

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019956.D
 Acq On : 13 Dec 2020 01:19
 Operator : JC/MD
 Sample : VX1212WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

Quant Time: Dec 14 05:30:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	261018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192524	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	171110	49.88	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.76%	
35) Dibromofluoromethane		5.46	113	138513	49.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.56%	
50) Toluene-d8		8.70	98	529569	49.35	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.70%	
62) 4-Bromofluorobenzene		11.12	95	197703	48.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	44286	18.532	ug/l	96
3) Chloromethane	1.31	50	50627	18.014	ug/l	99
4) Vinyl Chloride	1.39	62	57448	19.386	ug/l	99
5) Bromomethane	1.62	94	30464	30.960	ug/l	96
6) Chloroethane	1.71	64	38925	21.866	ug/l	99
7) Trichlorofluoromethane	1.92	101	80951	19.615	ug/l	96
8) Diethyl Ether	2.17	74	35623	20.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46310	19.577	ug/l	98
10) Methyl Iodide	2.49	142	57068	16.367	ug/l	98
11) Tert butyl alcohol	3.01	59	75876	106.080	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46512	19.449	ug/l	97
13) Acrolein	2.27	56	25561	67.503	ug/l	99
14) Allyl chloride	2.70	41	78938	19.544	ug/l	97
15) Acrylonitrile	3.11	53	170801	110.133	ug/l	99
16) Acetone	2.42	43	136829	106.114	ug/l	99
17) Carbon Disulfide	2.55	76	111728	16.282	ug/l	100
18) Methyl Acetate	2.75	43	74339	23.559	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	183569	21.077	ug/l	100
20) Methylene Chloride	2.83	84	61606	20.076	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	54483	19.541	ug/l	97
22) Diisopropyl ether	3.82	45	180348	22.084	ug/l	94
23) Vinyl Acetate	3.78	43	740206	106.392	ug/l	99
24) 1,1-Dichloroethane	3.67	63	103948	21.108	ug/l	100
25) 2-Butanone	4.63	43	217473	109.758	ug/l	99
26) 2,2-Dichloropropane	4.54	77	70246	16.564	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	66199	20.289	ug/l	97
28) Bromochloromethane	4.98	49	46802	19.936	ug/l	98
29) Tetrahydrofuran	5.09	42	139357	109.165	ug/l	99
30) Chloroform	5.18	83	107612	21.252	ug/l	99
31) Cyclohexane	5.54	56	82720	19.385	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	88730	20.348	ug/l	99
36) 1,1-Dichloropropene	5.76	75	74639	18.991	ug/l	98
37) Ethyl Acetate	4.79	43	82995	20.915	ug/l	99
38) Carbon Tetrachloride	5.76	117	74304	19.306	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
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 ClientSampleId :
 VX1212WBS02

Quant Time: Dec 14 05:30:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82892	17.951	ug/l	99
40) Benzene	6.11	78	240912	20.066	ug/l	99
41) Methacrylonitrile	5.00	41	45707	20.978	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84667	20.640	ug/l	100
43) Isopropyl Acetate	6.41	43	130251	20.189	ug/l	99
44) Trichloroethene	7.18	130	60761	19.289	ug/l	97
45) 1,2-Dichloropropane	7.49	63	60956	20.315	ug/l	98
46) Dibromomethane	7.63	93	40875	20.172	ug/l	99
47) Bromodichloromethane	7.87	83	79425	19.753	ug/l	97
48) Methyl methacrylate	7.74	41	64599	20.359	ug/l	97
49) 1,4-Dioxane	7.71	88	32403	421.560	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	425940	108.136	ug/l	99
52) Toluene	8.76	92	148558	19.784	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	82836	18.565	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	91709	18.919	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63273	20.910	ug/l	99
56) Ethyl methacrylate	9.16	69	91207	19.922	ug/l	99
57) 1,3-Dichloropropane	9.35	76	106657	20.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243178	100.264	ug/l	99
59) 2-Hexanone	9.47	43	320959	105.122	ug/l	99
60) Dibromochloromethane	9.56	129	60692	19.741	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64300	20.011	ug/l	100
64) Tetrachloroethene	9.32	164	56215	20.735	ug/l	92
65) Chlorobenzene	10.12	112	156234	19.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	57718	19.910	ug/l	99
67) Ethyl Benzene	10.23	91	277663	19.422	ug/l	100
68) m/p-Xylenes	10.34	106	207948	38.600	ug/l	99
69) o-Xylene	10.68	106	100380	19.370	ug/l	98
70) Styrene	10.70	104	169761	19.408	ug/l	100
71) Bromoform	10.84	173	42494	18.633	ug/l #	99
73) Isopropylbenzene	11.00	105	271533	20.644	ug/l	99
74) N-amyl acetate	10.88	43	106462	20.198	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99359	21.426	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	107875	24.983	ug/l	89
77) Bromobenzene	11.24	156	68918	20.475	ug/l	99
78) n-propylbenzene	11.34	91	304683	20.281	ug/l	100
79) 2-Chlorotoluene	11.40	91	191973	20.751	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	229263	20.653	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26497	17.739	ug/l	93
82) 4-Chlorotoluene	11.49	91	219560	20.264	ug/l	97
83) tert-Butylbenzene	11.76	119	219173	20.131	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	231472	20.700	ug/l	99
85) sec-Butylbenzene	11.93	105	255907	20.588	ug/l	99
86) p-Isopropyltoluene	12.05	119	231862	20.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120618	19.524	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	122610	19.486	ug/l	98
89) n-Butylbenzene	12.37	91	196430	19.462	ug/l	99
90) Hexachloroethane	12.58	117	37655	19.146	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	122106	20.275	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20626	20.690	ug/l	95

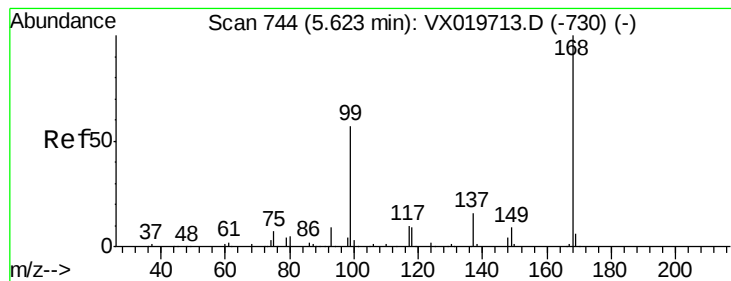
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
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Acq On : 13 Dec 2020 01:19
Operator : JC/MD
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Quant Time: Dec 14 05:30:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77663	19.810	ug/l	99
94) Hexachlorobutadiene	13.76	225	34395	19.630	ug/l	99
95) Naphthalene	13.82	128	256980	20.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77209	20.152	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

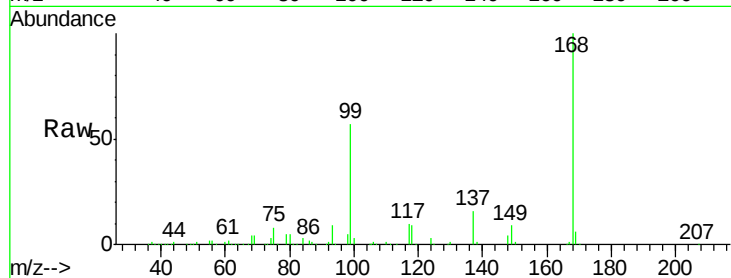
VX1212WBS02

Tgt Ion:168 Resp: 261018

Ion Ratio Lower Upper

168 100

99 56.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

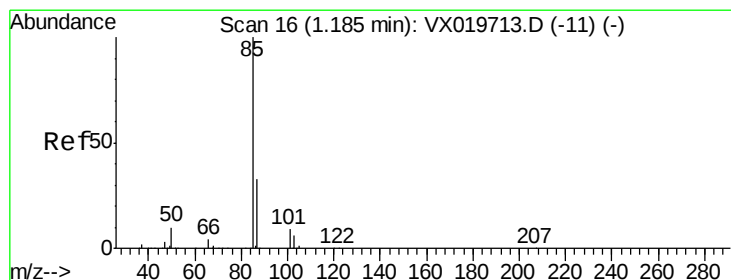
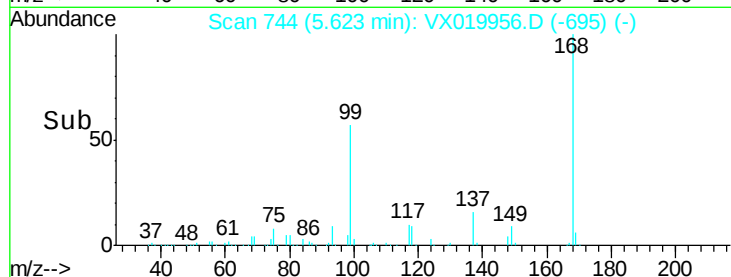
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.532 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019956.D

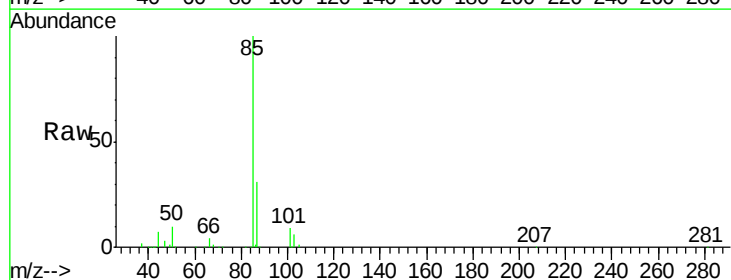
Acq: 13 Dec 2020 01:19

Tgt Ion: 85 Resp: 44286

Ion Ratio Lower Upper

85 100

87 30.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

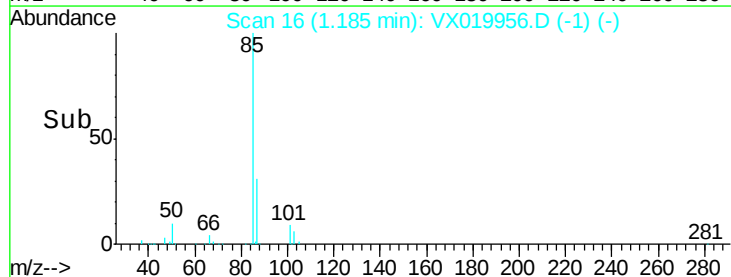
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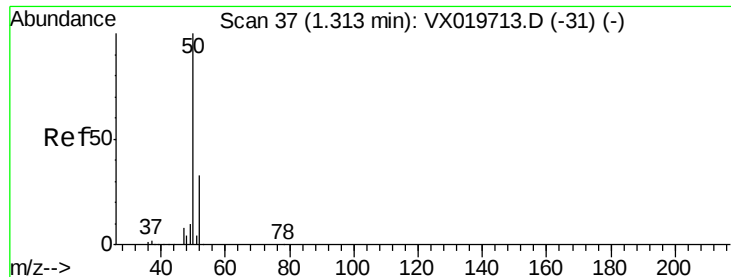
20000

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Time-->





#3

Chloromethane

Concen: 18.014 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

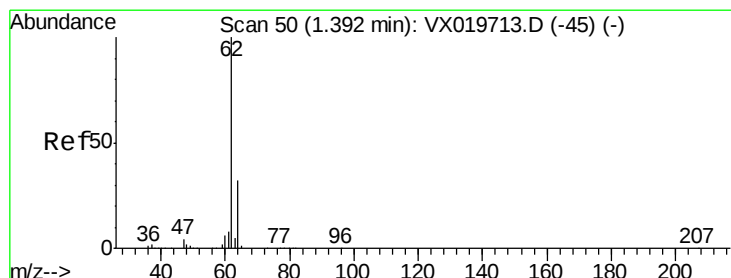
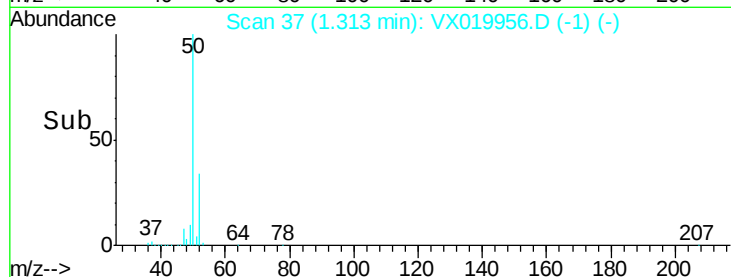
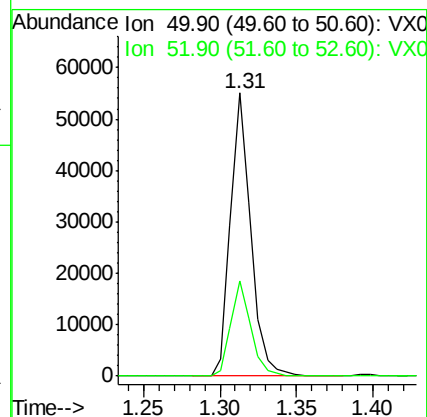
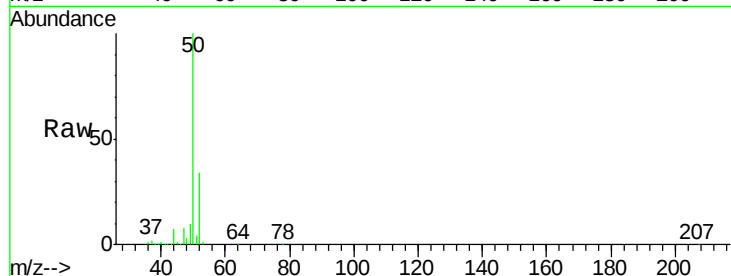
VX1212WBS02

Tgt Ion: 50 Resp: 50627

Ion Ratio Lower Upper

50 100

52 33.5 26.4 39.6



#4

Vinyl Chloride

Concen: 19.386 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019956.D

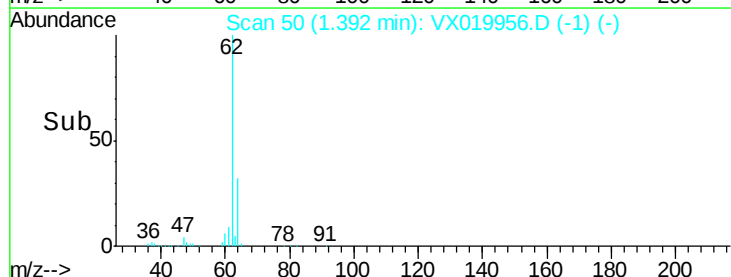
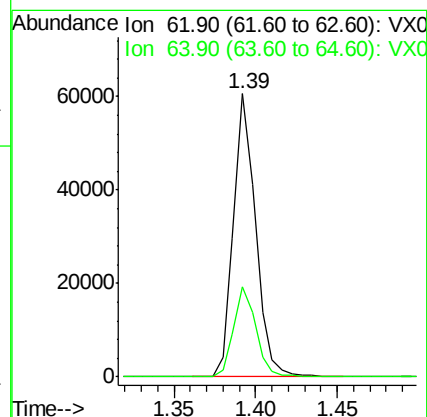
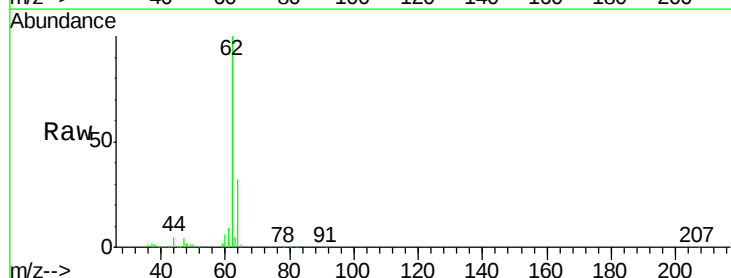
Acq: 13 Dec 2020 01:19

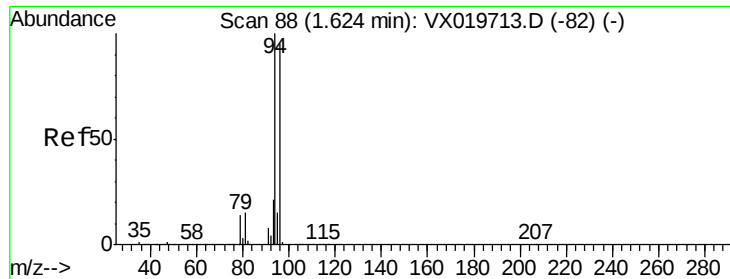
Tgt Ion: 62 Resp: 57448

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 30.960 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

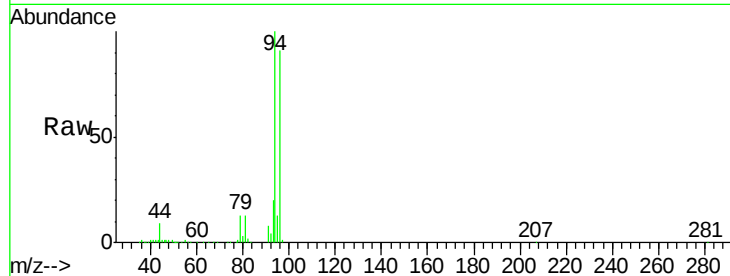
VX1212WBS02

Tgt Ion: 94 Resp: 30464

Ion Ratio Lower Upper

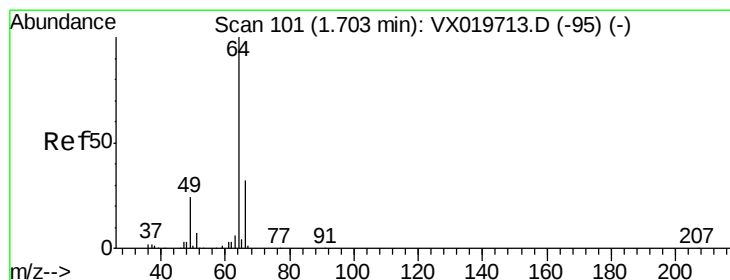
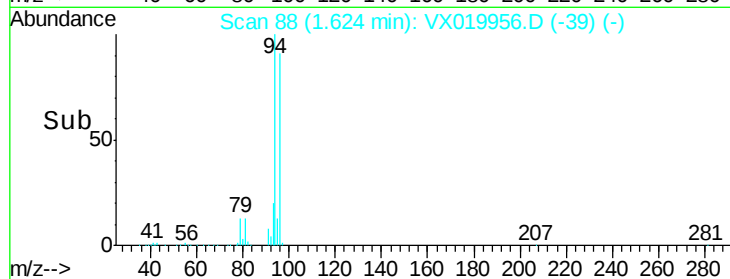
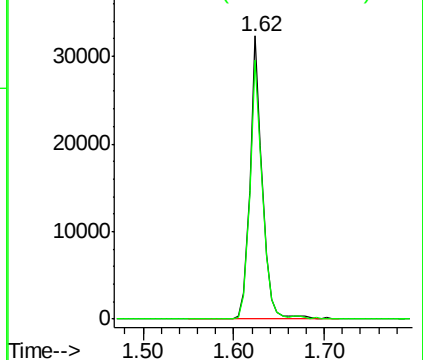
94 100

96 91.3 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.866 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019956.D

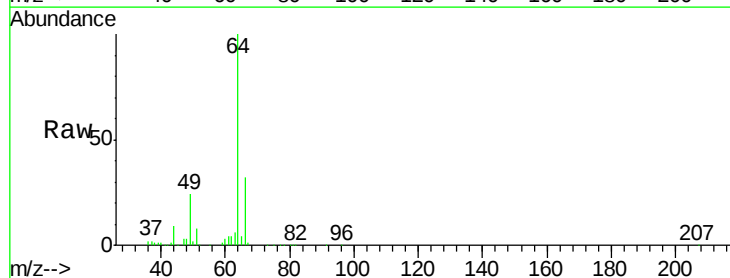
Acq: 13 Dec 2020 01:19

Tgt Ion: 64 Resp: 38925

Ion Ratio Lower Upper

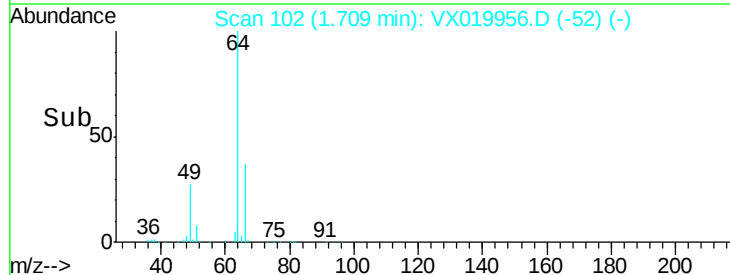
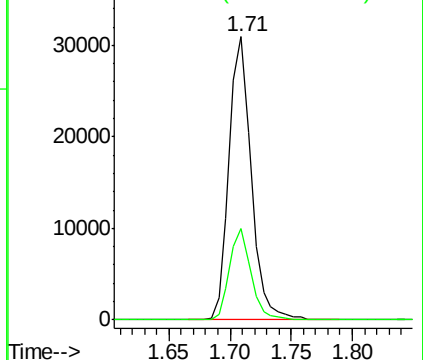
64 100

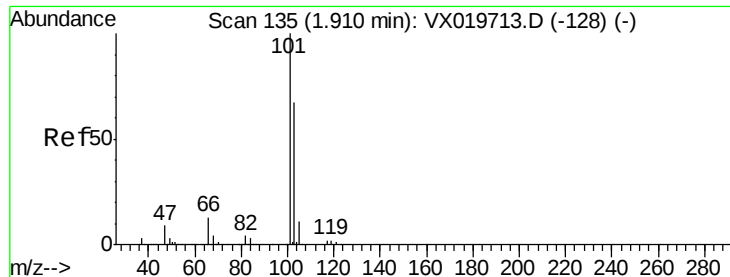
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



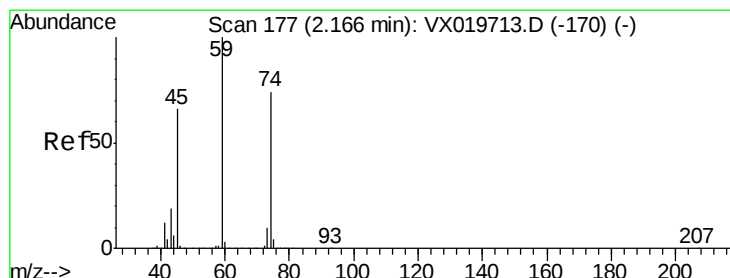
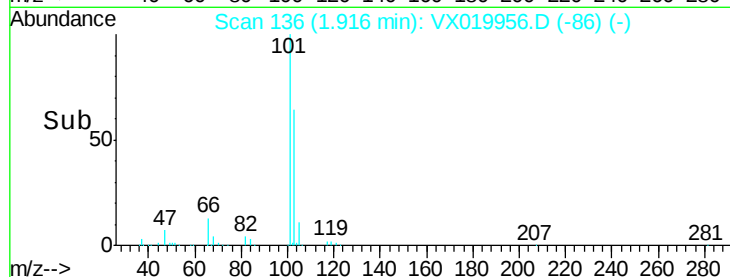
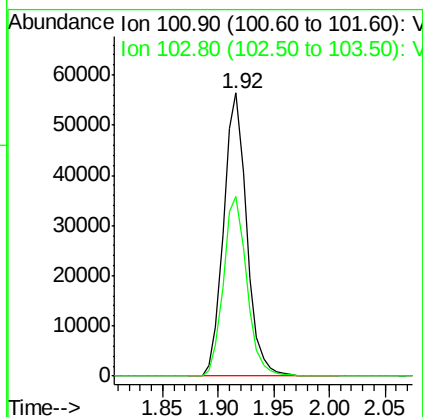
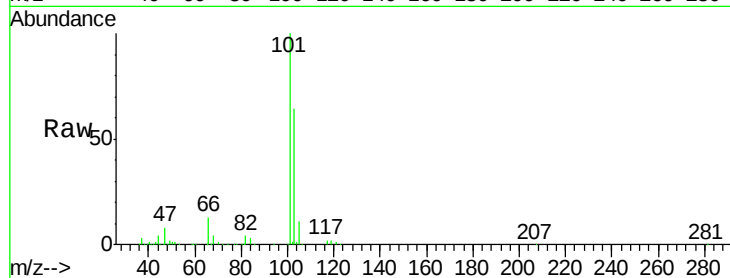


#7

Trichlorofluoromethane
 Concen: 19.615 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

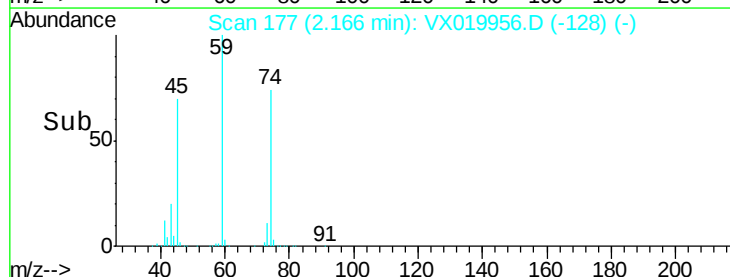
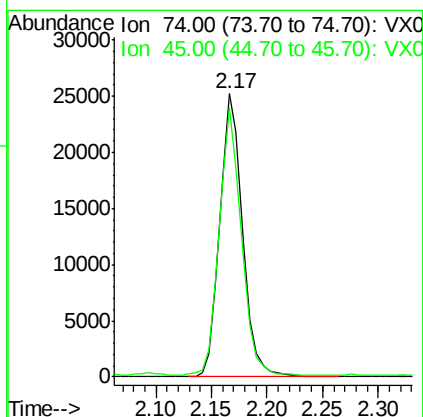
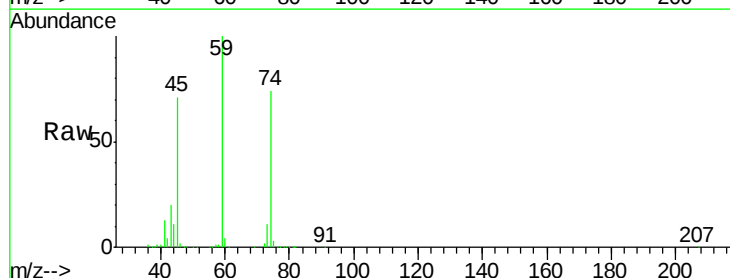
Tgt Ion: 101 Resp: 80951
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.2 79.8

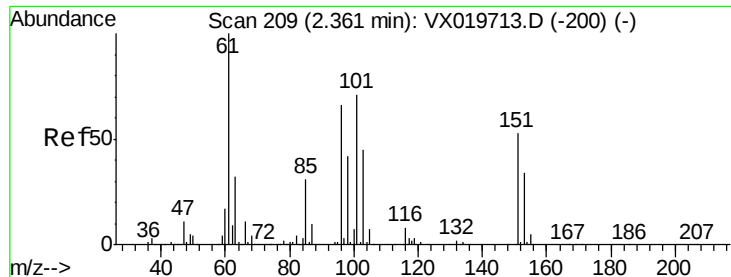


#8

Diethyl Ether
 Concen: 20.369 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 74 Resp: 35623
 Ion Ratio Lower Upper
 74 100
 45 92.1 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.577 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

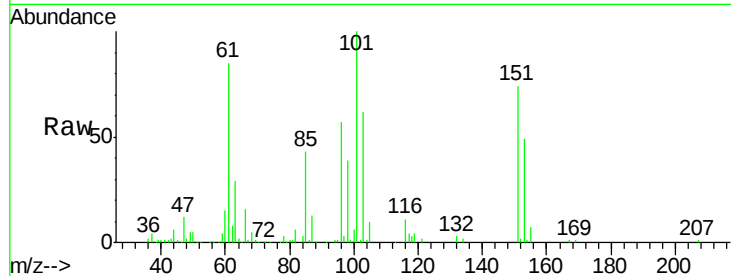
Tgt Ion:101 Resp: 46310

Ion Ratio Lower Upper

101 100

85 43.7 34.9 52.3

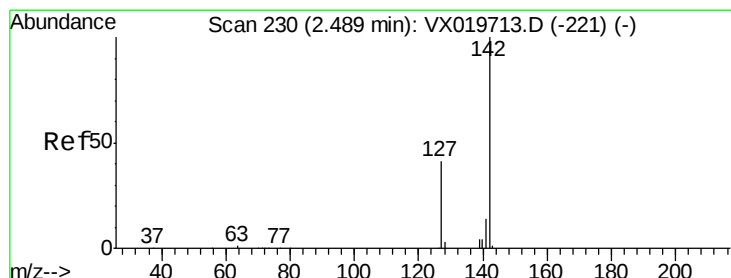
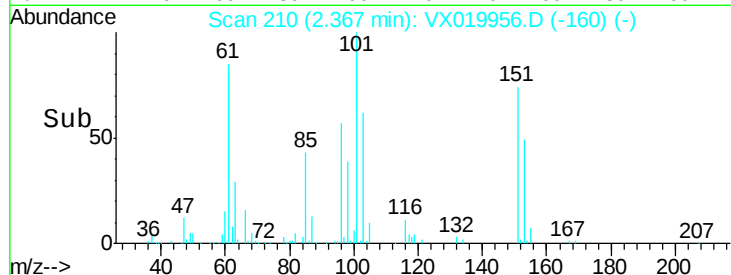
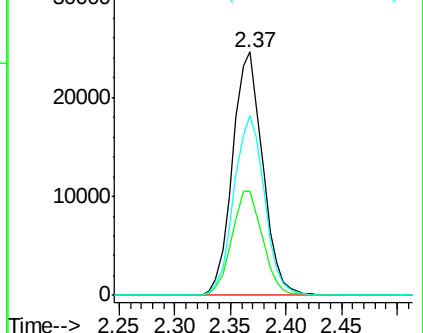
151 74.8 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.367 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

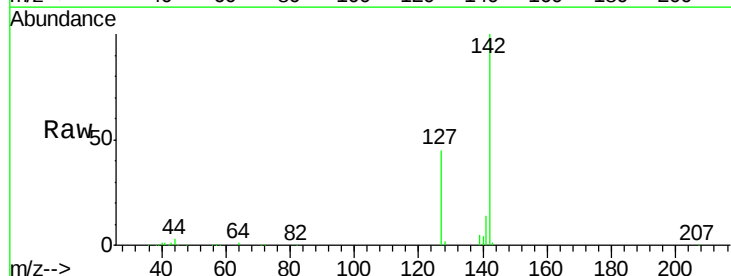
Tgt Ion:142 Resp: 57068

Ion Ratio Lower Upper

142 100

127 43.2 33.3 49.9

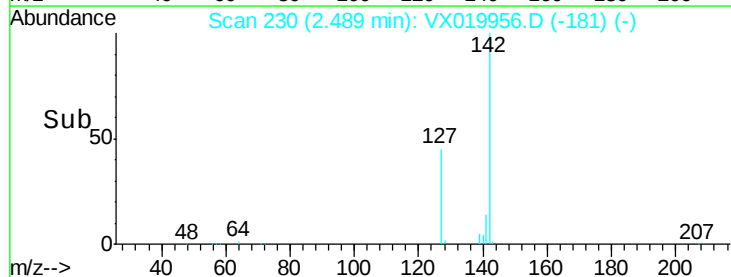
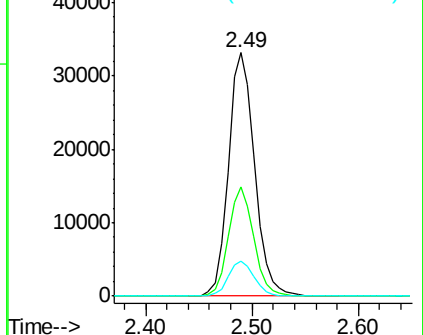
141 14.3 11.4 17.0

