

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019475.D
 Acq On : 19 Nov 2020 18:55
 Operator : JC/MD
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Quant Time: Nov 20 01:35:57 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	46411	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	256105	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	244254	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	101413	30.40	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.12	95	118669	29.79	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.30%
63) Toluene-d8	8.70	98	320234	29.41	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	49913	19.348	ug/l 100
3) Chloromethane	1.31	50	57288	19.973	ug/l 99
4) Vinyl Chloride	1.39	62	60081	19.006	ug/l 99
5) Bromomethane	1.62	94	25408	21.107	ug/l 99
6) Chloroethane	1.70	64	23350	25.980	ug/l 99
7) Trichlorofluoromethane	1.90	101	83929	18.634	ug/l 99
8) Diethyl Ether	2.17	74	35292	19.208	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	47821	18.751	ug/l 99
10) 1,1-Dichloroethene	2.35	96	48152	18.740	ug/l 98
11) Methyl Iodide	2.48	142	52381	16.094	ug/l 98
12) Methyl Acetate	2.75	43	60173	19.531	ug/l 99
13) Acrolein	2.27	56	40165	87.187	ug/l 99
14) Acrylonitrile	3.12	53	147962	98.463	ug/l 99
15) Acetone	2.42	58	40732	93.347	ug/l 99
16) Carbon Disulfide	2.54	76	127610	18.763	ug/l 100
17) Allyl chloride	2.70	41	73443	19.013	ug/l 99
18) Methylene Chloride	2.83	84	58855	18.939	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	54819	19.102	ug/l 98
20) Diisopropyl ether	3.82	45	159950	19.285	ug/l 97
21) 1,1-Dichloroethane	3.67	63	96143	19.049	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	63129	19.007	ug/l 99
23) tert-Butyl Alcohol	3.04	59	71278	110.445	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	171352	19.396	ug/l 100
25) Chloroform	5.17	83	100075	18.879	ug/l 100
26) Cyclohexane	5.54	56	80377	18.604	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	73183	18.598	ug/l 98
30) 2-Butanone	4.64	43	191998	96.588	ug/l 100
31) 2,2-Dichloropropane	4.55	77	79309	17.932	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	86142	18.660	ug/l 98
33) Carbon Tetrachloride	5.74	117	71018	18.127	ug/l 97
34) Benzene	6.11	78	228301	18.673	ug/l 97
35) Methacrylonitrile	5.01	41	39803	19.416	ug/l 97
36) 1,2-Dichloroethane	6.16	62	80052	18.917	ug/l 100
37) Trichloroethene	7.18	130	59895	18.479	ug/l 98
38) Methylcyclohexane	7.44	83	85352	17.948	ug/l 99
39) 1,2-Dichloropropane	7.49	63	57519	19.054	ug/l 99
40) Dibromomethane	7.63	93	39903	19.003	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Quant Time: Nov 20 01:35:57 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)
41) Bromodichloromethane	7.87	83	75268	18.239	ug/l	98
42) Vinyl Acetate	3.78	43	673970	94.261	ug/l	99
43) Ethyl Acetate	4.79	43	73509	19.213	ug/l	98
44) Isopropyl Acetate	6.42	43	118057	19.012	ug/l	100
45) 1,4-Dioxane	7.72	88	26766	384.539	ug/l	98
46) Methyl methacrylate	7.74	41	57645	18.967	ug/l	96
47) n-amyl Acetate	10.88	43	97400	18.796	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	81956	18.290	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	91902	18.567	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	59573	18.944	ug/l	95
51) Ethyl methacrylate	9.16	69	86227	19.161	ug/l	100
52) 1,3-Dichloropropane	9.35	76	101418	19.311	ug/l	100
53) Dibromochloromethane	9.56	129	57223	18.256	ug/l	99
54) 1,2-Dibromoethane	9.65	107	61556	18.933	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	229261	92.583	ug/l	99
56) Bromoform	10.84	173	41050	18.481	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	376546	96.498	ug/l	100
59) 2-Hexanone	9.48	43	282138	93.744	ug/l	100
61) Tetrachloroethene	9.32	164	59533	18.704	ug/l	92
62) Toluene	8.76	91	250627	18.345	ug/l	99
64) Chlorobenzene	10.12	112	156552	18.814	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	55967	18.270	ug/l	98
66) Ethyl Benzene	10.23	91	276330	18.459	ug/l	100
67) m/p-Xylenes	10.34	106	207899	37.082	ug/l	99
68) o-Xylene	10.68	106	99489	18.721	ug/l	99
69) Styrene	10.70	104	166304	18.367	ug/l	99
70) Isopropylbenzene	11.00	105	268344	18.627	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	91179	18.539	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	104166	23.559	ug/l	88
73) Bromobenzene	11.24	156	66800	18.591	ug/l	99
74) n-propylbenzene	11.34	91	311867	18.618	ug/l	99
75) 2-Chlorotoluene	11.40	91	188717	18.789	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	227694	18.653	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	26695	17.616	ug/l	94
78) 4-Chlorotoluene	11.49	91	217861	18.557	ug/l	100
79) tert-butylbenzene	11.76	119	214561	18.325	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	225880	18.413	ug/l	99
81) sec-Butylbenzene	11.93	105	259969	18.497	ug/l	100
82) p-Isopropyltoluene	12.05	119	231435	18.107	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	122457	18.476	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	123370	18.395	ug/l	99
85) n-Butylbenzene	12.37	91	205304	17.603	ug/l	99
86) Hexachloroethane	12.58	117	36524	16.978	ug/l	98
87) 1,2-Dichlorobenzene	12.37	146	117949	17.998	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18453	17.850	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	75488	17.259	ug/l	99
90) Hexachlorobutadiene	13.76	225	34710	17.654	ug/l	98
91) Naphthalene	13.82	128	249703	17.946	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	77597	17.745	ug/l	98

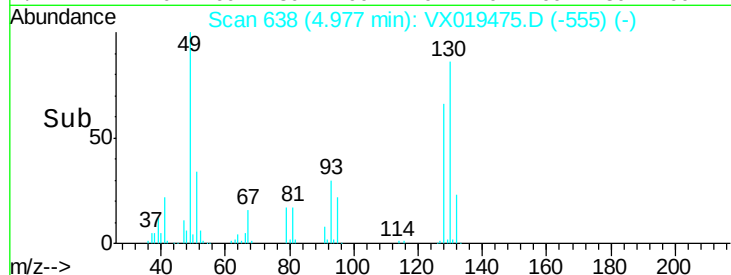
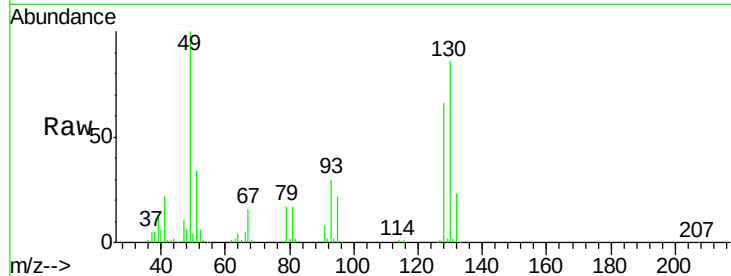
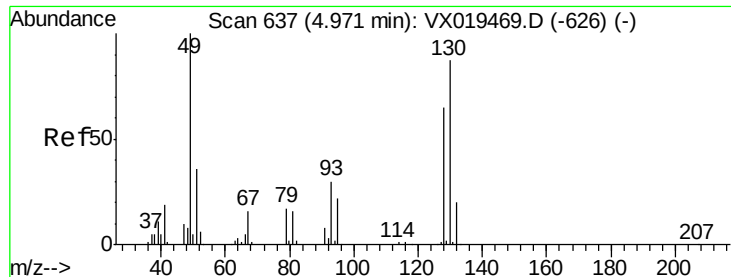
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
Data File : VX019475.D
Acq On : 19 Nov 2020 18:55
Operator : JC/MD
Sample : VX1120WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Quant Time: Nov 20 01:35:57 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
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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: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

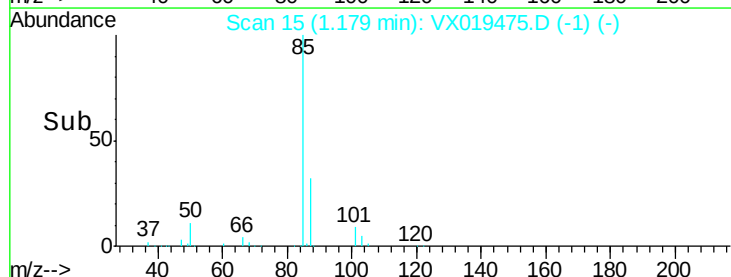
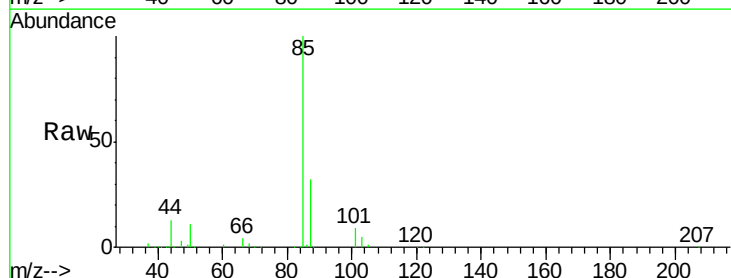
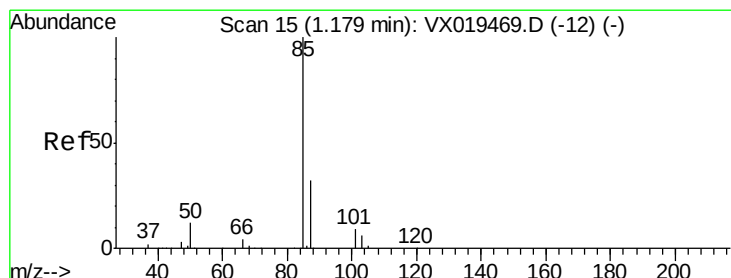
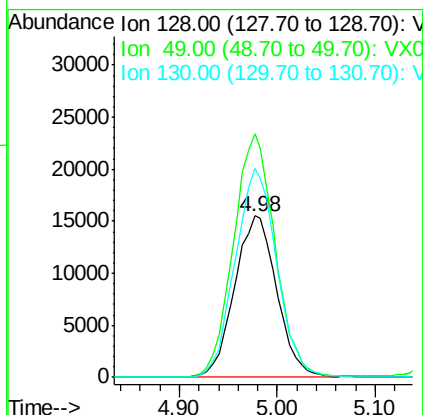
Tot Ion:128 Resp: 46411

Ion Ratio Lower Upper

128 100

49 149.0 0.0 377.8

130 128.2 0.0 324.0



#2

Dichlorodifluoromethane

Concen: 19.348 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX019475.D

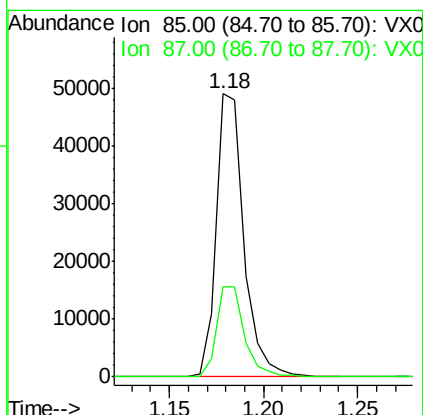
Acq: 19 Nov 2020 18:55

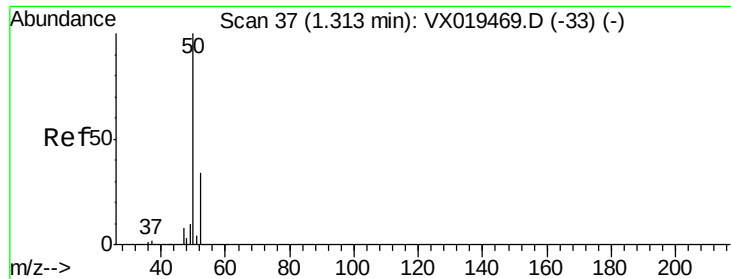
Tgt Ion: 85 Resp: 49913

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9





#3

Chloromethane

Concen: 19.973 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

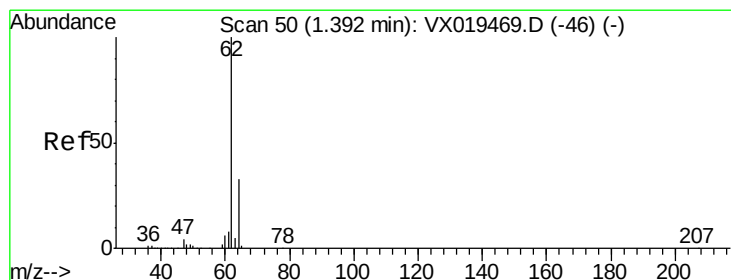
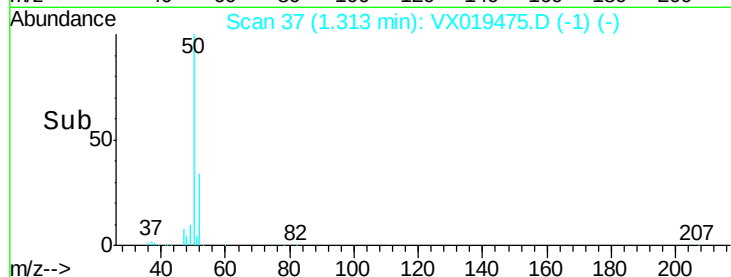
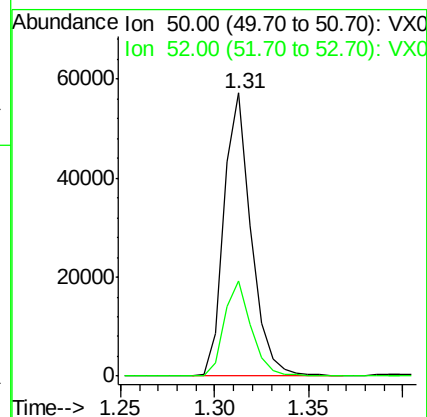
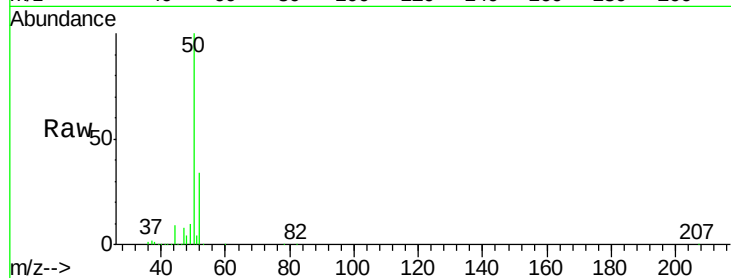
VX1120WBS01

Tot Ion: 50 Resp: 57288

Ion Ratio Lower Upper

50 100

52 33.8 27.5 41.3



#4

Vinyl Chloride

Concen: 19.006 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019475.D

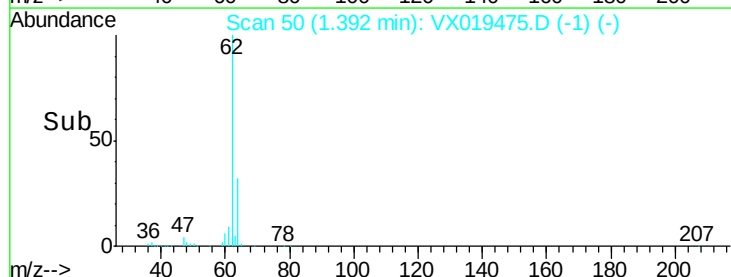
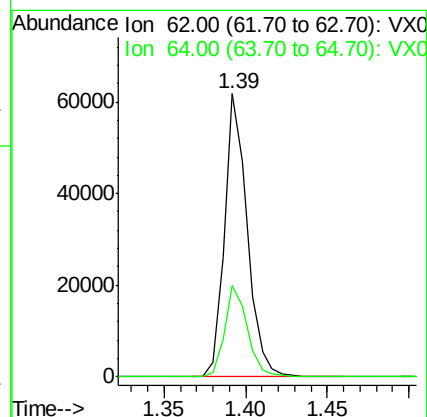
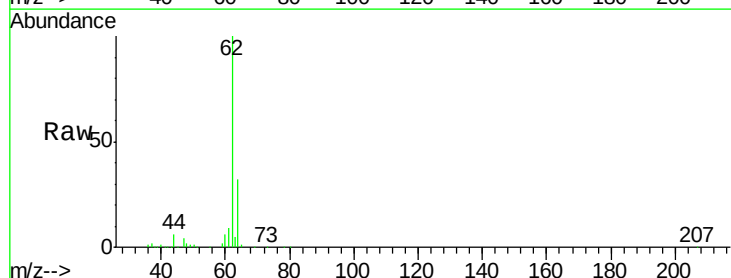
Acq: 19 Nov 2020 18:55

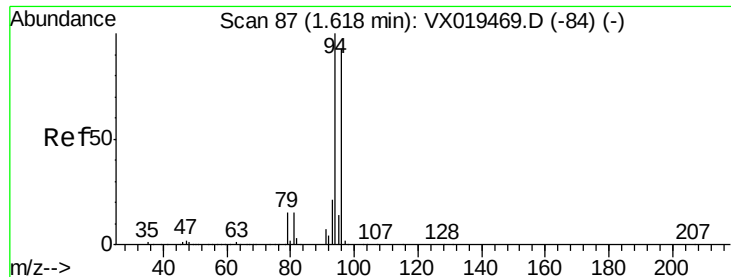
Tgt Ion: 62 Resp: 60081

Ion Ratio Lower Upper

62 100

64 32.5 26.4 39.6





#5

Bromomethane

Concen: 21.107 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

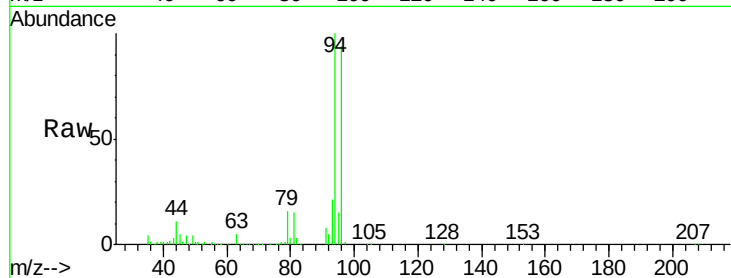
VX1120WBS01

Tot Ion: 94 Resp: 25408

Ion Ratio Lower Upper

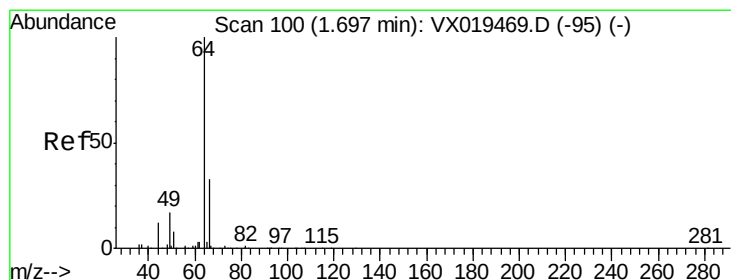
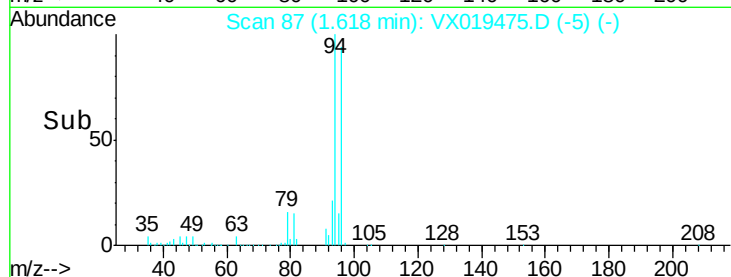
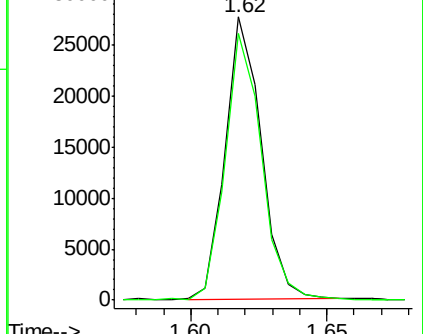
94 100

96 94.2 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: 25.980 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX019475.D

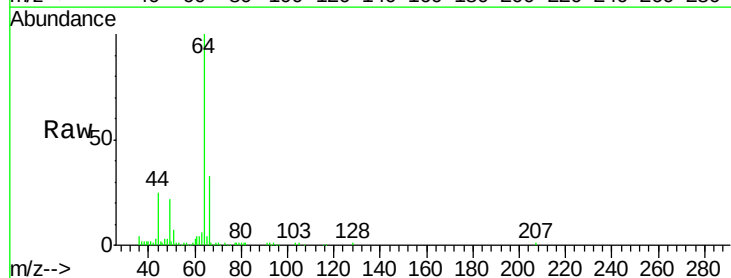
Acq: 19 Nov 2020 18:55

Tgt Ion: 64 Resp: 23350

Ion Ratio Lower Upper

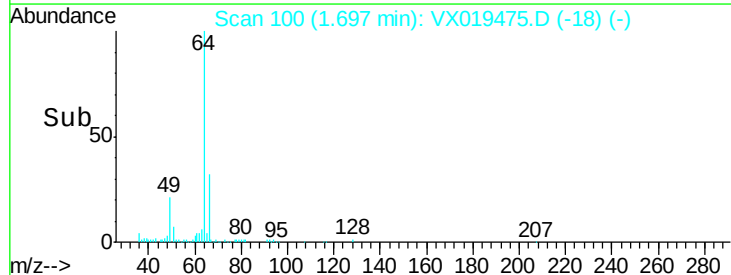
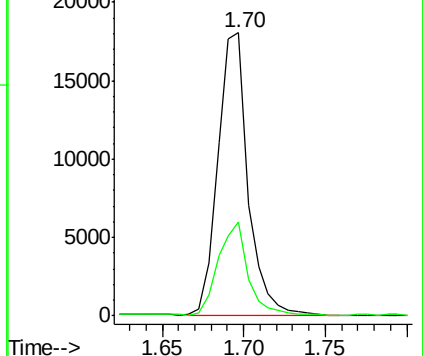
64 100

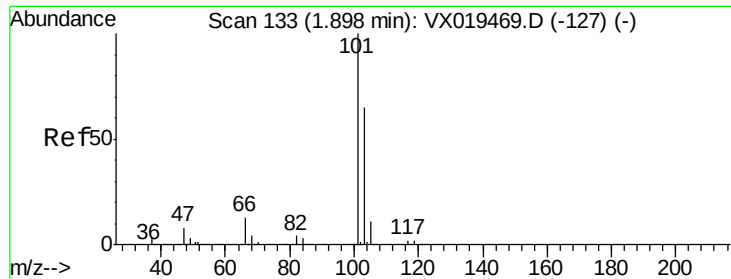
66 32.9 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



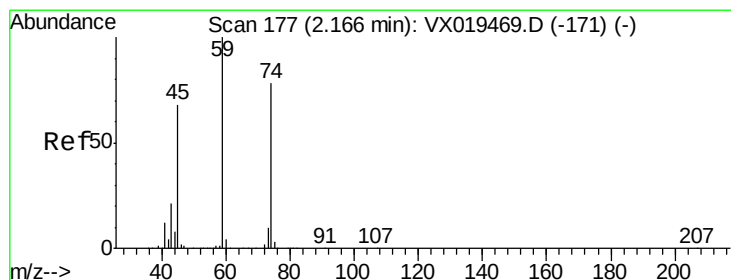
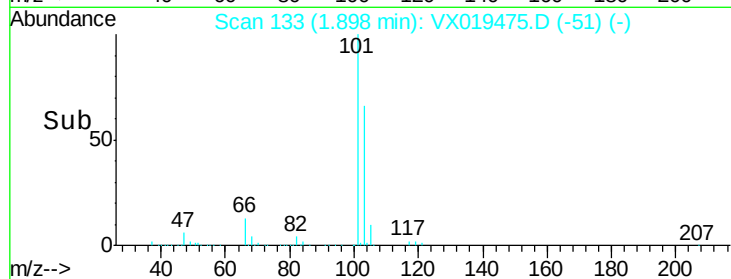
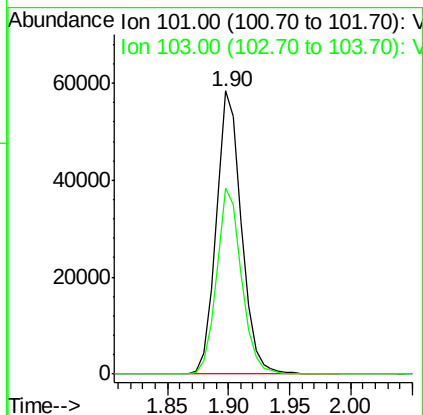
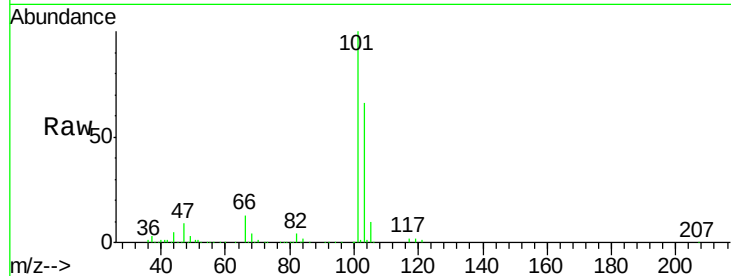


#7

Trichlorofluoromethane
 Concen: 18.634 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
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 VX1120WBS01

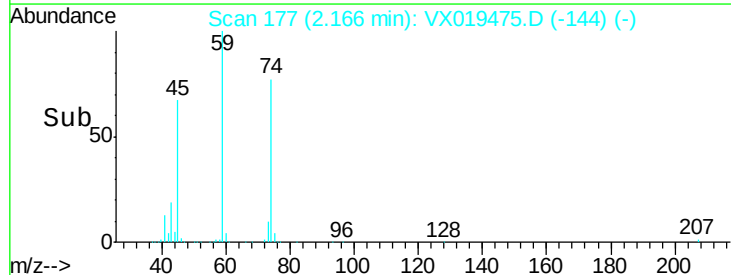
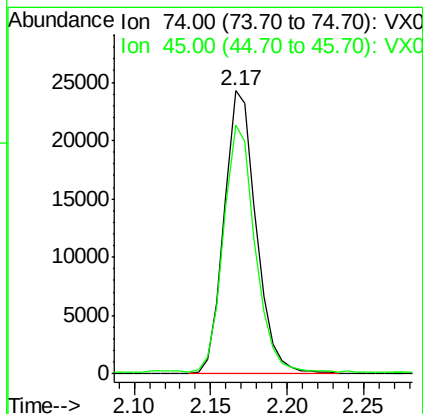
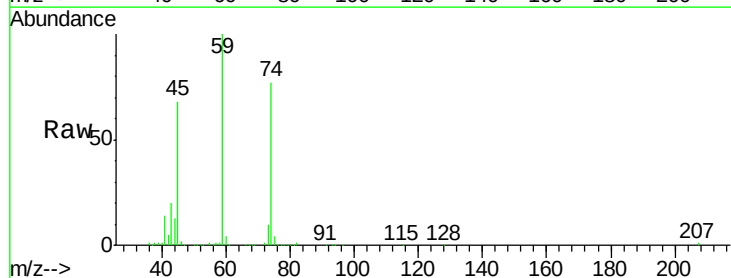
Tot Ion:101 Resp: 83929
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.6

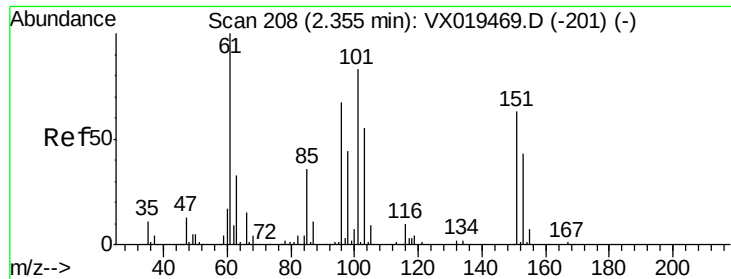


#8

Diethyl Ether
 Concen: 19.208 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 74 Resp: 35292
 Ion Ratio Lower Upper
 74 100
 45 85.3 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.751 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

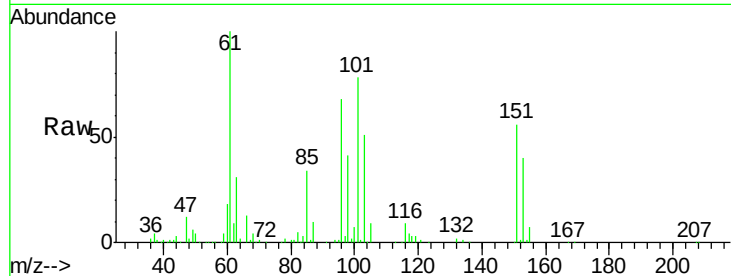
Tot Ion:101 Resp: 47821

Ion Ratio Lower Upper

101 100

85 43.6 0.0 88.8

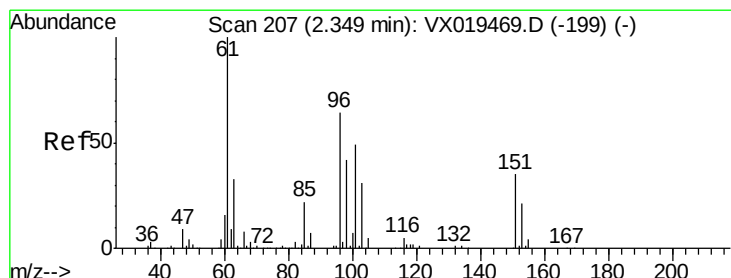
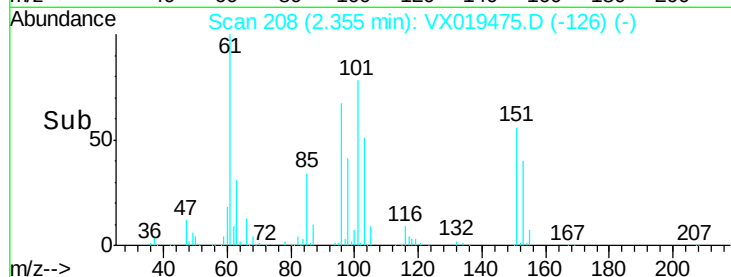
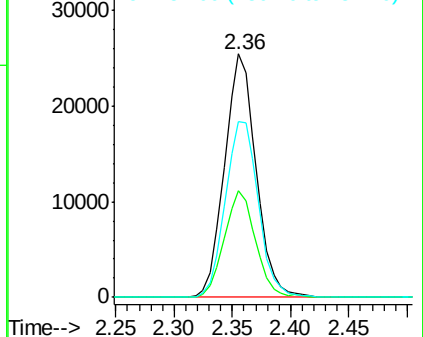
151 75.7 0.0 153.0



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: 18.740 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

