

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020035.D
 Acq On : 16 Dec 2020 01:05
 Operator : JC/MD
 Sample : VX1215WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

Quant Time: Dec 16 01:41:16 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	249208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	425229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	388146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189020	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	167173	51.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.08%	
35) Dibromofluoromethane		5.46	113	134681	49.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.02%	
50) Toluene-d8		8.70	98	511148	48.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.44%	
62) 4-Bromofluorobenzene		11.12	95	190057	47.59	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	39645	17.376	ug/l	97
3) Chloromethane	1.31	50	44944	16.750	ug/l	99
4) Vinyl Chloride	1.39	62	53291	18.835	ug/l	99
5) Bromomethane	1.62	94	24195	25.755	ug/l	96
6) Chloroethane	1.71	64	35342	20.794	ug/l	99
7) Trichlorofluoromethane	1.92	101	74867	19.001	ug/l	100
8) Diethyl Ether	2.17	74	33085	19.814	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42842	18.969	ug/l	97
10) Methyl Iodide	2.49	142	42224	12.684	ug/l	98
11) Tert butyl alcohol	3.01	59	75428	110.560	ug/l	98
12) 1,1-Dichloroethene	2.36	96	42533	18.628	ug/l	92
13) Acrolein	2.27	56	21664	59.923	ug/l	98
14) Allyl chloride	2.70	41	75527	19.585	ug/l	96
15) Acrylonitrile	3.11	53	162757	109.920	ug/l	100
16) Acetone	2.42	43	131247	106.608	ug/l	100
17) Carbon Disulfide	2.55	76	102923	15.710	ug/l	99
18) Methyl Acetate	2.75	43	71499	23.733	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173073	20.814	ug/l	98
20) Methylene Chloride	2.83	84	58500	19.960	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	51261	19.257	ug/l	99
22) Diisopropyl ether	3.82	45	170374	21.852	ug/l	94
23) Vinyl Acetate	3.78	43	701502	105.608	ug/l	100
24) 1,1-Dichloroethane	3.67	63	99132	21.084	ug/l	99
25) 2-Butanone	4.63	43	206791	109.313	ug/l	98
26) 2,2-Dichloropropane	4.55	77	66232	16.358	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	62156	19.952	ug/l	99
28) Bromochloromethane	4.98	49	46174	20.601	ug/l	96
29) Tetrahydrofuran	5.09	42	130295	106.903	ug/l	99
30) Chloroform	5.17	83	102830	21.270	ug/l	96
31) Cyclohexane	5.54	56	75428	18.513	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	84481	20.292	ug/l	99
36) 1,1-Dichloropropene	5.77	75	69945	18.203	ug/l	99
37) Ethyl Acetate	4.79	43	79358	20.455	ug/l	99
38) Carbon Tetrachloride	5.76	117	69398	18.443	ug/l	98

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1215WBSD02

Quant Time: Dec 16 01:41:16 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	75797	16.790	ug/l	98
40) Benzene	6.11	78	225955	19.250	ug/l	99
41) Methacrylonitrile	5.00	41	44035	20.673	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80055	19.962	ug/l	100
43) Isopropyl Acetate	6.41	43	123011	19.502	ug/l	99
44) Trichloroethene	7.18	130	54514	17.701	ug/l	94
45) 1,2-Dichloropropane	7.49	63	58581	19.969	ug/l	96
46) Dibromomethane	7.63	93	38545	19.457	ug/l	100
47) Bromodichloromethane	7.87	83	76093	19.357	ug/l	98
48) Methyl methacrylate	7.74	41	61445	19.807	ug/l	98
49) 1,4-Dioxane	7.71	88	29528	392.933	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	405317	105.251	ug/l	99
52) Toluene	8.76	92	138462	18.861	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	79767	18.285	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87544	18.472	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	60612	20.488	ug/l	98
56) Ethyl methacrylate	9.16	69	86289	19.278	ug/l	99
57) 1,3-Dichloropropane	9.35	76	100777	19.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	239574	101.035	ug/l	99
59) 2-Hexanone	9.47	43	304895	102.142	ug/l	98
60) Dibromochloromethane	9.56	129	58313	19.401	ug/l	99
61) 1,2-Dibromoethane	9.65	107	61023	19.425	ug/l	99
64) Tetrachloroethene	9.32	164	49404	18.980	ug/l	98
65) Chlorobenzene	10.12	112	146694	18.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55671	20.002	ug/l	99
67) Ethyl Benzene	10.23	91	258937	18.864	ug/l	99
68) m/p-Xylenes	10.34	106	193326	37.377	ug/l	99
69) o-Xylene	10.68	106	93152	18.722	ug/l	99
70) Styrene	10.70	104	159072	18.942	ug/l	100
71) Bromoform	10.84	173	41039	18.743	ug/l #	100
73) Isopropylbenzene	11.00	105	254249	19.688	ug/l	100
74) N-amyl acetate	10.88	43	100094	19.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	95062	20.879	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	101747	24.000	ug/l	88
77) Bromobenzene	11.24	156	64379	19.481	ug/l	99
78) n-propylbenzene	11.34	91	281889	19.112	ug/l	99
79) 2-Chlorotoluene	11.40	91	178878	19.694	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	211343	19.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24817	16.923	ug/l	92
82) 4-Chlorotoluene	11.49	91	203833	19.161	ug/l	98
83) tert-Butylbenzene	11.76	119	204706	19.151	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	214431	19.532	ug/l	98
85) sec-Butylbenzene	11.93	105	234989	19.255	ug/l	99
86) p-Isopropyltoluene	12.05	119	213542	19.092	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	112426	18.535	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115867	18.755	ug/l	99
89) n-Butylbenzene	12.37	91	177811	17.944	ug/l	98
90) Hexachloroethane	12.58	117	35502	18.386	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	113988	19.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20138	20.575	ug/l	92

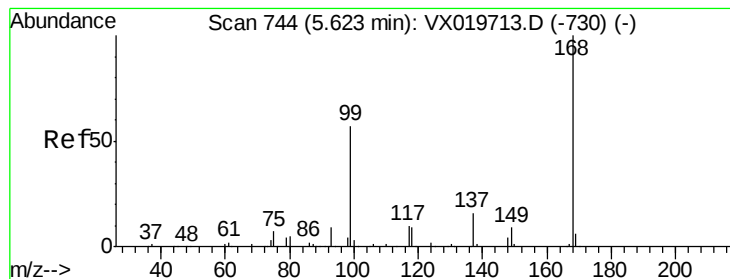
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
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ClientSampleId :
VX1215WBSD02

Quant Time: Dec 16 01:41:16 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	69657	18.098	ug/l	99
94) Hexachlorobutadiene	13.76	225	32040	18.625	ug/l	99
95) Naphthalene	13.82	128	244005	19.554	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	74066	19.690	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: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

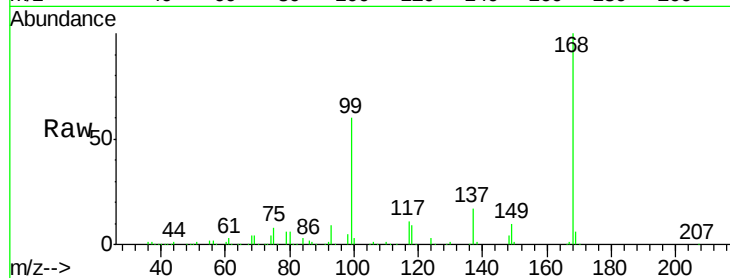
VX1215WBSD02

Tgt Ion:168 Resp: 249208

Ion Ratio Lower Upper

168 100

99 59.6 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

80000

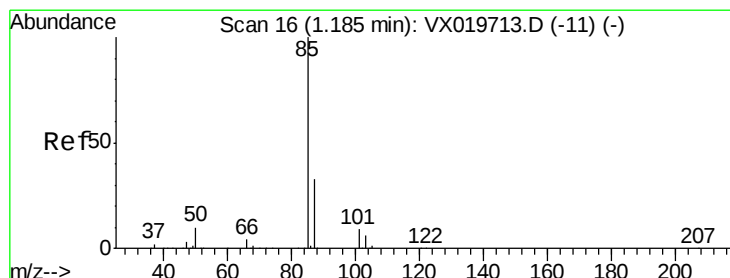
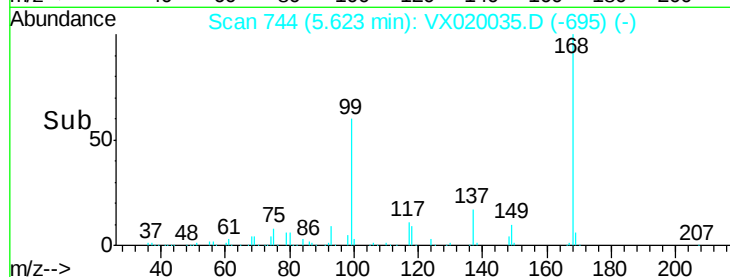
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.376 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020035.D

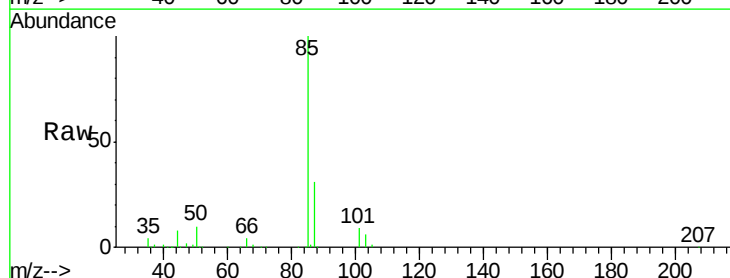
Acq: 16 Dec 2020 01:05

Tgt Ion: 85 Resp: 39645

Ion Ratio Lower Upper

85 100

87 31.1 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

50000

40000

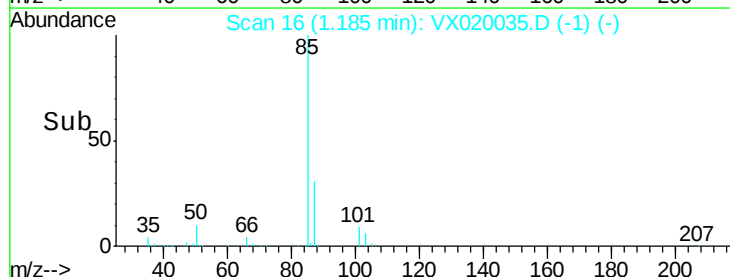
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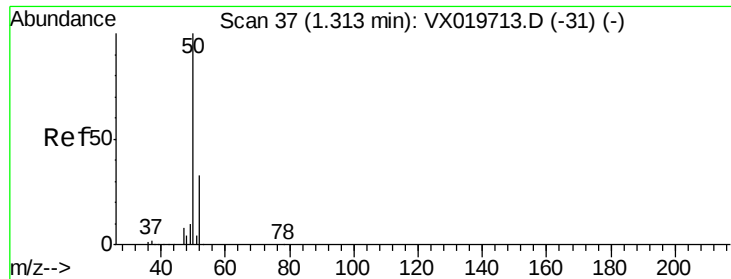
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10000

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Time-->





#3

Chloromethane

Concen: 16.750 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

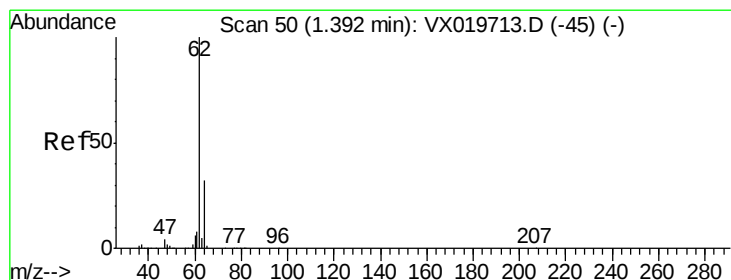
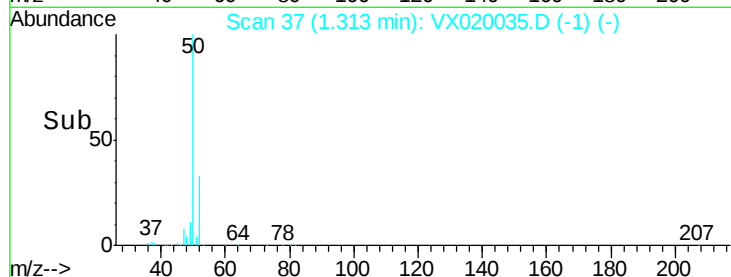
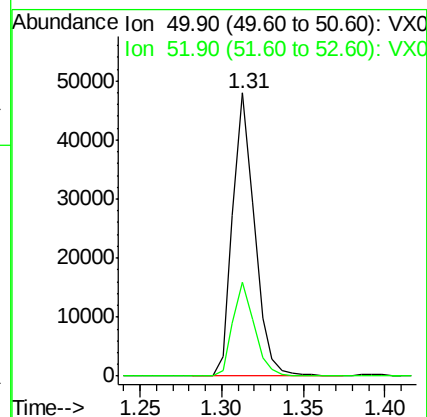
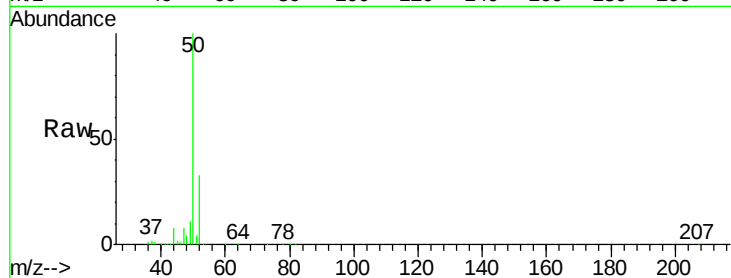
VX1215WBSD02

Tgt Ion: 50 Resp: 44944

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



#4

Vinyl Chloride

Concen: 18.835 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020035.D

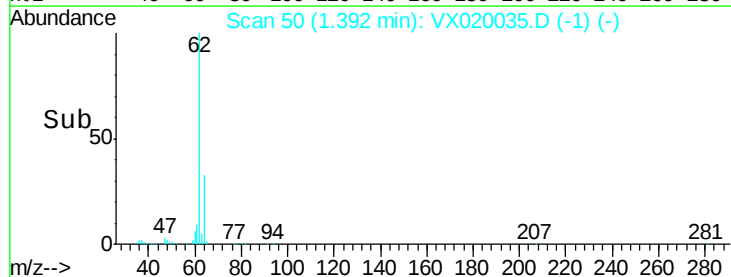
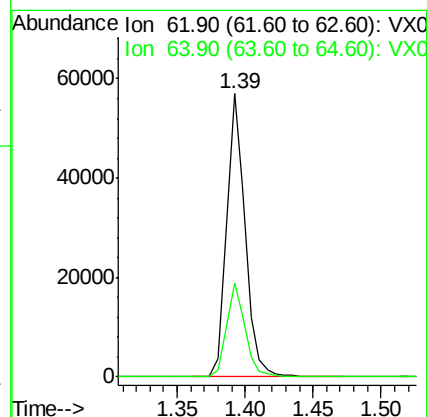
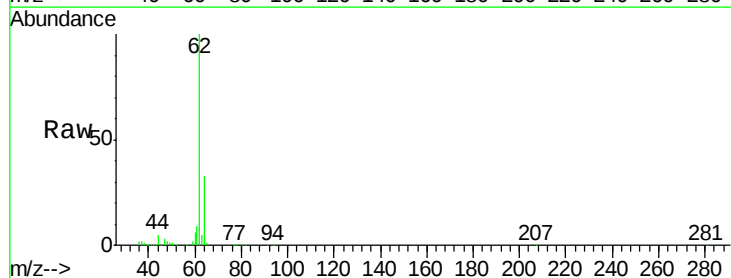
Acq: 16 Dec 2020 01:05

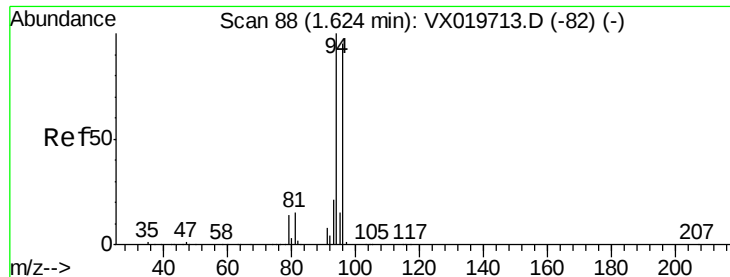
Tgt Ion: 62 Resp: 53291

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 25.755 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

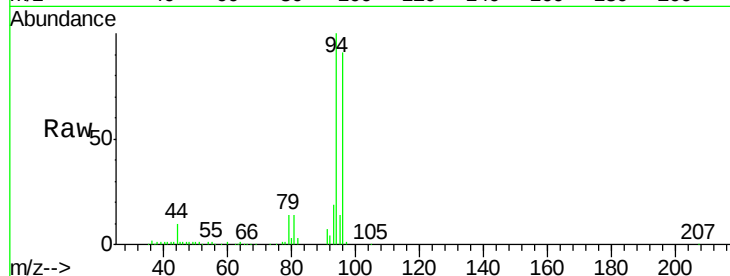
VX1215WBSD02

Tgt Ion: 94 Resp: 24195

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

1.62

25000

20000

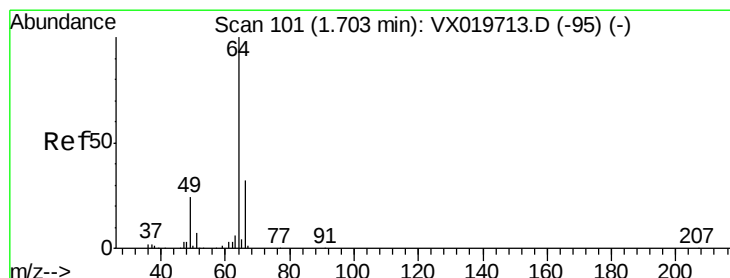
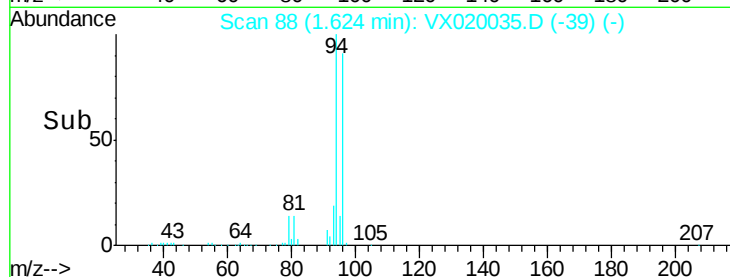
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.794 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX020035.D

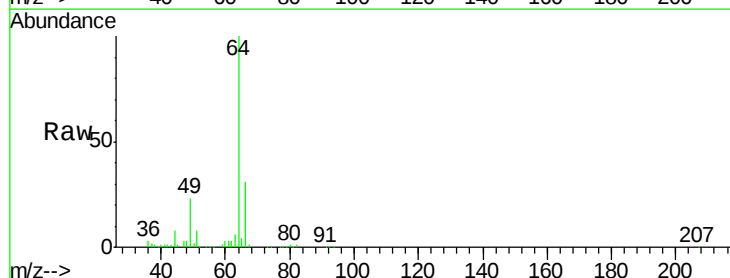
Acq: 16 Dec 2020 01:05

Tgt Ion: 64 Resp: 35342

Ion Ratio Lower Upper

64 100

66 31.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

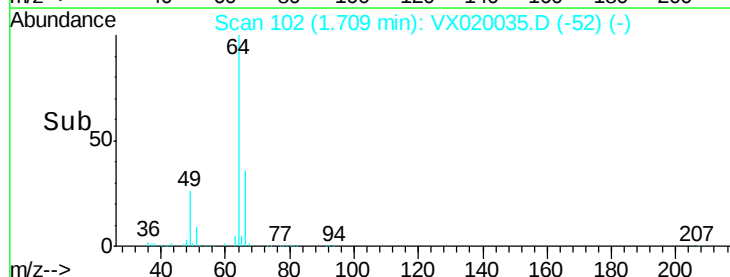
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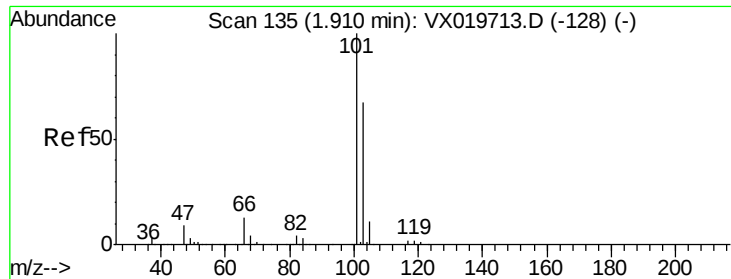
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Time-->