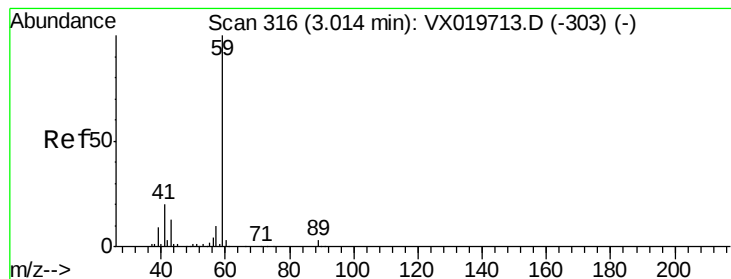


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



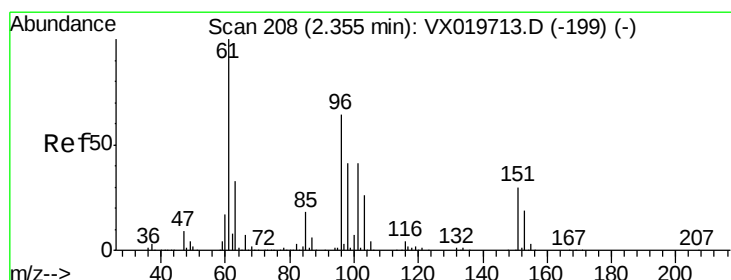
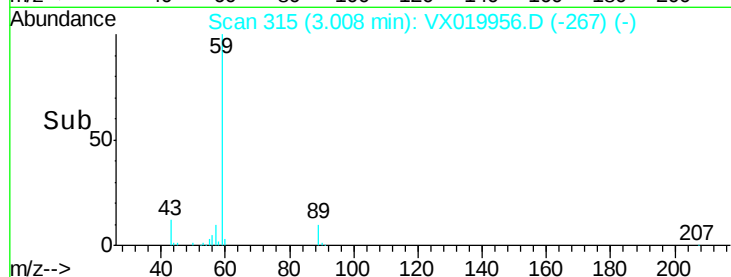
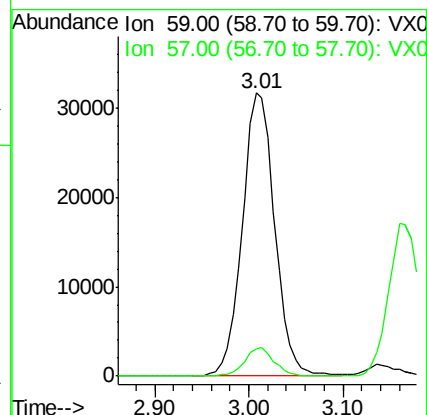
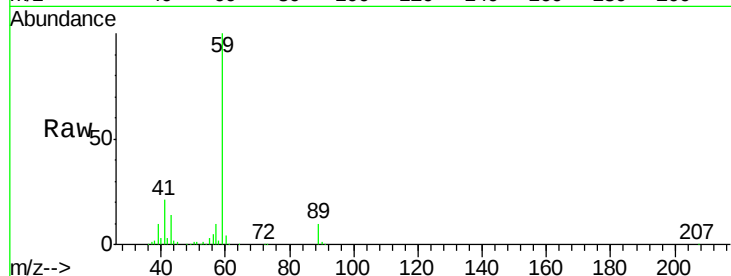


#11

Tert butyl alcohol
 Concen: 106.080 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

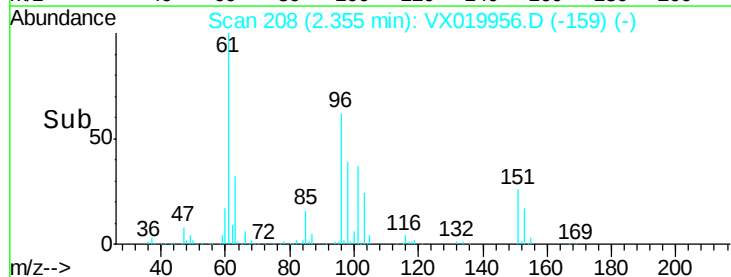
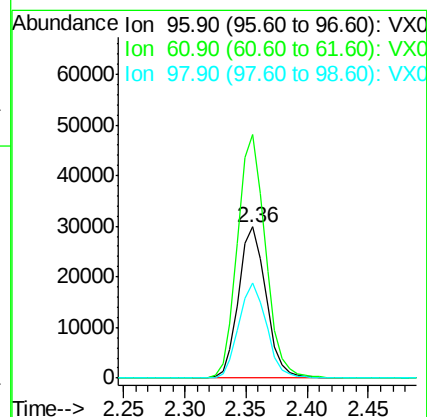
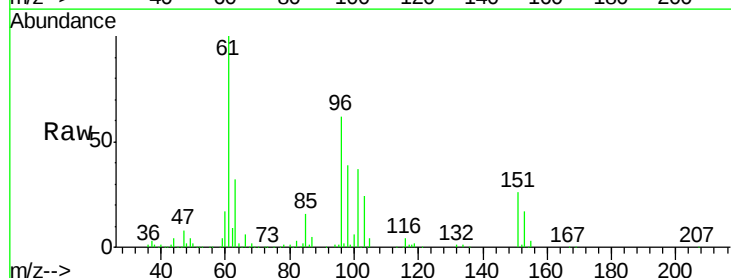
Tgt Ion: 59 Resp: 75876
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.8 11.8

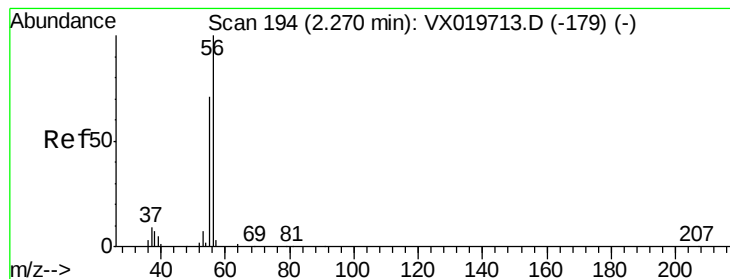


#12

1,1-Dichloroethene
 Concen: 19.449 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 96 Resp: 46512
 Ion Ratio Lower Upper
 96 100
 61 161.2 124.6 187.0
 98 62.9 50.6 76.0





#13

Acrolein

Concen: 67.503 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

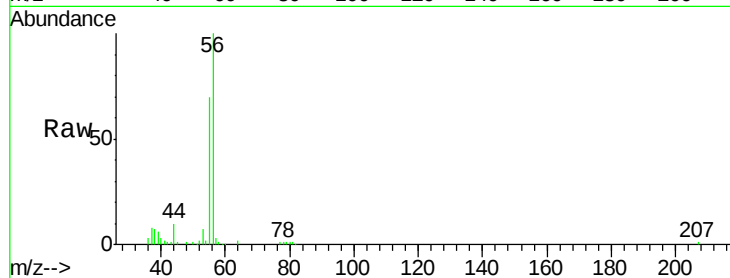
VX1212WBS02

Tgt Ion: 56 Resp: 25561

Ion Ratio Lower Upper

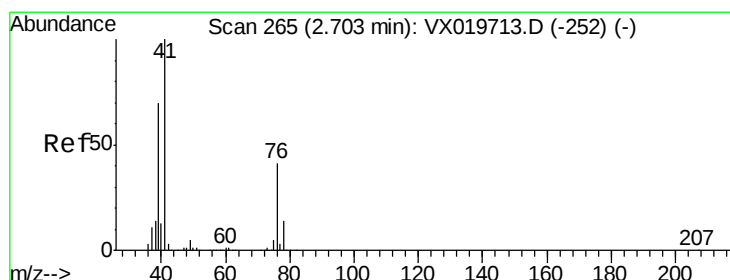
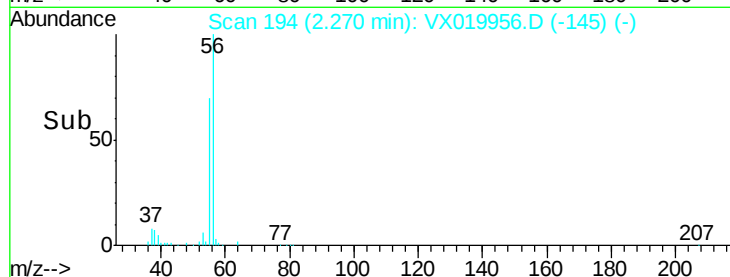
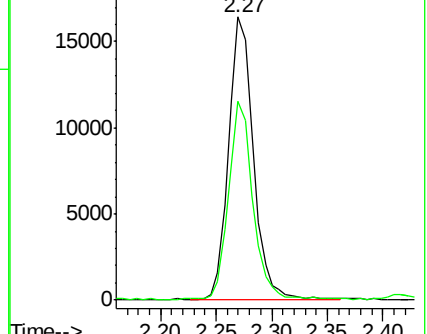
56 100

55 69.8 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.544 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

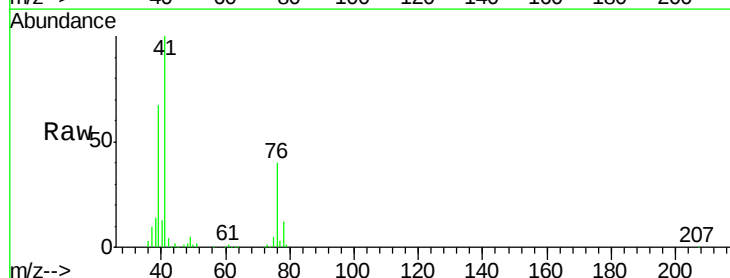
Tgt Ion: 41 Resp: 78938

Ion Ratio Lower Upper

41 100

39 61.9 51.6 77.4

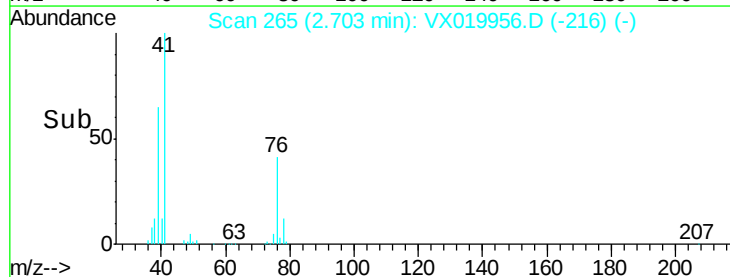
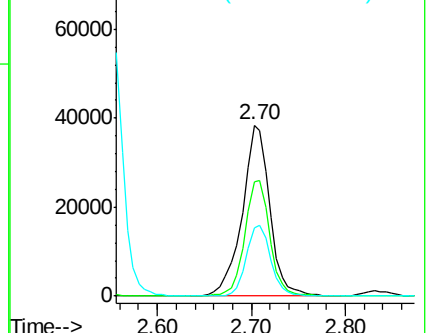
76 36.7 30.5 45.7

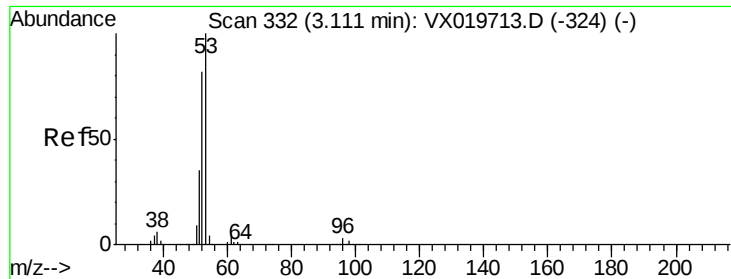


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 110.133 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

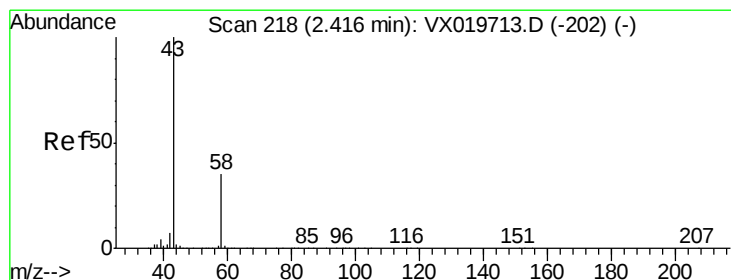
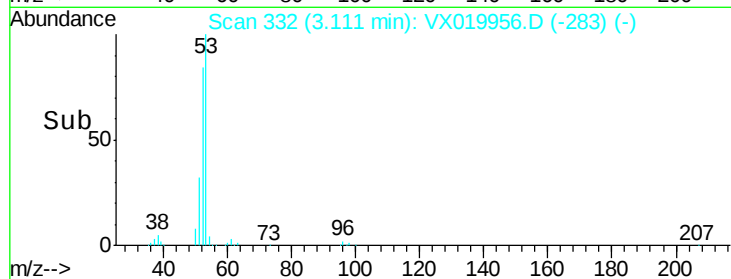
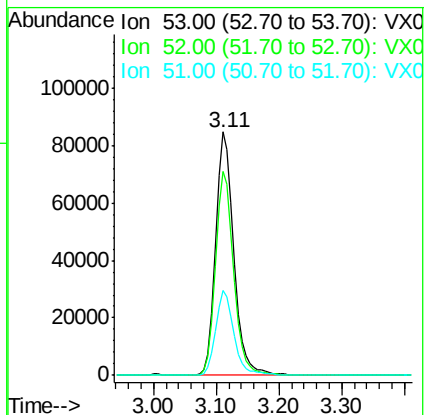
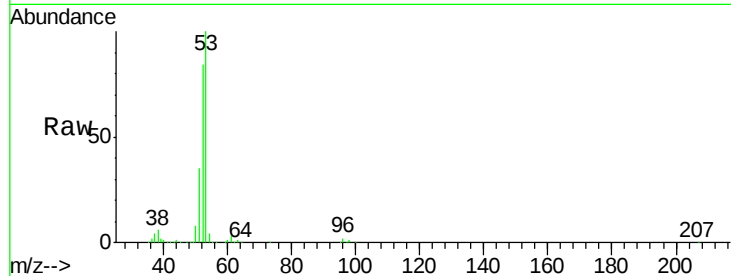
Tgt Ion: 53 Resp: 170801

Ion Ratio Lower Upper

53 100

52 83.3 65.3 97.9

51 34.9 28.2 42.2



#16

Acetone

Concen: 106.114 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019956.D

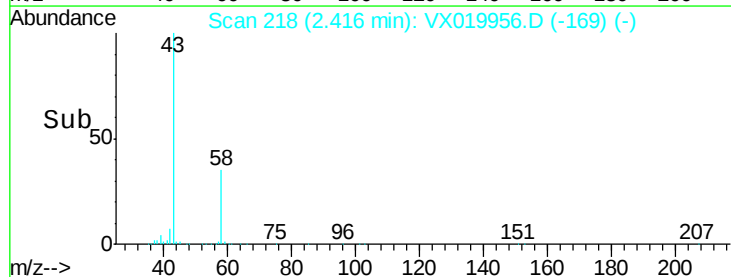
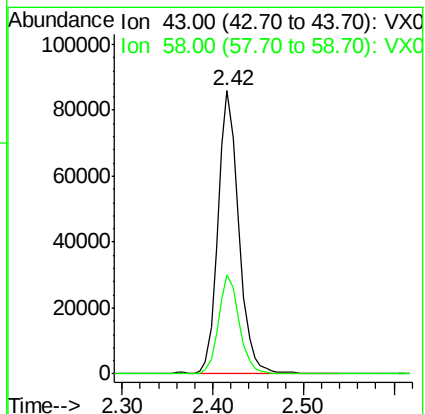
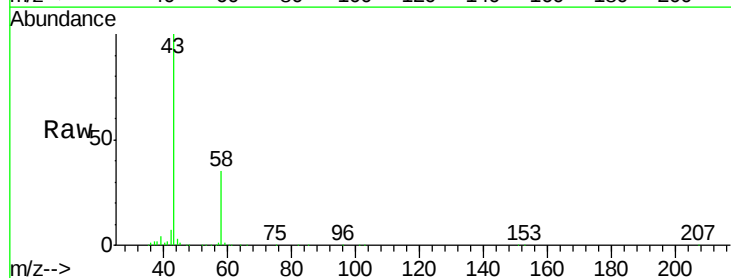
Acq: 13 Dec 2020 01:19

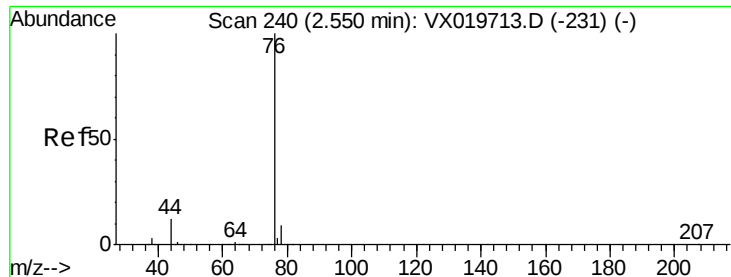
Tgt Ion: 43 Resp: 136829

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.8





#17

Carbon Disulfide

Concen: 16.282 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

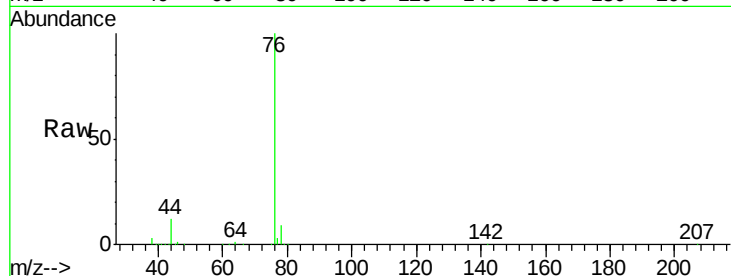
VX1212WBS02

Tgt Ion: 76 Resp: 111728

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

80000

60000

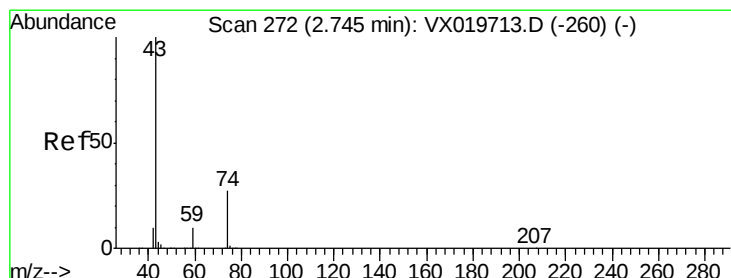
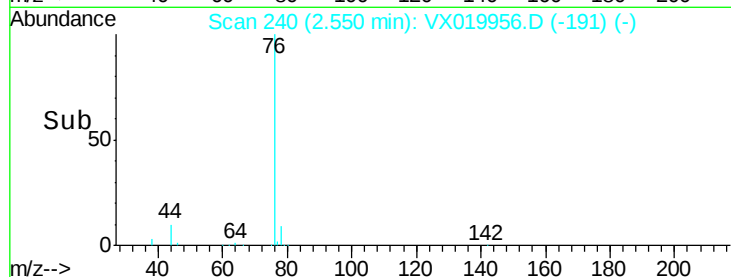
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 23.559 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019956.D

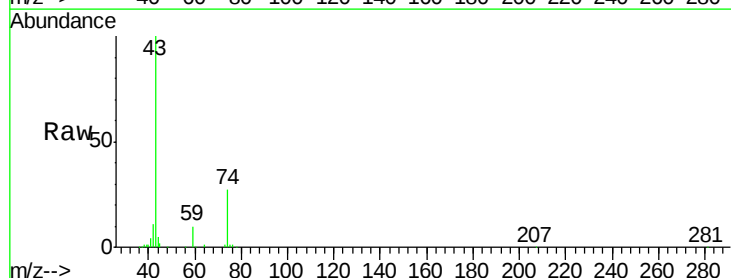
Acq: 13 Dec 2020 01:19

Tgt Ion: 43 Resp: 74339

Ion Ratio Lower Upper

43 100

74 27.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

40000

30000

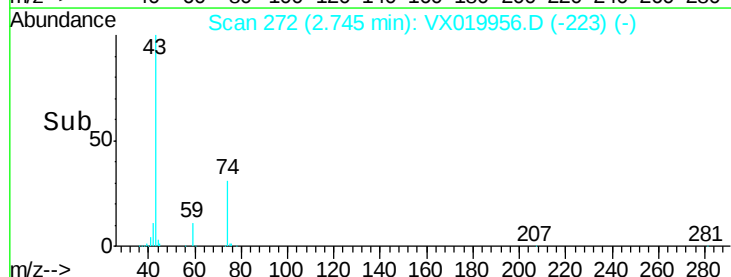
20000

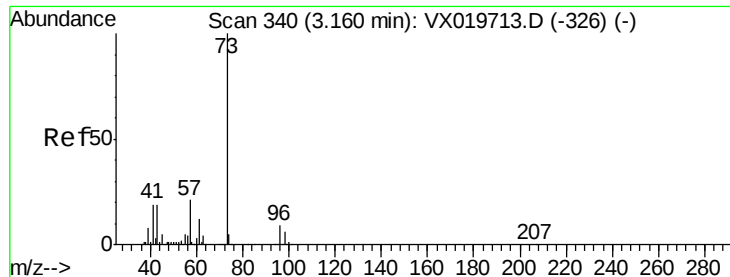
10000

0

Time-->

2.65 2.70 2.75 2.80 2.85

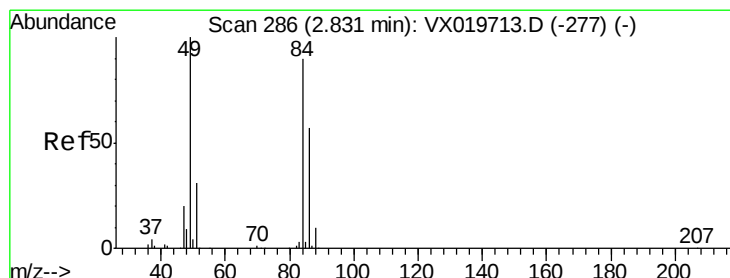
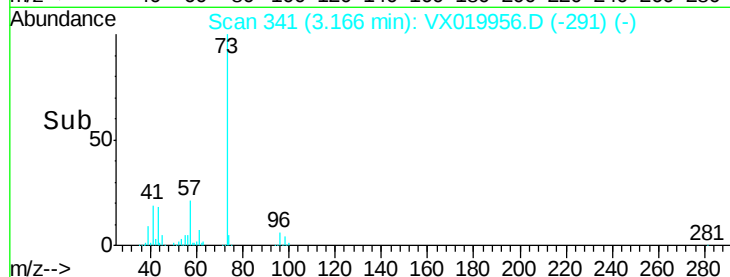
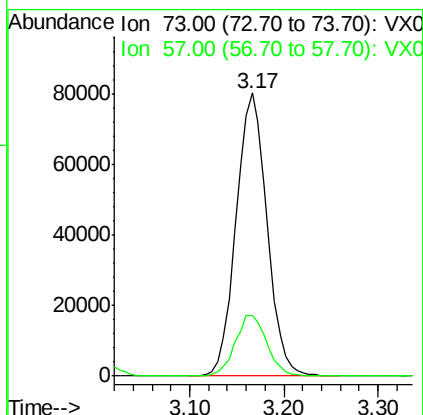
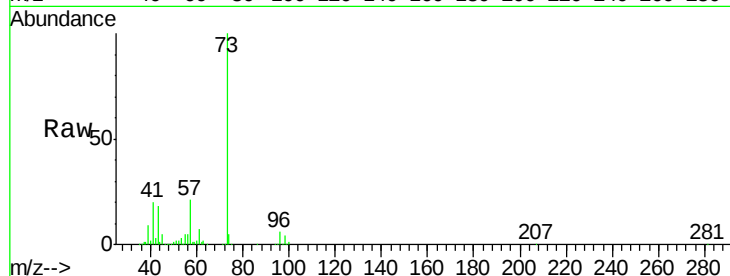




#19
Methyl tert-butyl Ether
Concen: 21.077 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

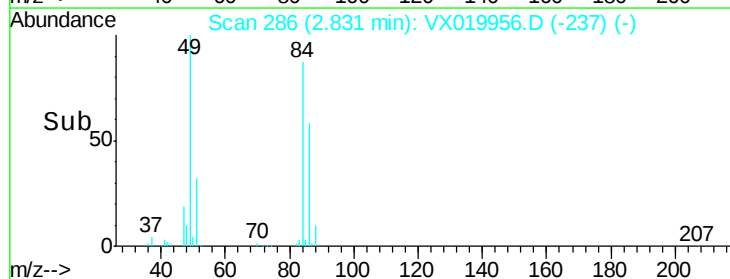
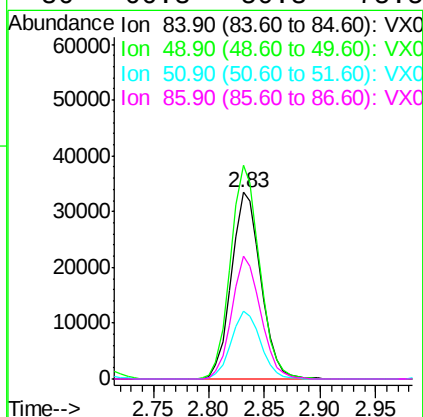
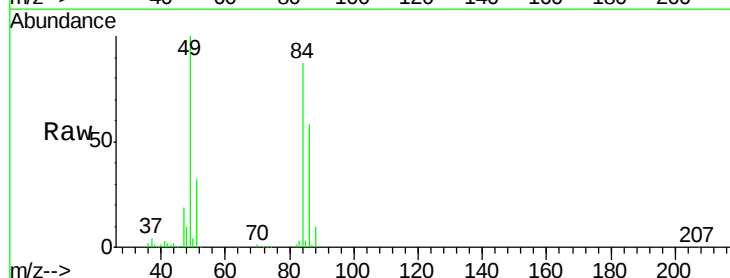
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

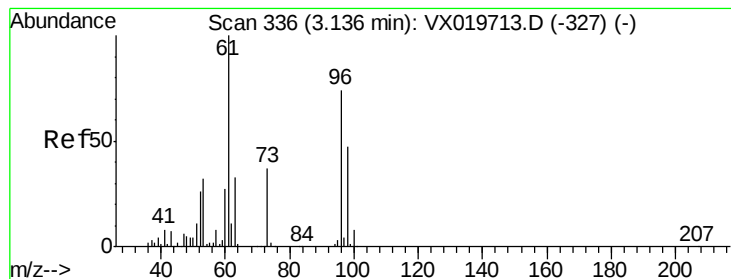
Tgt Ion: 73 Resp: 183569
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 20.076 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 84 Resp: 61606
Ion Ratio Lower Upper
84 100
49 114.6 88.6 132.8
51 36.3 27.0 40.6
86 66.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.541 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

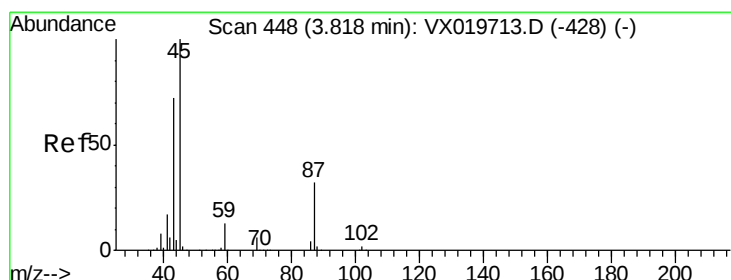
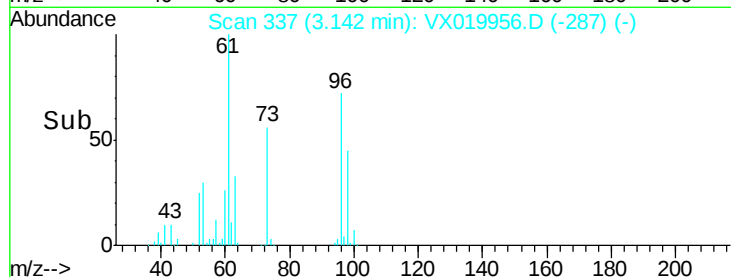
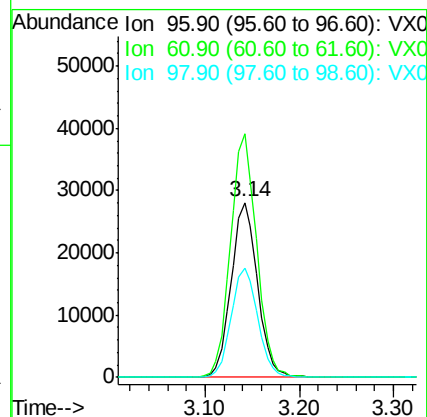
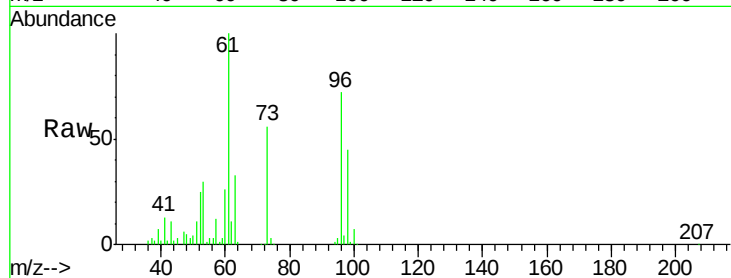
Tgt Ion: 96 Resp: 54483

Ion Ratio Lower Upper

96 100

61 139.0 107.7 161.5

98 62.6 50.4 75.6



#22

Diisopropyl ether

Concen: 22.084 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Tgt Ion: 45 Resp: 180348

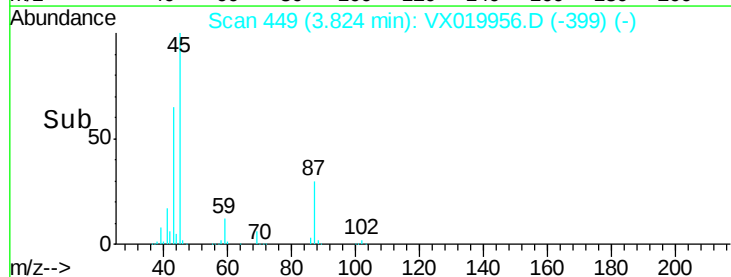
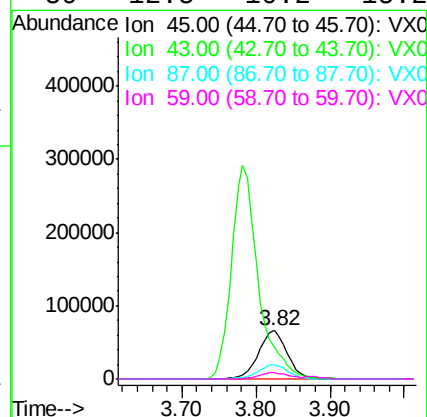
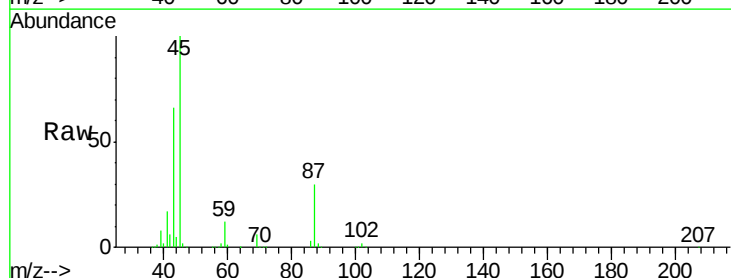
Ion Ratio Lower Upper

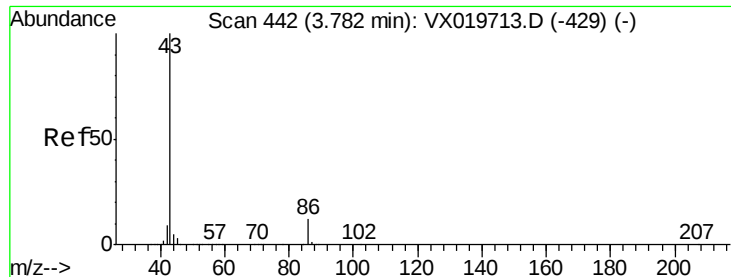
45 100

43 65.5 58.0 87.0

87 30.3 25.4 38.0

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 106.392 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