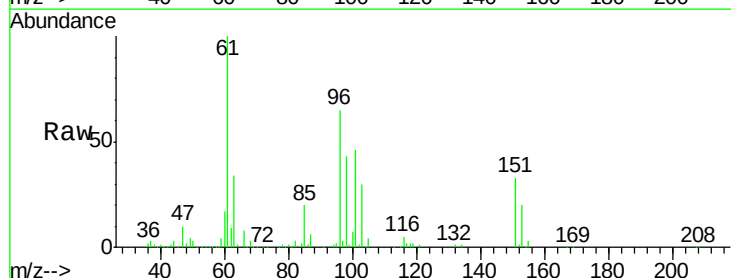
Tgt Ion: 96 Resp: 48152

Ion Ratio Lower Upper

96 100

61 153.6 125.4 188.2

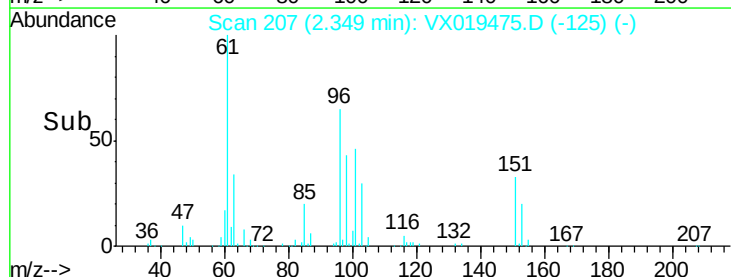
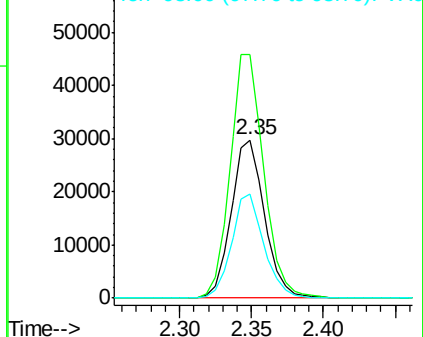
98 66.2 52.4 78.6

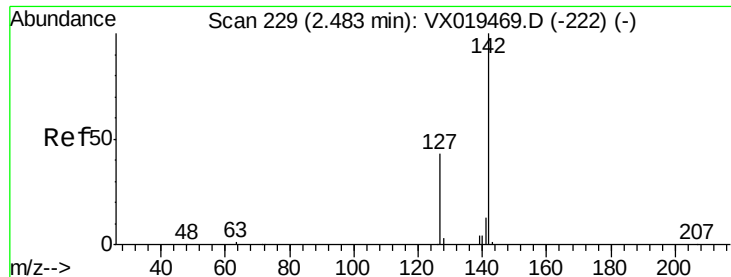


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

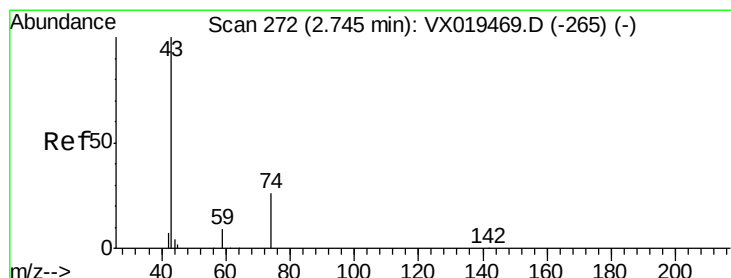
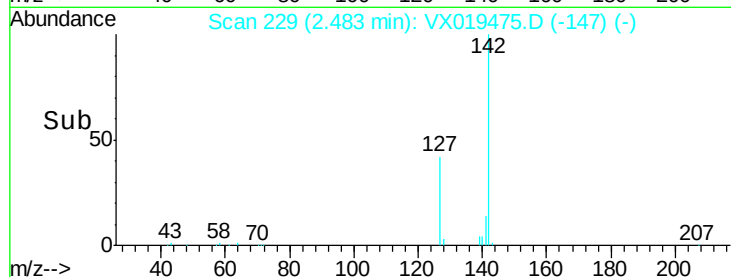
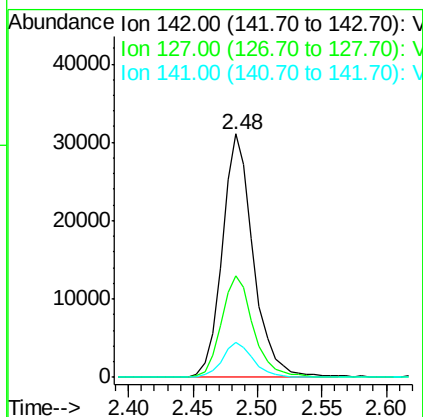
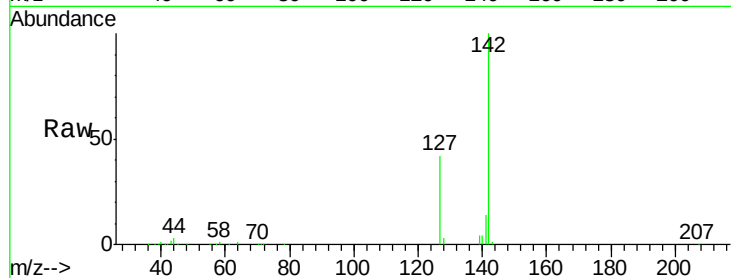




#11
Methyl Iodide
Concen: 16.094 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

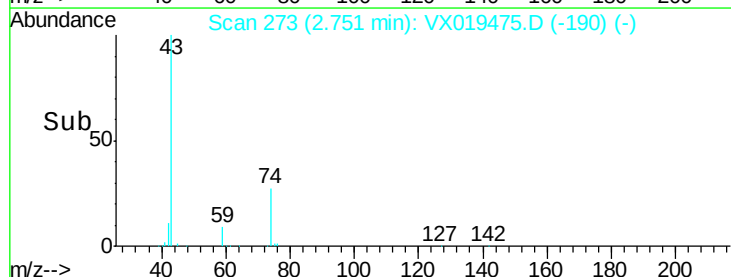
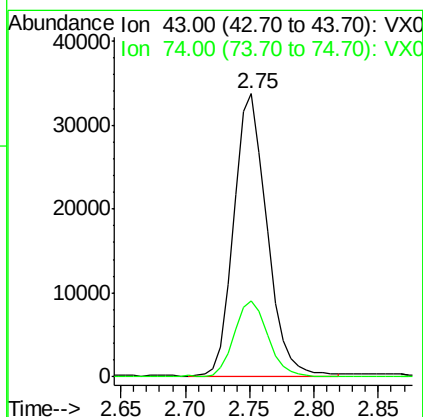
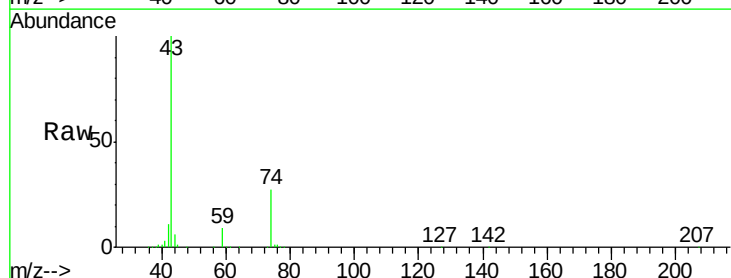
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

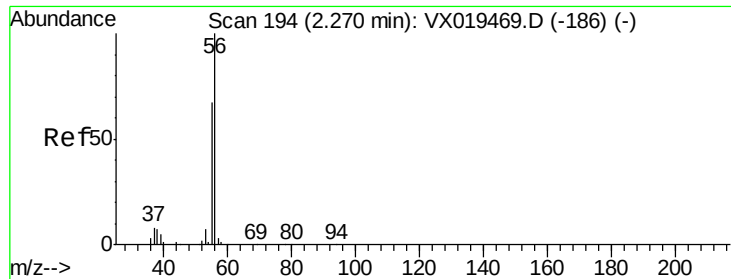
Tot Ion:142 Resp: 52381
Ion Ratio Lower Upper
142 100
127 41.8 21.3 64.0
141 14.2 6.7 20.0



#12
Methyl Acetate
Concen: 19.531 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion: 43 Resp: 60173
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1





#13

Acrolein

Concen: 87.187 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

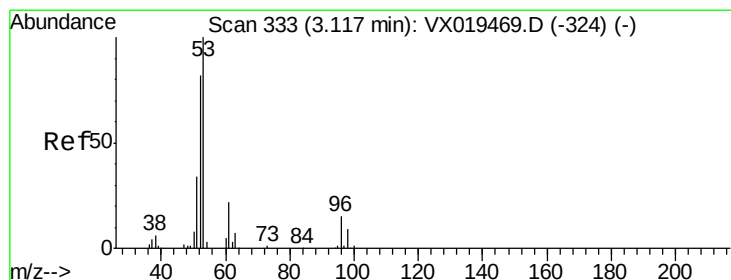
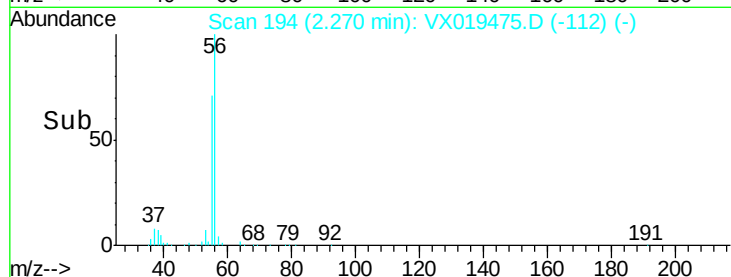
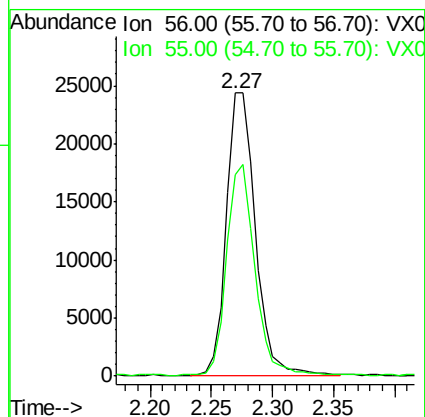
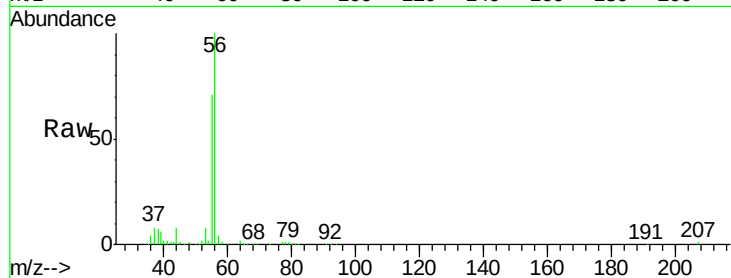
VX1120WBS01

Tot Ion: 56 Resp: 40165

Ion Ratio Lower Upper

56 100

55 71.4 56.5 84.7



#14

Acrylonitrile

Concen: 98.463 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

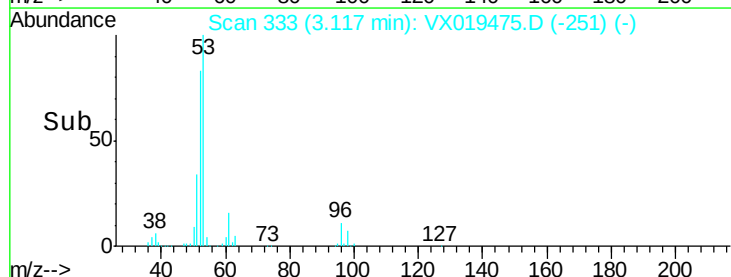
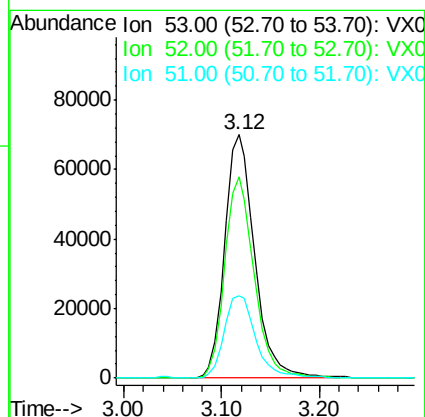
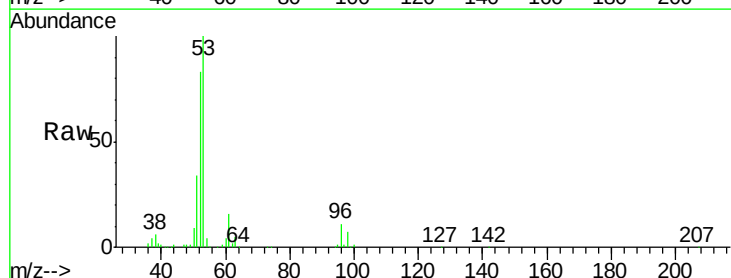
Tgt Ion: 53 Resp: 147962

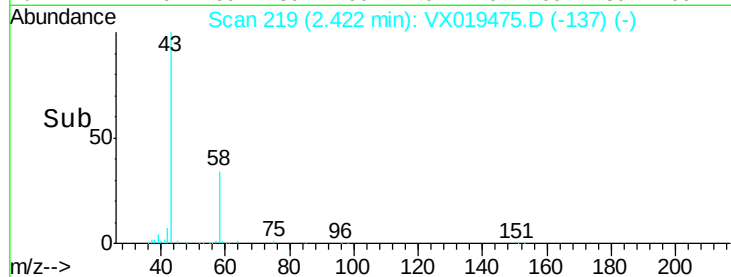
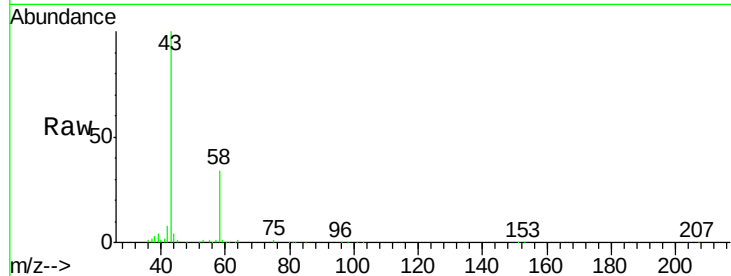
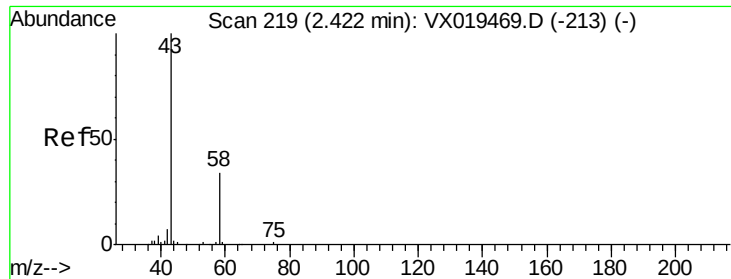
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.7

51 36.2 17.8 53.3





#15

Acetone

Concen: 93.347 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

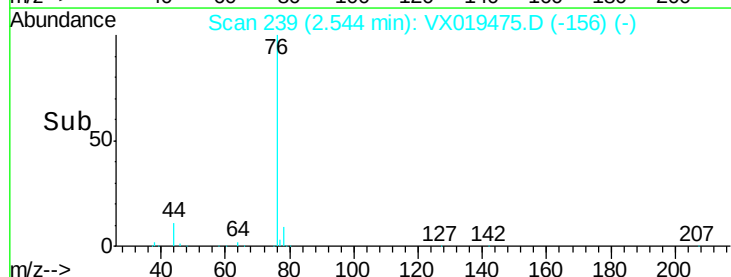
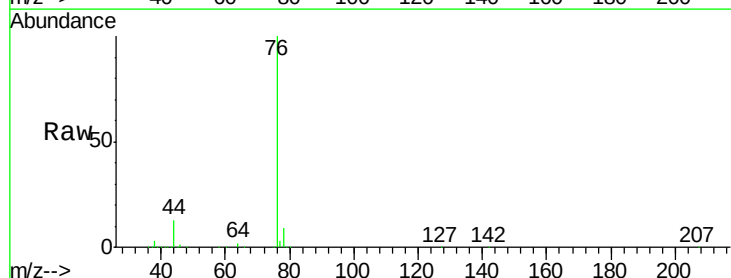
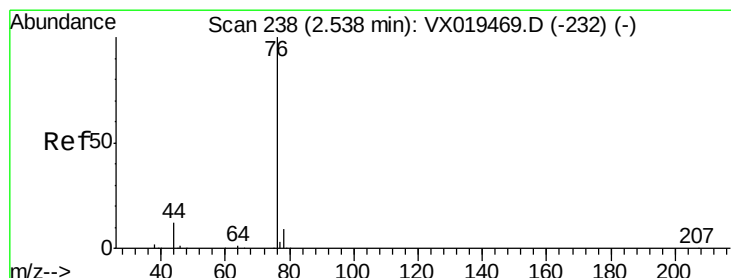
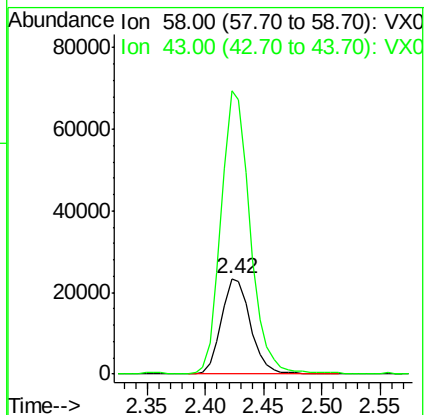
VX1120WBS01

Tot Ion: 58 Resp: 40732

Ion Ratio Lower Upper

58 100

43 296.7 236.3 354.5



#16

Carbon Disulfide

Concen: 18.763 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VX019475.D

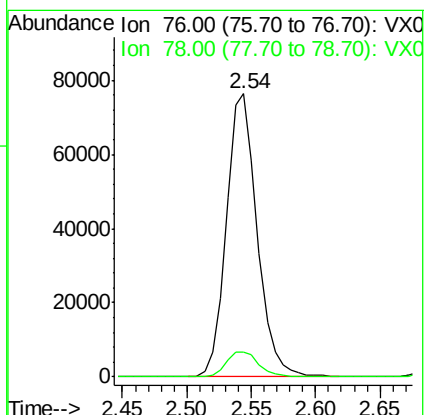
Acq: 19 Nov 2020 18:55

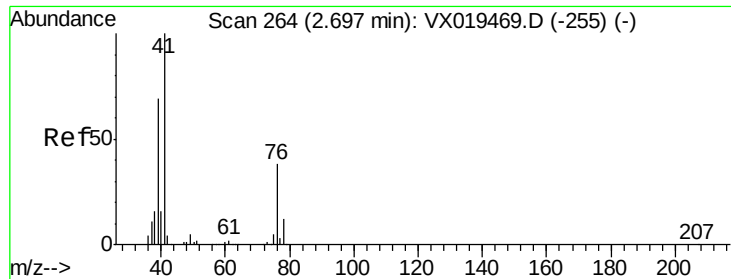
Tgt Ion: 76 Resp: 127610

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

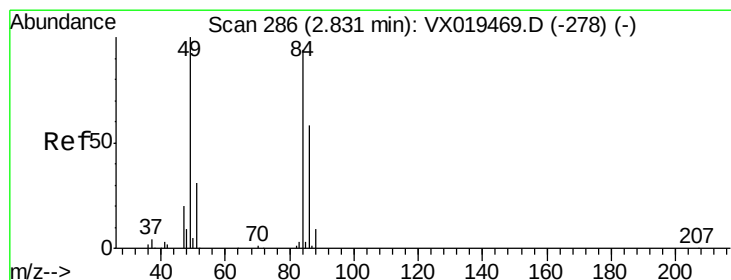
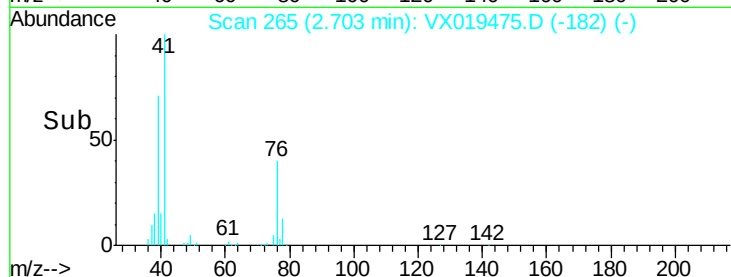
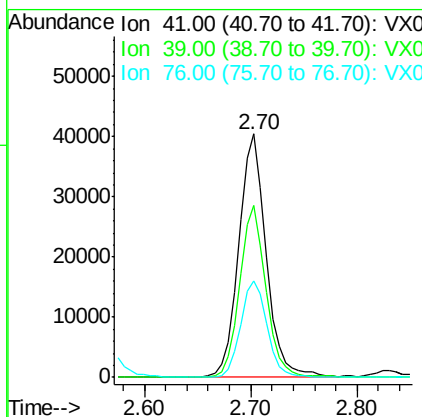
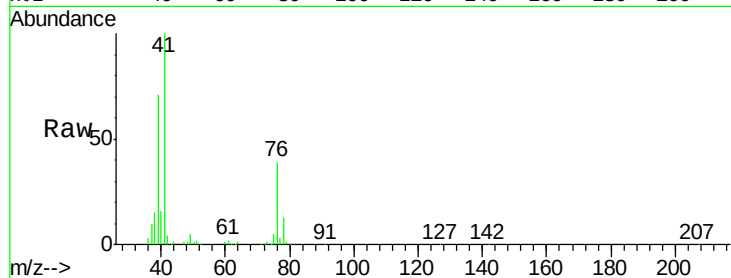




#17
Allvl chloride
Concen: 19.013 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

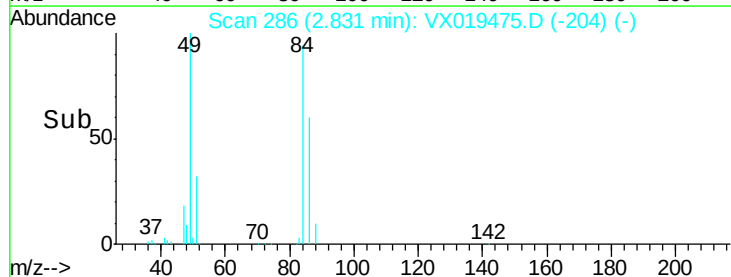
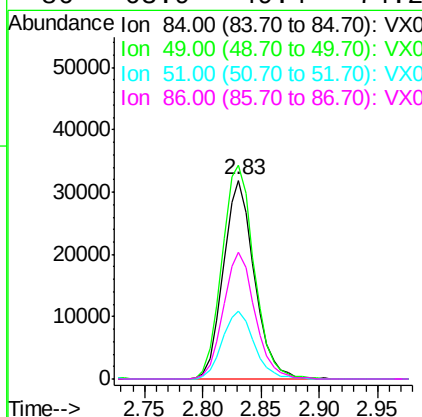
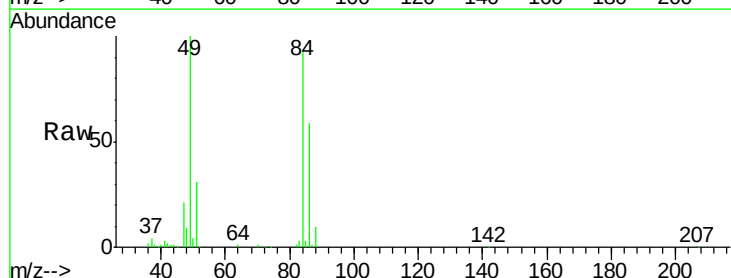
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

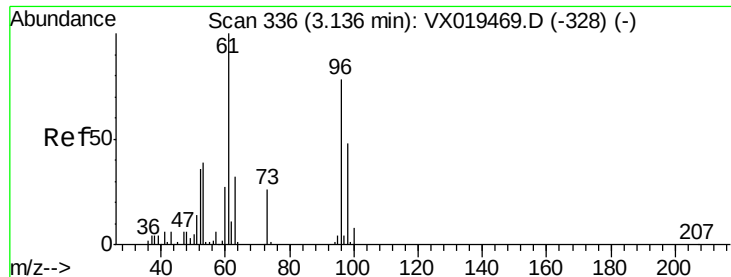
Tot Ion: 41 Resp: 73443
Ion Ratio Lower Upper
41 100
39 70.3 34.5 103.6
76 39.2 19.3 57.8



#18
Methylene Chloride
Concen: 18.939 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion: 84 Resp: 58855
Ion Ratio Lower Upper
84 100
49 107.6 85.4 128.0
51 33.7 26.7 40.1
86 63.9 49.4 74.2





#19

trans-1,2-Dichloroethene

Concen: 19.102 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

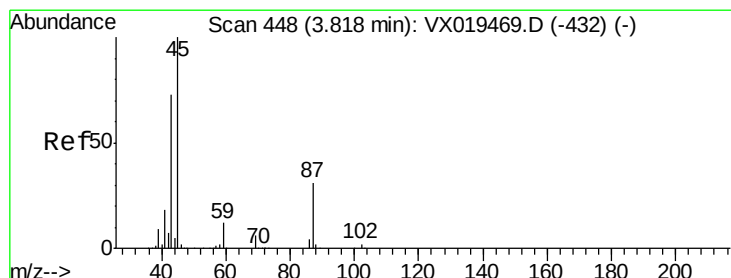
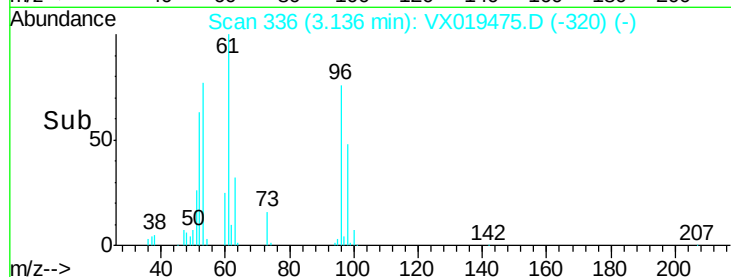
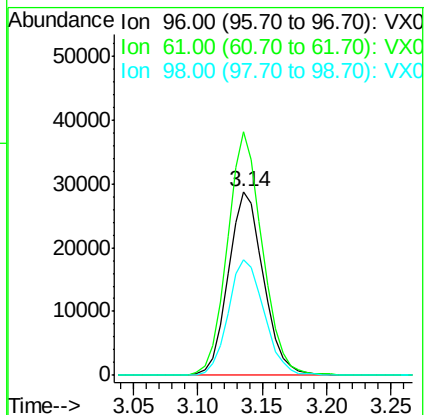
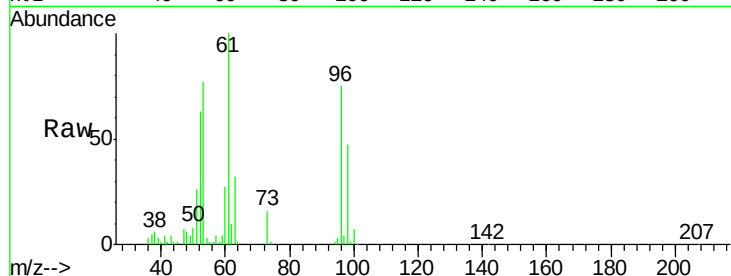
Tot Ion: 96 Resp: 54819

Ion Ratio Lower Upper

96 100

61 132.3 103.2 154.8

98 62.9 49.2 73.8



#20

Diisopropyl ether

Concen: 19.285 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion: 45 Resp: 159950

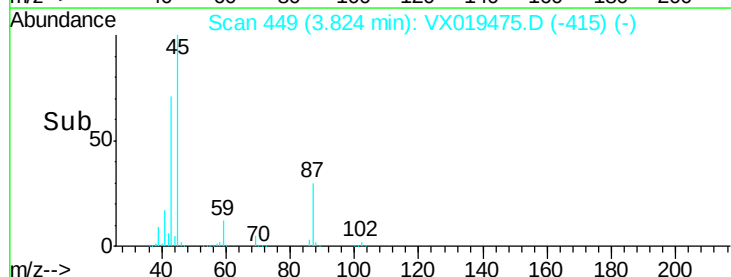
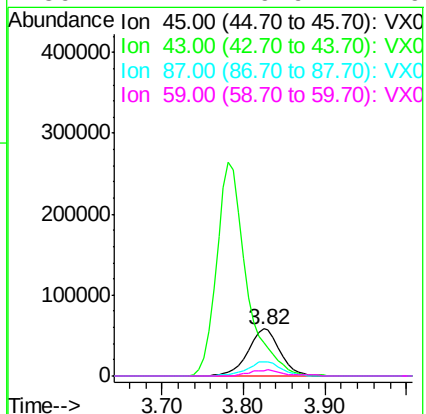
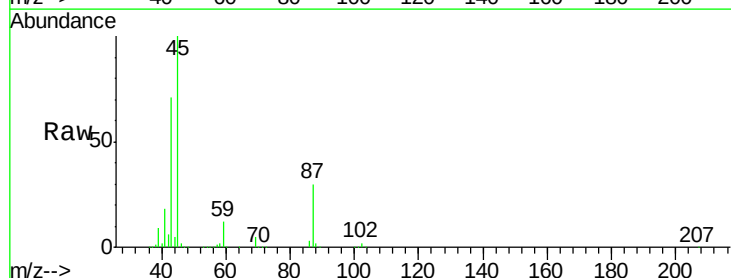
Ion Ratio Lower Upper

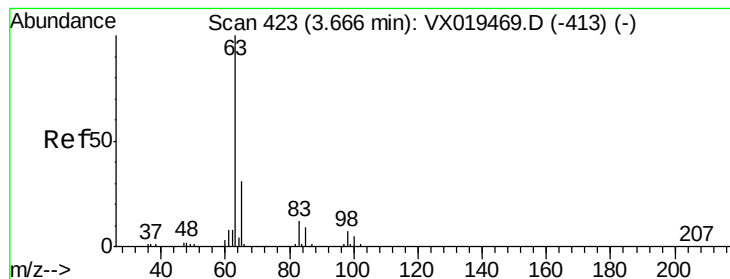
45 100

43 70.4 58.7 88.1

87 29.8 24.5 36.7

59 12.2 9.9 14.9





#21

1,1-Dichloroethane

Concen: 19.049 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

VX1120WBS01

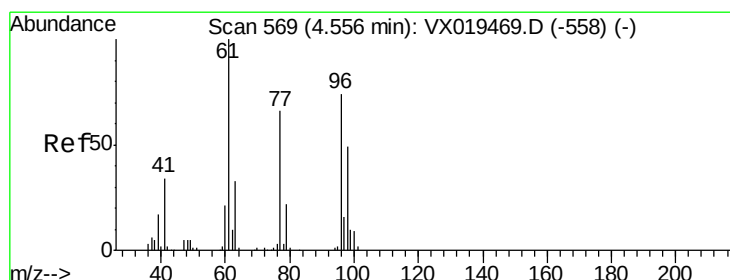
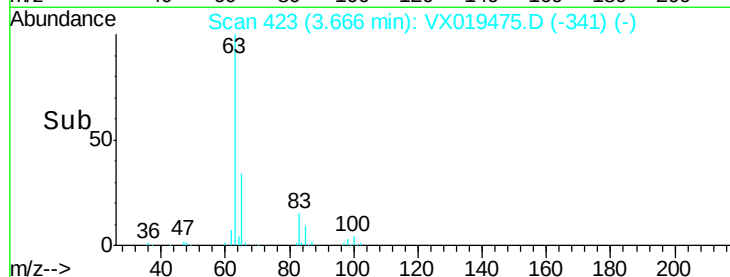
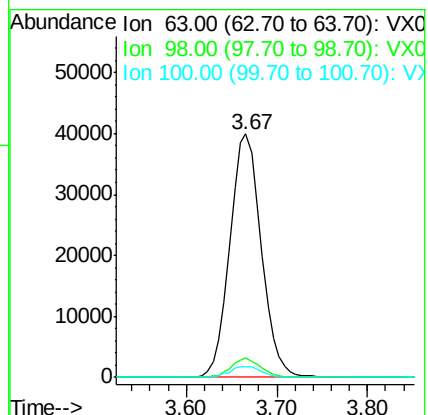
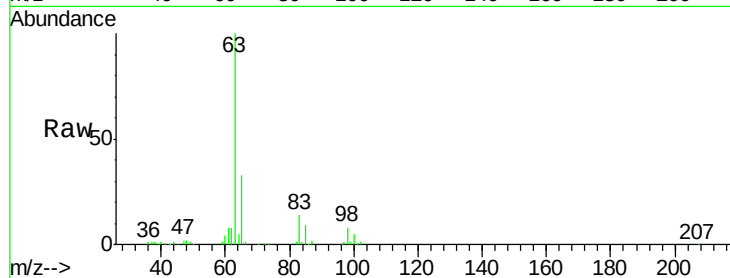
Tot Ion: 63 Resp: 96143