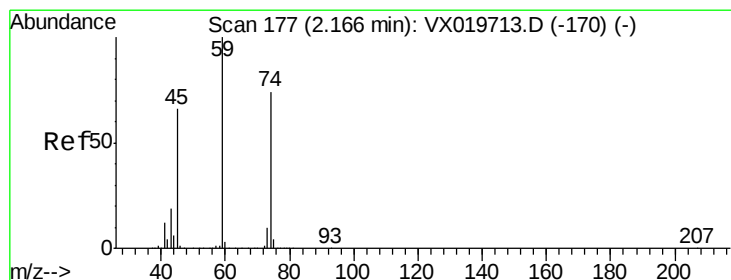
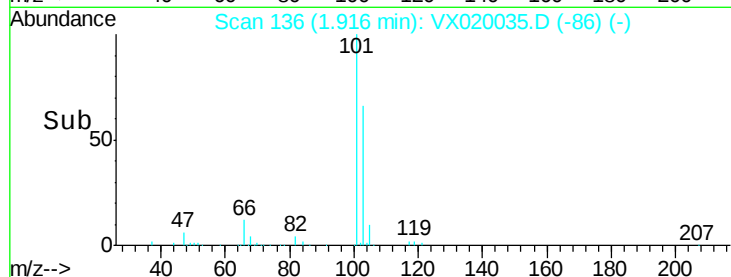
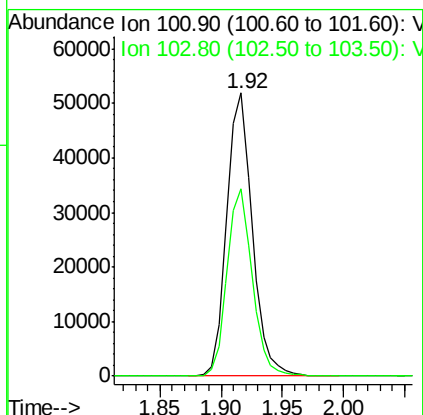
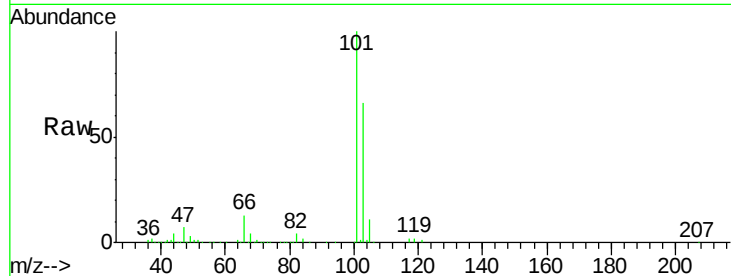


#7

Trichlorofluoromethane
Concen: 19.001 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

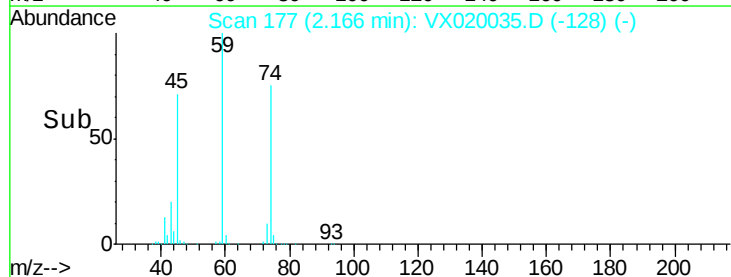
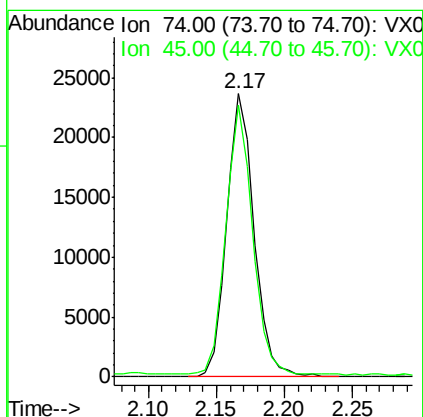
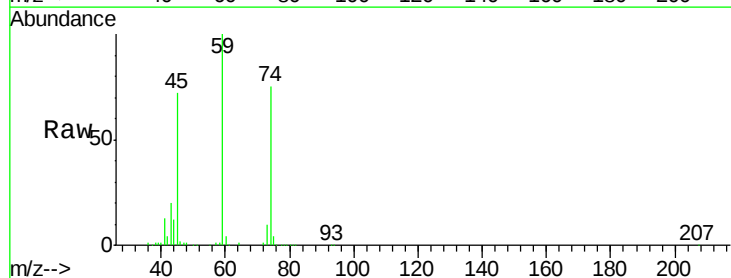
Tgt Ion:101 Resp: 74867
Ion Ratio Lower Upper
101 100
103 66.2 53.2 79.8

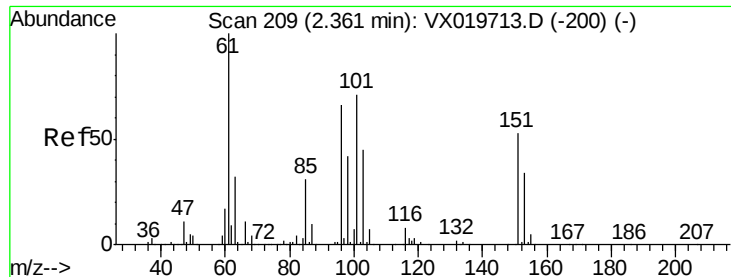


#8

Diethyl Ether
Concen: 19.814 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion: 74 Resp: 33085
Ion Ratio Lower Upper
74 100
45 93.8 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.969 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

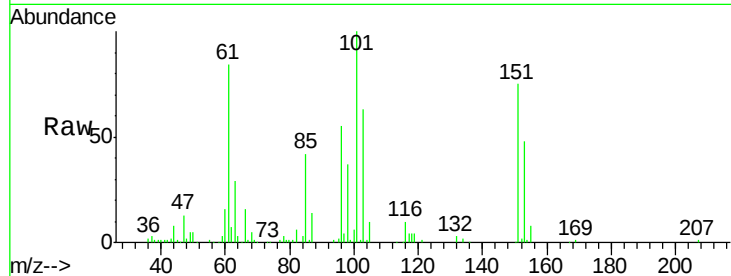
Tgt Ion:101 Resp: 42842

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

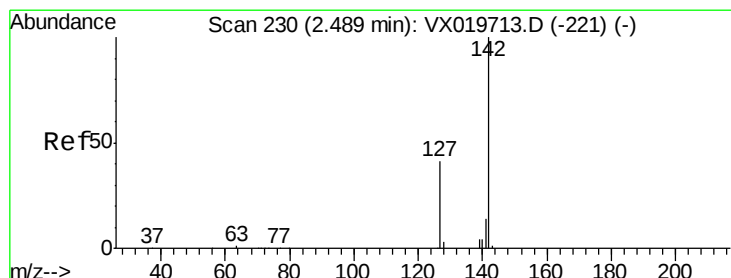
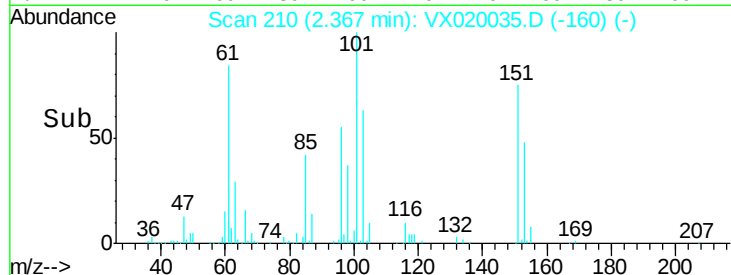
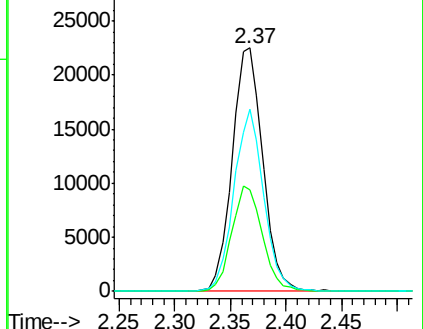
151 72.8 61.4 92.2



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: 12.684 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

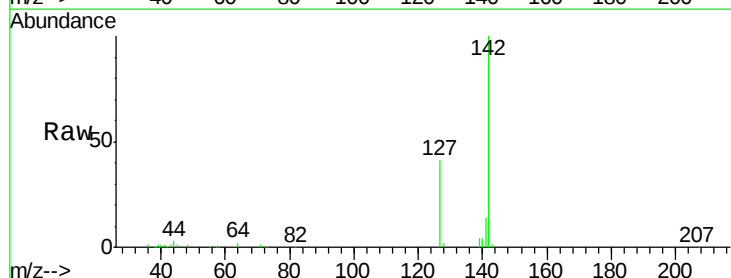
Tgt Ion:142 Resp: 42224

Ion Ratio Lower Upper

142 100

127 42.7 33.3 49.9

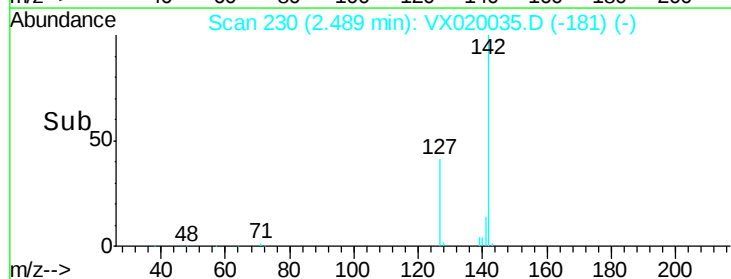
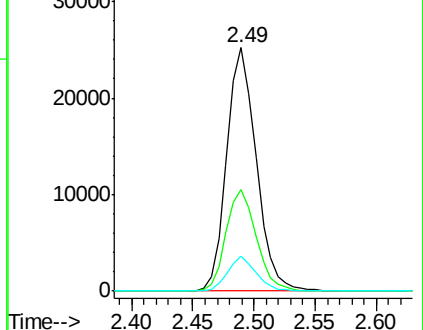
141 13.6 11.4 17.0

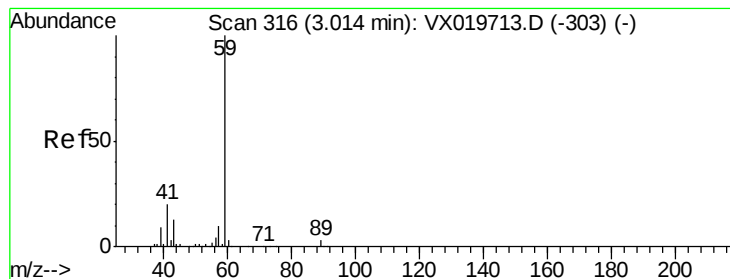


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



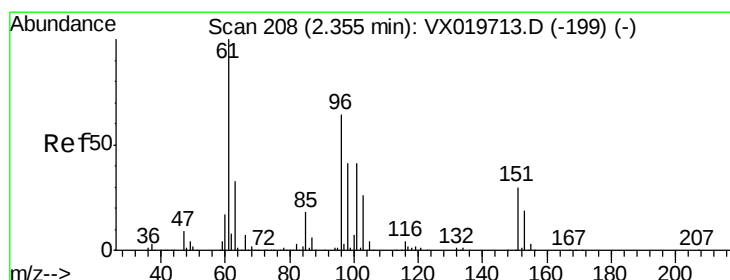
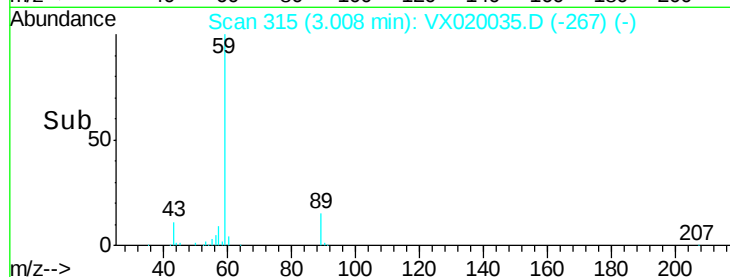
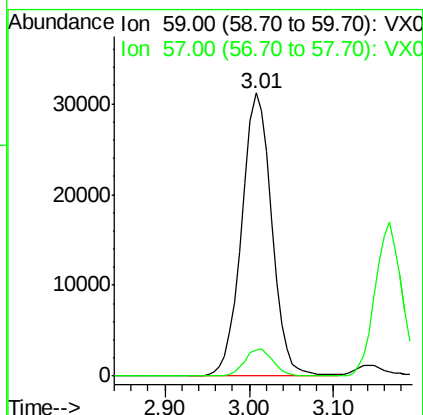
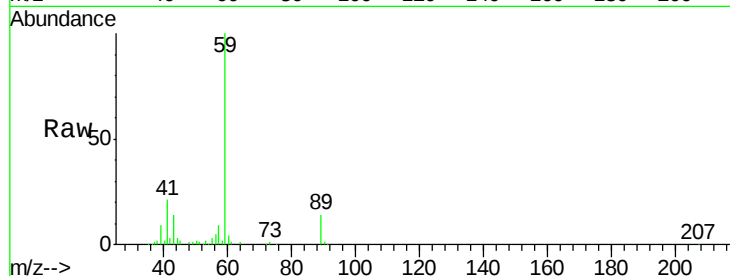


#11

Tert butyl alcohol
 Concen: 110.560 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

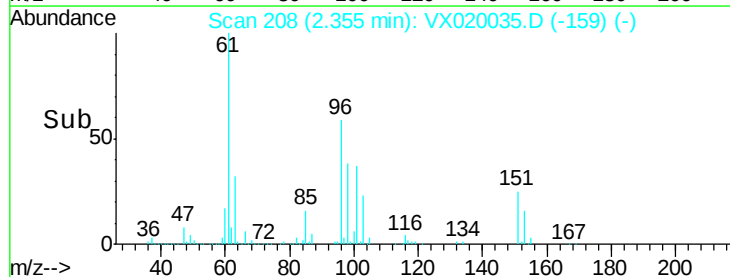
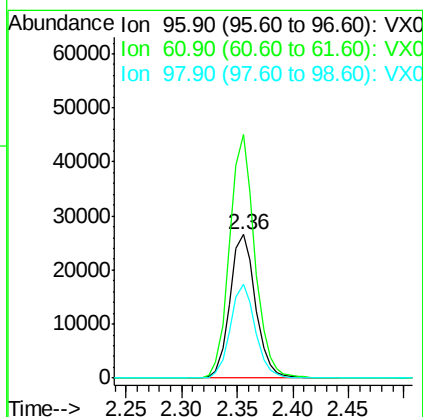
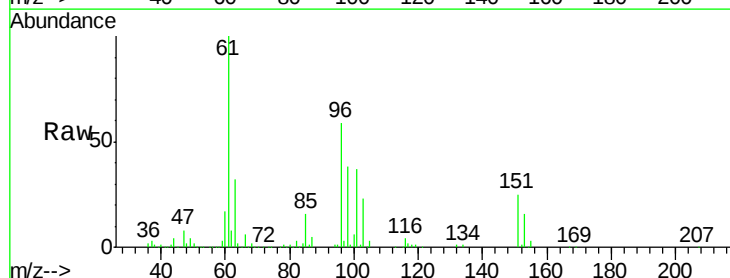
Tgt Ion: 59 Resp: 75428
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.8 11.8

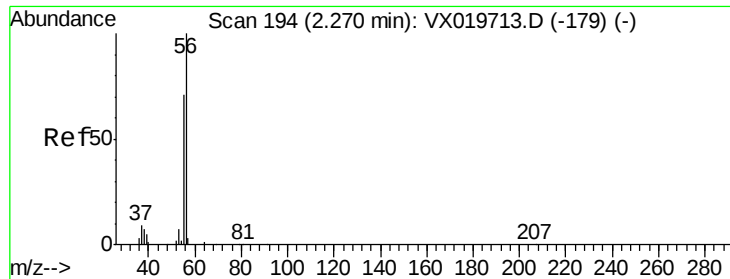


#12

1,1-Dichloroethene
 Concen: 18.628 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 96 Resp: 42533
 Ion Ratio Lower Upper
 96 100
 61 169.5 124.6 187.0
 98 65.2 50.6 76.0





#13

Acrolein

Concen: 59.923 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

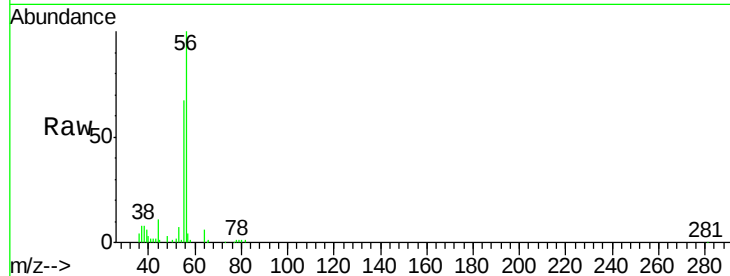
VX1215WBSD02

Tgt Ion: 56 Resp: 21664

Ion Ratio Lower Upper

56 100

55 68.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

15000

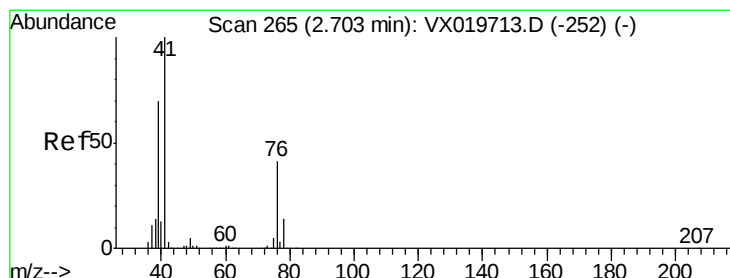
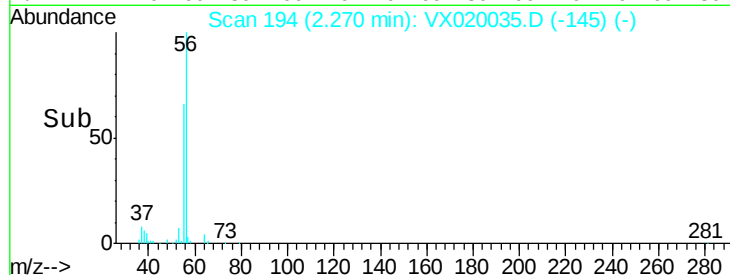
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 19.585 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

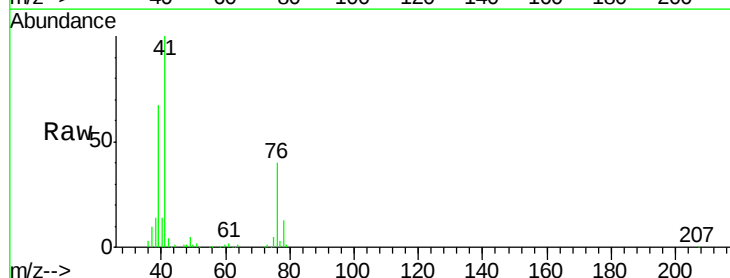
Tgt Ion: 41 Resp: 75527

Ion Ratio Lower Upper

41 100

39 61.6 51.6 77.4

76 35.7 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

80000

60000

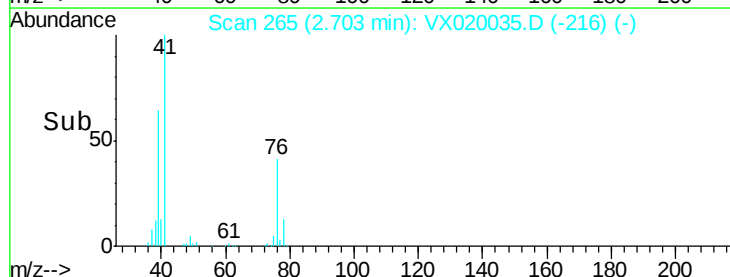
40000

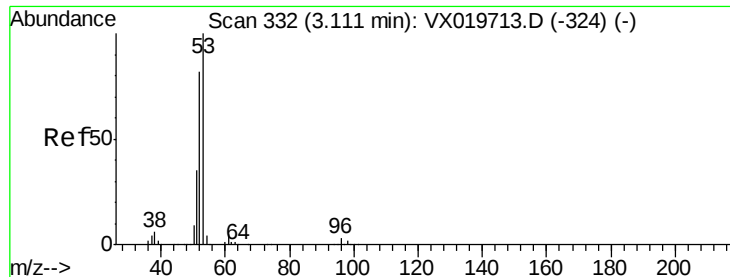
20000

0

Time-->

2.60 2.70 2.80

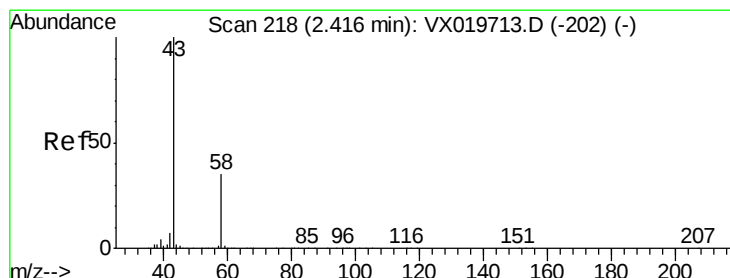
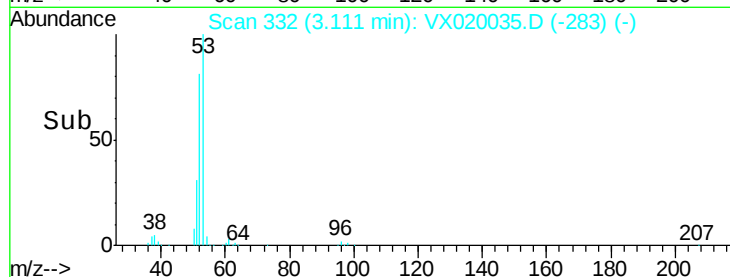
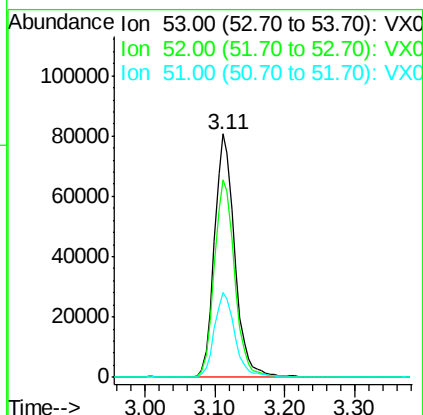
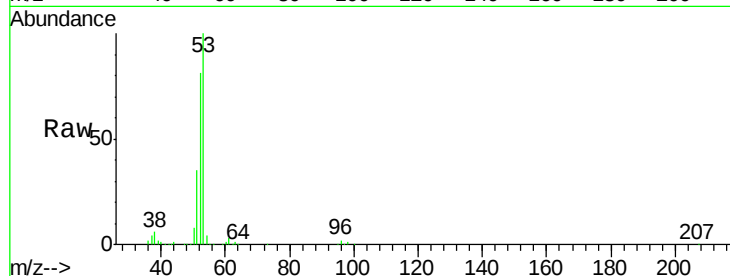