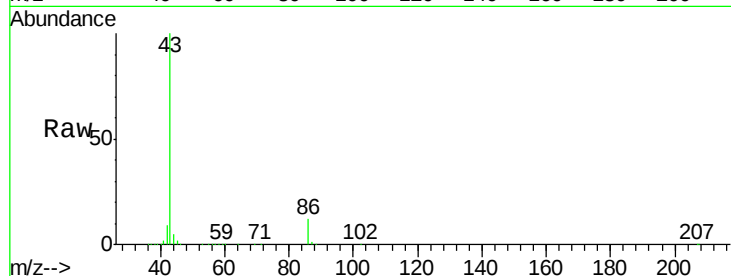
VX1212WBS02

Tgt Ion: 43 Resp: 740206

Ion Ratio Lower Upper

43 100

86 11.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

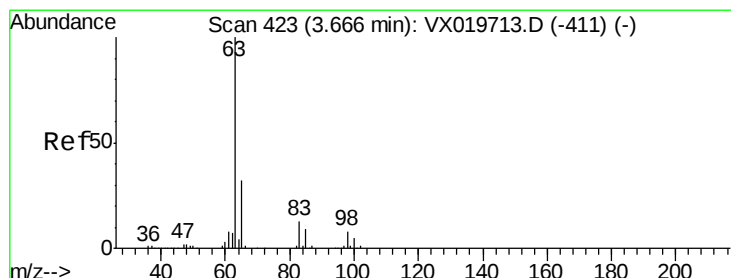
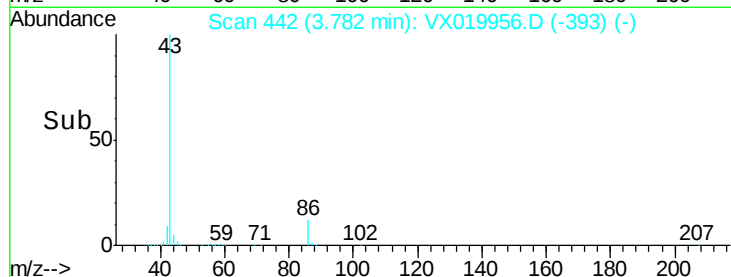
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 21.108 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

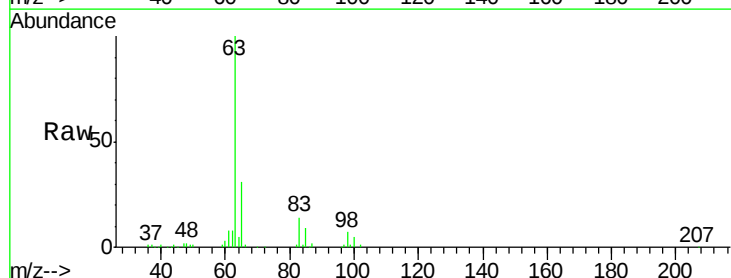
Tgt Ion: 63 Resp: 103948

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

60000

50000

40000

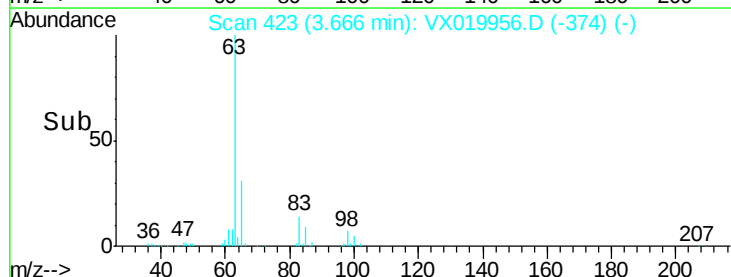
30000

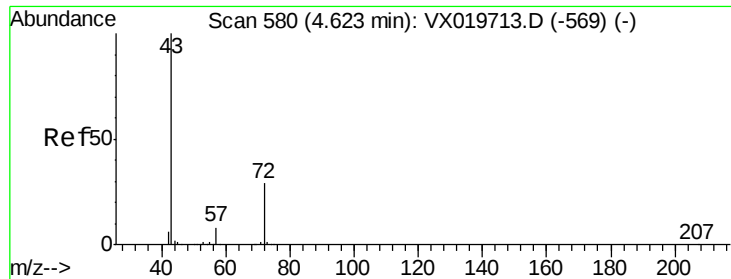
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 109.758 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

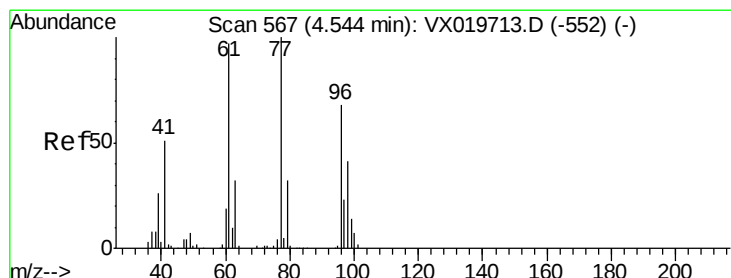
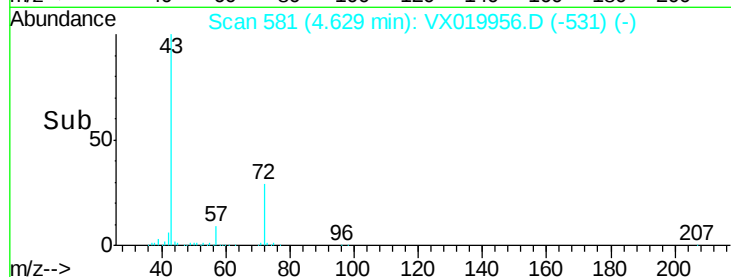
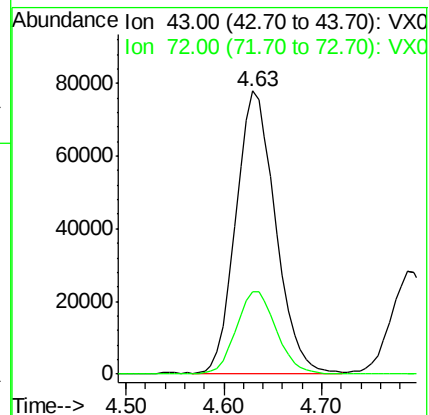
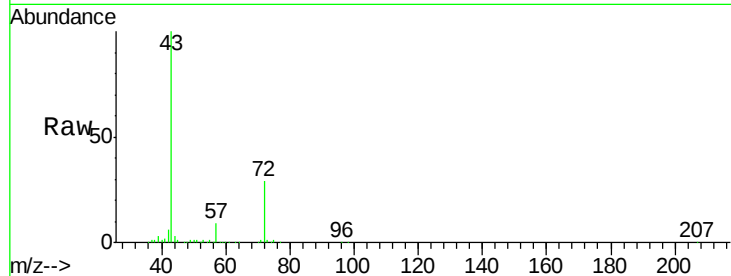
VX1212WBS02

Tgt Ion: 43 Resp: 217473

Ion Ratio Lower Upper

43 100

72 28.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 16.564 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019956.D

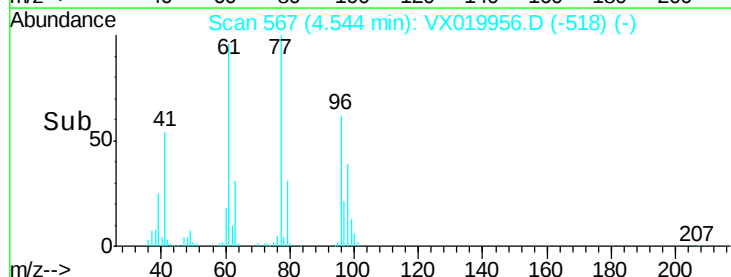
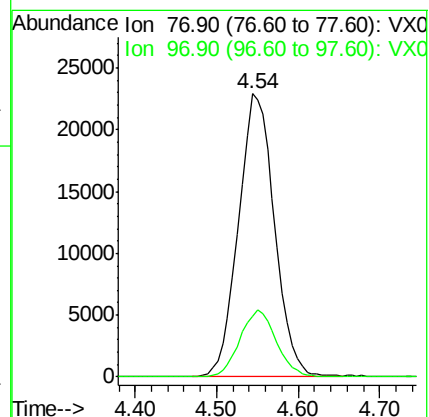
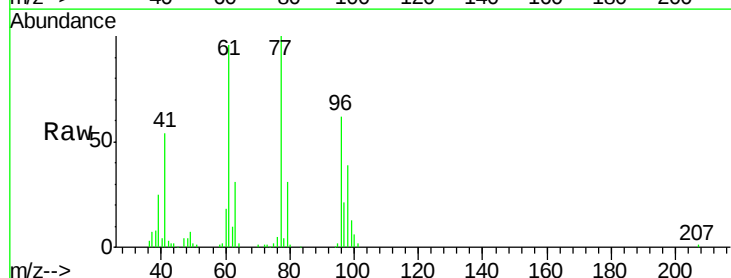
Acq: 13 Dec 2020 01:19

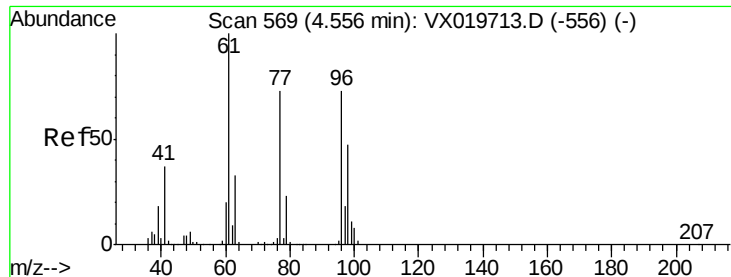
Tgt Ion: 77 Resp: 70246

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



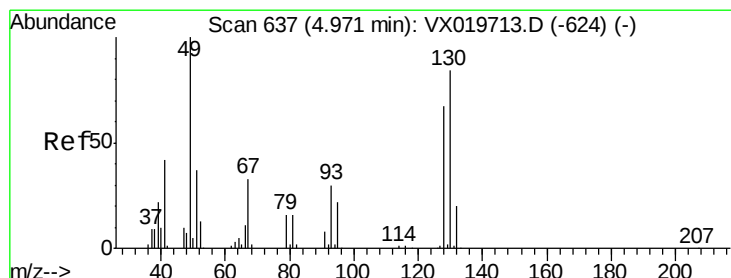
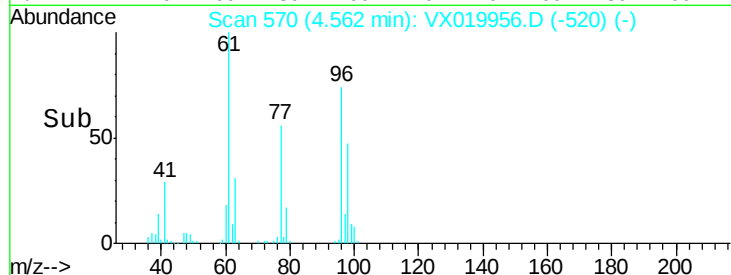
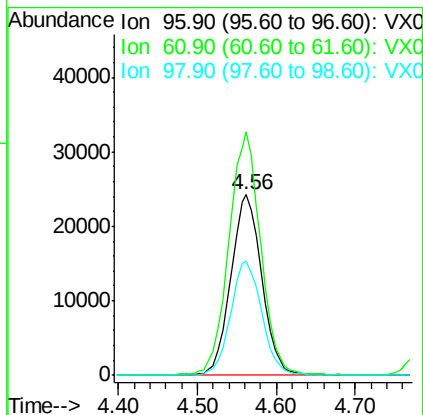
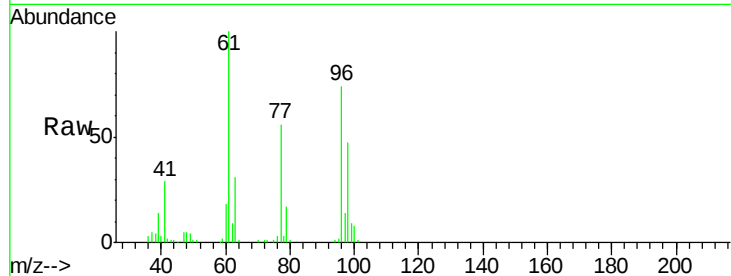


#27

cis-1,2-Dichloroethene
Concen: 20.289 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

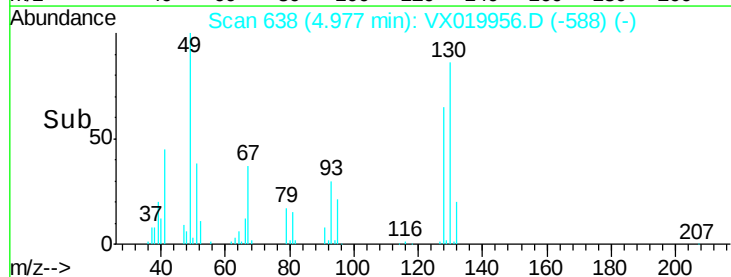
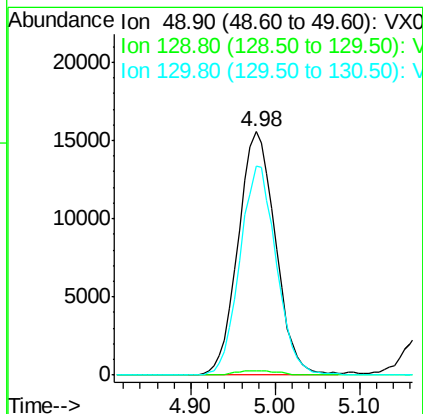
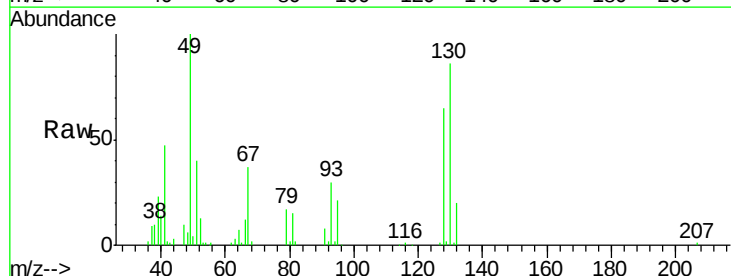
Tgt Ion: 96 Resp: 66199
Ion Ratio Lower Upper
96 100
61 138.8 0.0 285.6
98 63.6 0.0 129.6

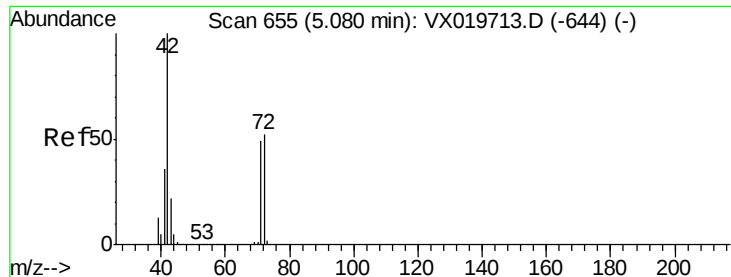


#28

Bromochloromethane
Concen: 19.936 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 49 Resp: 46802
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 83.7 68.2 102.2

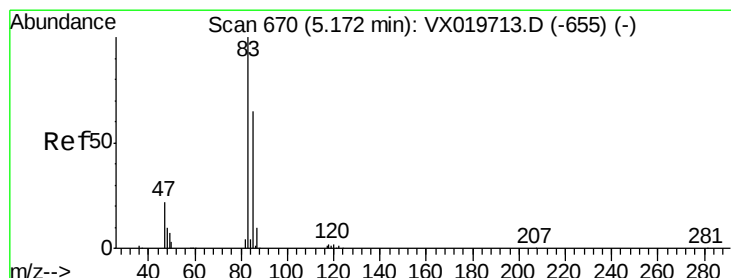
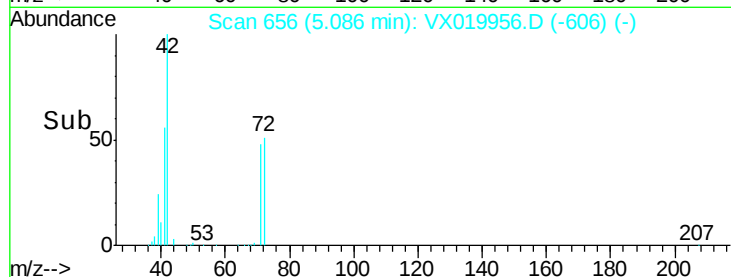
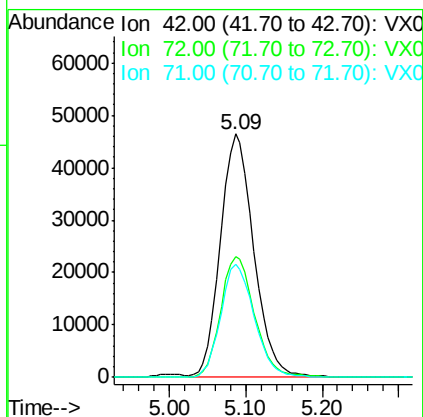
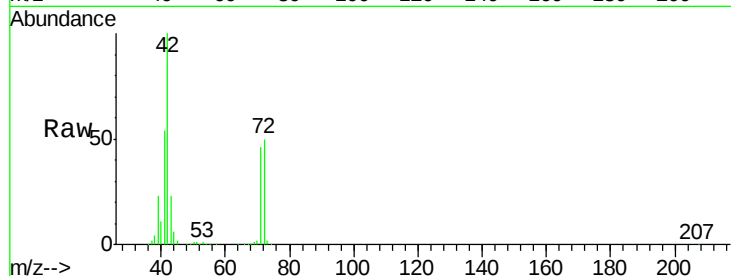




#29
Tetrahydrofuran
Concen: 109.165 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

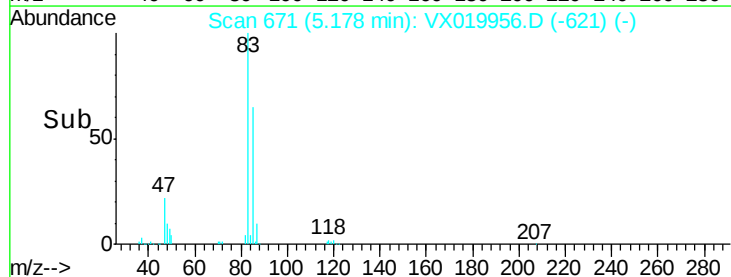
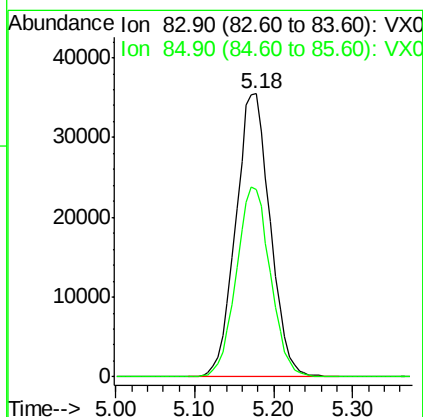
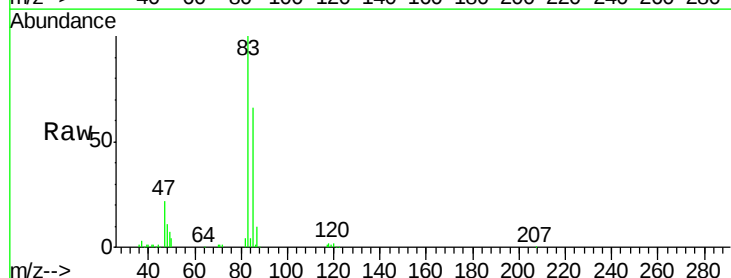
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

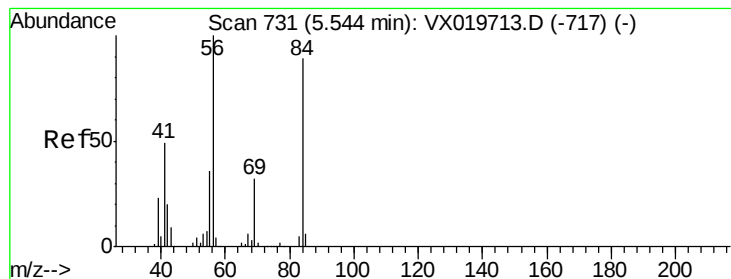
Tgt Ion: 42 Resp: 139357
Ion Ratio Lower Upper
42 100
72 51.0 41.7 62.5
71 47.2 38.4 57.6



#30
Chloroform
Concen: 21.252 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 83 Resp: 107612
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0





#31

Cyclohexane

Concen: 19.385 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampled :

VX1212WBS02

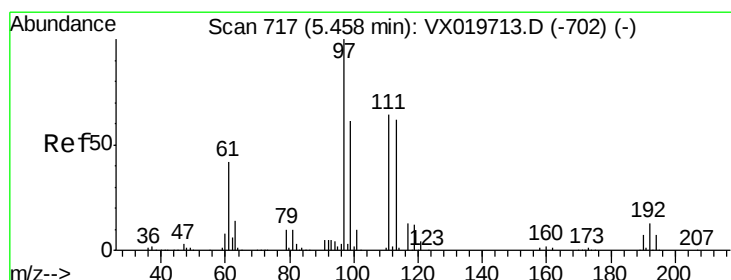
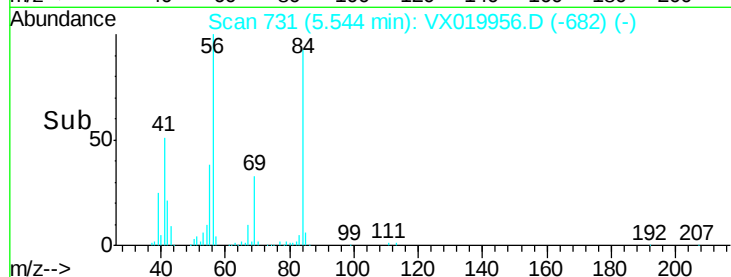
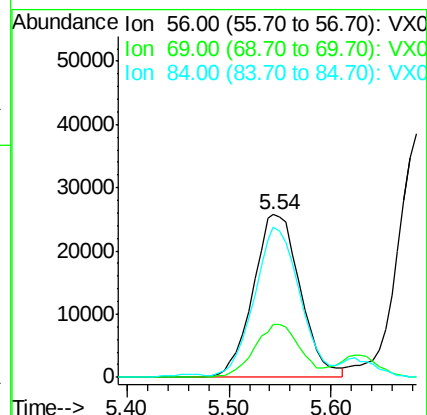
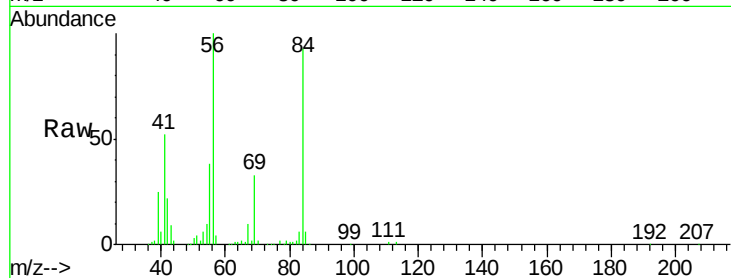
Tgt Ion: 56 Resp: 82720

Ion Ratio Lower Upper

56 100

69 32.9 25.3 37.9

84 90.9 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 20.348 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

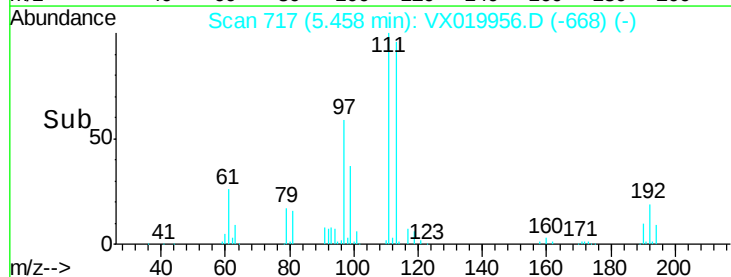
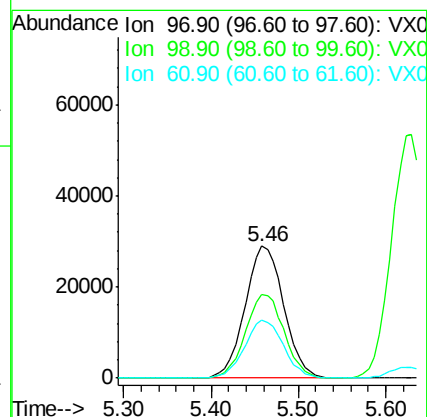
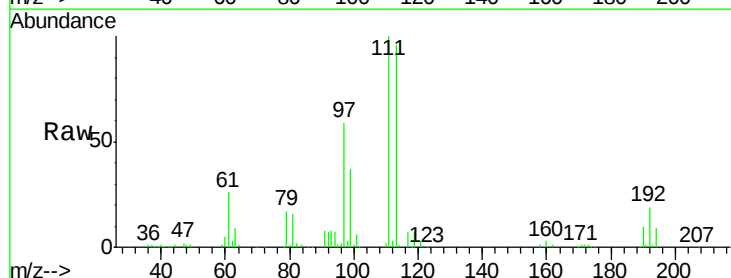
Tgt Ion: 97 Resp: 88730

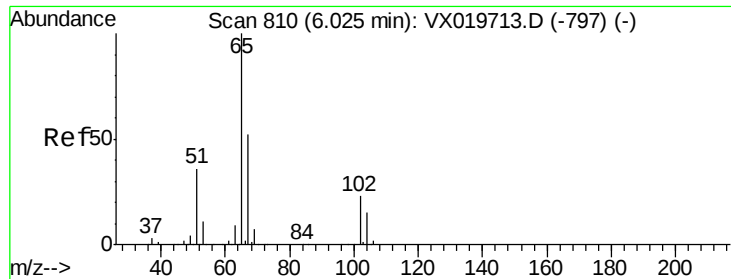
Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 44.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 49.878 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

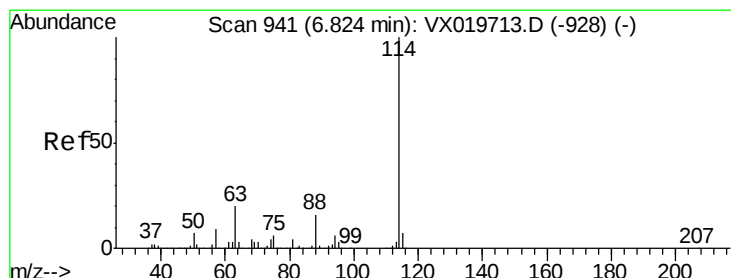
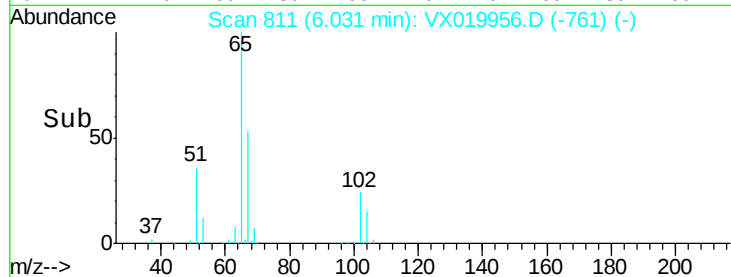
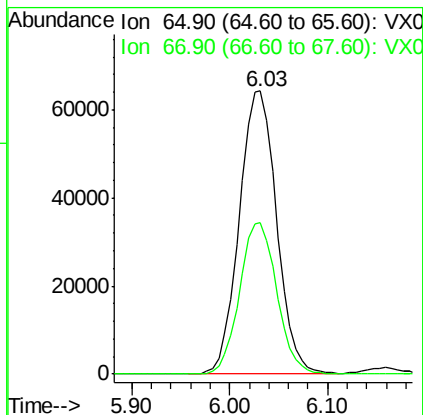
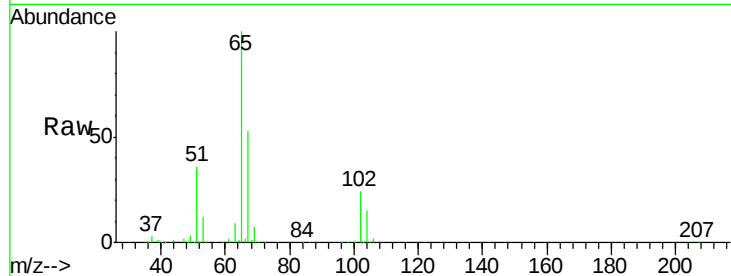
VX1212WBS02

Tgt Ion: 65 Resp: 171110

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

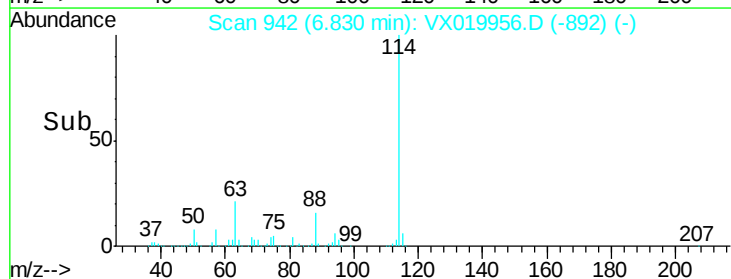
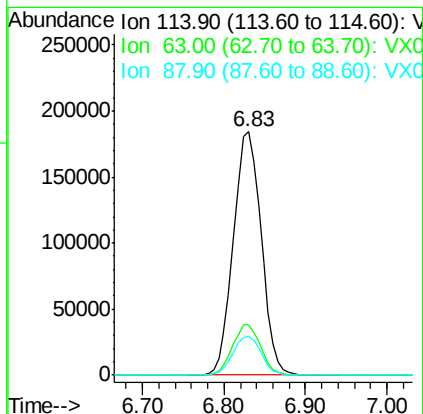
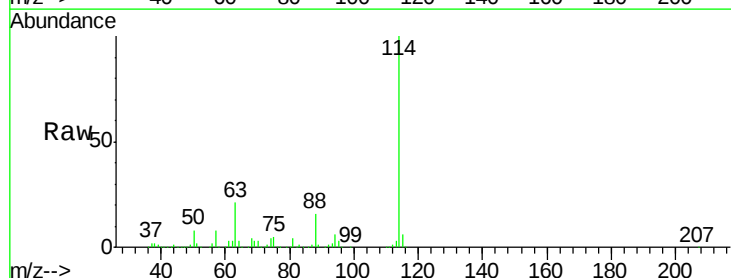
Tgt Ion: 114 Resp: 434944

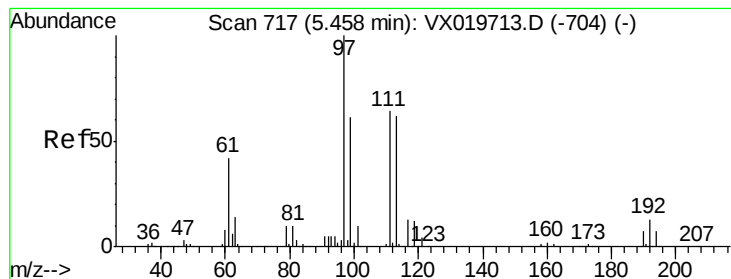
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.276 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

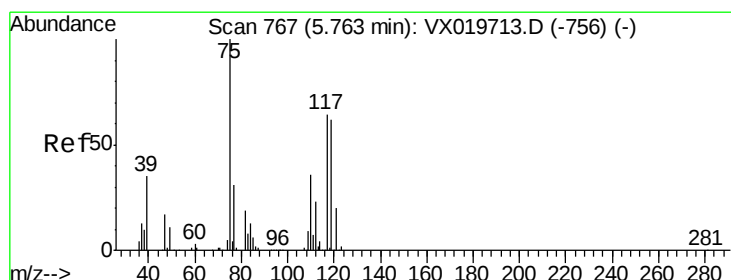
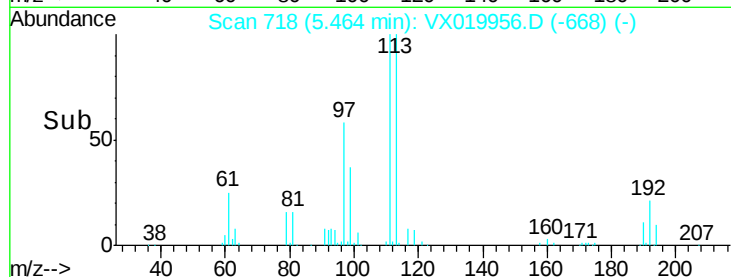
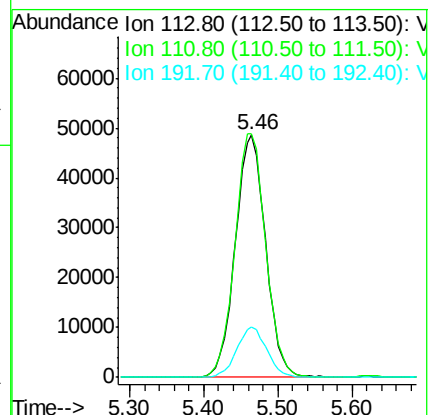
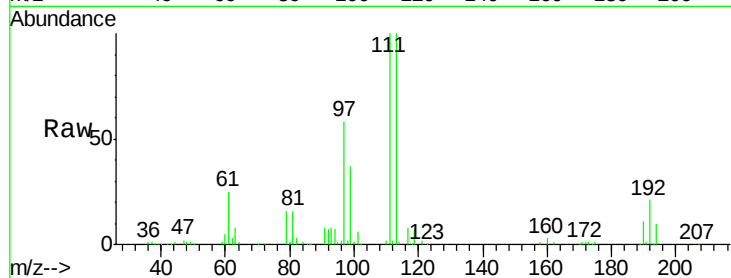
Tgt Ion:113 Resp: 138513