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 4.6 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 19.007 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

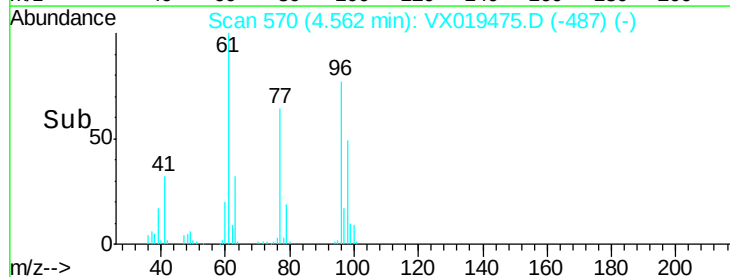
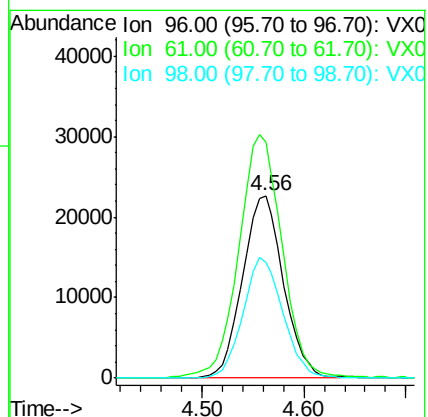
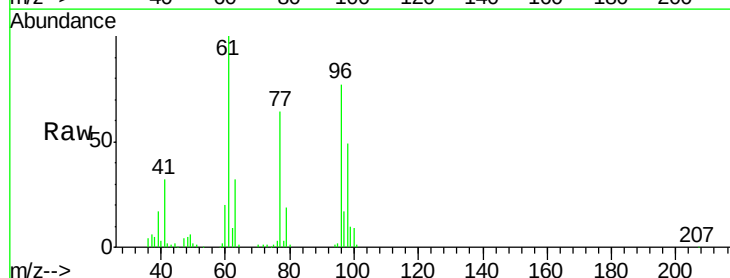
Tgt Ion: 96 Resp: 63129

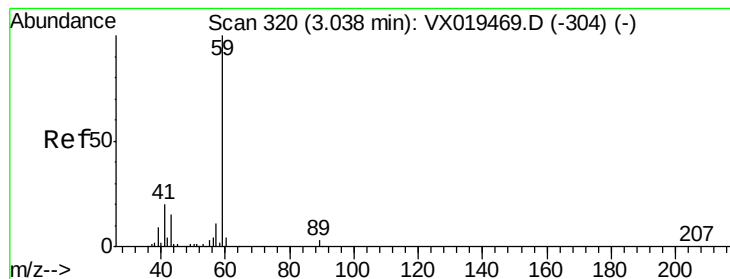
Ion Ratio Lower Upper

96 100

61 141.4 114.2 171.2

98 64.5 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 110.445 ug/l

RT: 3.04 min Scan# 320

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

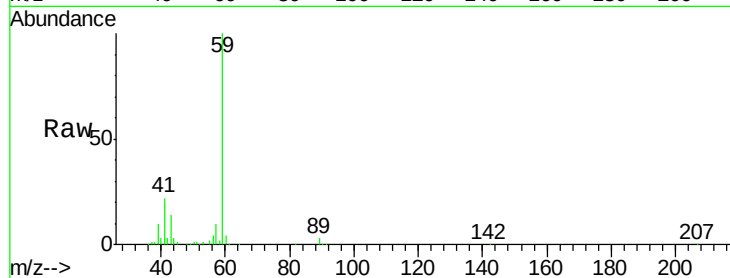
VX1120WBS01

Tot Ion: 59 Resp: 71278

Ion Ratio Lower Upper

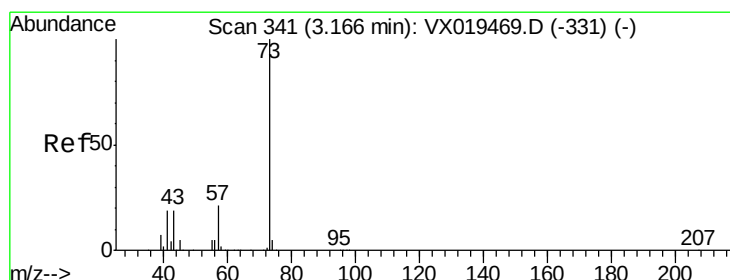
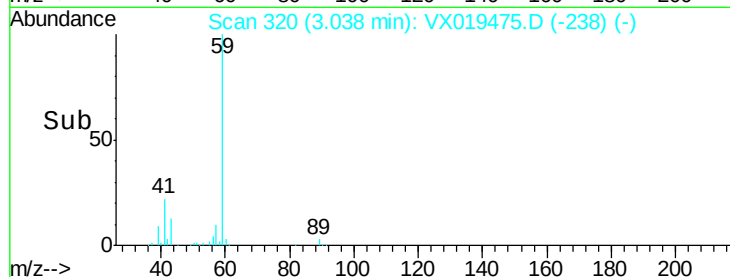
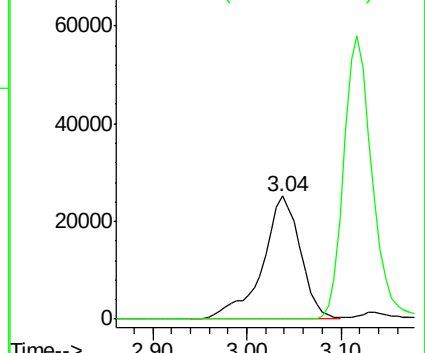
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.396 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019475.D

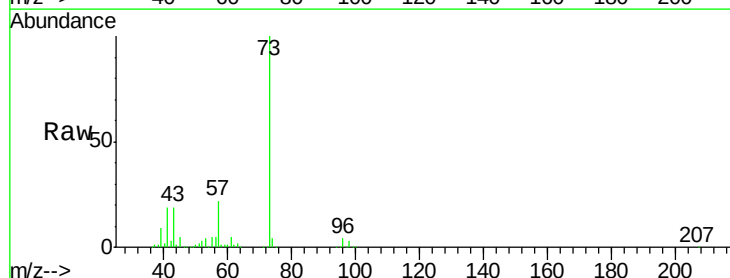
Acq: 19 Nov 2020 18:55

Tgt Ion: 73 Resp: 171352

Ion Ratio Lower Upper

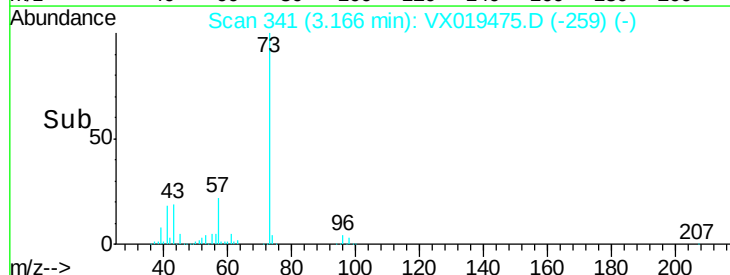
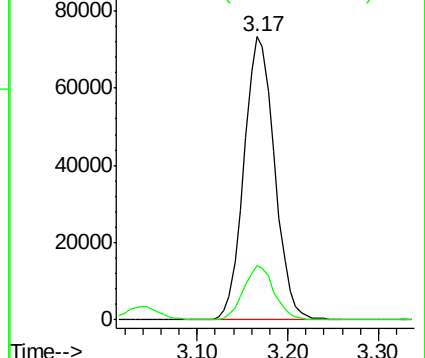
73 100

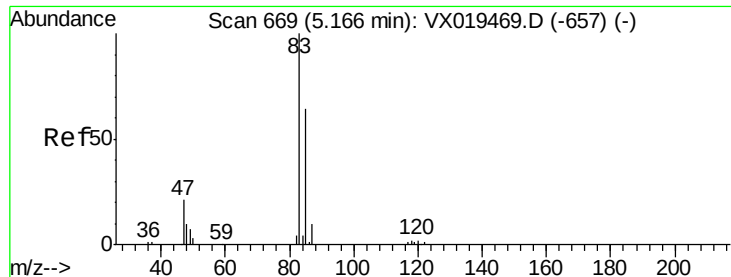
43 18.7 15.0 22.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 18.879 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

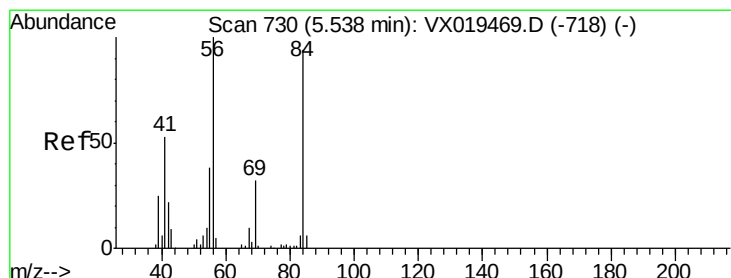
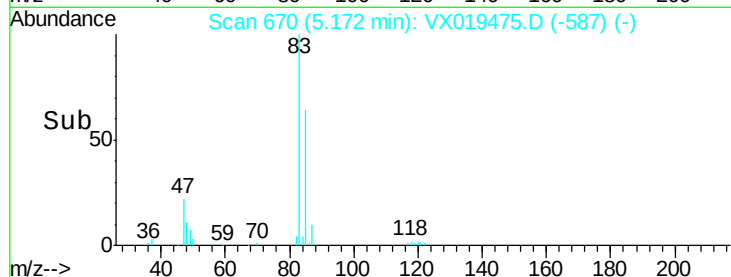
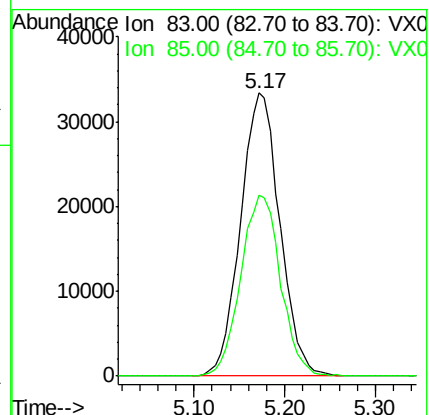
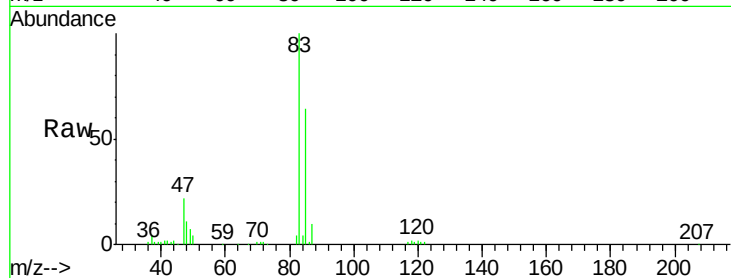
VX1120WBS01

Tot Ion: 83 Resp: 100075

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0



#26

Cyclohexane

Concen: 18.604 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

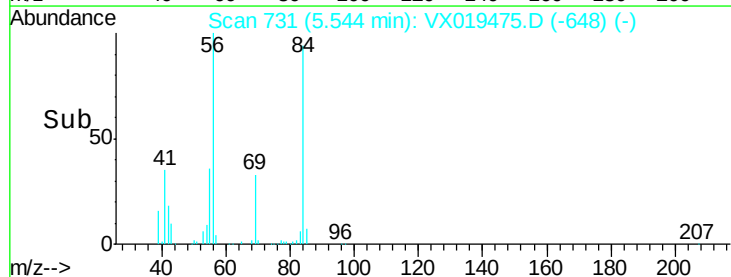
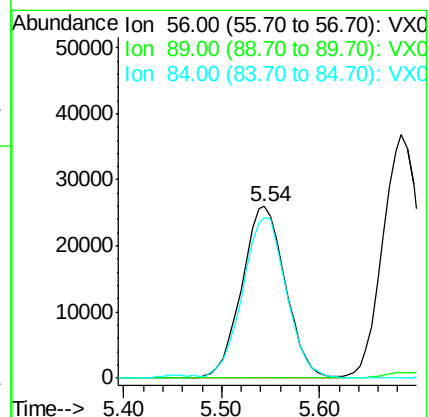
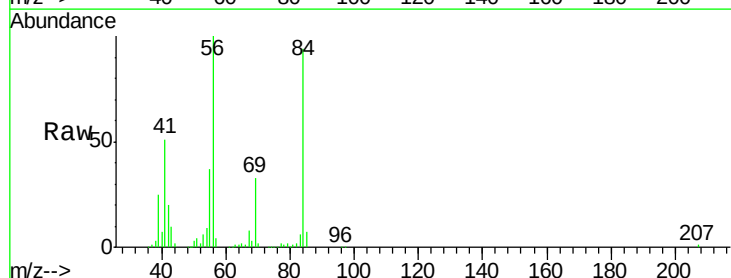
Tgt Ion: 56 Resp: 80377

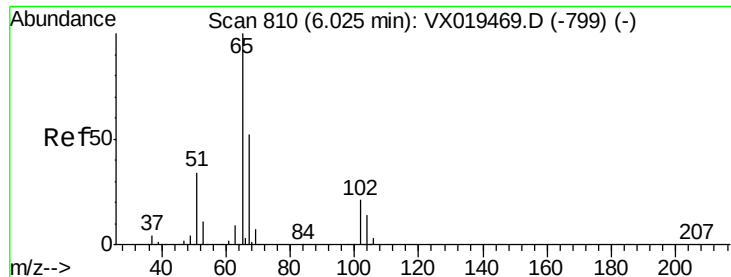
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.1 75.2 112.8





#27

1,2-Dichloroethane-d4

Concen: 30.403 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

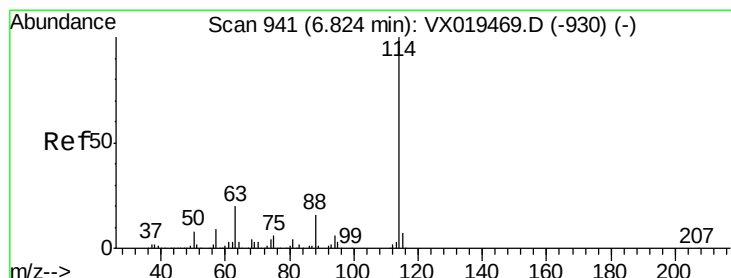
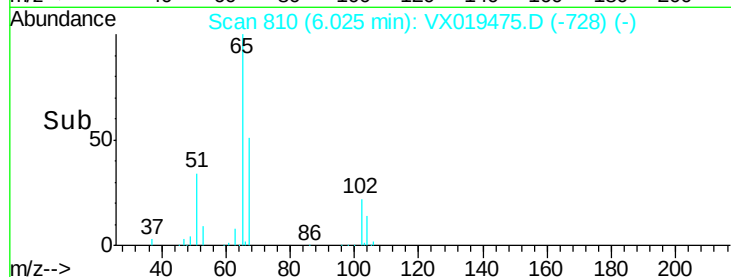
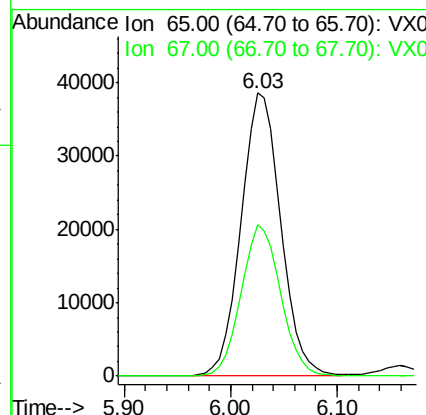
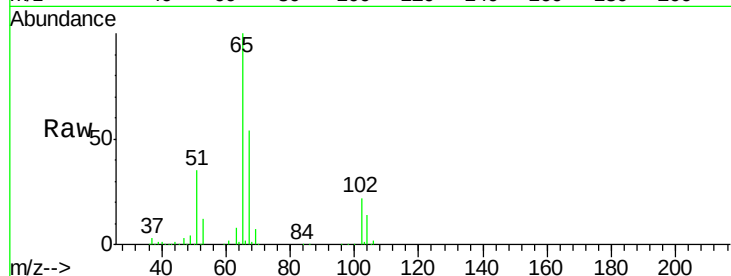
VX1120WBS01

Tot Ion: 65 Resp: 101413

Ion Ratio Lower Upper

65 100

67 53.2 42.2 63.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

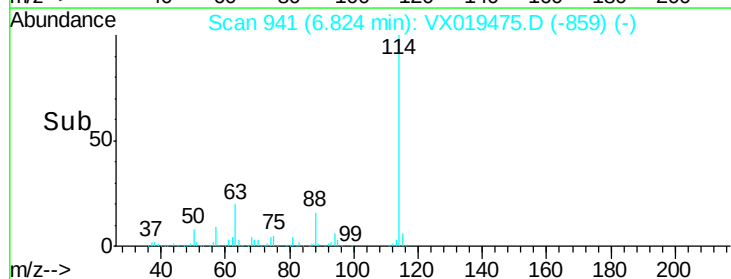
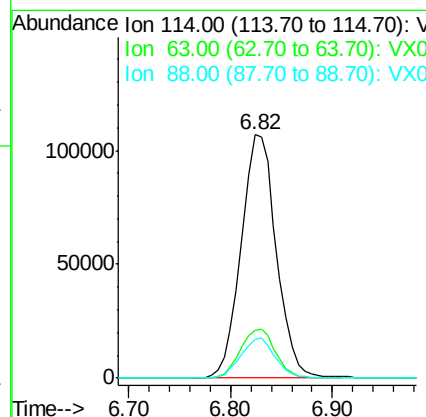
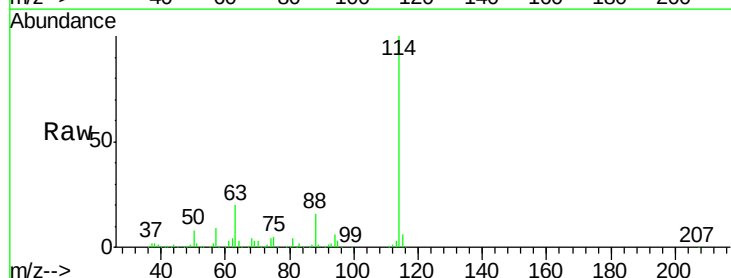
Tgt Ion: 114 Resp: 256105

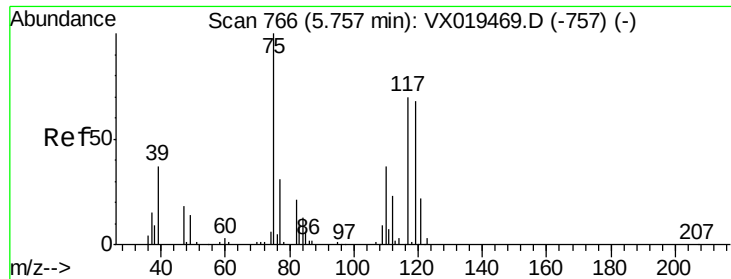
Ion Ratio Lower Upper

114 100

63 20.2 16.2 24.2

88 16.1 12.9 19.3





#29

1,1-Dichloropropene

Concen: 18.598 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

VX1120WBS01

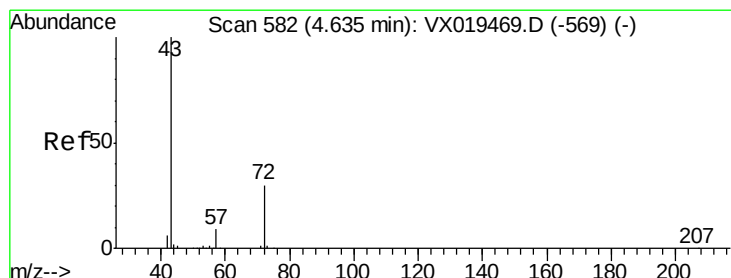
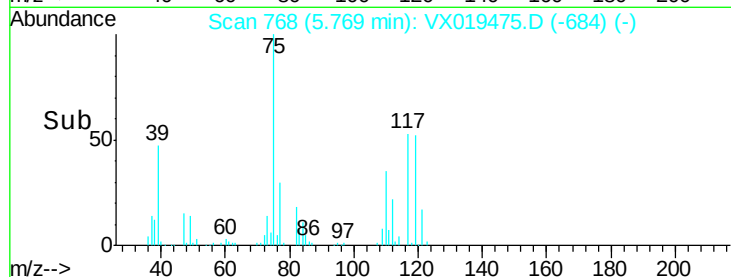
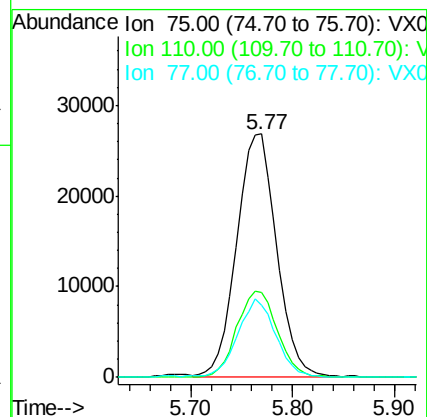
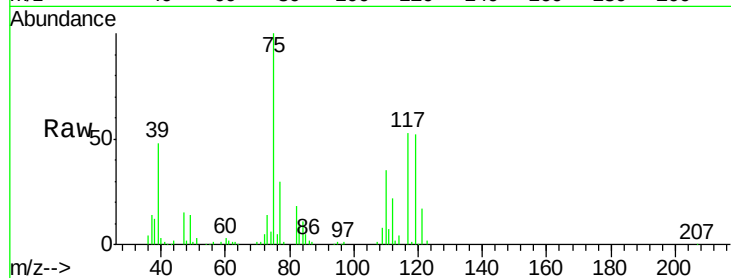
Tot Ion: 75 Resp: 73183

Ion Ratio Lower Upper

75 100

110 36.0 0.0 74.0

77 30.6 0.0 63.6



#30

2-Butanone

Concen: 96.588 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

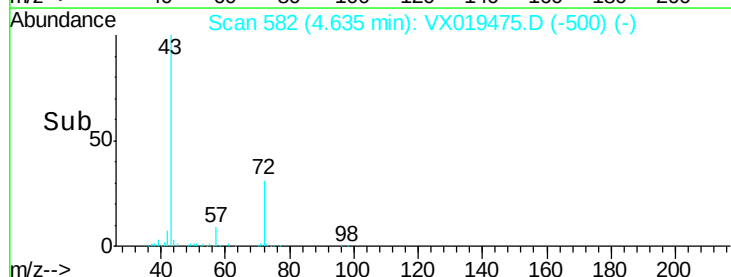
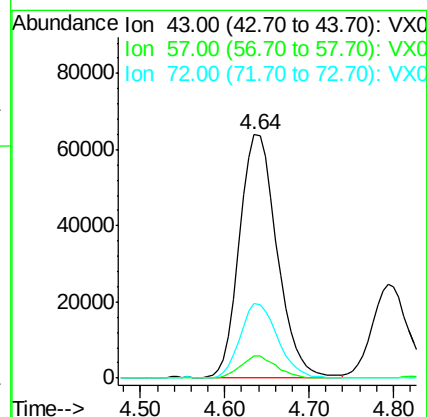
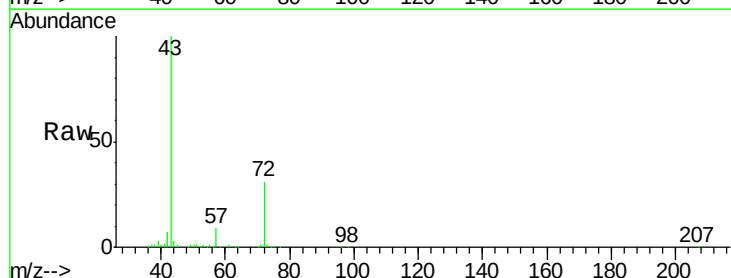
Tgt Ion: 43 Resp: 191998

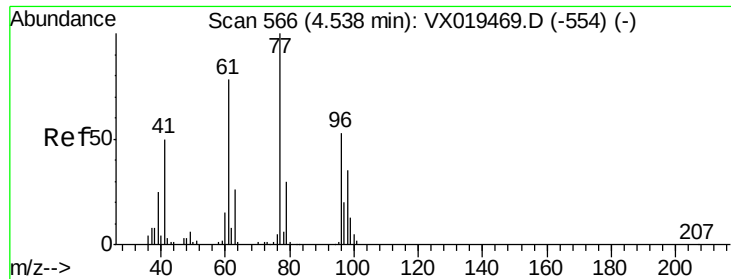
Ion Ratio Lower Upper

43 100

57 8.8 7.4 11.0

72 30.3 24.2 36.2





#31

2,2-Dichloropropane

Concen: 17.932 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

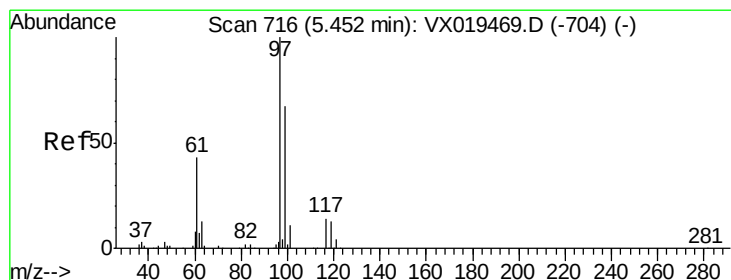
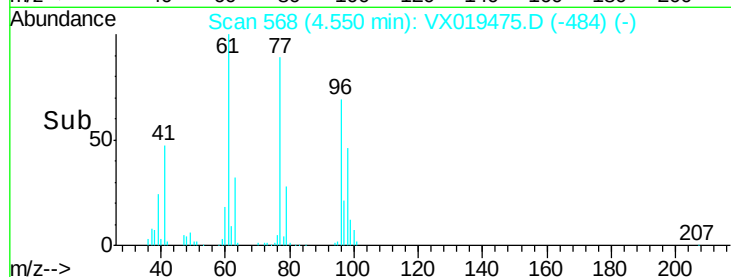
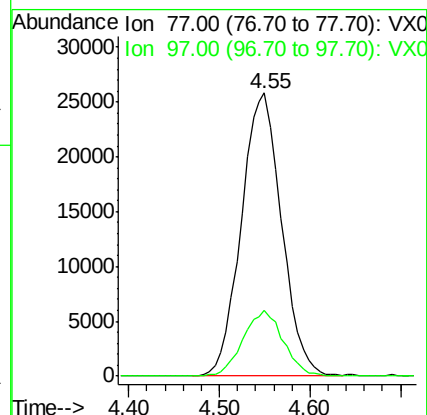
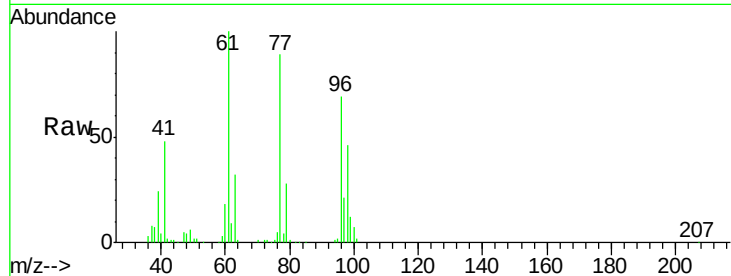
VX1120WBS01

Tot Ion: 77 Resp: 79309

Ion Ratio Lower Upper

77 100

97 23.1 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 18.660 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

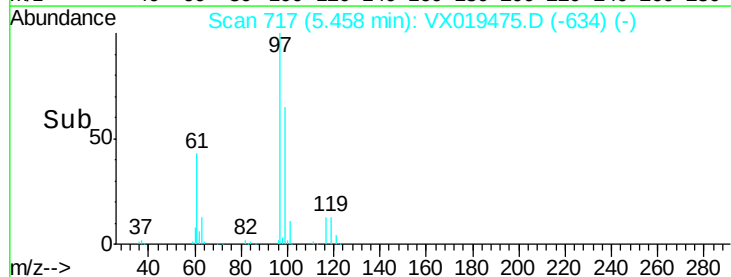
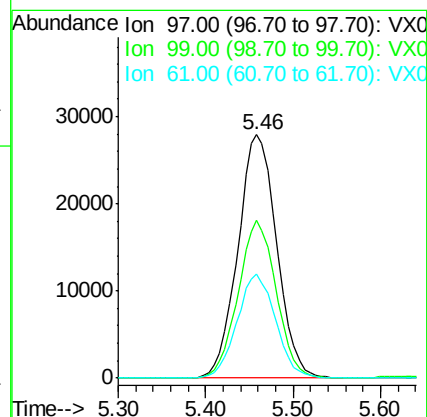
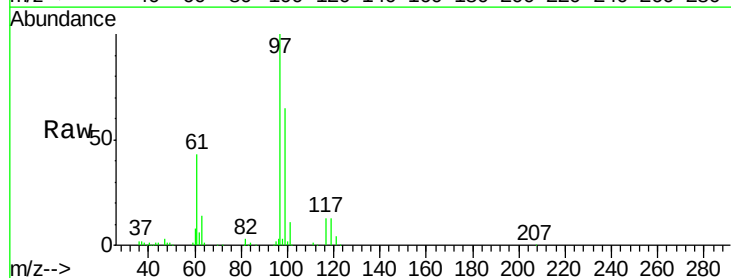
Tgt Ion: 97 Resp: 86142

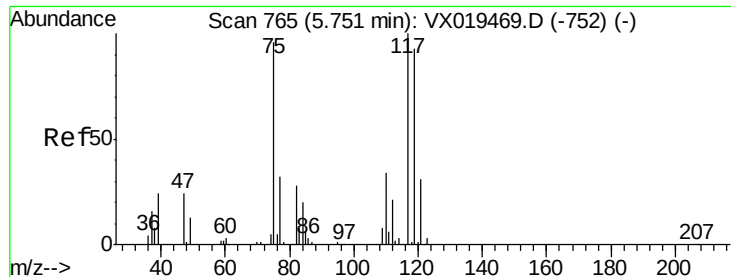
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

61 42.4 34.9 52.3





#33

Carbon Tetrachloride

Concen: 18.127 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

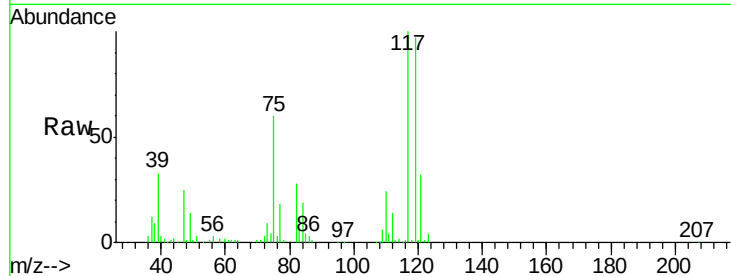
Tot Ion:117 Resp: 71018

Ion Ratio Lower Upper

117 100

119 96.7 74.2 111.4

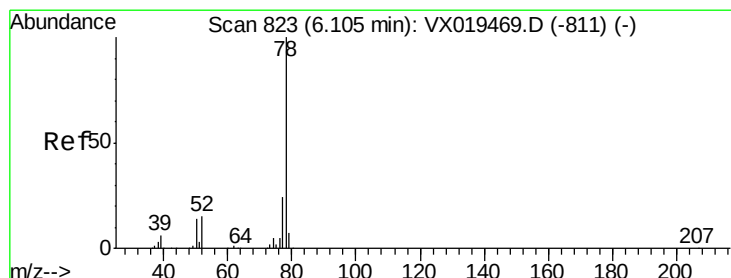
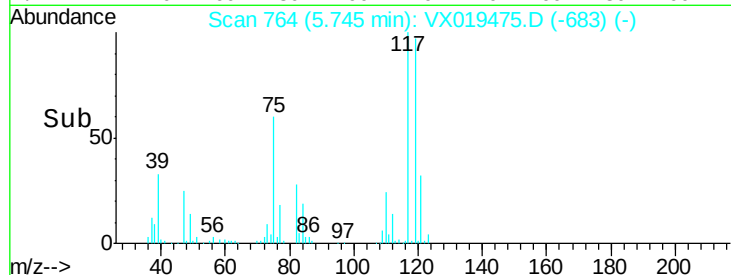
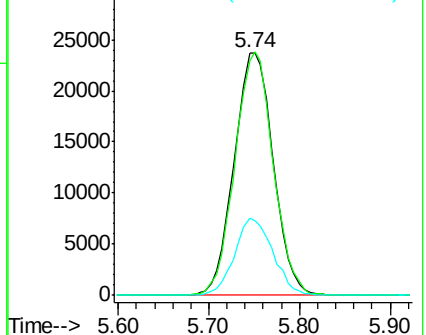
121 31.8 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.673 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