#15
 Acrylonitrile
 Concen: 109.920 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

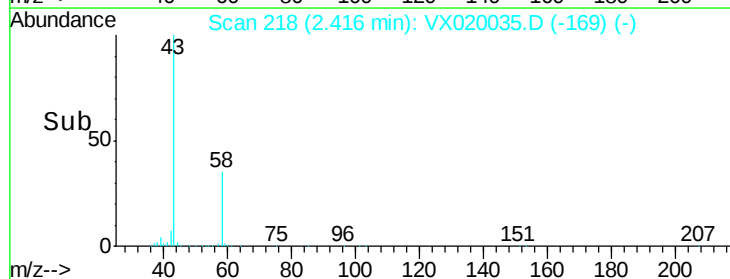
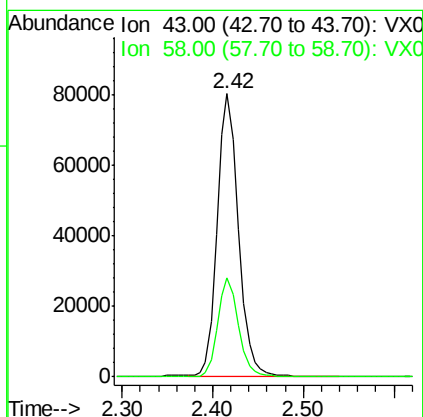
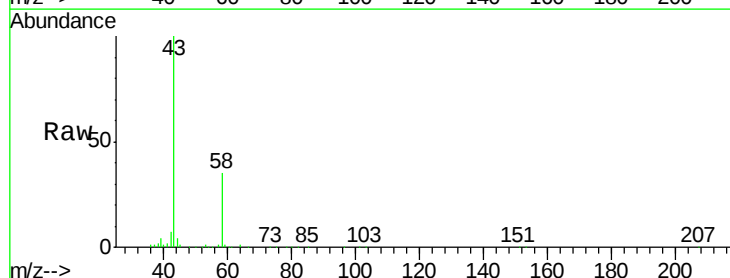
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

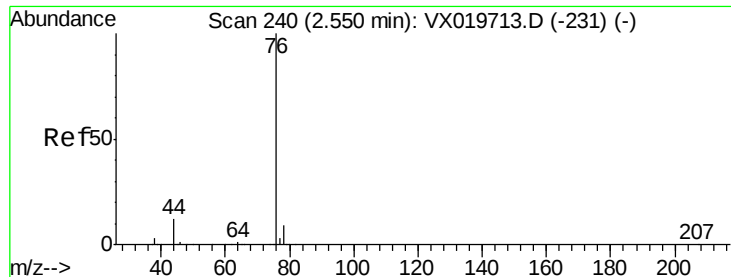
Tgt Ion: 53 Resp: 162757
 Ion Ratio Lower Upper
 53 100
 52 81.6 65.3 97.9
 51 35.4 28.2 42.2



#16
 Acetone
 Concen: 106.608 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 43 Resp: 131247
 Ion Ratio Lower Upper
 43 100
 58 35.0 27.8 41.8





#17

Carbon Disulfide

Concen: 15.710 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

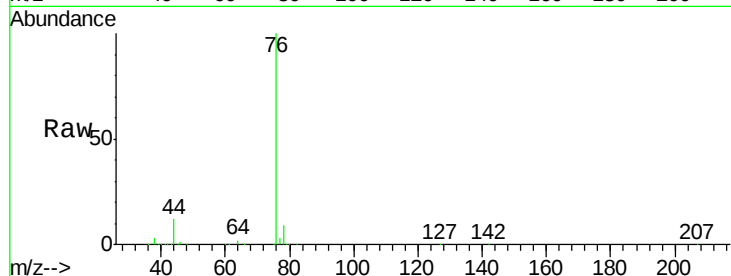
VX1215WBSD02

Tgt Ion: 76 Resp: 102923

Ion Ratio Lower Upper

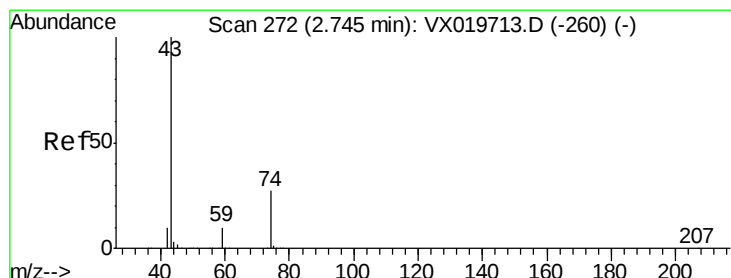
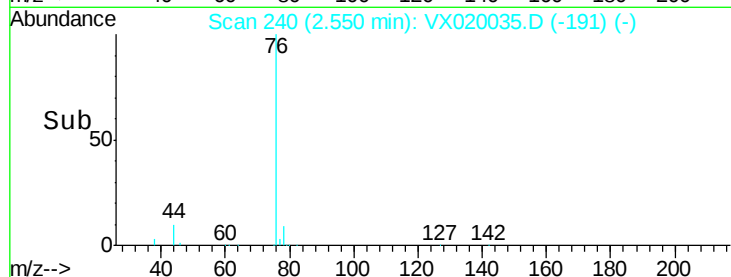
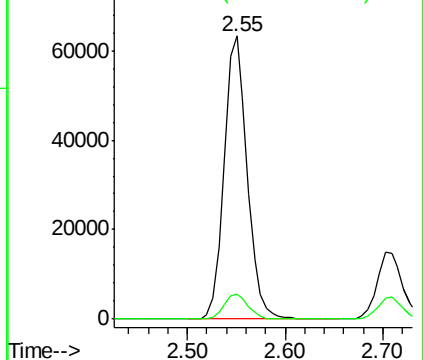
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.733 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX020035.D

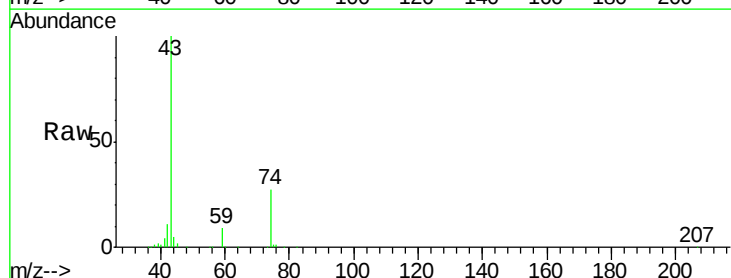
Acq: 16 Dec 2020 01:05

Tgt Ion: 43 Resp: 71499

Ion Ratio Lower Upper

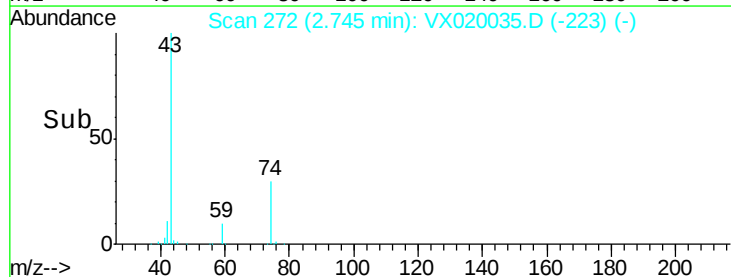
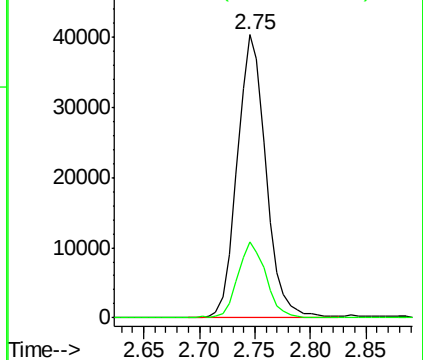
43 100

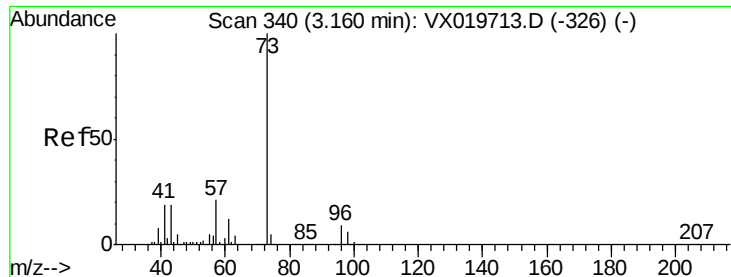
74 26.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

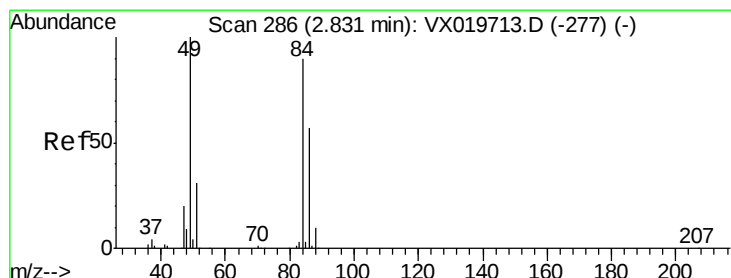
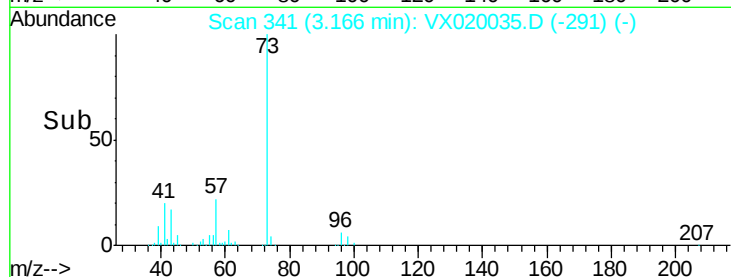
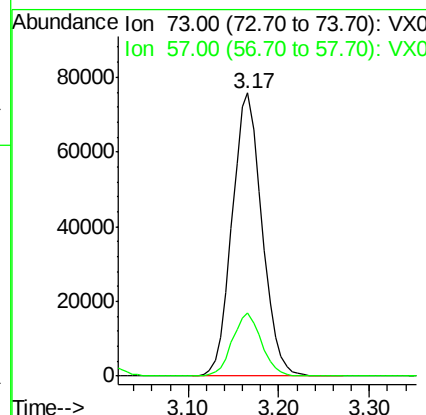
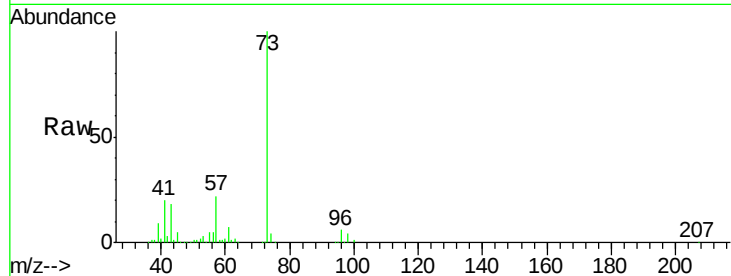




#19
Methyl tert-butyl Ether
Concen: 20.814 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

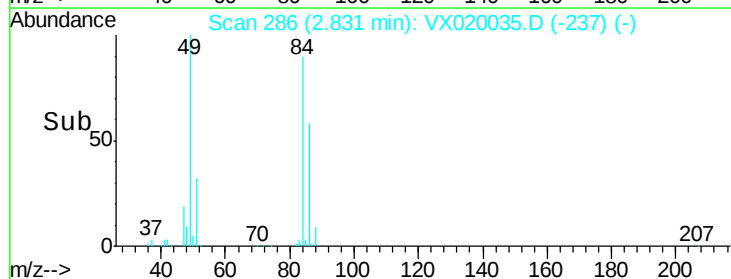
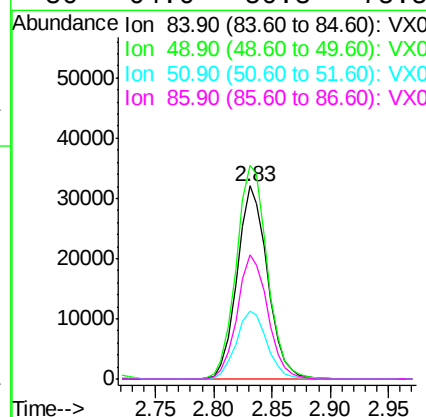
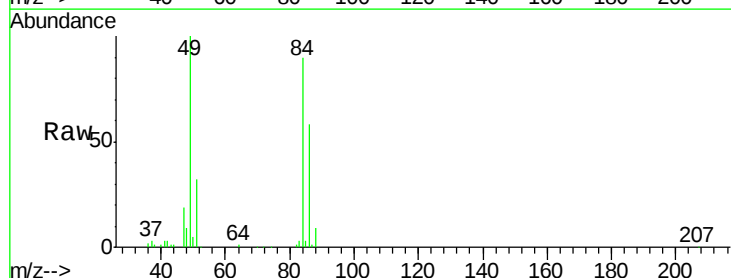
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

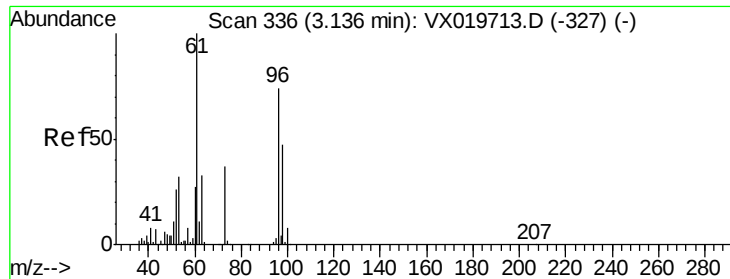
Tgt Ion: 73 Resp: 173073
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 19.960 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion: 84 Resp: 58500
Ion Ratio Lower Upper
84 100
49 110.8 88.6 132.8
51 35.5 27.0 40.6
86 64.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.257 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

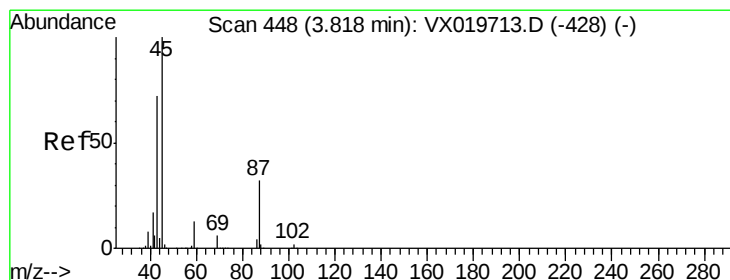
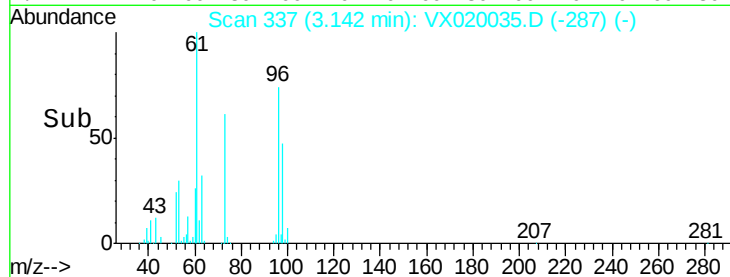
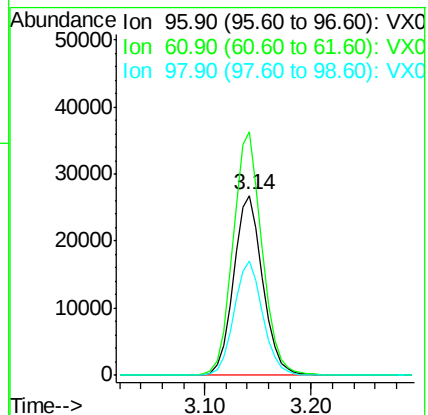
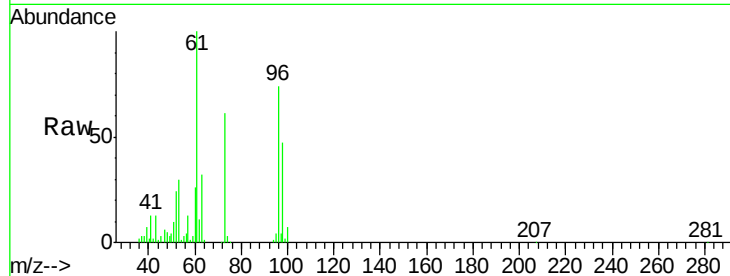
Tgt Ion: 96 Resp: 51261

Ion Ratio Lower Upper

96 100

61 135.3 107.7 161.5

98 63.3 50.4 75.6



#22

Diisopropyl ether

Concen: 21.852 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Tgt Ion: 45 Resp: 170374

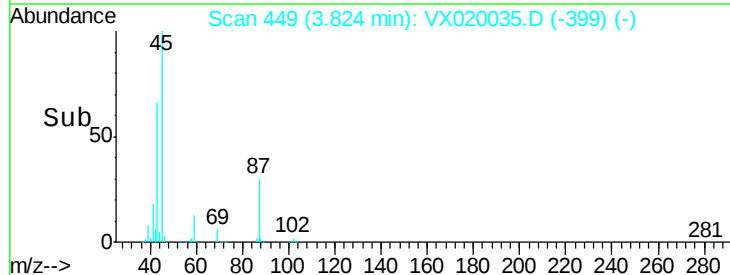
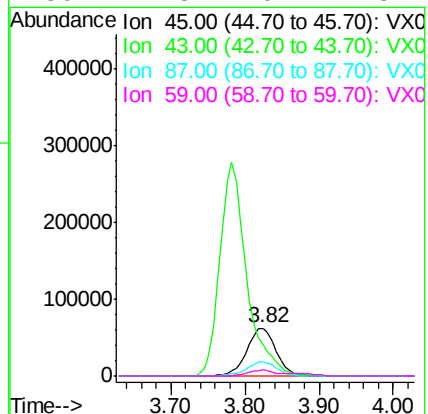
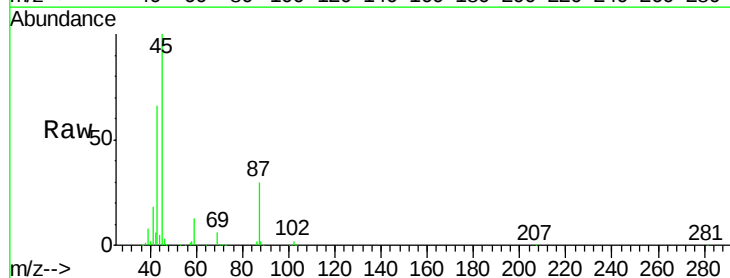
Ion Ratio Lower Upper