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 20.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 18.991 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

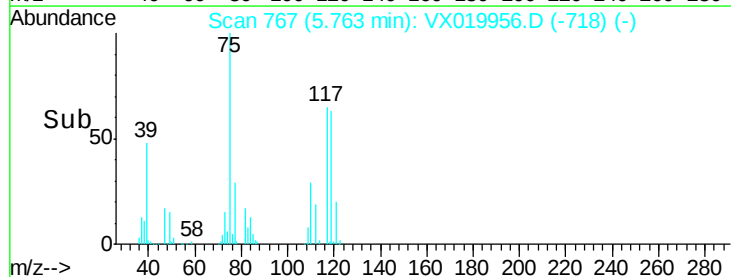
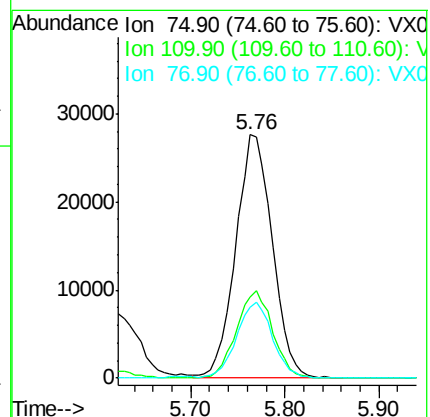
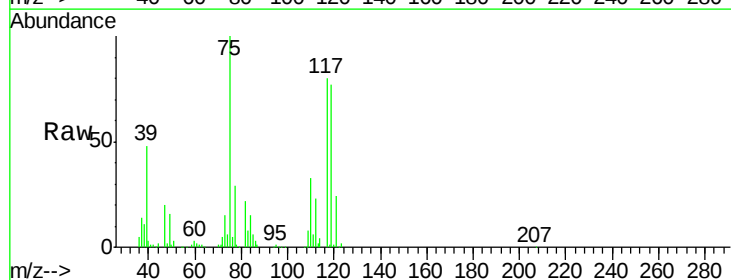
Tgt Ion: 75 Resp: 74639

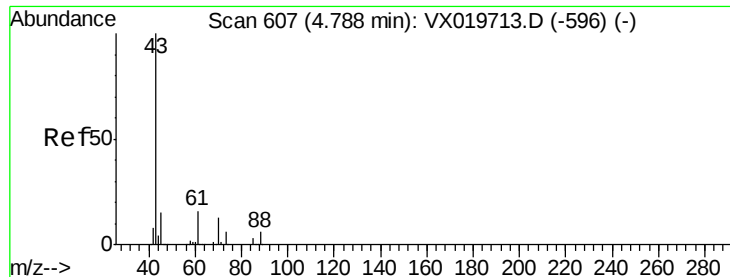
Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.4

77 30.7 25.3 37.9

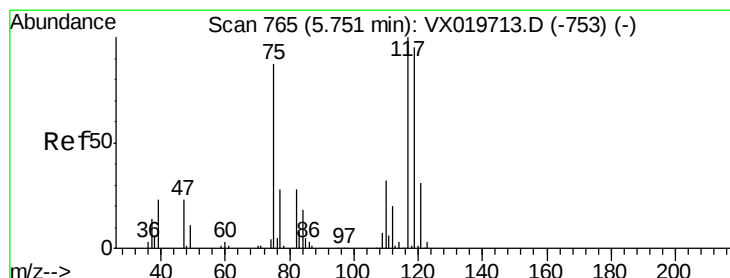
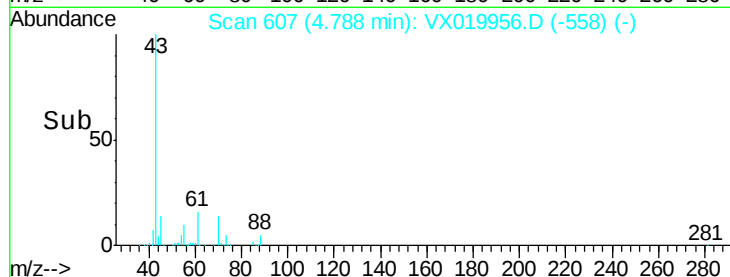
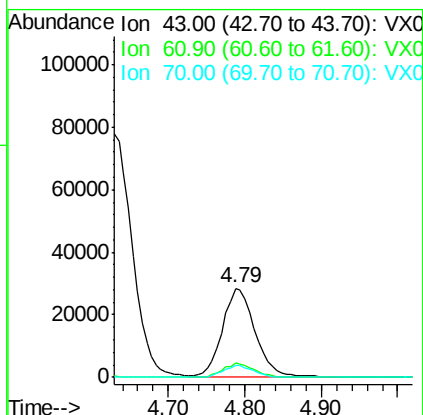
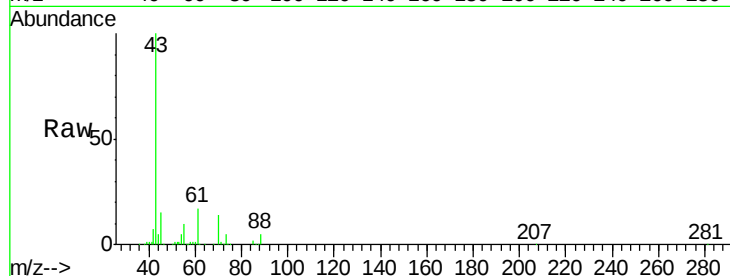




#37
Ethyl Acetate
Concen: 20.915 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

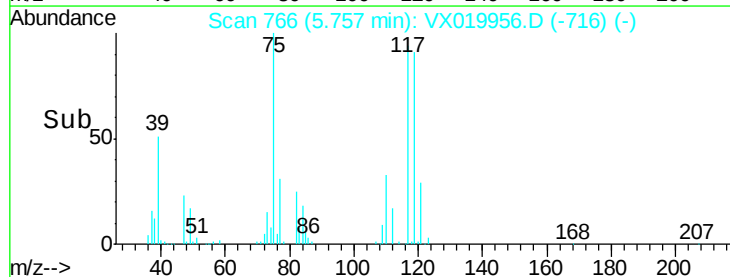
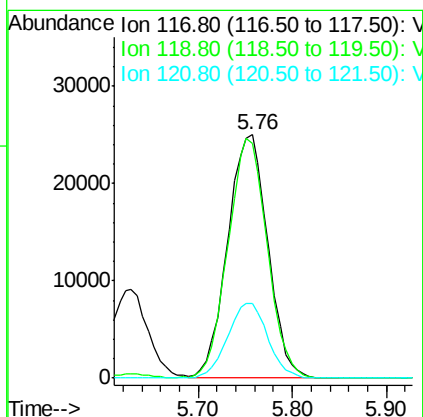
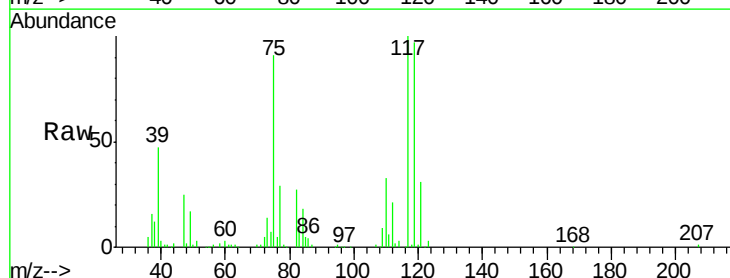
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

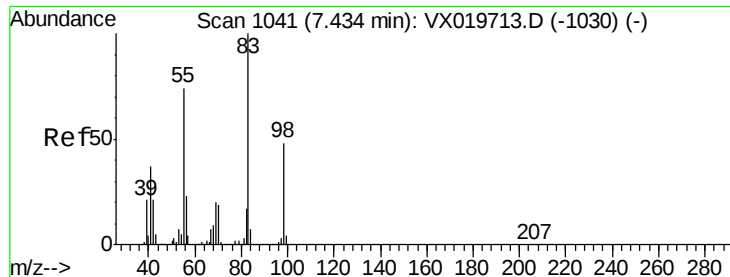
Tgt Ion: 43 Resp: 82995
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 19.306 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 117 Resp: 74304
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2
121 30.7 24.8 37.2

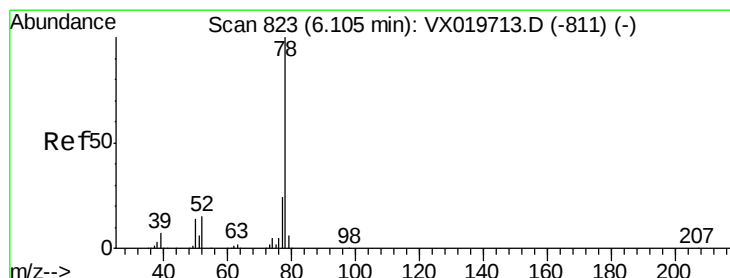
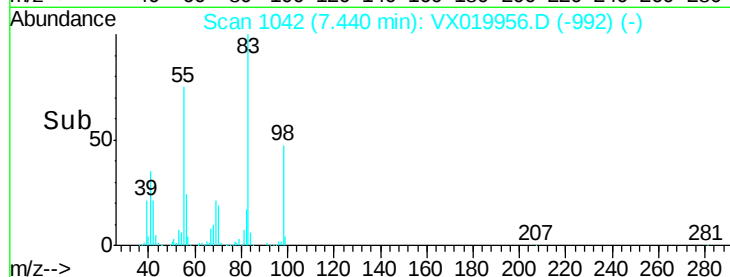
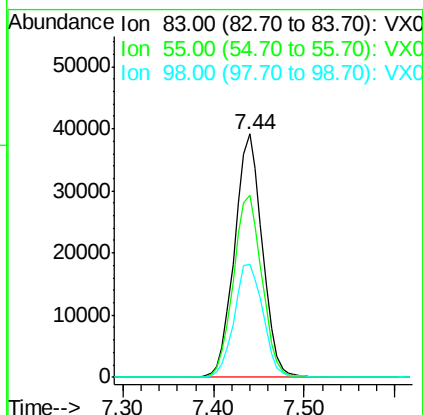
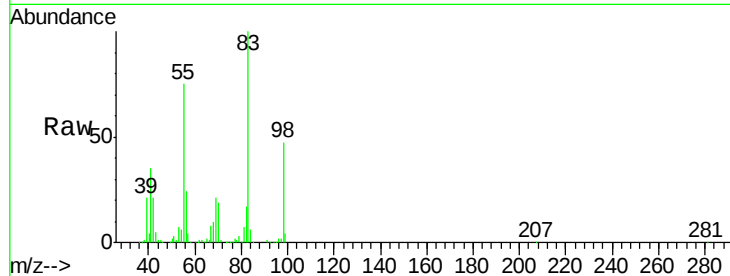




#39
Methylcyclohexane
Concen: 17.951 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

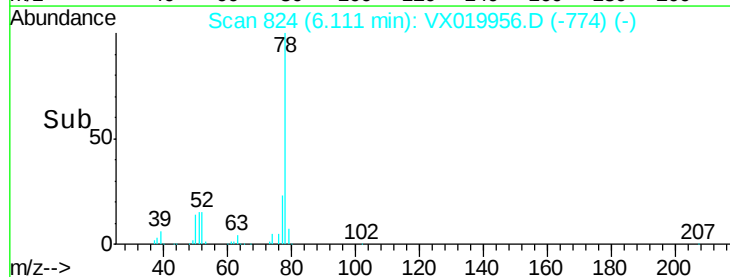
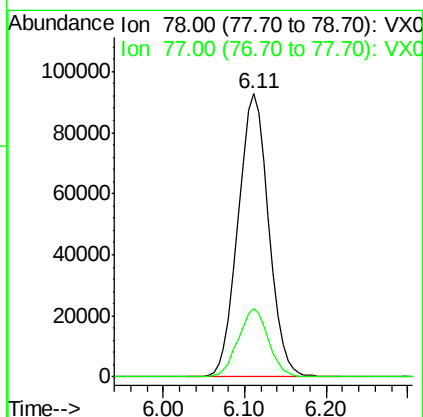
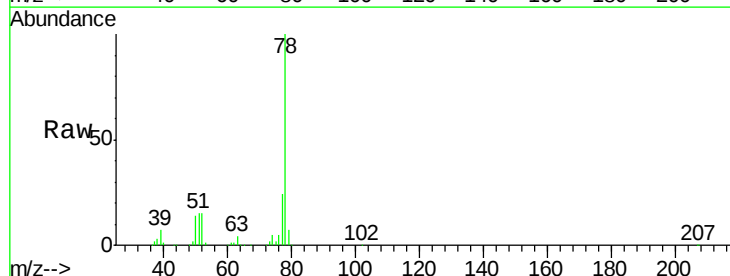
Instrument :
MSVOA_X
ClientSampled :
VX1212WBS02

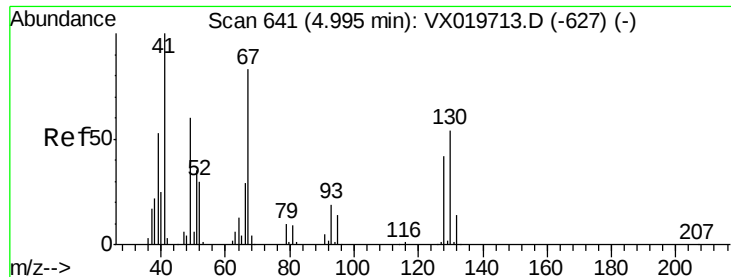
Tgt Ion: 83 Resp: 82892
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 46.5 38.1 57.1



#40
Benzene
Concen: 20.066 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 78 Resp: 240912
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

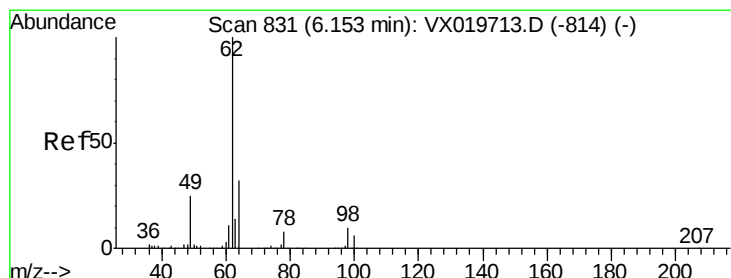
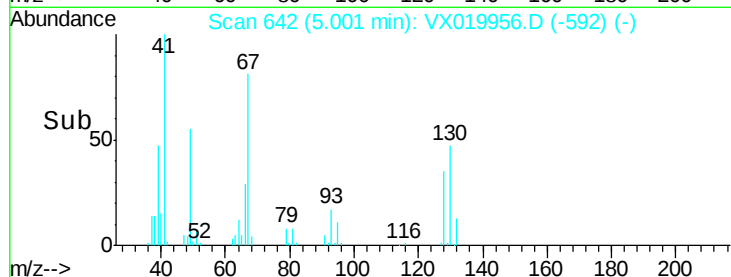
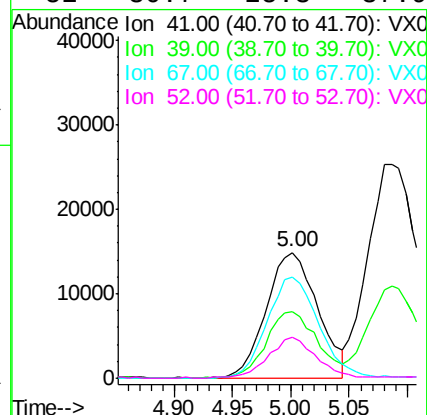
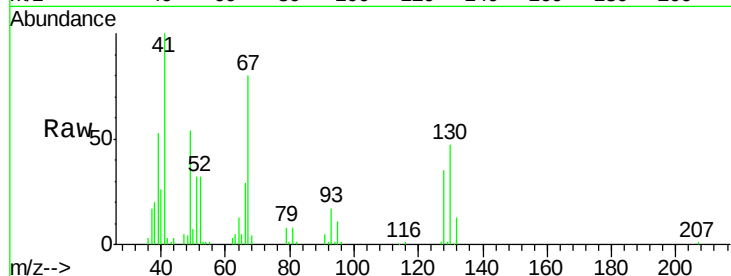




#41
Methacrylonitrile
Concen: 20.978 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

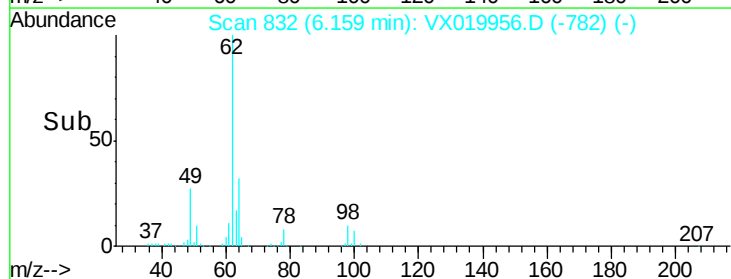
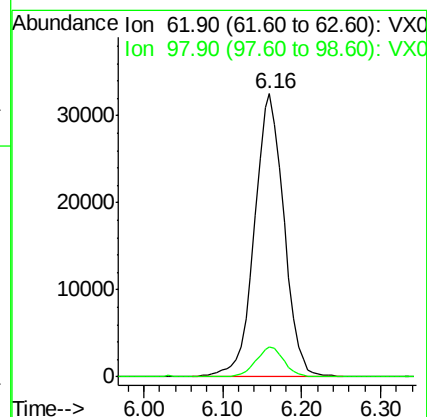
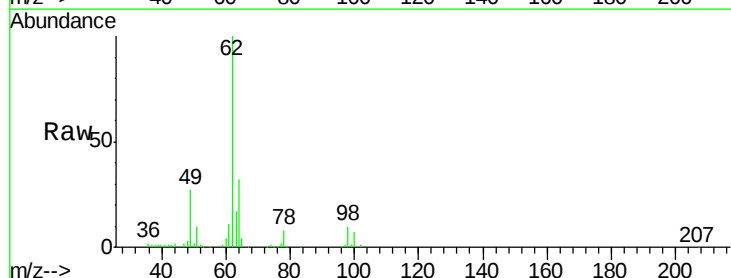
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

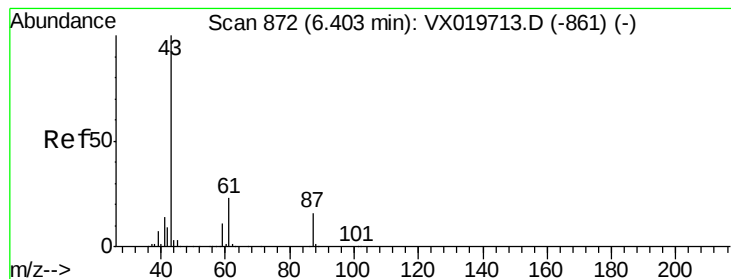
Tgt Ion:	41	Resp:	45707
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	81.0	65.0	97.6
52	30.7	25.3	37.9



#42
1,2-Dichloroethane
Concen: 20.640 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion:	62	Resp:	84667
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.189 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

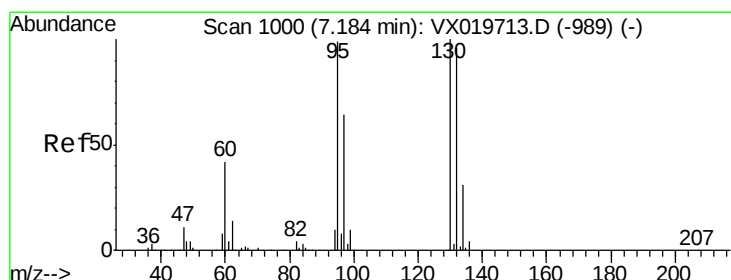
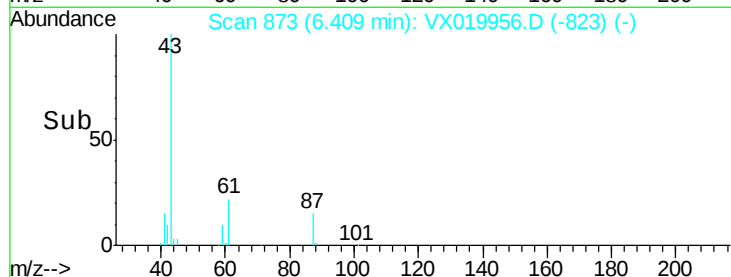
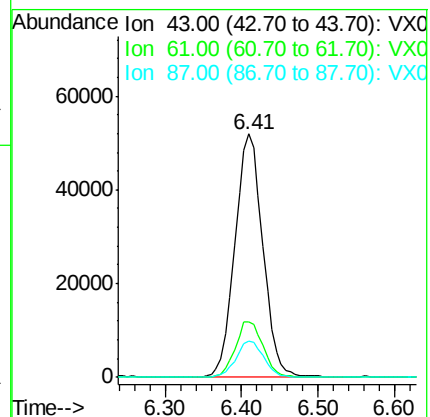
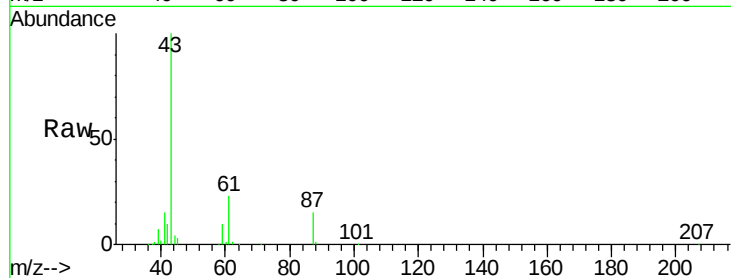
Tgt Ion: 43 Resp: 130251

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

87 15.1 12.5 18.7



#44

Trichloroethene

Concen: 19.289 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019956.D

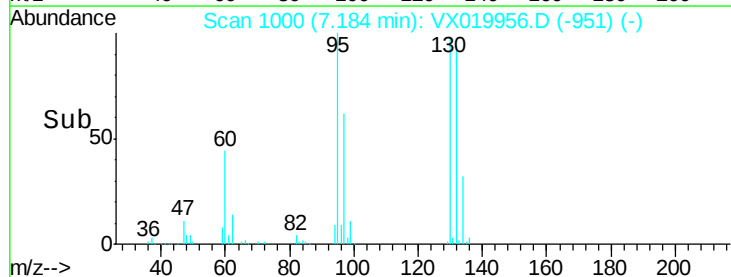
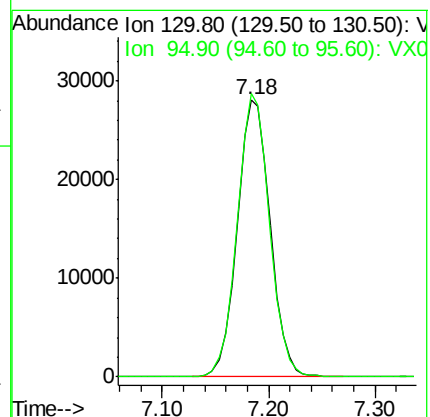
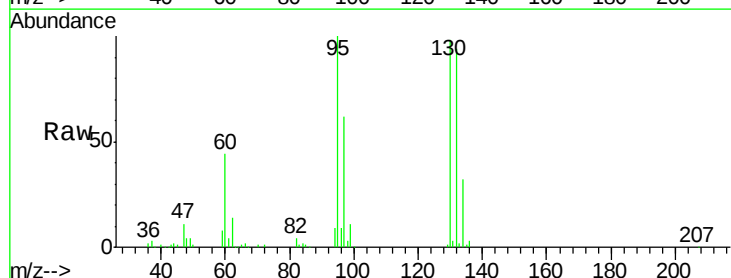
Acq: 13 Dec 2020 01:19

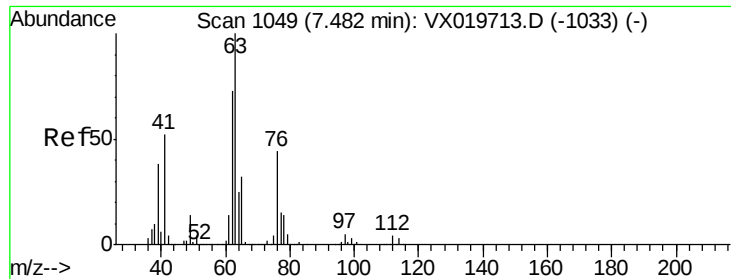
Tgt Ion: 130 Resp: 60761

Ion Ratio Lower Upper

130 100

95 102.0 0.0 198.0

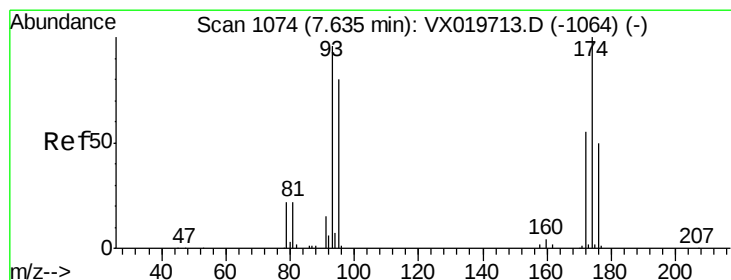
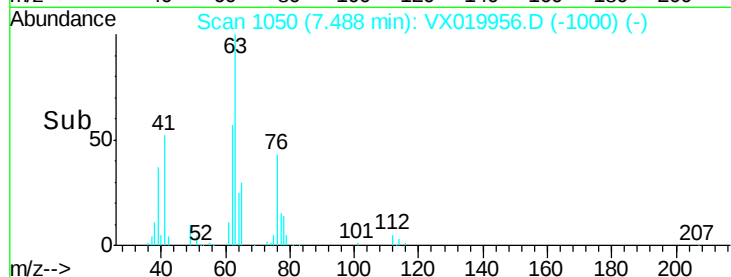
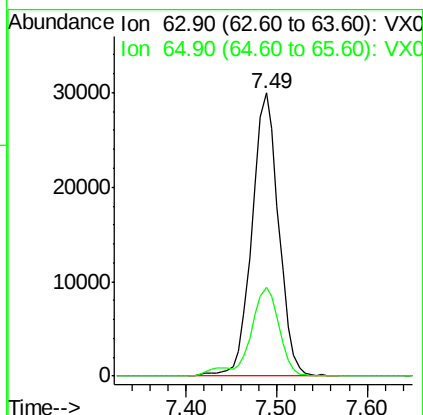
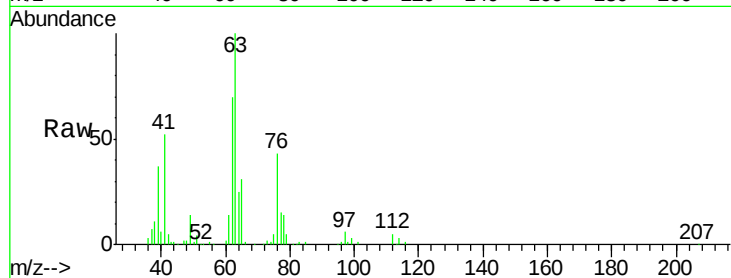




#45
 1,2-Dichloropropane
 Concen: 20.315 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

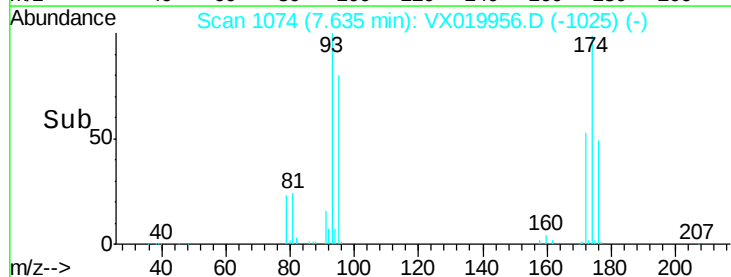
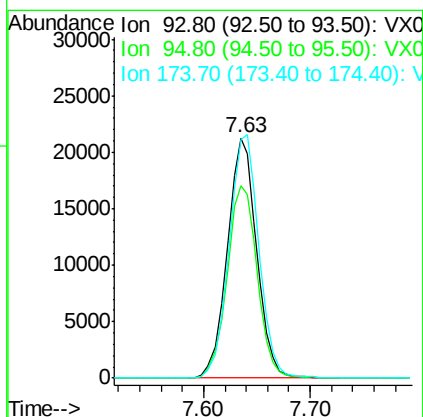
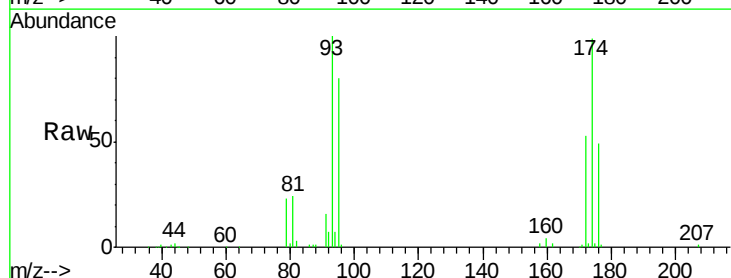
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

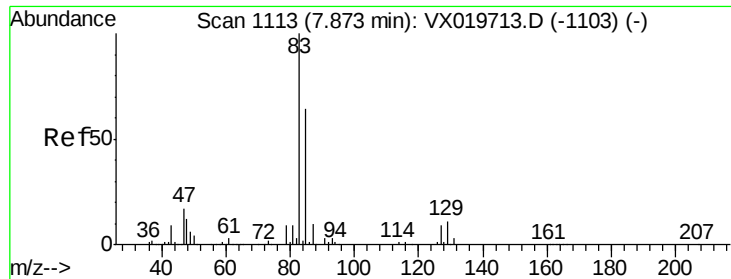
Tgt Ion: 63 Resp: 60956
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 20.172 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 93 Resp: 40875
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.8 100.2
 174 103.4 83.1 124.7

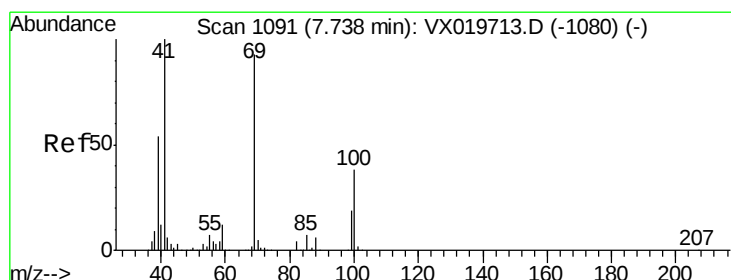
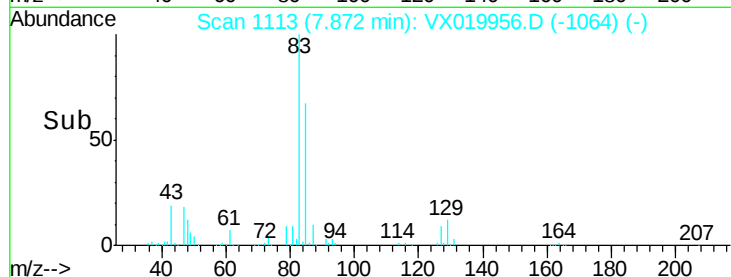
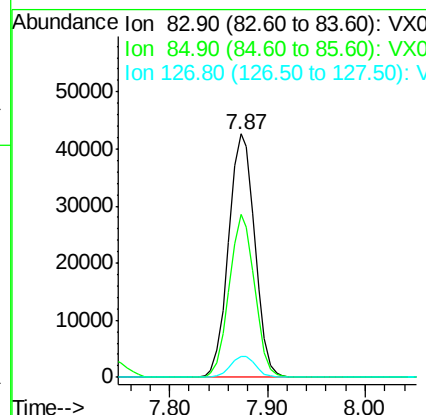
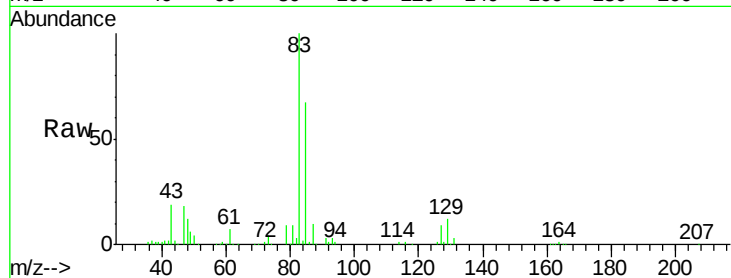