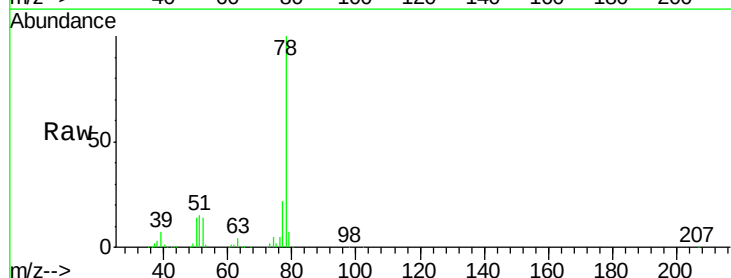
Tgt Ion: 78 Resp: 228301

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

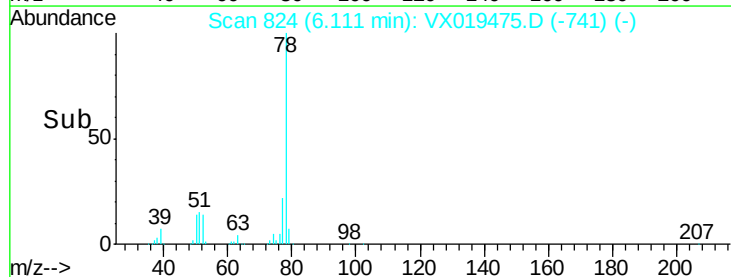
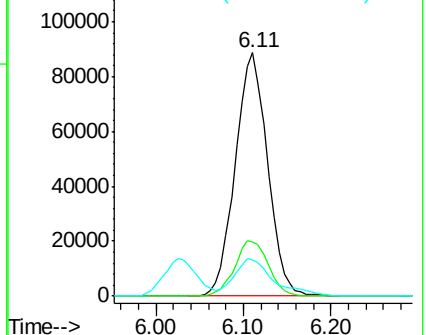
51 14.8 12.7 19.1

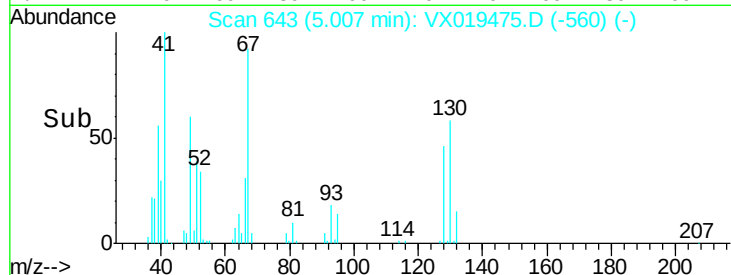
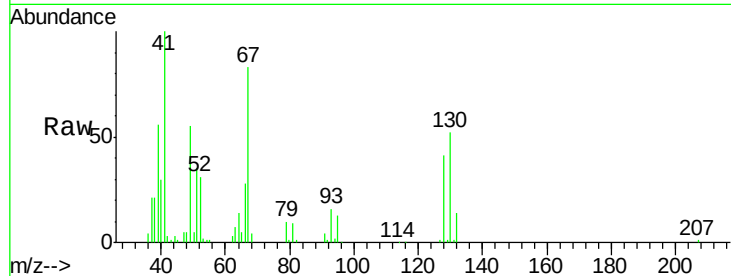
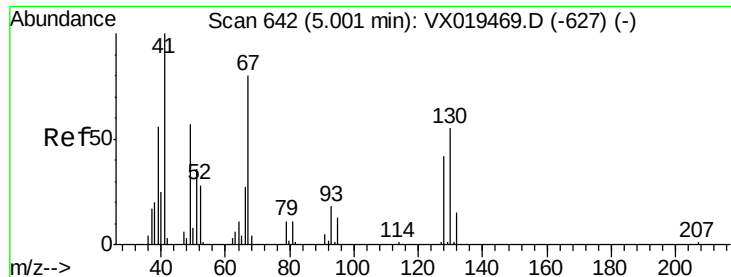


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

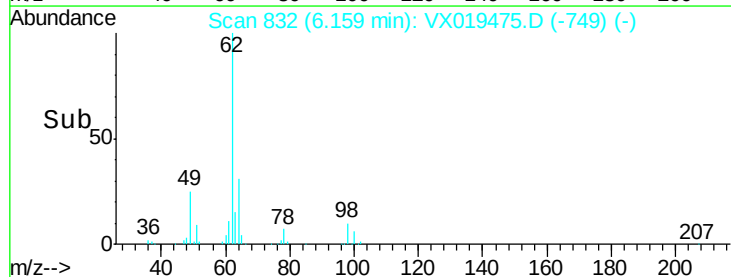
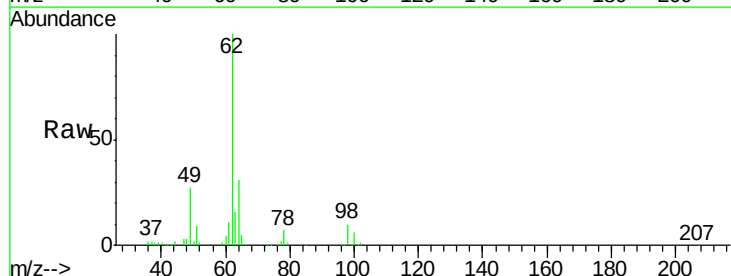
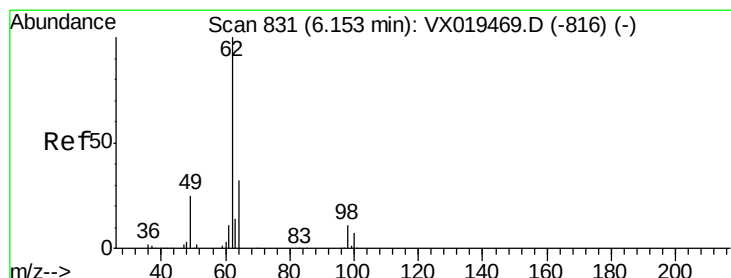
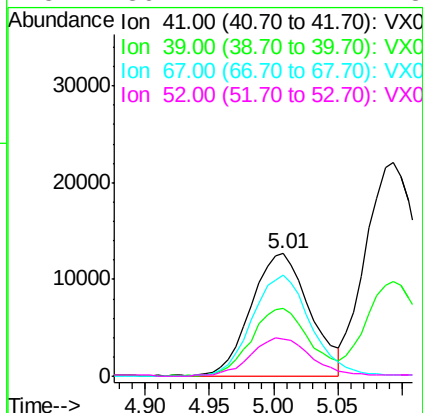
Ion 51.00 (50.70 to 51.70): VX0





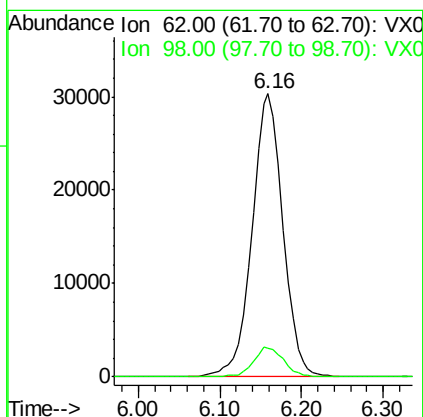
#35
Methacrylonitrile
Concen: 19.416 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

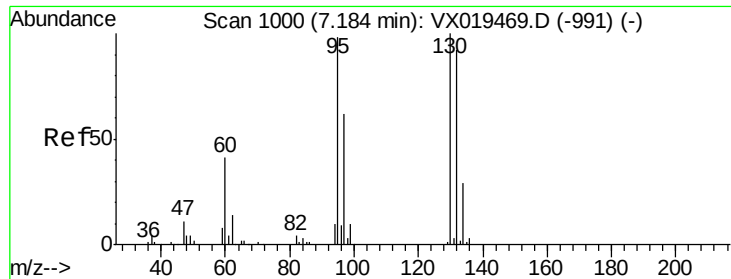
Tot Ion: 41 Resp: 39803
Ion Ratio Lower Upper
41 100
39 55.6 28.0 84.0
67 83.0 40.0 119.9
52 30.7 14.2 42.8



#36
1,2-Dichloroethane
Concen: 18.917 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion: 62 Resp: 80052
Ion Ratio Lower Upper
62 100
98 10.2 8.1 12.1

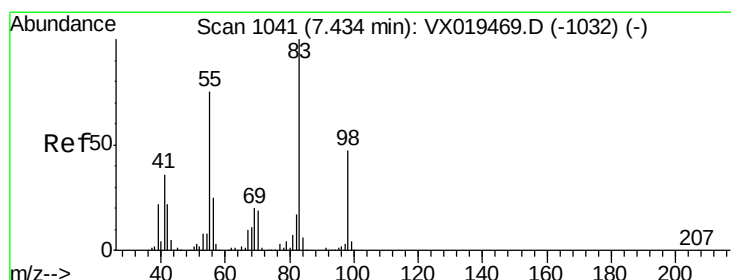
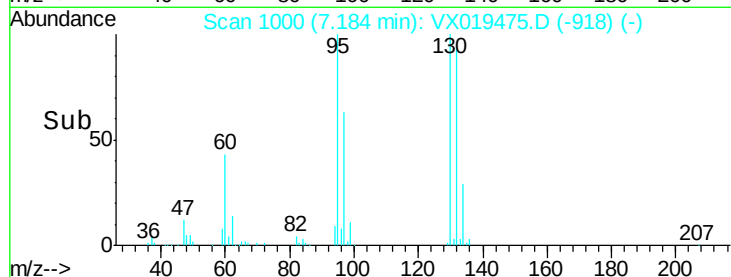
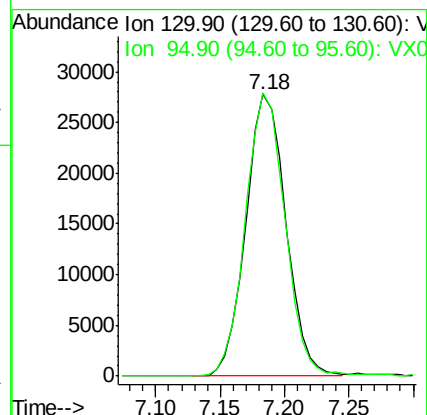
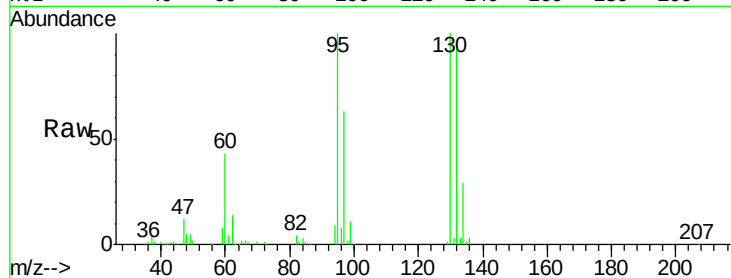




#37
 Trichloroethene
 Concen: 18.479 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

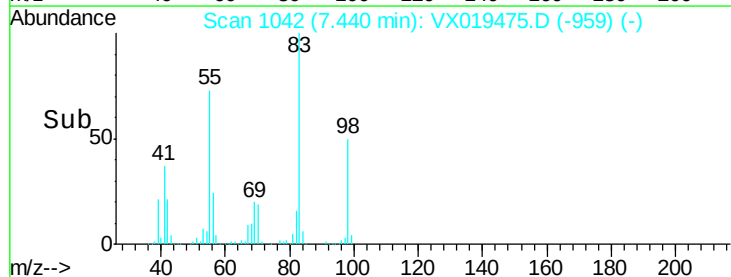
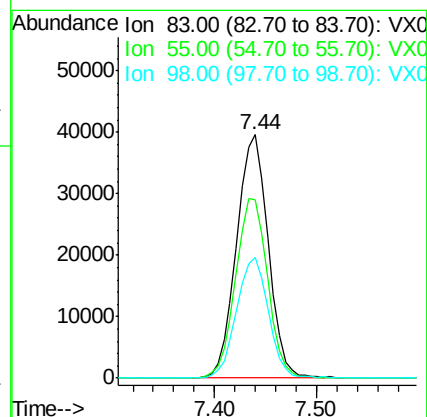
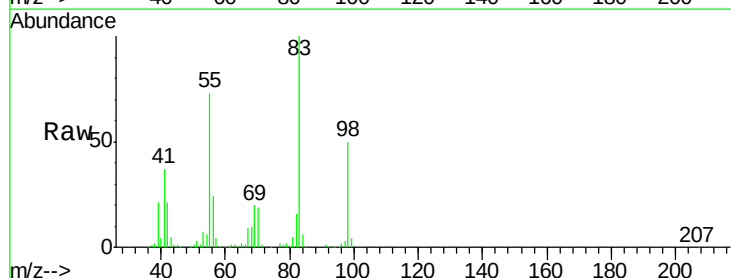
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

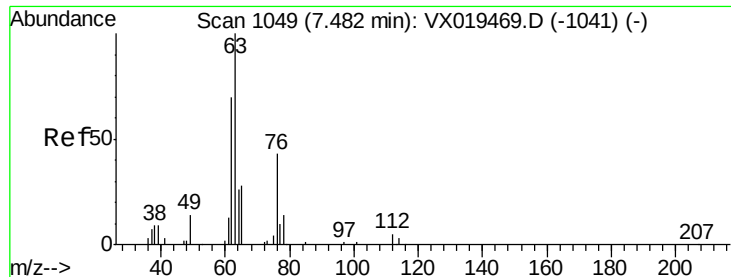
Tot Ion:130 Resp: 59895
 Ion Ratio Lower Upper
 130 100
 95 100.4 78.8 118.2



#38
 Methylcyclohexane
 Concen: 17.948 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 83 Resp: 85352
 Ion Ratio Lower Upper
 83 100
 55 74.7 37.7 113.1
 98 49.8 24.7 74.1





#39

1,2-Dichloropropane

Concen: 19.054 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

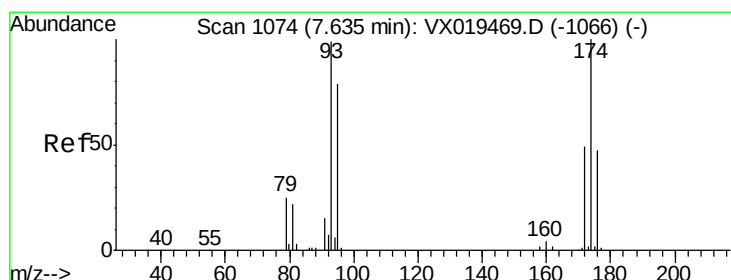
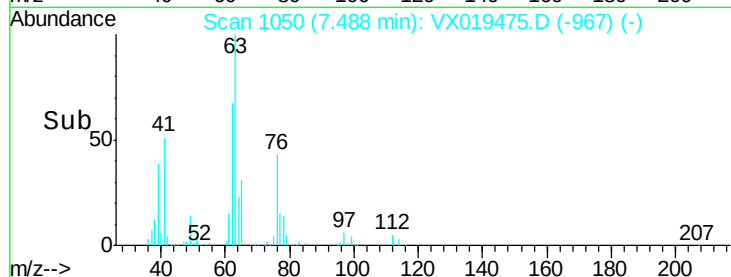
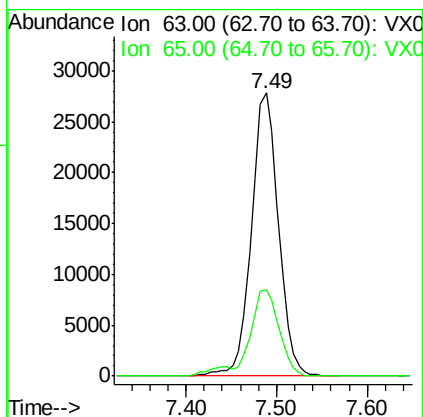
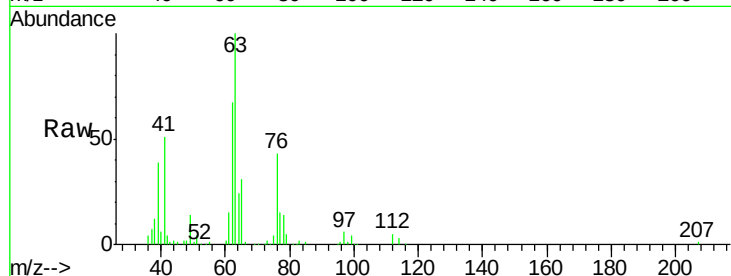
VX1120WBS01

Tot Ion: 63 Resp: 57519

Ion Ratio Lower Upper

63 100

65 30.5 24.8 37.2



#40

Dibromomethane

Concen: 19.003 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

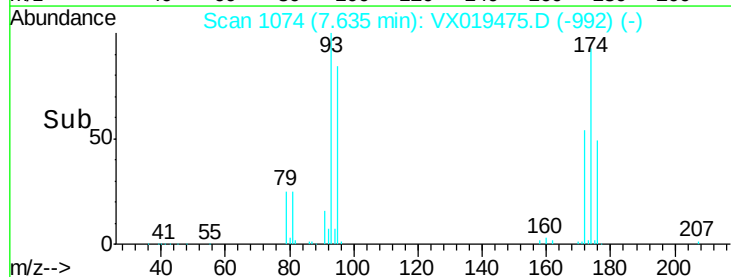
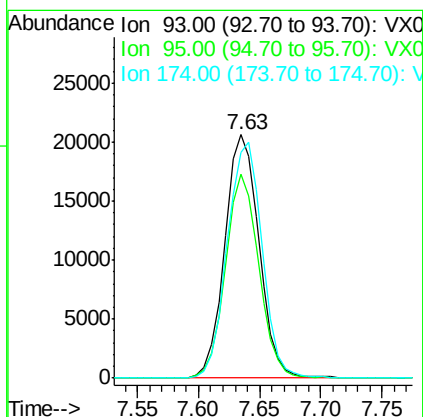
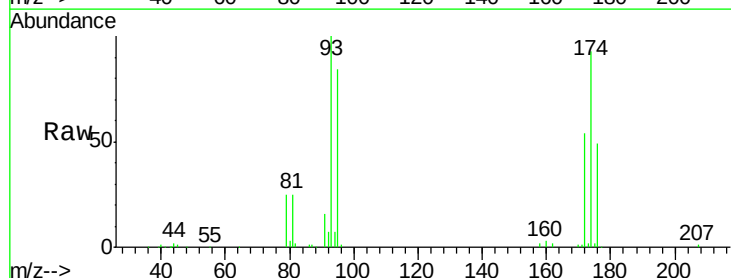
Tgt Ion: 93 Resp: 39903

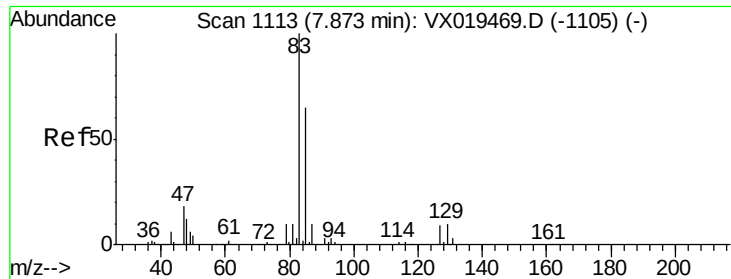
Ion Ratio Lower Upper

93 100

95 81.9 0.0 162.4

174 98.7 0.0 198.8

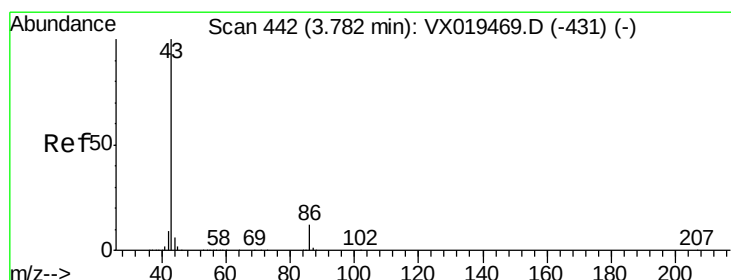
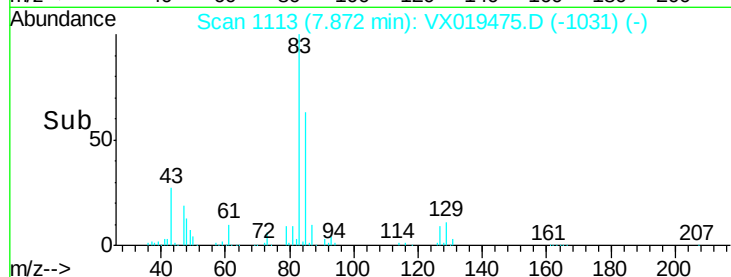
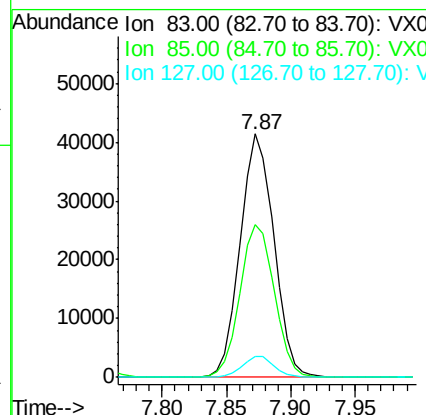
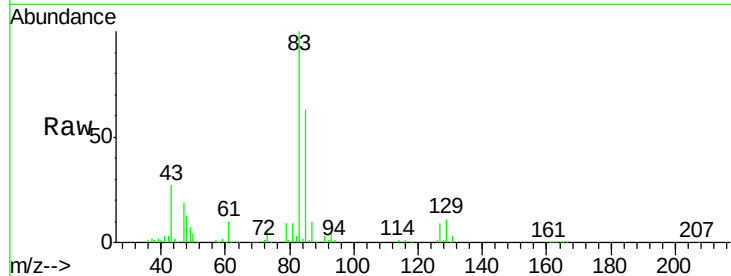




#41
 Bromodichloromethane
 Concen: 18.239 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

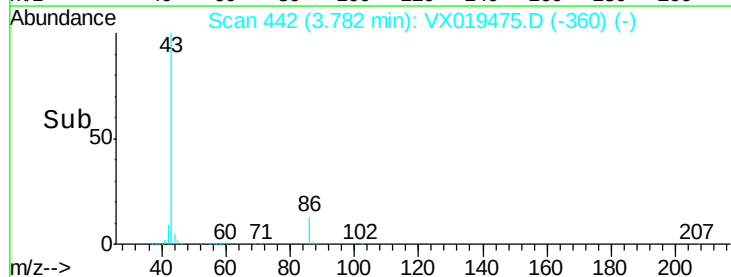
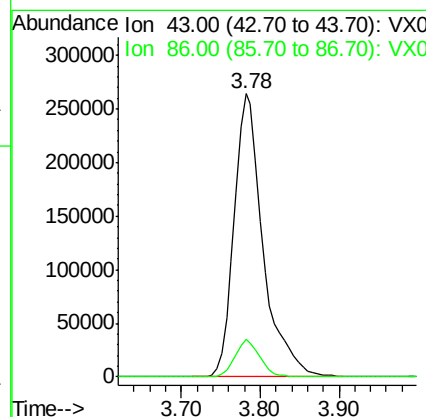
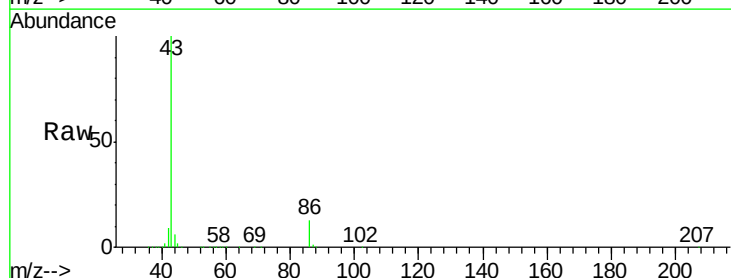
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

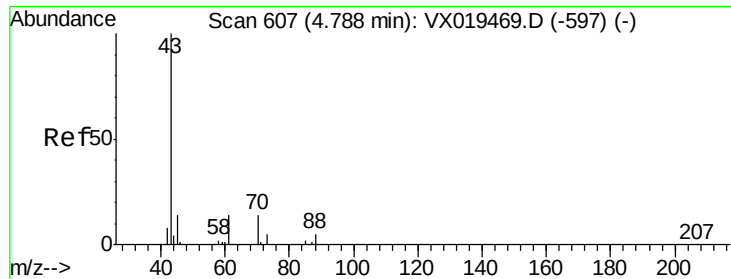
Tot Ion: 83 Resp: 75268
 Ion Ratio Lower Upper
 83 100
 85 62.6 51.7 77.5
 127 8.8 7.0 10.6



#42
 Vinyl Acetate
 Concen: 94.261 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 43 Resp: 673970
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.8 13.2

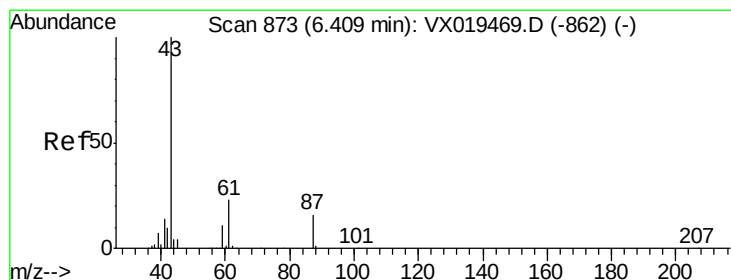
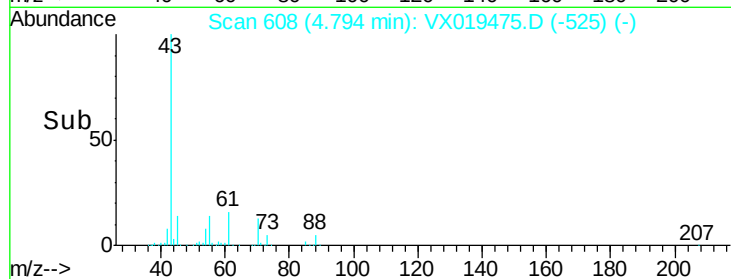
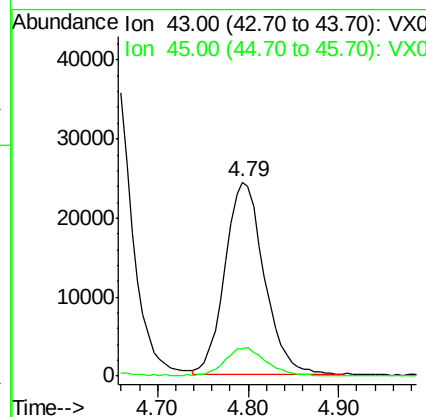
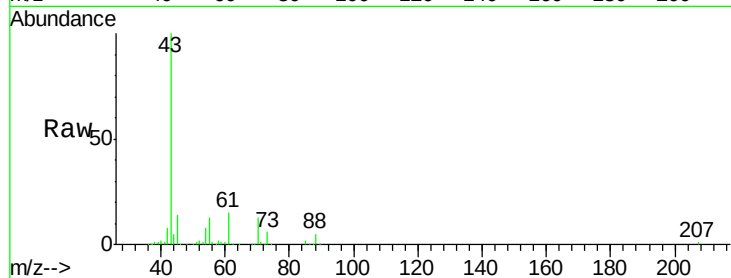




#43
Ethyl Acetate
Concen: 19.213 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

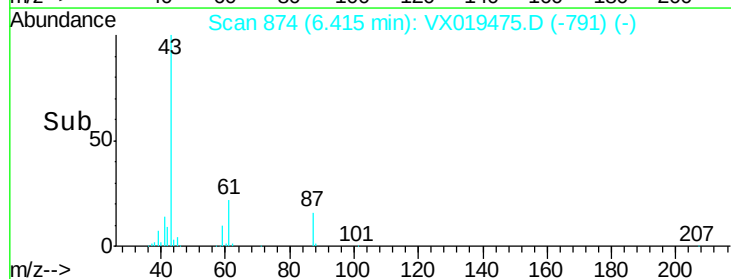
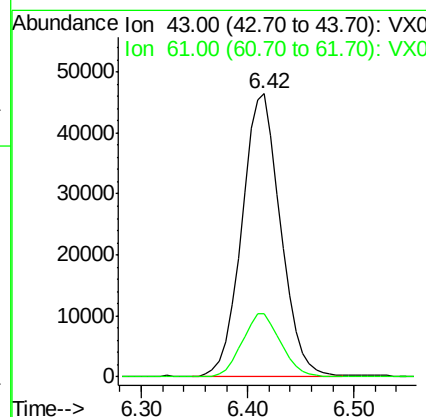
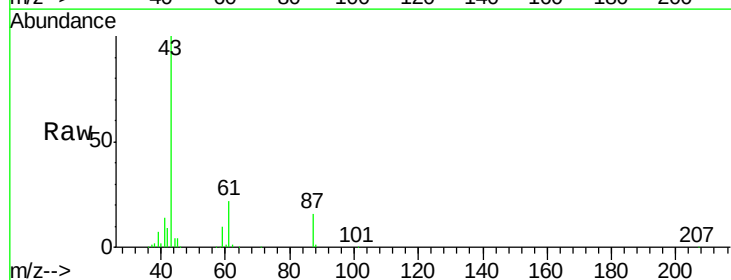
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

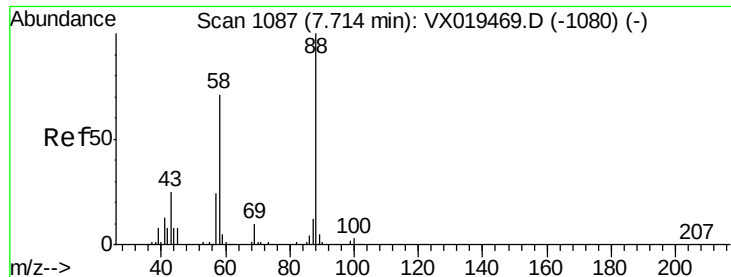
Tot Ion: 43 Resp: 73509
Ion Ratio Lower Upper
43 100
45 15.1 12.9 19.3



#44
Isopropyl Acetate
Concen: 19.012 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion: 43 Resp: 118057
Ion Ratio Lower Upper
43 100
61 22.5 18.1 27.1