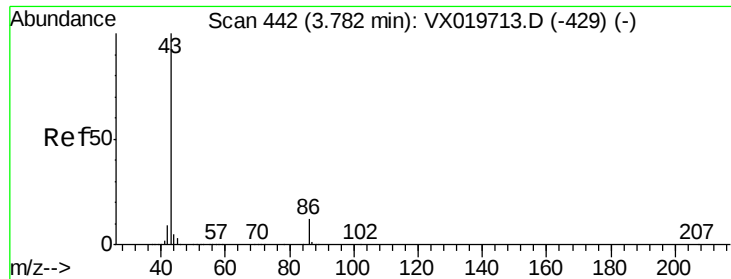
45 100

43 65.7 58.0 87.0

87 30.4 25.4 38.0

59 12.8 10.2 15.2





#23

Vinyl Acetate

Concen: 105.608 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

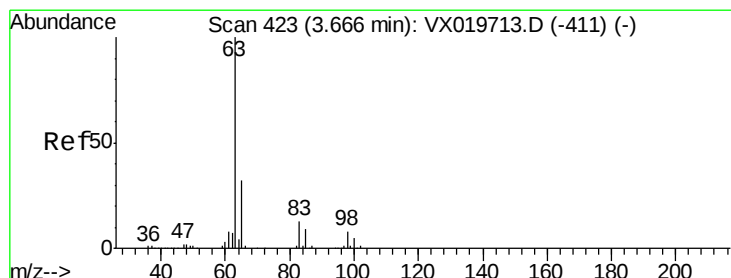
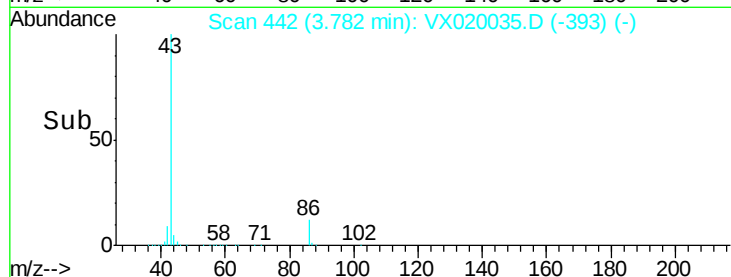
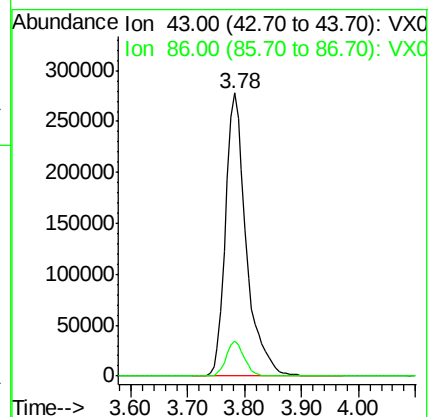
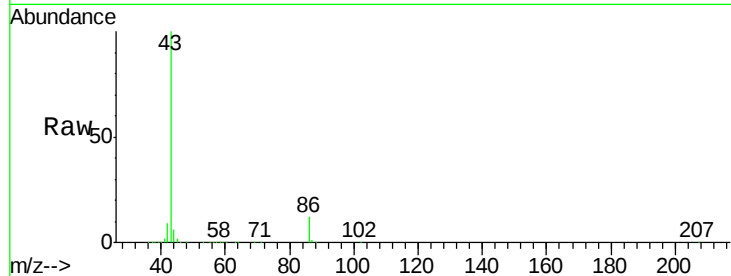
VX1215WBSD02

Tgt Ion: 43 Resp: 701502

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



#24

1,1-Dichloroethane

Concen: 21.084 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

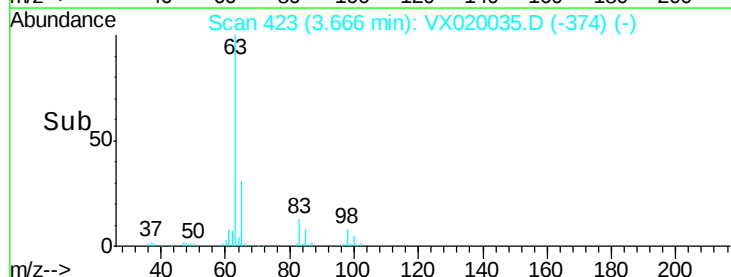
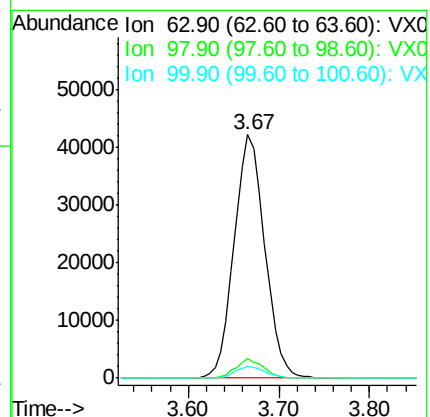
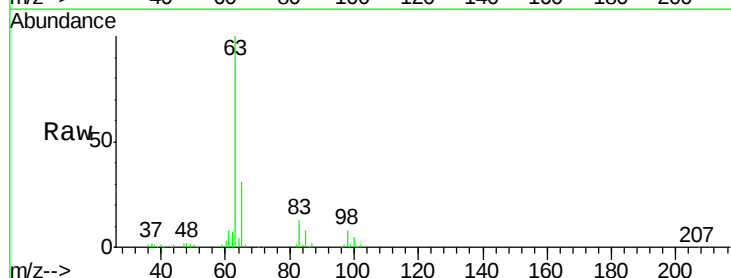
Tgt Ion: 63 Resp: 99132

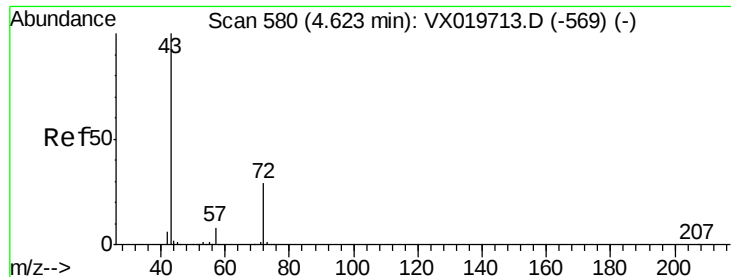
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 109.313 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

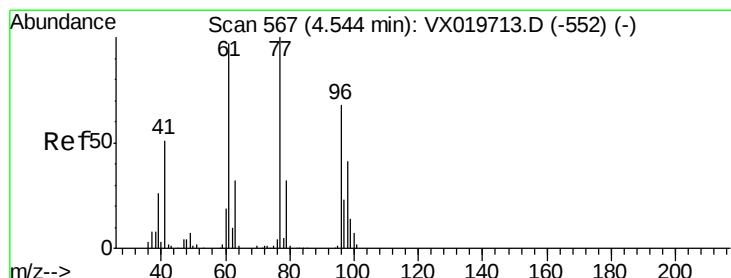
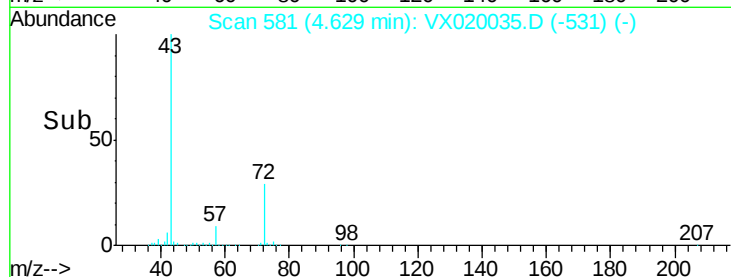
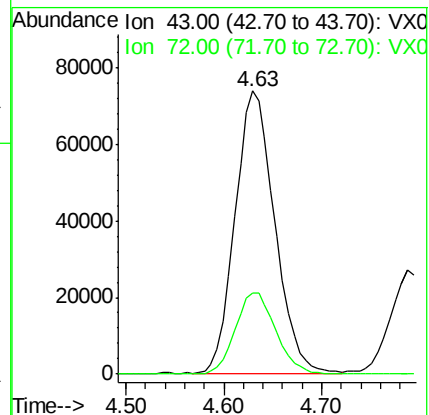
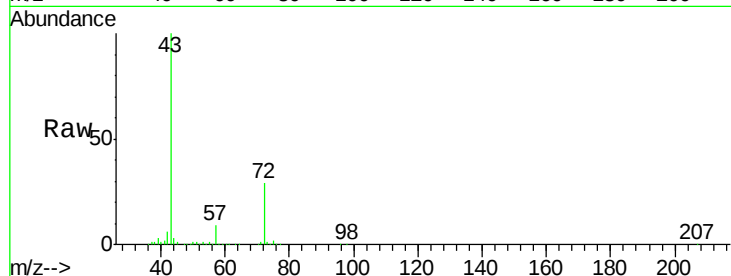
VX1215WBSD02

Tgt Ion: 43 Resp: 206791

Ion Ratio Lower Upper

43 100

72 28.6 23.7 35.5



#26

2,2-Dichloropropane

Concen: 16.358 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX020035.D

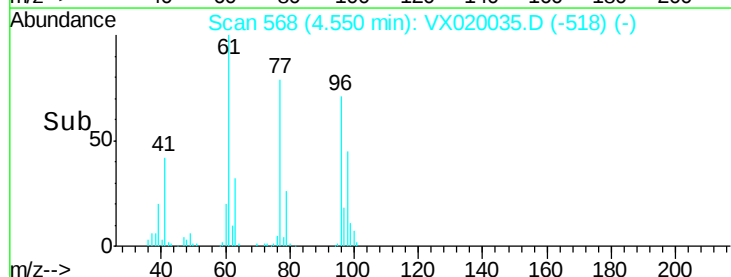
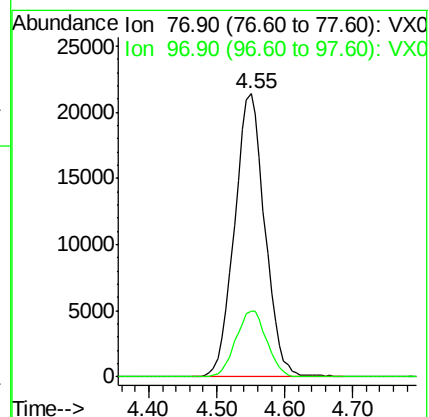
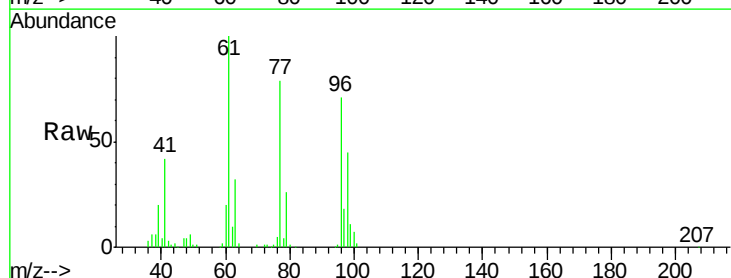
Acq: 16 Dec 2020 01:05

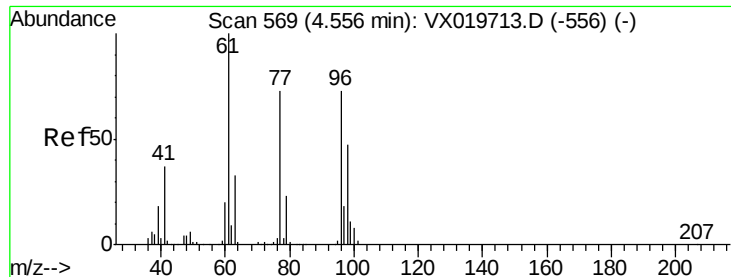
Tgt Ion: 77 Resp: 66232

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1



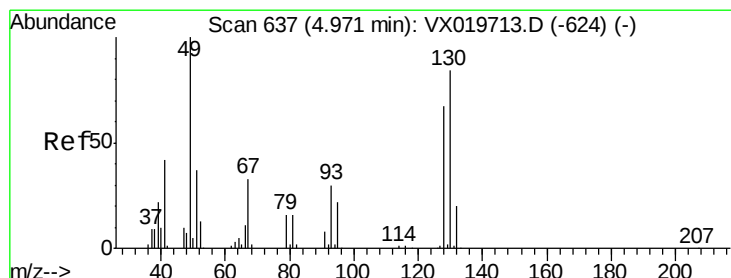
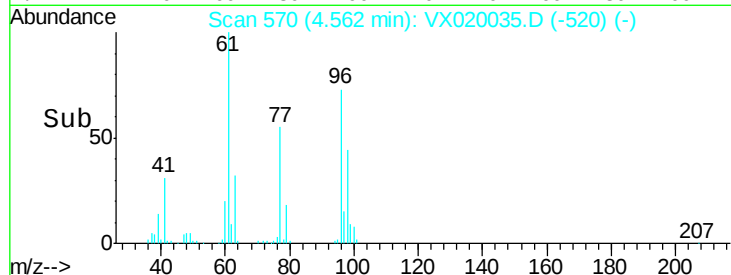
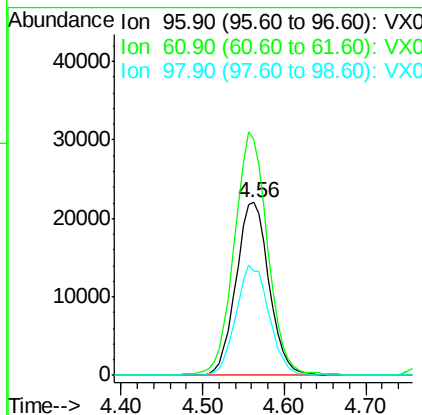
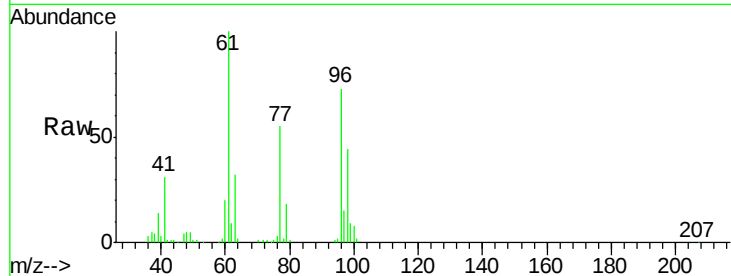


#27

cis-1,2-Dichloroethene
 Concen: 19.952 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

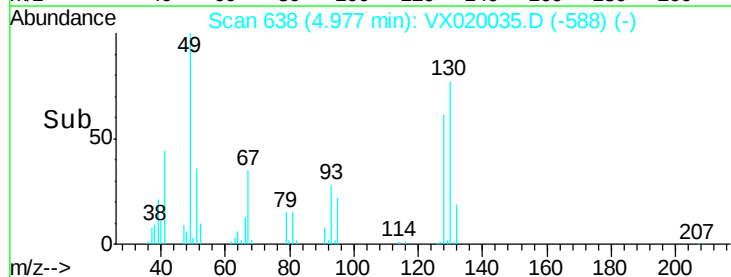
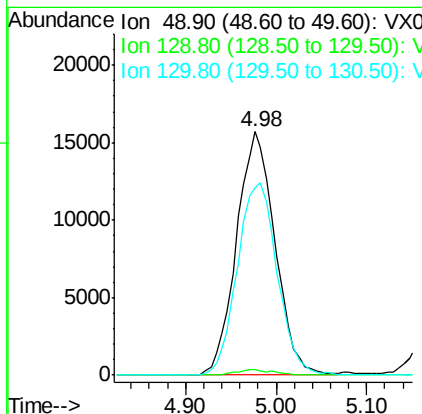
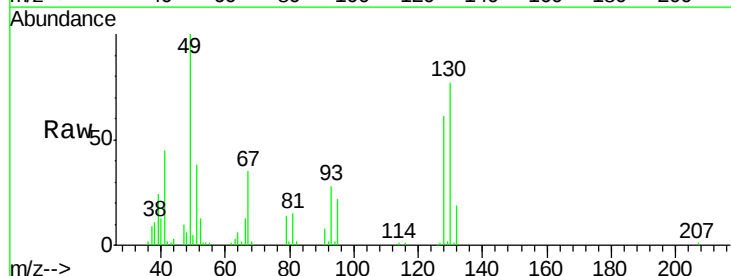
Tgt Ion: 96 Resp: 62156
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 285.6
 98 63.8 0.0 129.6

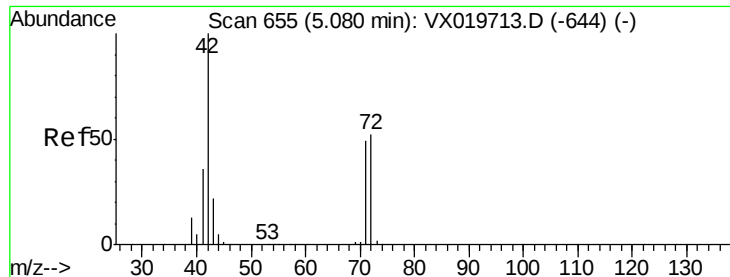


#28

Bromochloromethane
 Concen: 20.601 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 49 Resp: 46174
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.9 68.2 102.2





#29

Tetrahydrofuran

Concen: 106.903 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

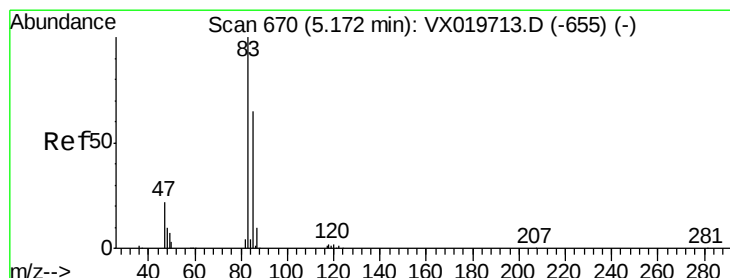
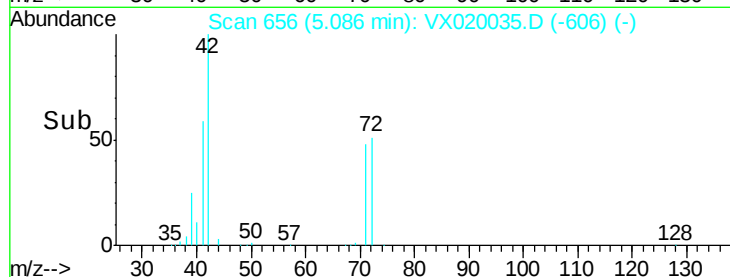
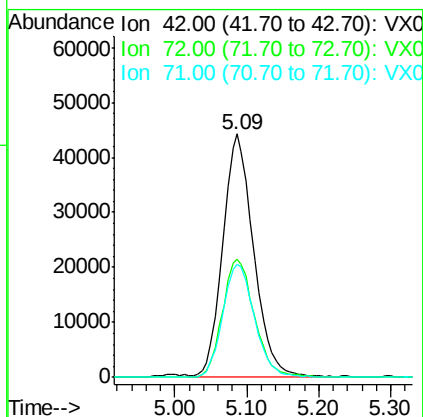
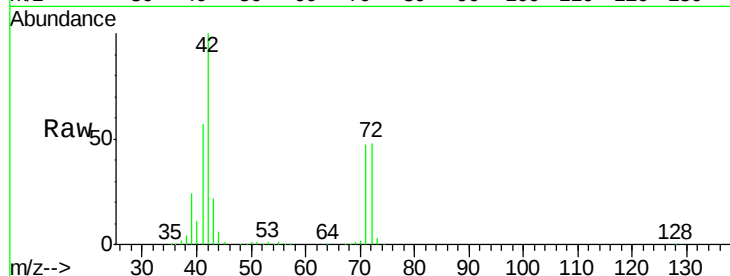
Tgt Ion: 42 Resp: 130295

