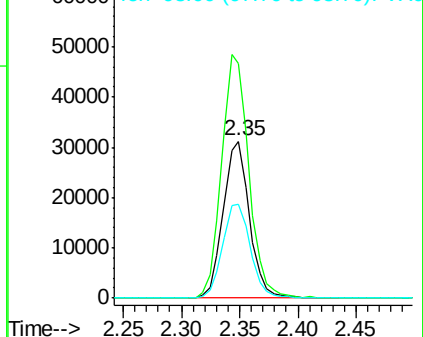
98 60.0 52.4 78.6

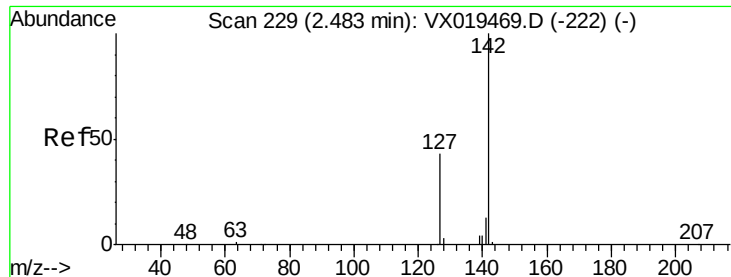


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

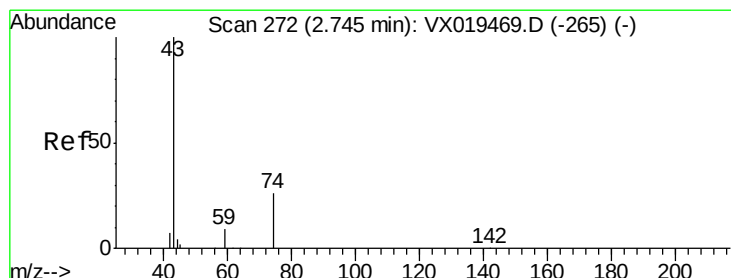
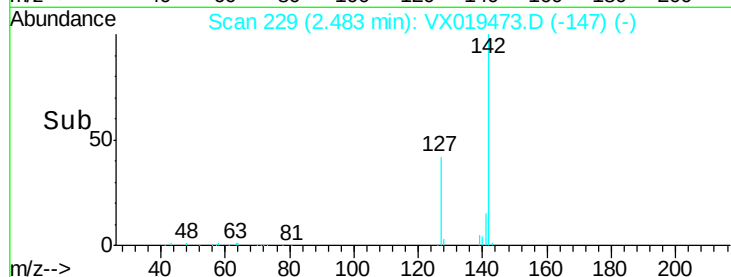
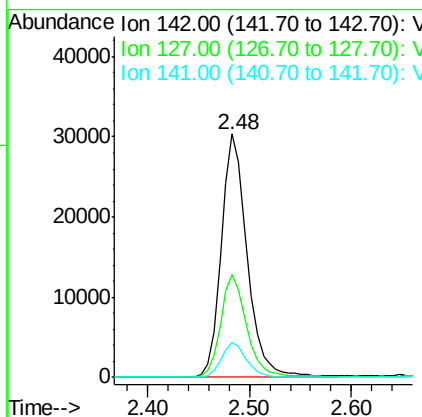
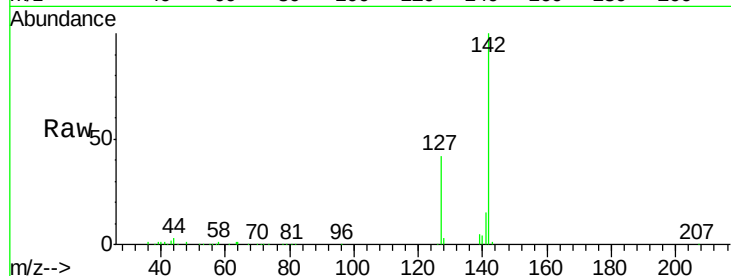




#11
Methvl Iodide
Concen: 15.711 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

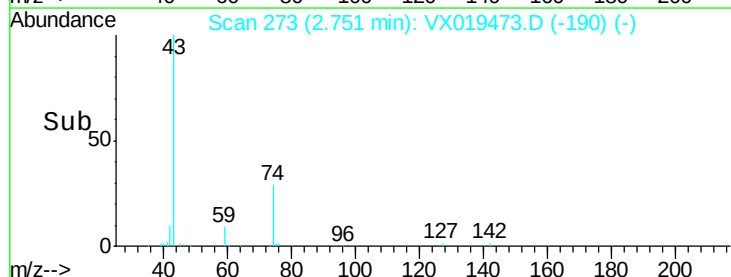
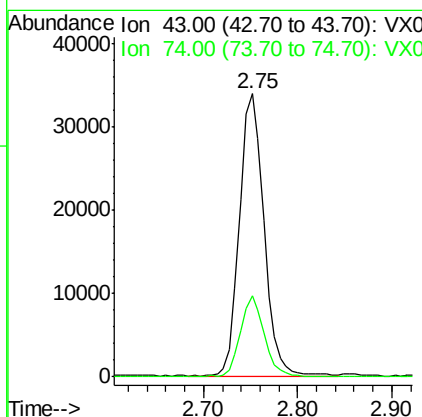
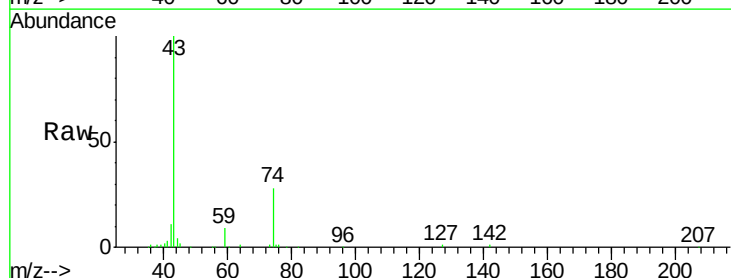
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

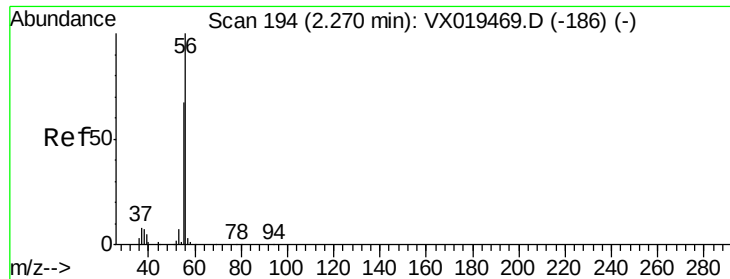
Tot Ion:142 Resp: 53590
Ion Ratio Lower Upper
142 100
127 42.3 21.3 64.0
141 14.6 6.7 20.0



#12
Methyl Acetate
Concen: 19.118 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion: 43 Resp: 61729
Ion Ratio Lower Upper
43 100
74 28.4 20.7 31.1





#13

Acrolein

Concen: 88.813 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

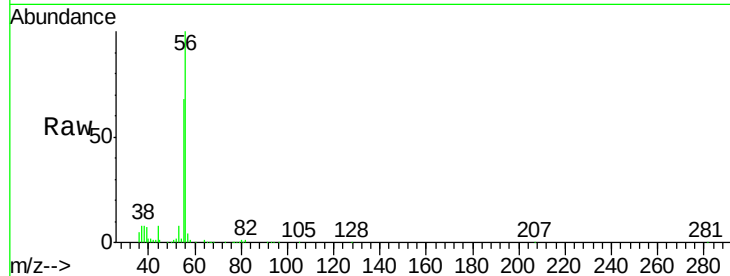
ICVVX112020

Tot Ion: 56 Resp: 42879

Ion Ratio Lower Upper

56 100

55 70.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

30000

25000

20000

15000

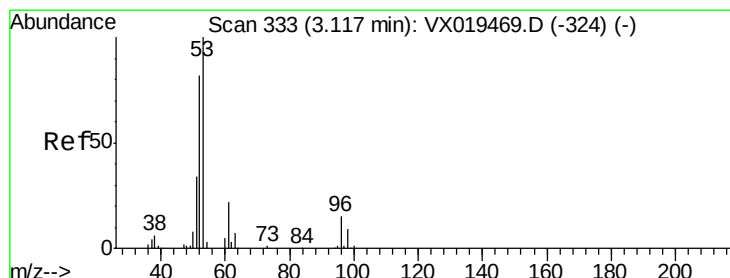
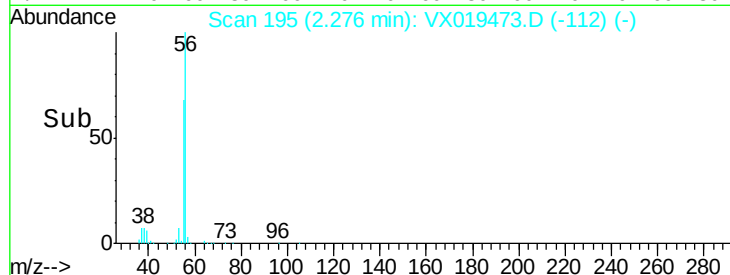
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 96.024 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

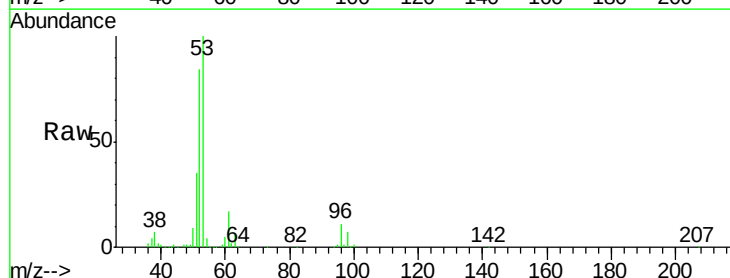
Tgt Ion: 53 Resp: 151227

Ion Ratio Lower Upper

53 100

52 82.2 41.3 123.7

51 35.8 17.8 53.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

80000

60000

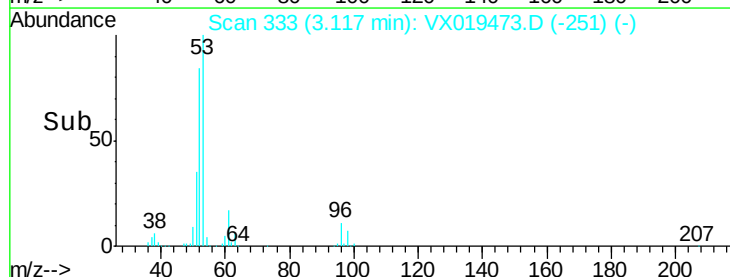
40000

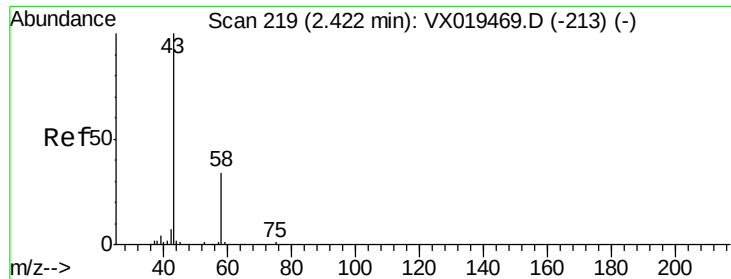
20000

0

Time-->

3.00 3.10 3.20





#15

Acetone

Concen: 92.013 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

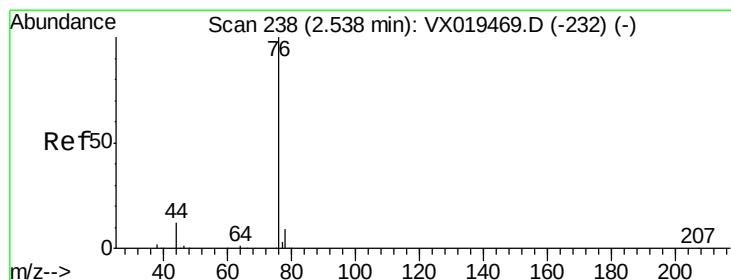
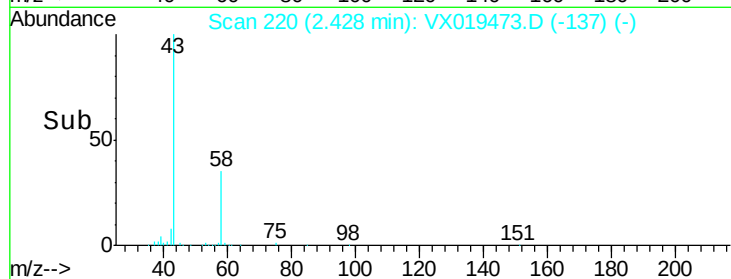
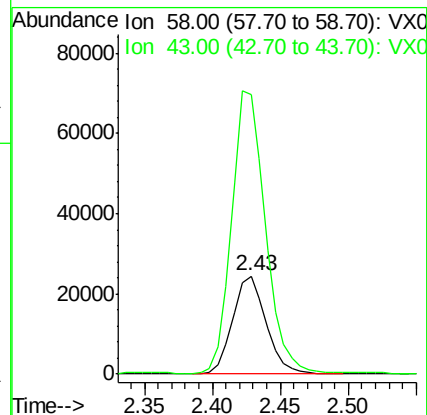
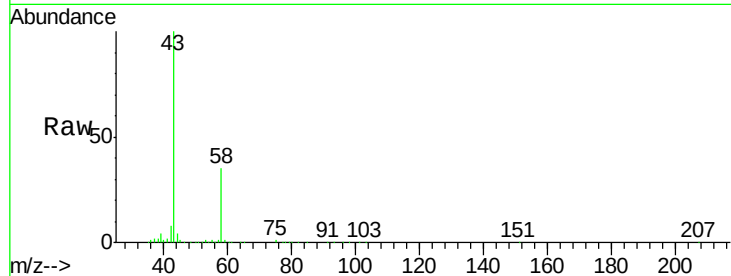
ICVVX112020

Tot Ion: 58 Resp: 42078

Ion Ratio Lower Upper

58 100

43 284.0 236.3 354.5



#16

Carbon Disulfide

Concen: 19.675 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VX019473.D

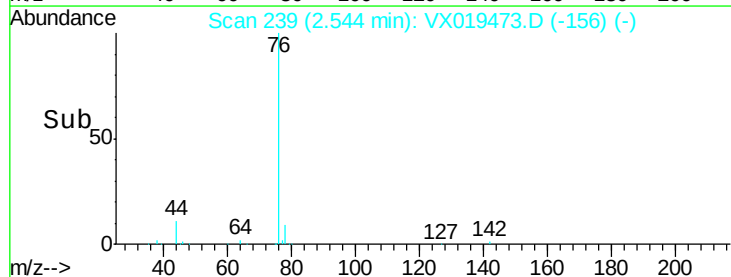
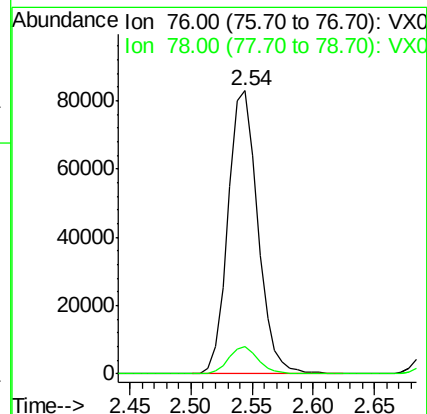
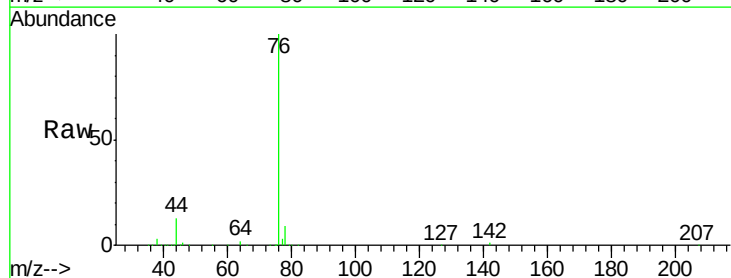
Acq: 19 Nov 2020 18:08

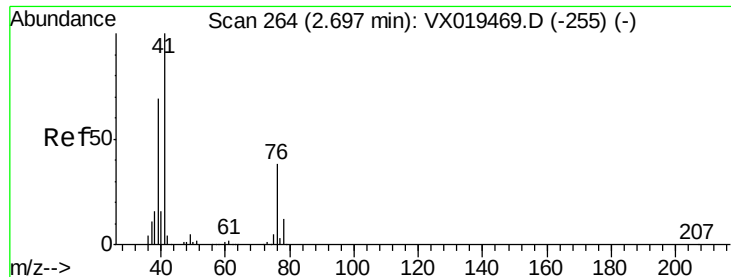
Tgt Ion: 76 Resp: 140238

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





#17

Allvl chloride

Concen: 18.840 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

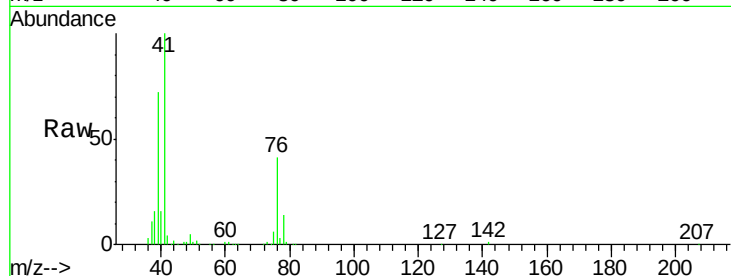
Tot Ion: 41 Resp: 76266

Ion Ratio Lower Upper

41 100

39 71.7 34.5 103.6

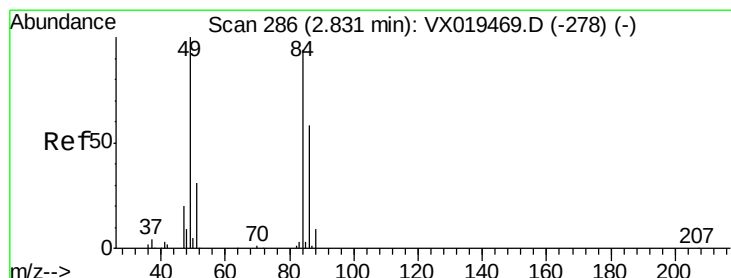
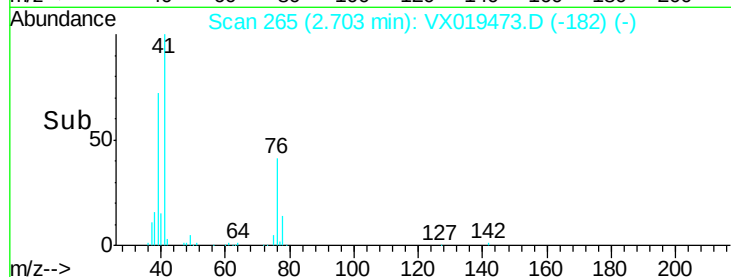
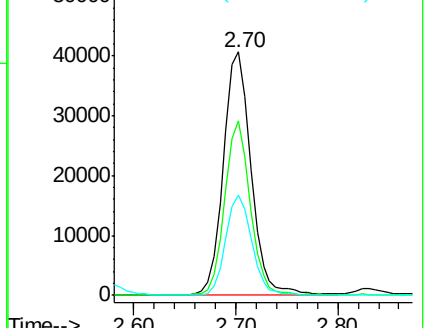
76 41.3 19.3 57.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 18.291 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Tgt Ion: 84 Resp: 59572

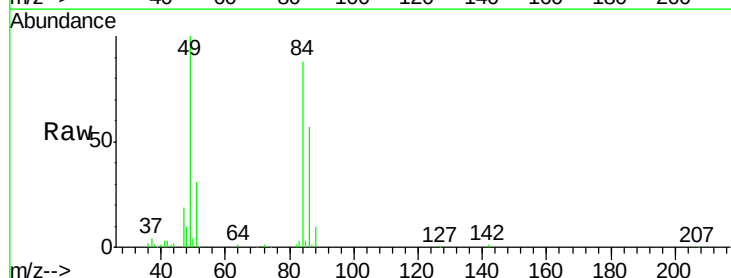
Ion Ratio Lower Upper

84 100

49 113.7 85.4 128.0

51 34.9 26.7 40.1

86 64.7 49.4 74.2

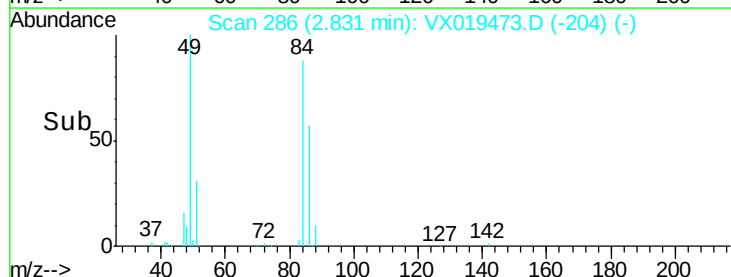
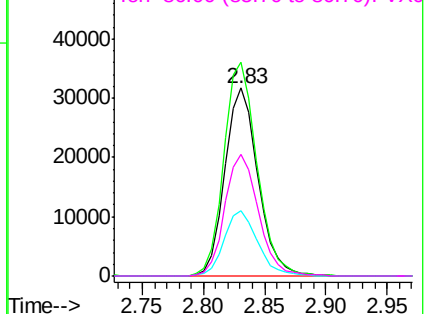


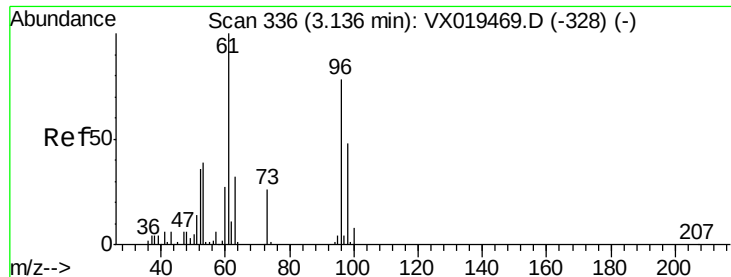
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.066 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

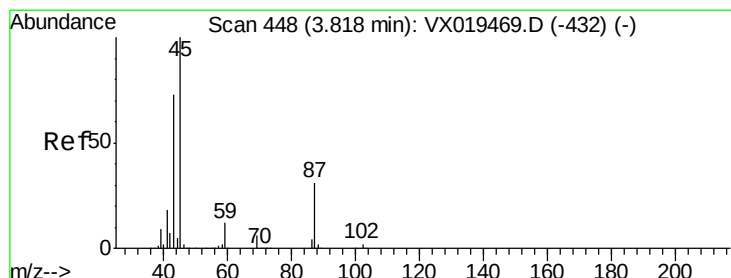
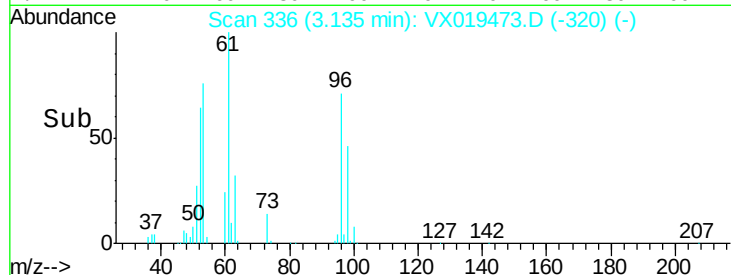
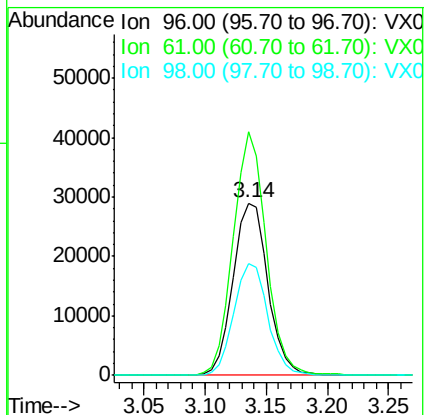
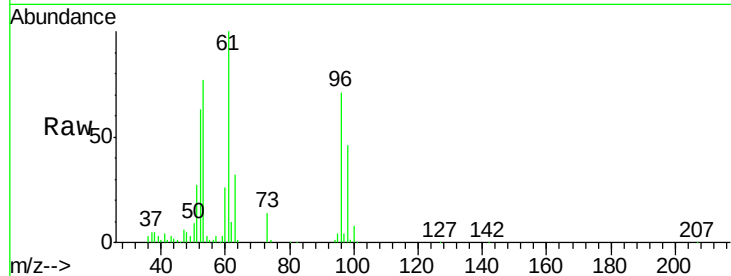
Tot Ion: 96 Resp: 57341

Ion Ratio Lower Upper

96 100

61 141.2 103.2 154.8

98 65.2 49.2 73.8



#20

Diisopropyl ether

Concen: 18.606 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Tgt Ion: 45 Resp: 161725

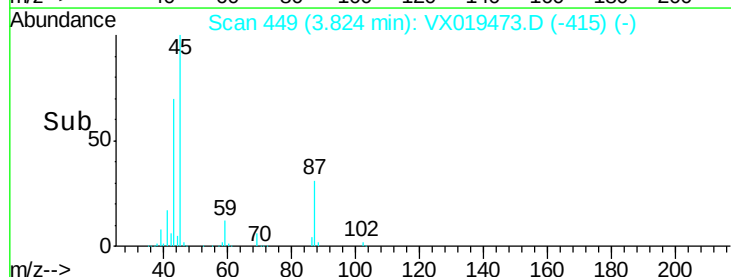
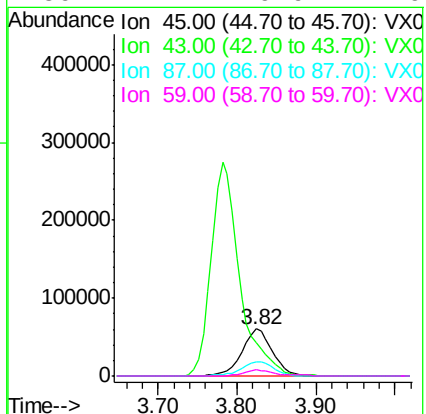
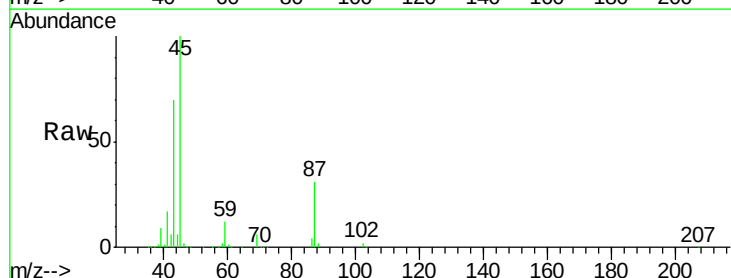
Ion Ratio Lower Upper