#45

1,4-Dioxane

Concen: 384.539 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

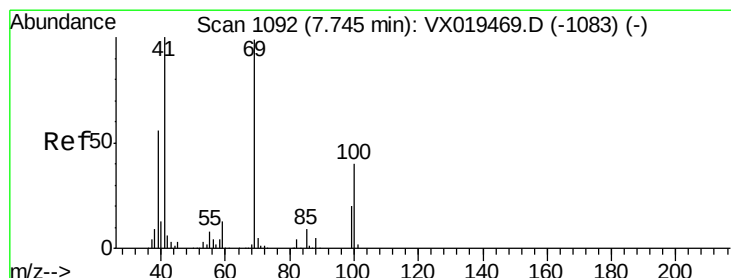
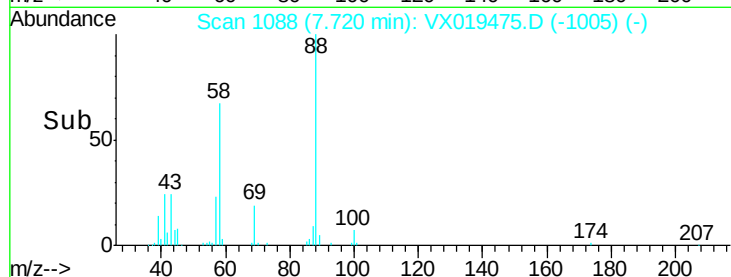
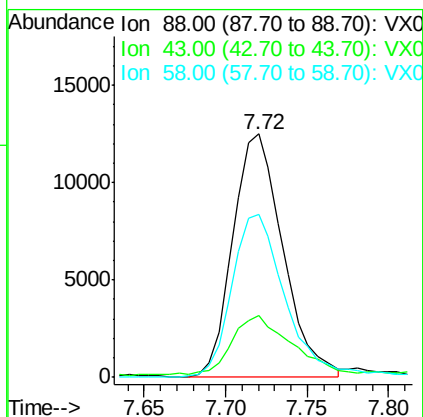
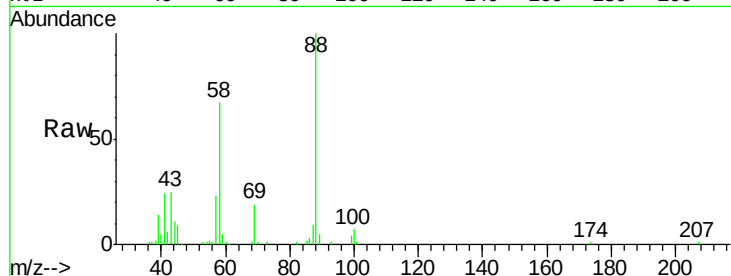
Tot Ion: 88 Resp: 26766

Ion Ratio Lower Upper

88 100

43 28.0 24.2 36.4

58 72.1 56.6 84.8



#46

Methyl methacrylate

Concen: 18.967 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

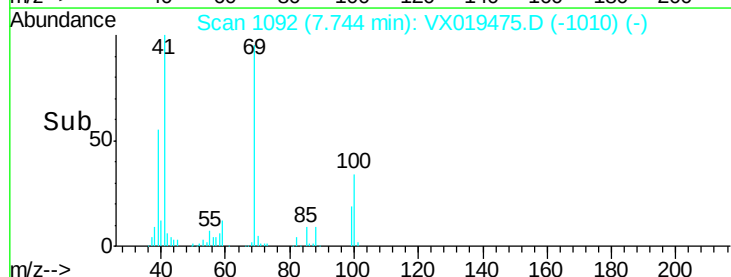
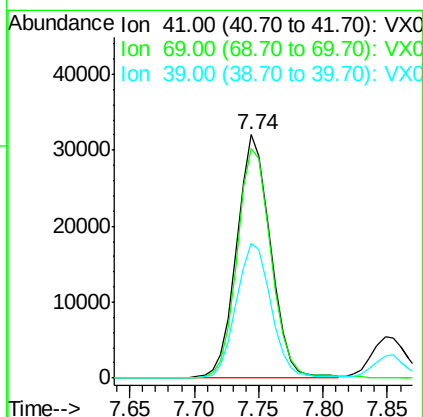
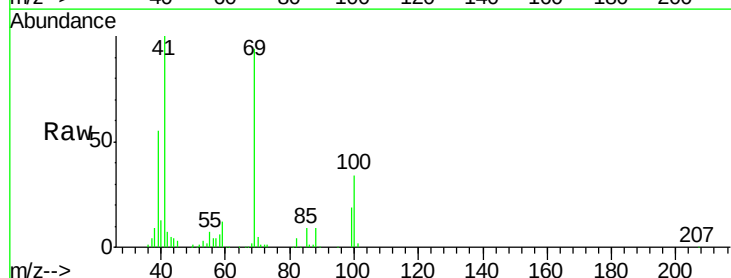
Tgt Ion: 41 Resp: 57645

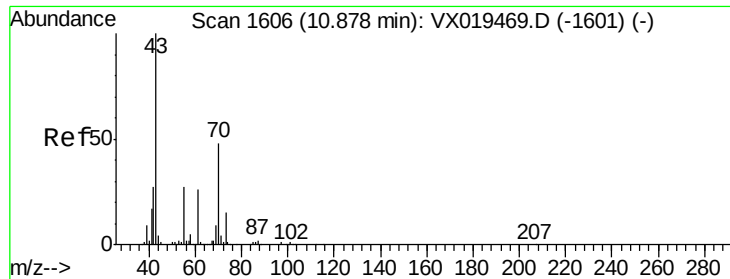
Ion Ratio Lower Upper

41 100

69 94.7 49.7 149.1

39 55.0 28.1 84.4





#47

n-amvl Acetate

Concen: 18.796 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

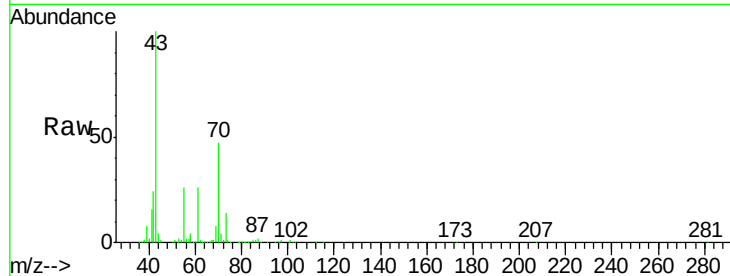
VX1120WBS01

Tot Ion: 43 Resp: 97400

Ion Ratio Lower Upper

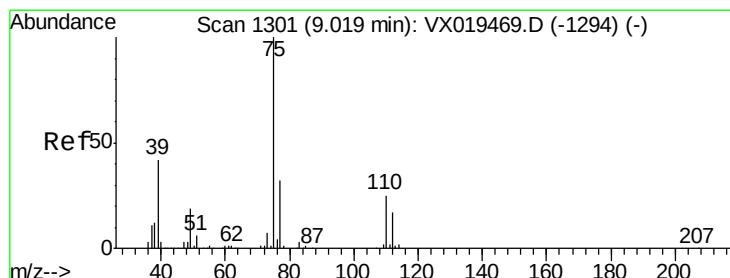
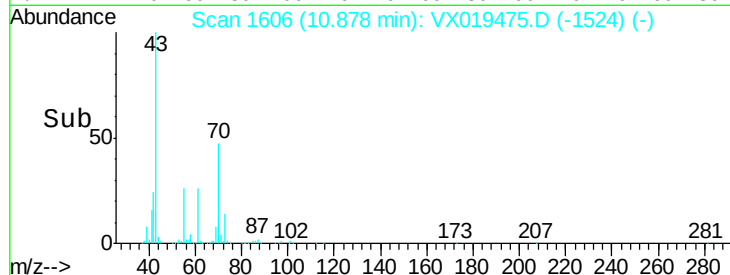
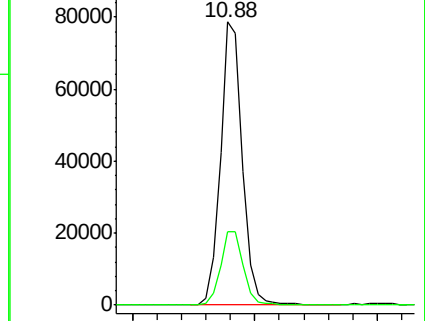
43 100

55 27.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.290 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019475.D

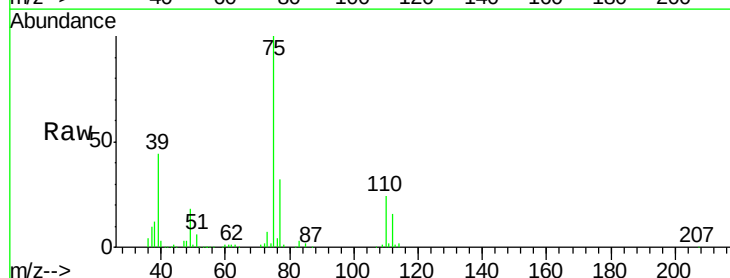
Acq: 19 Nov 2020 18:55

Tgt Ion: 75 Resp: 81956

Ion Ratio Lower Upper

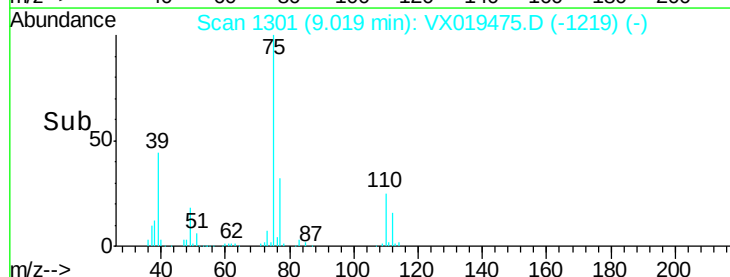
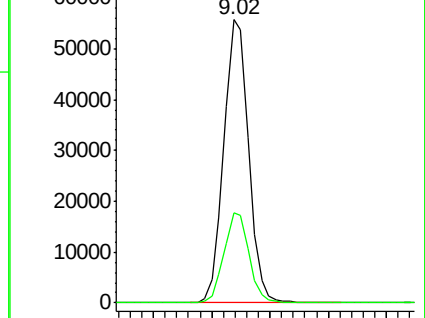
75 100

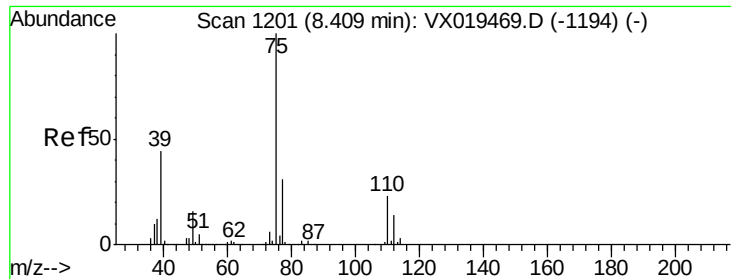
77 32.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



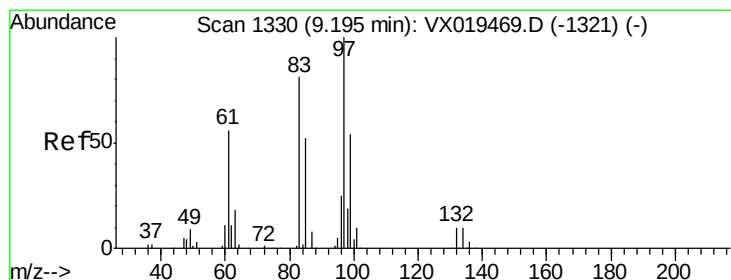
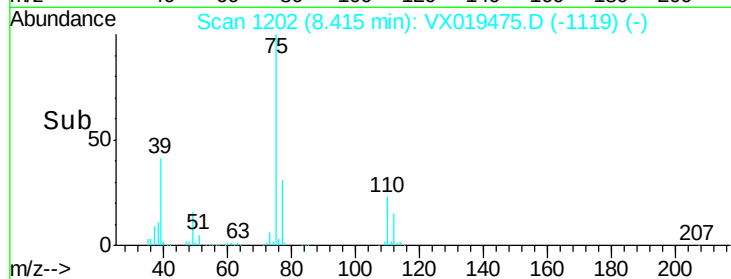
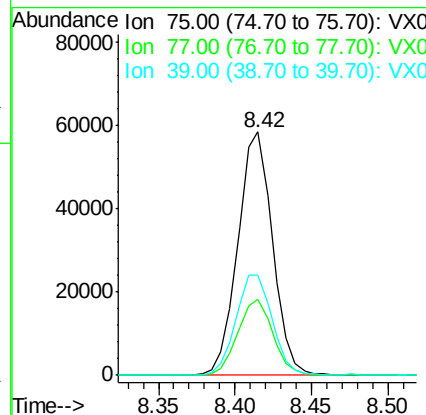
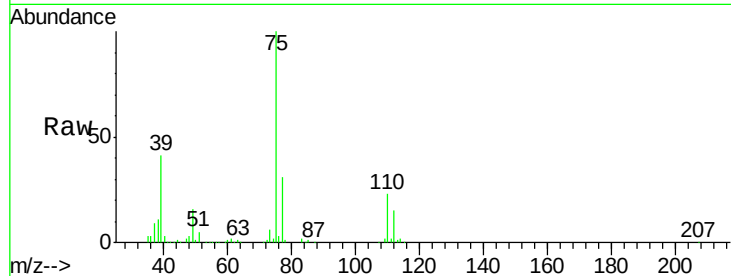


#49

cis-1,3-Dichloropropene
 Concen: 18.567 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

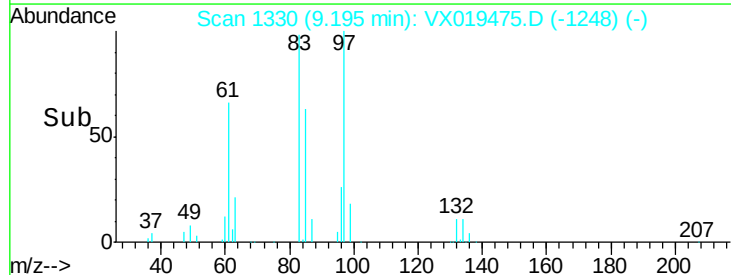
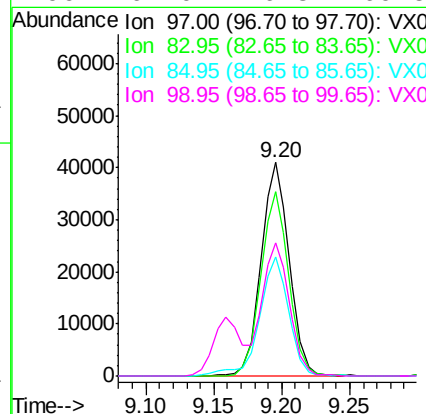
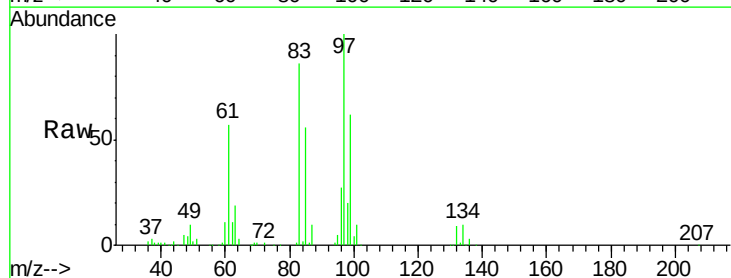
Tot Ion	75	Resp	91902
Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	41.2	35.3	52.9

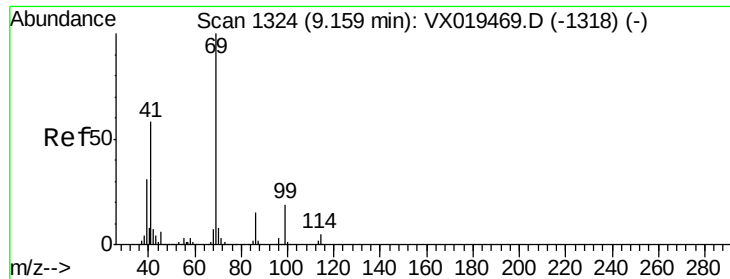


#50

1,1,2-Trichloroethane
 Concen: 18.944 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	97	Resp	59573
Ion	Ratio	Lower	Upper
97	100		
83	86.3	64.8	97.2
85	55.4	41.8	62.8
99	62.0	46.3	69.5





#51

Ethyl methacrylate

Concen: 19.161 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

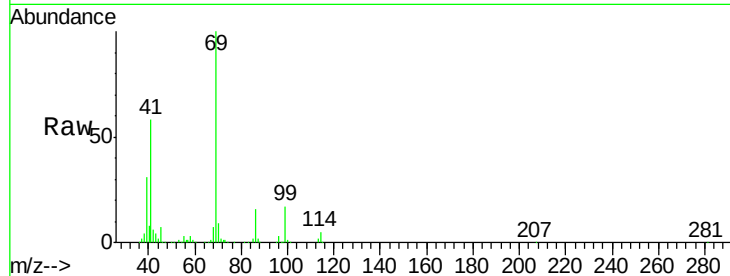
Tot Ion: 69 Resp: 86227

Ion Ratio Lower Upper

69 100

41 58.1 29.0 87.1

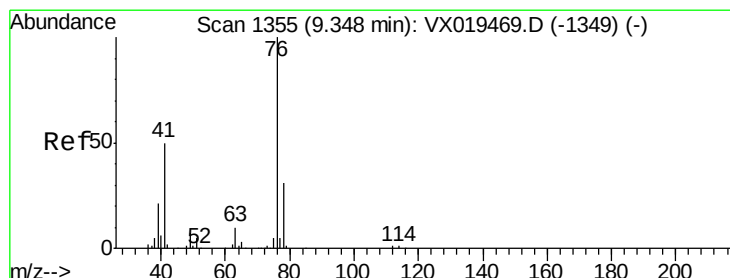
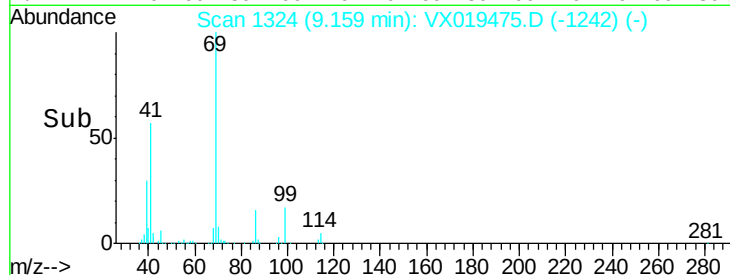
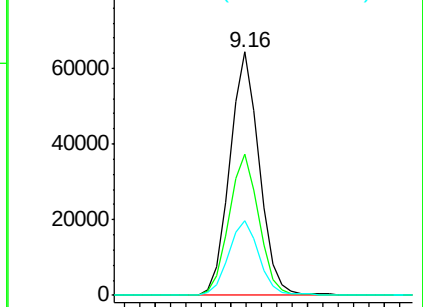
39 30.6 15.4 46.4



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: 19.311 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019475.D

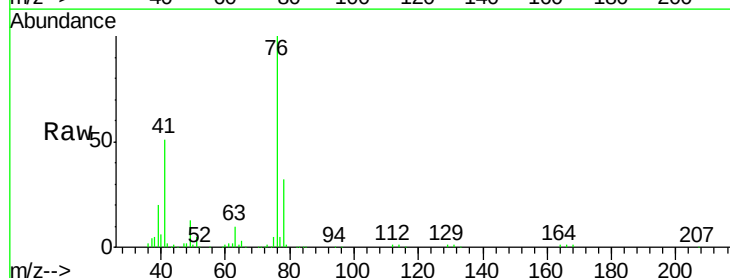
Acq: 19 Nov 2020 18:55

Tgt Ion: 76 Resp: 101418

Ion Ratio Lower Upper

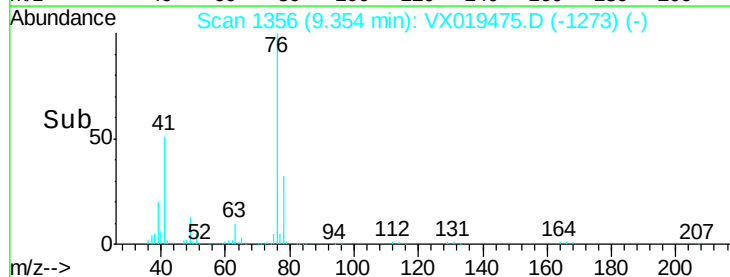
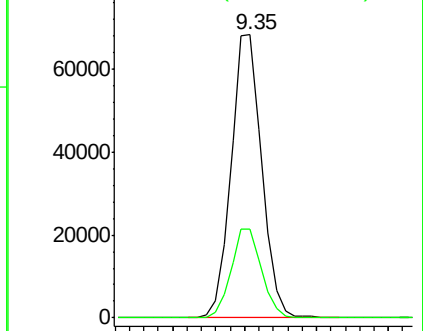
76 100

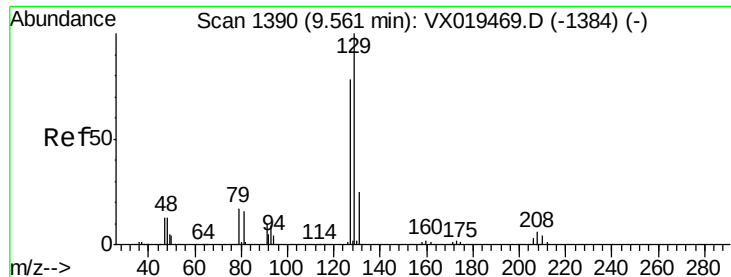
78 31.5 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.256 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

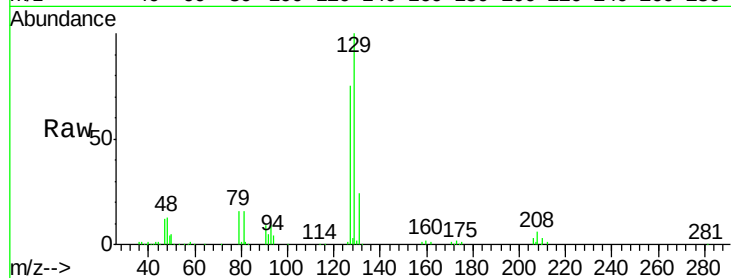
VX1120WBS01

Tot Ion:129 Resp: 57223

Ion Ratio Lower Upper

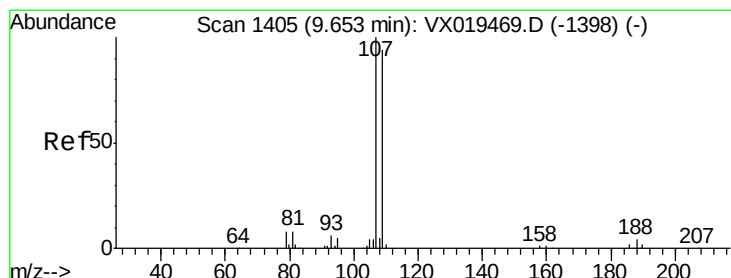
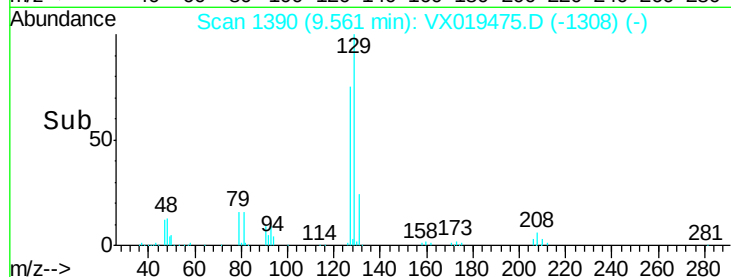
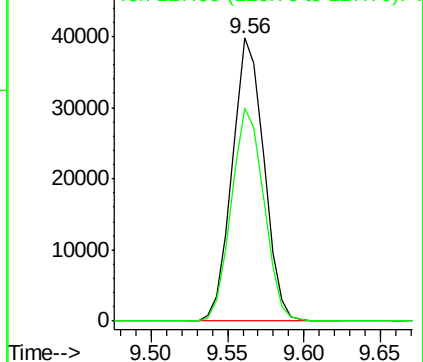
129 100

127 76.8 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: 18.933 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019475.D

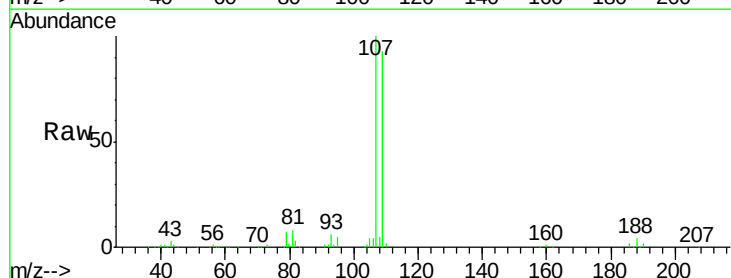
Acq: 19 Nov 2020 18:55

Tgt Ion:107 Resp: 61556

Ion Ratio Lower Upper

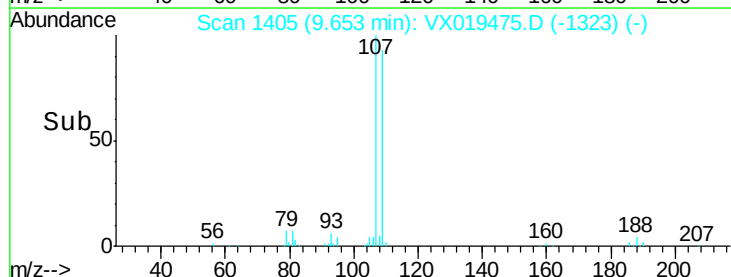
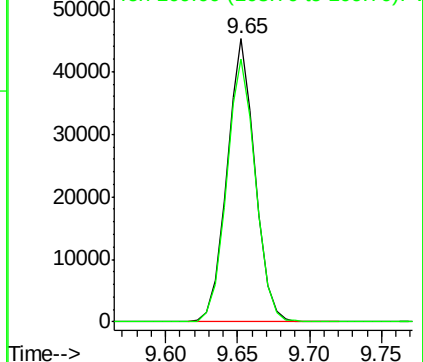
107 100

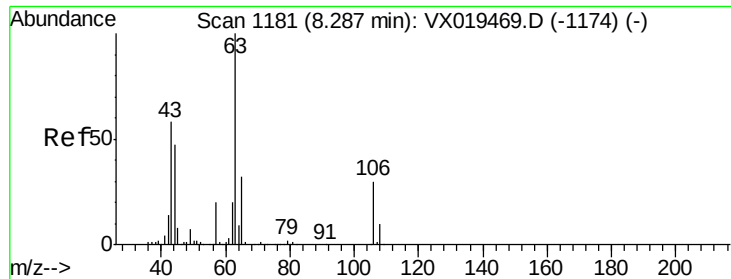
109 95.0 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

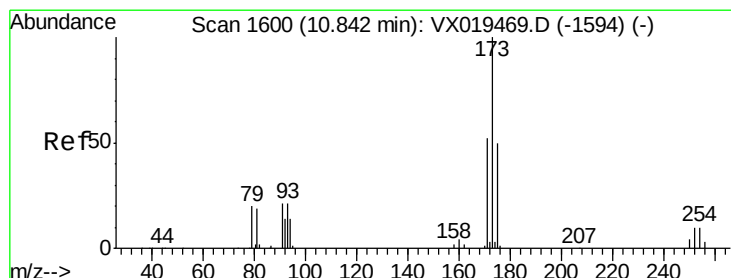
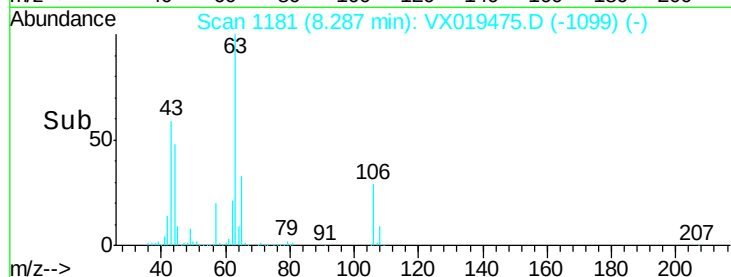
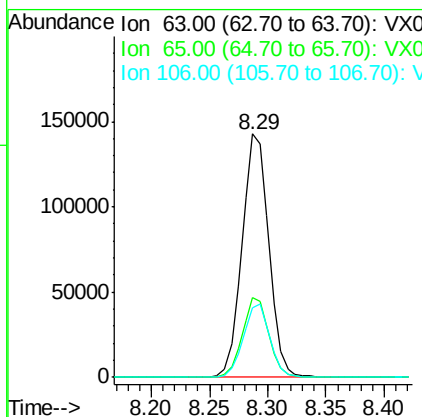
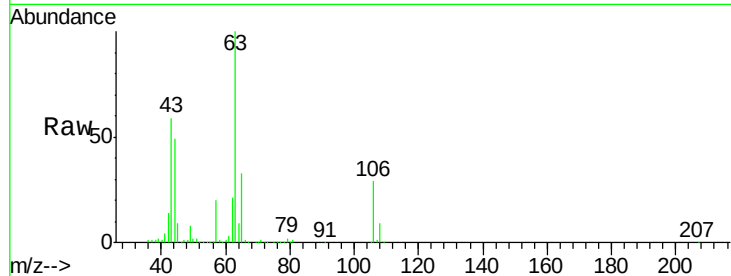




#55
 2-Chloroethyl vinyl ether
 Concen: 92.583 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

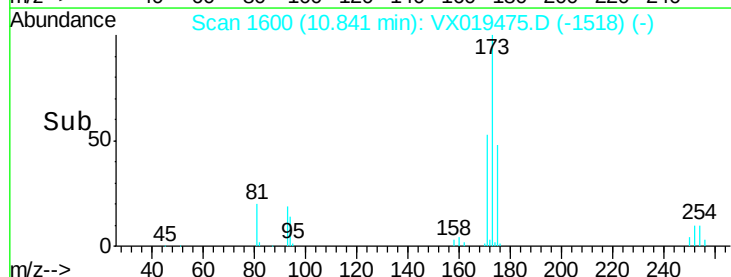
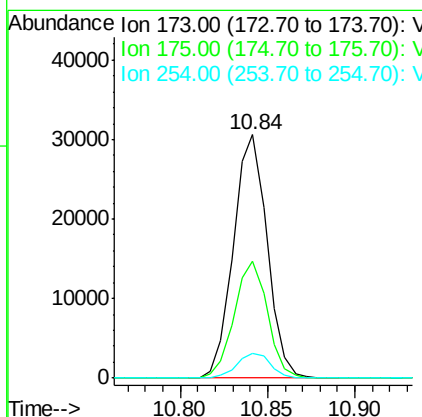
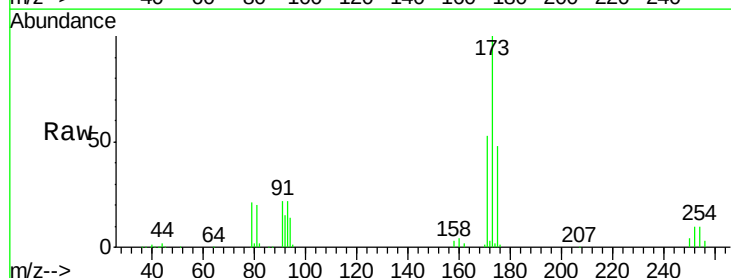
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

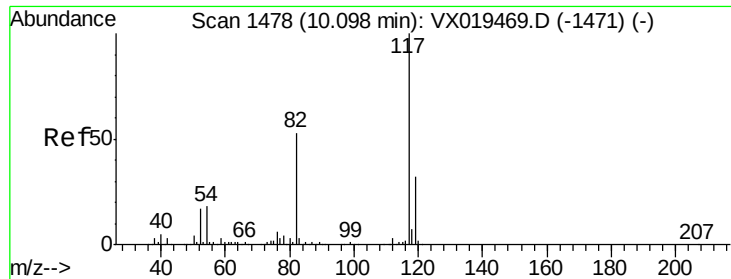
Tot Ion: 63 Resp: 229261
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.7 38.5
 106 29.7 24.2 36.4