Ion Ratio Lower Upper

42 100

72 51.2 41.7 62.5

71 48.0 38.4 57.6



#30

Chloroform

Concen: 21.270 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX020035.D

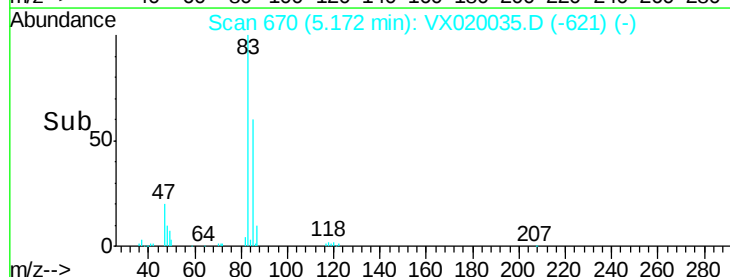
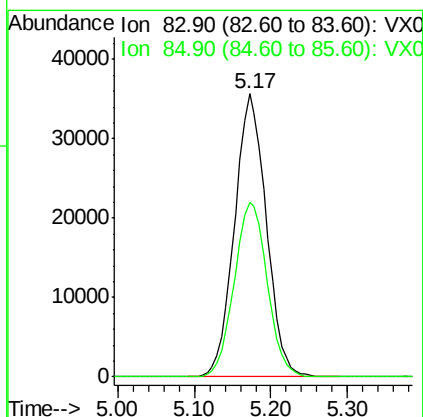
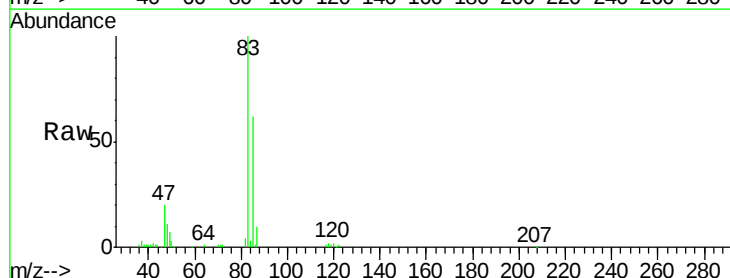
Acq: 16 Dec 2020 01:05

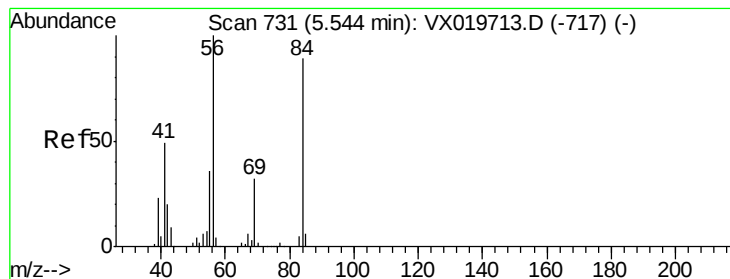
Tgt Ion: 83 Resp: 102830

Ion Ratio Lower Upper

83 100

85 61.8 52.0 78.0





#31

Cyclohexane

Concen: 18.513 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

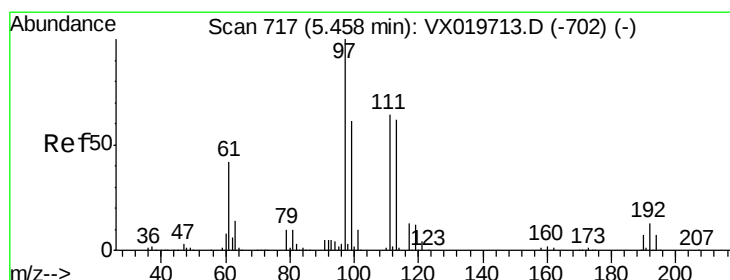
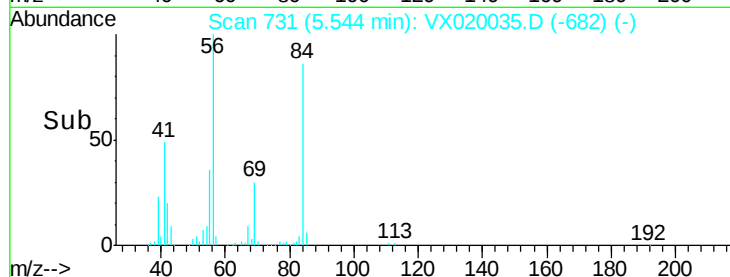
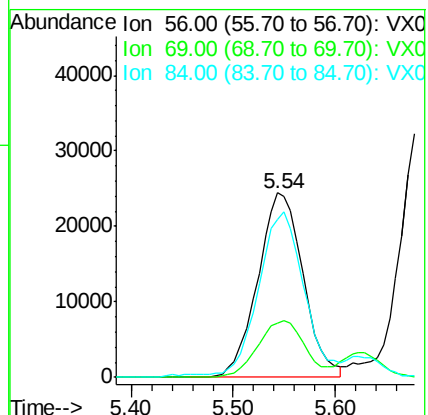
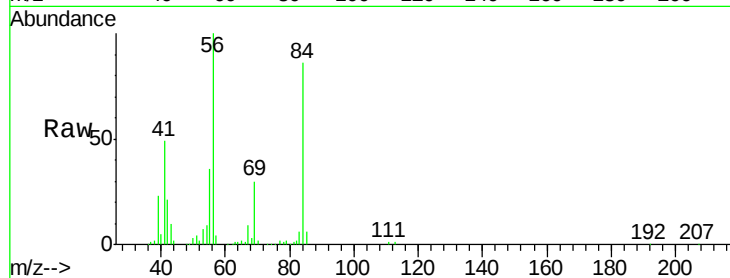
Tgt Ion: 56 Resp: 75428

Ion Ratio Lower Upper

56 100

69 29.7 25.3 37.9

84 84.2 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 20.292 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

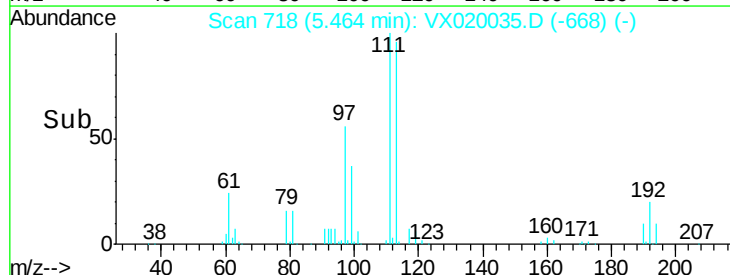
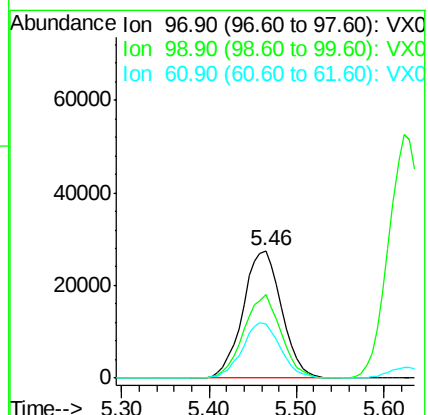
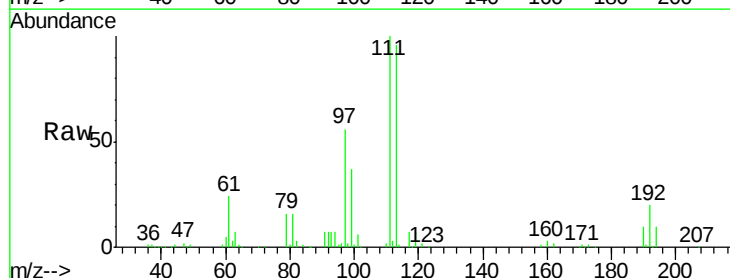
Tgt Ion: 97 Resp: 84481

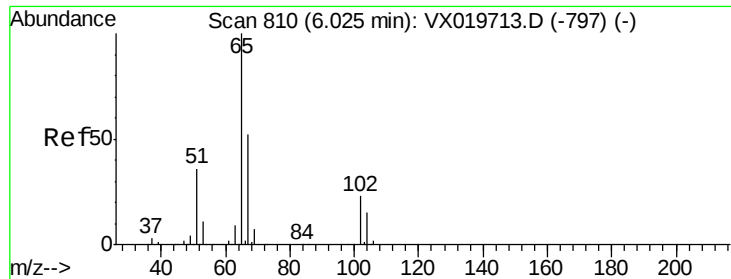
Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 42.9 34.2 51.4

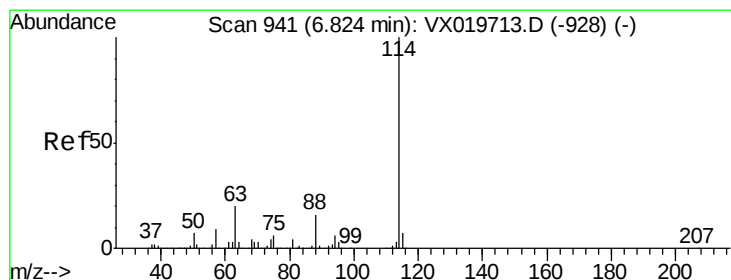
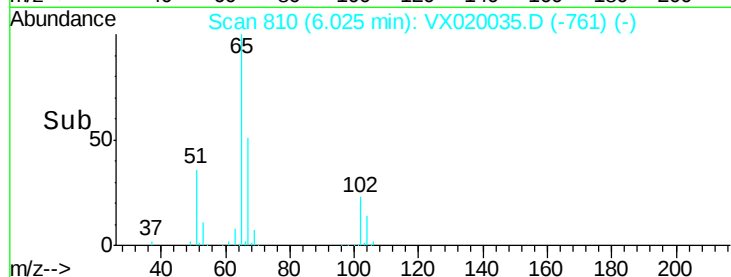
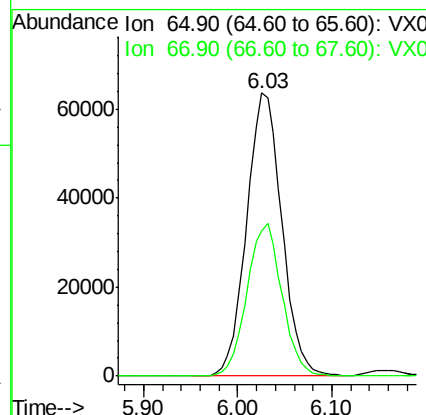
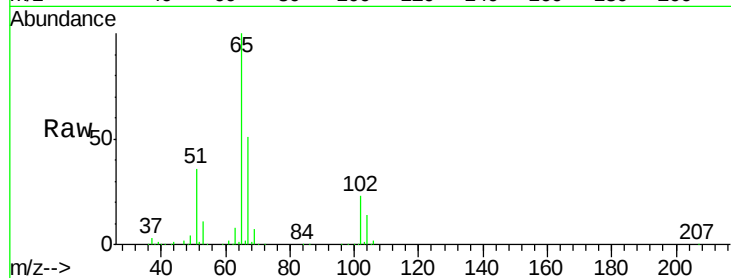




#33
 1,2-Dichloroethane-d4
 Concen: 51.040 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

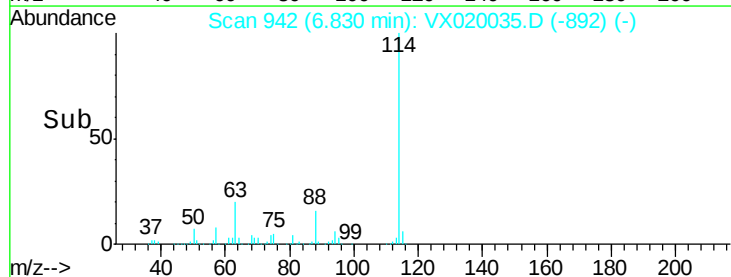
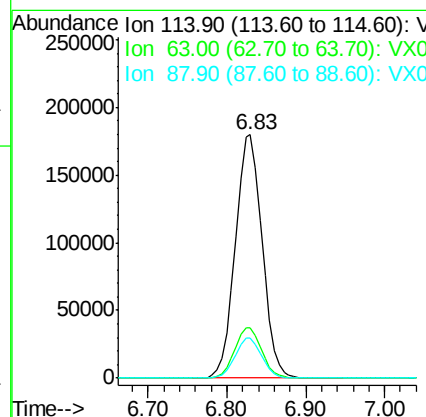
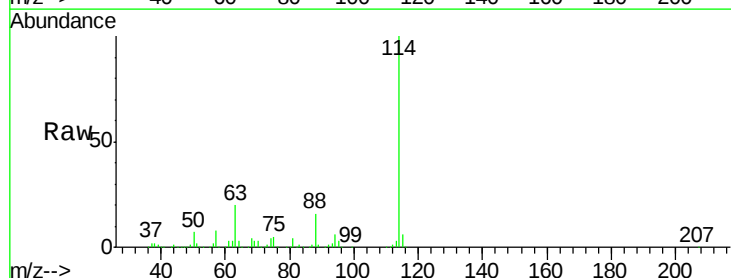
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

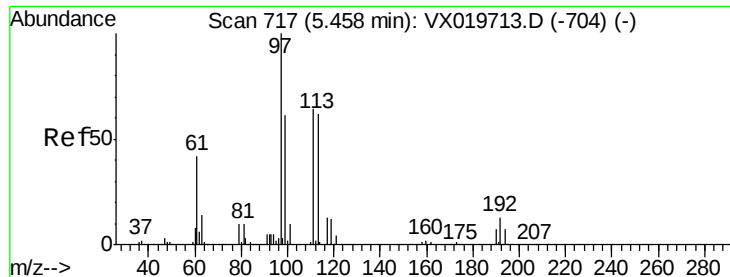
Tgt Ion: 65 Resp: 167173
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 114 Resp: 425229
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.007 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

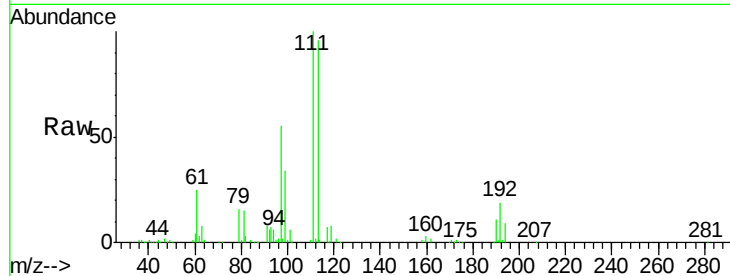
Tgt Ion:113 Resp: 134681

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

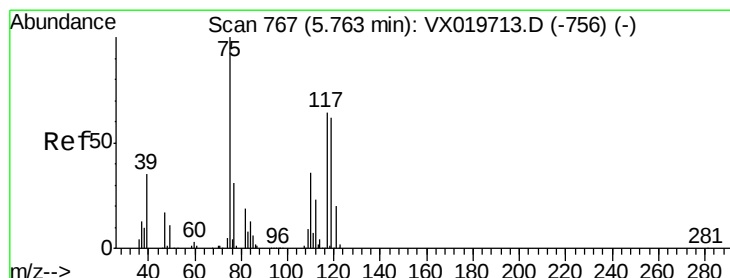
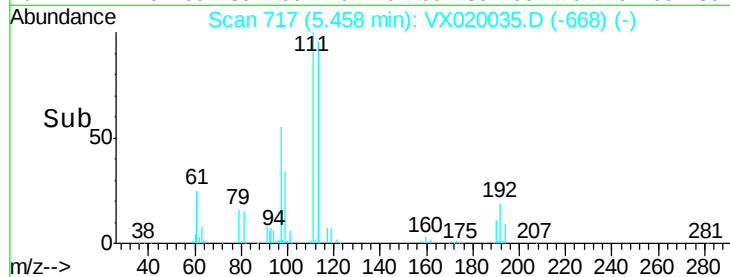
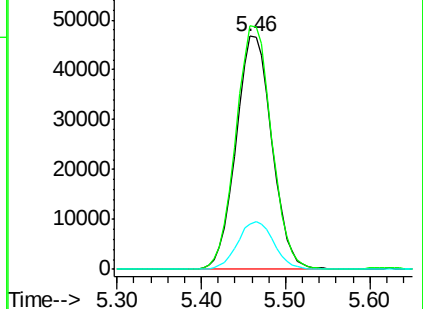
192 20.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.203 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

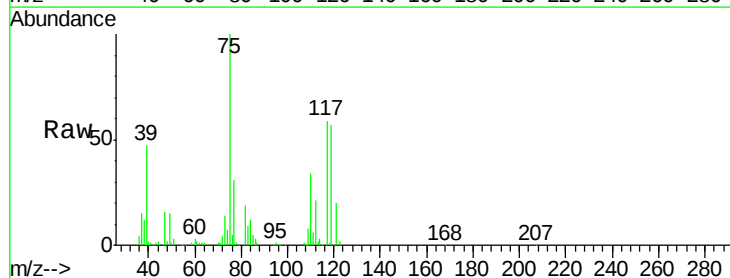
Tgt Ion: 75 Resp: 69945

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.4

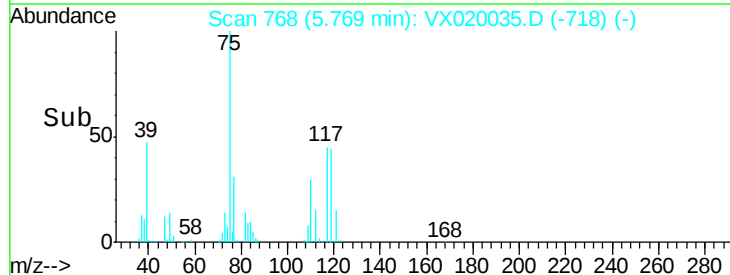
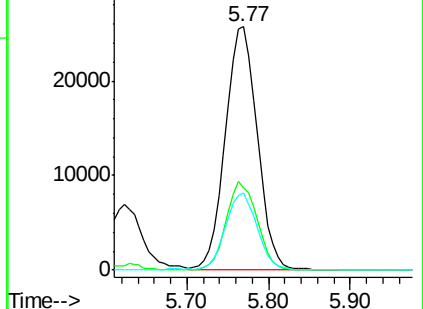
77 31.2 25.3 37.9

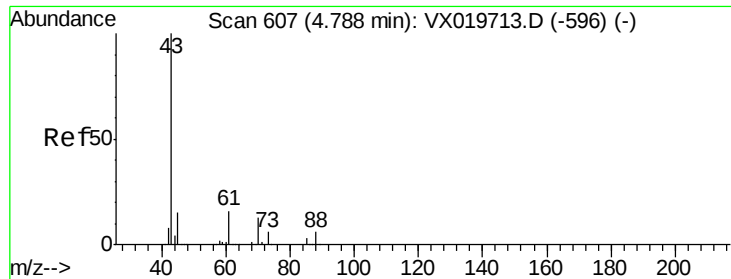


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

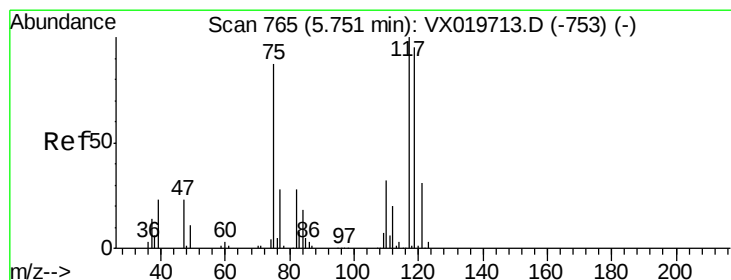
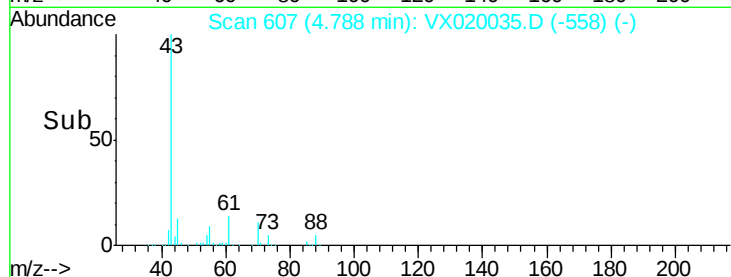
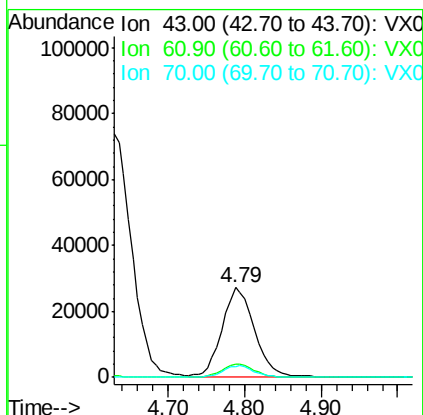
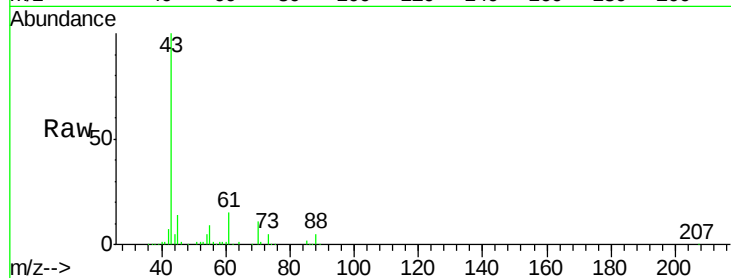




#37
Ethyl Acetate
Concen: 20.455 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