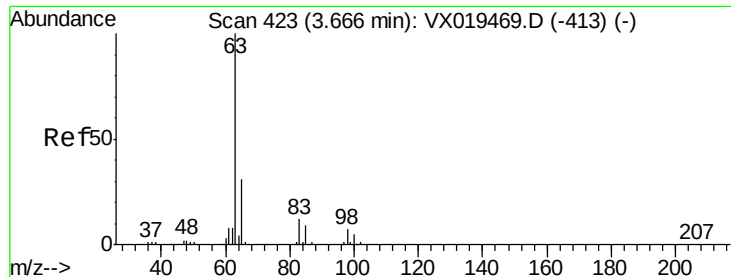
45 100

43 68.7 58.7 88.1

87 31.4 24.5 36.7

59 12.4 9.9 14.9





#21

1,1-Dichloroethane

Concen: 18.274 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

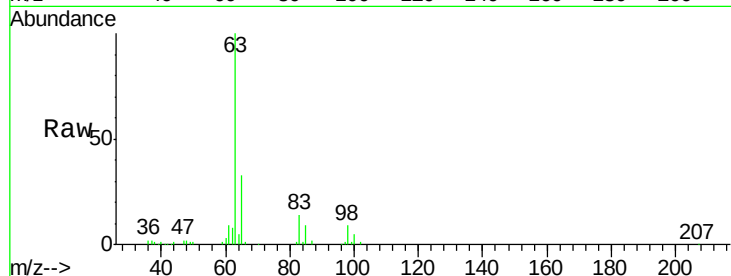
Tot Ion: 63 Resp: 96657

Ion Ratio Lower Upper

63 100

98 8.6 3.8 11.2

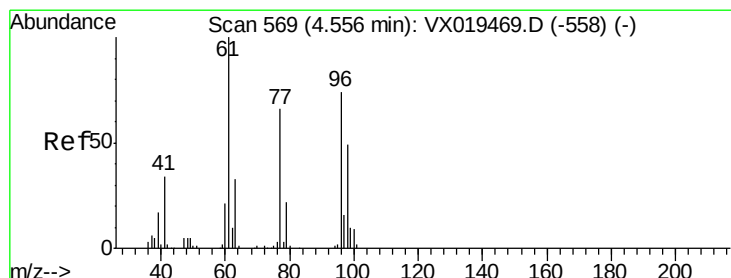
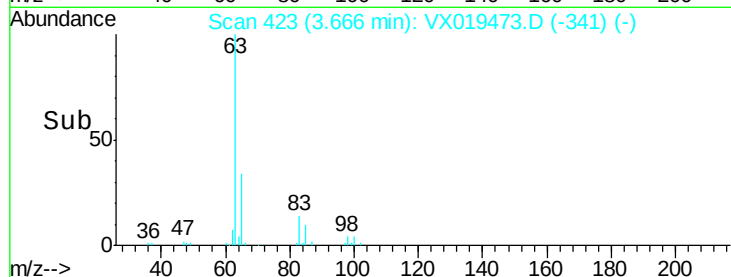
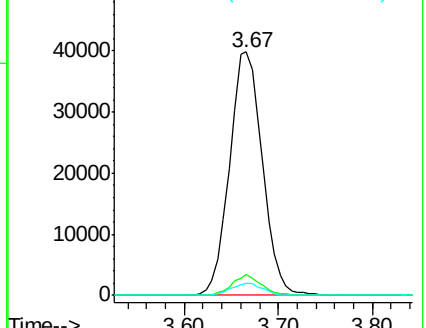
100 4.8 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.685 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

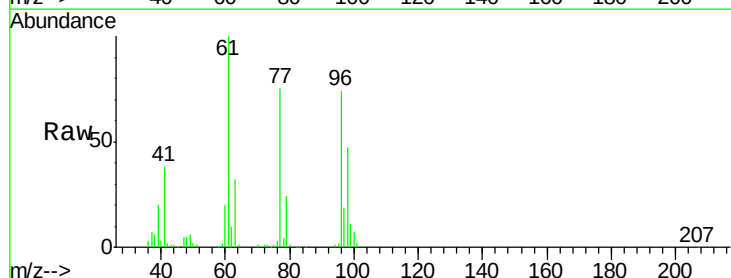
Tgt Ion: 96 Resp: 65040

Ion Ratio Lower Upper

96 100

61 142.4 114.2 171.2

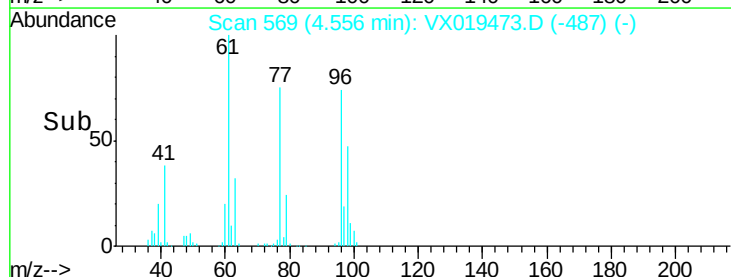
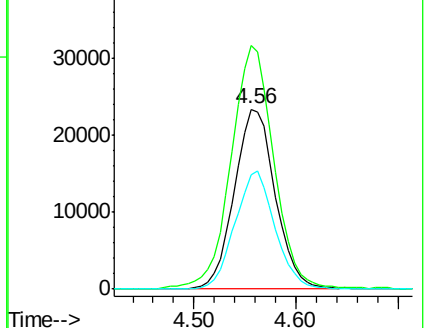
98 64.3 51.7 77.5

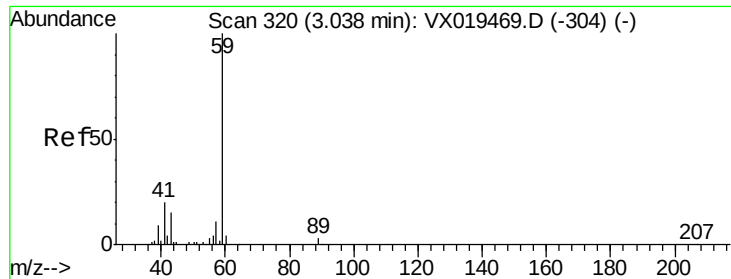


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



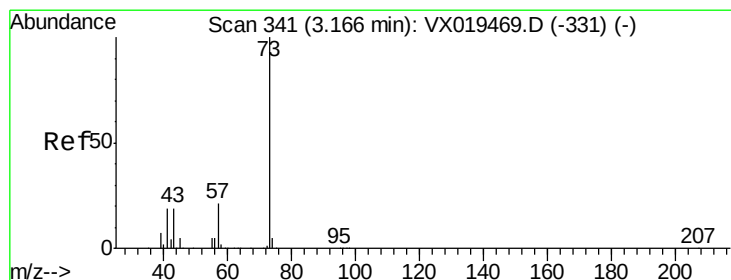
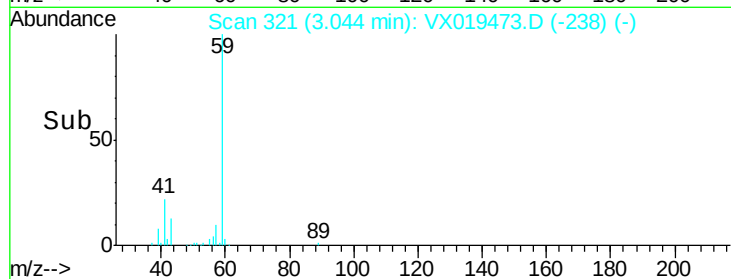
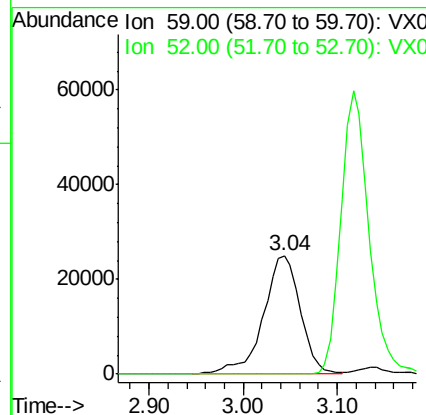
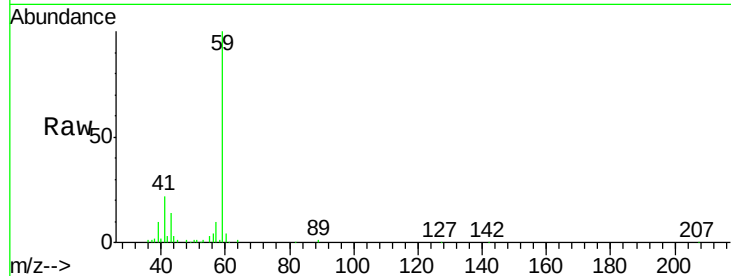


#23

tert-Butyl Alcohol
Concen: 102.020 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

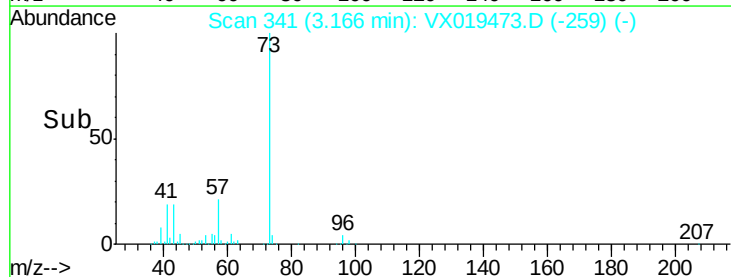
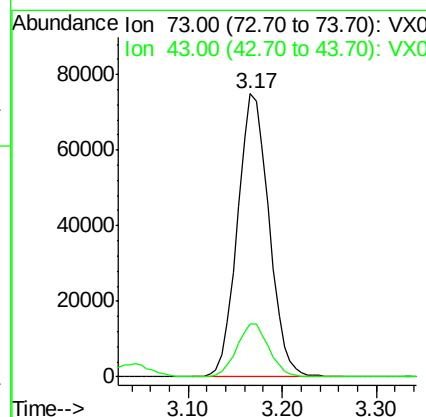
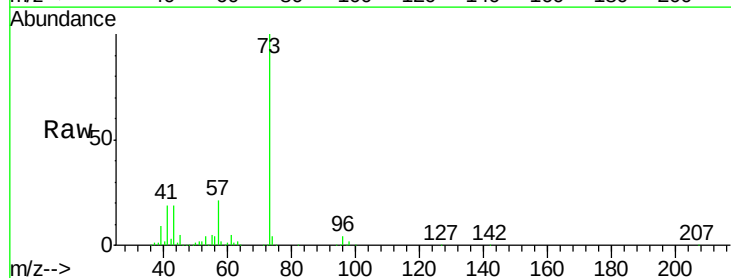
Tot Ion: 59 Resp: 69003
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#

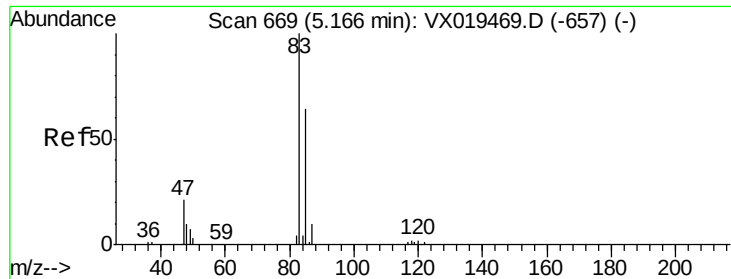


#24

Methyl tert-Butyl Ether
Concen: 18.821 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion: 73 Resp: 174261
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.6





#25

Chloroform

Concen: 18.443 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

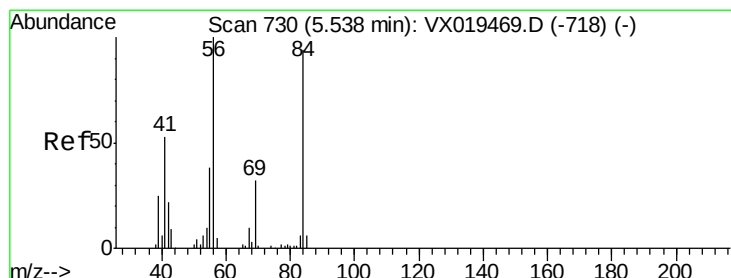
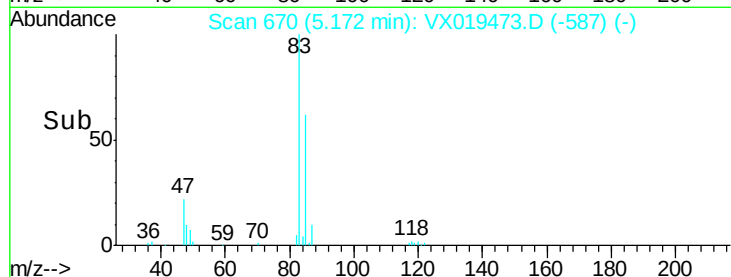
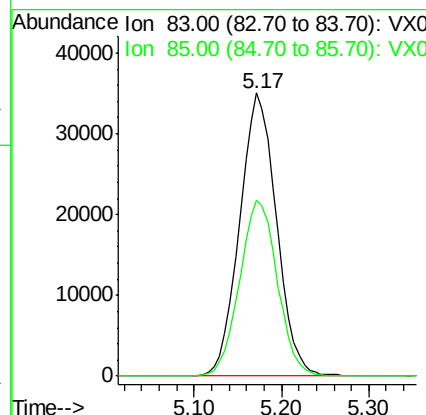
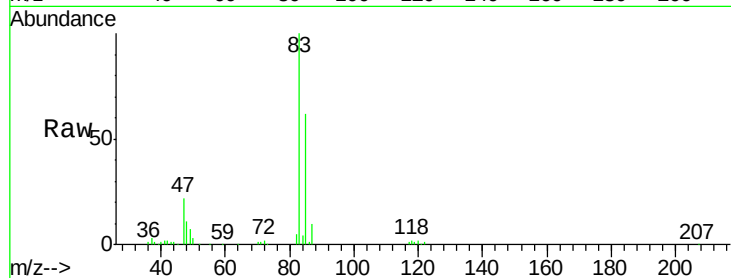
ICVVX112020

Tot Ion: 83 Resp: 102462

Ion Ratio Lower Upper

83 100

85 62.1 51.4 77.0



#26

Cyclohexane

Concen: 18.324 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

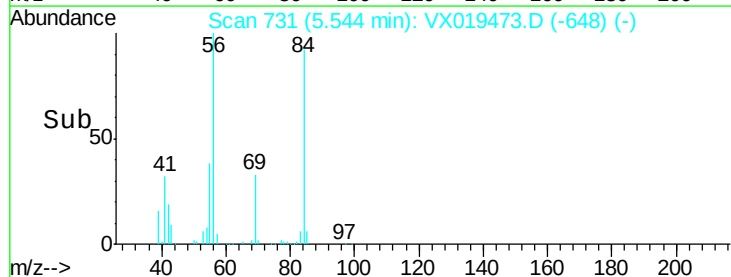
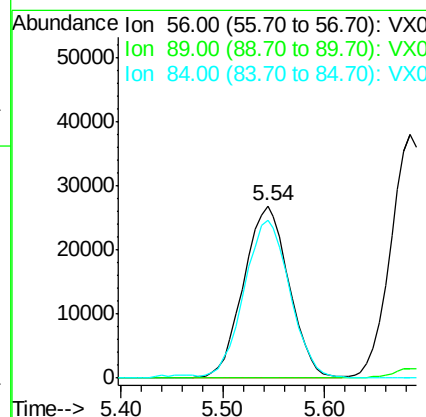
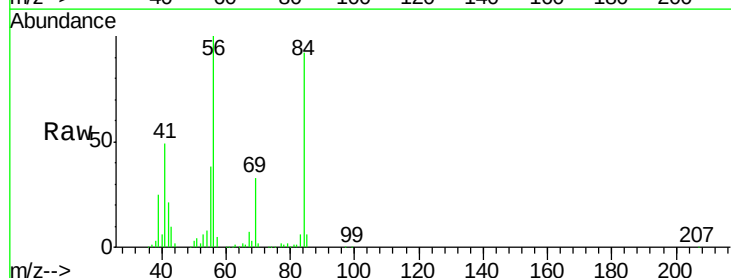
Tgt Ion: 56 Resp: 82970

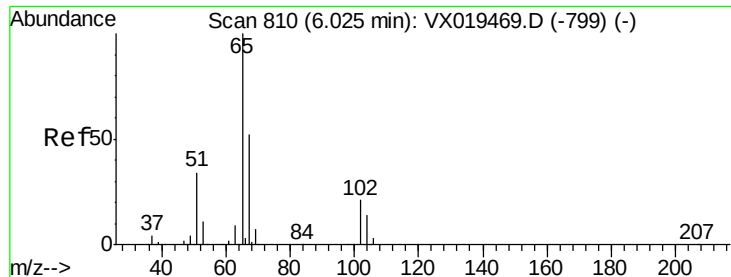
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.8 75.2 112.8





#27

1,2-Dichloroethane-d4

Concen: 30.295 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

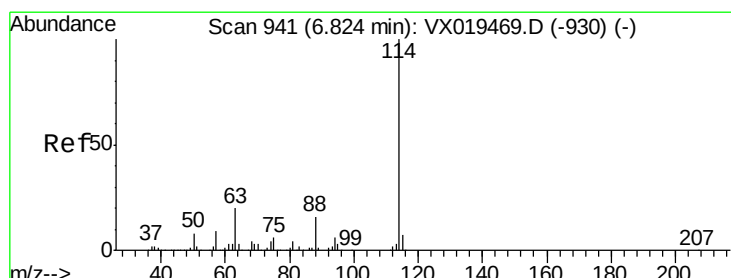
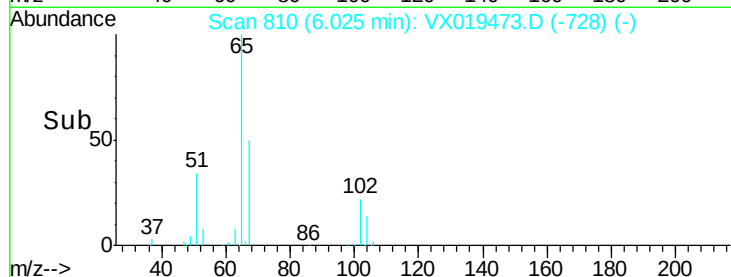
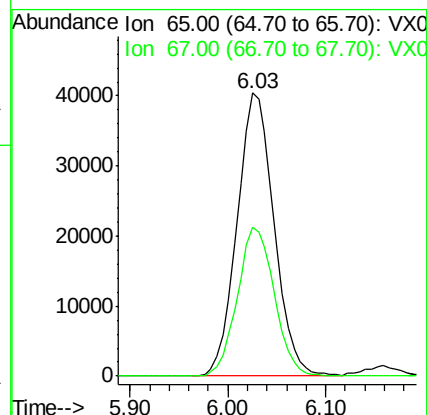
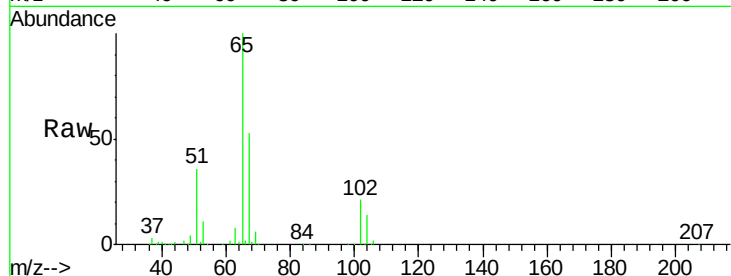
ICVVX112020

Tot Ion: 65 Resp: 105905

Ion Ratio Lower Upper

65 100

67 52.6 42.2 63.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

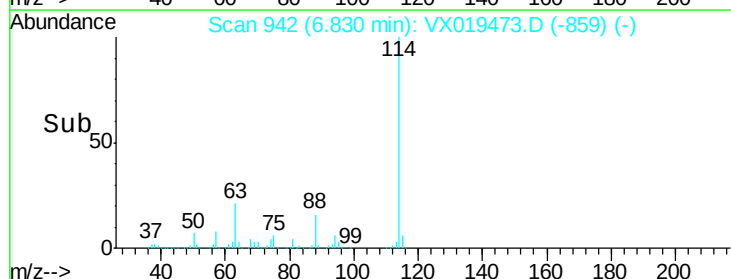
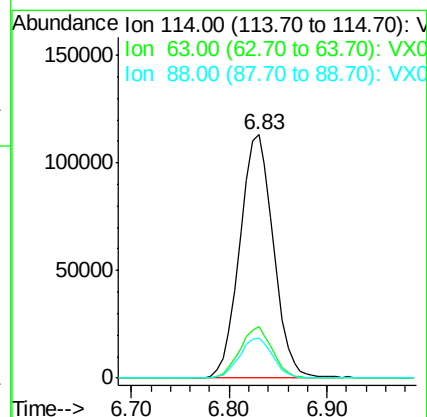
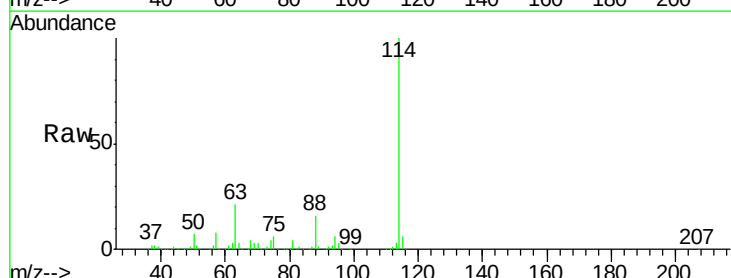
Tgt Ion: 114 Resp: 270312

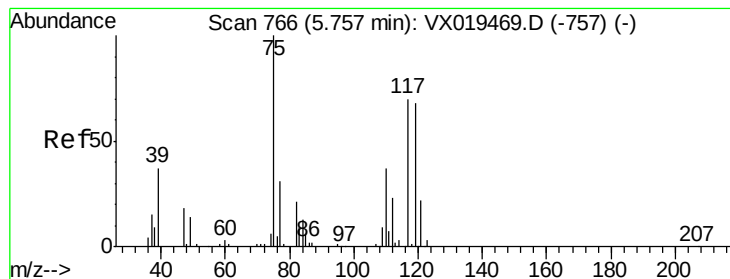
Ion Ratio Lower Upper

114 100

63 20.3 16.2 24.2

88 16.2 12.9 19.3





#29

1,1-Dichloropropene

Concen: 18.239 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

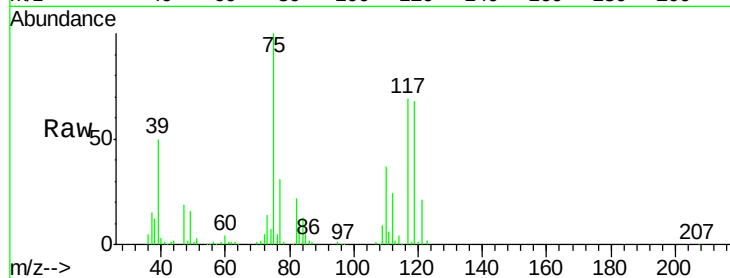
Tot Ion: 75 Resp: 75751

Ion Ratio Lower Upper

75 100

110 36.3 0.0 74.0

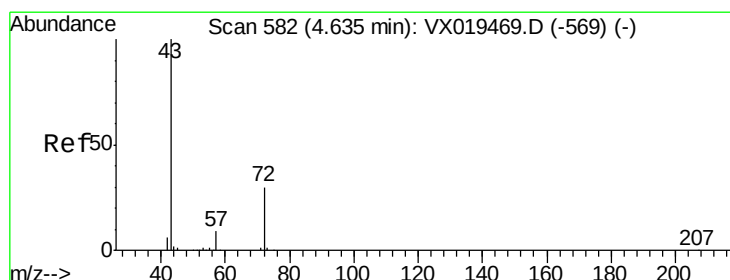
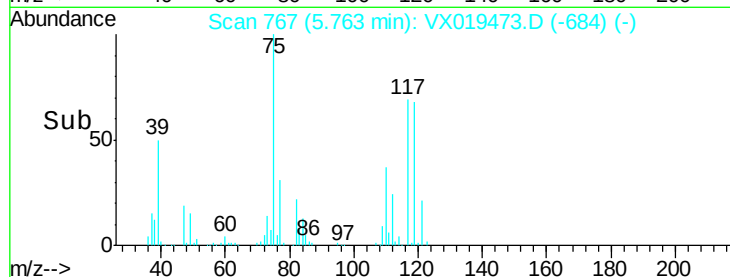
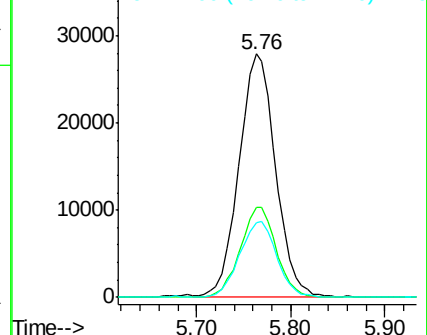
77 31.7 0.0 63.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 93.759 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

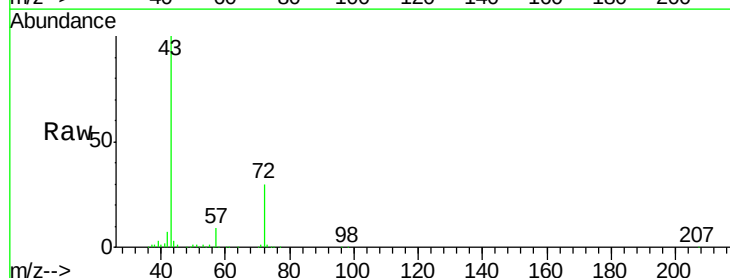
Tgt Ion: 43 Resp: 196712

Ion Ratio Lower Upper

43 100

57 9.2 7.4 11.0

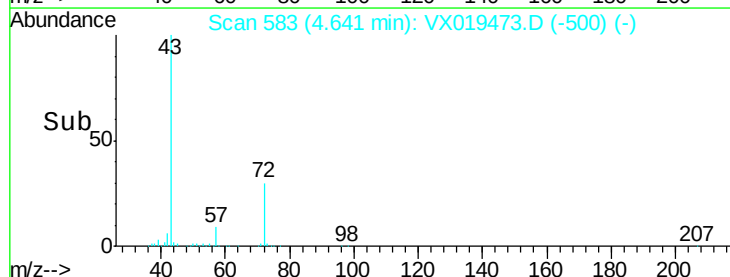
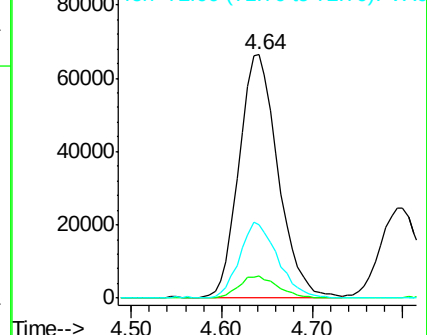
72 30.6 24.2 36.2

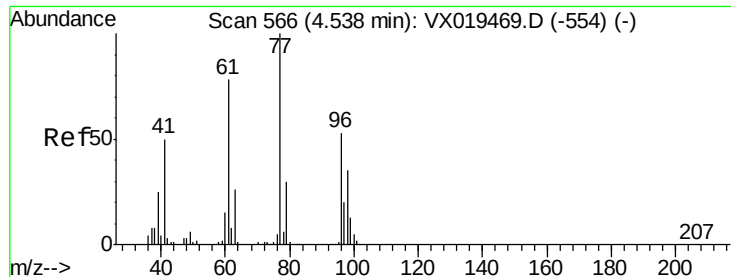


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 17.675 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