#56
 Bromoform
 Concen: 18.481 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 173 Resp: 41050
 Ion Ratio Lower Upper
 173 100
 175 47.2 39.7 59.5
 254 10.2 8.0 12.0

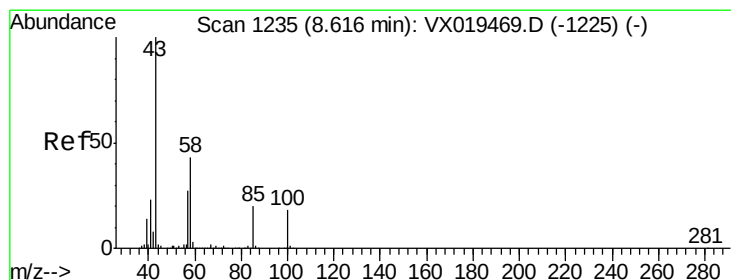
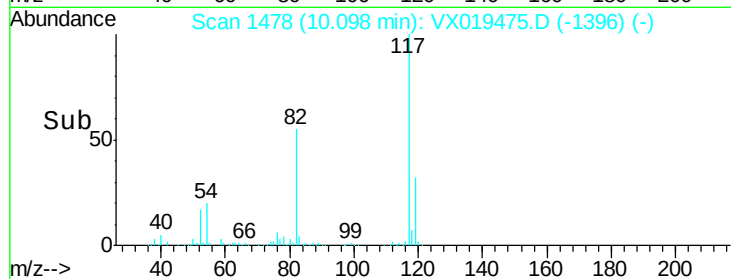
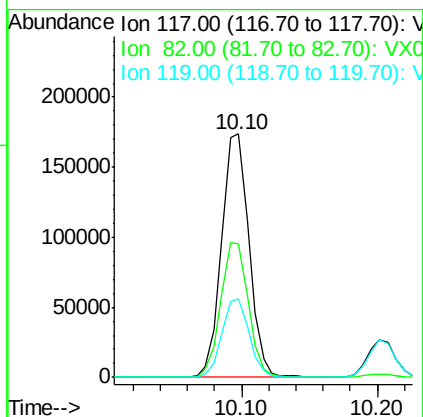
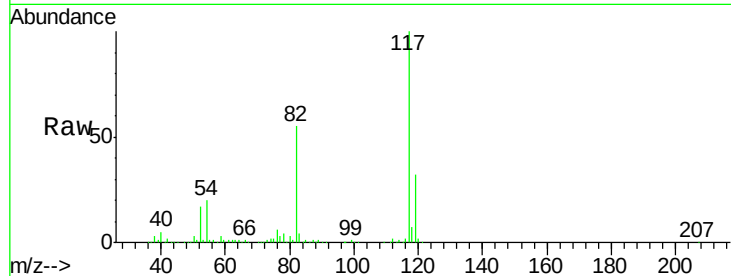




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

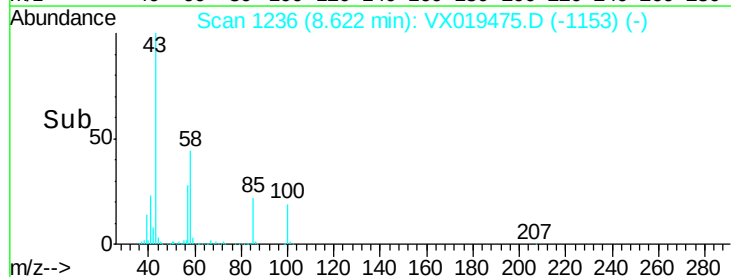
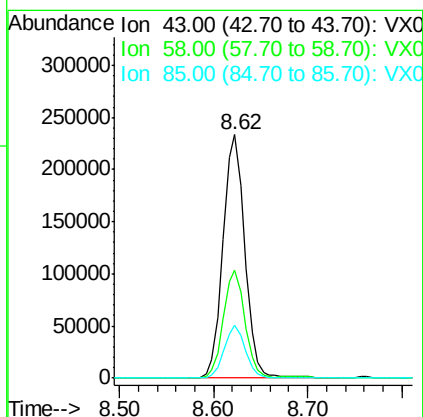
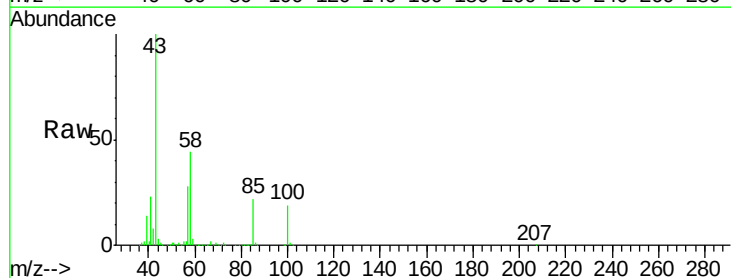
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

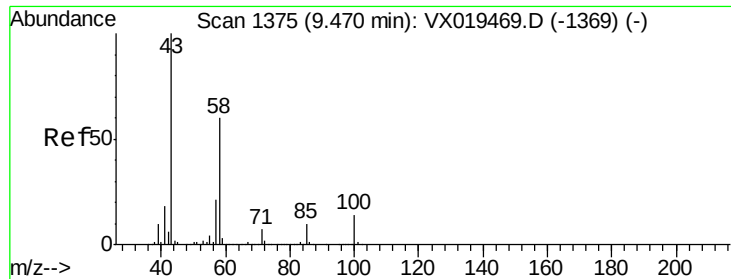
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.5	66.7
119	32.0	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 96.498 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.6	35.1	52.7
85	21.0	16.7	25.1

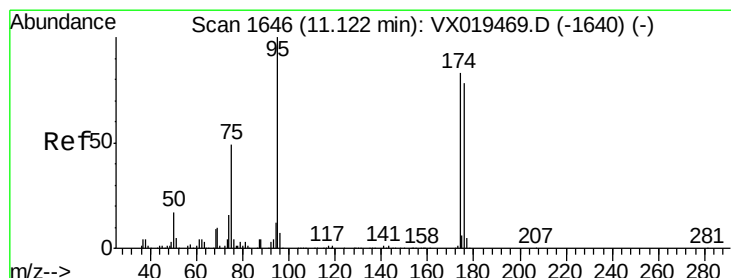
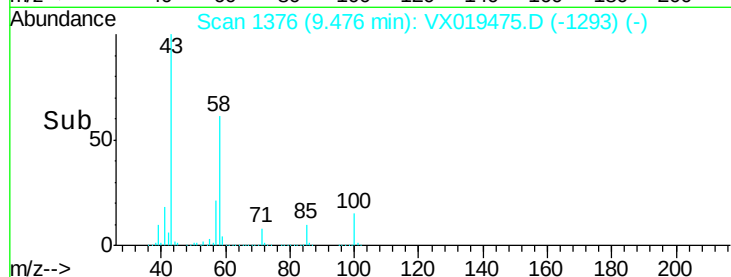
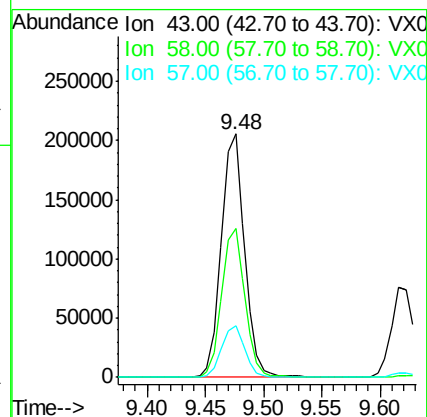
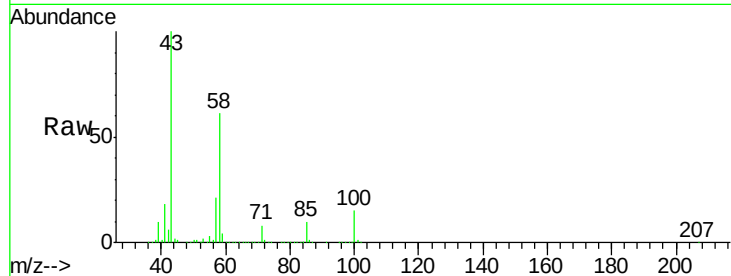




#59
2-Hexanone
Concen: 93.744 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

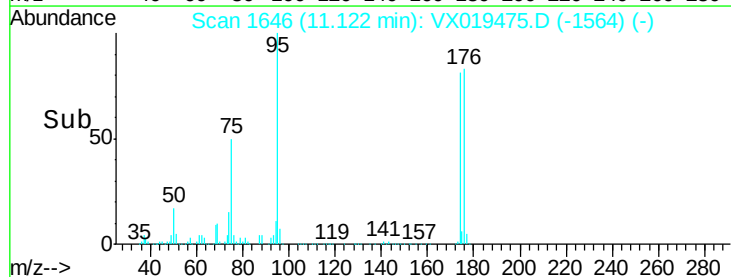
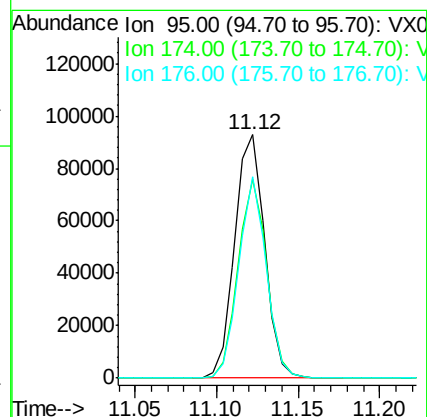
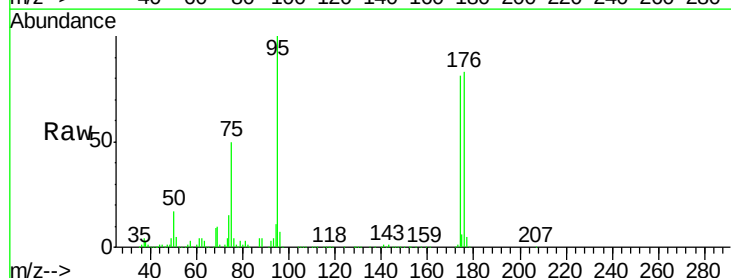
Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

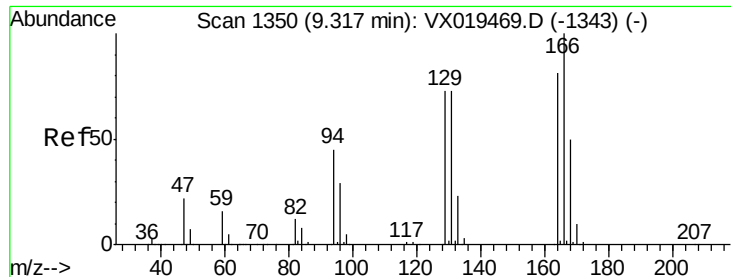
Tot Ion: 43 Resp: 282138
Ion Ratio Lower Upper
43 100
58 61.4 49.0 73.6
57 21.4 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 29.791 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion: 95 Resp: 118669
Ion Ratio Lower Upper
95 100
174 78.4 63.5 95.3
176 76.4 59.8 89.6





#61

Tetrachloroethene

Concen: 18.704 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:164 Resp: 59533

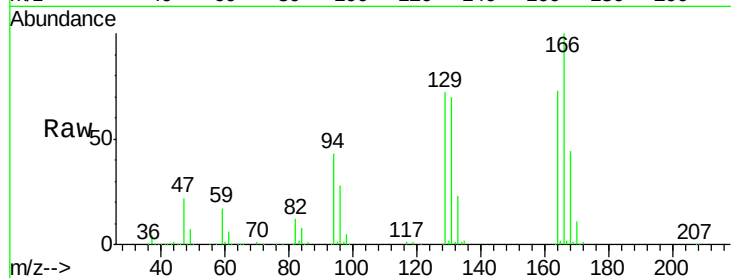
Ion Ratio Lower Upper

164 100

166 136.5 99.4 149.0

129 98.6 72.6 108.8

131 95.6 72.6 108.8

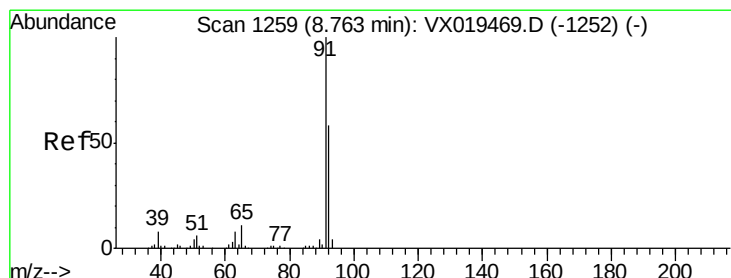
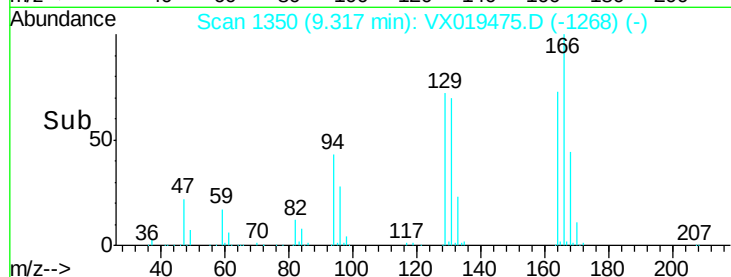
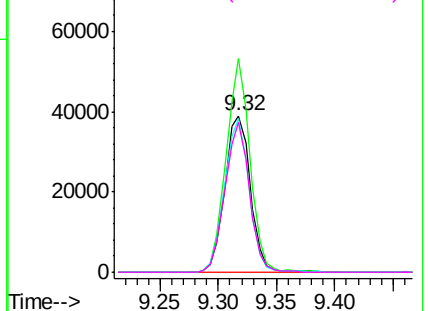


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.345 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019475.D

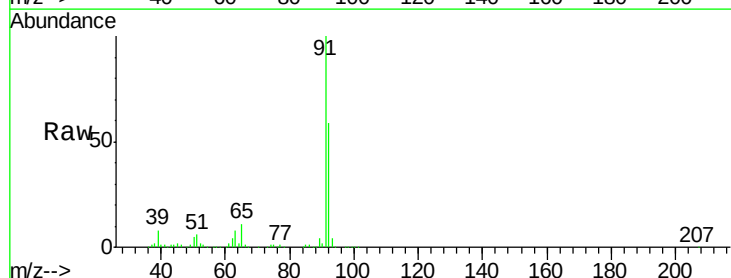
Acq: 19 Nov 2020 18:55

Tgt Ion: 91 Resp: 250627

Ion Ratio Lower Upper

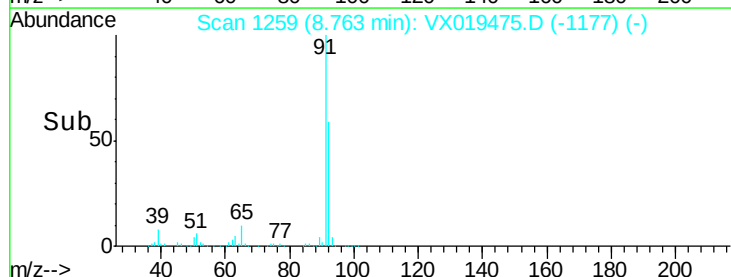
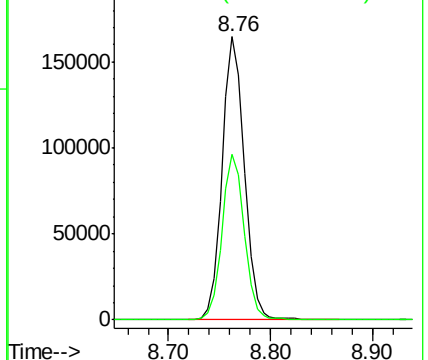
91 100

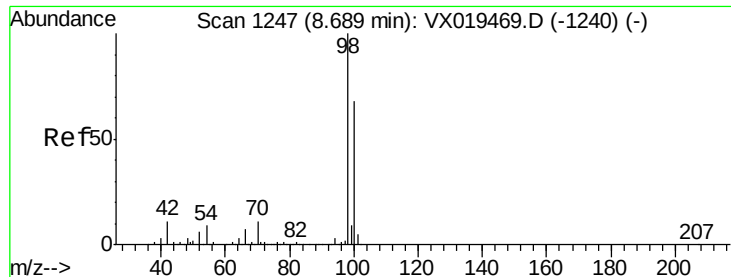
92 58.3 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.413 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

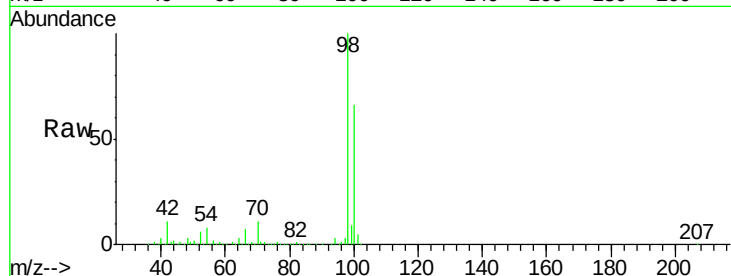
VX1120WBS01

Tot Ion: 98 Resp: 320234

Ion Ratio Lower Upper

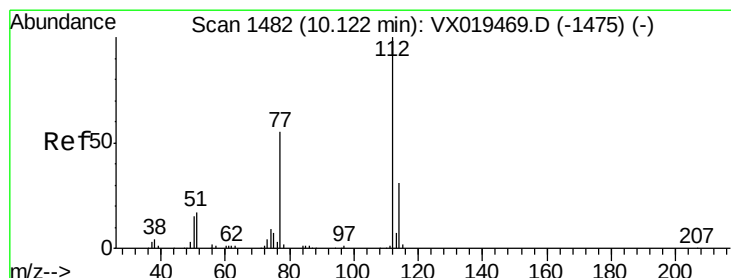
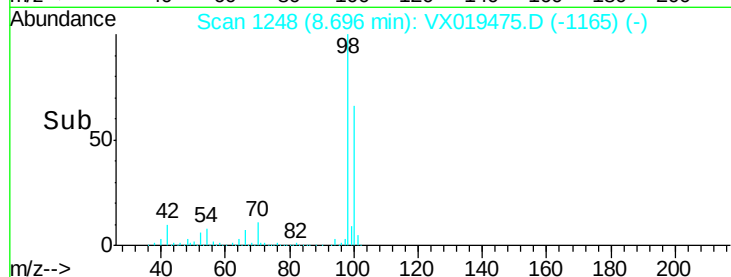
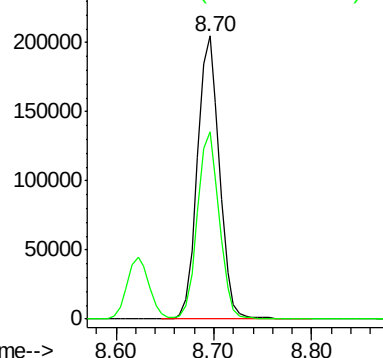
98 100

100 66.3 53.6 80.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 18.814 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019475.D

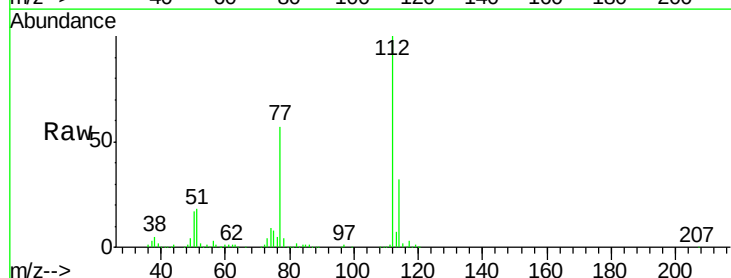
Acq: 19 Nov 2020 18:55

Tgt Ion: 112 Resp: 156552

Ion Ratio Lower Upper

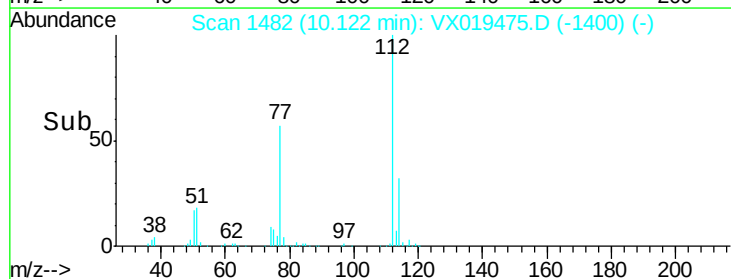
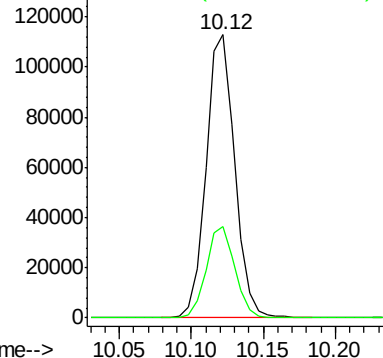
112 100

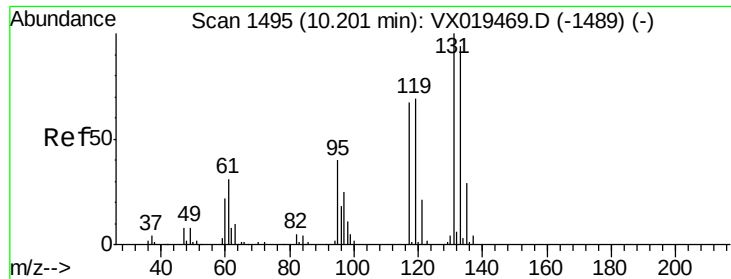
114 32.1 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

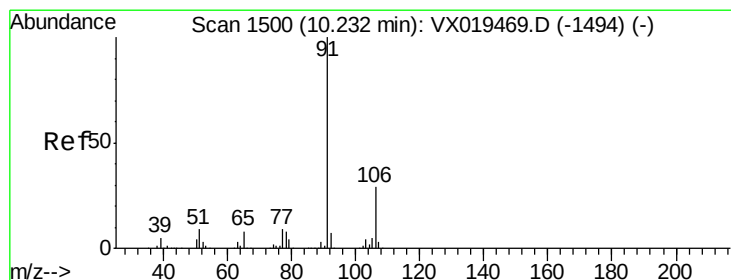
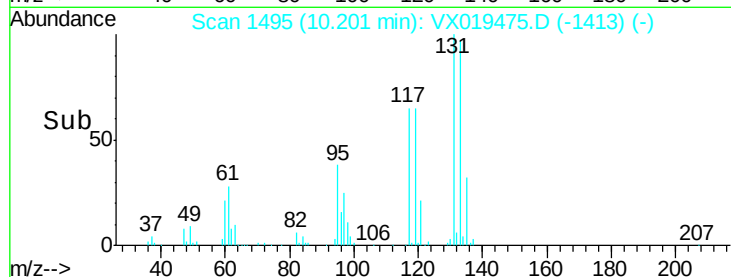
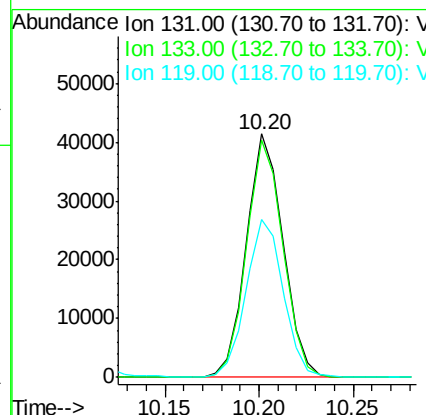
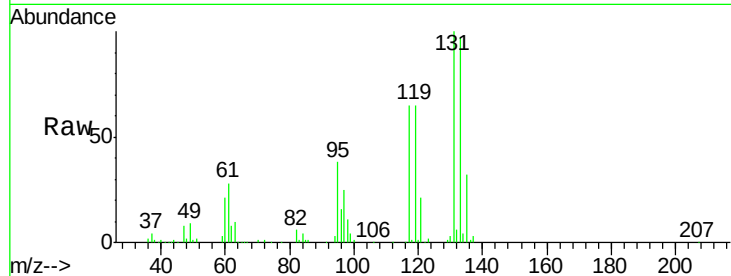




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.270 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

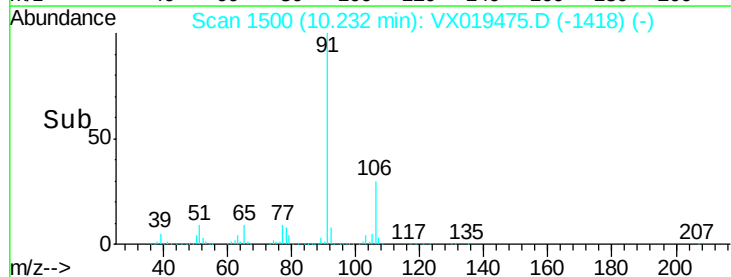
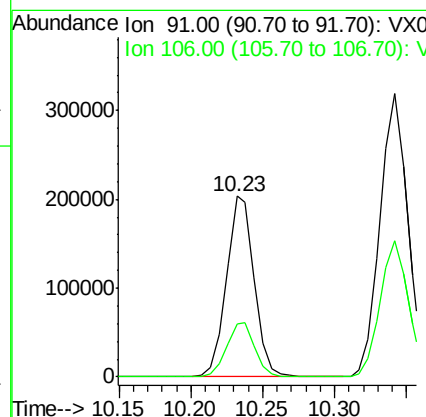
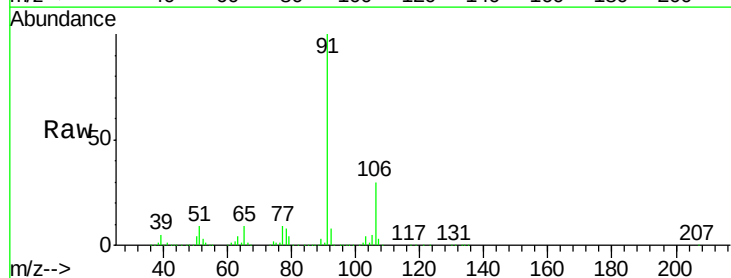
Instrument :
 MSVOA_X
 ClientSampled :
 VX1120WBS01

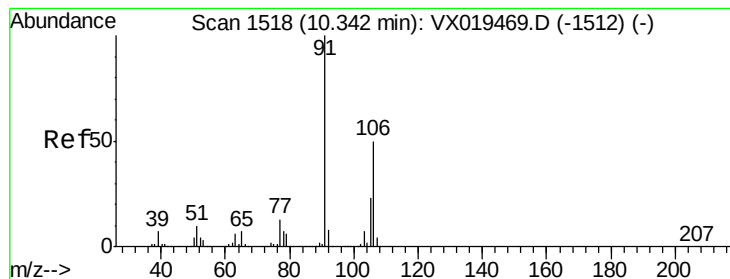
Tot Ion:131 Resp: 55967
 Ion Ratio Lower Upper
 131 100
 133 96.7 0.0 189.4
 119 65.8 0.0 130.4



#66
 Ethyl Benzene
 Concen: 18.459 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 91 Resp: 276330
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.5 35.3





#67

m/p-Xylenes

Concen: 37.082 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

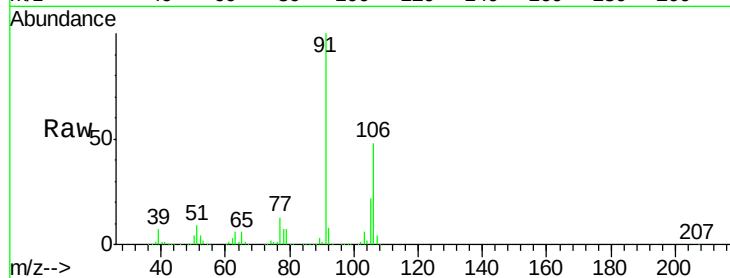
VX1120WBS01

Tot Ion:106 Resp: 207899

Ion Ratio Lower Upper

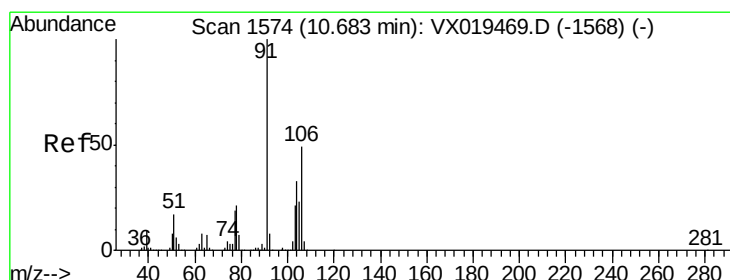
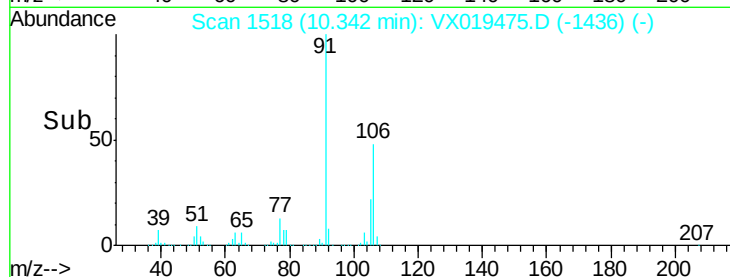
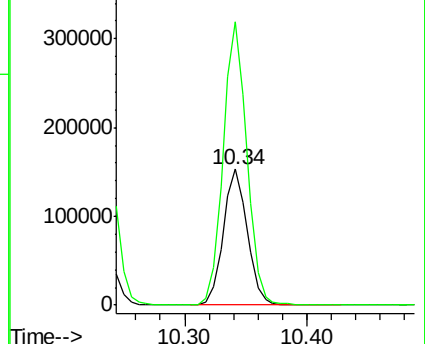
106 100

91 205.1 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.721 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019475.D

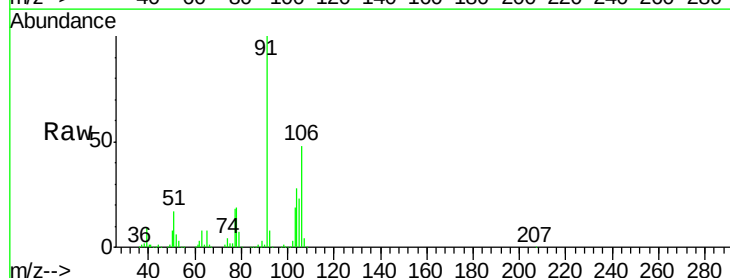
Acq: 19 Nov 2020 18:55

Tgt Ion:106 Resp: 99489

Ion Ratio Lower Upper

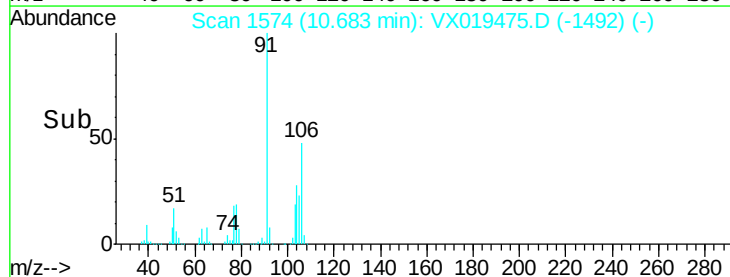
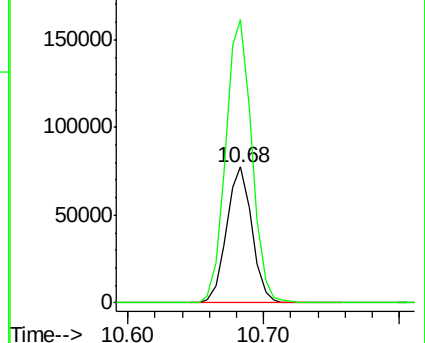
106 100