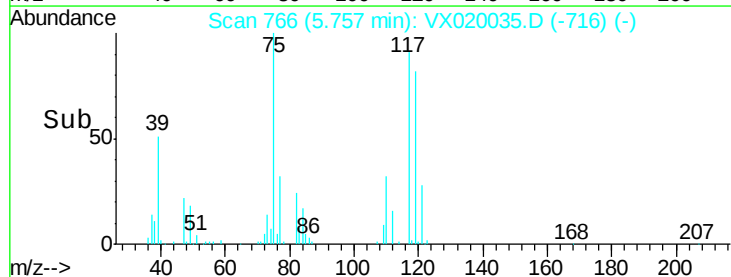
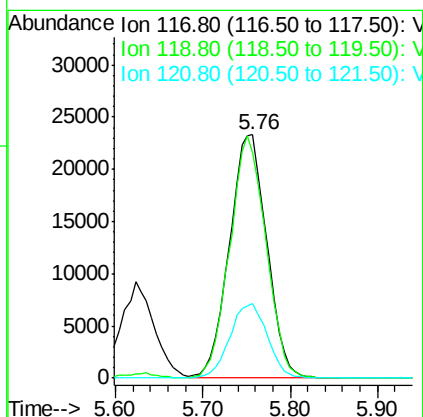
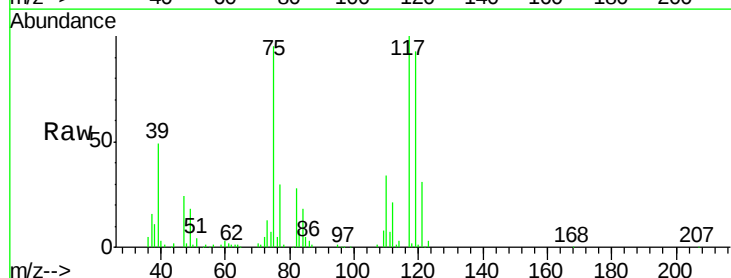
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

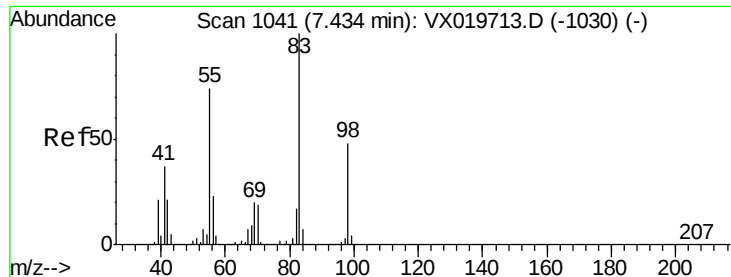
Tgt Ion: 43 Resp: 79358
Ion Ratio Lower Upper
43 100
61 15.2 12.8 19.2
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.443 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion: 117 Resp: 69398
Ion Ratio Lower Upper
117 100
119 92.6 76.2 114.2
121 30.8 24.8 37.2

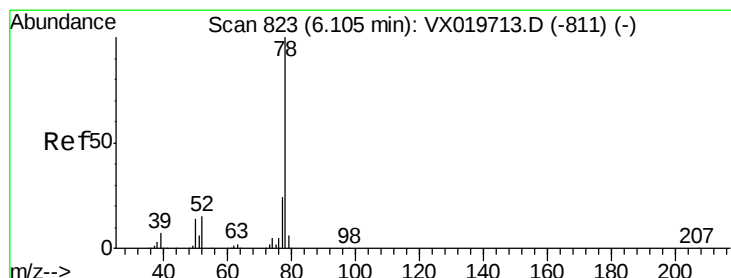
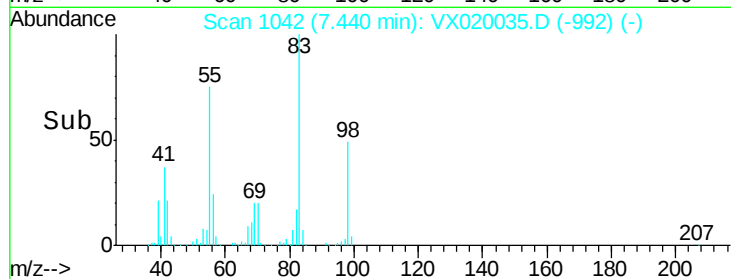
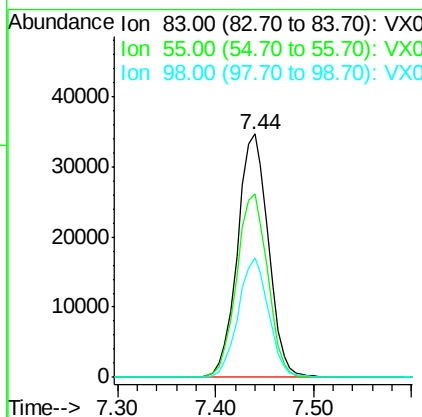
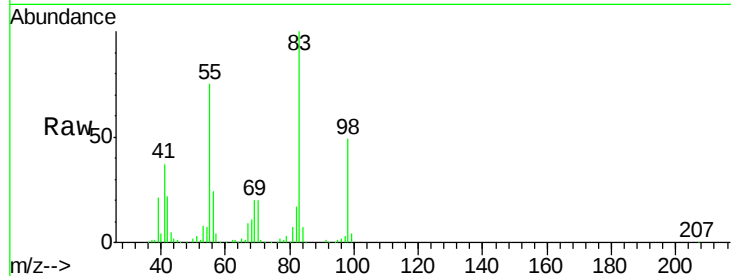




#39
Methylcyclohexane
Concen: 16.790 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

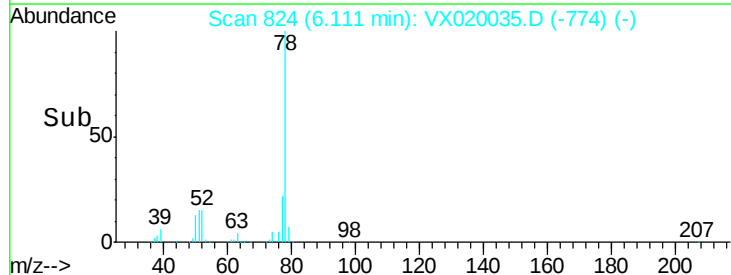
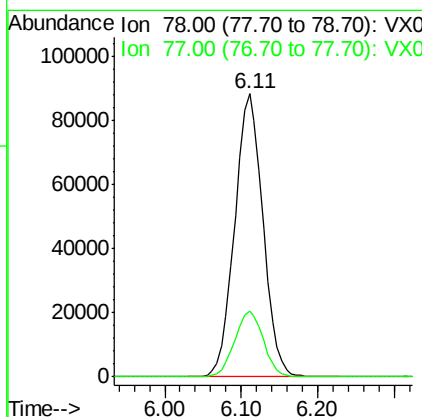
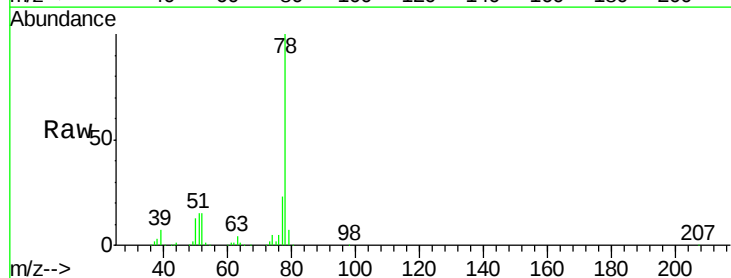
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

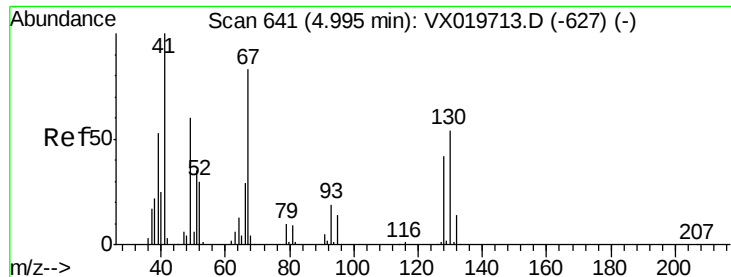
Tgt Ion: 83 Resp: 75797
Ion Ratio Lower Upper
83 100
55 75.2 58.9 88.3
98 48.8 38.1 57.1



#40
Benzene
Concen: 19.250 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion: 78 Resp: 225955
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3





#41

Methacrylonitrile

Concen: 20.673 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

Tgt Ion: 41 Resp: 44035

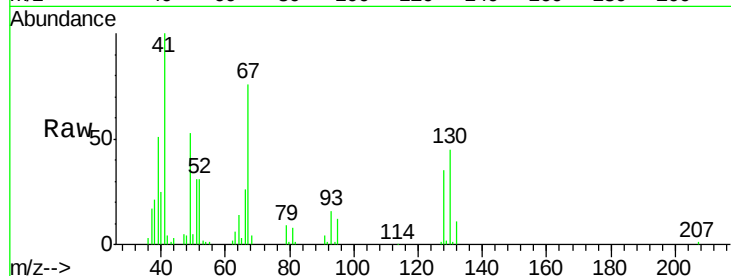
Ion Ratio Lower Upper

41 100

39 50.7 42.5 63.7

67 80.6 65.0 97.6

52 32.0 25.3 37.9

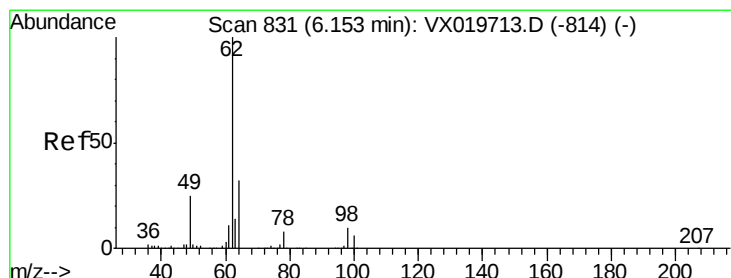
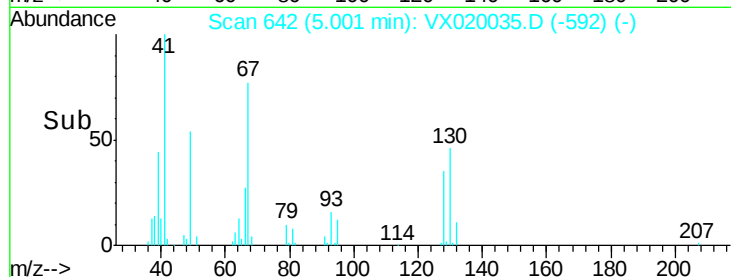
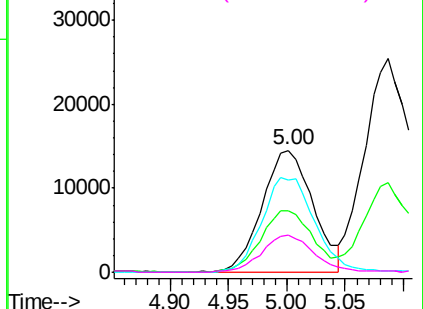


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.962 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX020035.D

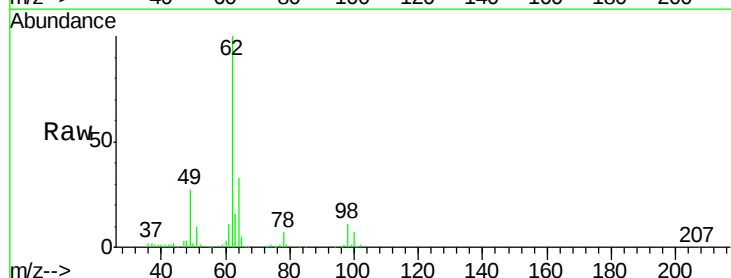
Acq: 16 Dec 2020 01:05

Tgt Ion: 62 Resp: 80055

Ion Ratio Lower Upper

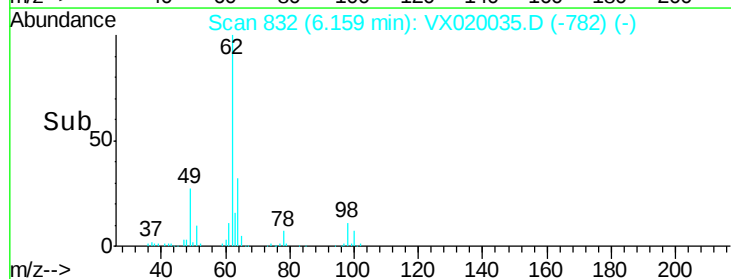
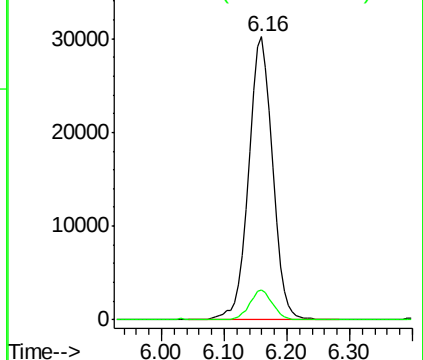
62 100

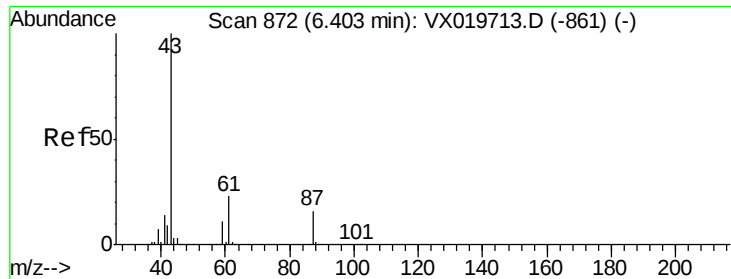
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.502 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

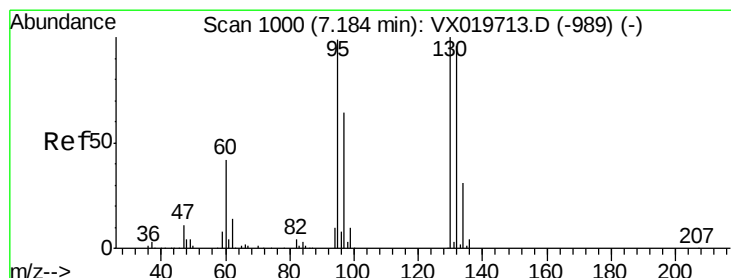
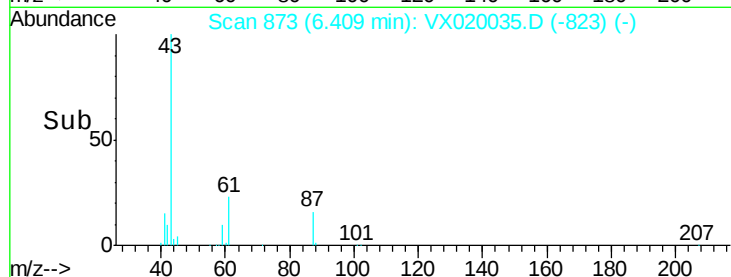
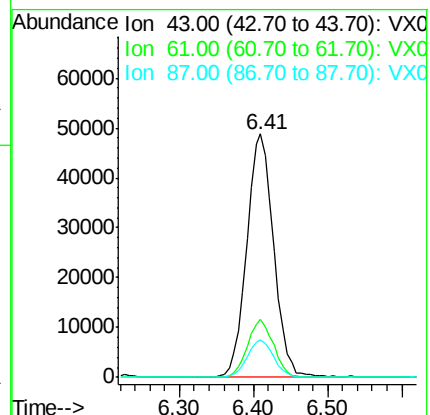
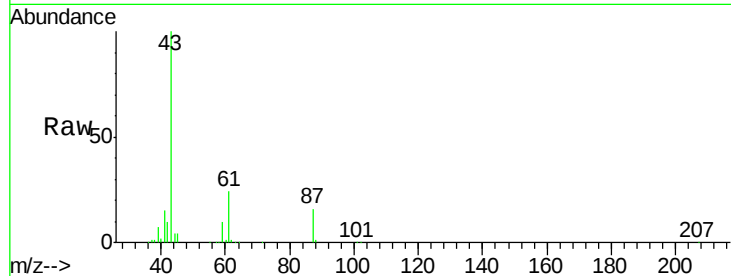
Tgt Ion: 43 Resp: 123011

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

87 15.1 12.5 18.7



#44

Trichloroethene

Concen: 17.701 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX020035.D

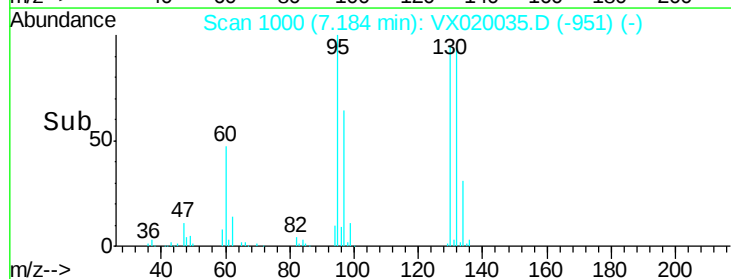
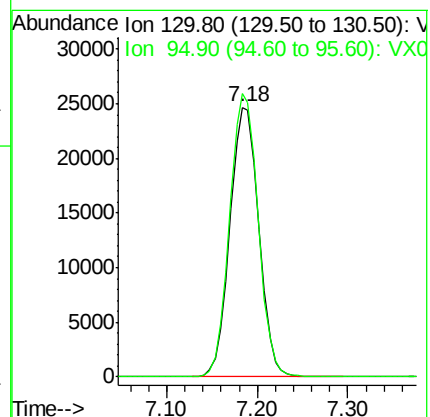
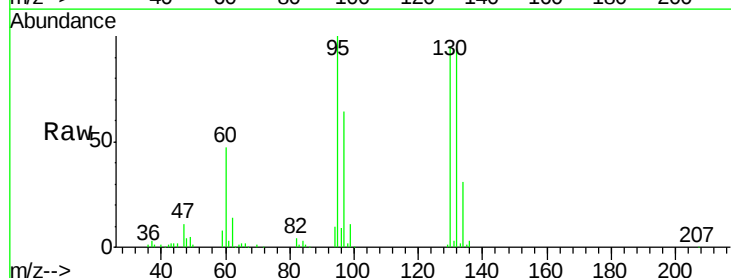
Acq: 16 Dec 2020 01:05

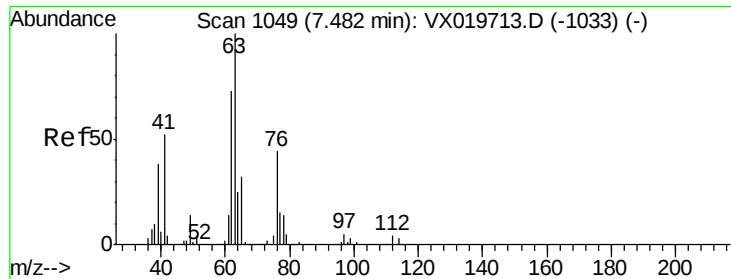
Tgt Ion: 130 Resp: 54514

Ion Ratio Lower Upper

130 100

95 105.0 0.0 198.0

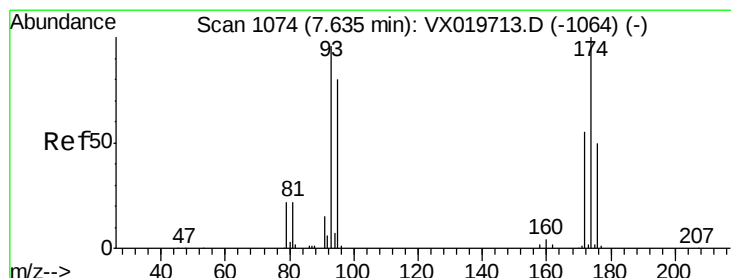
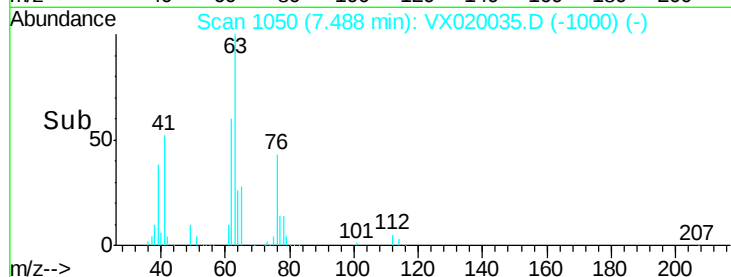
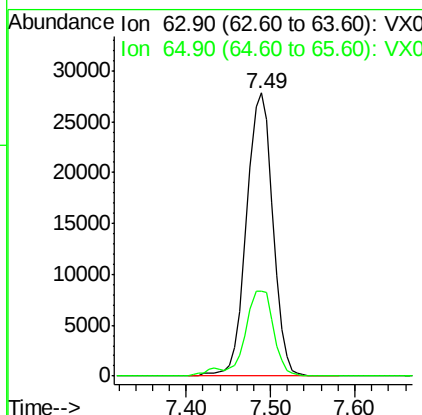
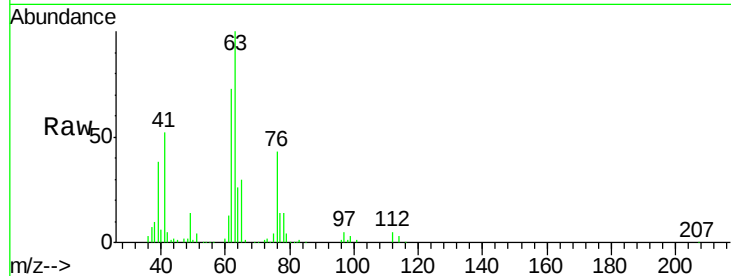