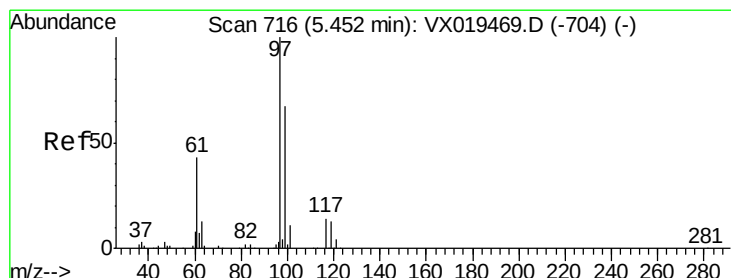
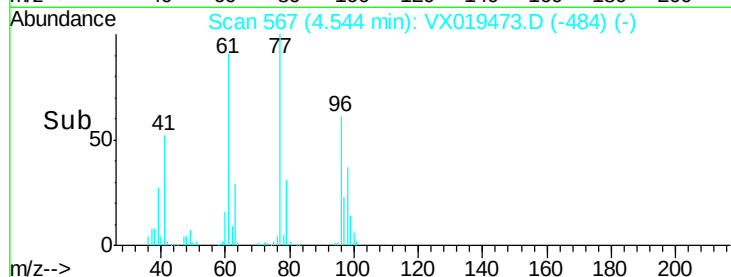
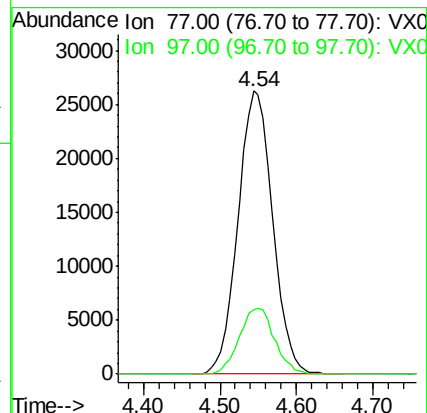
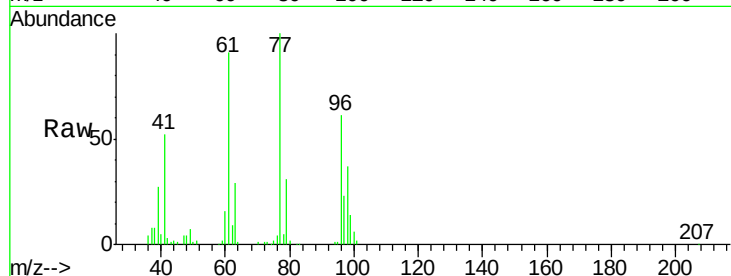
ICVVX112020

Tot Ion: 77 Resp: 82513

Ion Ratio Lower Upper

77 100

97 23.7 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 17.903 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

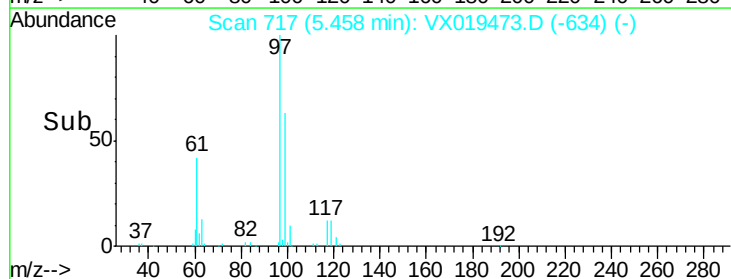
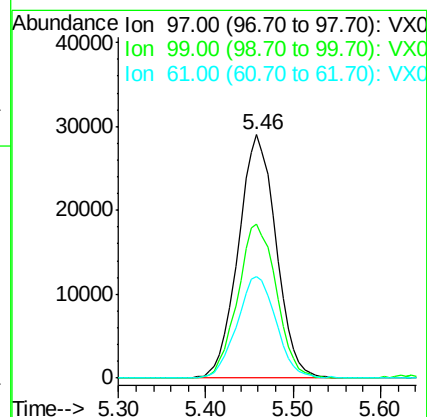
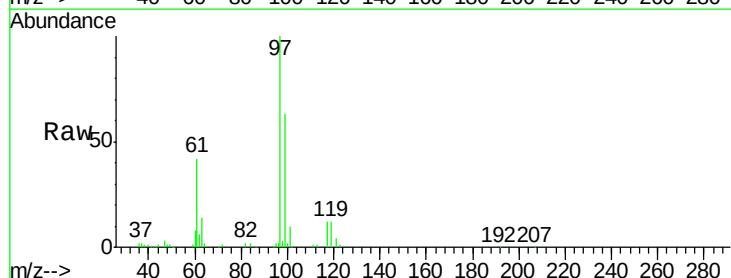
Tgt Ion: 97 Resp: 87233

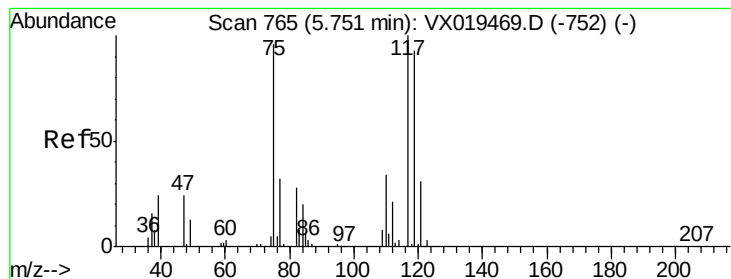
Ion Ratio Lower Upper

97 100

99 64.8 52.3 78.5

61 43.0 34.9 52.3





#33

Carbon Tetrachloride

Concen: 17.741 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

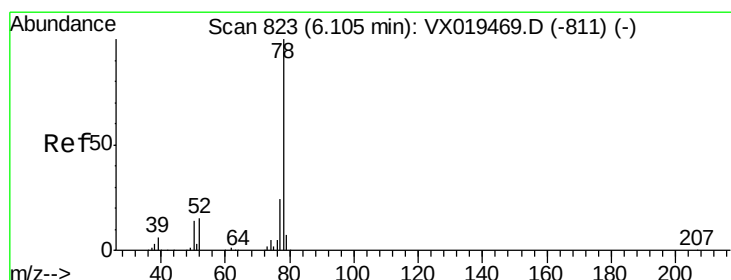
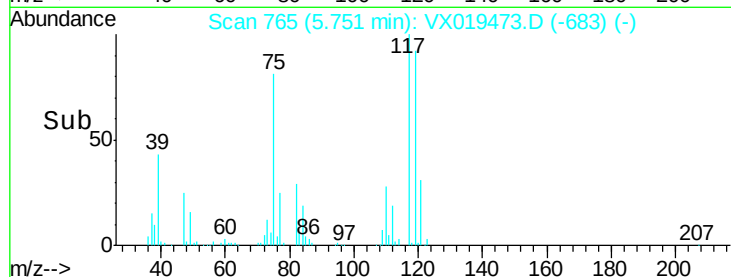
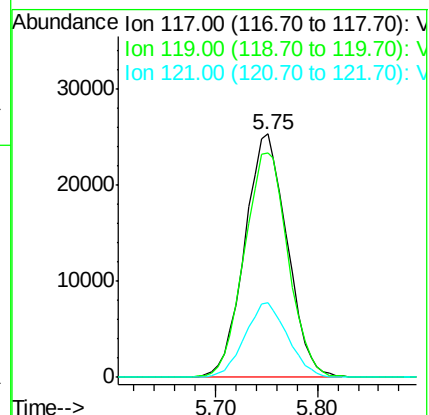
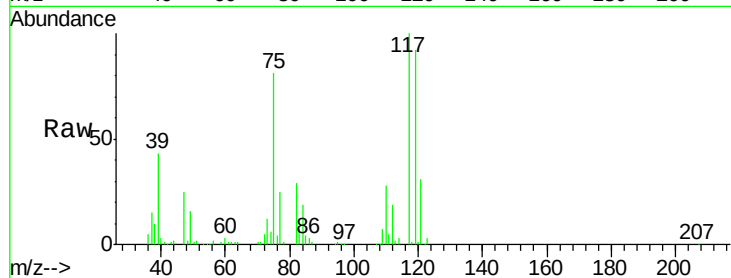
Tot Ion:117 Resp: 73360

Ion Ratio Lower Upper

117 100

119 92.4 74.2 111.4

121 30.5 25.0 37.4



#34

Benzene

Concen: 18.083 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

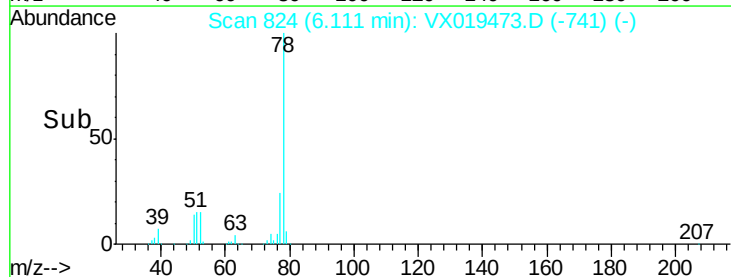
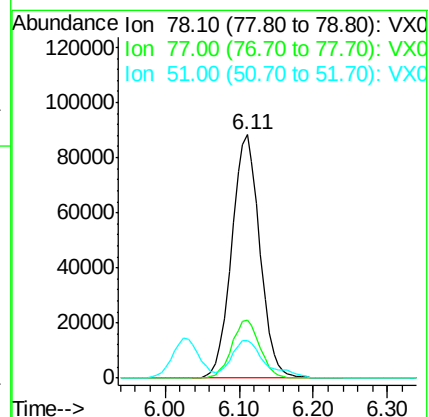
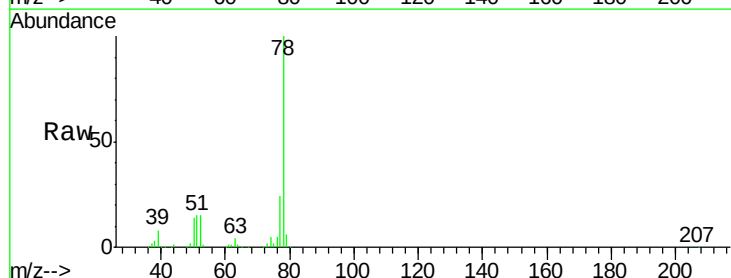
Tgt Ion: 78 Resp: 233345

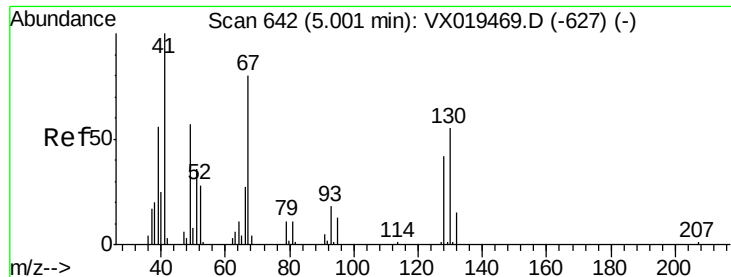
Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

51 15.2 12.7 19.1

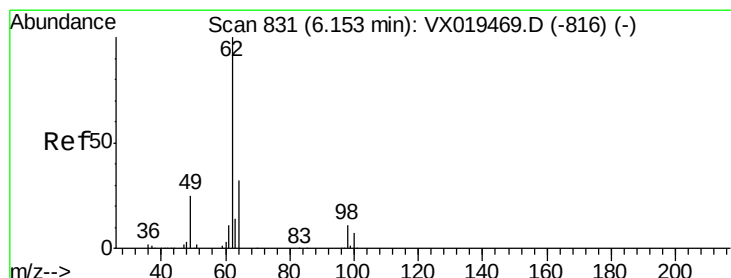
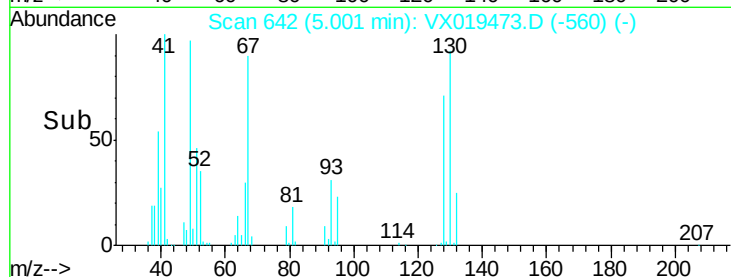
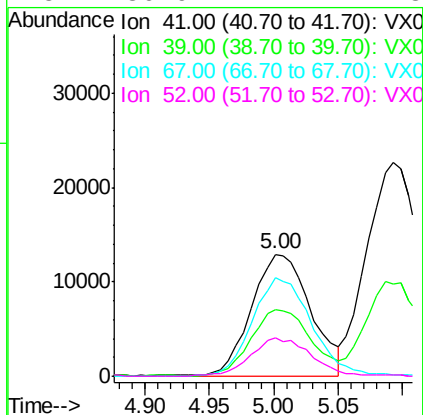
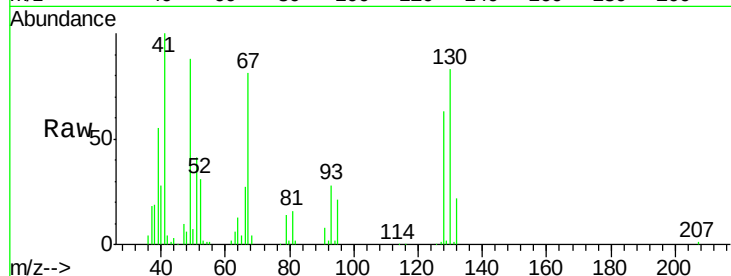




#35
Methacrylonitrile
Concen: 19.028 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

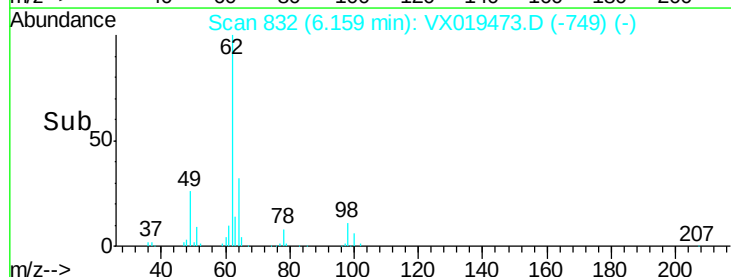
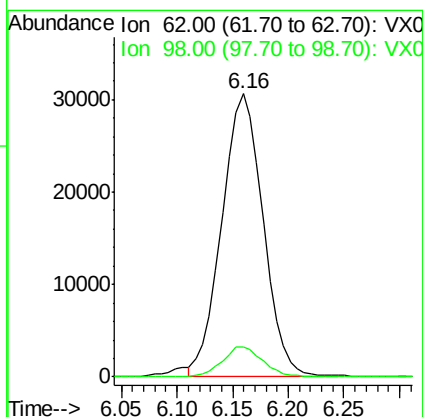
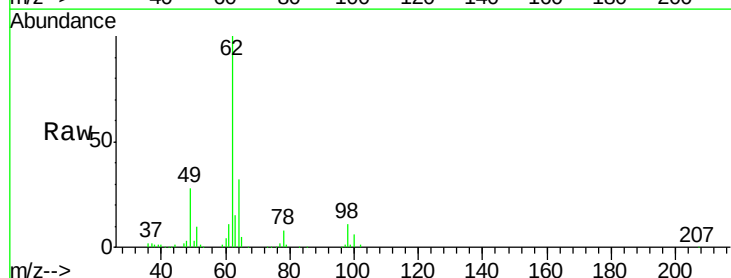
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

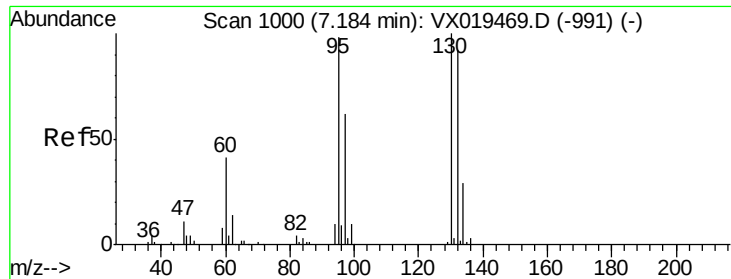
Tot Ion:	41	Resp:	41172
Ion	Ratio	Lower	Upper
41	100		
39	55.3	28.0	84.0
67	81.5	40.0	119.9
52	30.9	14.2	42.8



#36
1,2-Dichloroethane
Concen: 17.707 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion:	62	Resp:	79089
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.1	12.1

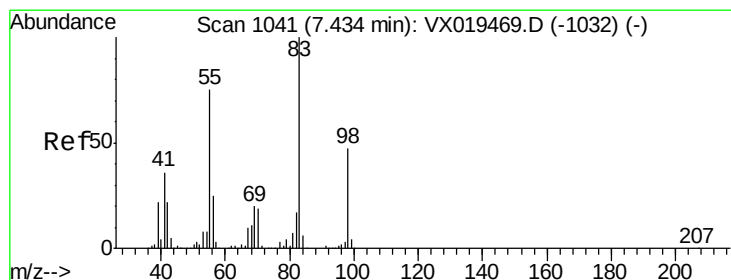
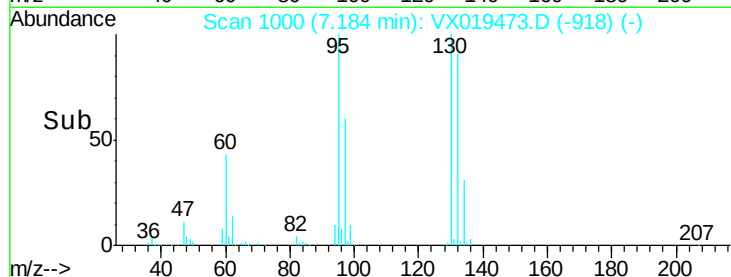
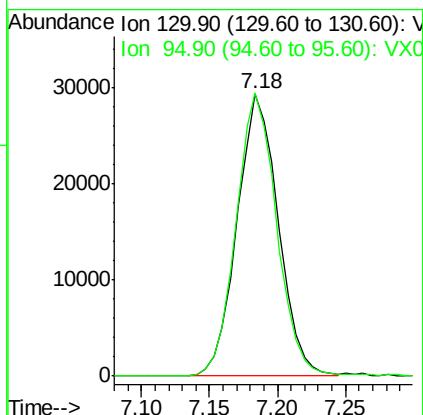
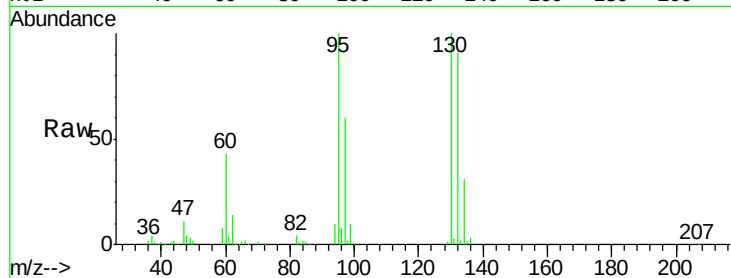




#37
 Trichloroethene
 Concen: 18.150 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

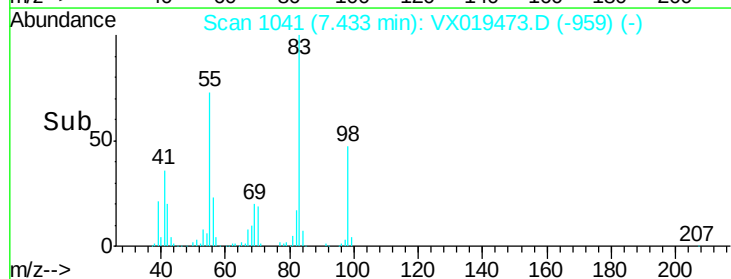
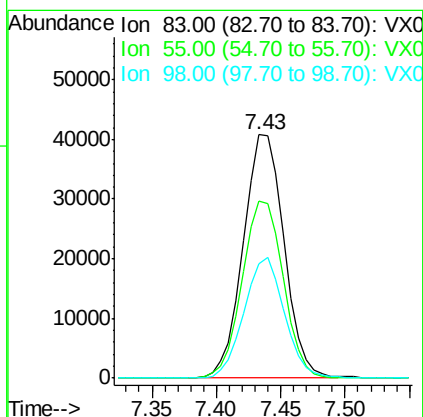
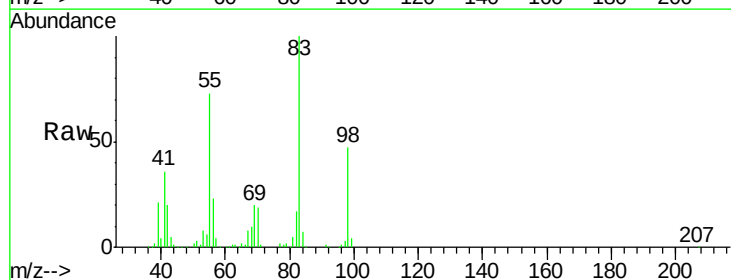
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

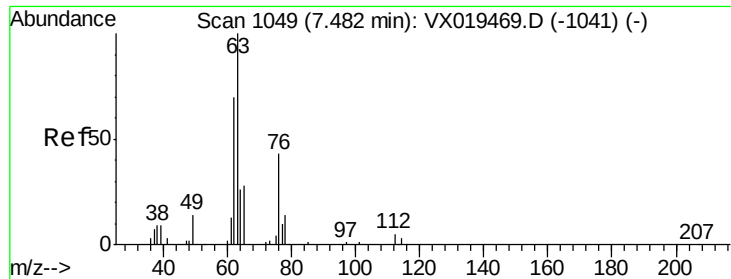
Tot Ion:130 Resp: 62092
 Ion Ratio Lower Upper
 130 100
 95 99.9 78.8 118.2



#38
 Methylcyclohexane
 Concen: 17.865 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion: 83 Resp: 89673
 Ion Ratio Lower Upper
 83 100
 55 73.3 37.7 113.1
 98 49.2 24.7 74.1





#39

1,2-Dichloropropane

Concen: 18.229 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

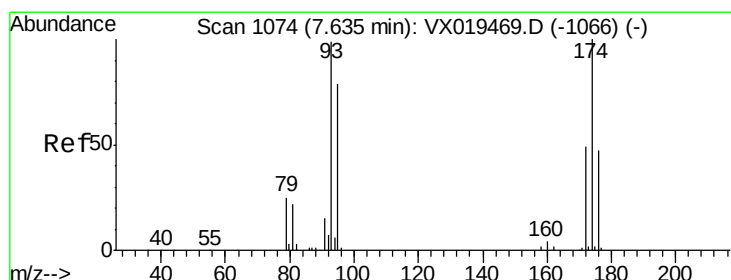
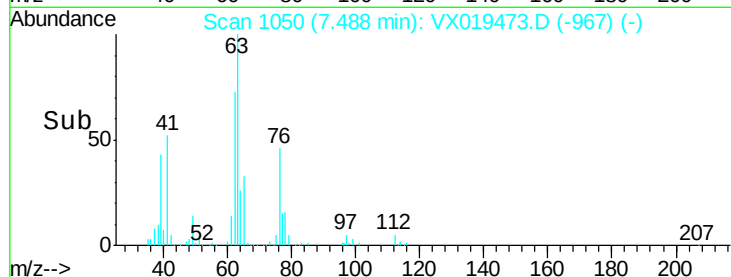
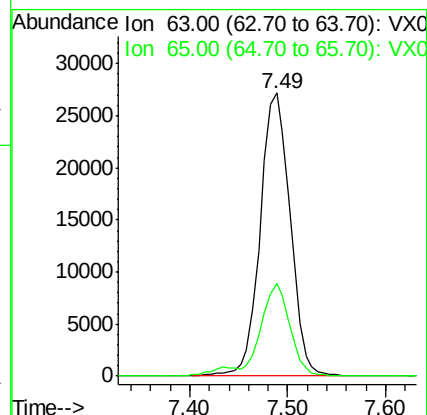
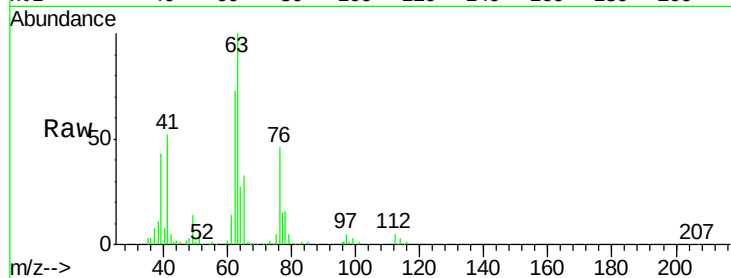
ICVVX112020

Tot Ion: 63 Resp: 58081

Ion Ratio Lower Upper

63 100

65 32.8 24.8 37.2



#40

Dibromomethane

Concen: 18.416 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

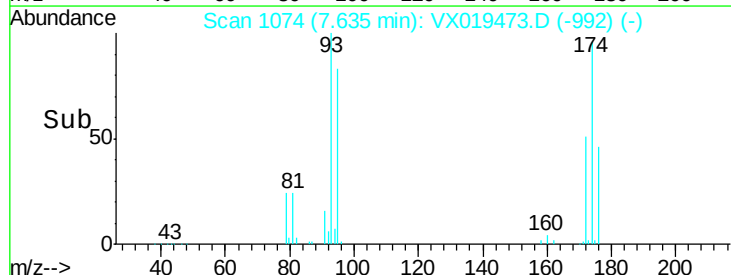
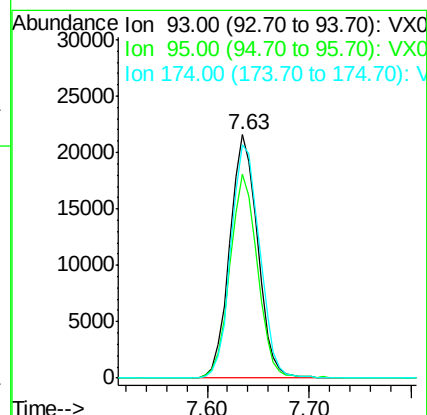
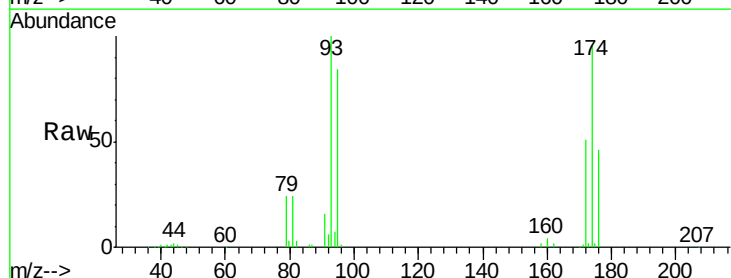
Tgt Ion: 93 Resp: 40815