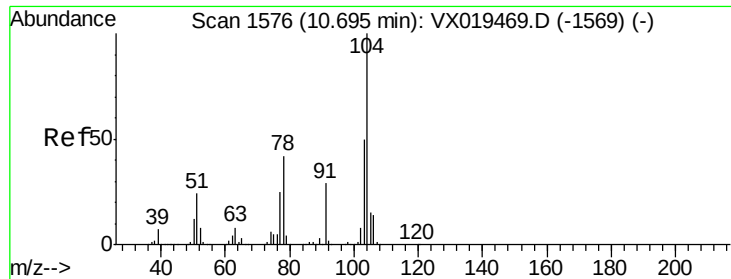
91 215.2 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

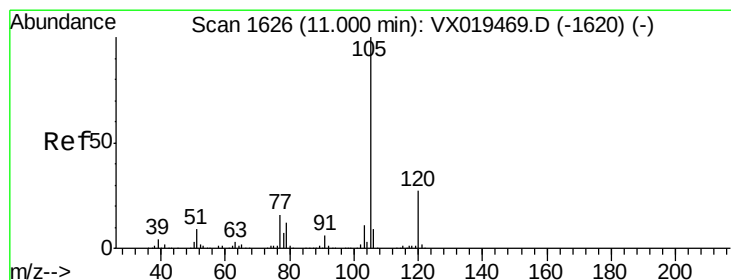
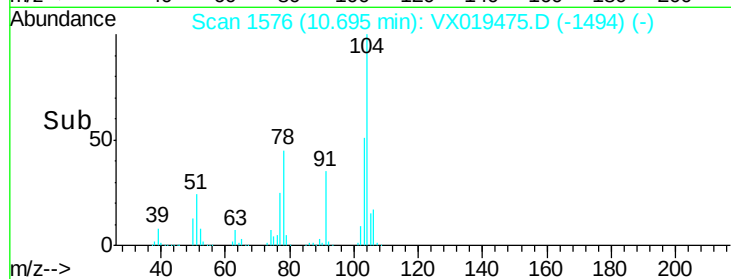
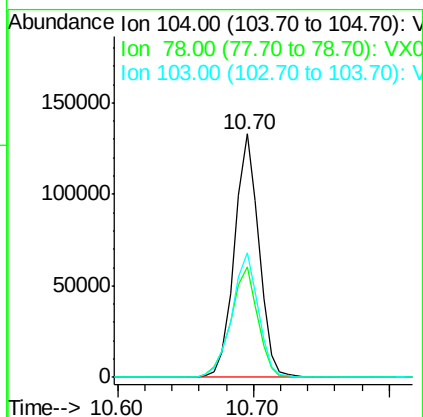
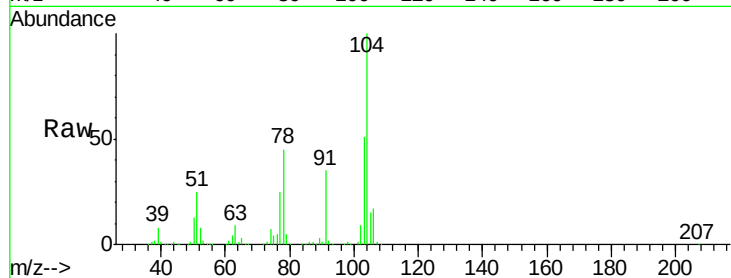




#69
Stvrene
Concen: 18.367 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

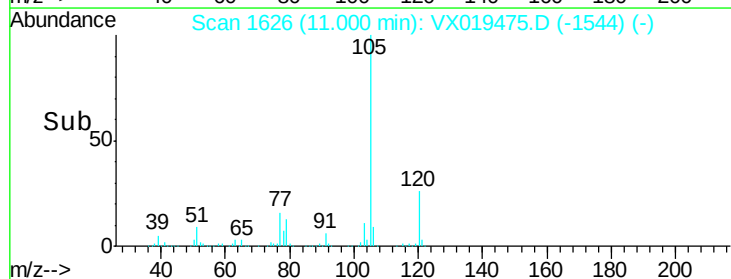
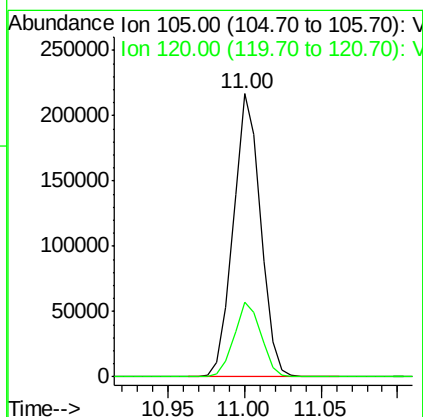
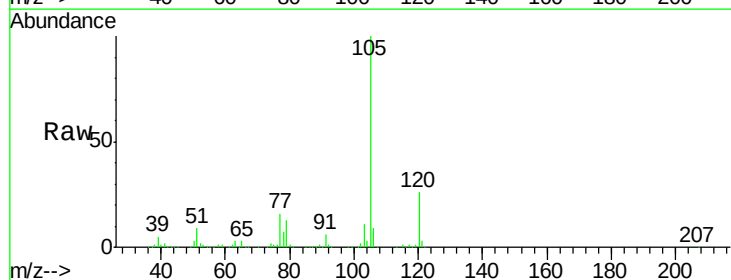
Instrument :
MSVOA_X
ClientSampled :
VX1120WBS01

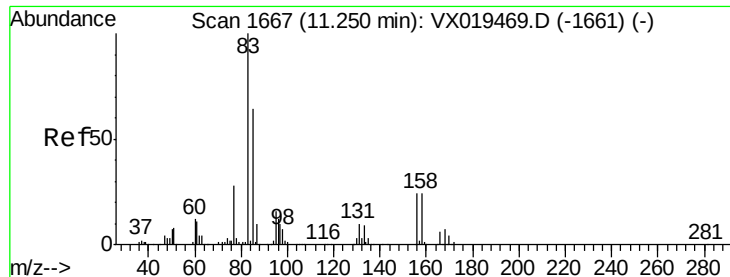
Tot Ion:104 Resp: 166304
Ion Ratio Lower Upper
104 100
78 50.1 39.2 58.8
103 55.1 43.8 65.8



#70
Isopropylbenzene
Concen: 18.627 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion:105 Resp: 268344
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 18.539 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

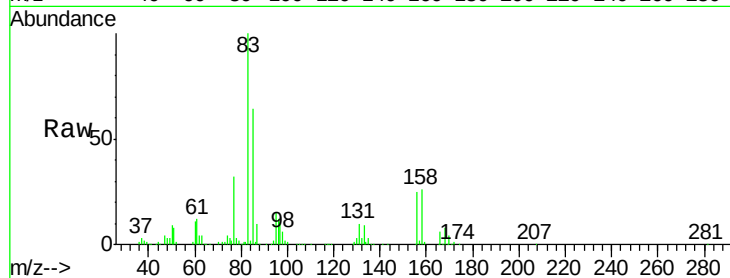
Tot Ion: 83 Resp: 91179

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

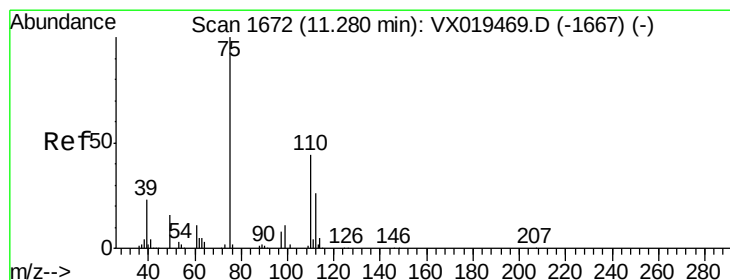
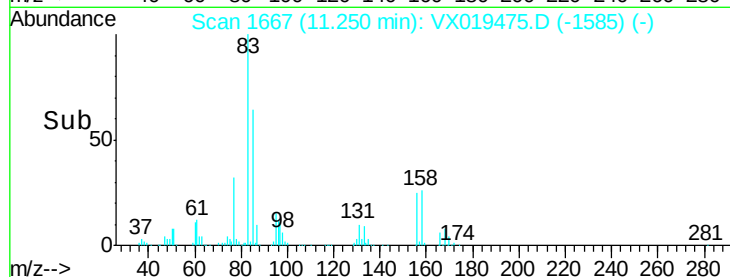
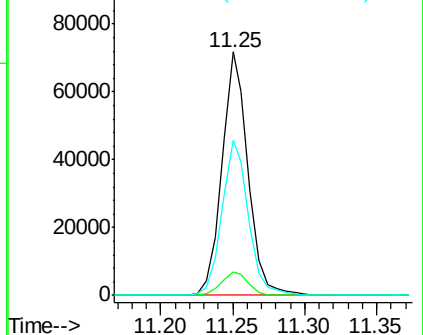
85 64.7 31.6 94.8



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: 23.559 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019475.D

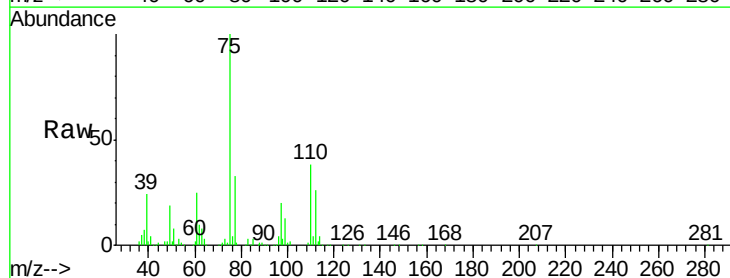
Acq: 19 Nov 2020 18:55

Tgt Ion: 75 Resp: 104166

Ion Ratio Lower Upper

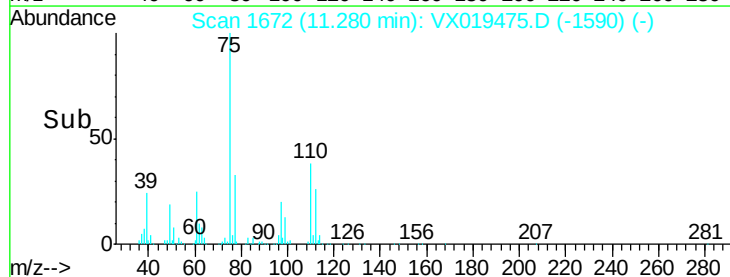
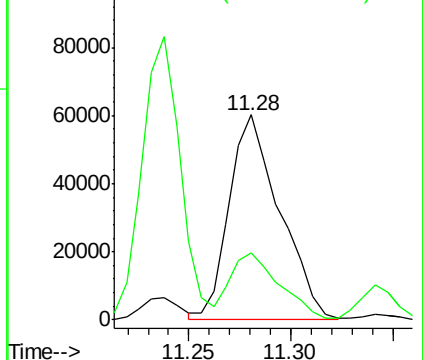
75 100

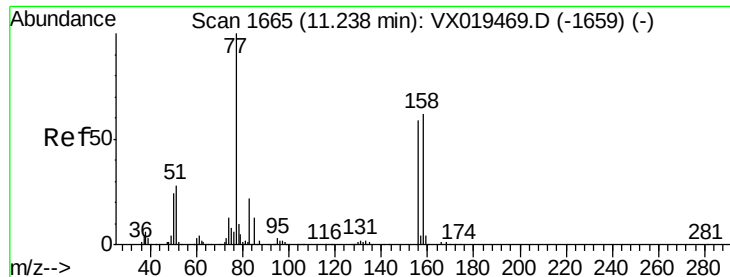
77 31.7 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.591 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

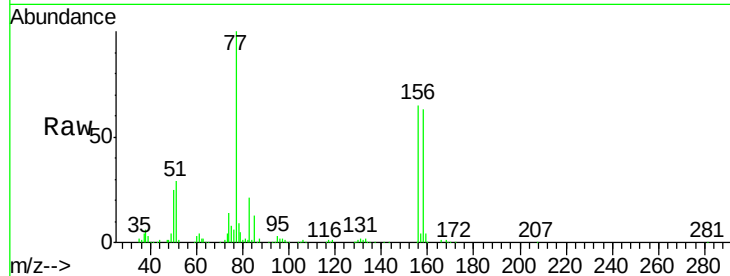
Tot Ion:156 Resp: 66800

Ion Ratio Lower Upper

156 100

77 162.4 0.0 329.0

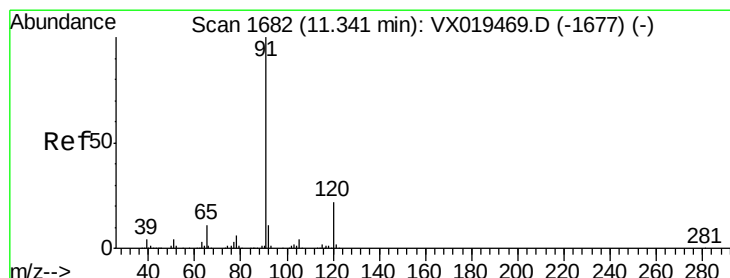
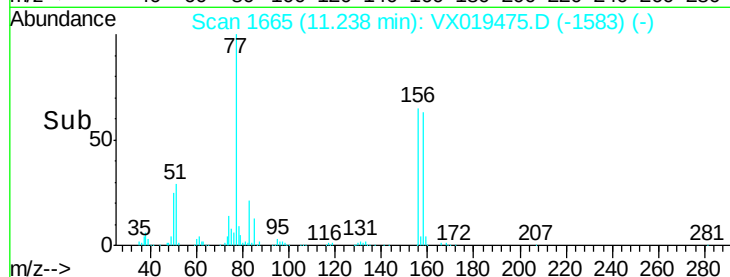
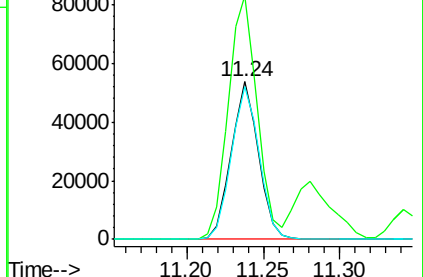
158 98.6 0.0 197.0



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



#74

n-propylbenzene

Concen: 18.618 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019475.D

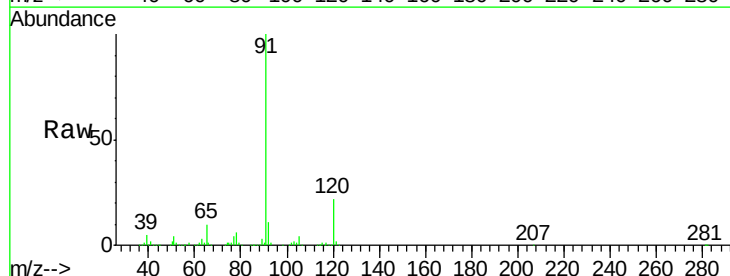
Acq: 19 Nov 2020 18:55

Tgt Ion: 91 Resp: 311867

Ion Ratio Lower Upper

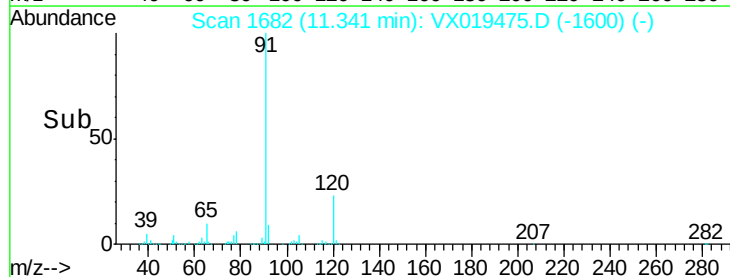
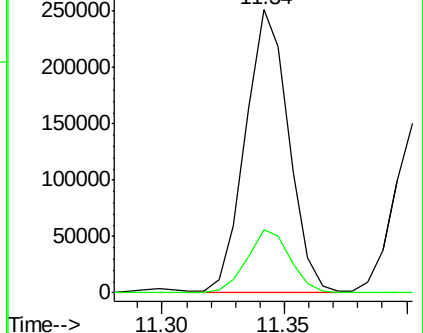
91 100

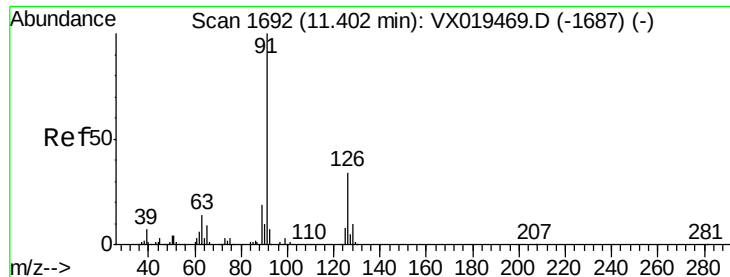
120 22.3 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.789 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

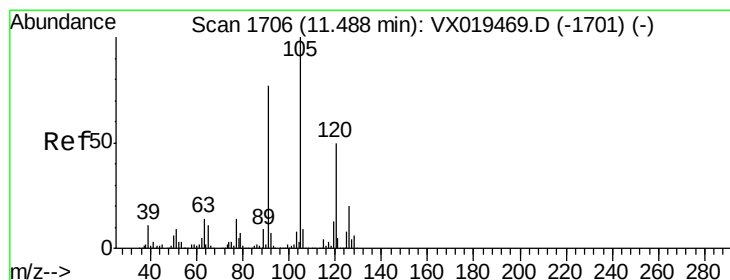
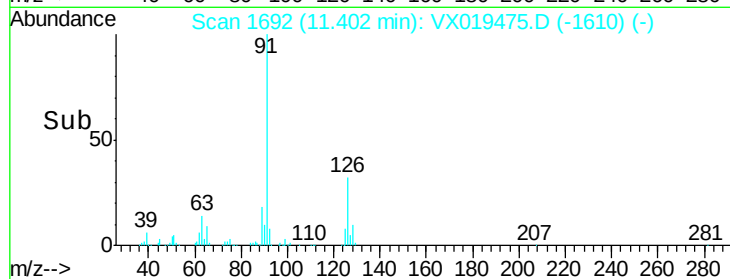
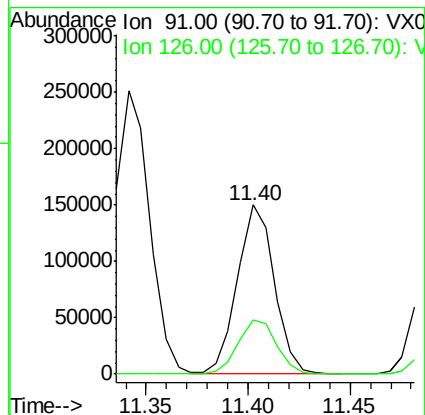
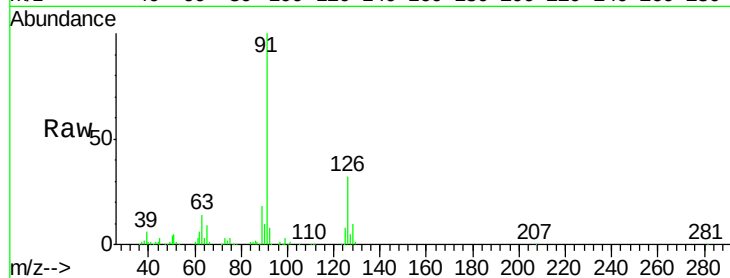
VX1120WBS01

Tot Ion: 91 Resp: 188717

Ion Ratio Lower Upper

91 100

126 33.1 0.0 66.4



#76

1,3,5-Trimethylbenzene

Concen: 18.653 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019475.D

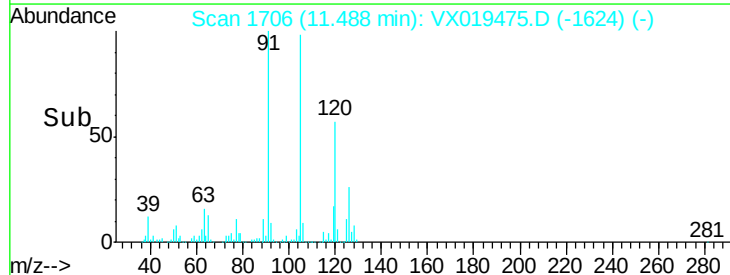
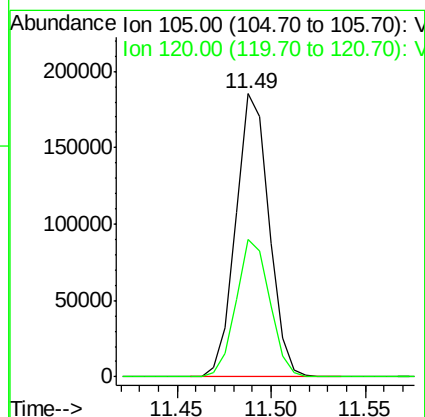
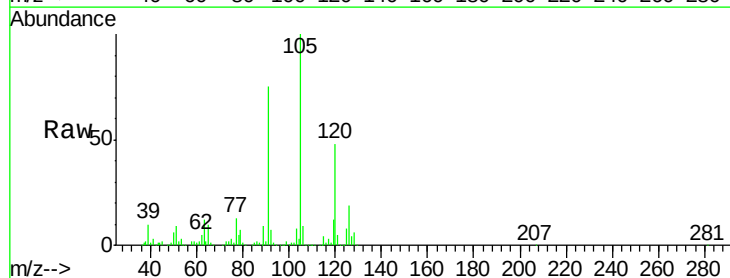
Acq: 19 Nov 2020 18:55

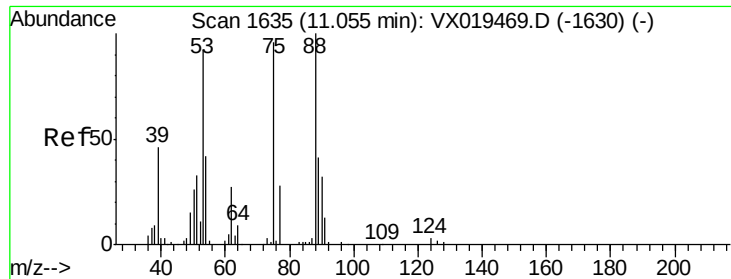
Tgt Ion: 105 Resp: 227694

Ion Ratio Lower Upper

105 100

120 48.9 0.0 99.4

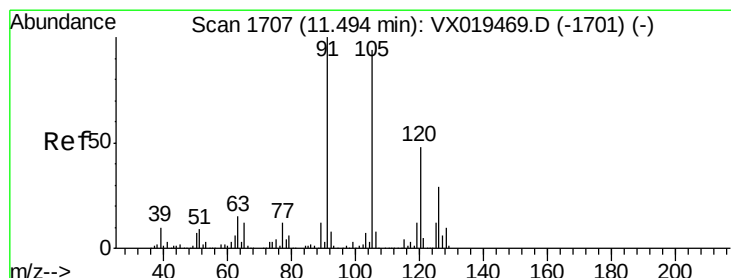
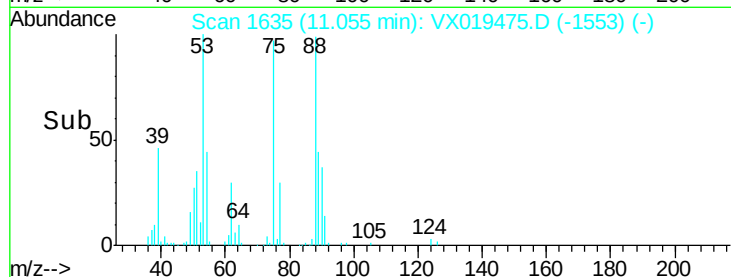
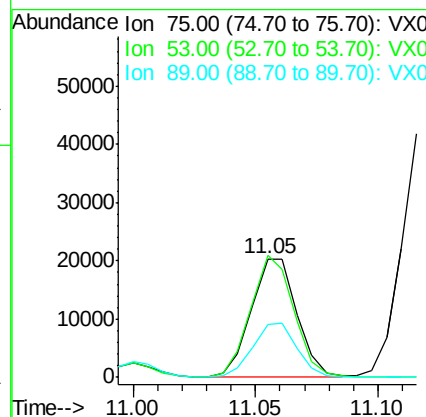
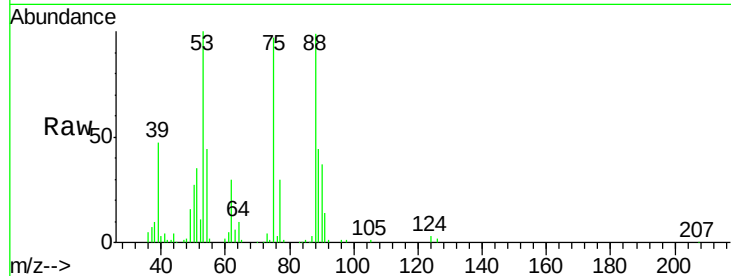




#77
t-1,4-Dichloro-2-butene
Concen: 17.616 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

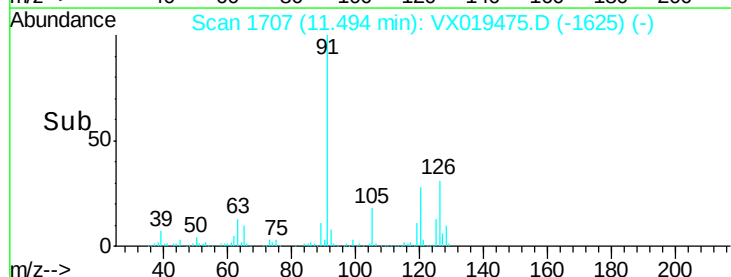
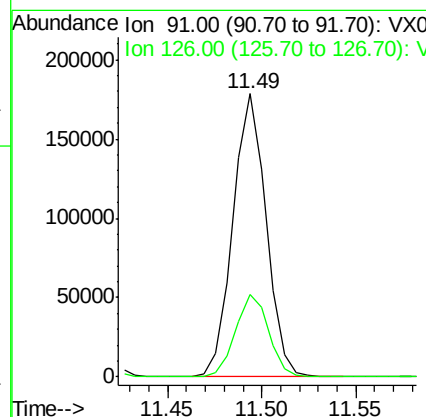
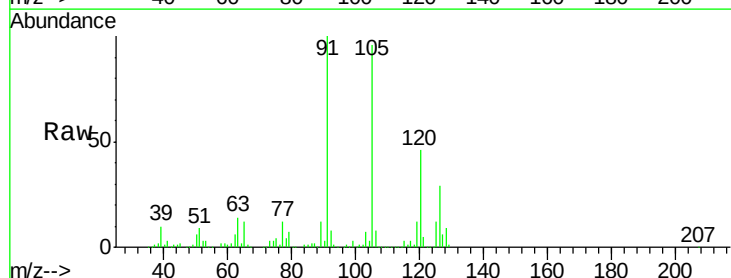
Instrument :
MSVOA_X
ClientSampled :
VX1120WBS01

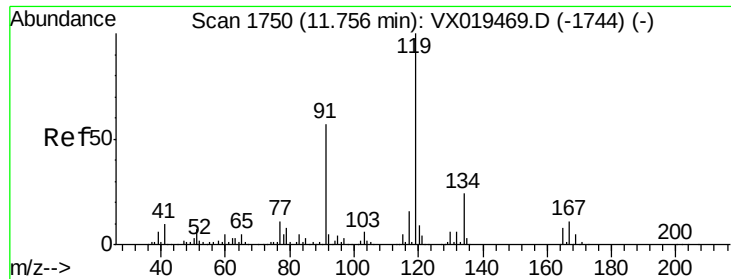
Tot Ion: 75 Resp: 26695
Ion Ratio Lower Upper
75 100
53 102.9 47.9 143.6
89 44.9 21.4 64.2



#78
4-Chlorotoluene
Concen: 18.557 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion: 91 Resp: 217861
Ion Ratio Lower Upper
91 100
126 29.4 0.0 58.6

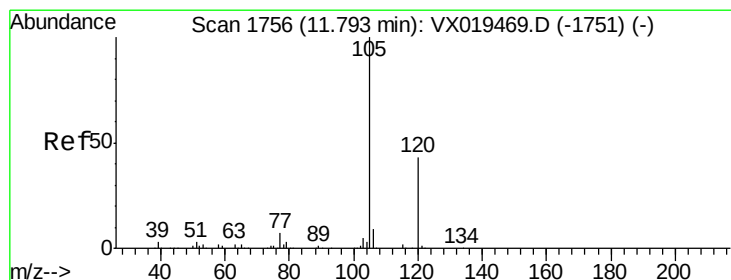
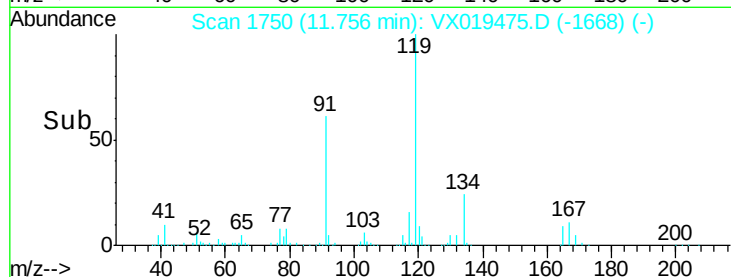
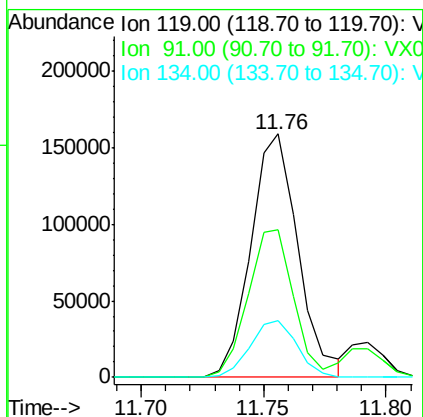
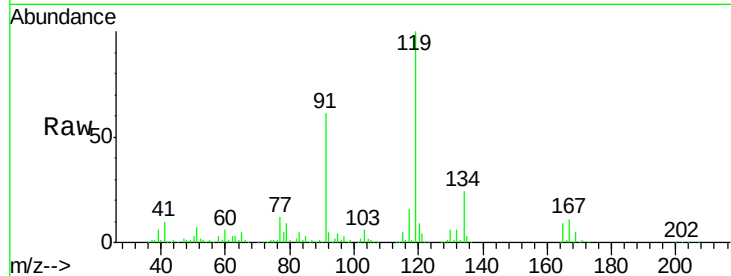




#79
 tert-butylbenzene
 Concen: 18.325 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

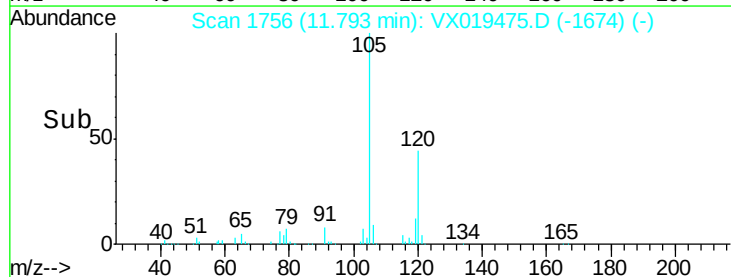
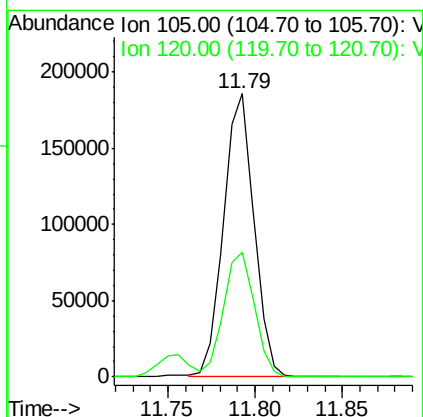
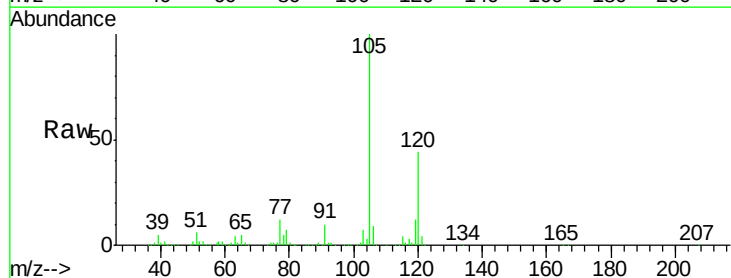
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