#47
Bromodichloromethane
Concen: 19.753 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

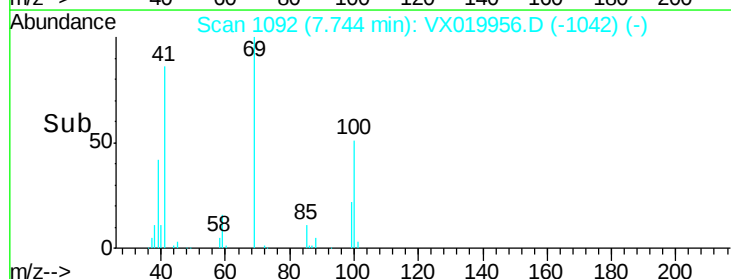
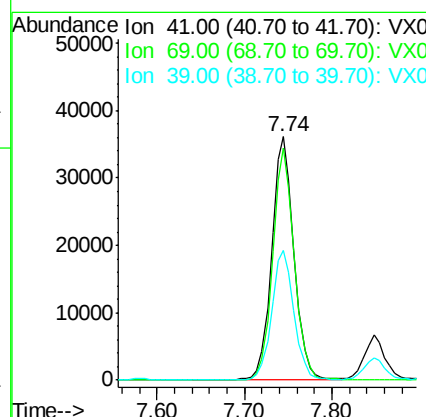
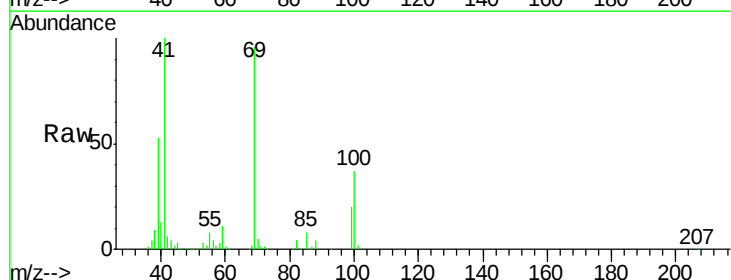
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

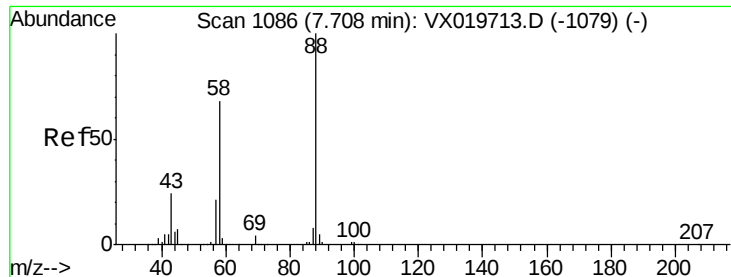
Tgt Ion: 83 Resp: 79425
Ion Ratio Lower Upper
83 100
85 66.7 51.4 77.0
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 20.359 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 41 Resp: 64599
Ion Ratio Lower Upper
41 100
69 92.5 76.0 114.0
39 53.5 44.6 67.0

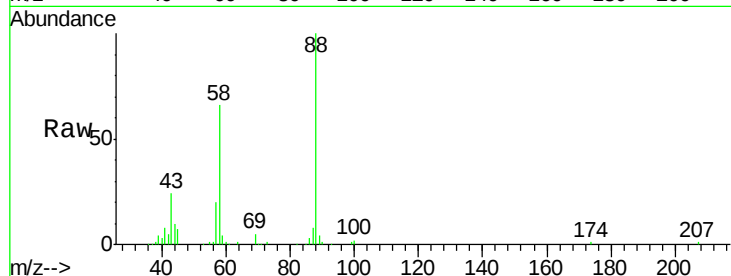




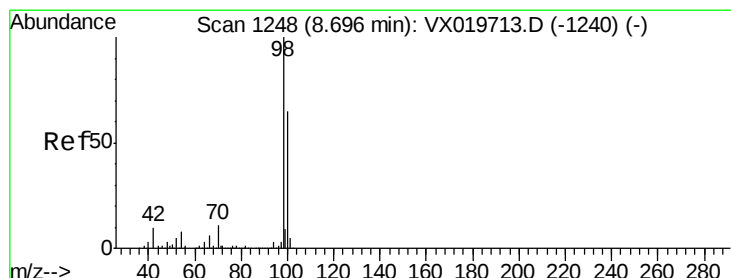
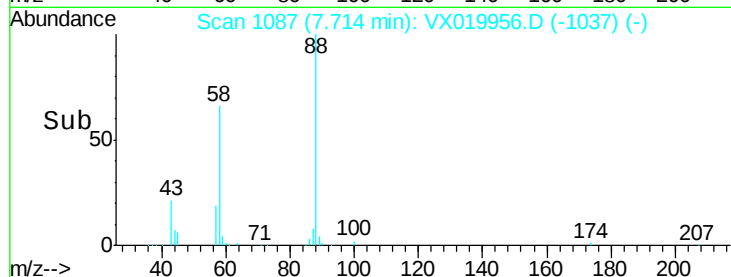
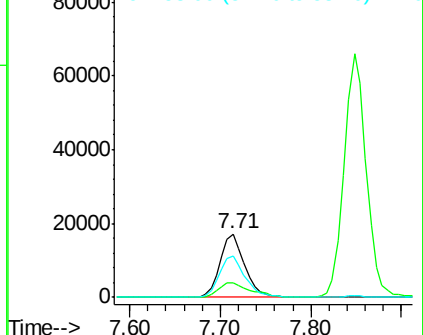
#49
1,4-Dioxane
Concen: 421.560 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

Tgt Ion: 88 Resp: 32403
Ion Ratio Lower Upper
88 100
43 28.7 23.2 34.8
58 69.2 55.0 82.4

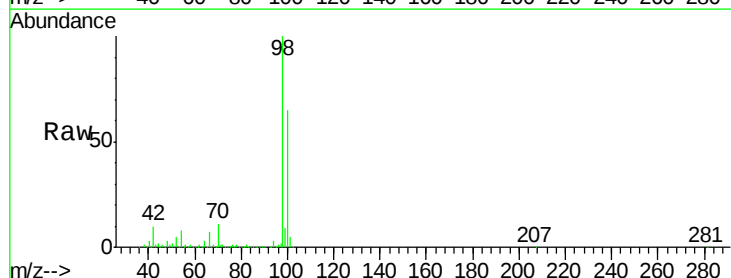


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

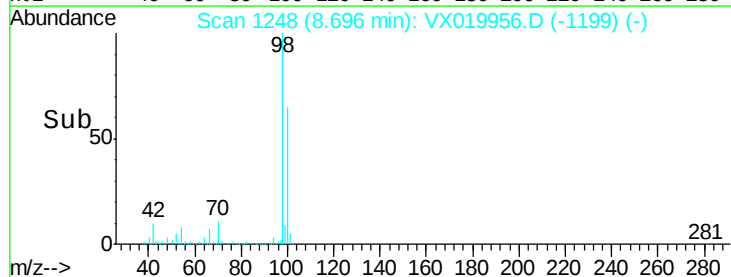
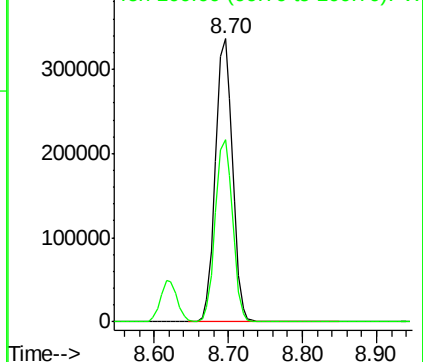


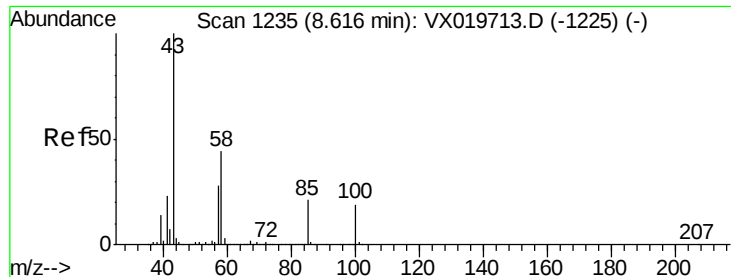
#50
Toluene-d8
Concen: 49.347 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 98 Resp: 529569
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

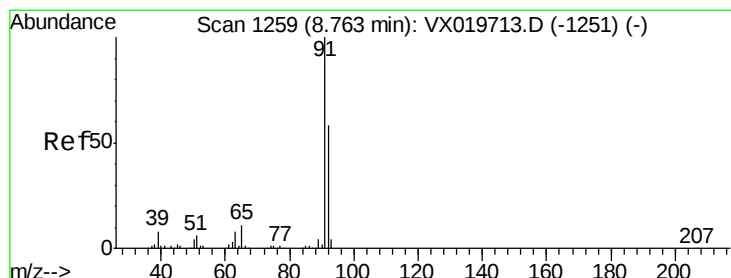
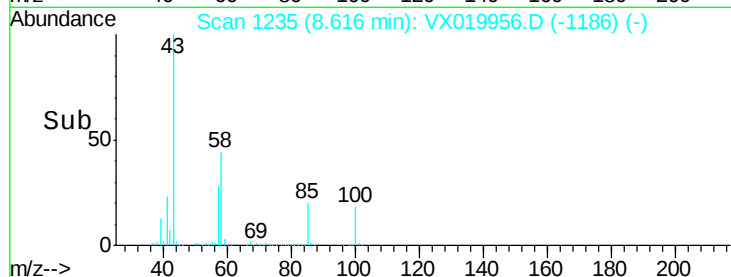
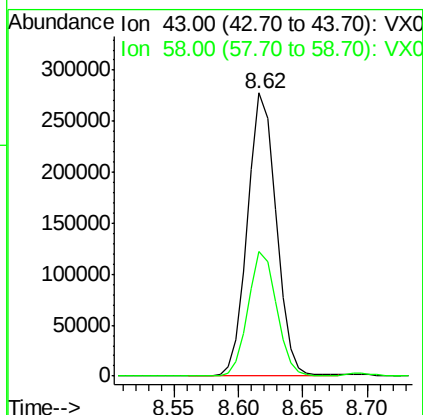
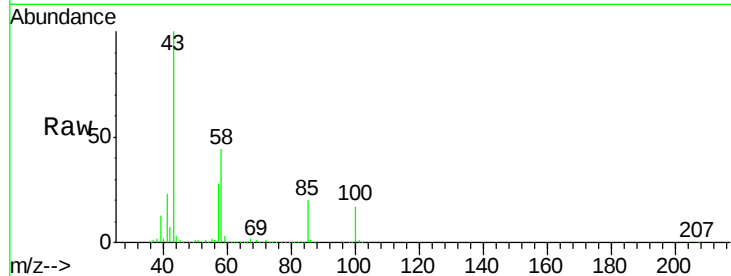




#51
 4-Methyl-2-Pentanone
 Concen: 108.136 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

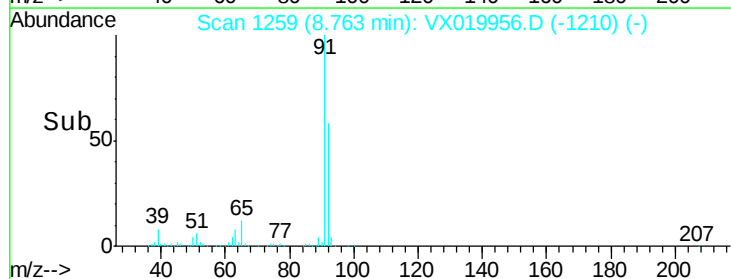
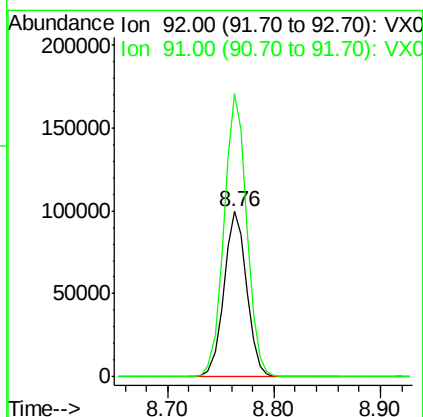
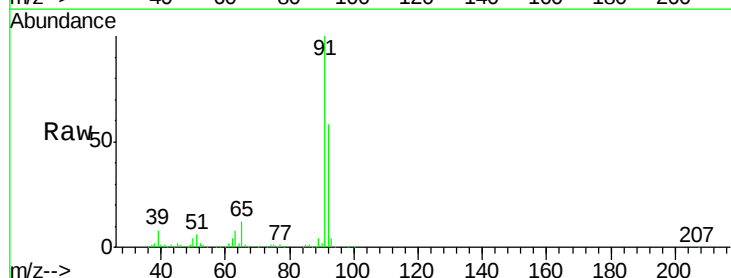
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

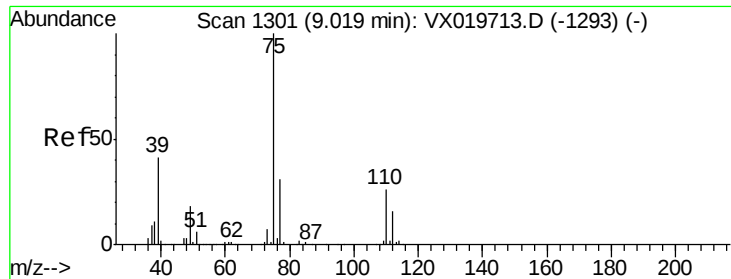
Tgt Ion: 43 Resp: 425940
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.4 53.0



#52
 Toluene
 Concen: 19.784 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 92 Resp: 148558
 Ion Ratio Lower Upper
 92 100
 91 171.7 137.1 205.7

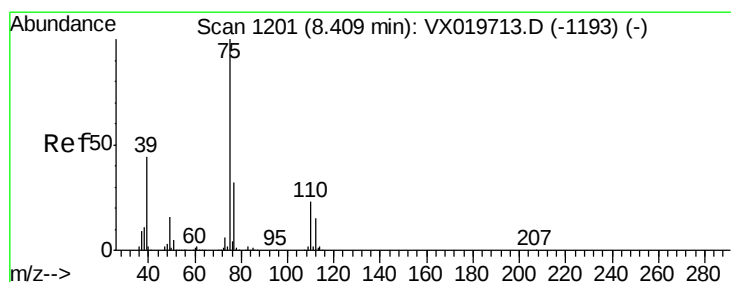
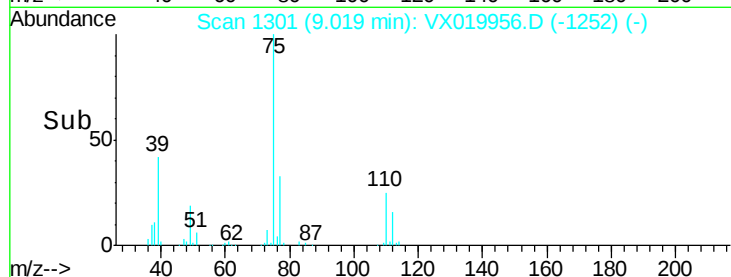
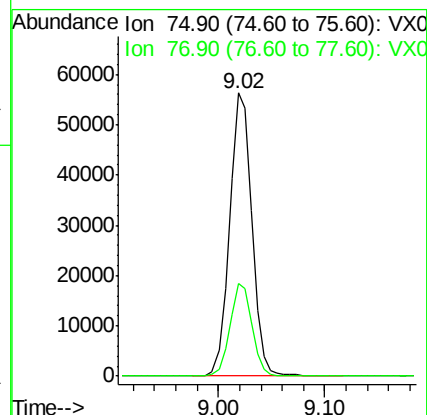
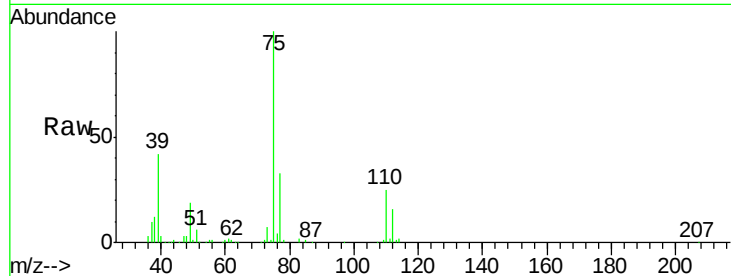




#53
t-1,3-Dichloropropene
Concen: 18.565 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

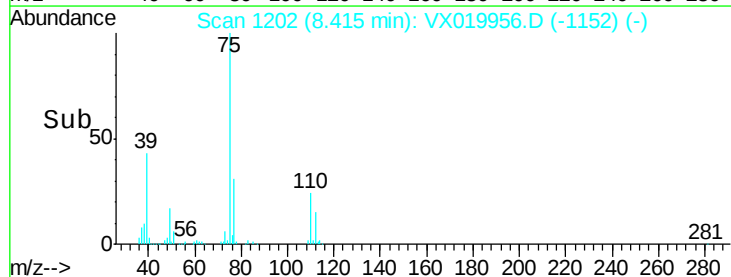
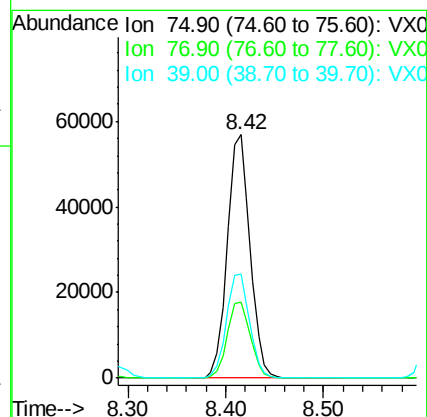
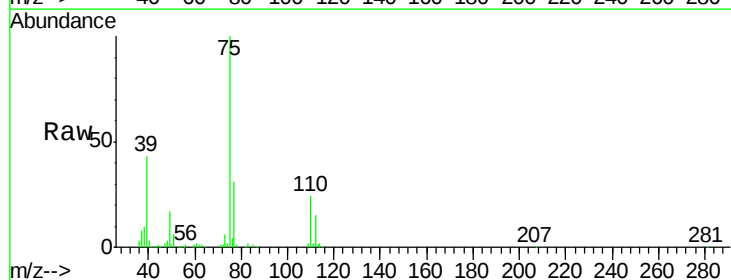
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

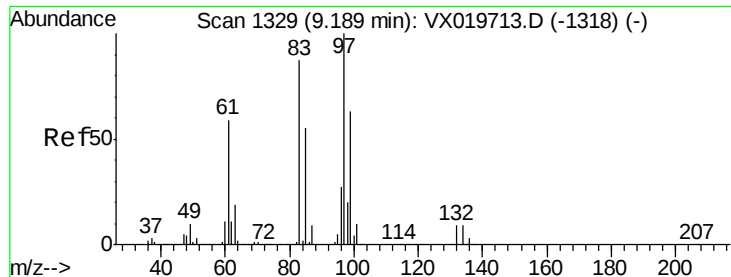
Tgt Ion: 75 Resp: 82836
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 18.919 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 75 Resp: 91709
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 42.9 35.1 52.7

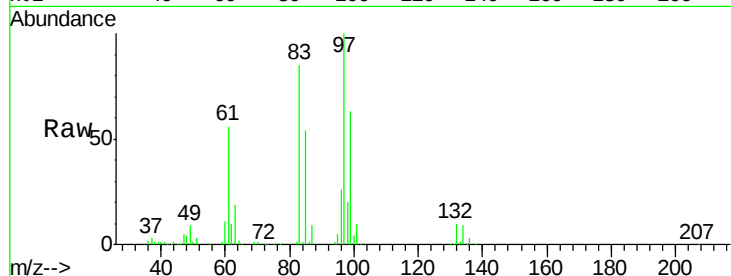




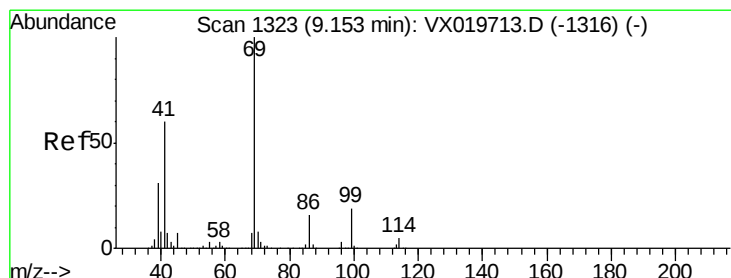
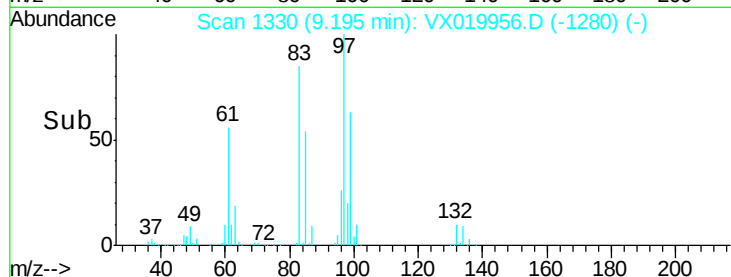
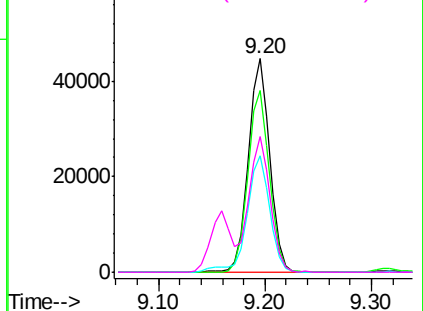
#55
 1,1,2-Trichloroethane
 Concen: 20.910 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

Tgt Ion: 97 Resp: 63273
 Ion Ratio Lower Upper
 97 100
 83 84.8 69.3 103.9
 85 54.3 44.3 66.5
 99 63.3 50.3 75.5

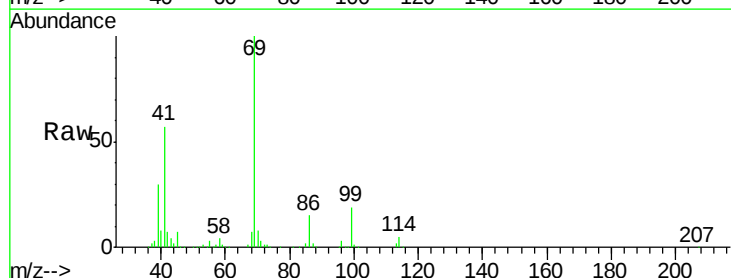


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

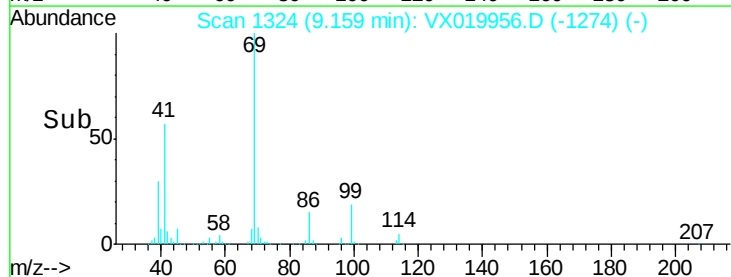
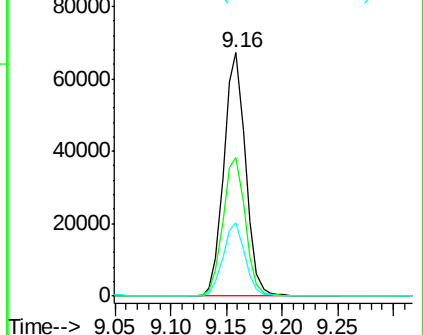


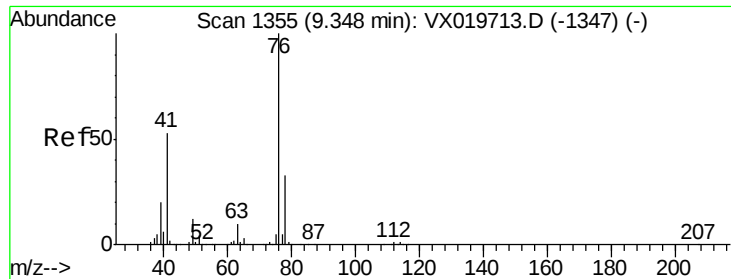
#56
 Ethyl methacrylate
 Concen: 19.922 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 69 Resp: 91207
 Ion Ratio Lower Upper
 69 100
 41 58.7 46.8 70.2
 39 30.3 24.7 37.1



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





#57

1,3-Dichloropropane

Concen: 20.642 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

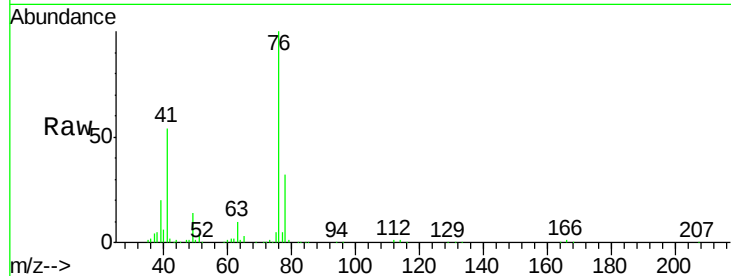
VX1212WBS02

Tgt Ion: 76 Resp: 106657

Ion Ratio Lower Upper

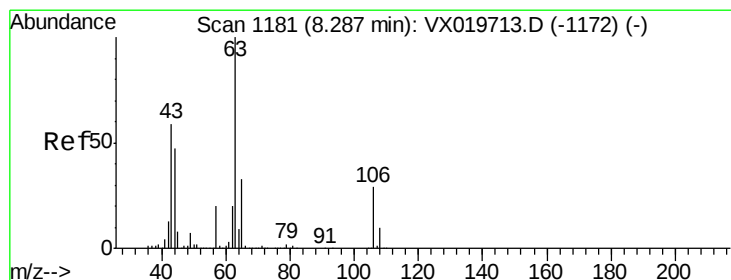
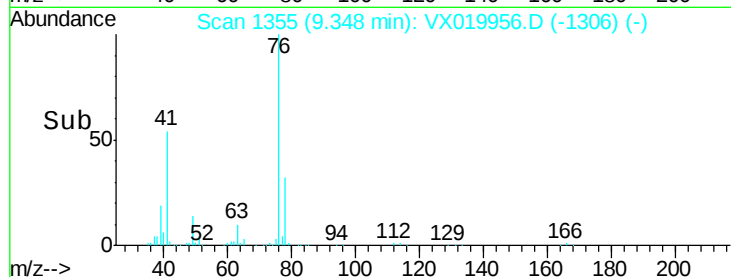
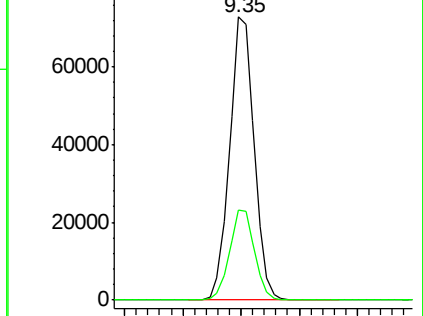
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.264 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019956.D

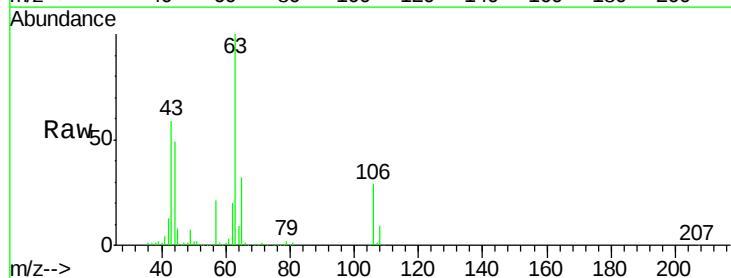
Acq: 13 Dec 2020 01:19

Tgt Ion: 63 Resp: 243178

Ion Ratio Lower Upper

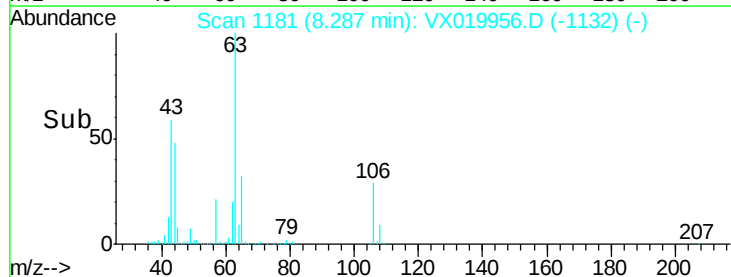
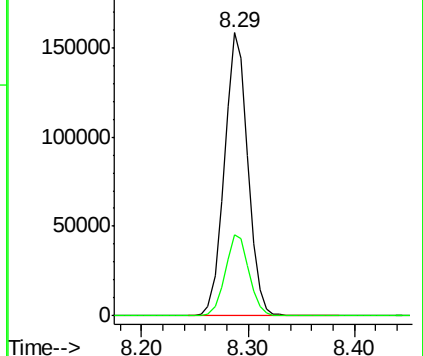
63 100

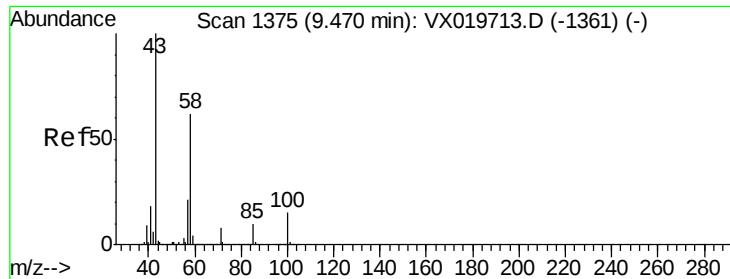
106 29.1 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

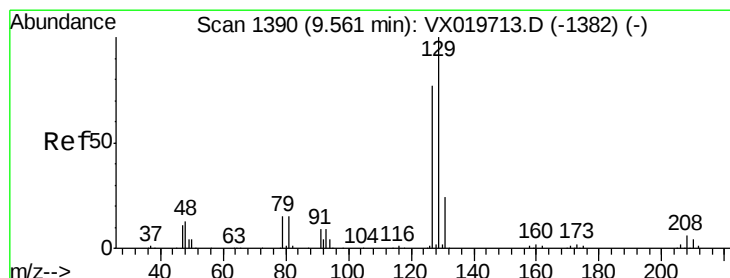
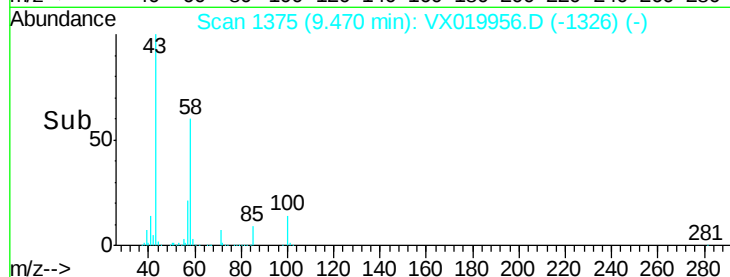
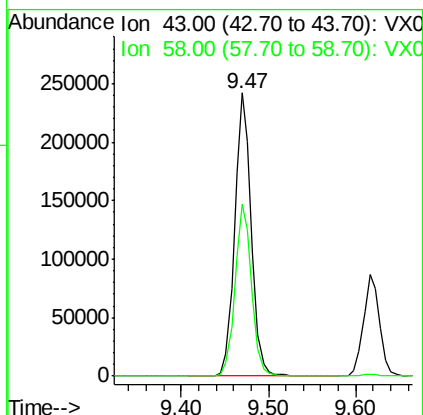
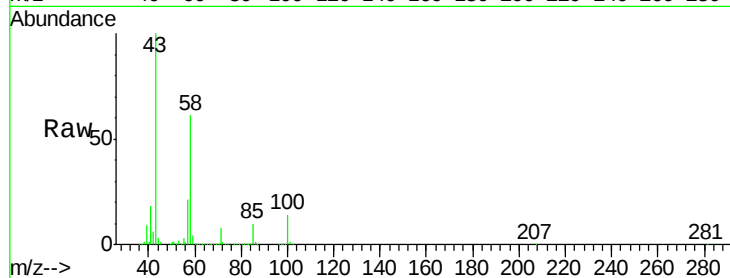