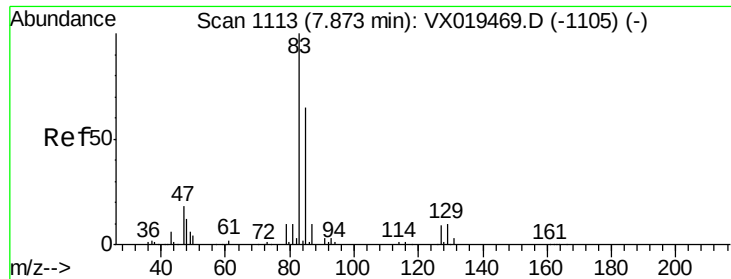
Ion Ratio Lower Upper

93 100

95 82.5 0.0 162.4

174 98.8 0.0 198.8





#41

Bromodichloromethane

Concen: 17.668 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

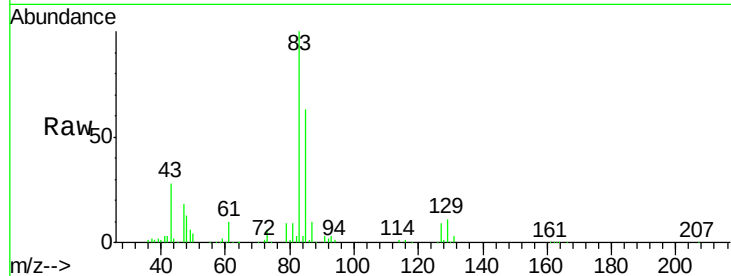
Tot Ion: 83 Resp: 76955

Ion Ratio Lower Upper

83 100

85 62.8 51.7 77.5

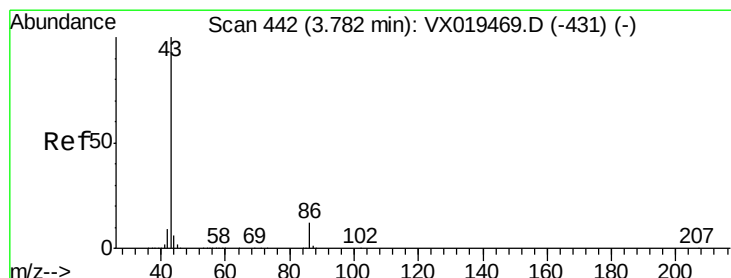
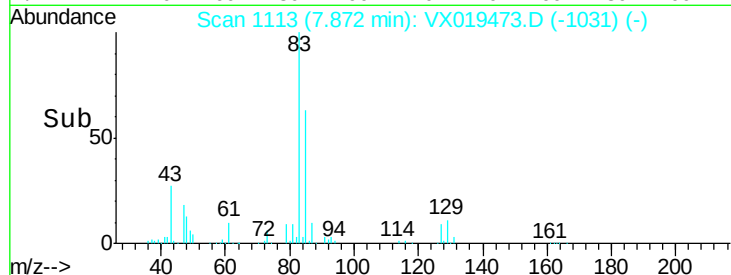
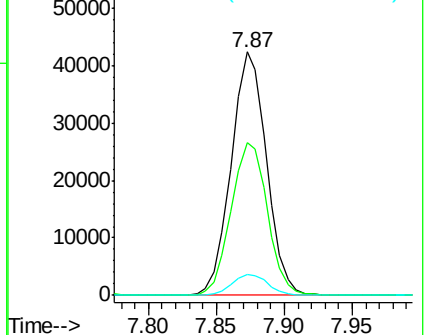
127 8.8 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 91.876 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019473.D

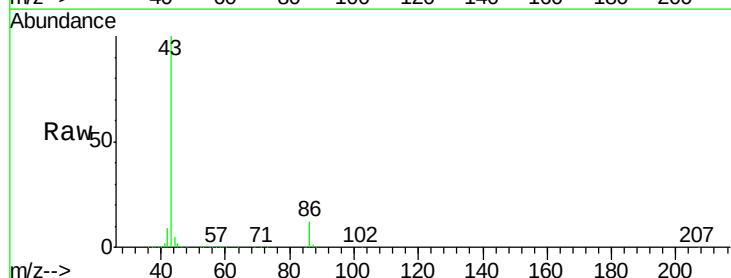
Acq: 19 Nov 2020 18:08

Tgt Ion: 43 Resp: 693360

Ion Ratio Lower Upper

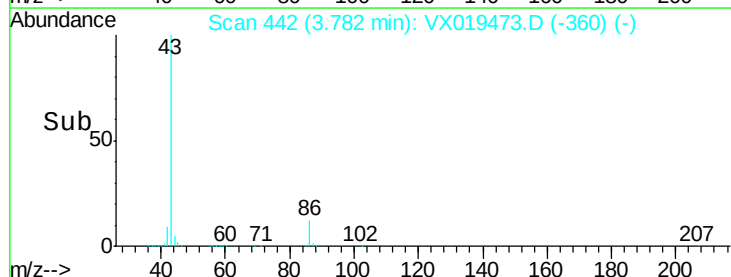
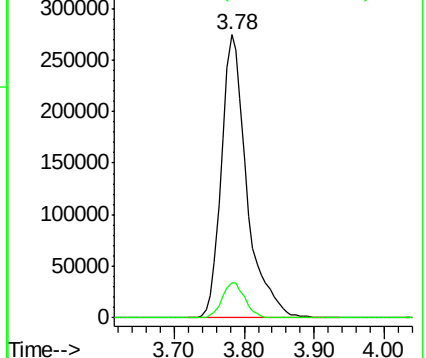
43 100

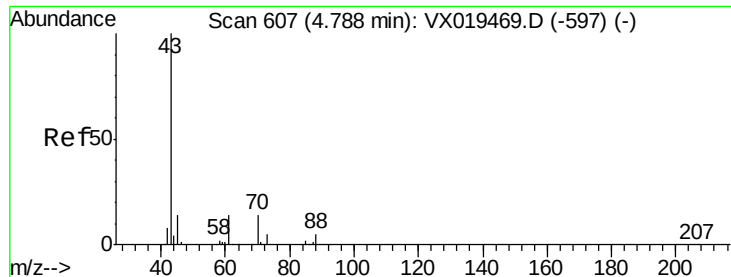
86 11.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

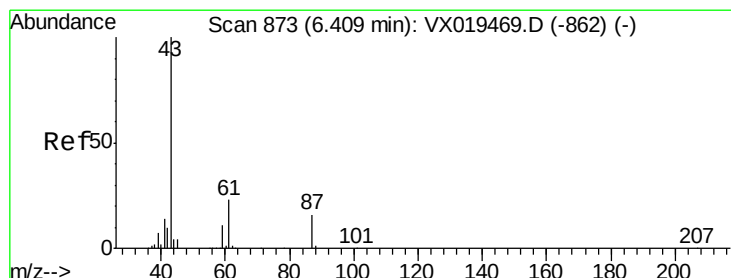
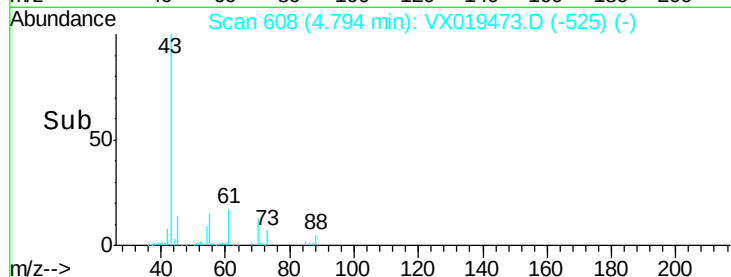
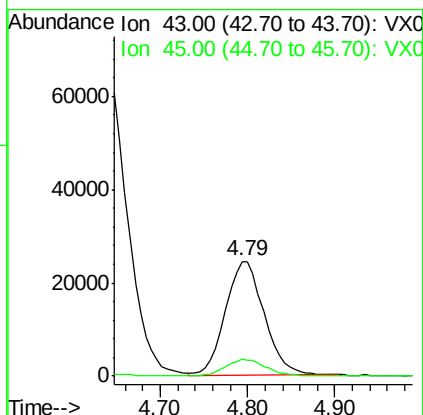
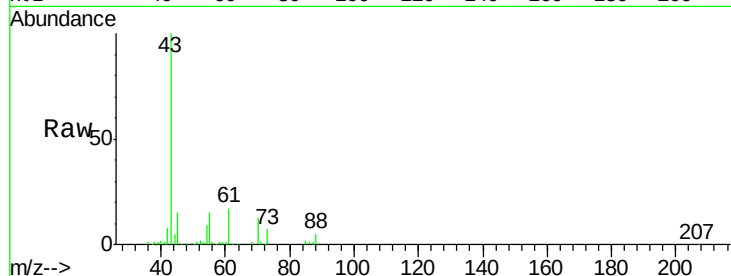




#43
Ethyl Acetate
Concen: 18.750 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

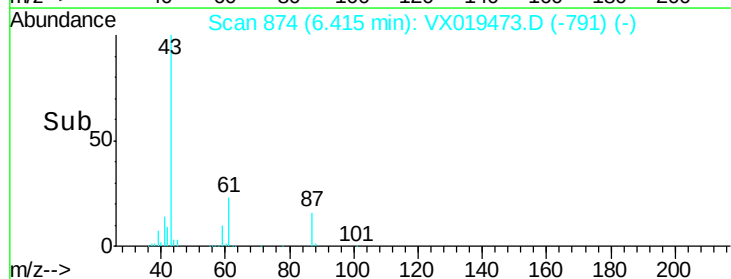
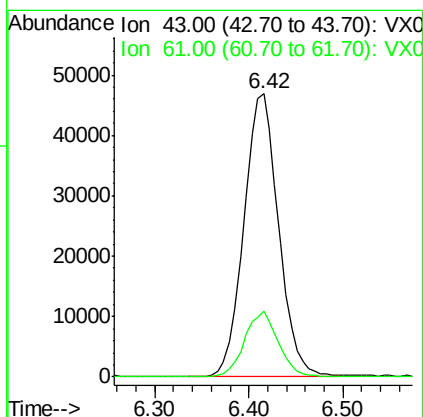
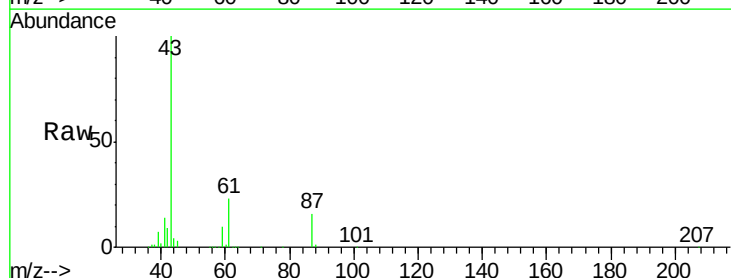
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

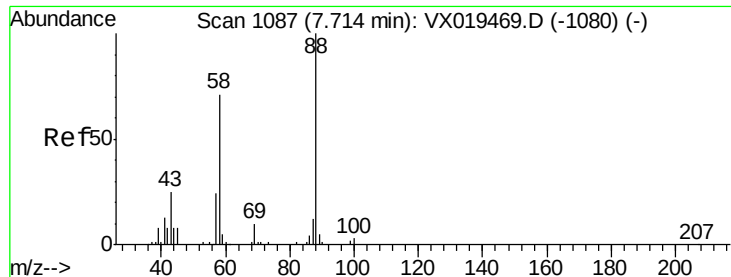
Tot Ion: 43 Resp: 75717
Ion Ratio Lower Upper
43 100
45 15.7 12.9 19.3



#44
Isopropyl Acetate
Concen: 18.397 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion: 43 Resp: 120576
Ion Ratio Lower Upper
43 100
61 22.8 18.1 27.1

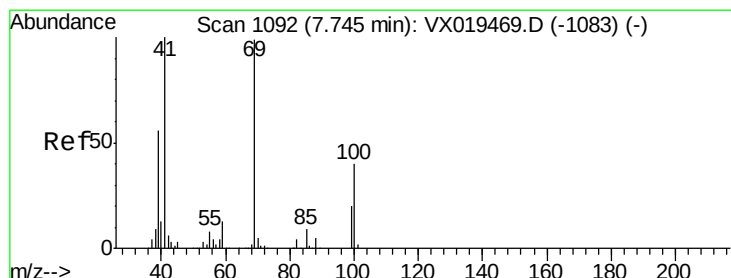
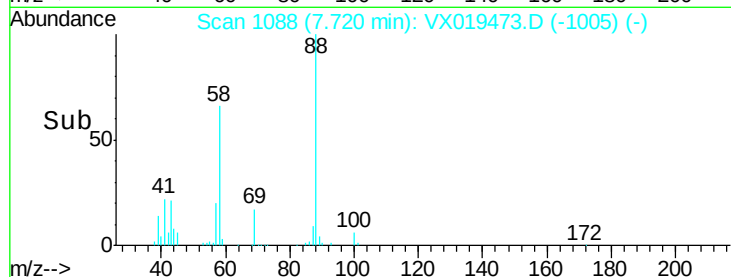
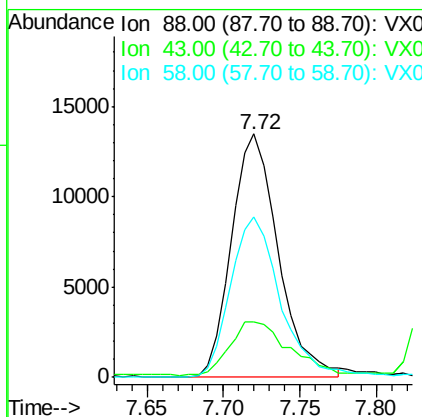
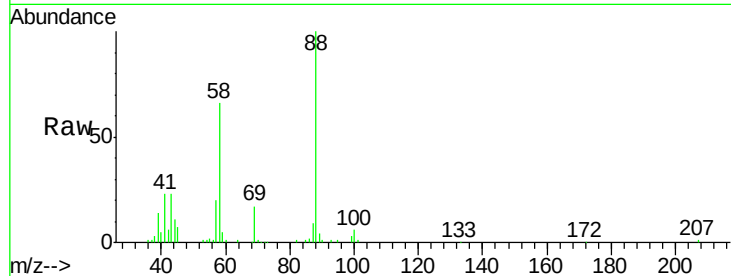




#45
 1,4-Dioxane
 Concen: 390.000 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

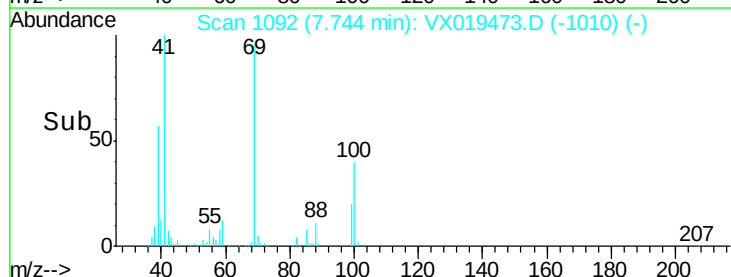
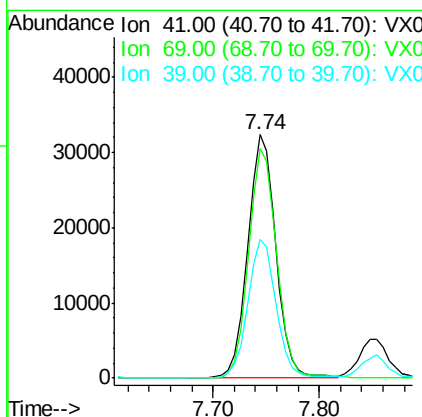
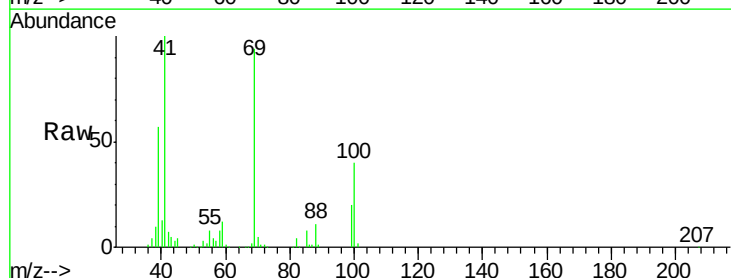
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

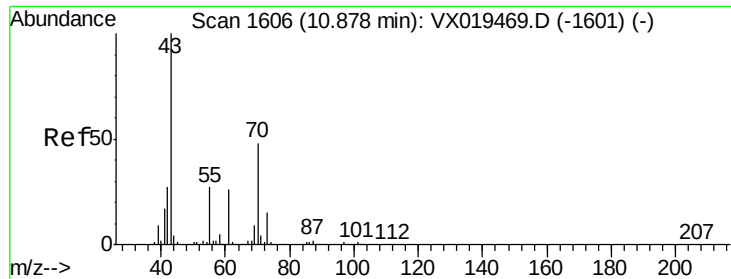
Tot Ion: 88 Resp: 28652
 Ion Ratio Lower Upper
 88 100
 43 27.7 24.2 36.4
 58 70.5 56.6 84.8



#46
 Methyl methacrylate
 Concen: 18.607 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion: 41 Resp: 59688
 Ion Ratio Lower Upper
 41 100
 69 94.6 49.7 149.1
 39 57.2 28.1 84.4





#47

n-amvl Acetate

Concen: 18.318 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

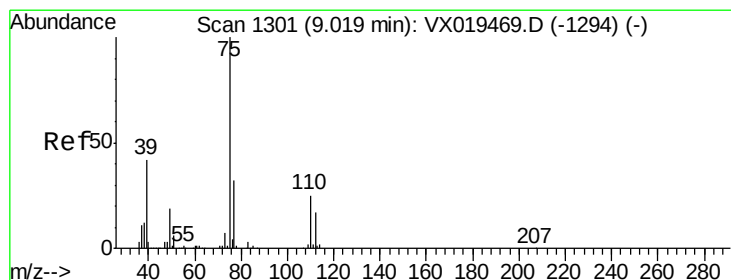
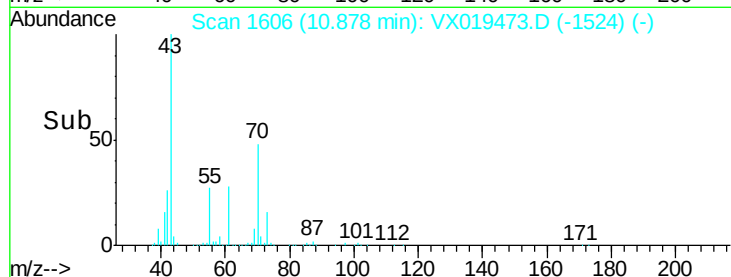
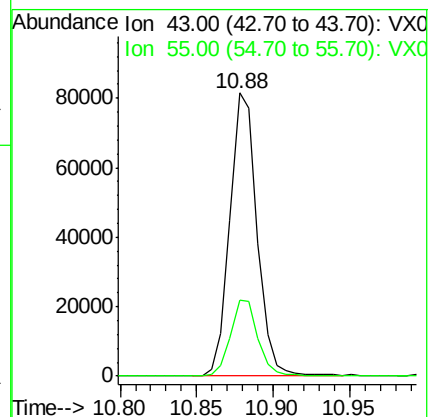
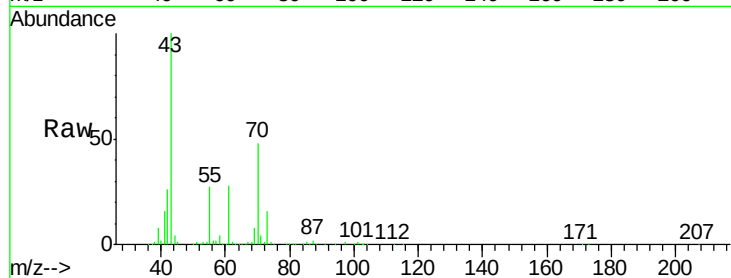
ICVVX112020

Tot Ion: 43 Resp: 100189

Ion Ratio Lower Upper

43 100

55 27.5 22.8 34.2



#48

t-1,3-Dichloropropene

Concen: 18.319 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019473.D

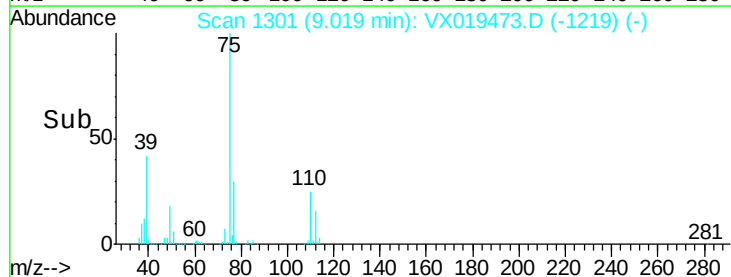
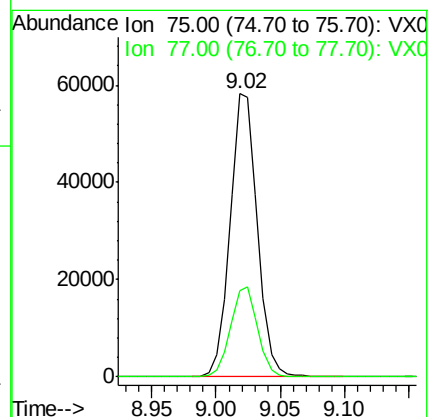
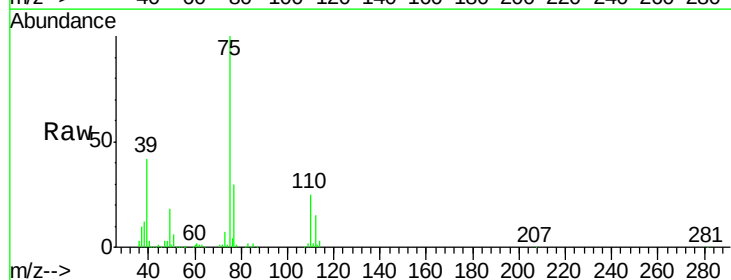
Acq: 19 Nov 2020 18:08

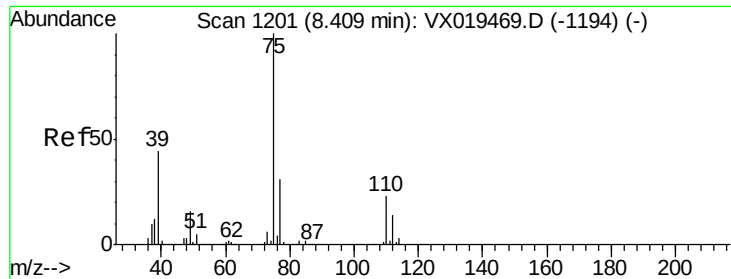
Tgt Ion: 75 Resp: 86640

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.2

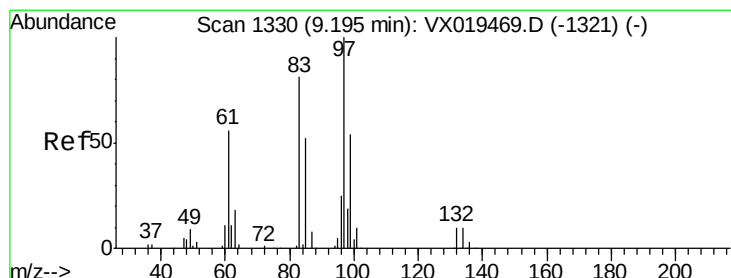
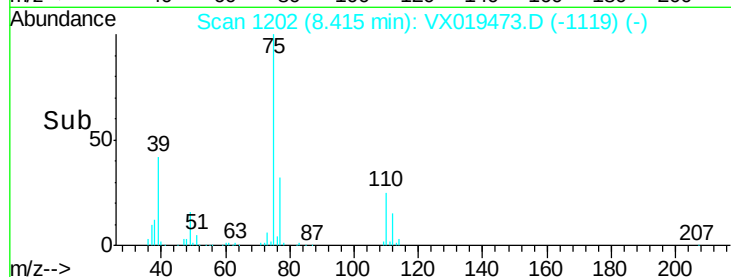
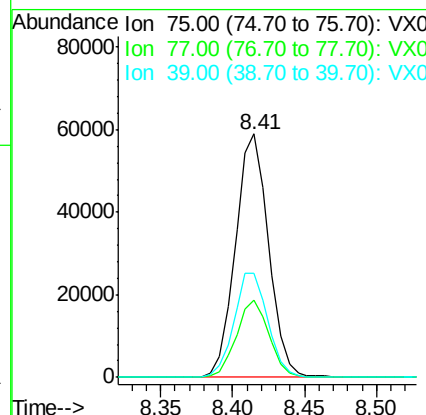
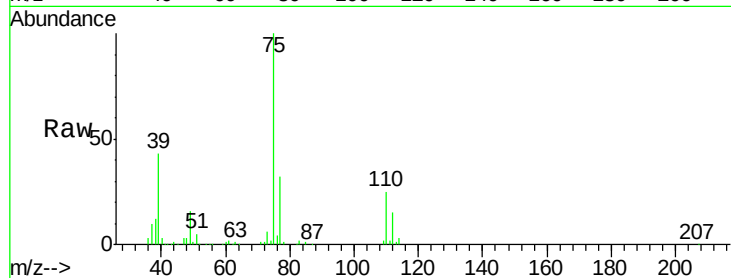




#49
 cis-1,3-Dichloropropene
 Concen: 18.122 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

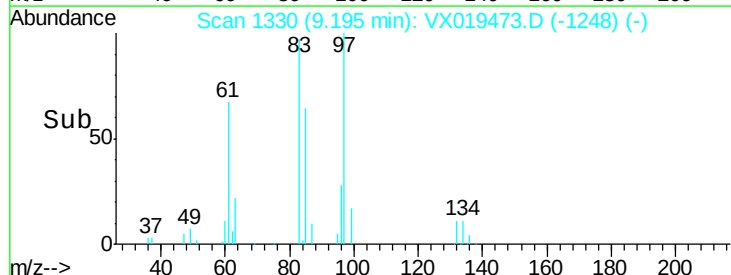
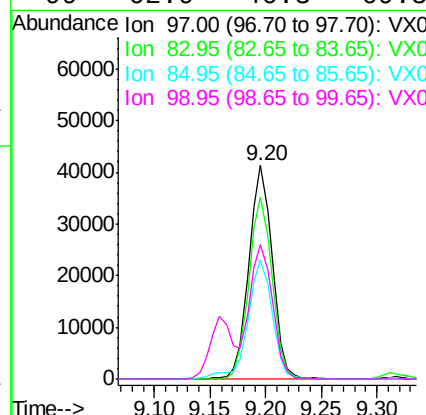
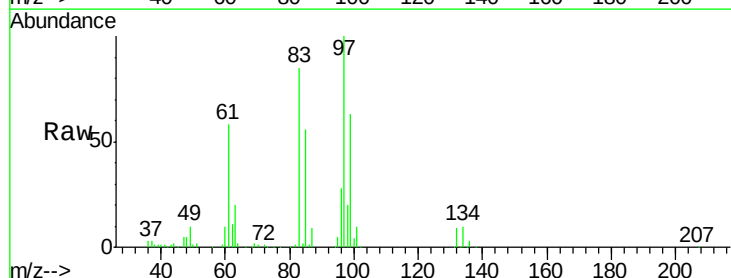
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

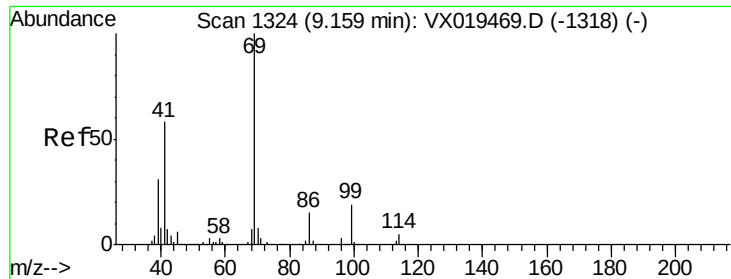
Tot Ion	75	Resp	94676
Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.7	37.1
39	42.5	35.3	52.9



#50
 1,1,2-Trichloroethane
 Concen: 18.226 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion	97	Resp	60494
Ion	Ratio	Lower	Upper
97	100		
83	84.9	64.8	97.2
85	55.9	41.8	62.8
99	62.9	46.3	69.5