#45
 1,2-Dichloropropane
 Concen: 19.969 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

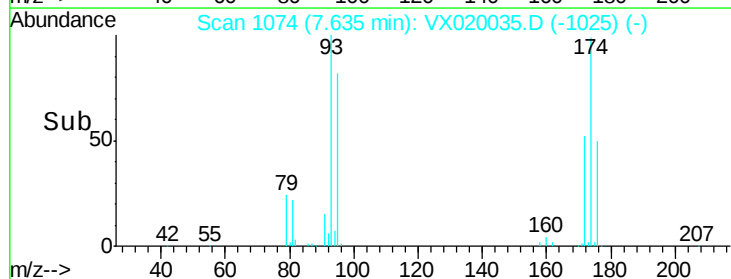
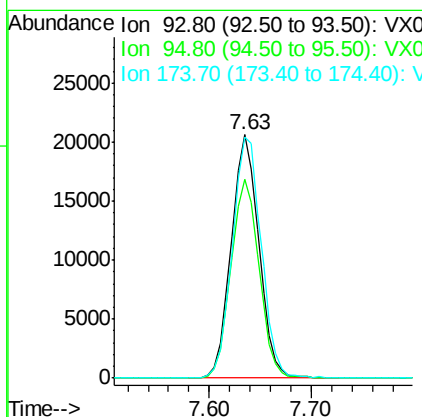
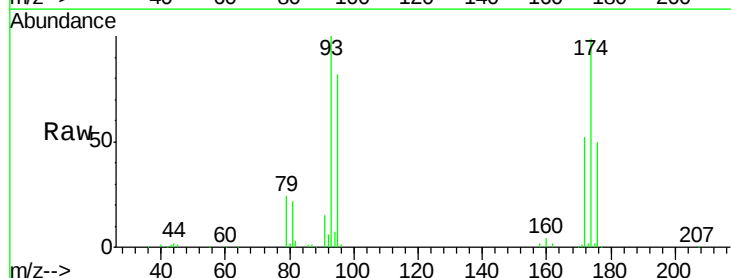
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

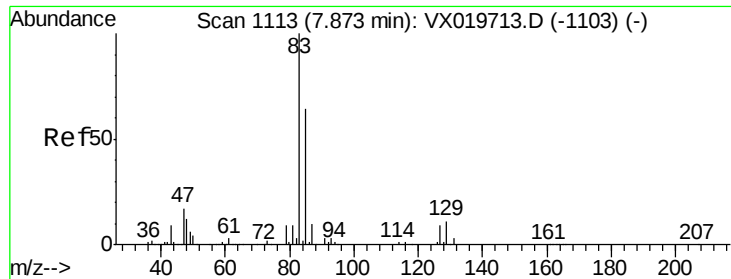
Tgt Ion: 63 Resp: 58581
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.7 38.5



#46
 Dibromomethane
 Concen: 19.457 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 93 Resp: 38545
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.8 100.2
 174 103.6 83.1 124.7

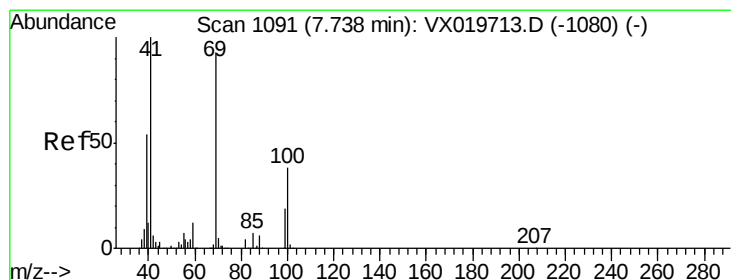
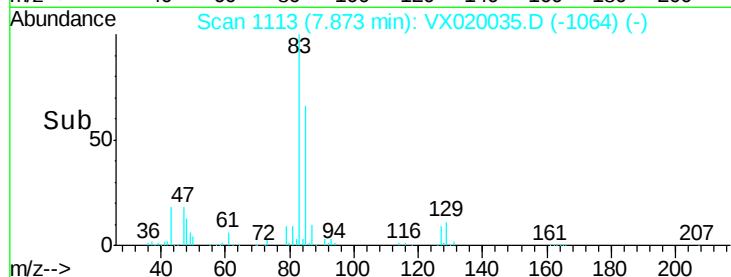
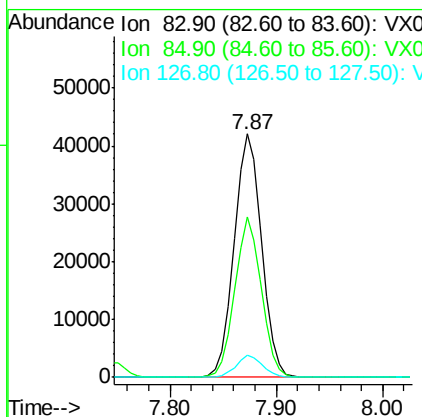
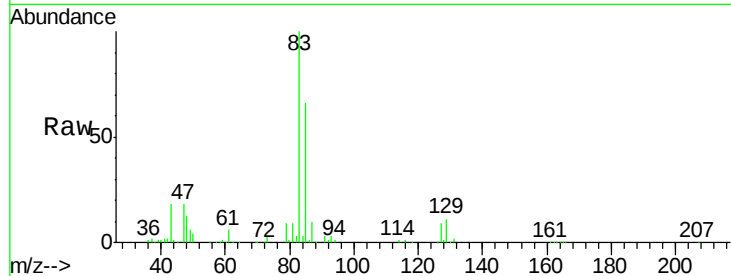




#47
 Bromodichloromethane
 Concen: 19.357 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

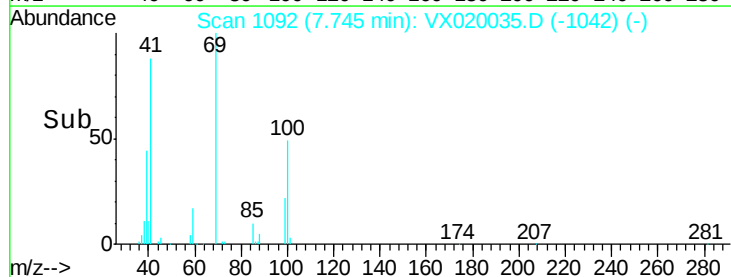
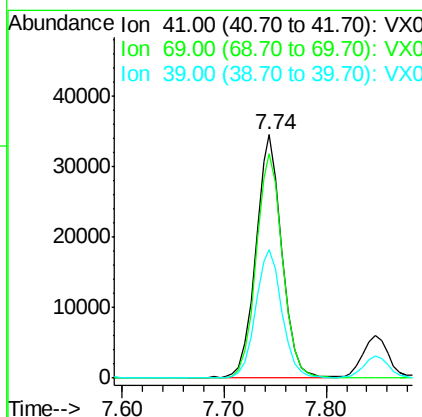
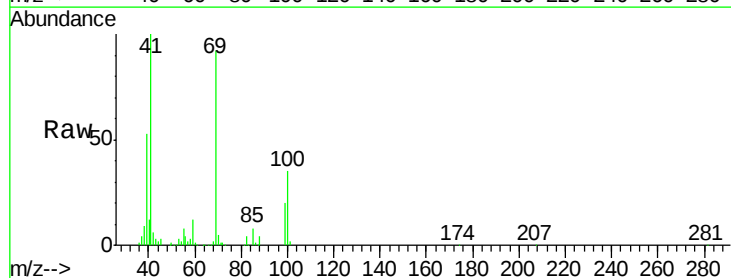
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

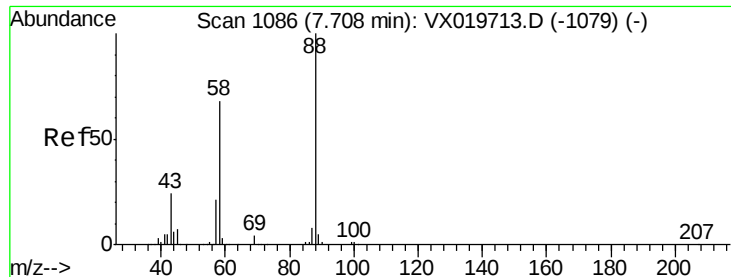
Tgt Ion: 83 Resp: 76093
 Ion Ratio Lower Upper
 83 100
 85 65.8 51.4 77.0
 127 8.9 6.8 10.2



#48
 Methyl methacrylate
 Concen: 19.807 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 41 Resp: 61445
 Ion Ratio Lower Upper
 41 100
 69 93.1 76.0 114.0
 39 53.4 44.6 67.0

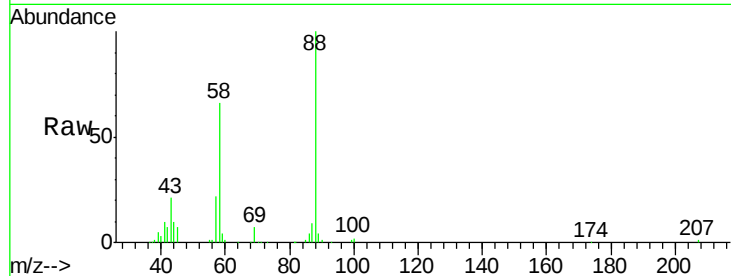




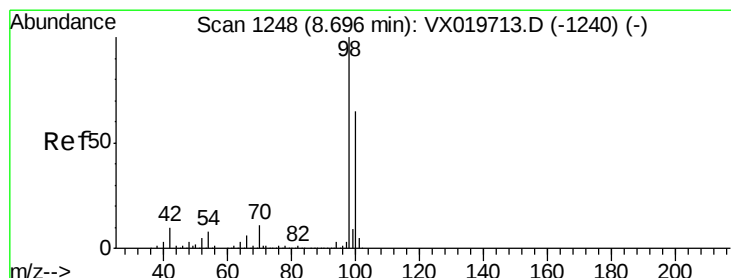
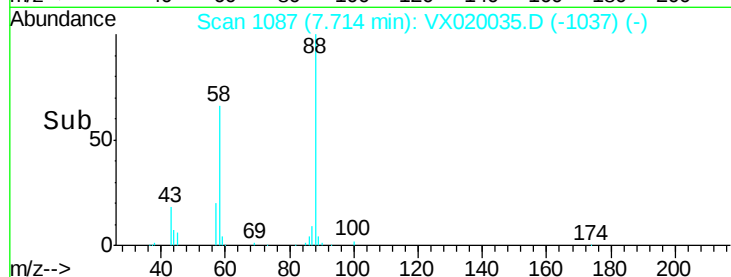
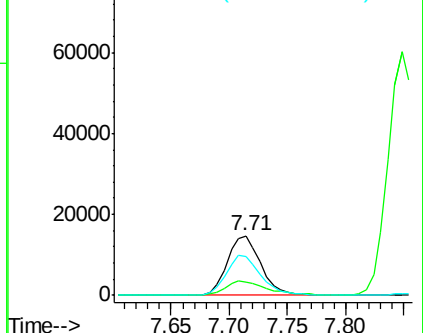
#49
1,4-Dioxane
Concen: 392.933 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

Tgt Ion: 88 Resp: 29528
Ion Ratio Lower Upper
88 100
43 28.5 23.2 34.8
58 69.1 55.0 82.4

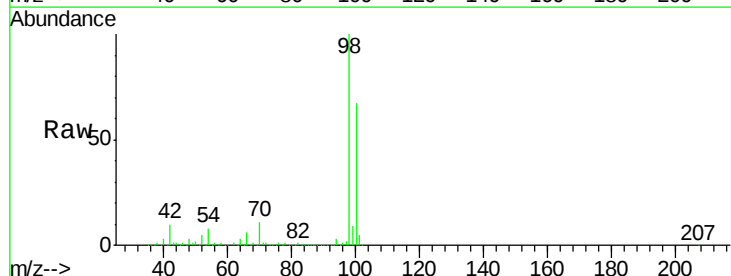


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

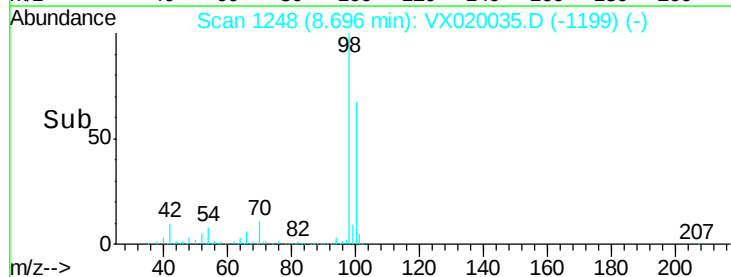
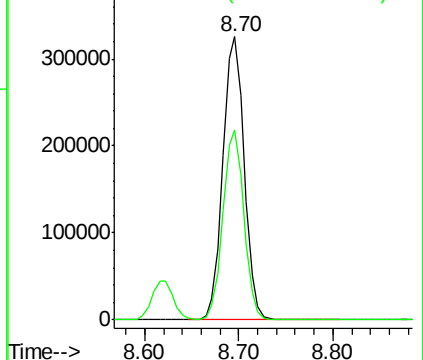


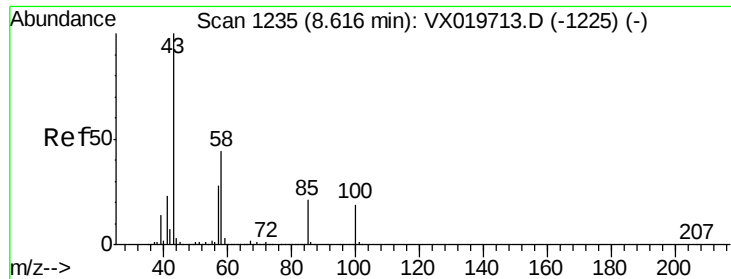
#50
Toluene-d8
Concen: 48.718 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion: 98 Resp: 511148
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



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

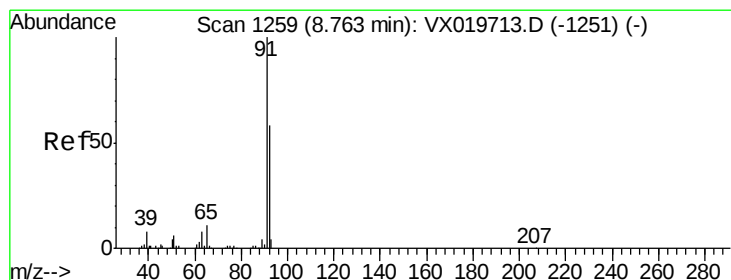
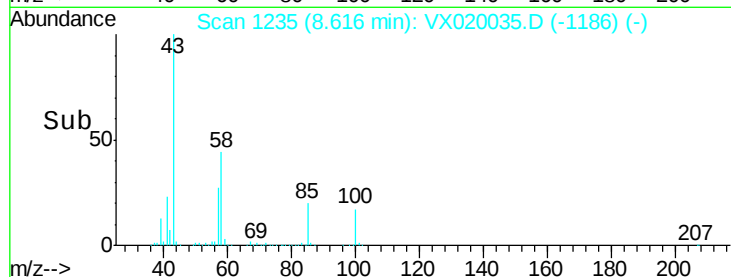
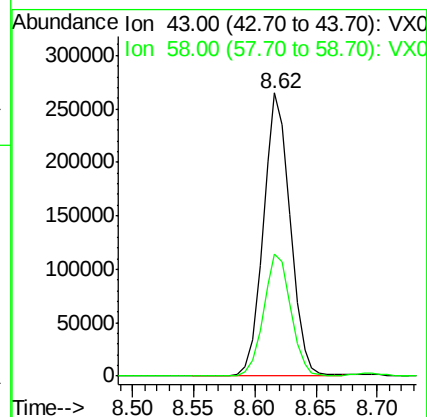
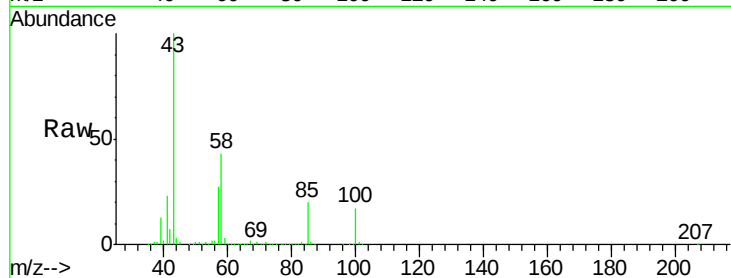




#51
 4-Methyl-2-Pentanone
 Concen: 105.251 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

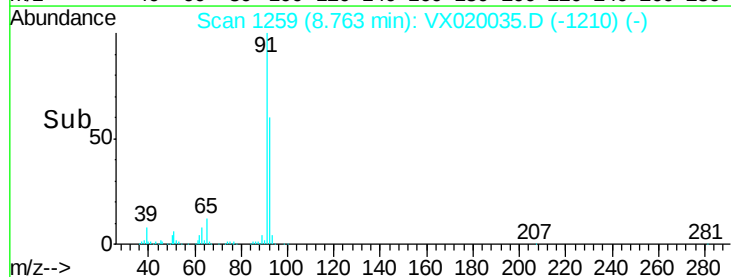
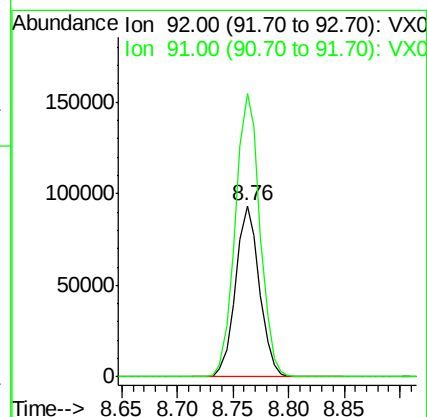
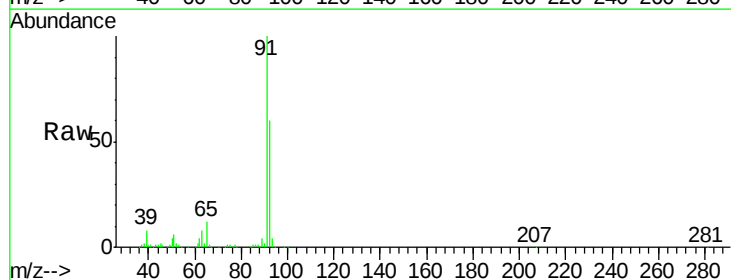
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

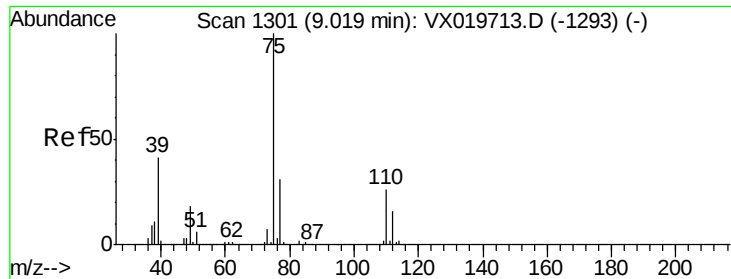
Tgt Ion: 43 Resp: 405317
 Ion Ratio Lower Upper
 43 100
 58 43.6 35.4 53.0



#52
 Toluene
 Concen: 18.861 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 92 Resp: 138462
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.285 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