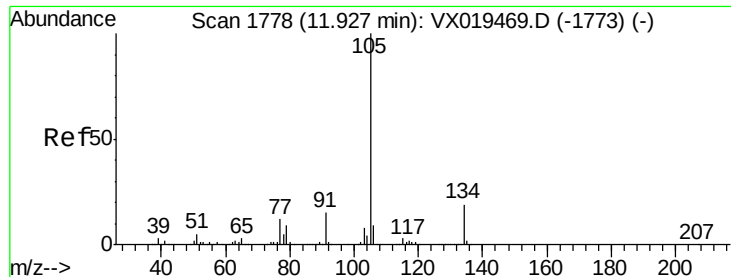
Tot Ion:119 Resp: 214561
 Ion Ratio Lower Upper
 119 100
 91 58.3 0.0 117.0
 134 23.2 0.0 47.2



#80
 1,2,4-Trimethylbenzene
 Concen: 18.413 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion:105 Resp: 225880
 Ion Ratio Lower Upper
 105 100
 120 44.8 0.0 91.2





#81

sec-Butylbenzene

Concen: 18.497 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

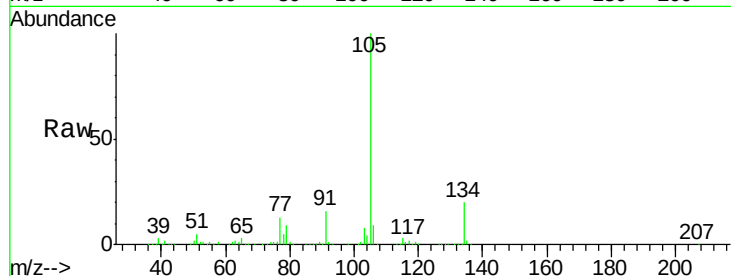
VX1120WBS01

Tot Ion:105 Resp: 259969

Ion Ratio Lower Upper

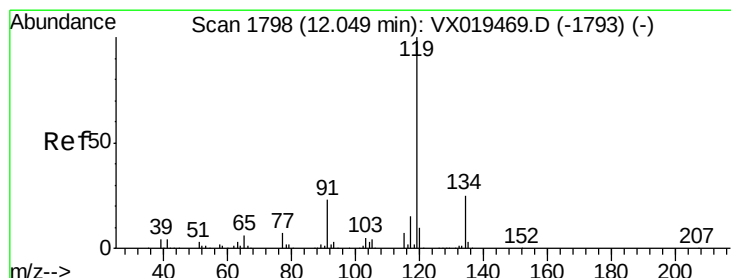
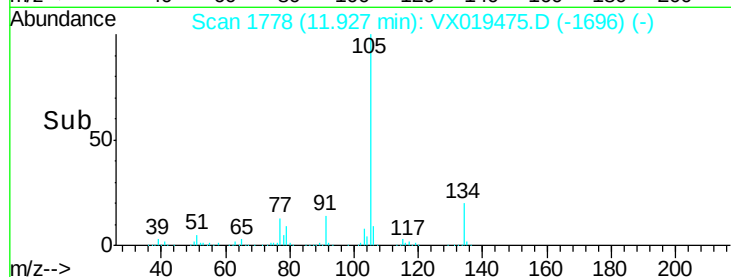
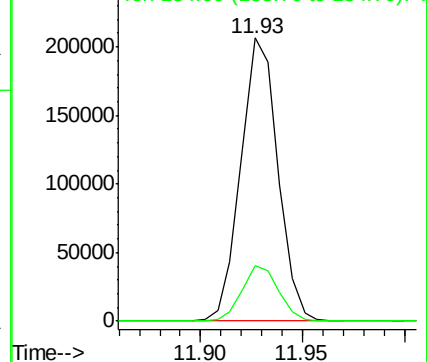
105 100

134 19.4 0.0 39.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.107 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

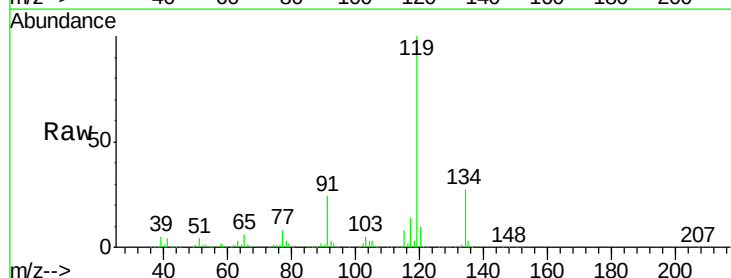
Tgt Ion:119 Resp: 231435

Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.8

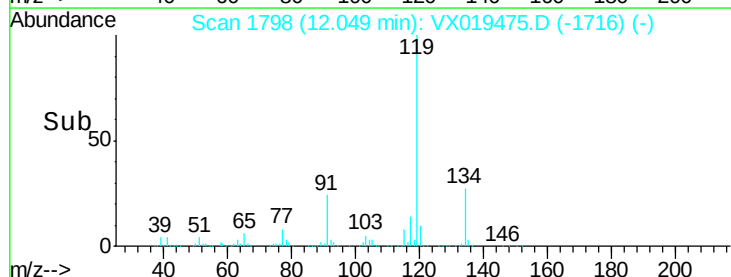
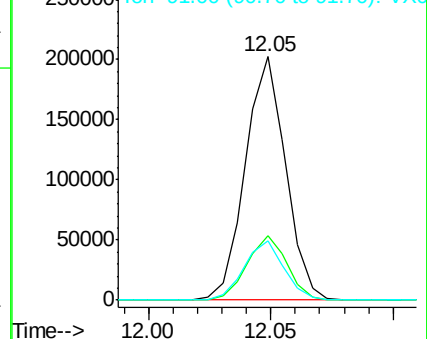
91 24.1 0.0 47.6

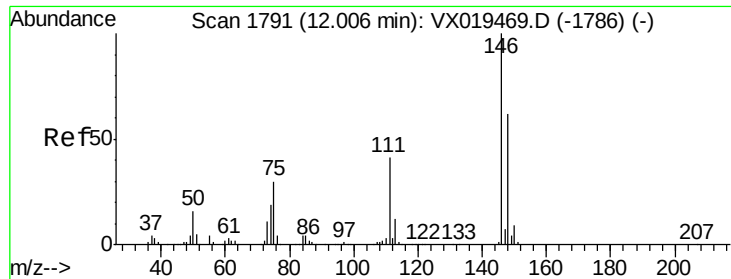


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

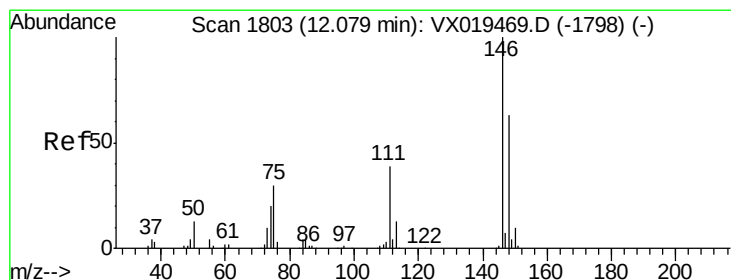
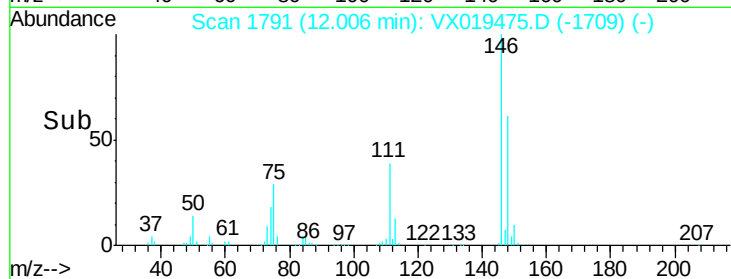
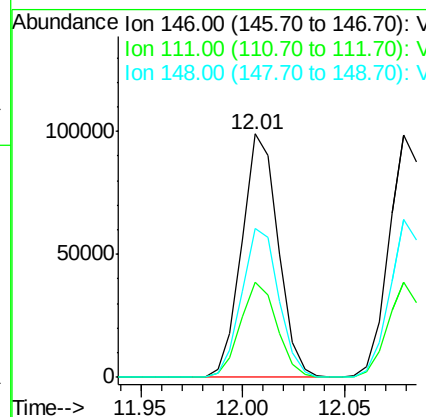
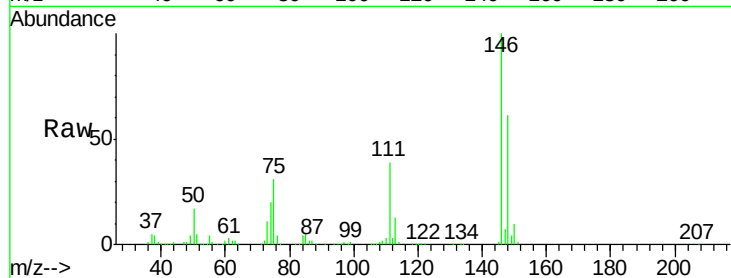




#83
 1,3-Dichlorobenzene
 Concen: 18.476 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

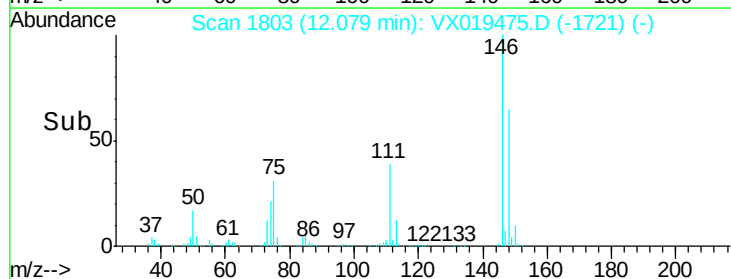
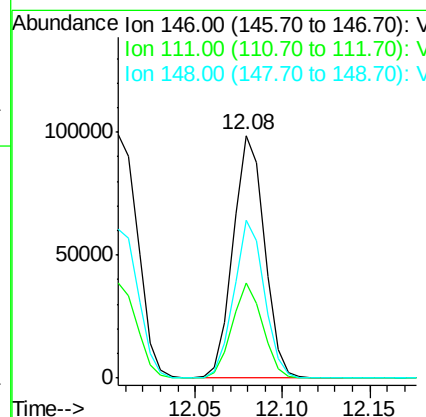
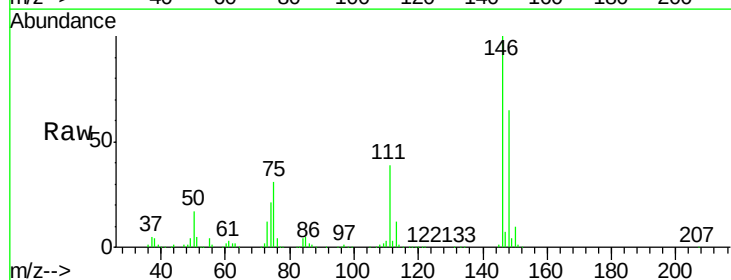
Instrument :
 MSVOA_X
 ClientSampled :
 VX1120WBS01

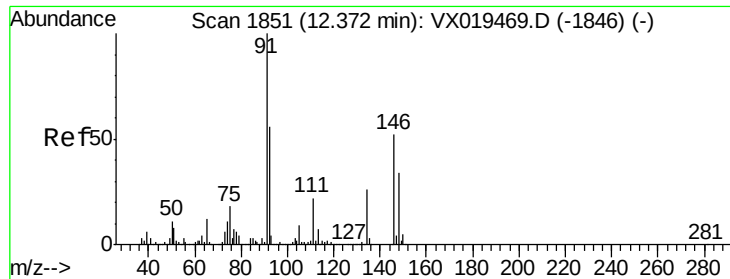
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	60.0
148	62.7	31.4	94.0



#84
 1,4-Dichlorobenzene
 Concen: 18.395 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.2	31.4	94.2





#85

n-Butylbenzene

Concen: 17.603 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampled :

VX1120WBS01

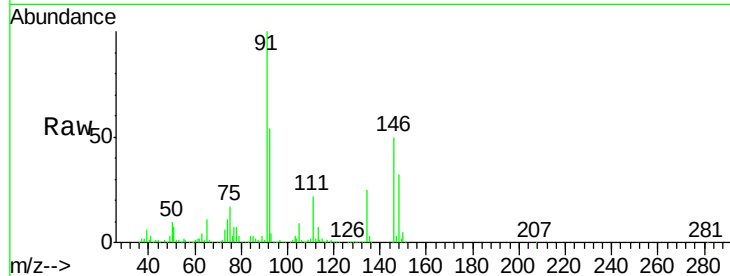
Tot Ion: 91 Resp: 205304

Ion Ratio Lower Upper

91 100

92 54.5 0.0 111.2

134 25.8 0.0 51.2

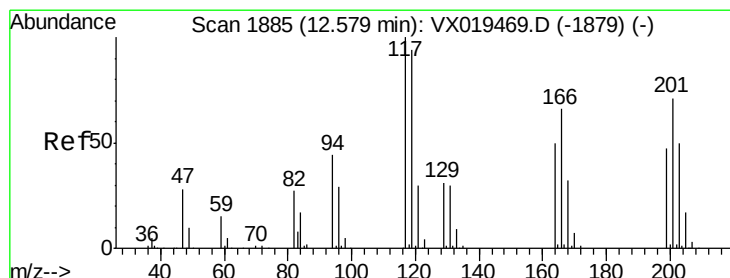
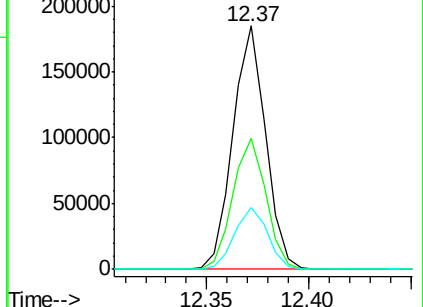
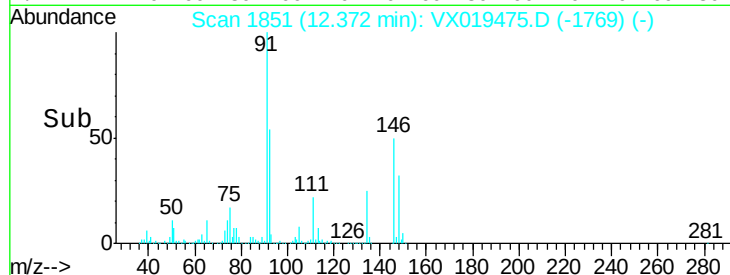


Abundance Ion 91.00 (90.70 to 91.70): VX019469.D (-1846) (-)

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

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

Time-->



#86

Hexachloroethane

Concen: 16.978 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019475.D

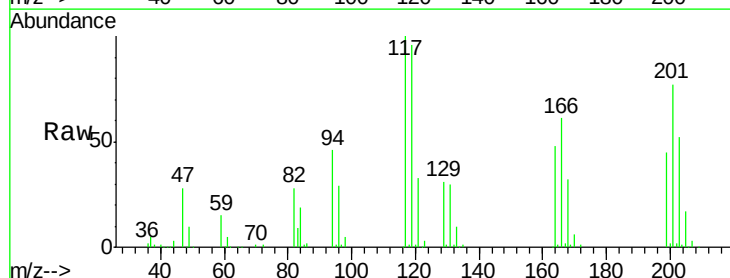
Acq: 19 Nov 2020 18:55

Tgt Ion: 117 Resp: 36524

Ion Ratio Lower Upper

117 100

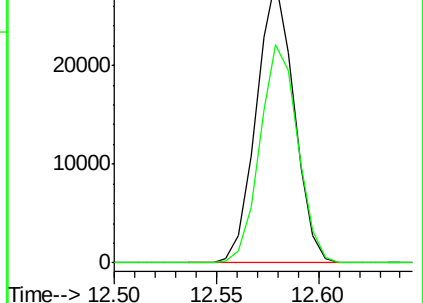
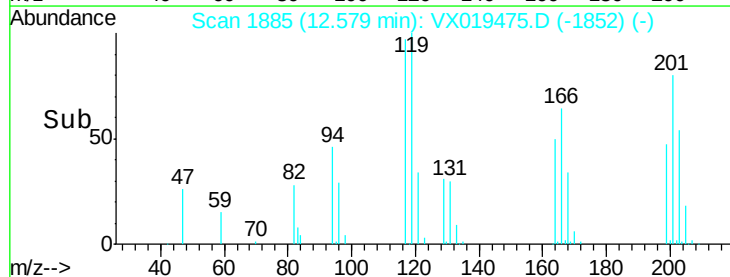
201 78.0 38.4 115.1

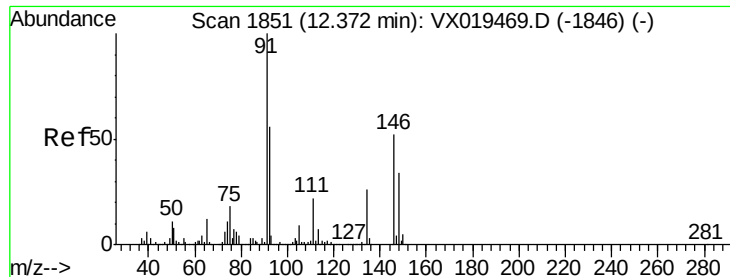


Abundance Ion 117.00 (116.70 to 117.70): VX019469.D (-1879) (-)

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

Time-->

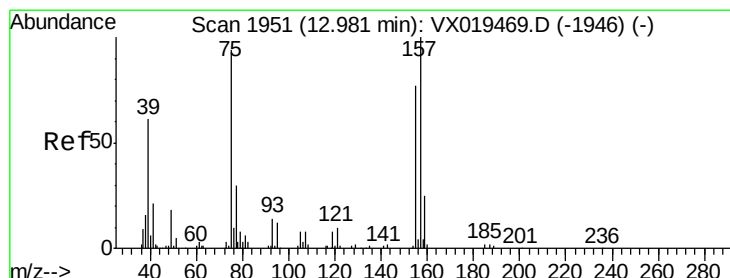
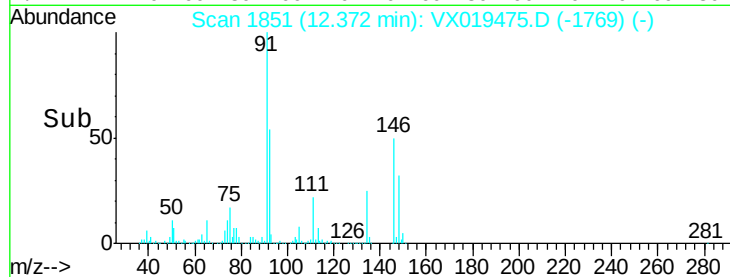
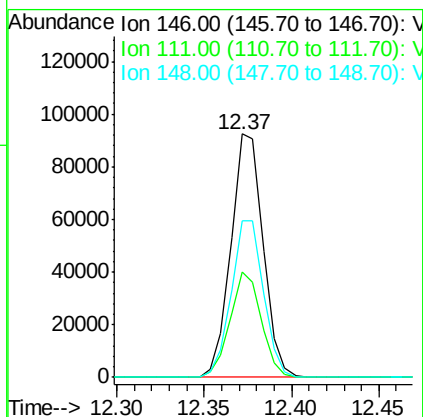
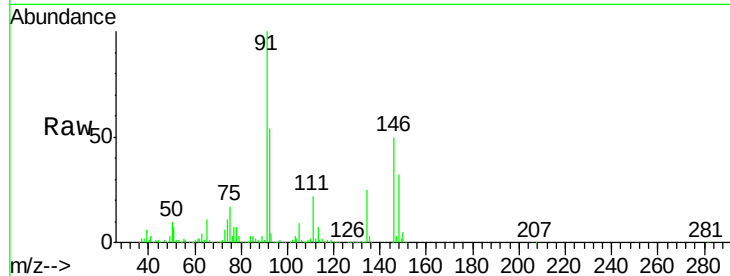




#87
 1,2-Dichlorobenzene
 Concen: 17.998 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

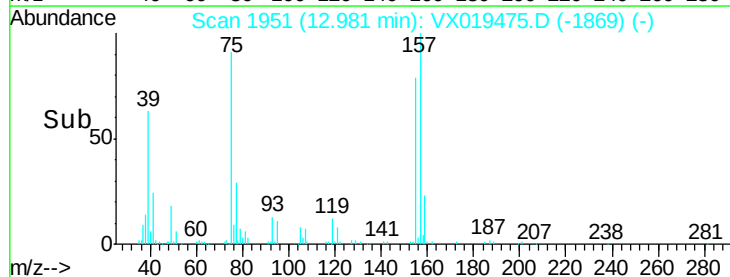
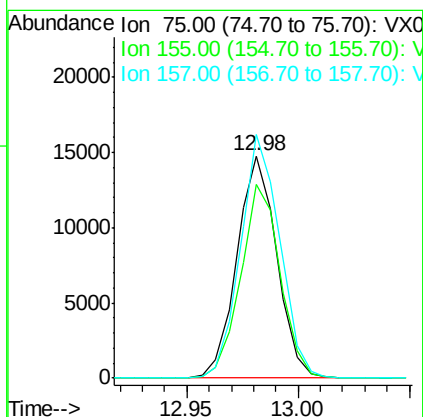
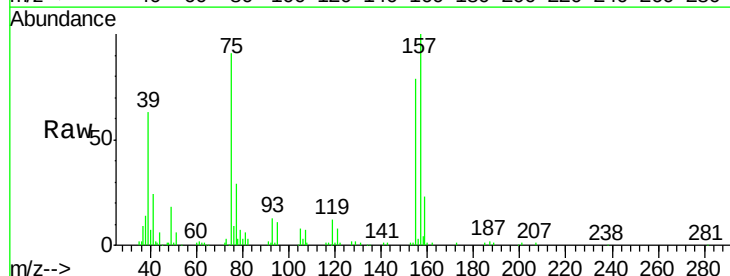
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

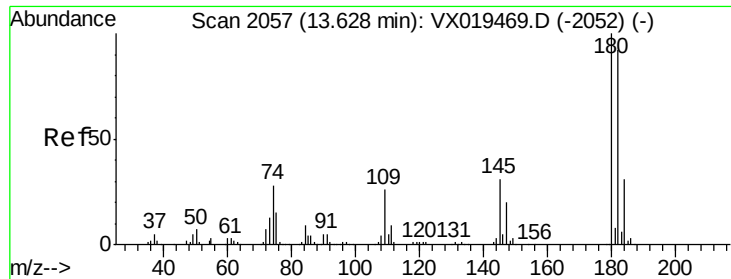
Tot Ion:146 Resp: 117949
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.6
 148 64.9 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.850 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 75 Resp: 18453
 Ion Ratio Lower Upper
 75 100
 155 86.3 68.6 103.0
 157 108.0 90.0 135.0

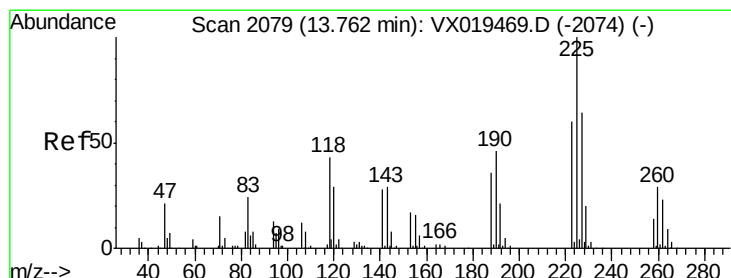
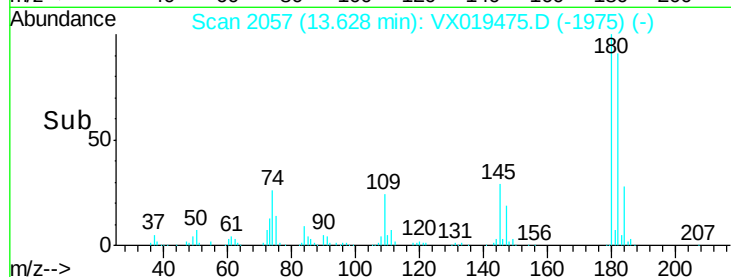
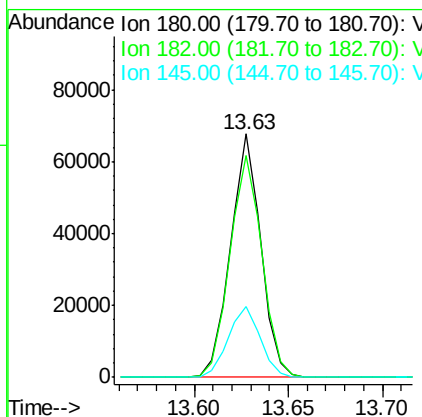
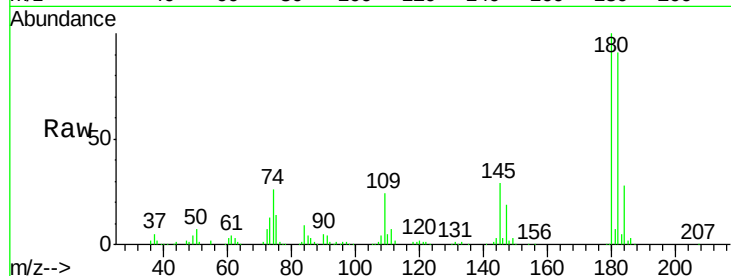




#89
 1,2,4-Trichlorobenzene
 Concen: 17.259 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

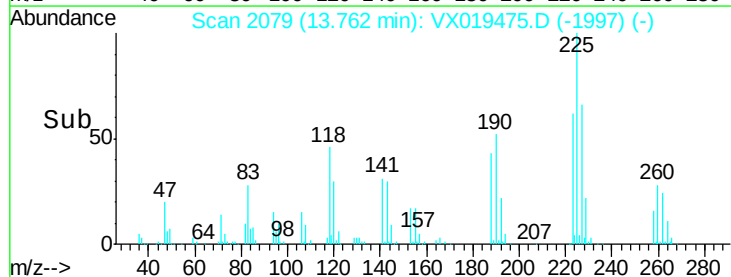
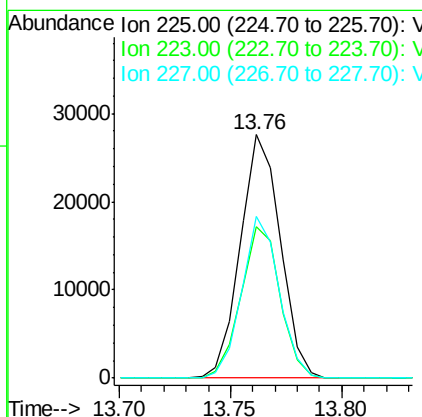
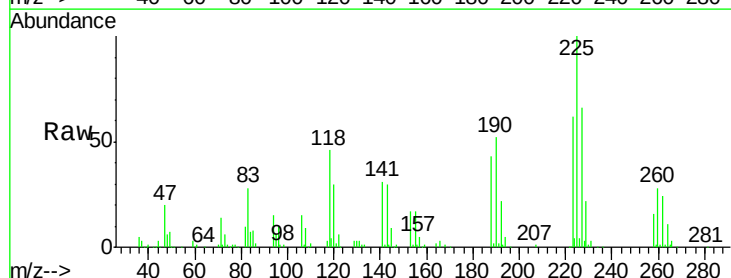
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

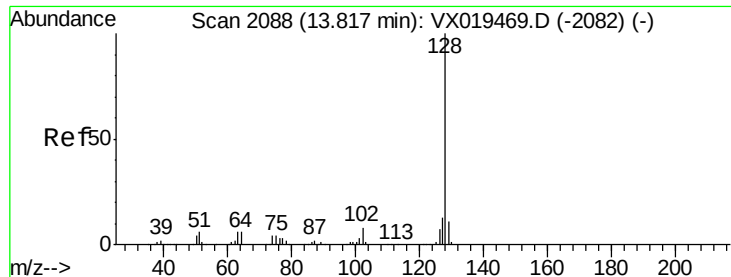
Tot Ion:180 Resp: 75488
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.1 114.1
 145 30.6 24.7 37.1



#90
 Hexachlorobutadiene
 Concen: 17.654 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion:225 Resp: 34710
 Ion Ratio Lower Upper
 225 100
 223 60.9 0.0 119.2
 227 61.8 0.0 126.4

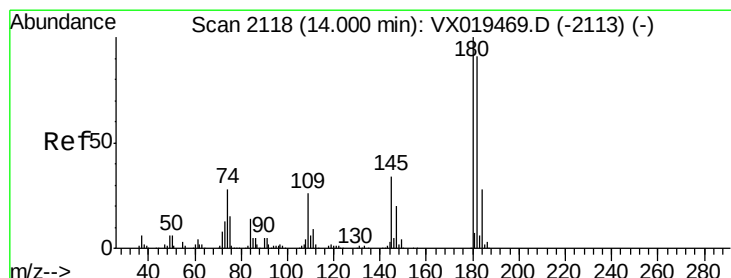
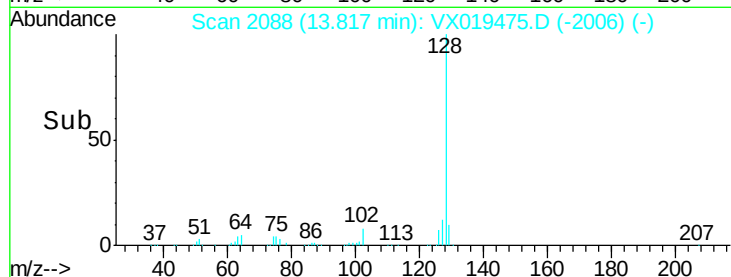
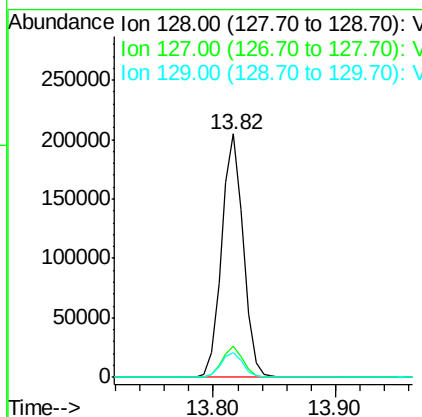
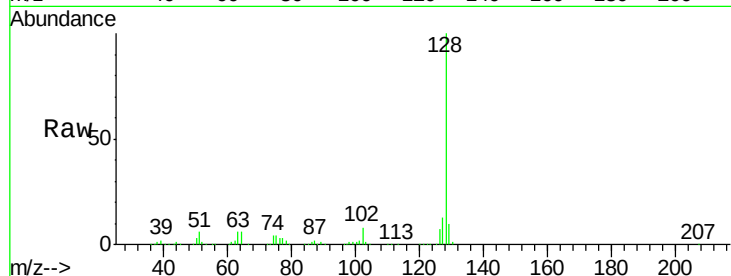




#91
Naphthalene
Concen: 17.946 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion:128 Resp: 249703
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.5 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 17.745 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion:180 Resp: 77597
Ion Ratio Lower Upper
180 100
182 94.1 0.0 192.2
145 32.2 0.0 63.6