#51

Ethyl methacrylate

Concen: 18.603 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

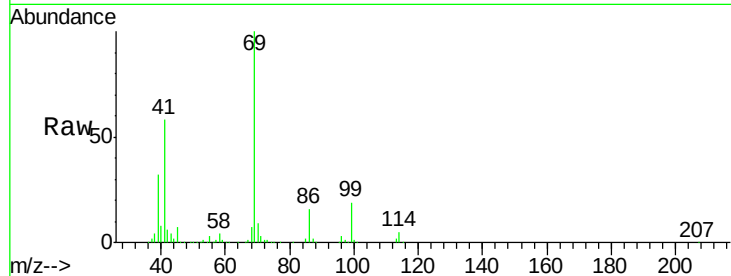
Tot Ion: 69 Resp: 88364

Ion Ratio Lower Upper

69 100

41 57.7 29.0 87.1

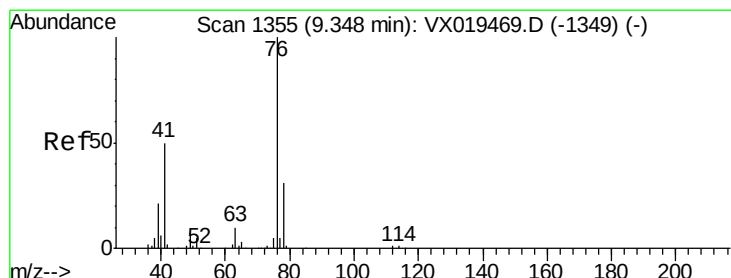
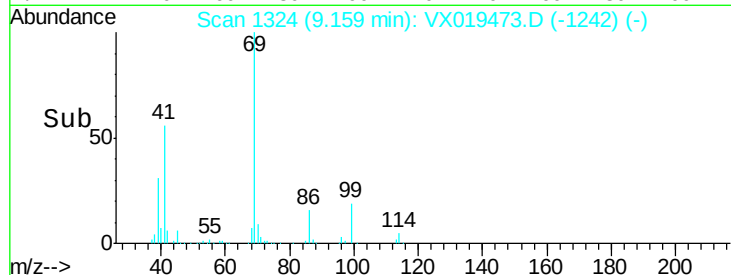
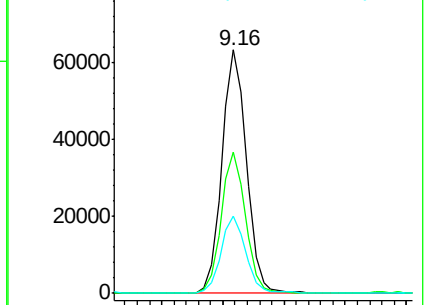
39 31.5 15.4 46.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.298 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019473.D

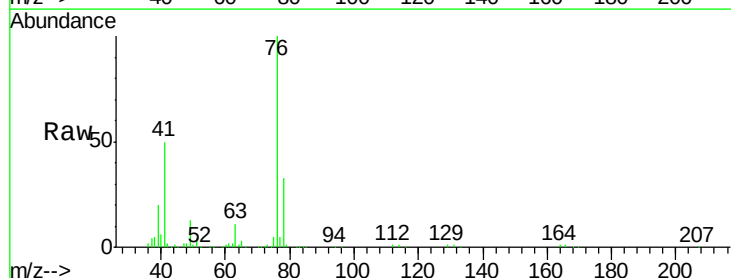
Acq: 19 Nov 2020 18:08

Tgt Ion: 76 Resp: 101429

Ion Ratio Lower Upper

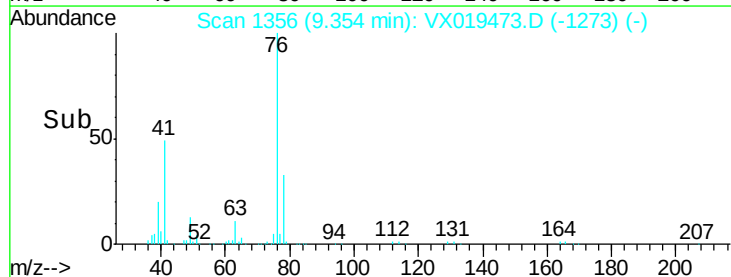
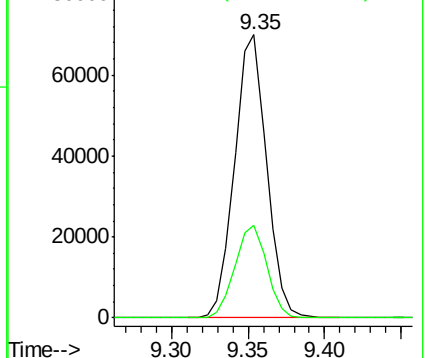
76 100

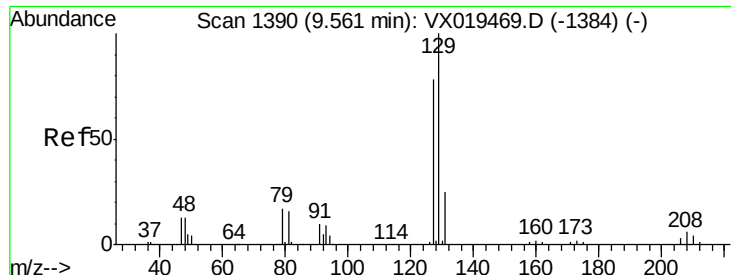
78 32.8 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.268 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

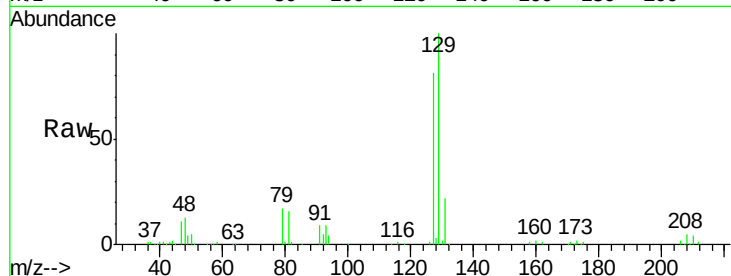
ICVVX112020

Tot Ion:129 Resp: 60435

Ion Ratio Lower Upper

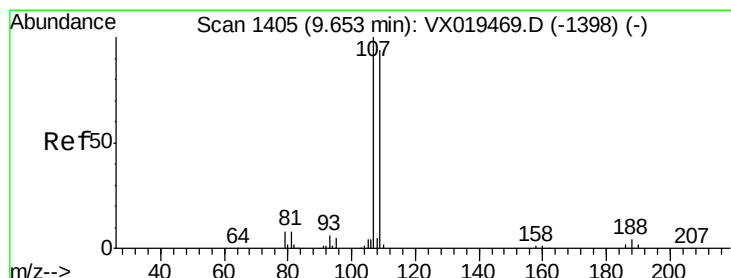
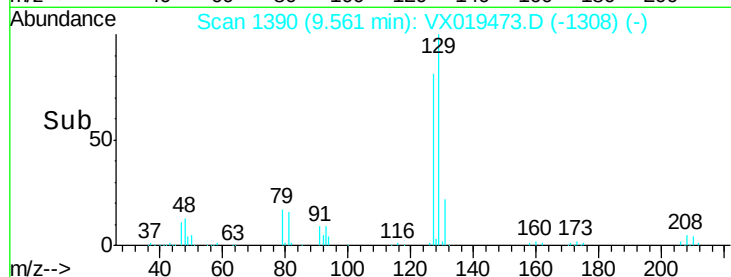
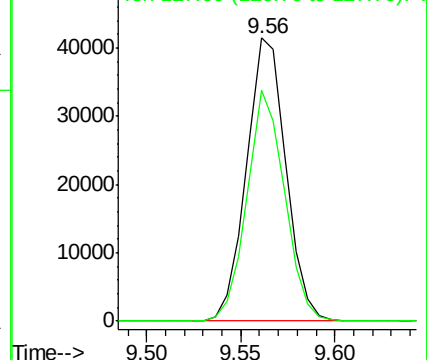
129 100

127 77.9 38.0 114.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.456 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019473.D

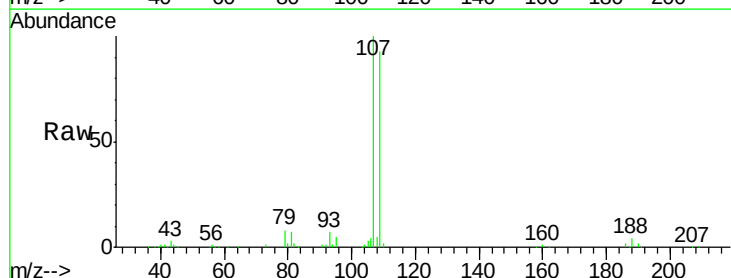
Acq: 19 Nov 2020 18:08

Tgt Ion:107 Resp: 63332

Ion Ratio Lower Upper

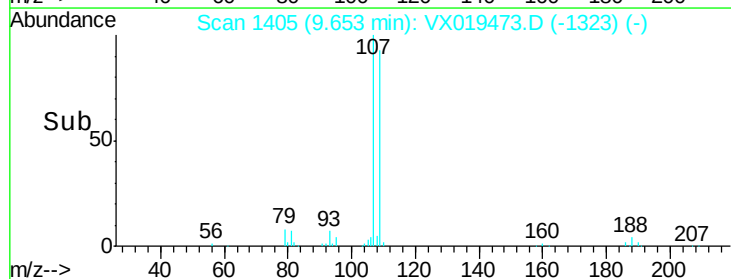
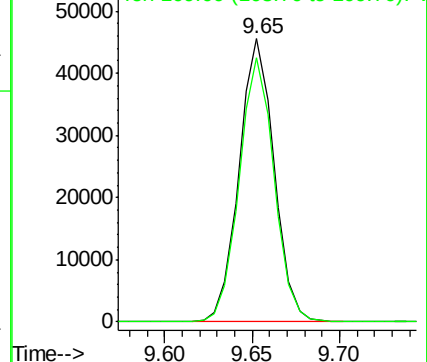
107 100

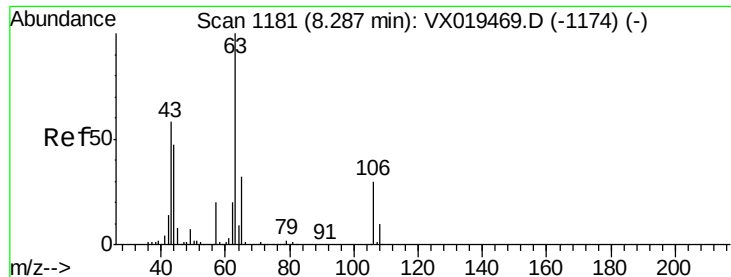
109 92.4 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

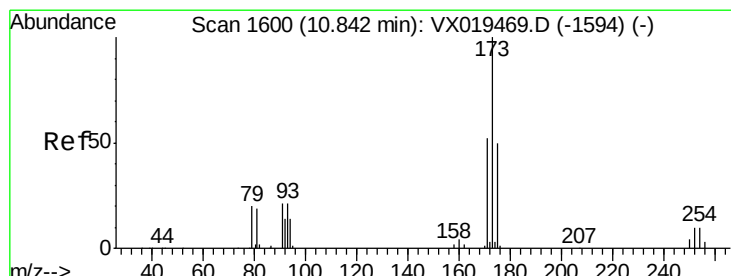
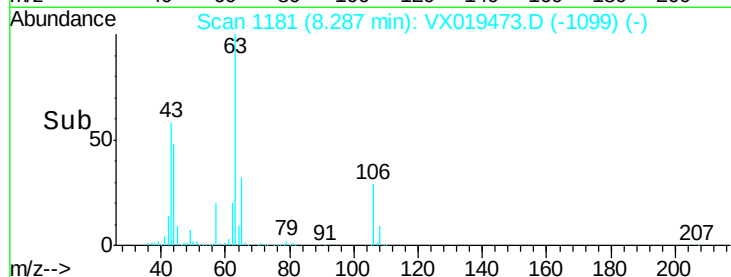
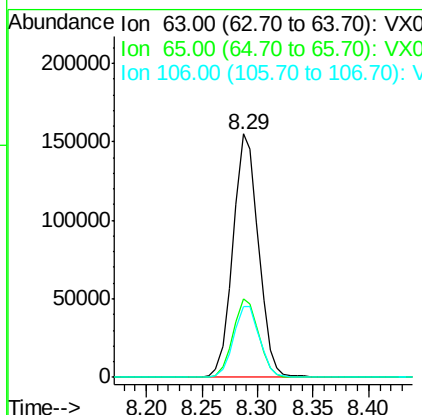
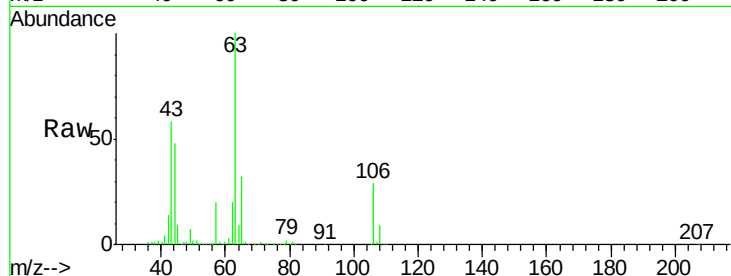




#55
2-Chloroethyl vinyl ether
Concen: 93.830 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

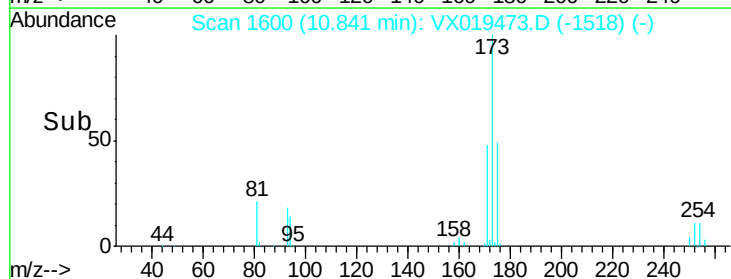
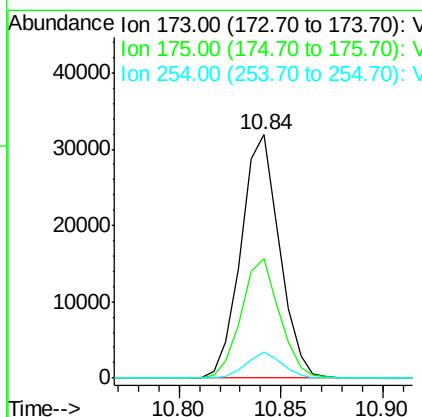
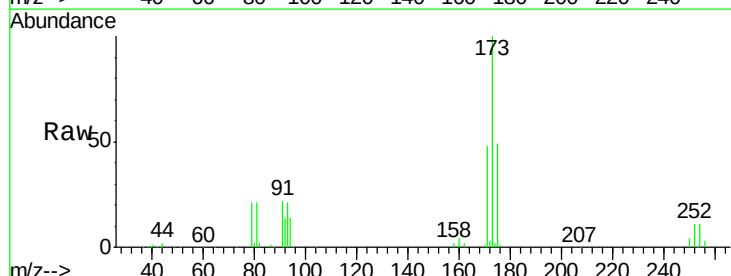
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

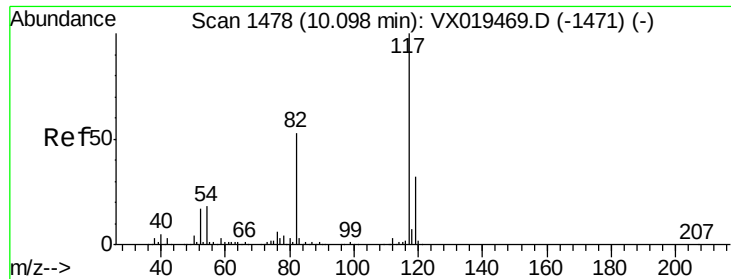
Tot Ion: 63 Resp: 245238
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 30.0 24.2 36.4



#56
Bromoform
Concen: 17.902 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion: 173 Resp: 41968
Ion Ratio Lower Upper
173 100
175 48.7 39.7 59.5
254 10.1 8.0 12.0

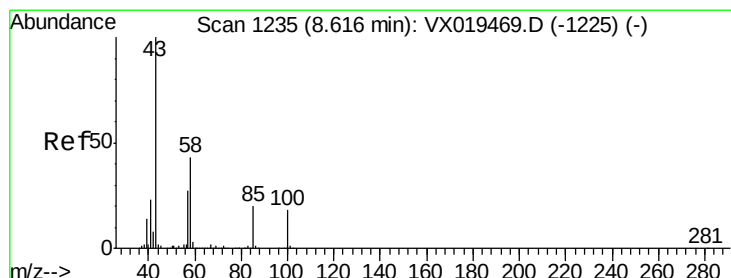
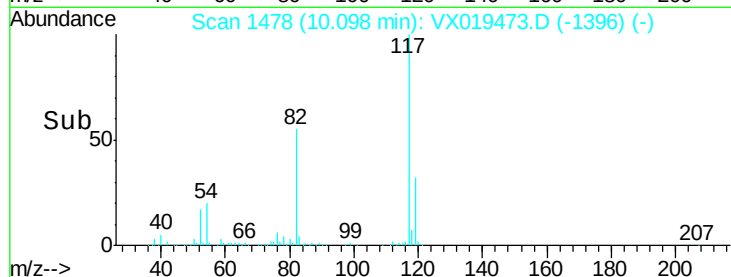
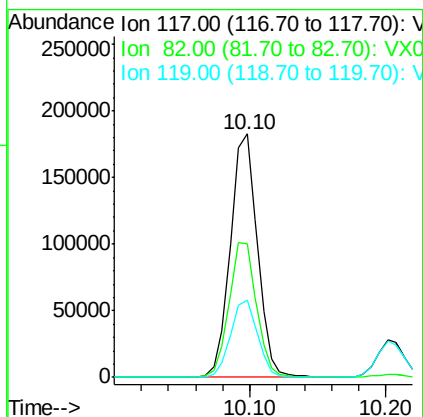
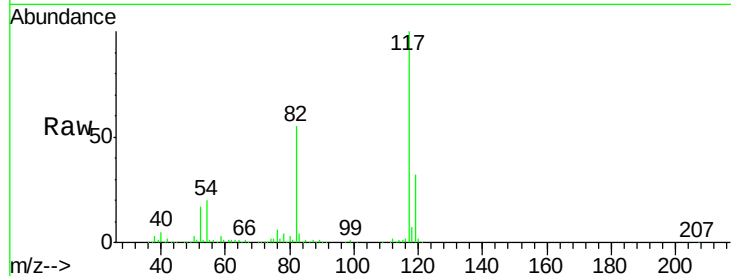




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

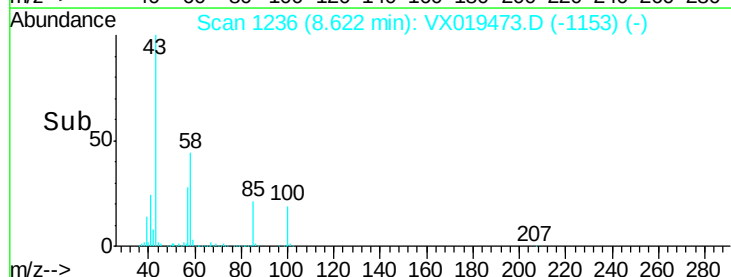
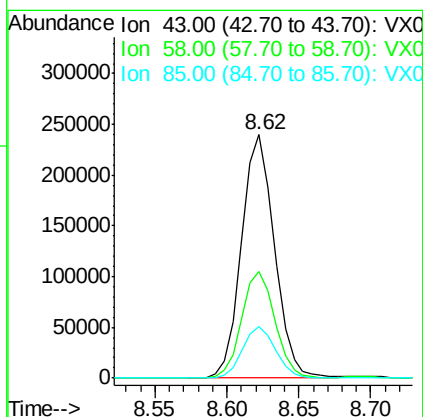
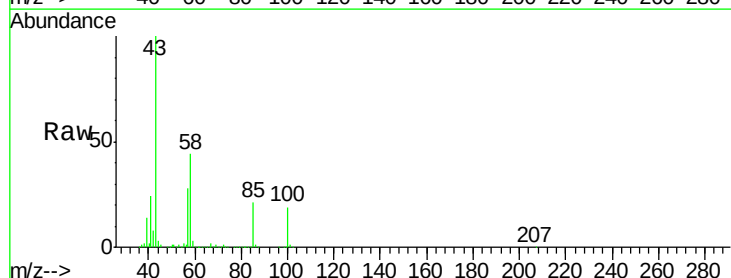
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

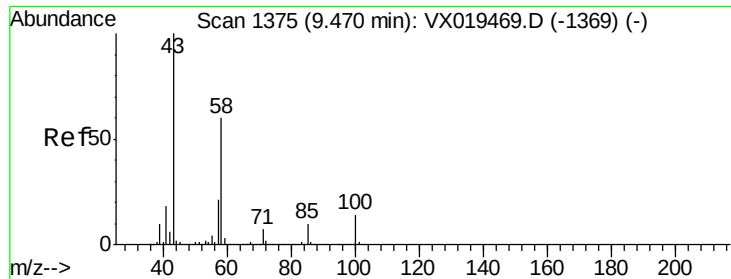
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.5	66.7
119	31.8	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 93.984 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.3	35.1	52.7
85	21.3	16.7	25.1

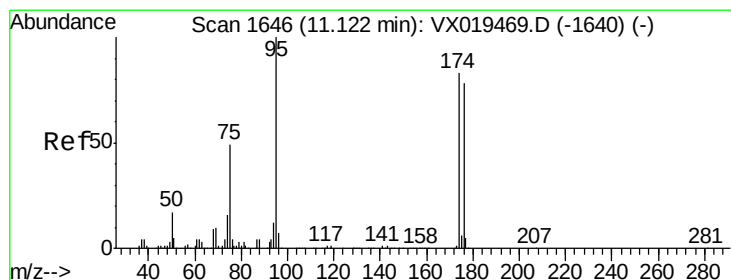
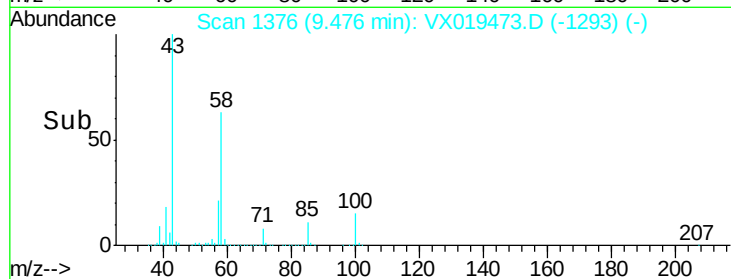
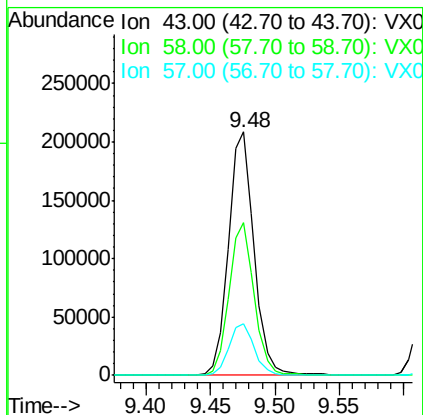
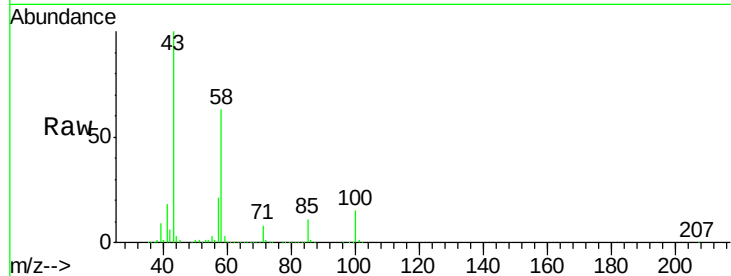




#59
2-Hexanone
Concen: 92.654 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

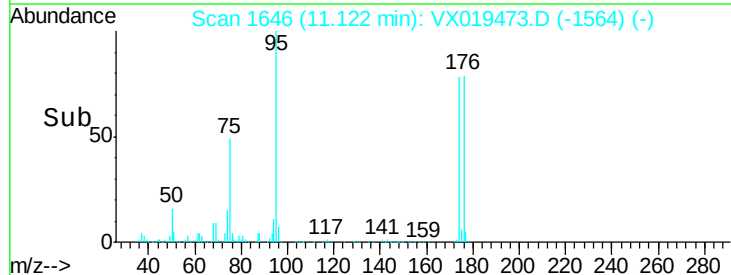
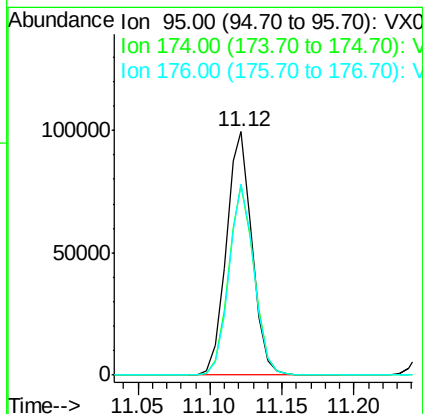
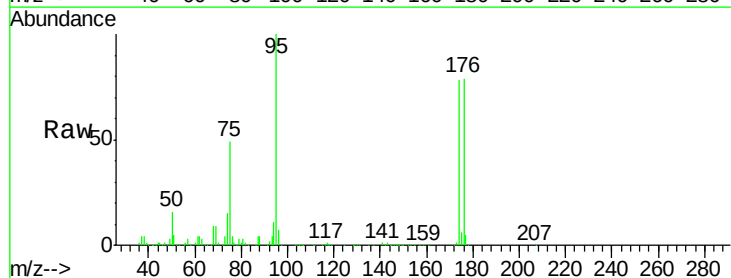
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

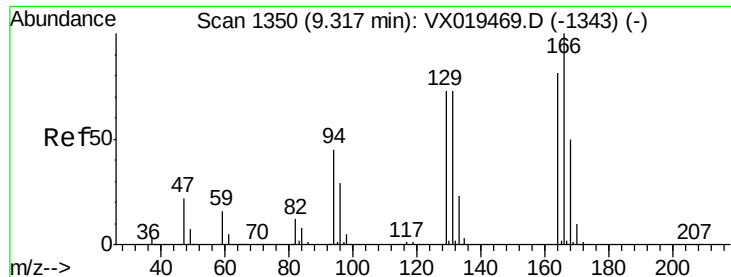
Tot Ion: 43 Resp: 288550
Ion Ratio Lower Upper
43 100
58 62.1 49.0 73.6
57 21.5 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 30.365 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion: 95 Resp: 125162
Ion Ratio Lower Upper
95 100
174 77.5 63.5 95.3
176 76.5 59.8 89.6