#59
2-Hexanone
Concen: 105.122 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

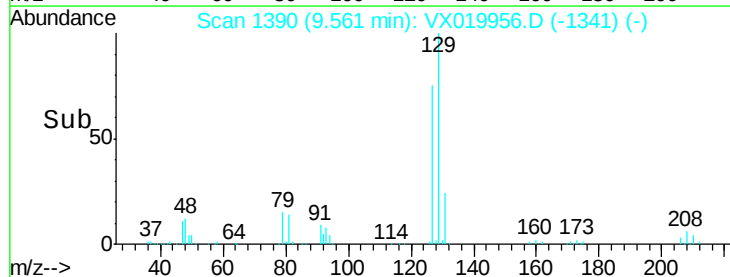
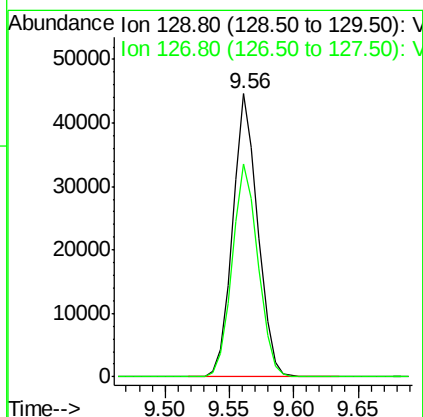
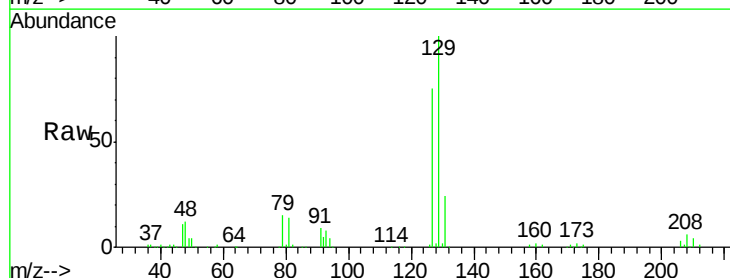
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

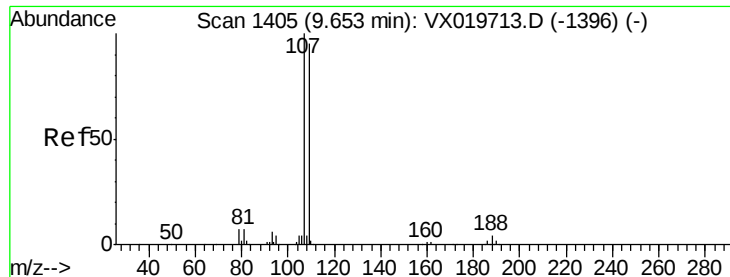
Tgt Ion: 43 Resp: 320959
Ion Ratio Lower Upper
43 100
58 60.9 30.9 92.8



#60
Dibromochloromethane
Concen: 19.741 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 129 Resp: 60692
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.011 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

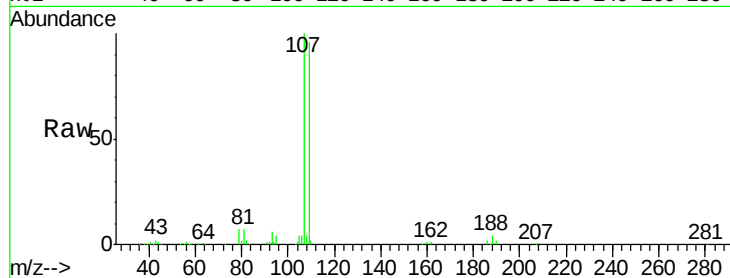
VX1212WBS02

Tgt Ion: 107 Resp: 64300

Ion Ratio Lower Upper

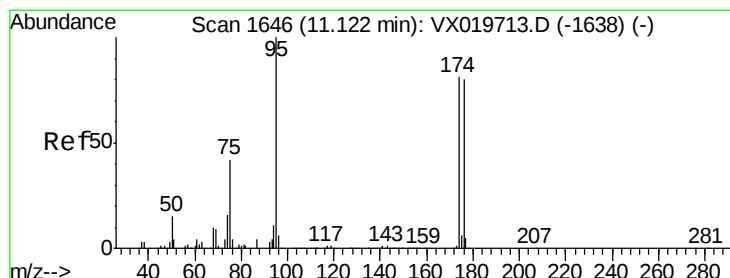
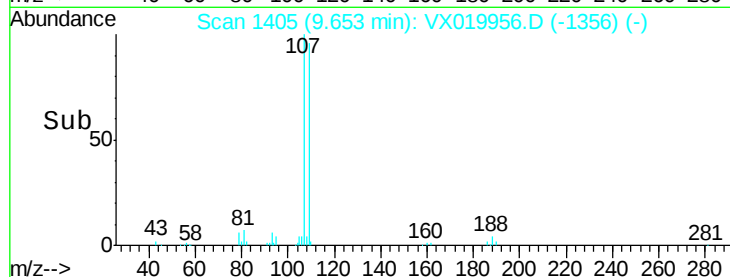
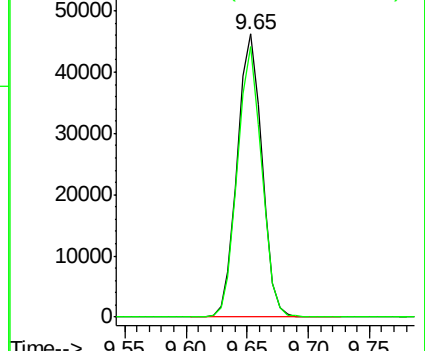
107 100

109 94.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.402 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

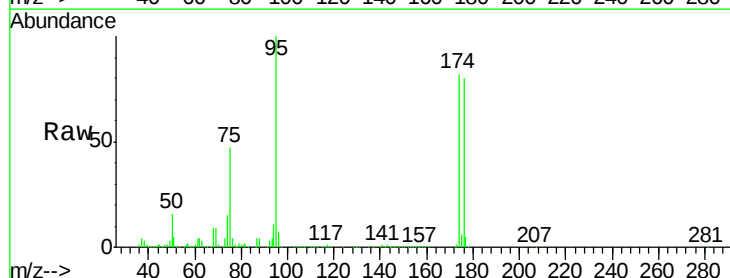
Tgt Ion: 95 Resp: 197703

Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.6

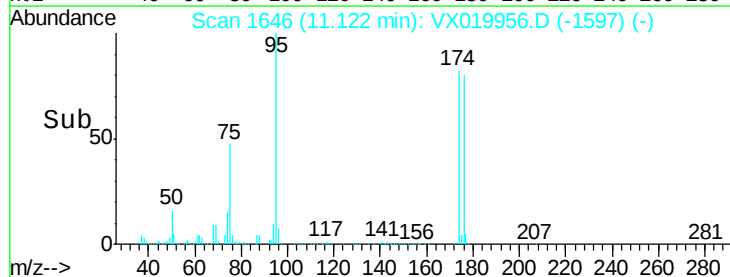
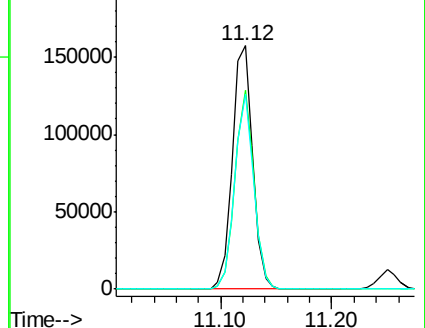
176 75.6 0.0 155.8

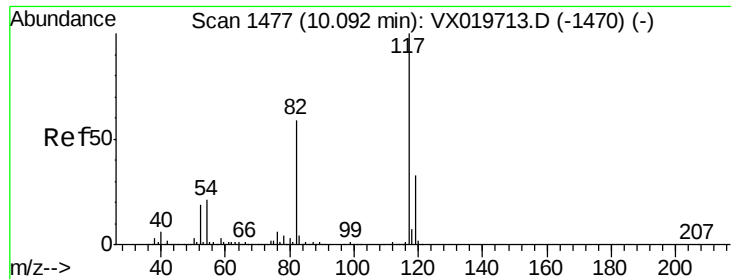


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

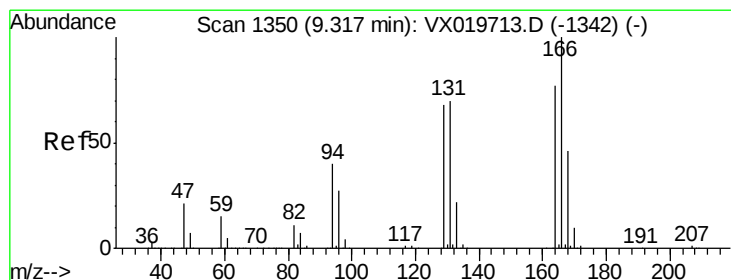
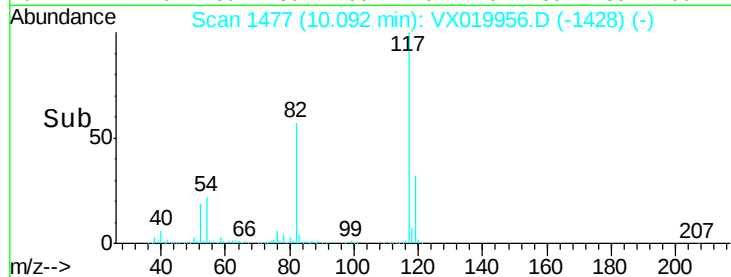
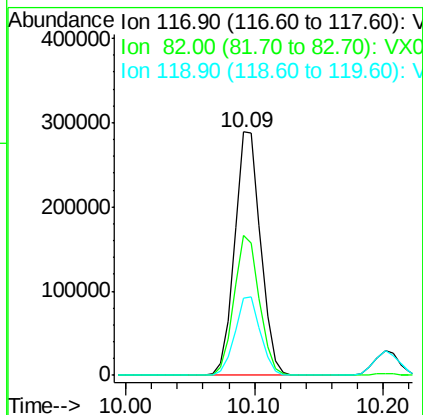
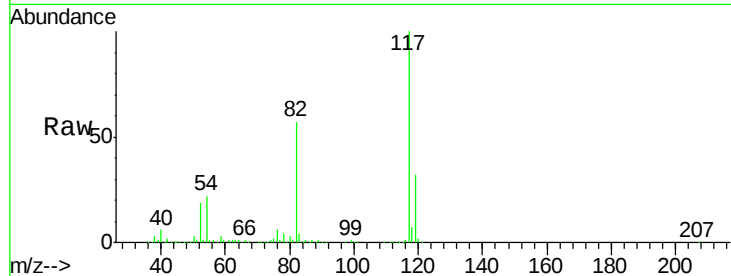




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

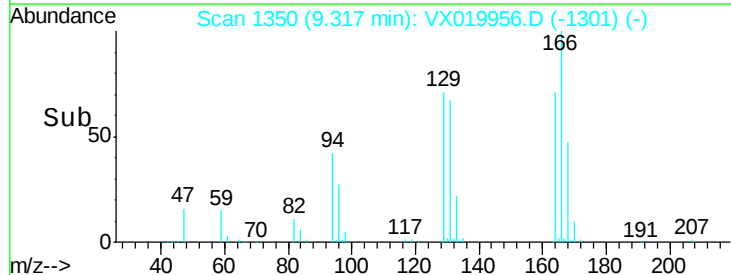
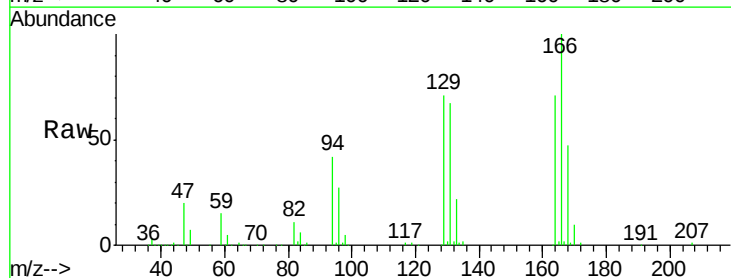
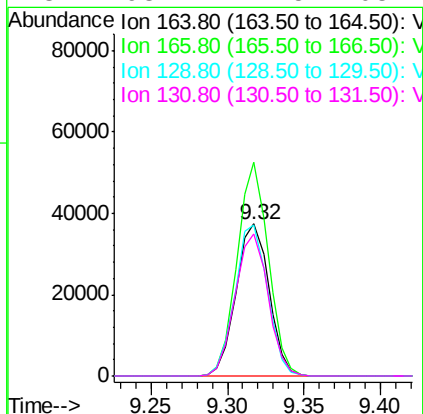
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

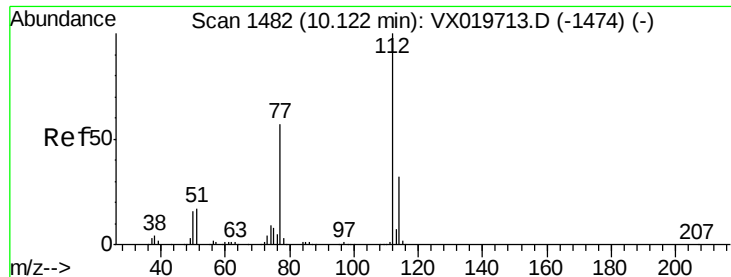
Tgt Ion:117 Resp: 404274
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.6 26.6 39.8



#64
Tetrachloroethene
Concen: 20.735 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion:164 Resp: 56215
Ion Ratio Lower Upper
164 100
166 140.4 103.4 155.2
129 99.2 70.8 106.2
131 93.4 72.5 108.7

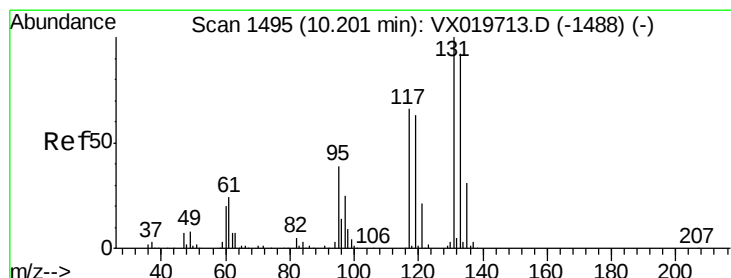
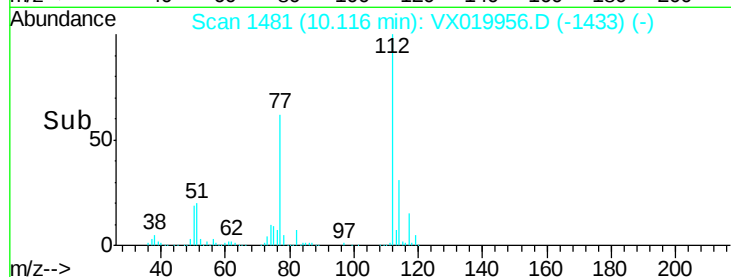
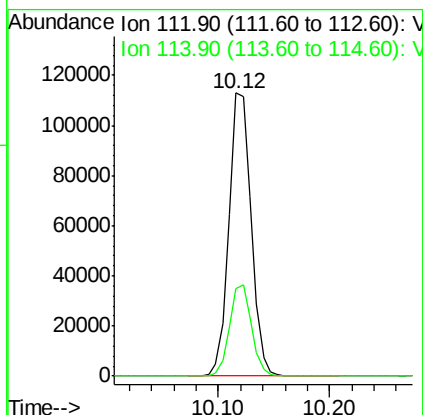
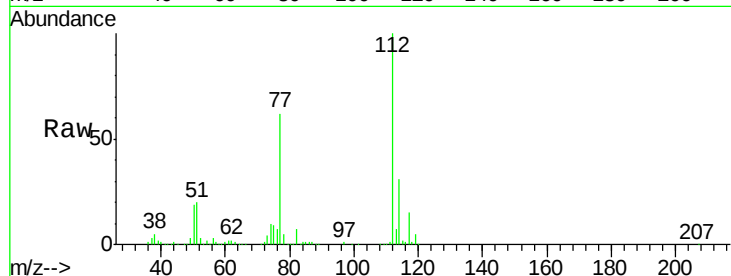




#65
Chlorobenzene
Concen: 19.398 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

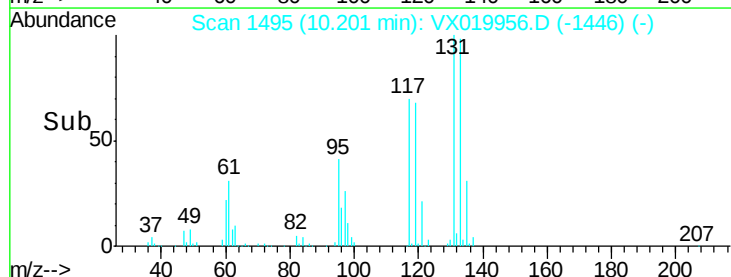
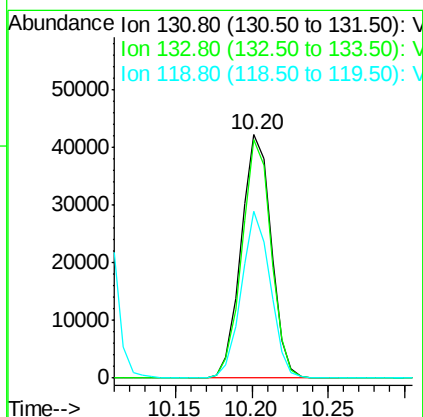
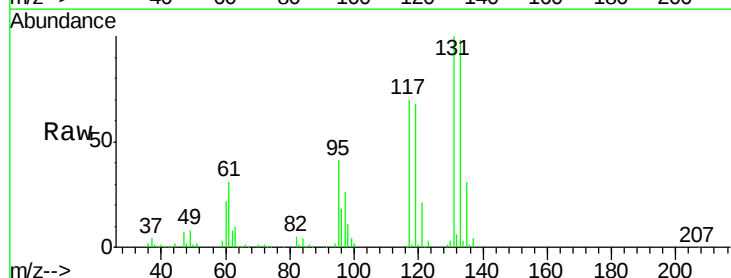
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

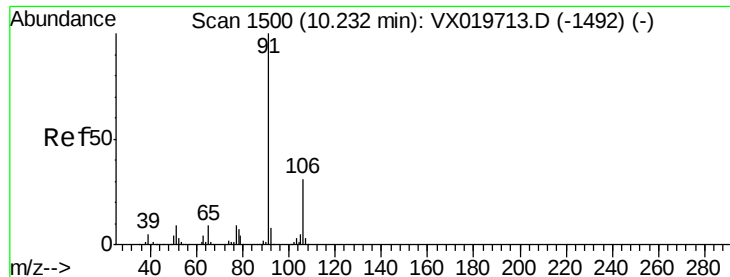
Tgt Ion:112 Resp: 156234
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.910 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion:131 Resp: 57718
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 65.5 32.1 96.5





#67

Ethyl Benzene

Concen: 19.422 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

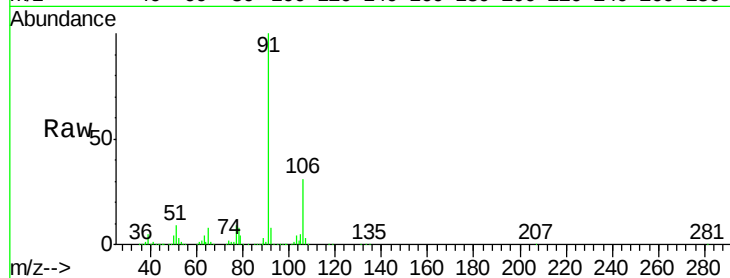
VX1212WBS02

Tgt Ion: 91 Resp: 277663

Ion Ratio Lower Upper

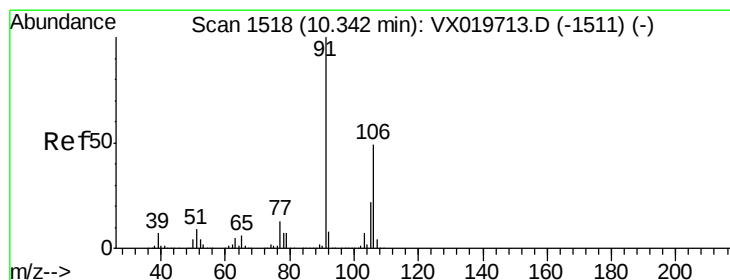
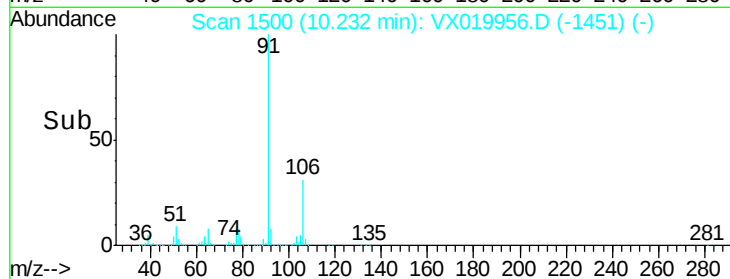
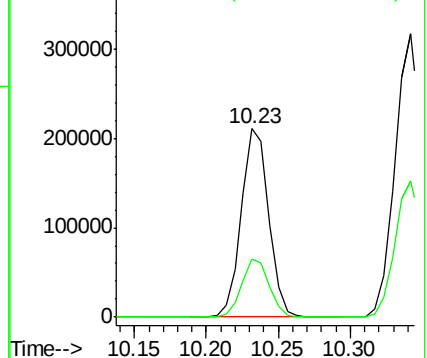
91 100

106 30.9 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.600 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019956.D

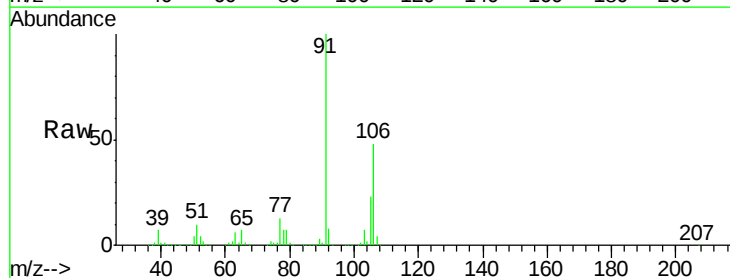
Acq: 13 Dec 2020 01:19

Tgt Ion: 106 Resp: 207948

Ion Ratio Lower Upper

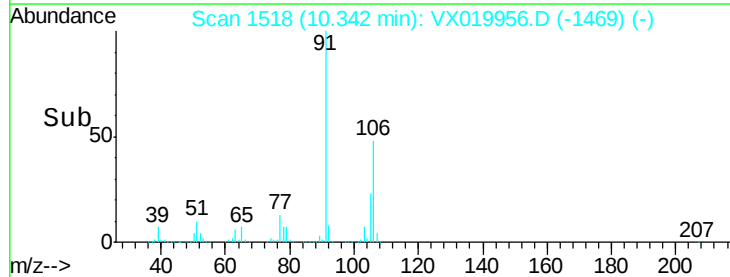
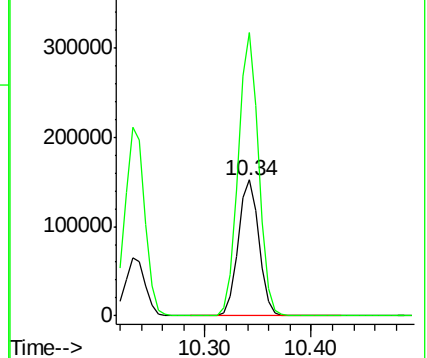
106 100

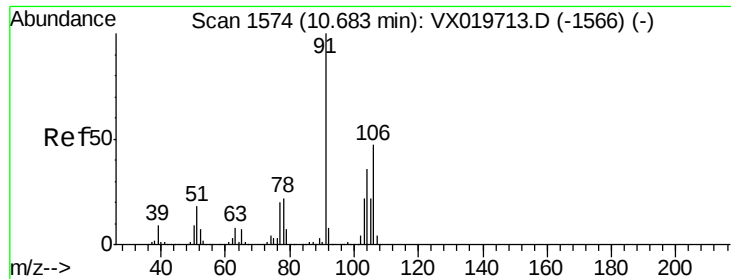
91 204.6 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

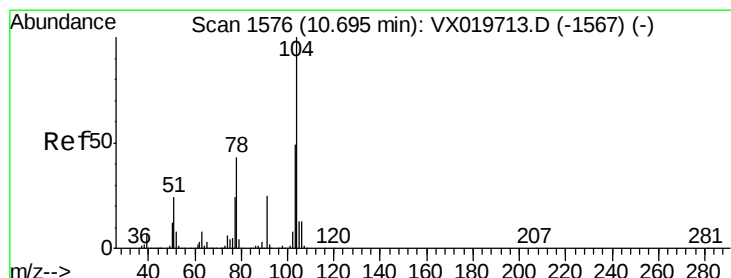
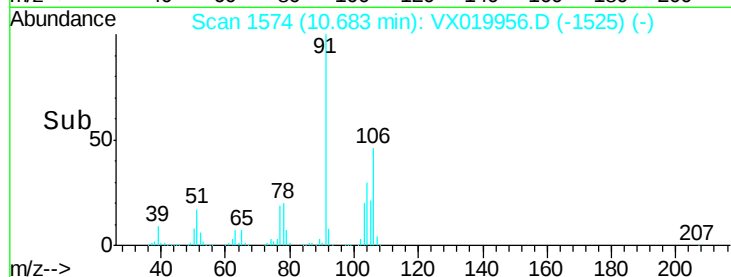
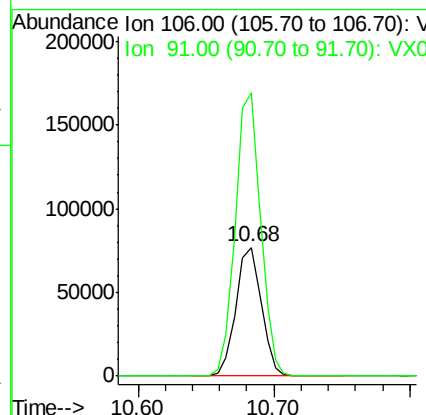
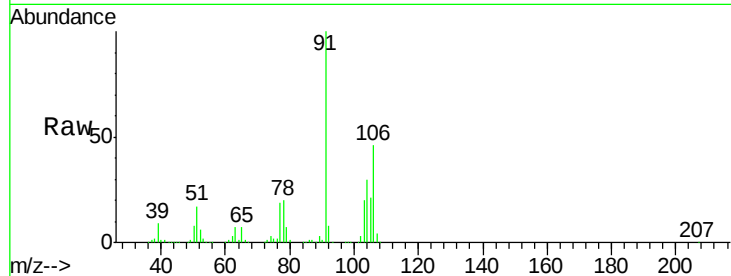




#69
o-Xylene
Concen: 19.370 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

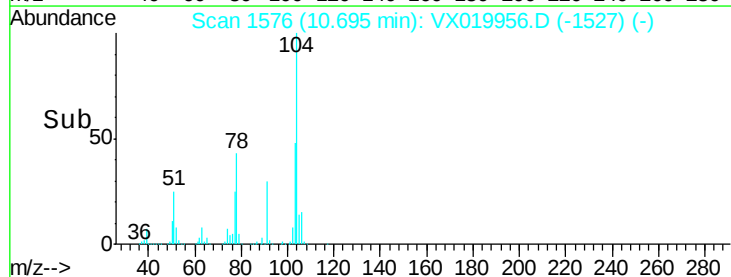
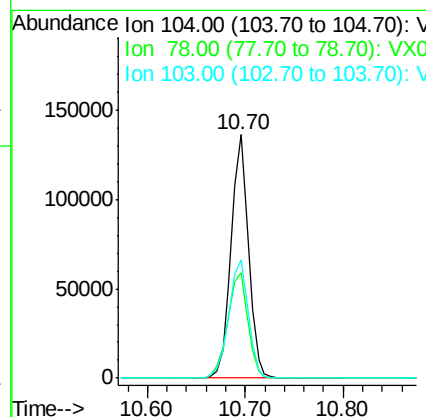
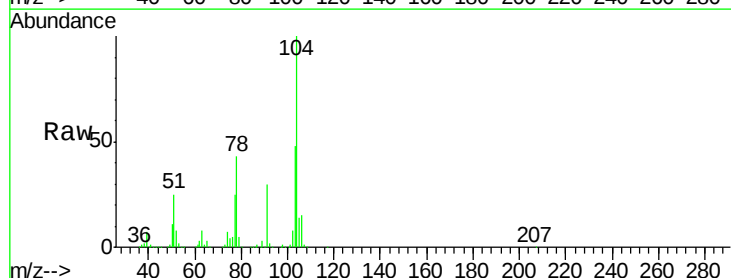
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

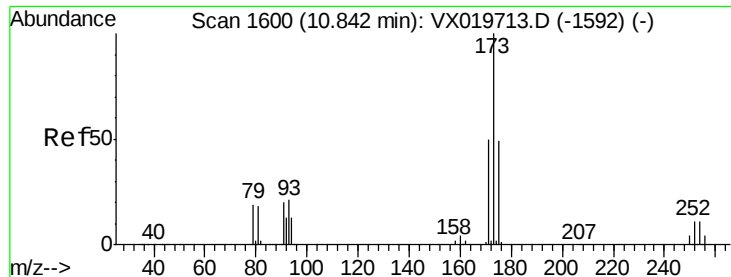
Tgt Ion:106 Resp: 100380
Ion Ratio Lower Upper
106 100
91 219.7 108.1 324.2



#70
Styrene
Concen: 19.408 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion:104 Resp: 169761
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 18.633 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

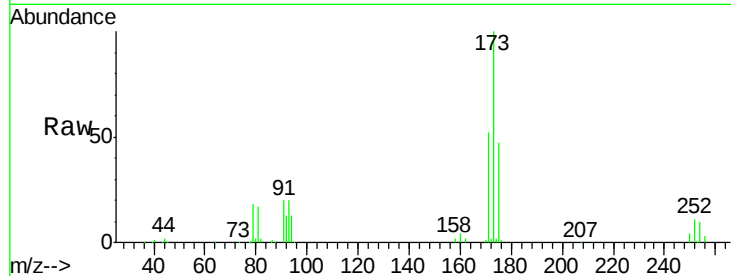
Tgt Ion:173 Resp: 42494

Ion Ratio Lower Upper

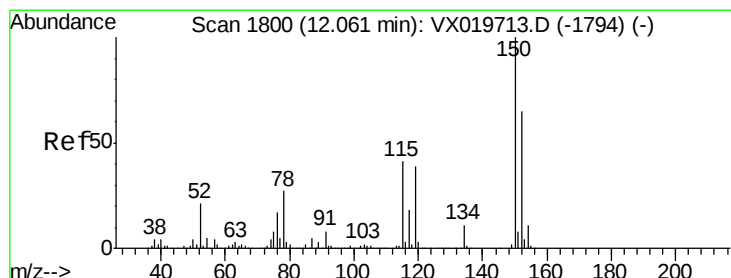
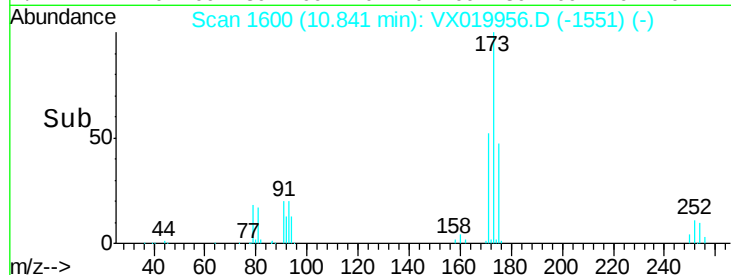
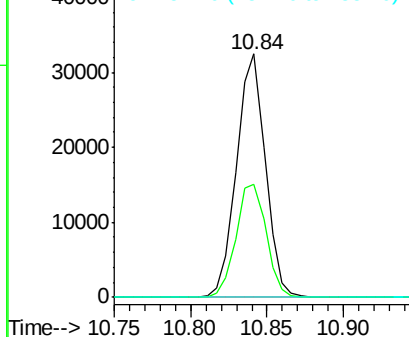
173 100