#61

Tetrachloroethene

Concen: 18.123 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

Tot Ion:164 Resp: 59691

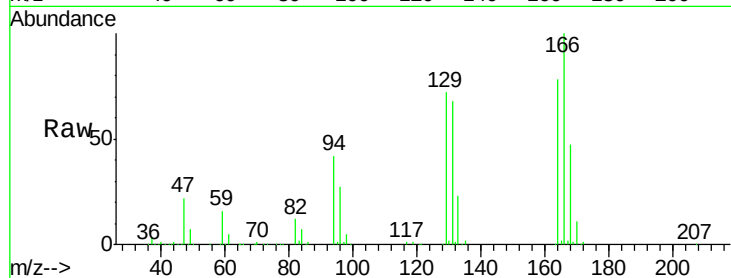
Ion Ratio Lower Upper

164 100

166 127.4 99.4 149.0

129 91.2 72.6 108.8

131 86.7 72.6 108.8

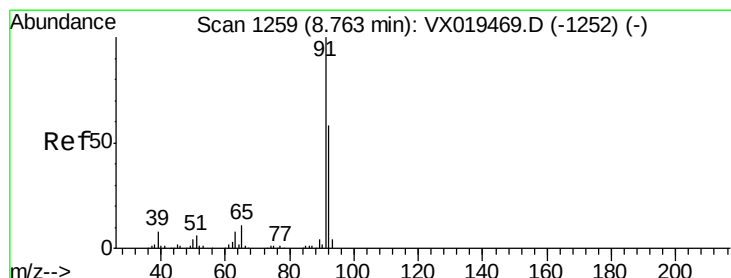
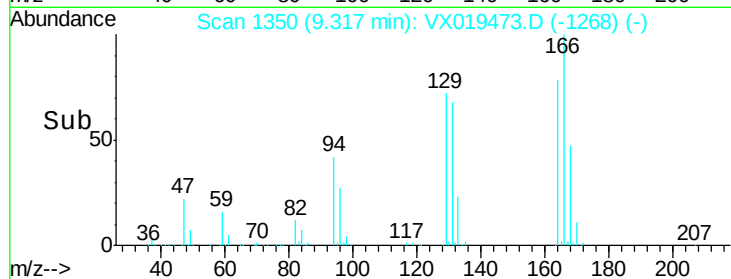
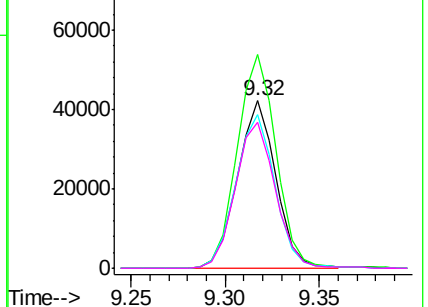


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.051 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019473.D

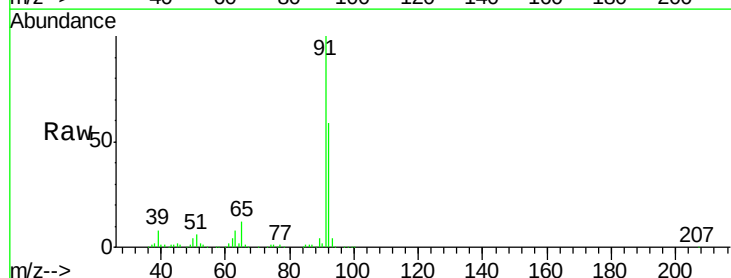
Acq: 19 Nov 2020 18:08

Tgt Ion: 91 Resp: 255193

Ion Ratio Lower Upper

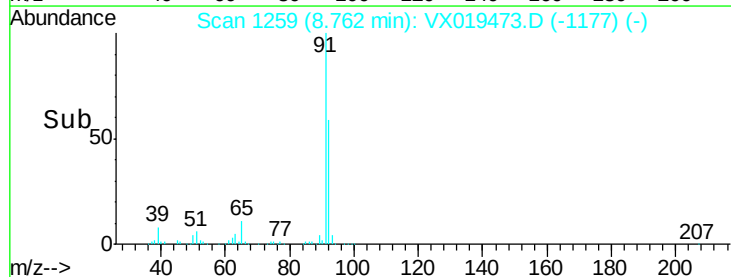
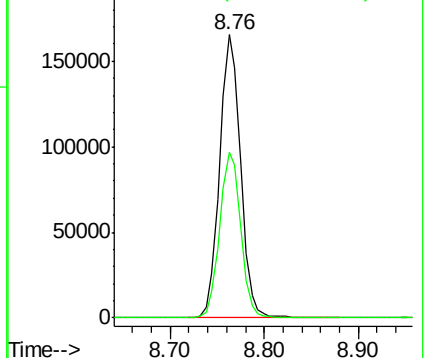
91 100

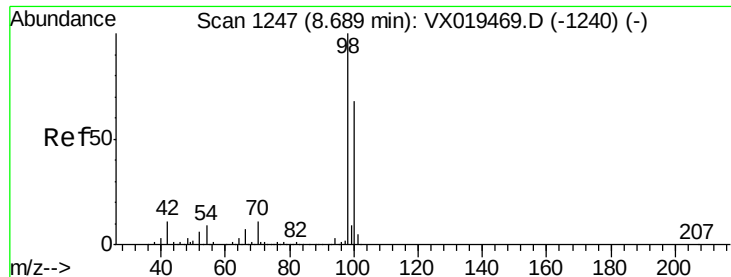
92 58.9 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

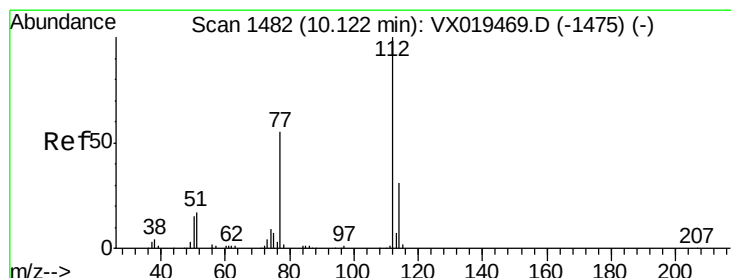
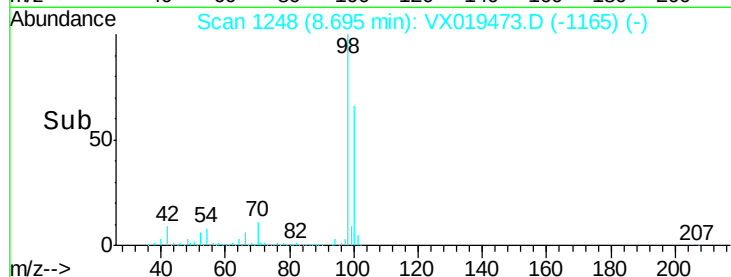
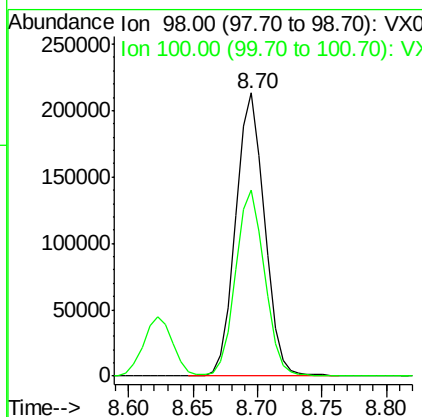
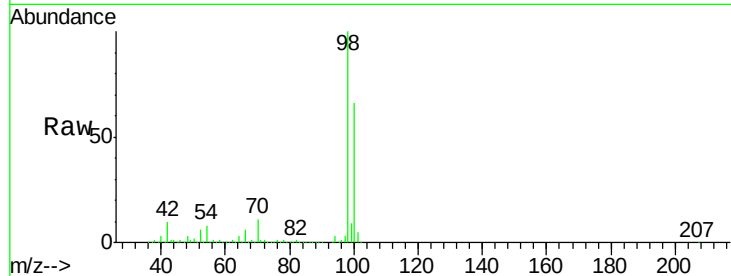




#63
Toluene-d8
Concen: 29.526 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

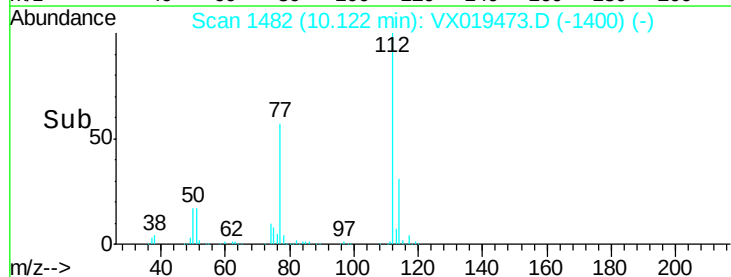
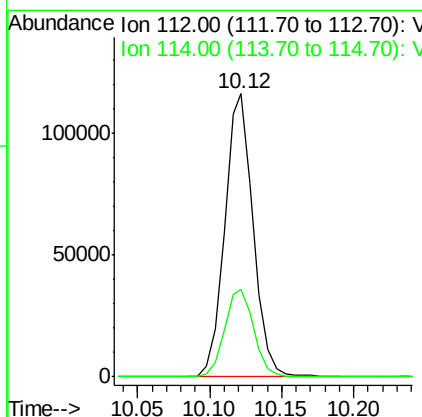
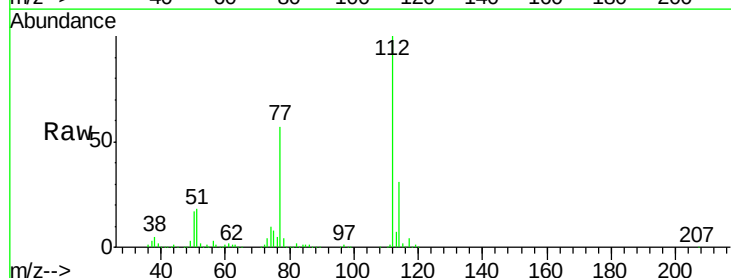
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

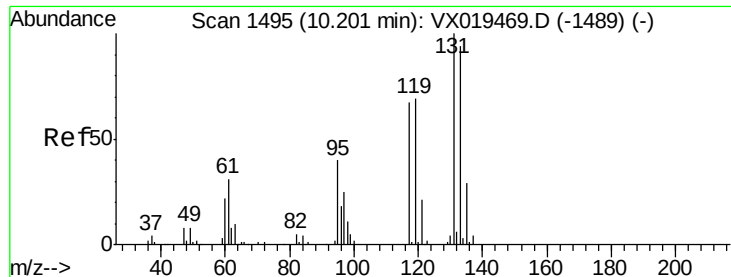
Tot Ion: 98 Resp: 332638
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#64
Chlorobenzene
Concen: 18.662 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion: 112 Resp: 160685
Ion Ratio Lower Upper
112 100
114 31.1 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.907 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

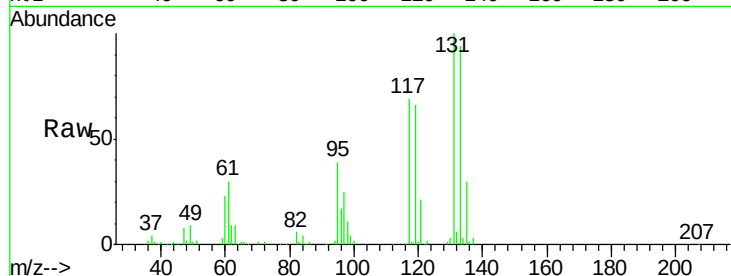
Tot Ion:131 Resp: 56760

Ion Ratio Lower Upper

131 100

133 95.6 0.0 189.4

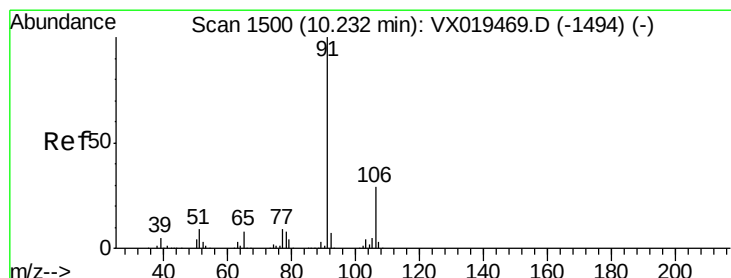
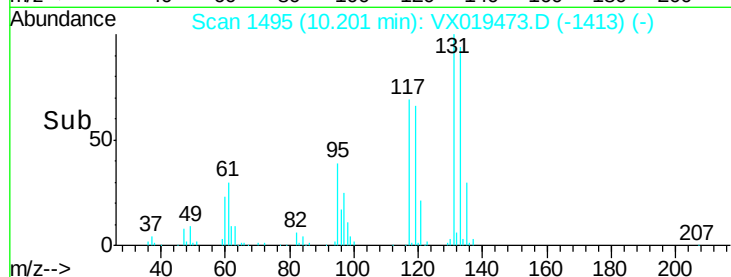
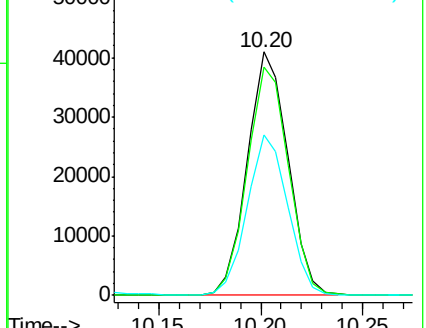
119 66.0 0.0 130.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.149 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019473.D

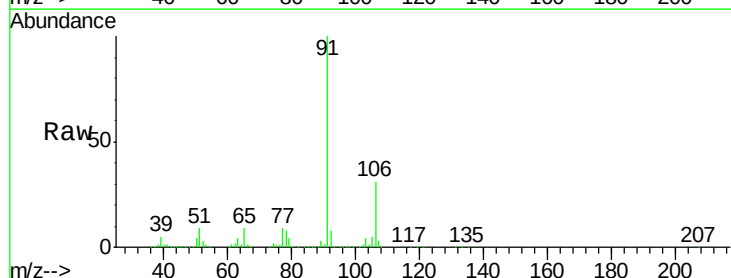
Acq: 19 Nov 2020 18:08

Tgt Ion: 91 Resp: 281133

Ion Ratio Lower Upper

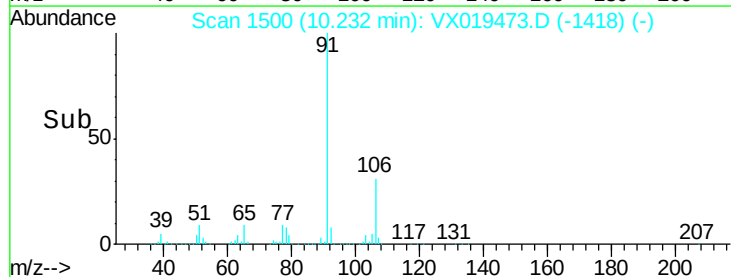
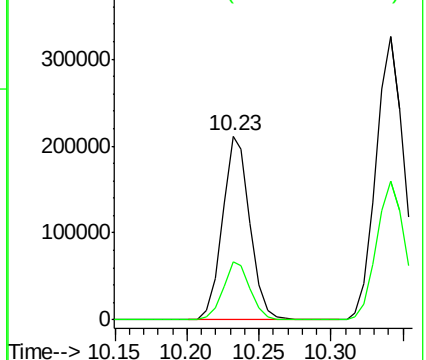
91 100

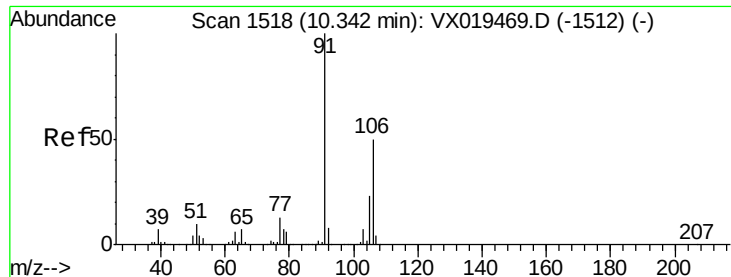
106 31.5 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 37.062 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

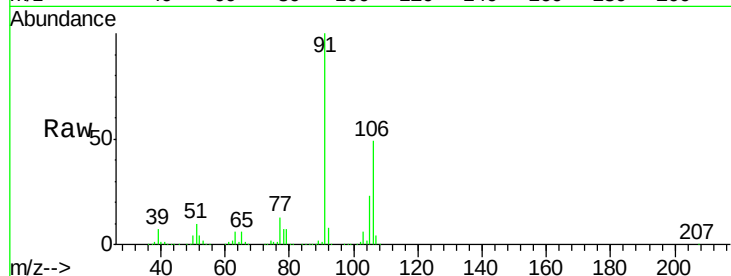
ICVVX112020

Tot Ion:106 Resp: 215014

Ion Ratio Lower Upper

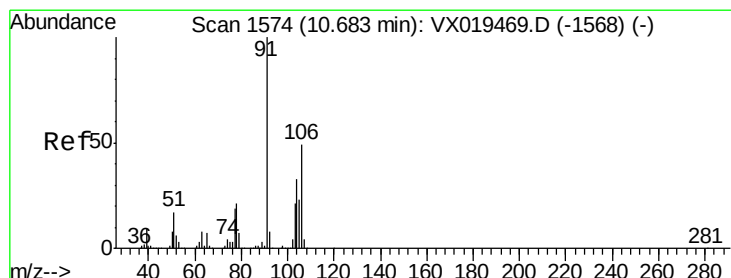
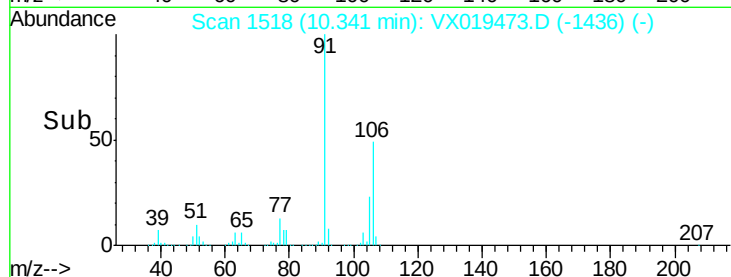
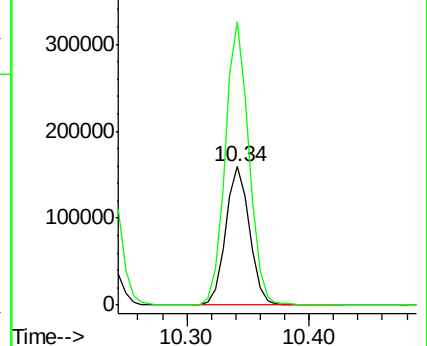
106 100

91 202.8 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.715 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019473.D

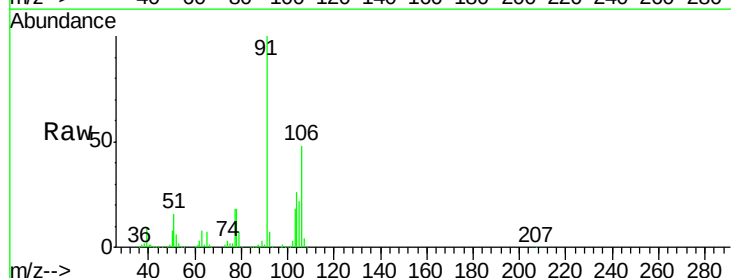
Acq: 19 Nov 2020 18:08

Tgt Ion:106 Resp: 102913

Ion Ratio Lower Upper

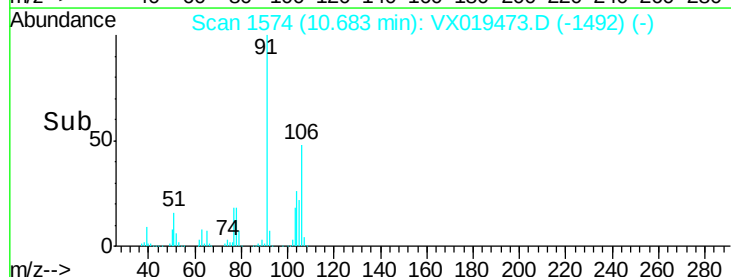
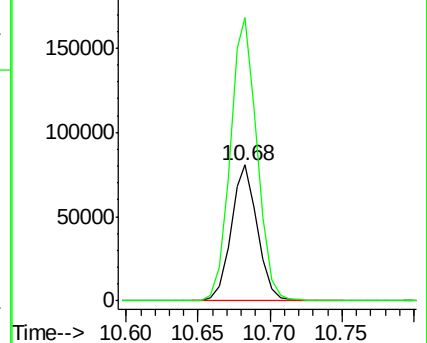
106 100

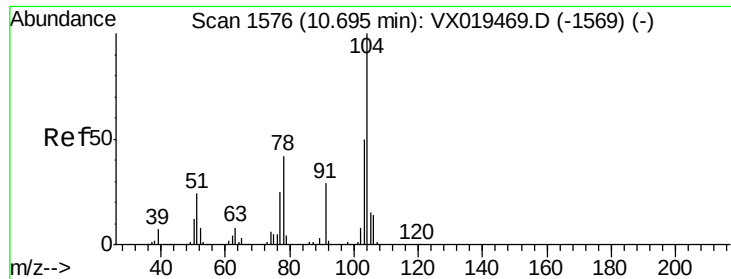
91 212.6 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.477 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

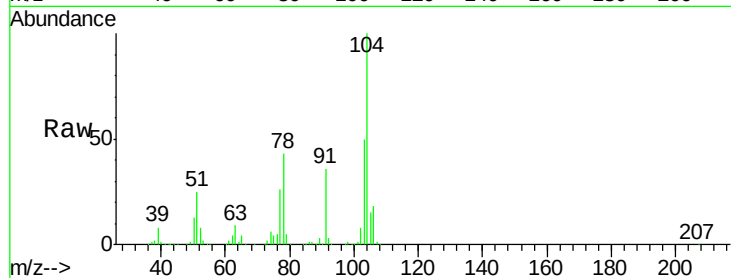
Tot Ion:104 Resp: 173119

Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

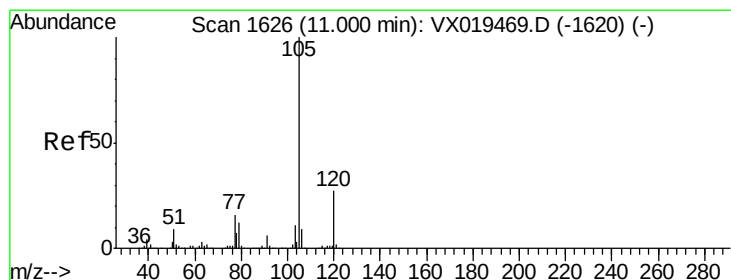
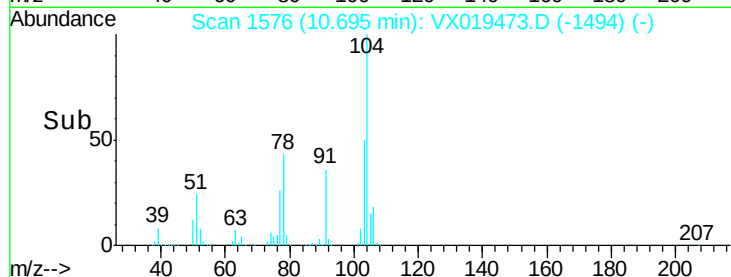
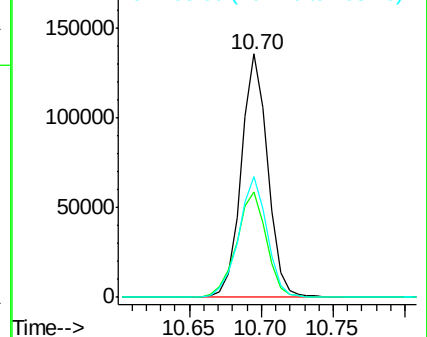
103 53.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.587 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019473.D

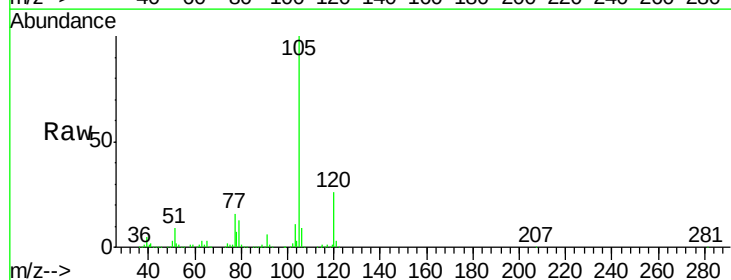
Acq: 19 Nov 2020 18:08

Tgt Ion:105 Resp: 277074

Ion Ratio Lower Upper

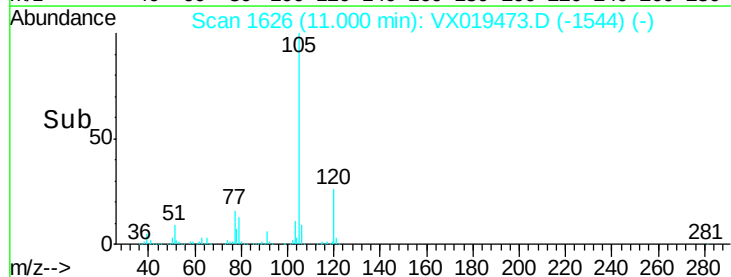
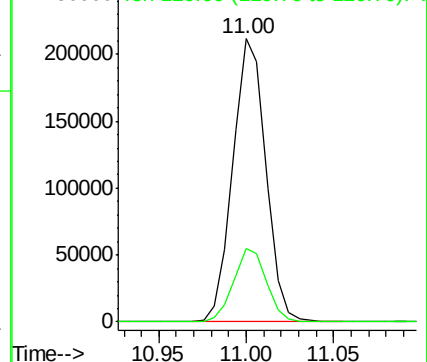
105 100

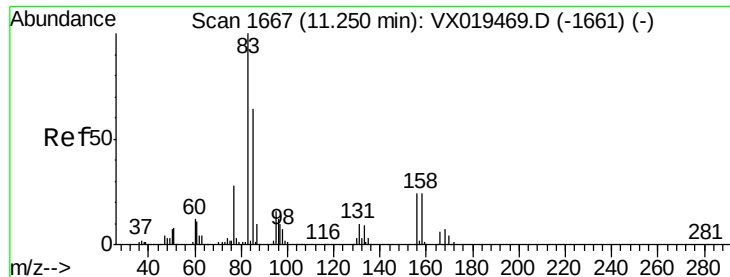
120 25.9 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.102 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

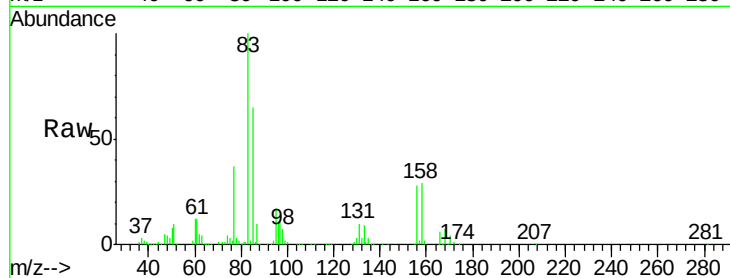
Tot Ion: 83 Resp: 92126

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

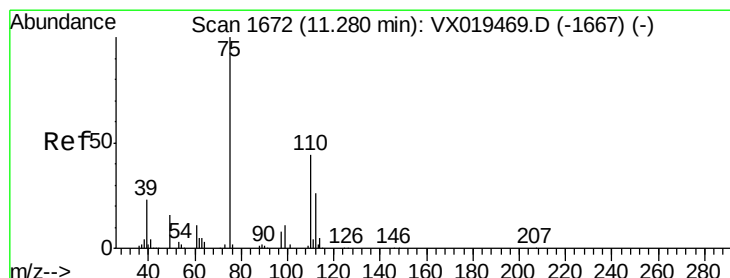
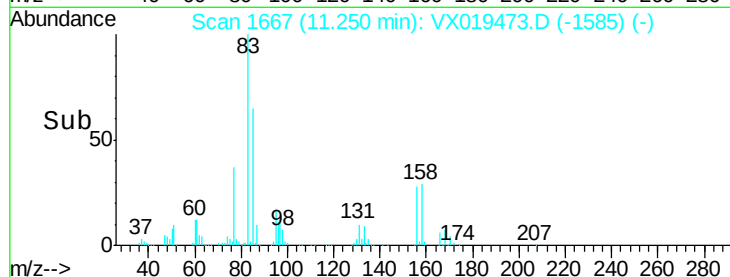
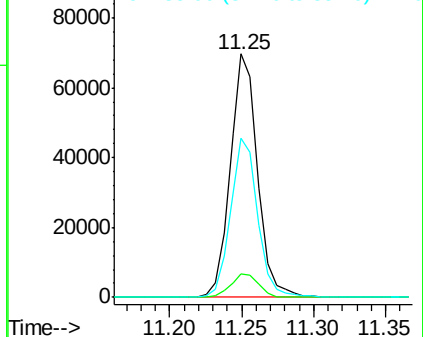
85 65.4 31.6 94.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.077 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019473.D