175 48.8 23.9 71.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

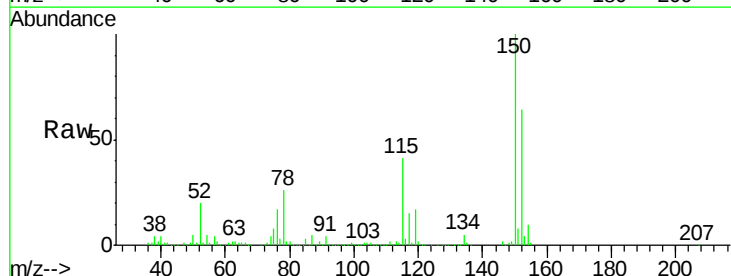
Tgt Ion:152 Resp: 192524

Ion Ratio Lower Upper

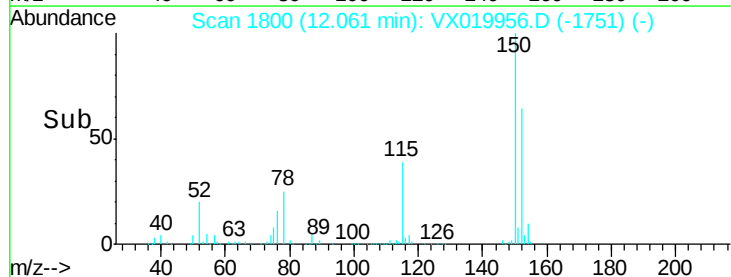
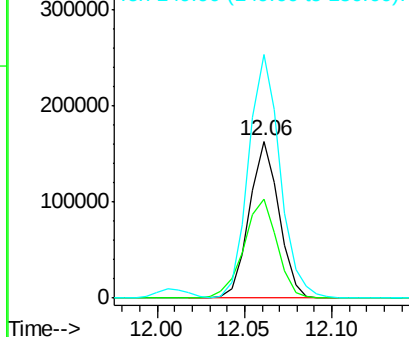
152 100

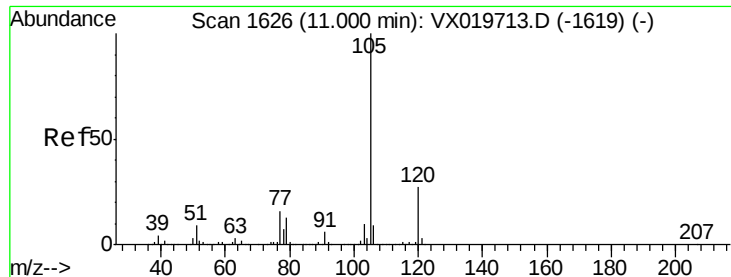
115 70.1 41.1 123.3

150 165.6 0.0 349.0



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





#73

Isopropylbenzene

Concen: 20.644 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

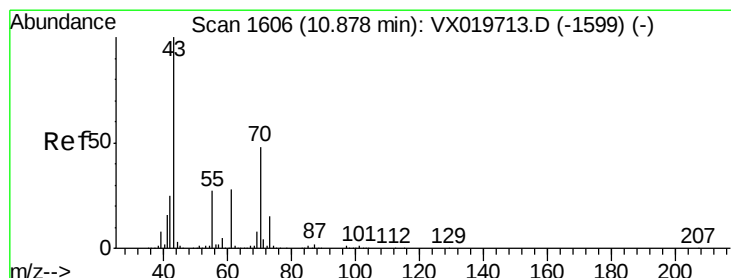
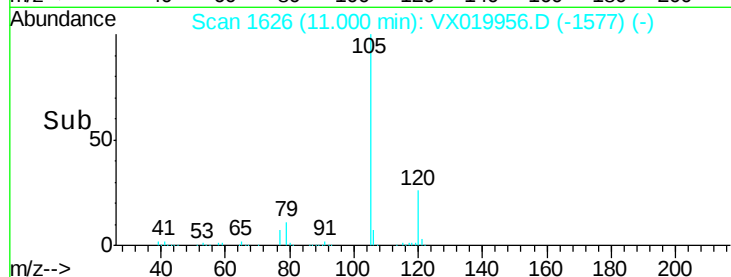
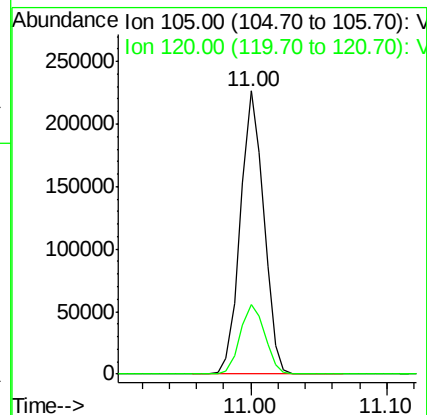
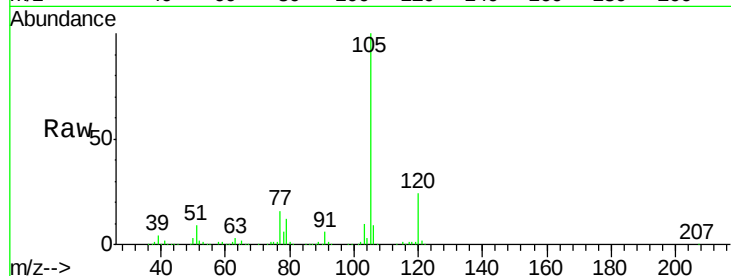
VX1212WBS02

Tgt Ion: 105 Resp: 271533

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 20.198 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Tgt Ion: 43 Resp: 106462

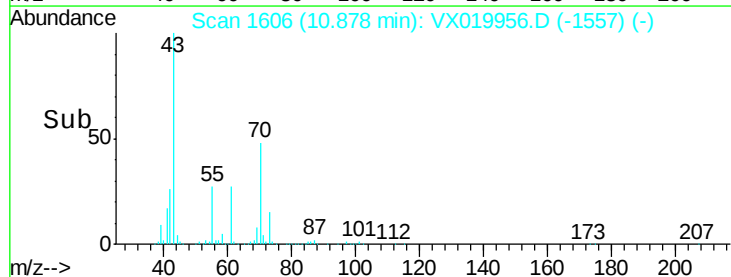
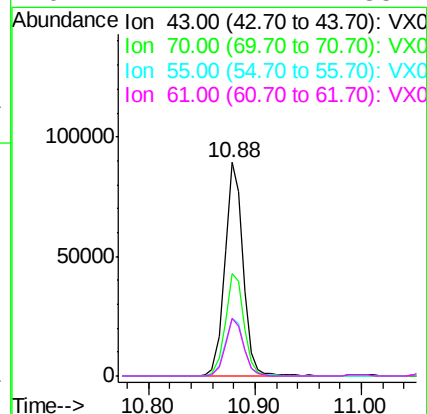
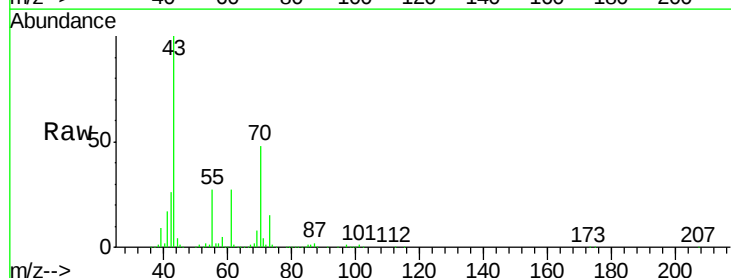
Ion Ratio Lower Upper

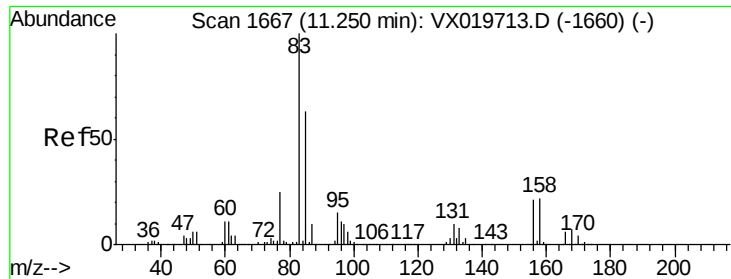
43 100

70 49.6 39.0 58.6

55 28.2 21.5 32.3

61 27.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.426 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

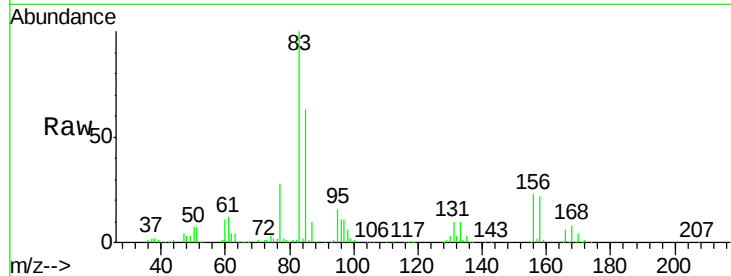
Tgt Ion: 83 Resp: 99359

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

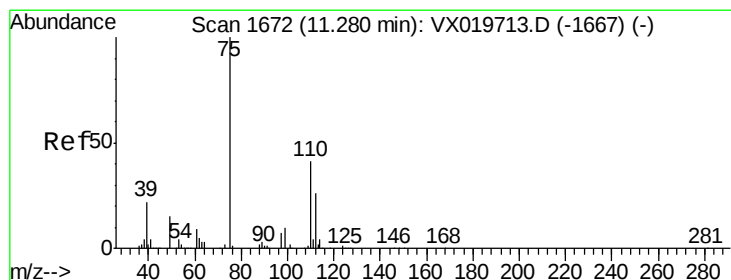
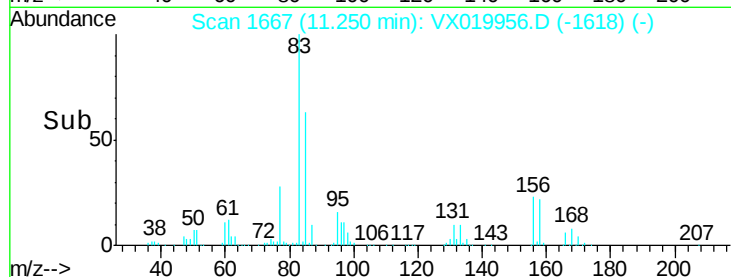
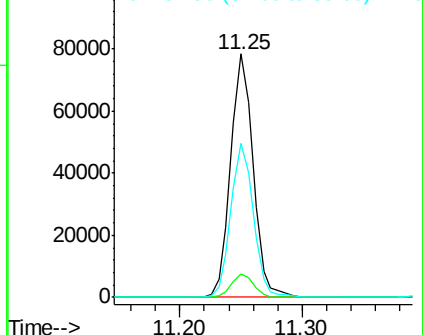
85 63.8 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.983 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019956.D

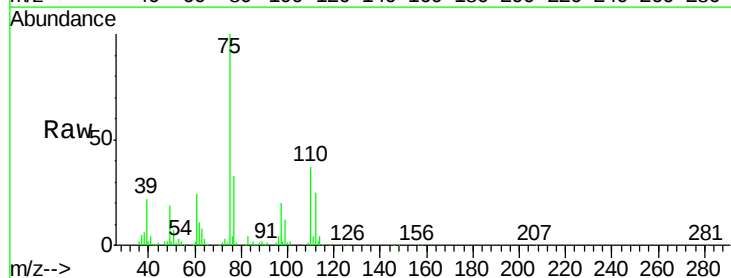
Acq: 13 Dec 2020 01:19

Tgt Ion: 75 Resp: 107875

Ion Ratio Lower Upper

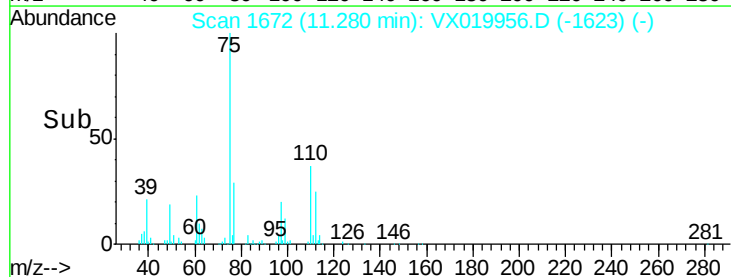
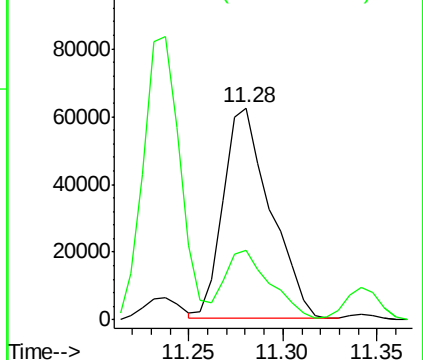
75 100

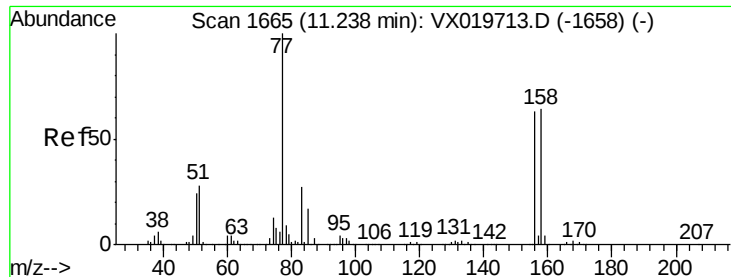
77 31.7 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.475 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

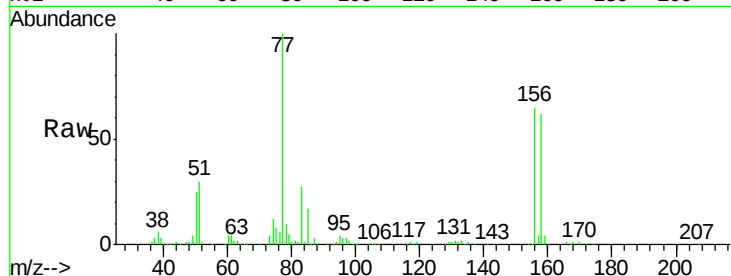
Tgt Ion:156 Resp: 68918

Ion Ratio Lower Upper

156 100

77 166.8 82.8 248.6

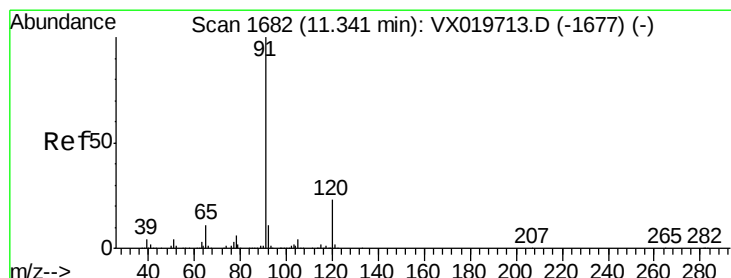
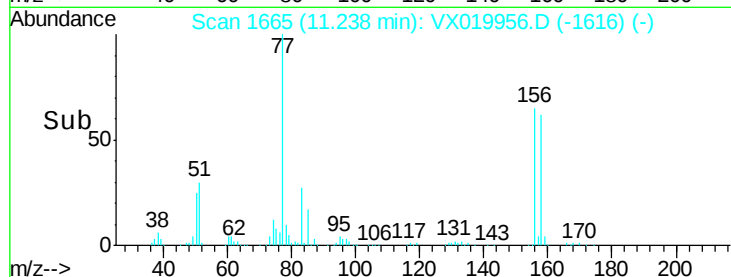
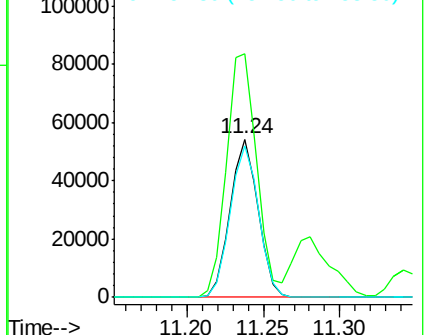
158 97.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.281 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019956.D

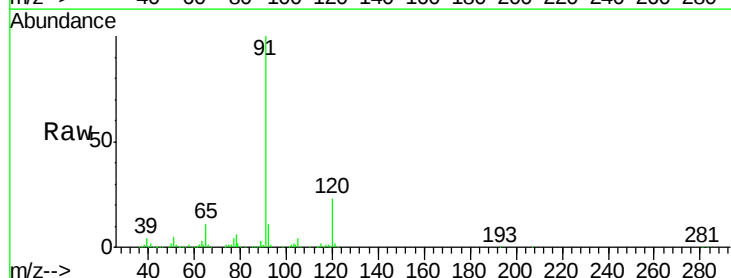
Acq: 13 Dec 2020 01:19

Tgt Ion: 91 Resp: 304683

Ion Ratio Lower Upper

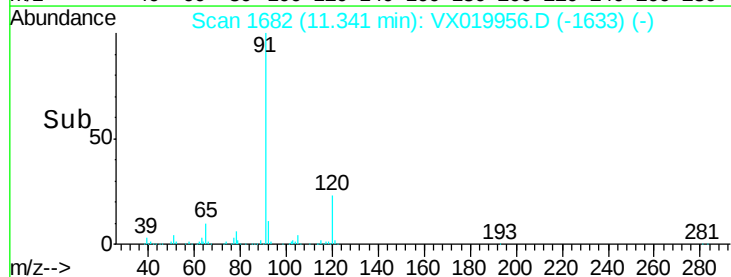
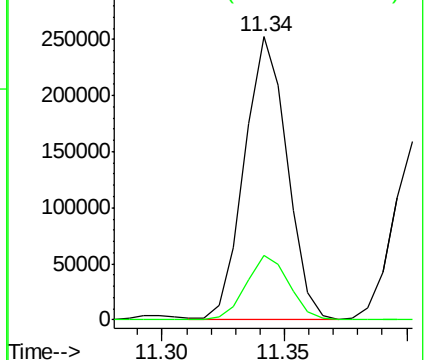
91 100

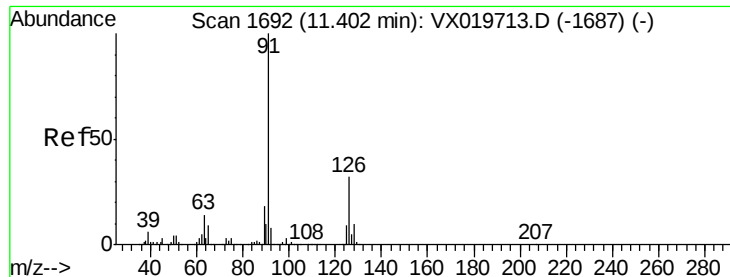
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

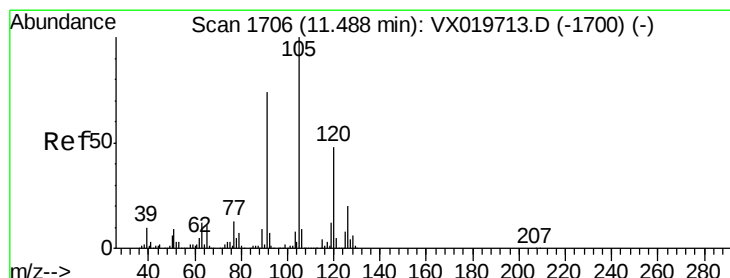
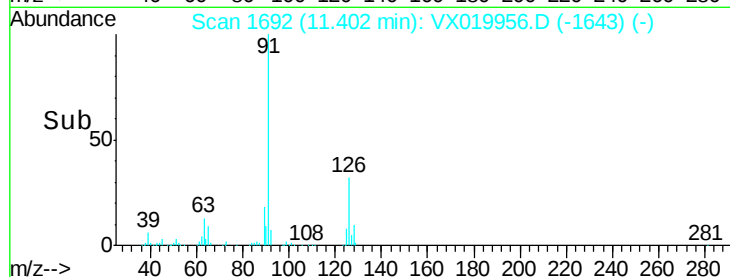
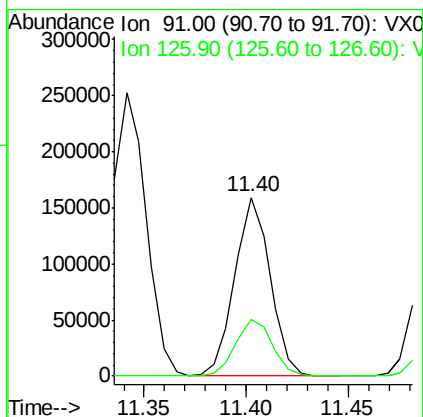
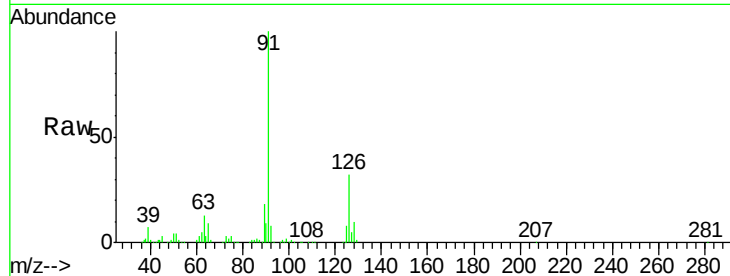




#79
 2-Chlorotoluene
 Concen: 20.751 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

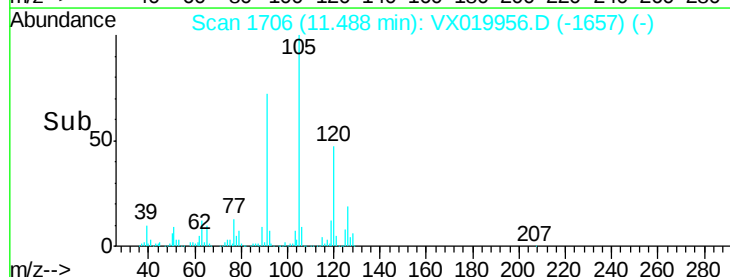
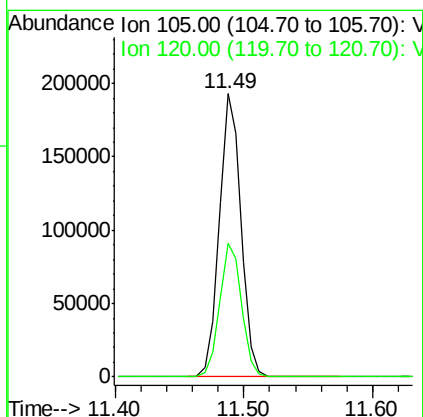
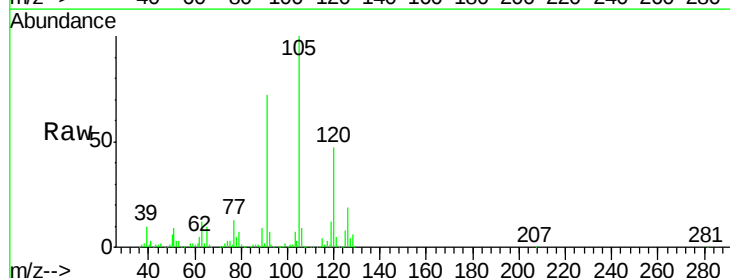
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

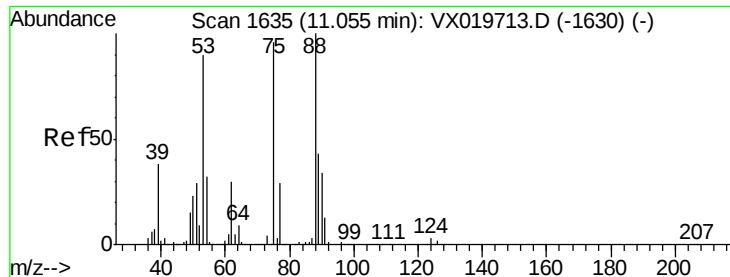
Tgt Ion: 91 Resp: 191973
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.653 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 105 Resp: 229263
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.739 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019956.D

Acq: 13 Dec 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS02

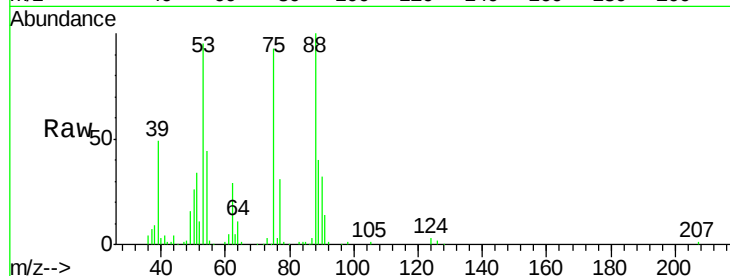
Tgt Ion: 75 Resp: 26497

Ion Ratio Lower Upper

75 100

53 101.7 74.5 111.7

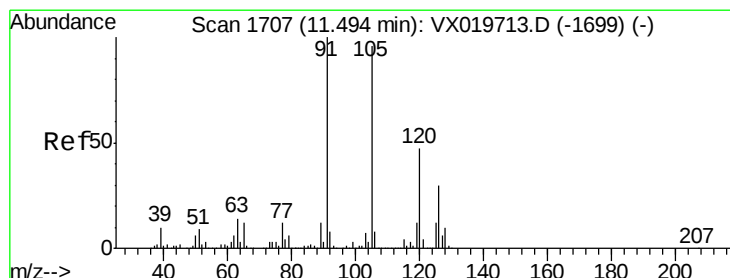
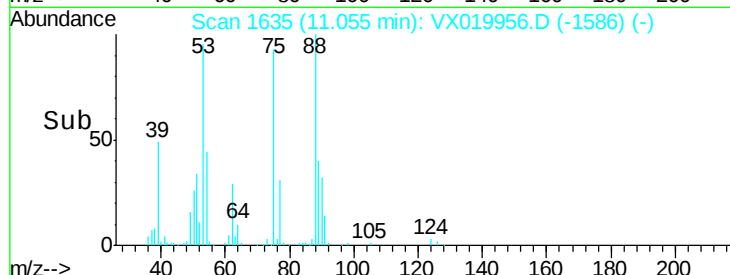
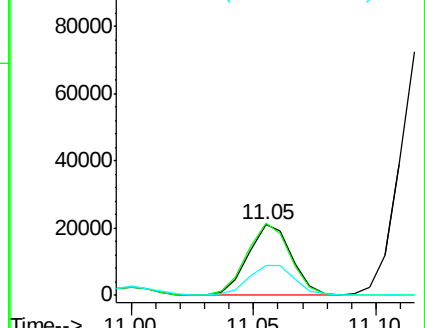
89 44.7 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.264 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019956.D

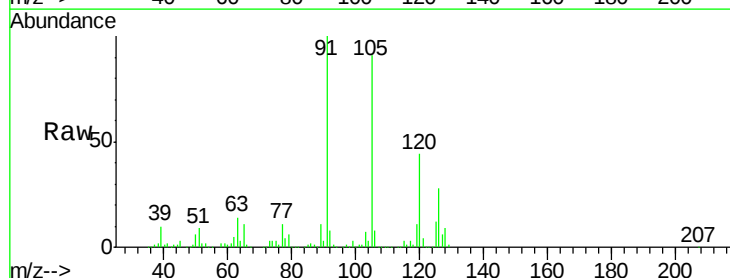
Acq: 13 Dec 2020 01:19

Tgt Ion: 91 Resp: 219560

Ion Ratio Lower Upper

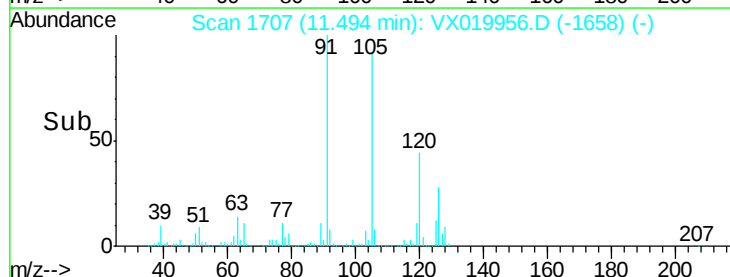
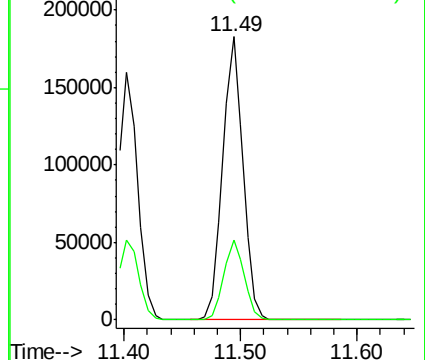
91 100

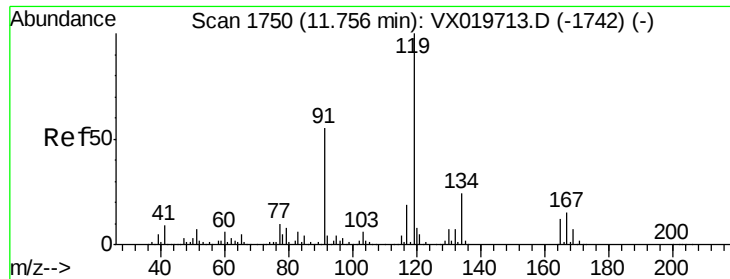
126 28.3 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

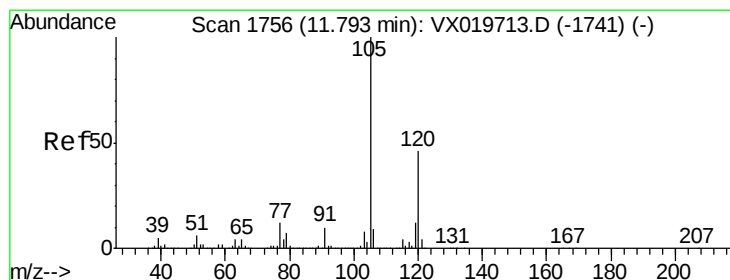
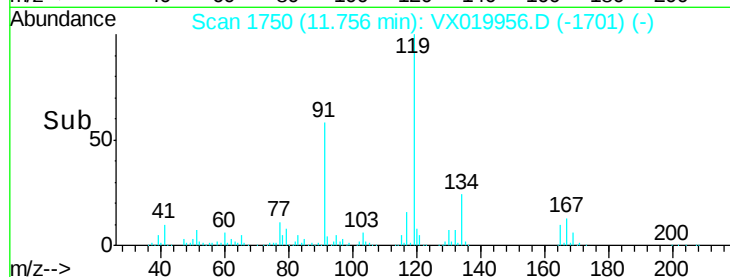
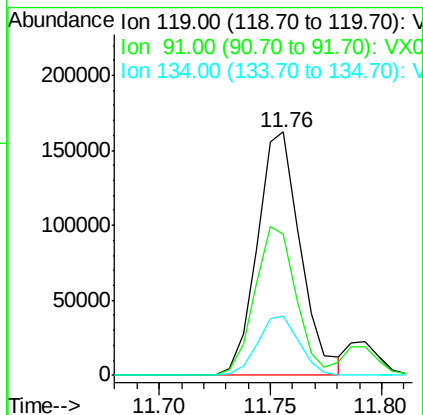
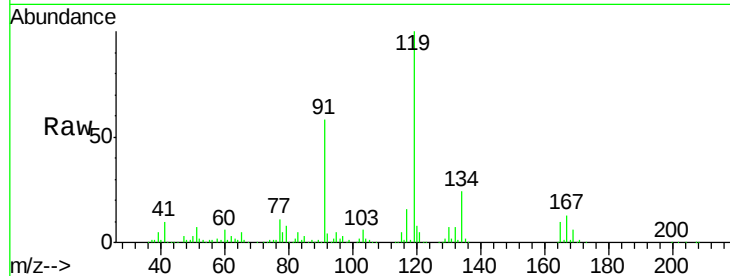




#83
 tert-Butylbenzene
 Concen: 20.131 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