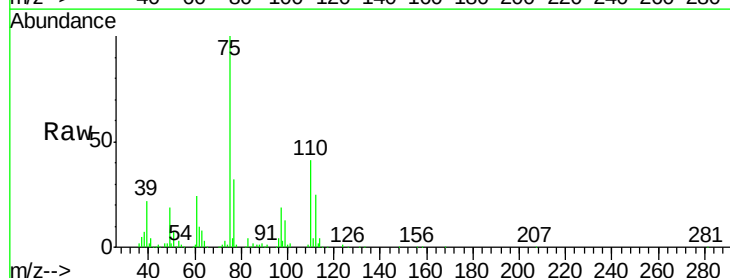
Acq: 19 Nov 2020 18:08

Tgt Ion: 75 Resp: 105580

Ion Ratio Lower Upper

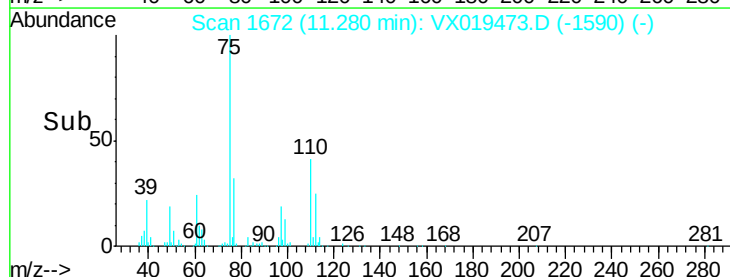
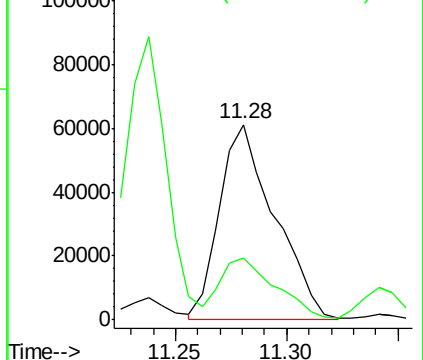
75 100

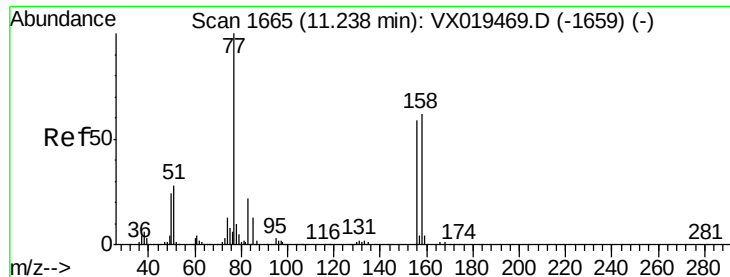
77 32.2 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.296 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

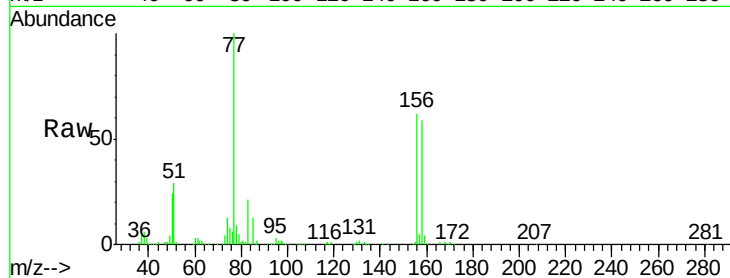
Tot Ion:156 Resp: 68027

Ion Ratio Lower Upper

156 100

77 167.9 0.0 329.0

158 98.3 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

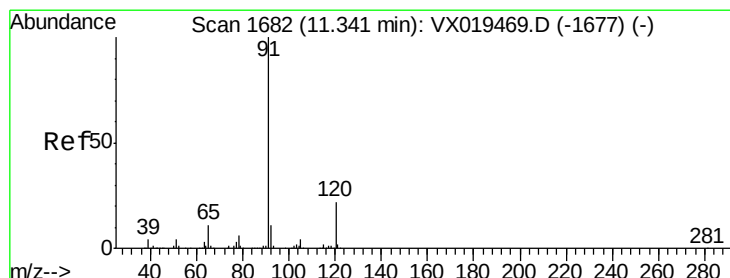
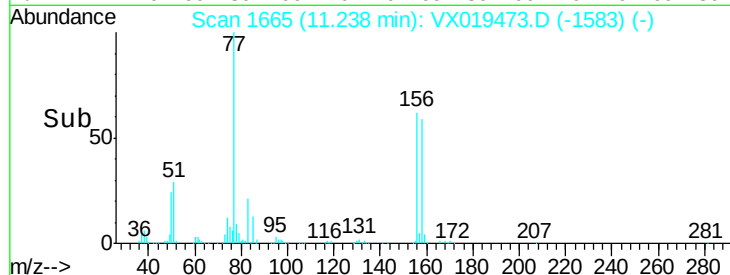
Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V

11.24

Time-->

11.20 11.25 11.30



#74

n-propylbenzene

Concen: 18.520 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019473.D

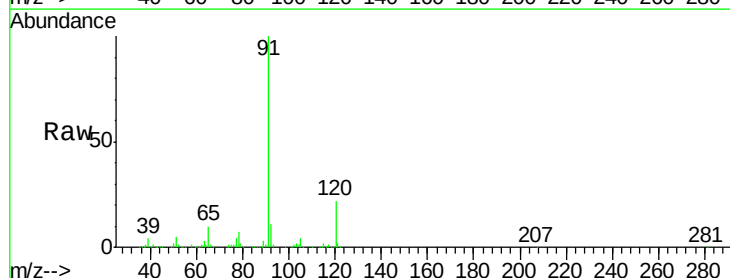
Acq: 19 Nov 2020 18:08

Tgt Ion: 91 Resp: 321020

Ion Ratio Lower Upper

91 100

120 22.0 0.0 45.6



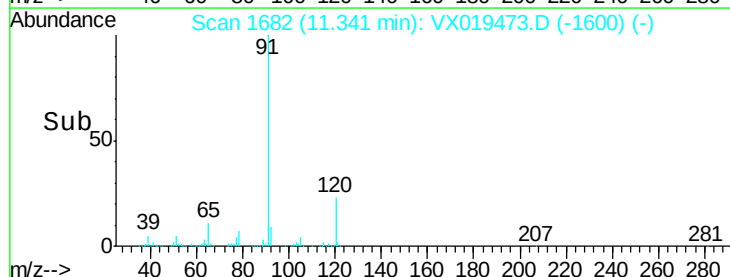
Abundance Ion 91.00 (90.70 to 91.70): VX0

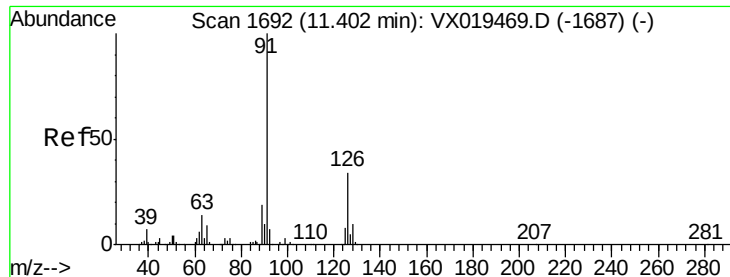
Ion 120.00 (119.70 to 120.70): V

11.34

Time-->

11.30 11.35

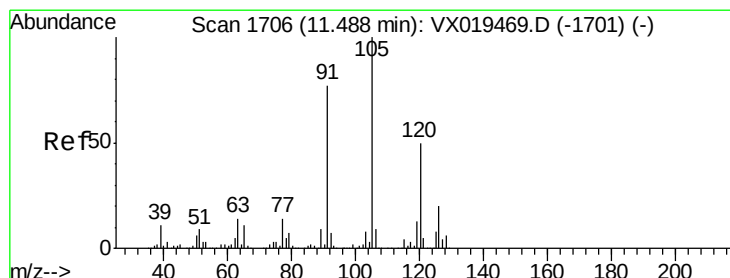
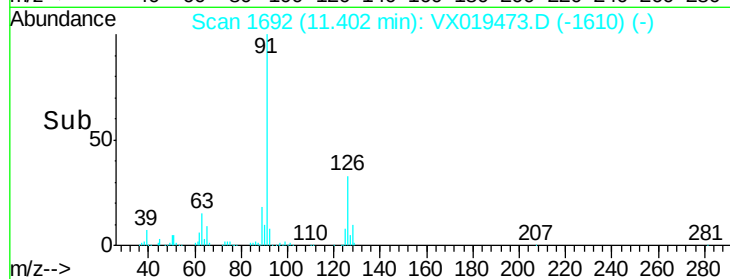
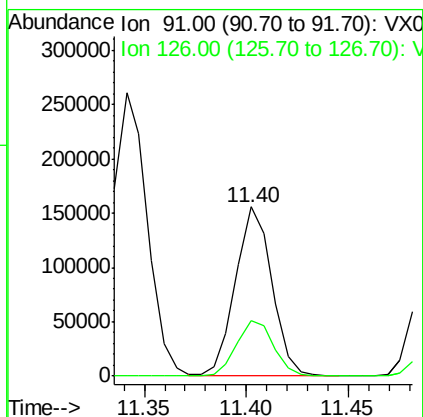
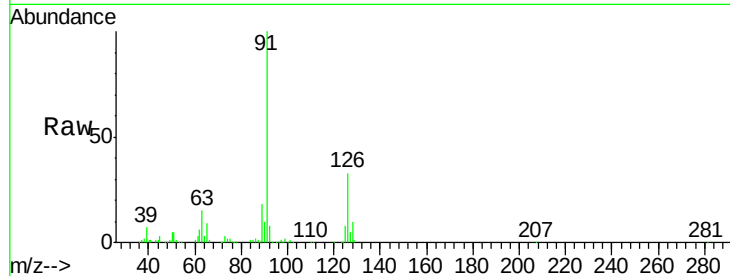




#75
 2-Chlorotoluene
 Concen: 18.677 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

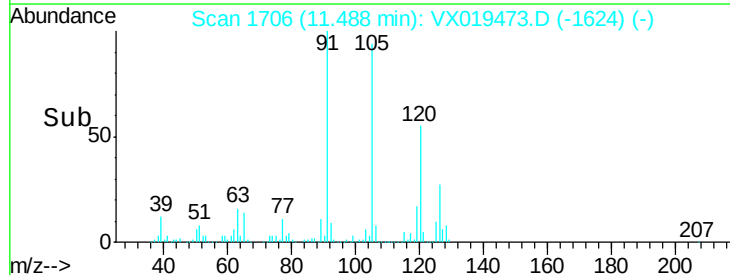
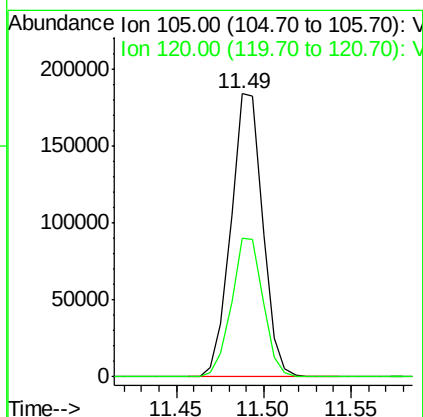
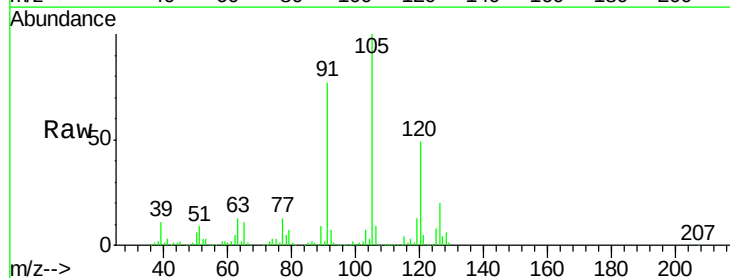
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

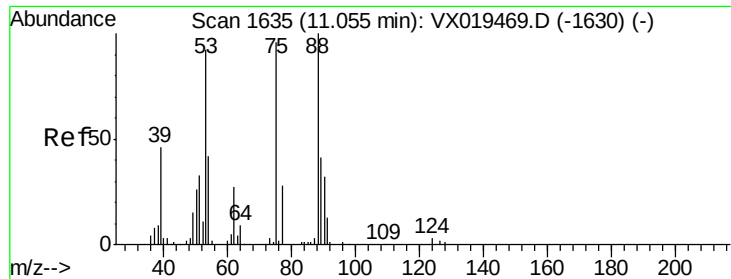
Tot Ion: 91 Resp: 194106
 Ion Ratio Lower Upper
 91 100
 126 33.2 0.0 66.4



#76
 1,3,5-Trimethylbenzene
 Concen: 18.435 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion: 105 Resp: 232861
 Ion Ratio Lower Upper
 105 100
 120 48.4 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.926 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

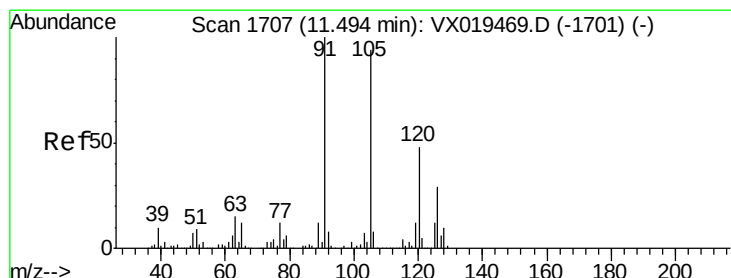
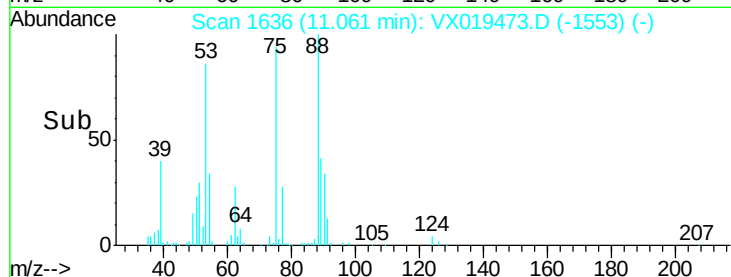
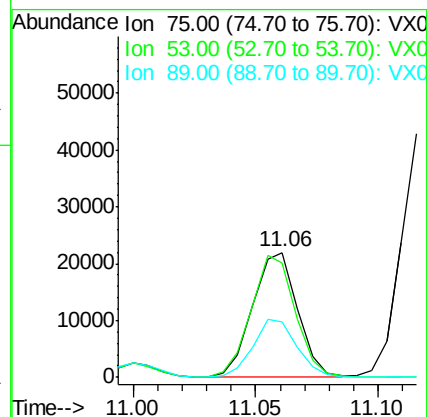
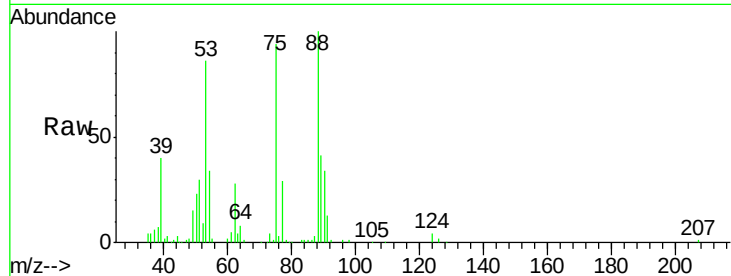
Tot Ion: 75 Resp: 28109

Ion Ratio Lower Upper

75 100

53 92.2 47.9 143.6

89 44.0 21.4 64.2



#78

4-Chlorotoluene

Concen: 18.518 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019473.D

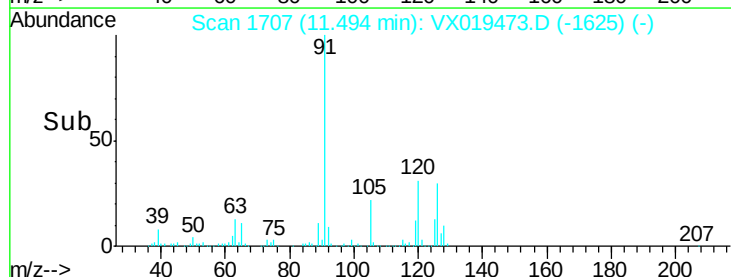
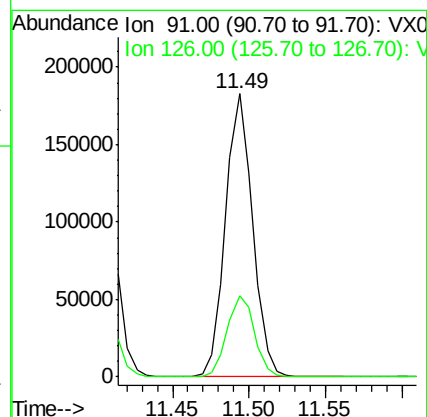
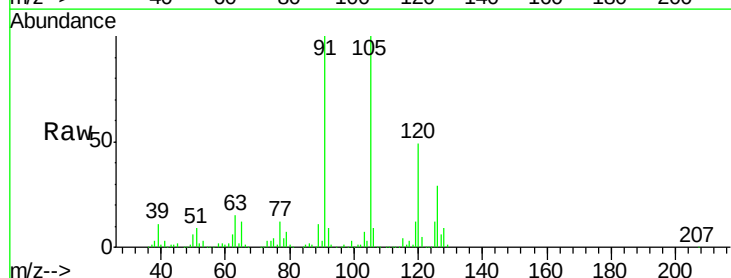
Acq: 19 Nov 2020 18:08

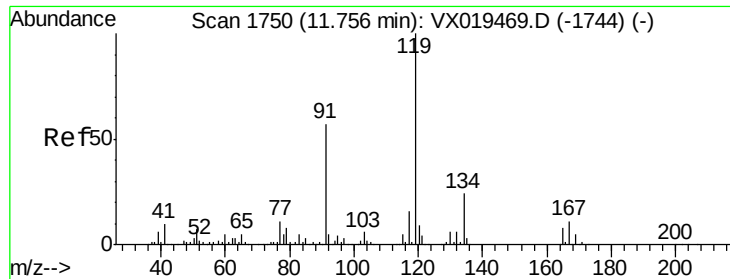
Tgt Ion: 91 Resp: 224952

Ion Ratio Lower Upper

91 100

126 29.0 0.0 58.6

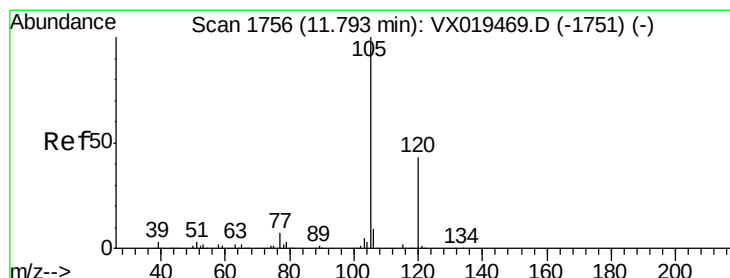
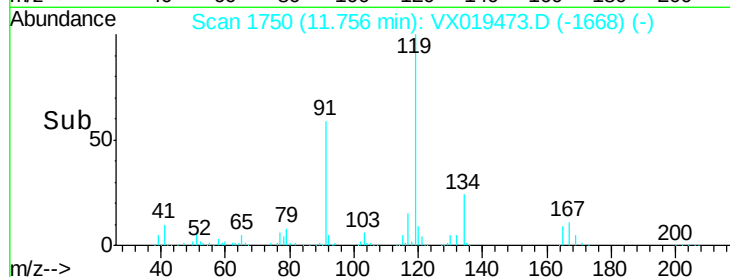
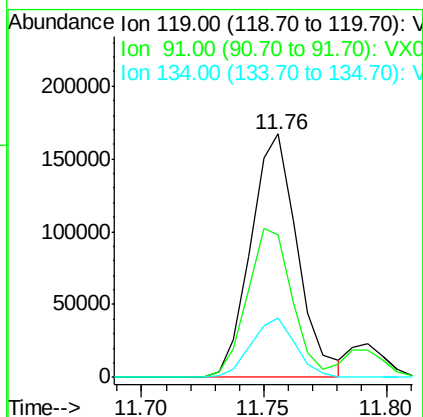
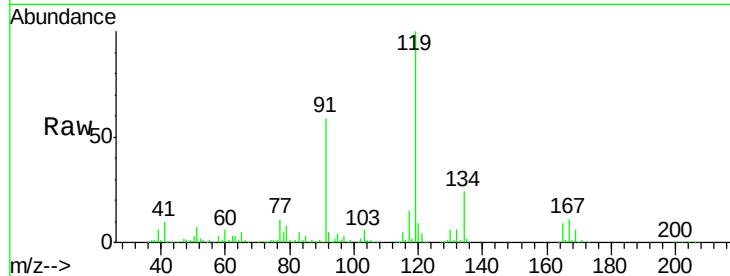




#79
tert-butylbenzene
Concen: 18.382 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

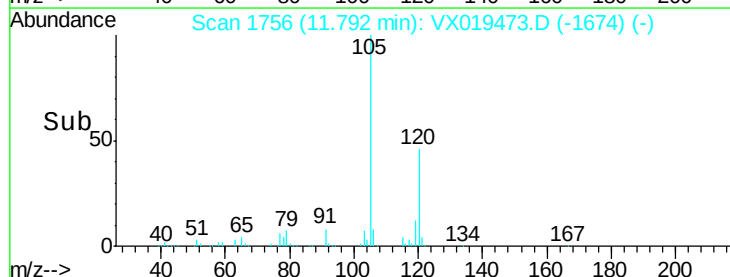
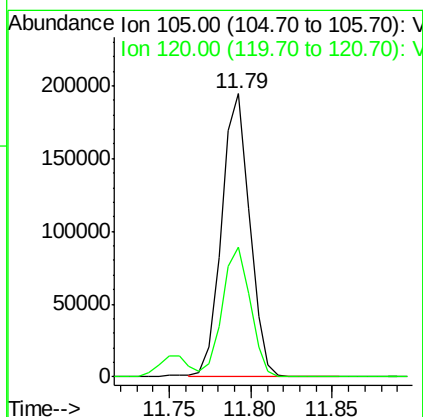
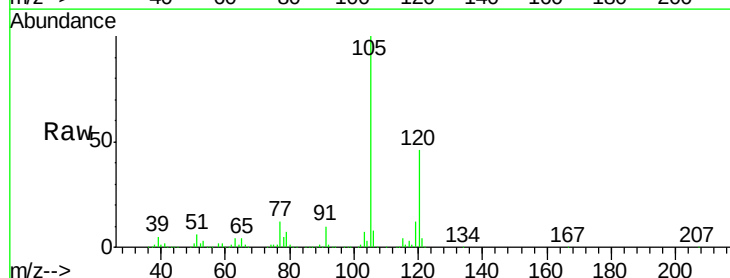
Instrument :
MSVOA_X
ClientSampleId :
ICVVX112020

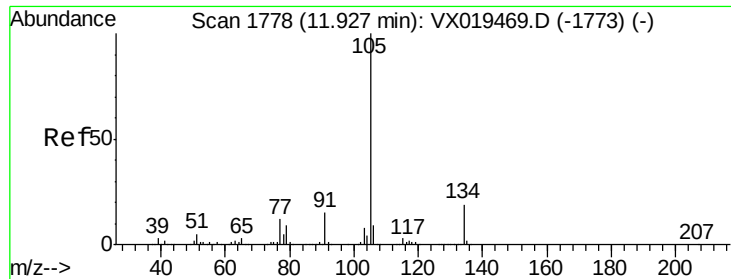
Tot Ion:119 Resp: 222711
Ion Ratio Lower Upper
119 100
91 58.7 0.0 117.0
134 23.3 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 18.366 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019473.D
Acq: 19 Nov 2020 18:08

Tgt Ion:105 Resp: 233131
Ion Ratio Lower Upper
105 100
120 45.8 0.0 91.2

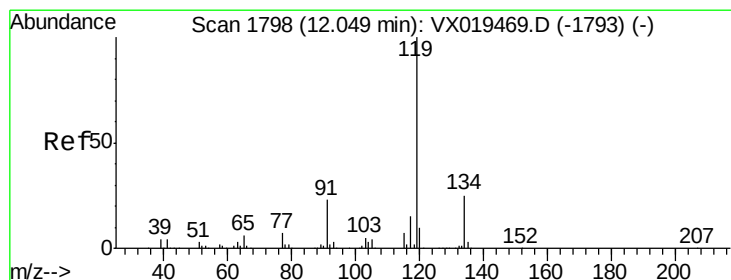
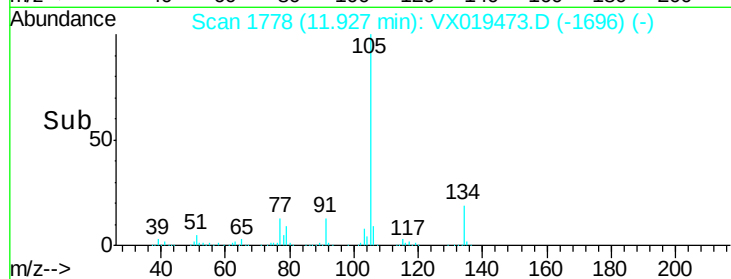
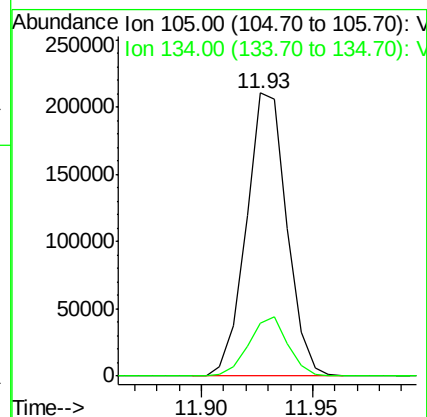
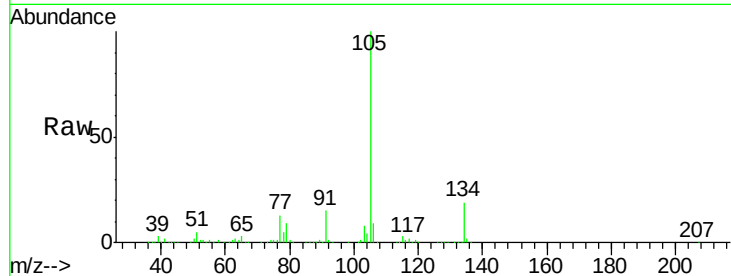