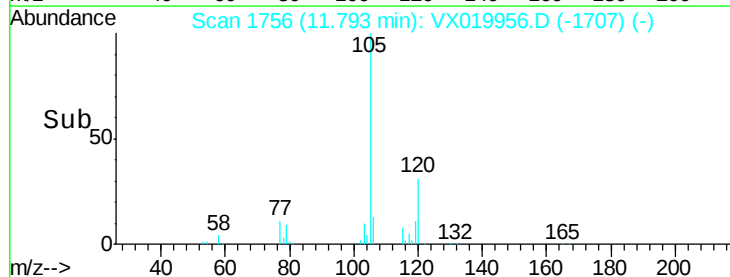
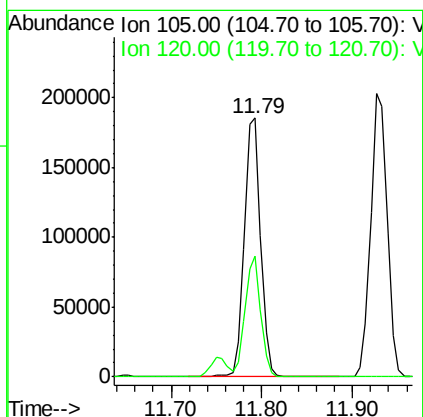
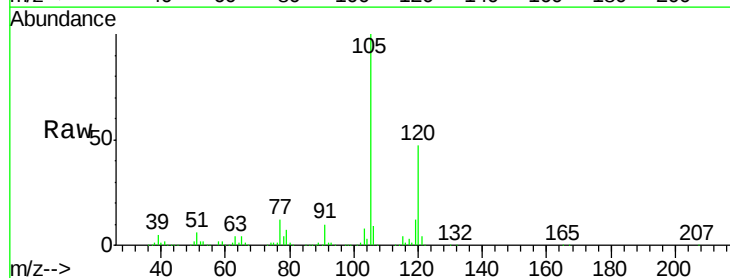
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

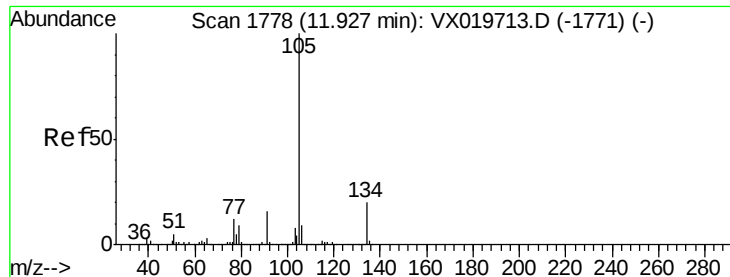
Tgt Ion:119 Resp: 219173
 Ion Ratio Lower Upper
 119 100
 91 58.3 27.9 83.7
 134 23.4 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.700 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion:105 Resp: 231472
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

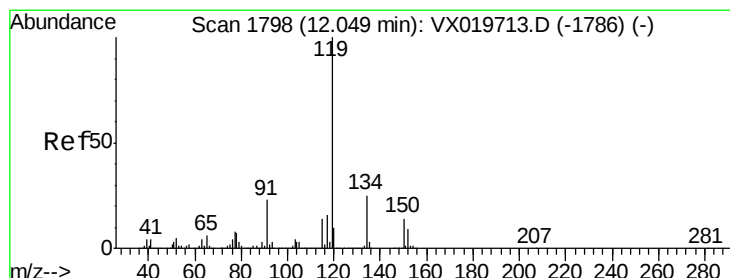
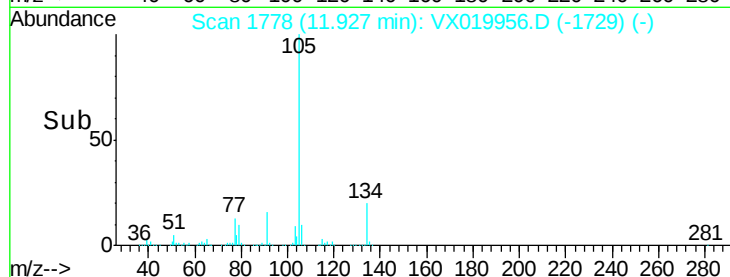
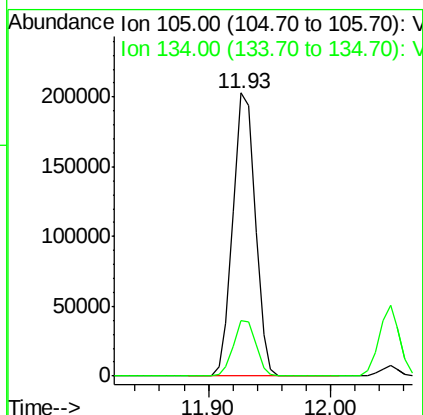
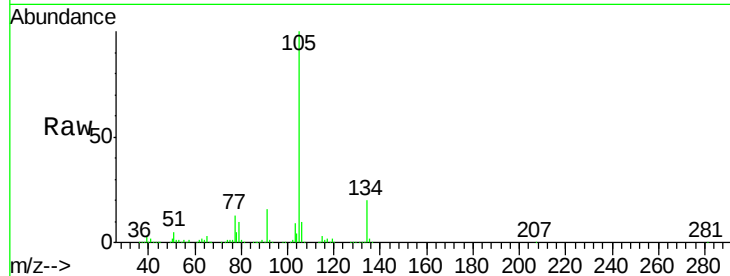




#85
 sec-Butylbenzene
 Concen: 20.588 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

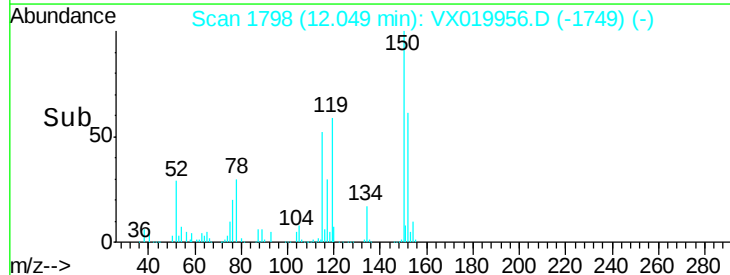
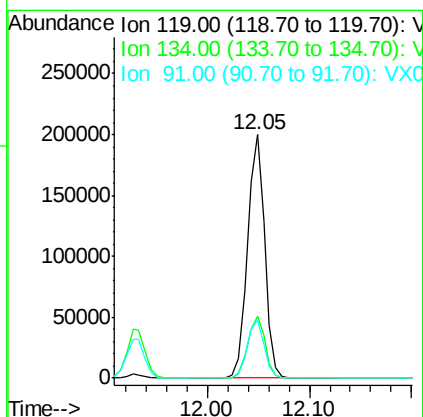
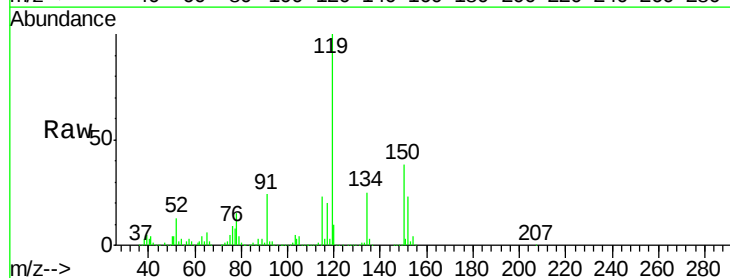
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

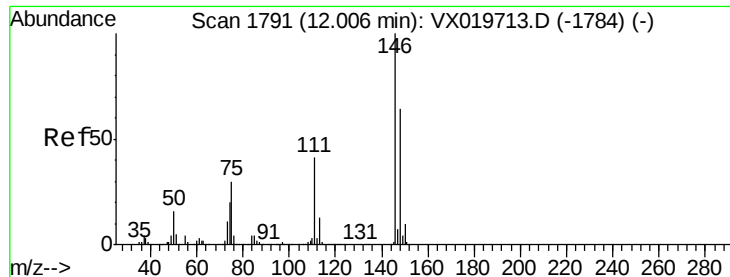
Tgt Ion:105 Resp: 255907
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.353 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion:119 Resp: 231862
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 23.9 11.7 35.0

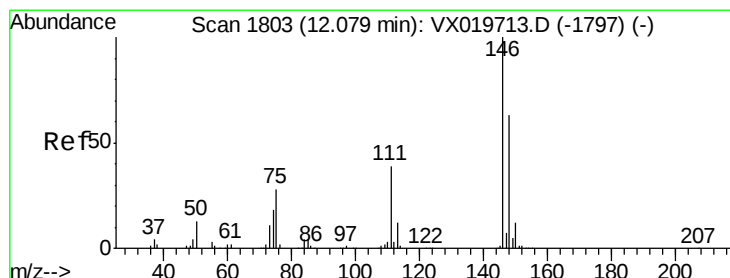
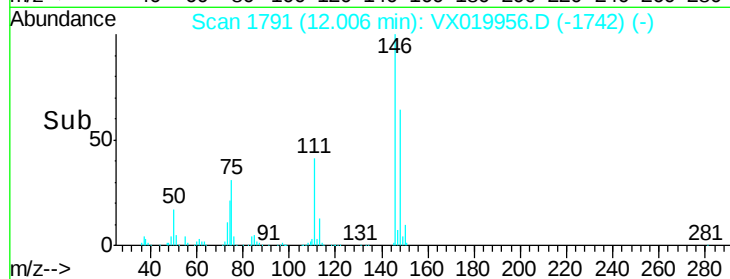
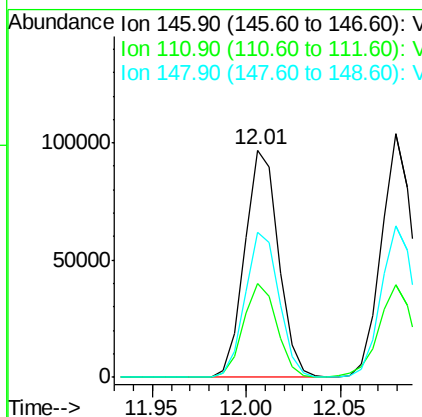
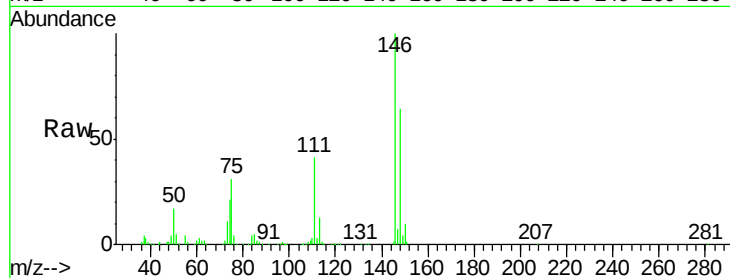




#87
 1,3-Dichlorobenzene
 Concen: 19.524 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

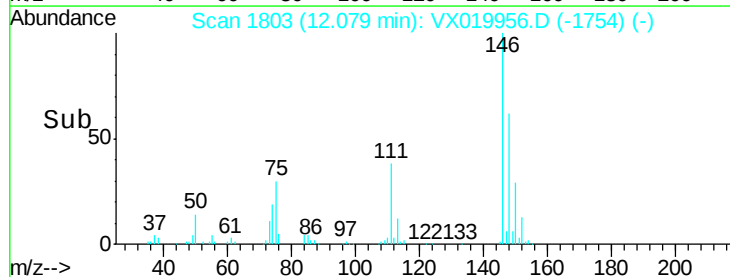
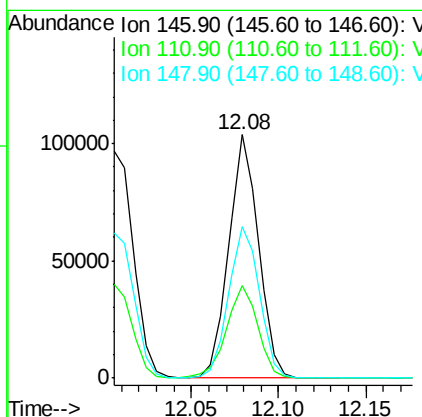
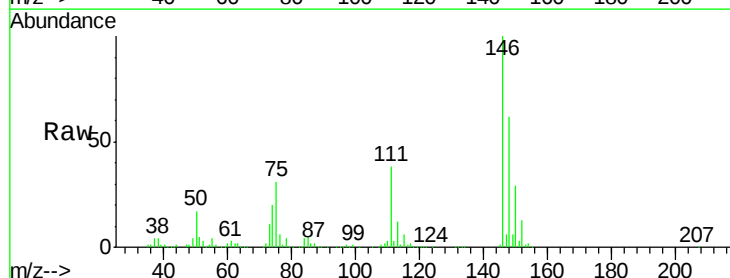
Instrument :
 MSVOA_X
 ClientSampled :
 VX1212WBS02

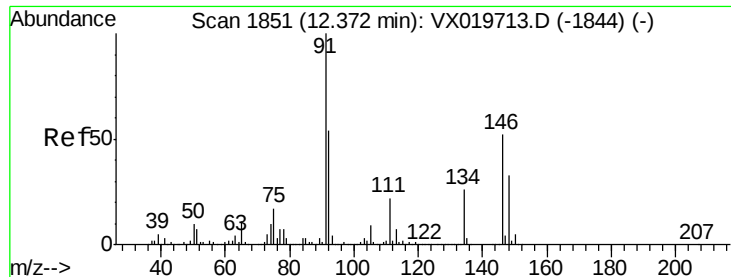
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.5
148	64.2	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.9	31.6	95.0

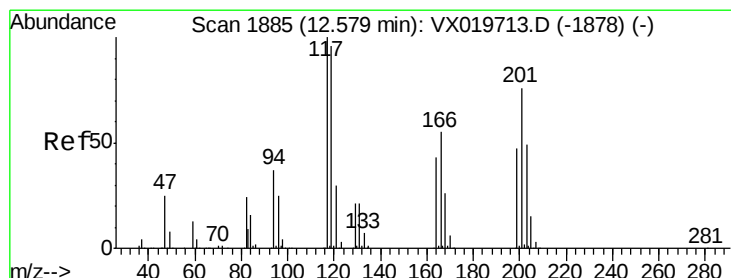
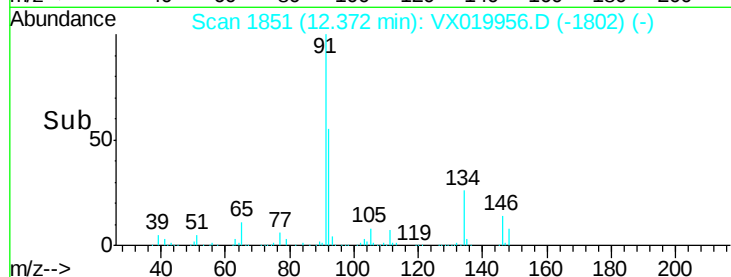
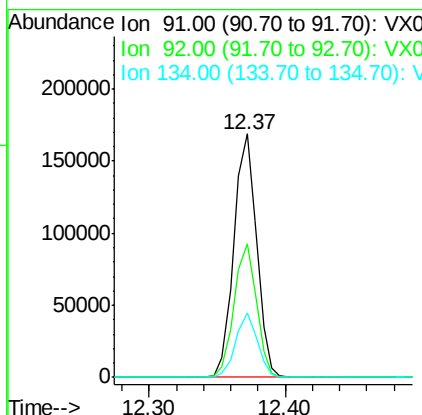
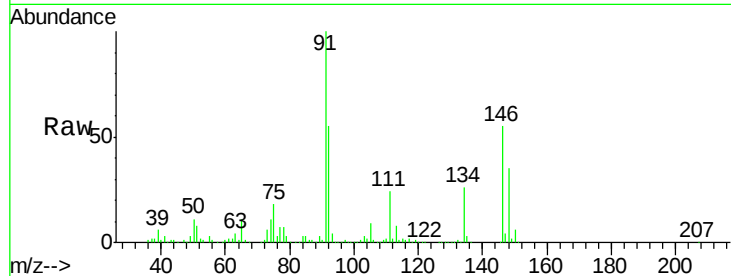




#89
n-Butylbenzene
Concen: 19.462 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

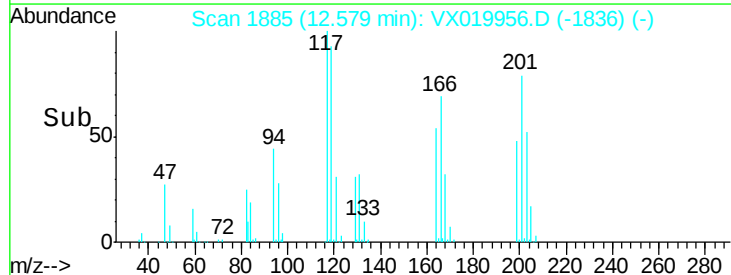
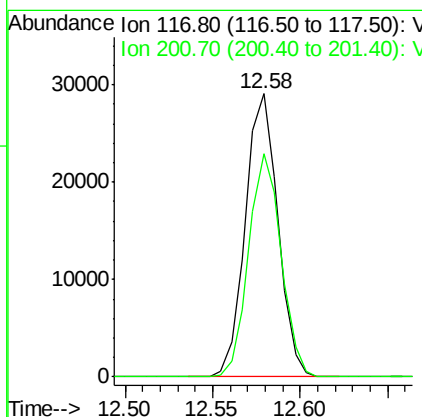
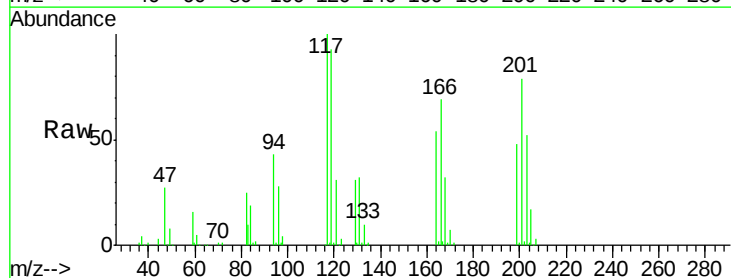
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

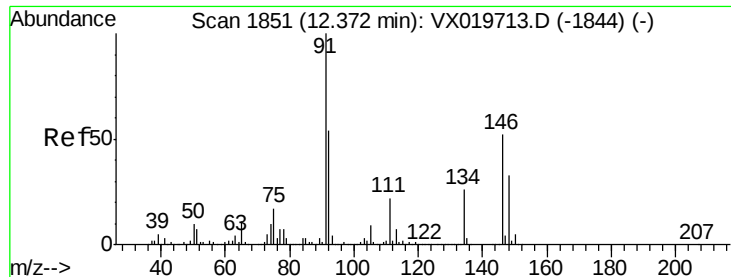
Tgt Ion: 91 Resp: 196430
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 25.3 13.2 39.5



#90
Hexachloroethane
Concen: 19.146 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion: 117 Resp: 37655
Ion Ratio Lower Upper
117 100
201 78.6 40.4 121.2

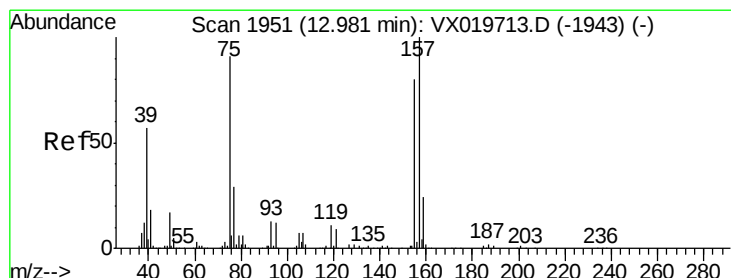
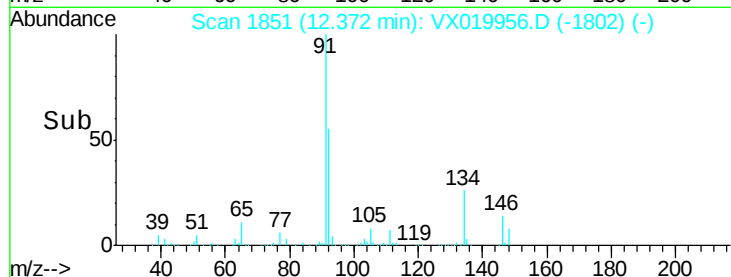
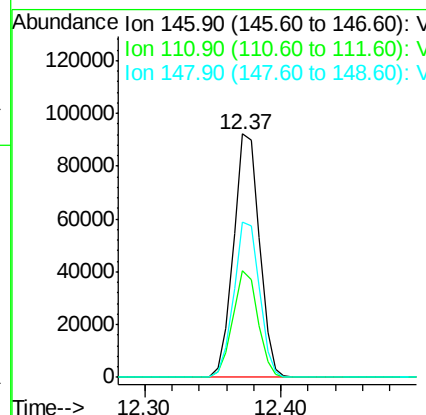
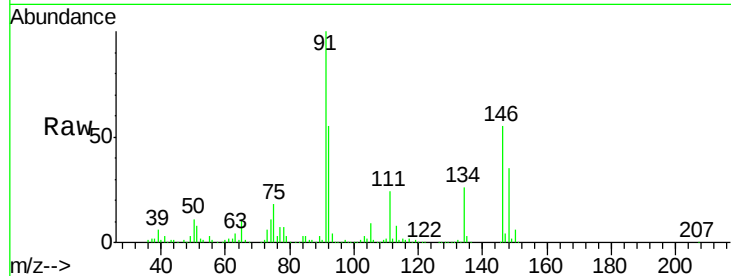




#91
 1,2-Dichlorobenzene
 Concen: 20.275 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

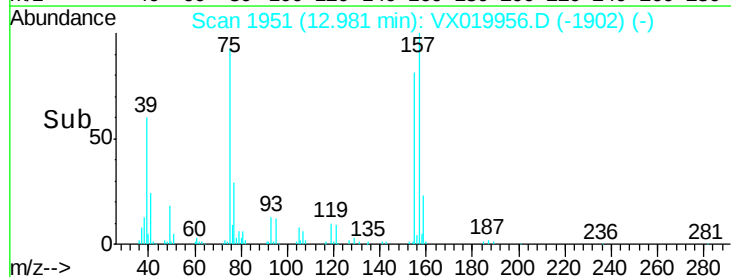
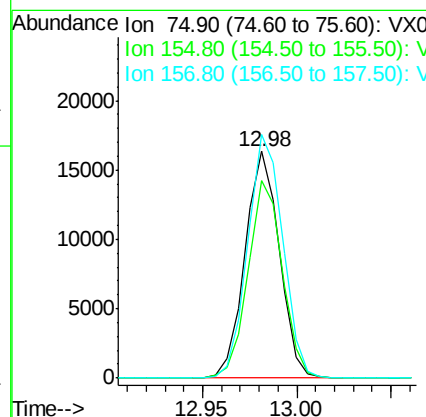
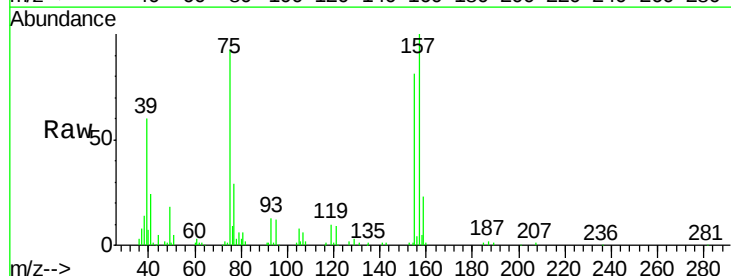
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

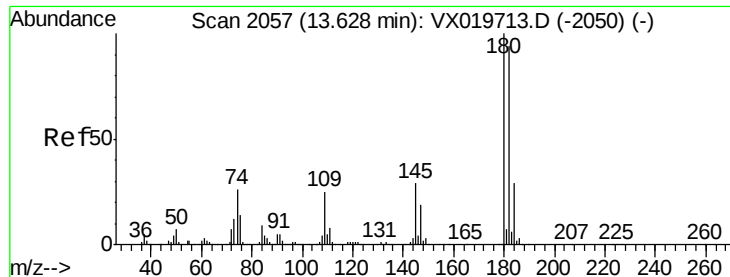
Tgt Ion: 146 Resp: 122106
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.2
 148 63.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.690 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion: 75 Resp: 20626
 Ion Ratio Lower Upper
 75 100
 155 86.5 45.3 135.9
 157 109.8 57.7 173.1

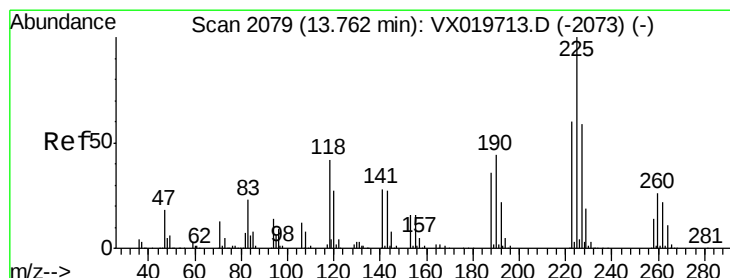
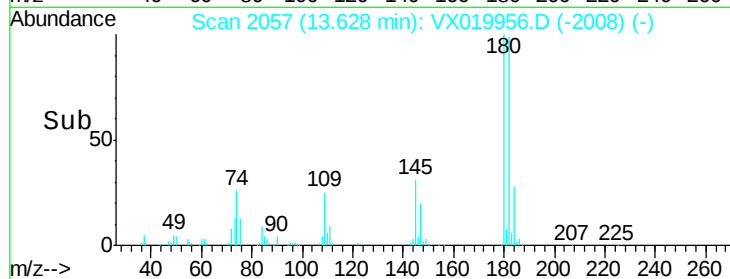
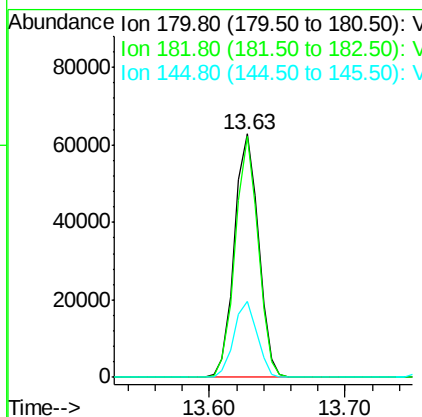
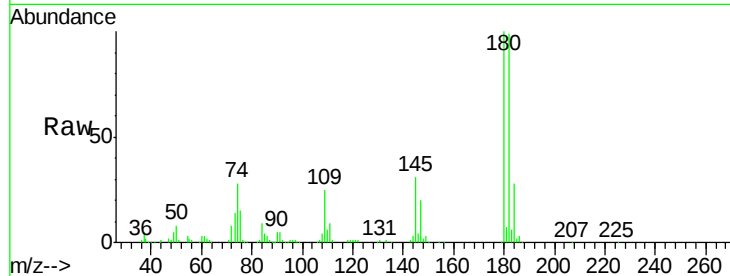




#93
 1,2,4-Trichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

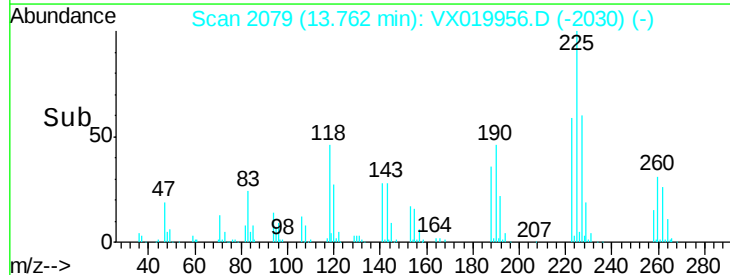
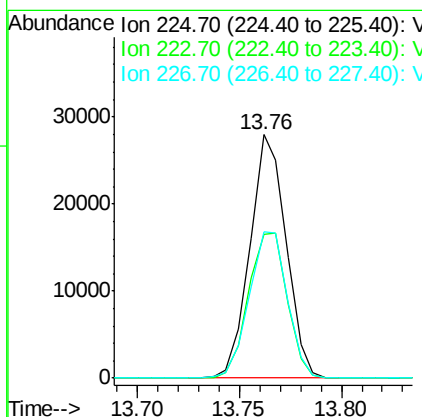
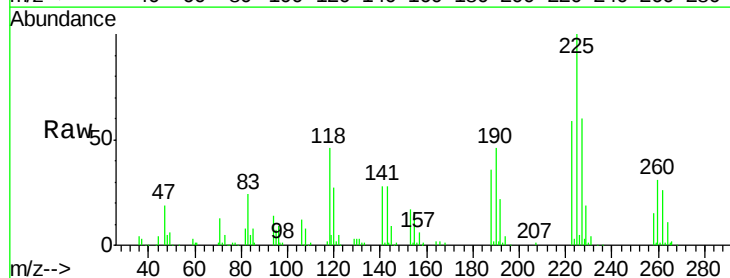
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

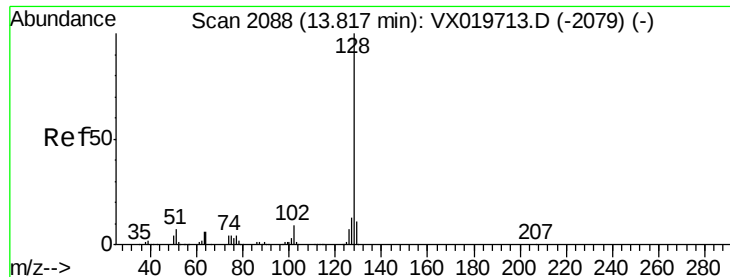
Tgt Ion:180 Resp: 77663
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 30.3 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.630 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019956.D
 Acq: 13 Dec 2020 01:19

Tgt Ion:225 Resp: 34395
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.2
 227 63.5 31.6 95.0

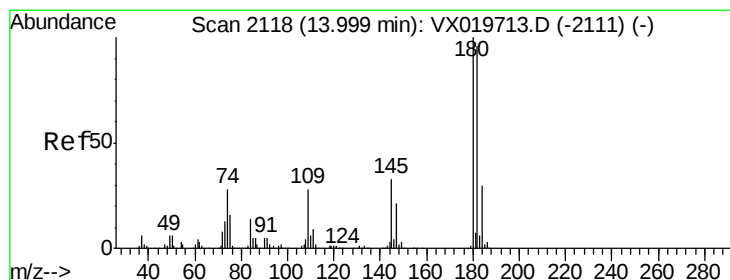
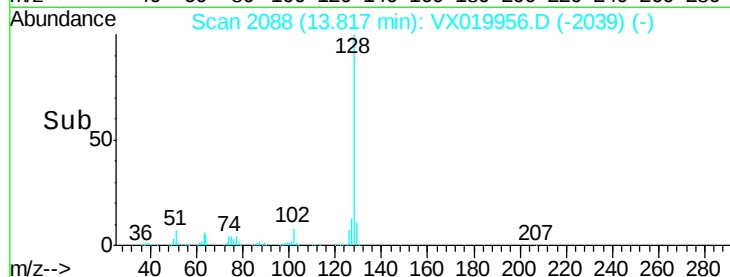
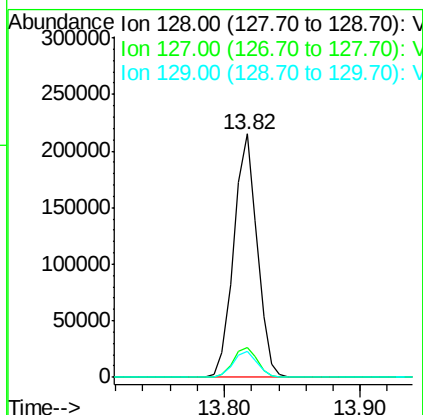
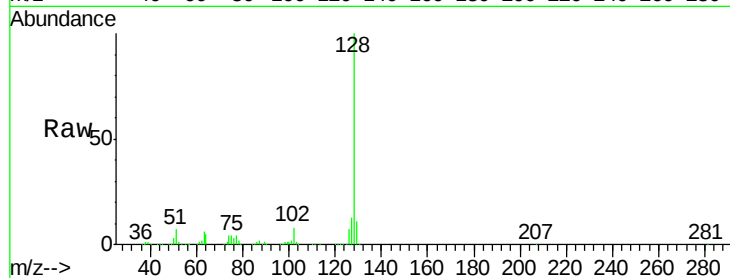




#95
Naphthalene
Concen: 20.219 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS02

Tgt Ion:128 Resp: 256980
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.152 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019956.D
Acq: 13 Dec 2020 01:19

Tgt Ion:180 Resp: 77209
Ion Ratio Lower Upper
180 100
182 97.4 47.6 142.9
145 32.4 16.1 48.3