#81
 sec-Butylbenzene
 Concen: 18.362 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

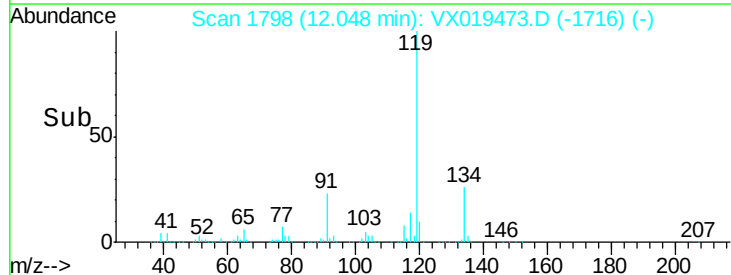
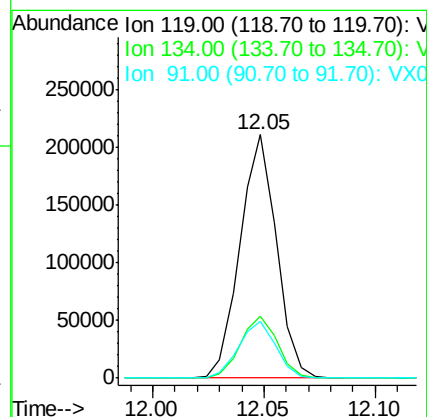
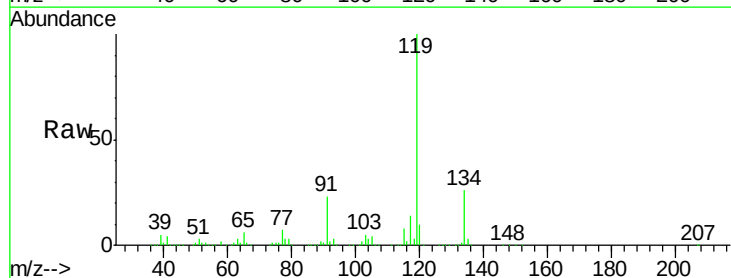
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

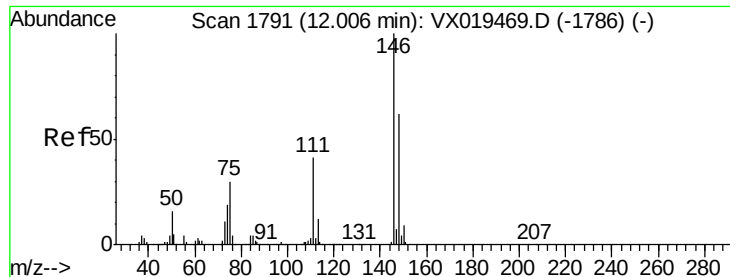
Tot Ion:105 Resp: 267053
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 18.241 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion:119 Resp: 241245
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 23.7 0.0 47.6





#83

1,3-Dichlorobenzene

Concen: 17.984 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampled :

ICVVX112020

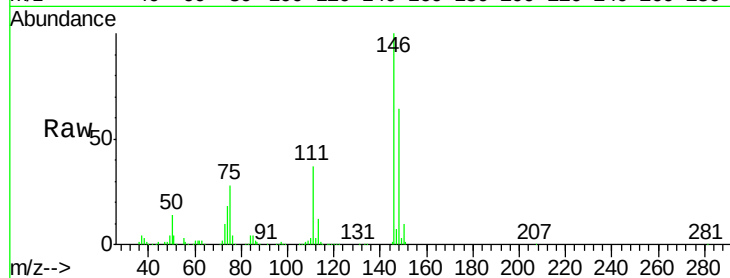
Tot Ion:146 Resp: 123345

Ion Ratio Lower Upper

146 100

111 40.8 20.0 60.0

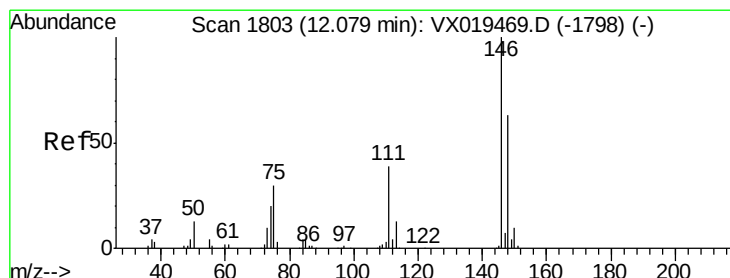
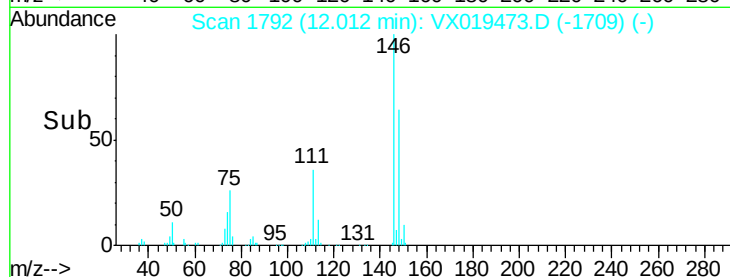
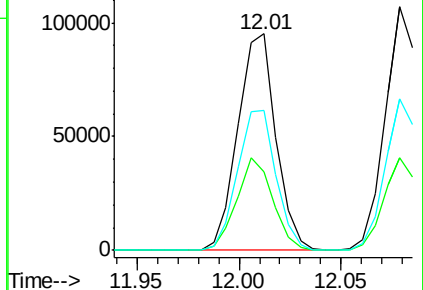
148 65.9 31.4 94.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.755 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

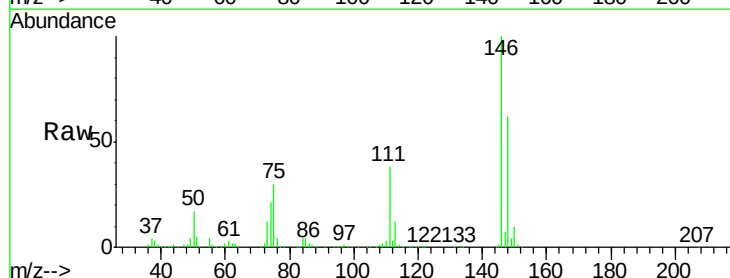
Tgt Ion:146 Resp: 130160

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.9

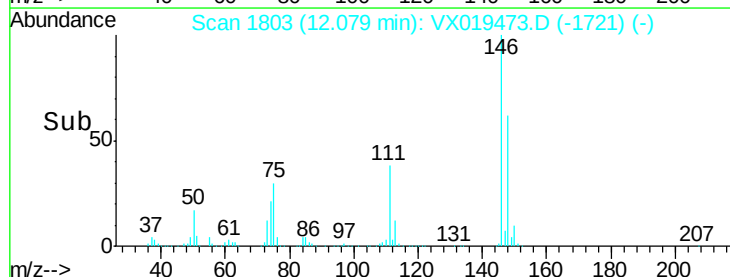
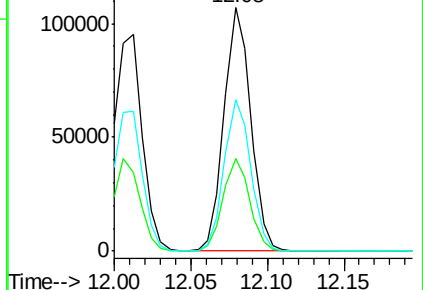
148 61.8 31.4 94.2

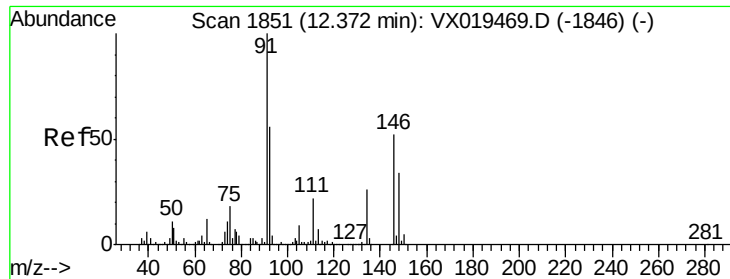


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 17.694 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampled :

ICVVX112020

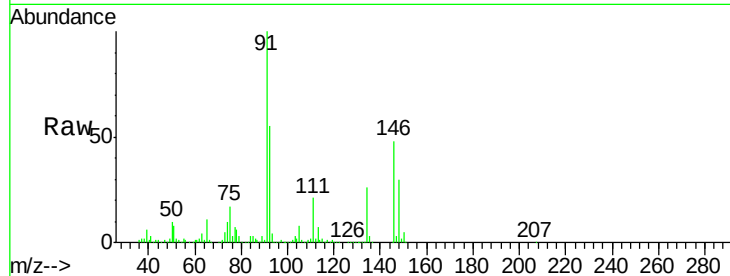
Tot Ion: 91 Resp: 213543

Ion Ratio Lower Upper

91 100

92 54.8 0.0 111.2

134 26.0 0.0 51.2

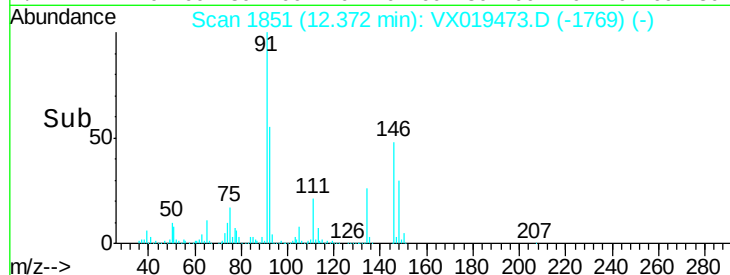


Abundance Ion 91.00 (90.70 to 91.70): VX019469.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX019469.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX019469.D (-1846) (-)

Time-->

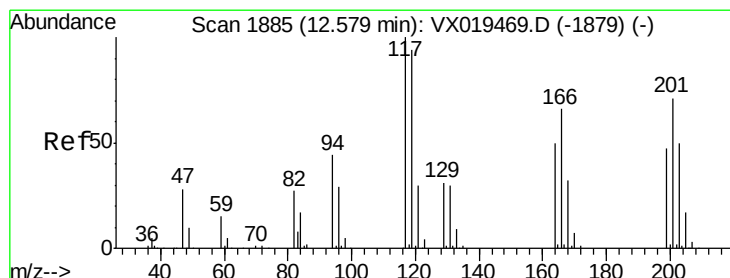


Abundance Ion 91.00 (90.70 to 91.70): VX019473.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): VX019473.D (-1769) (-)

Ion 134.00 (133.70 to 134.70): VX019473.D (-1769) (-)

Time-->



#86

Hexachloroethane

Concen: 17.088 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019473.D

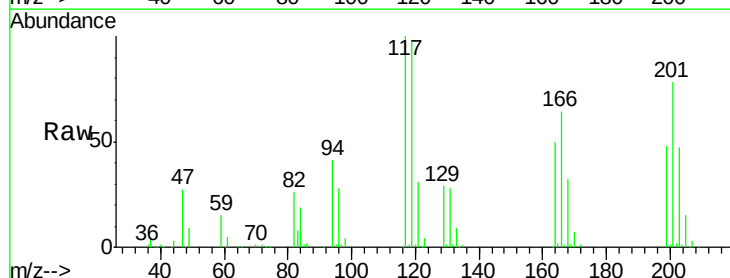
Acq: 19 Nov 2020 18:08

Tgt Ion: 117 Resp: 38038

Ion Ratio Lower Upper

117 100

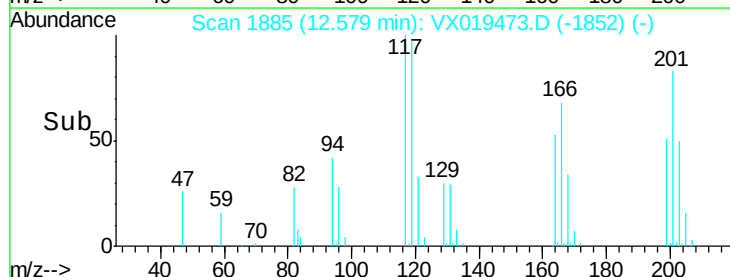
201 79.7 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019469.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX019469.D (-1879) (-)

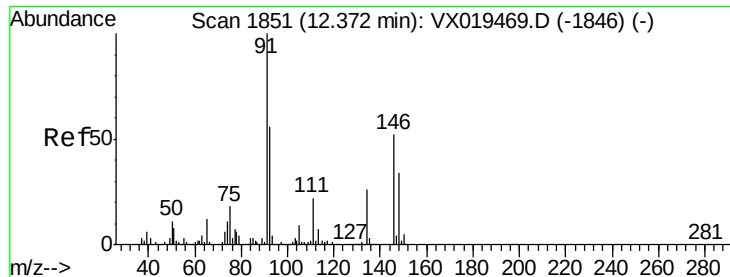
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX019473.D (-1852) (-)

Ion 201.00 (200.70 to 201.70): VX019473.D (-1852) (-)

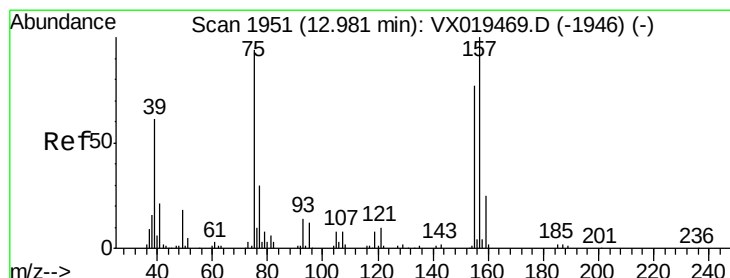
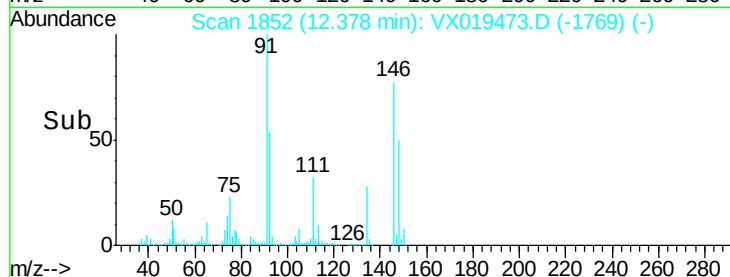
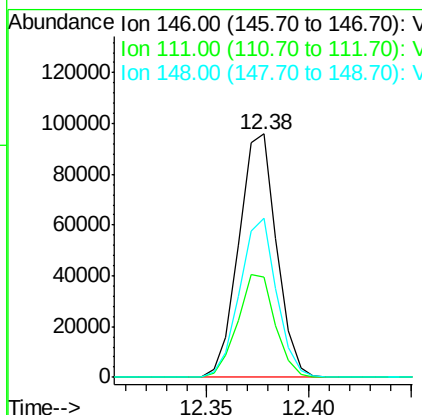
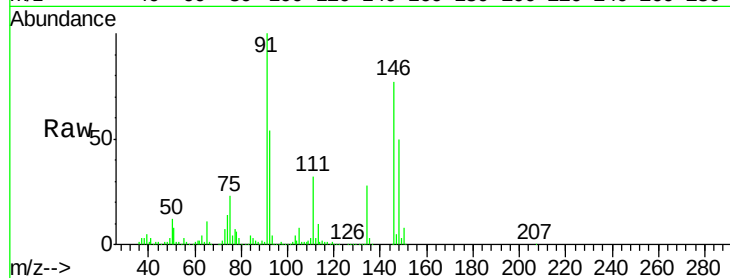
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 18.210 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

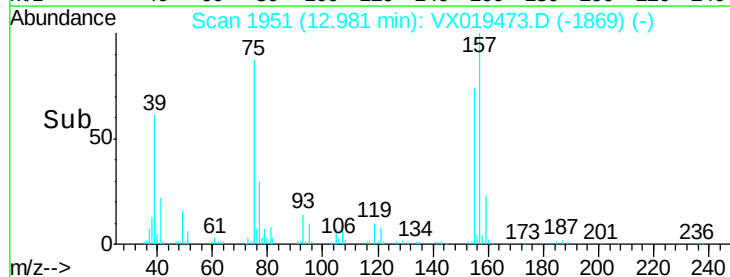
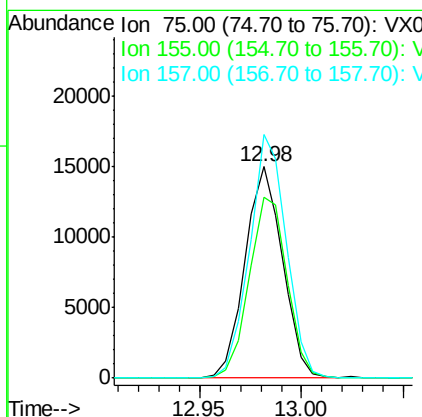
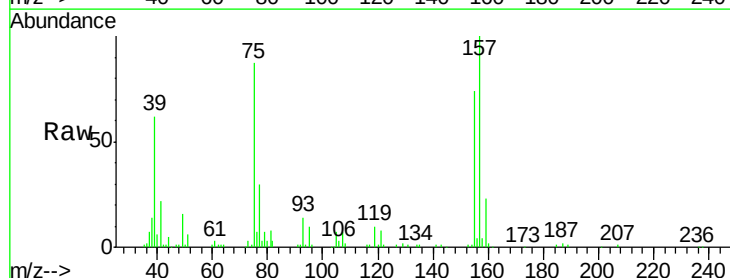
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

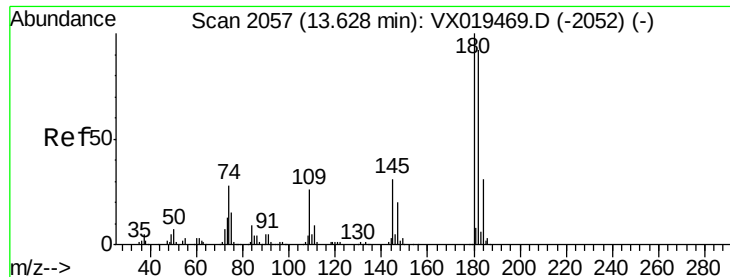
Tot Ion:146 Resp: 123490
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.6
 148 63.4 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.979 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion: 75 Resp: 19232
 Ion Ratio Lower Upper
 75 100
 155 86.6 68.6 103.0
 157 113.1 90.0 135.0

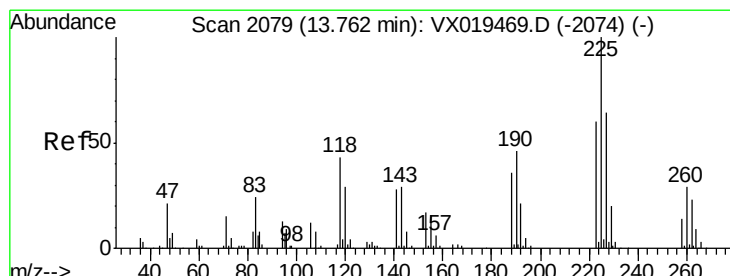
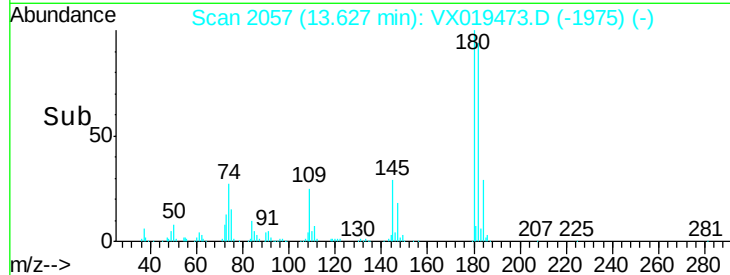
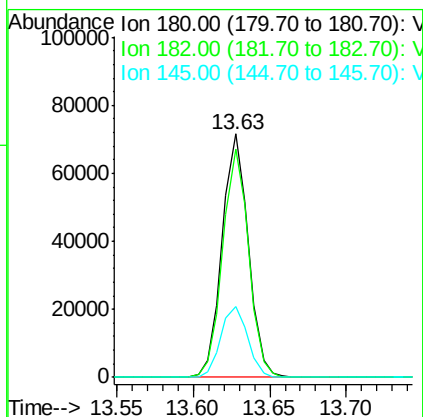
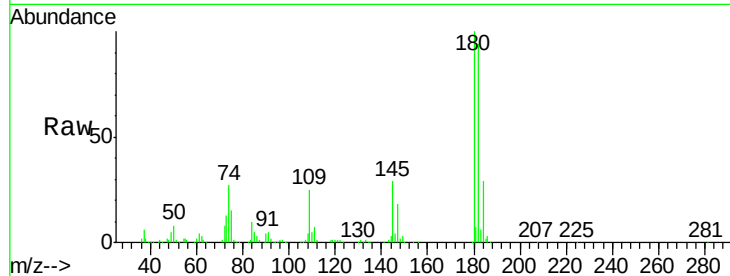




#89
 1,2,4-Trichlorobenzene
 Concen: 18.752 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

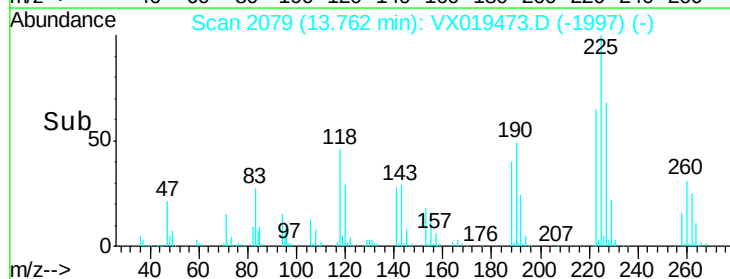
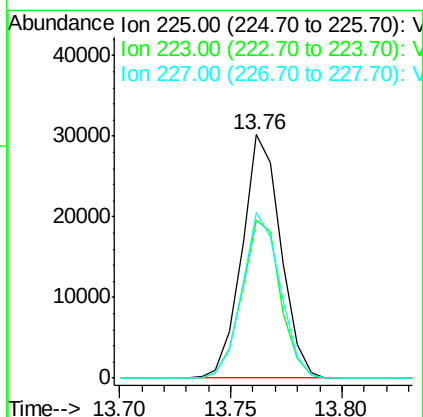
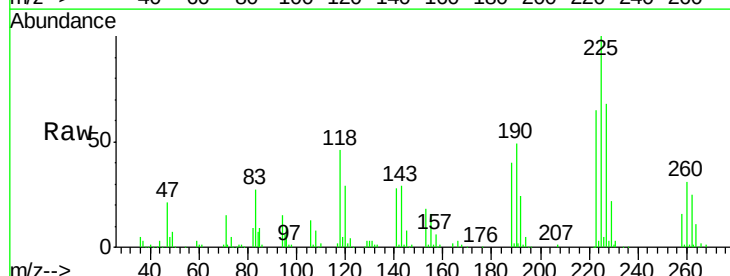
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112020

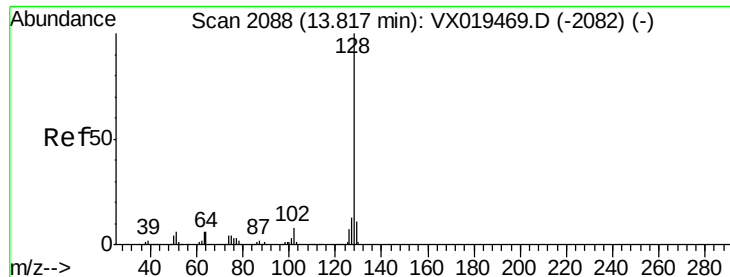
Tot Ion:180 Resp: 84871
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.1 114.1
 145 30.2 24.7 37.1



#90
 Hexachlorobutadiene
 Concen: 17.961 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019473.D
 Acq: 19 Nov 2020 18:08

Tgt Ion:225 Resp: 36542
 Ion Ratio Lower Upper
 225 100
 223 64.6 0.0 119.2
 227 67.3 0.0 126.4





#91

Naphthalene

Concen: 18.634 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112020

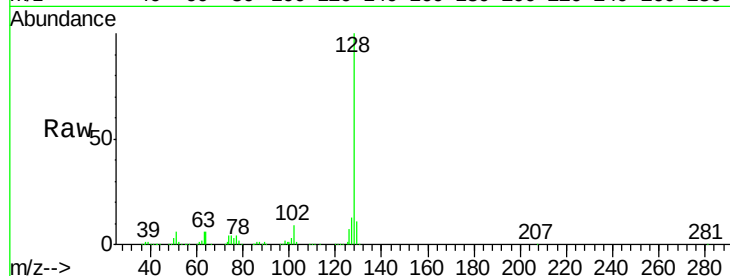
Tot Ion:128 Resp: 268280

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

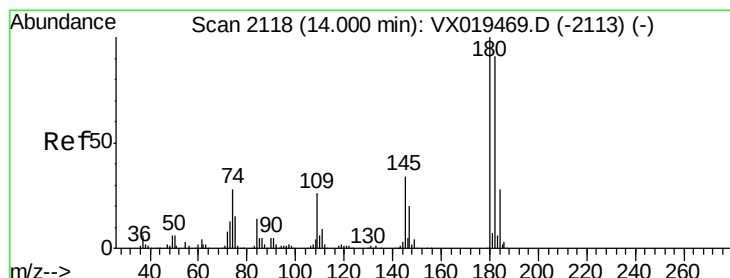
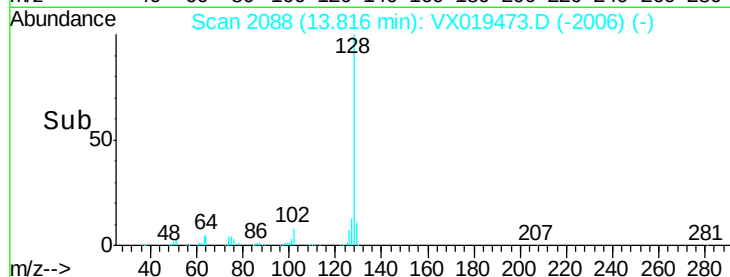
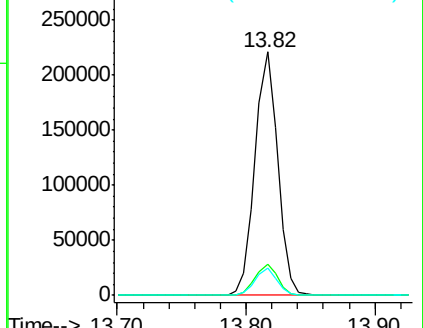
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.399 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019473.D

Acq: 19 Nov 2020 18:08

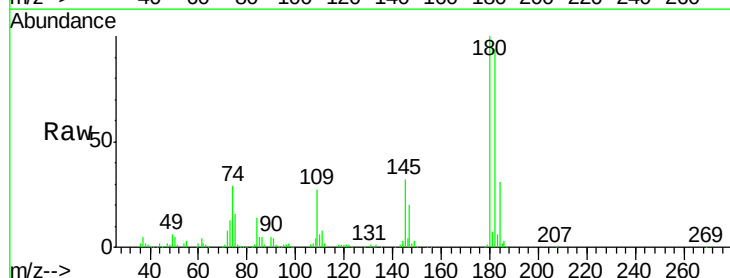
Tgt Ion:180 Resp: 83253

Ion Ratio Lower Upper

180 100

182 94.3 0.0 192.2

145 31.9 0.0 63.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