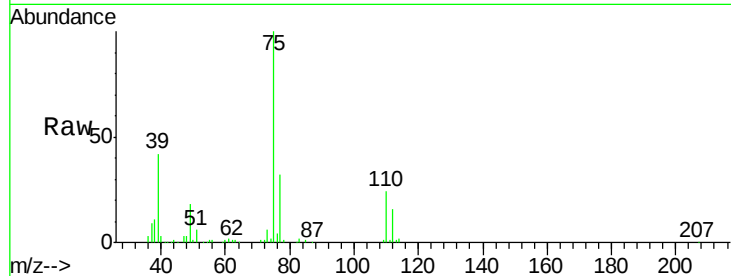
VX1215WBSD02

Tgt Ion: 75 Resp: 79767

Ion Ratio Lower Upper

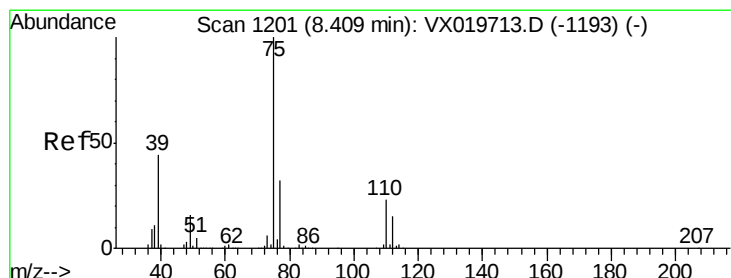
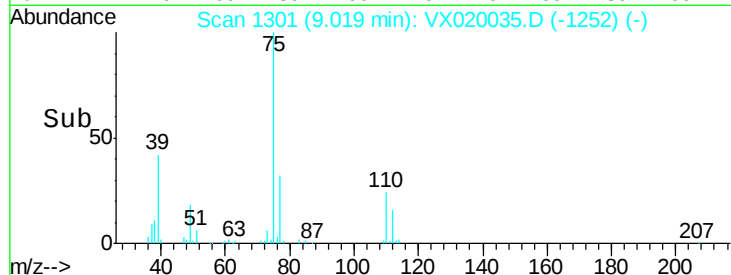
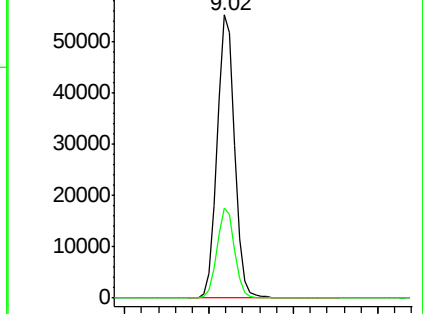
75 100

77 31.7 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.472 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

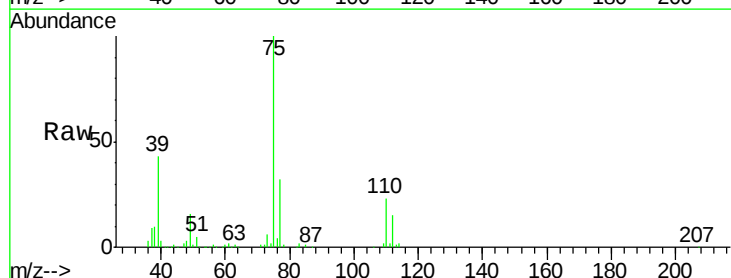
Tgt Ion: 75 Resp: 87544

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

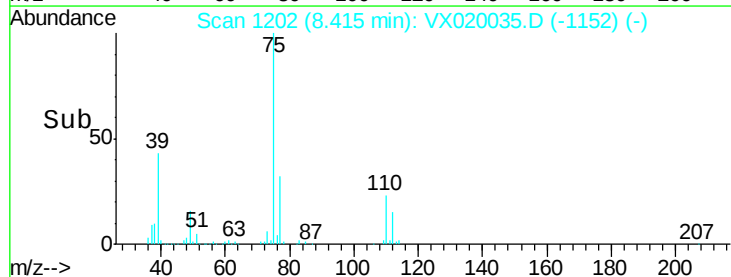
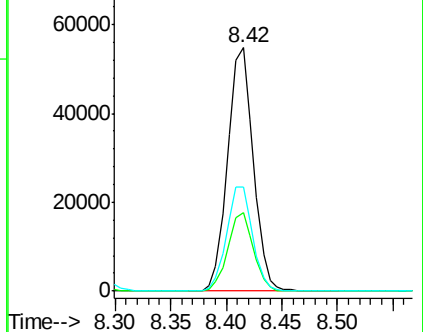
39 42.6 35.1 52.7

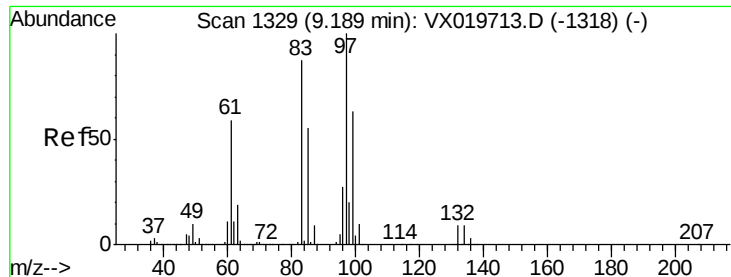


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

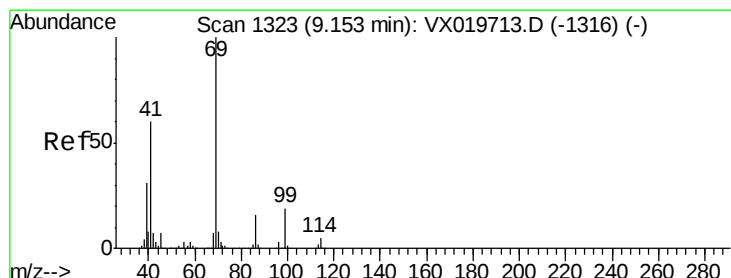
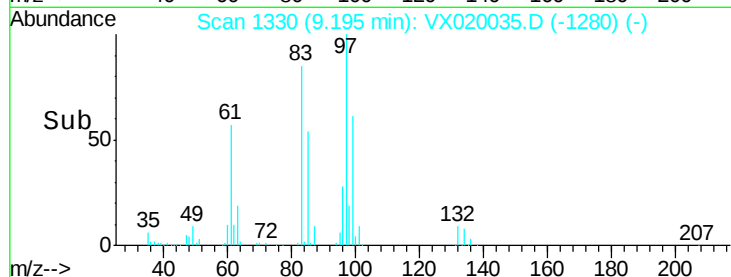
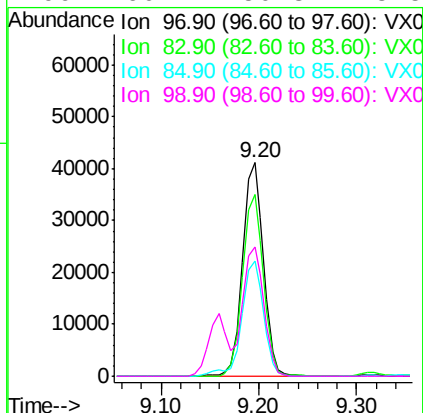
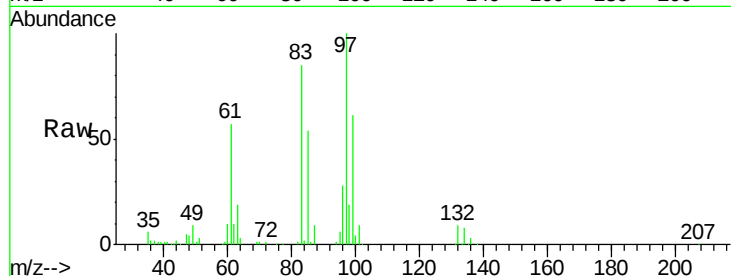




#55
 1,1,2-Trichloroethane
 Concen: 20.488 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

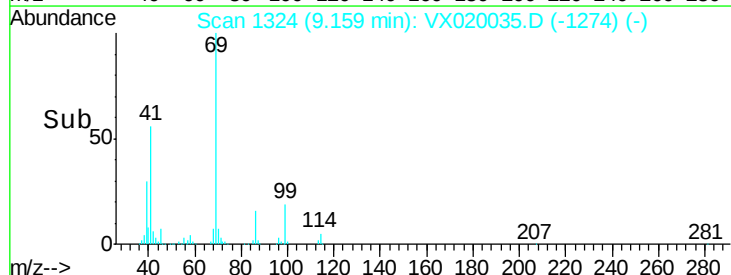
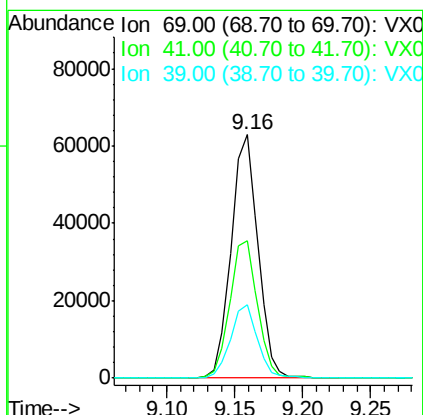
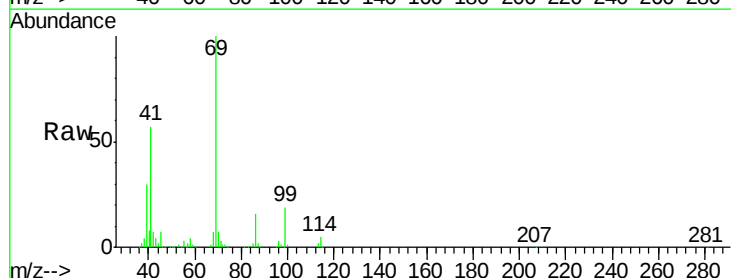
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

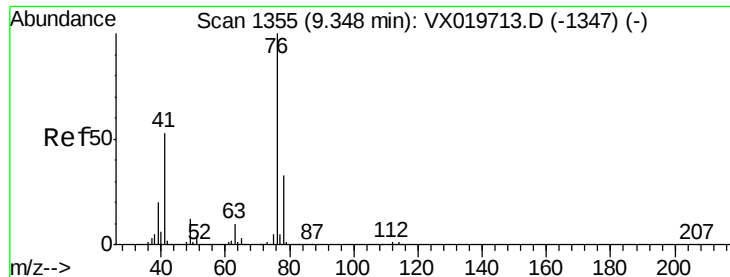
Tgt Ion: 97 Resp: 60612
 Ion Ratio Lower Upper
 97 100
 83 85.2 69.3 103.9
 85 54.0 44.3 66.5
 99 60.7 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.278 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 69 Resp: 86289
 Ion Ratio Lower Upper
 69 100
 41 58.1 46.8 70.2
 39 30.3 24.7 37.1

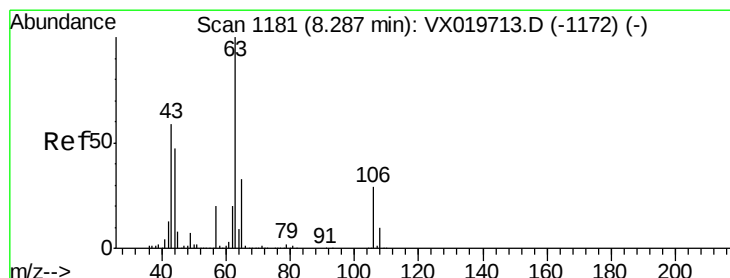
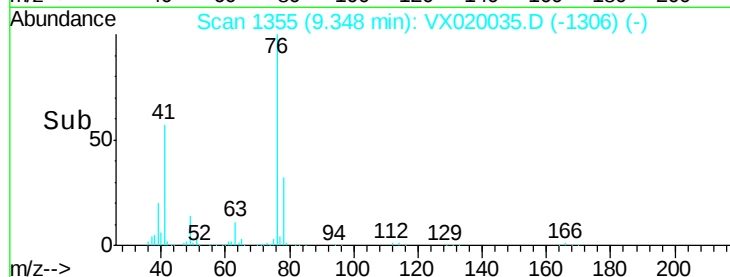
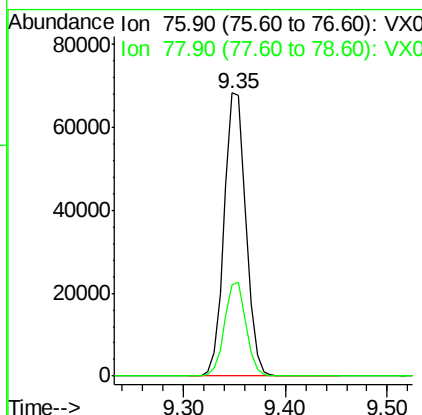
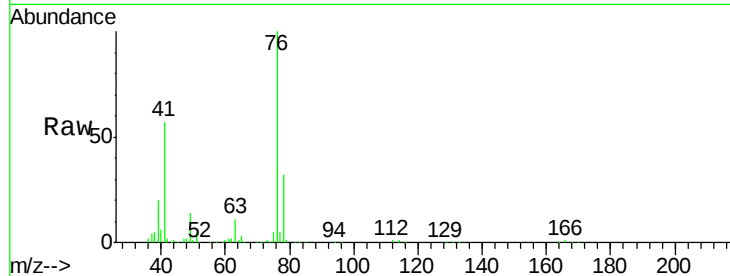




#57
 1,3-Dichloropropane
 Concen: 19.950 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

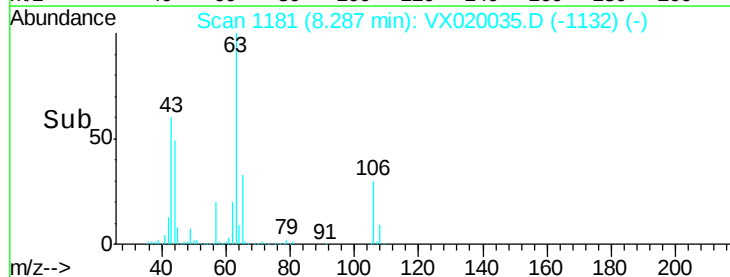
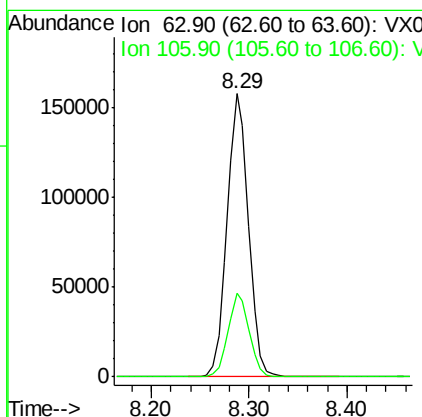
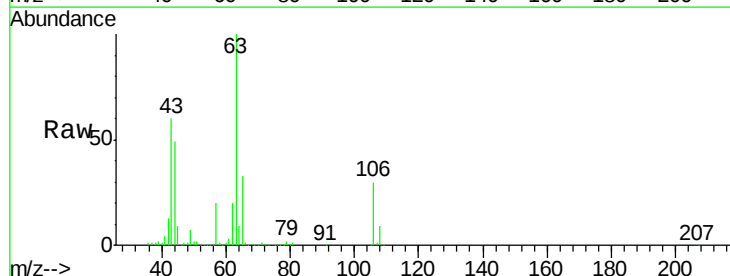
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

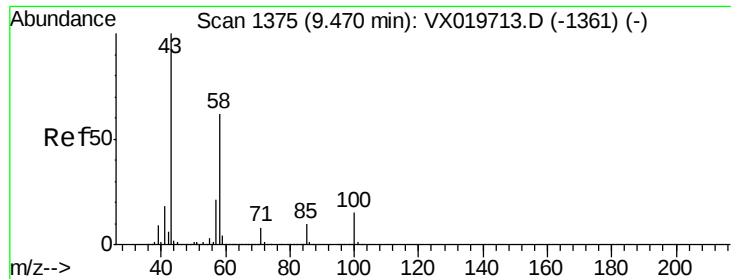
Tgt Ion: 76 Resp: 100777
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.035 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 63 Resp: 239574
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.5 35.3

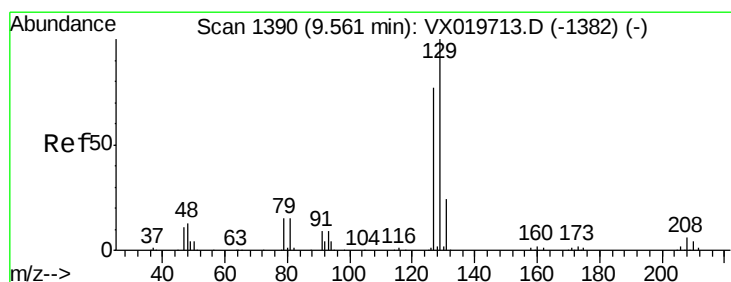
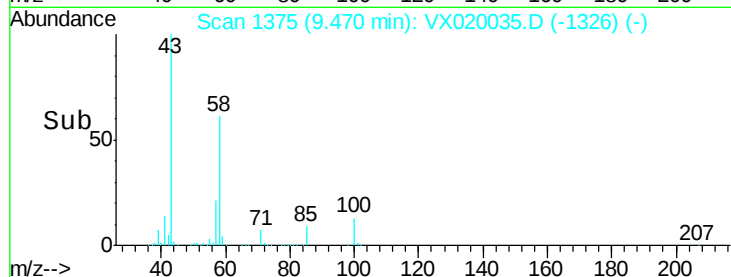
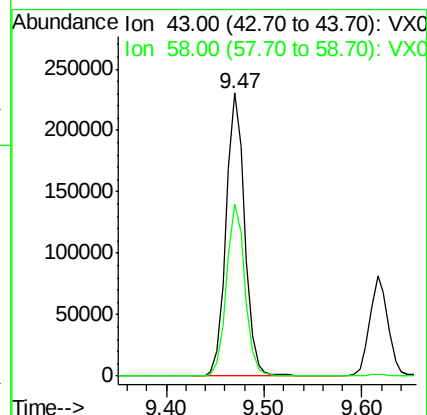
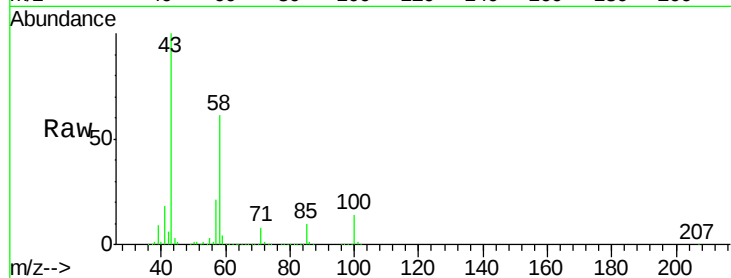




#59
2-Hexanone
Concen: 102.142 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

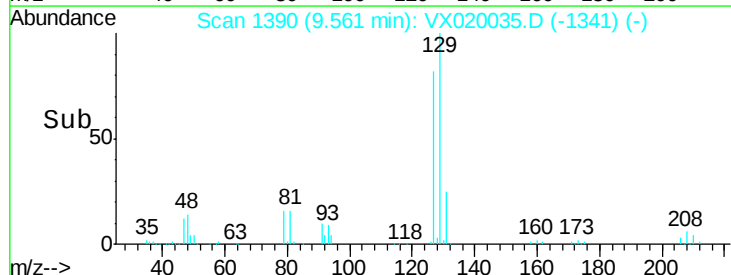
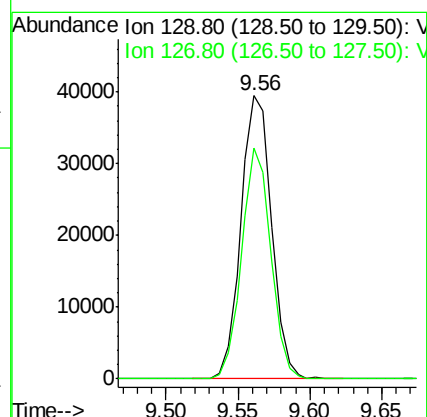
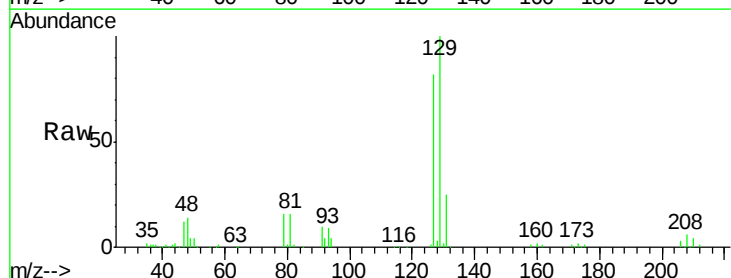
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

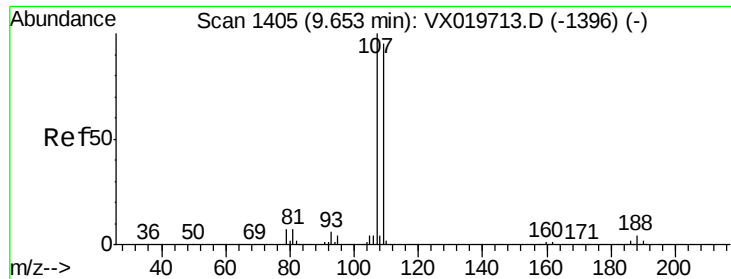
Tgt Ion: 43 Resp: 304895
Ion Ratio Lower Upper
43 100
58 60.2 30.9 92.8



#60
Dibromochloromethane
Concen: 19.401 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion: 129 Resp: 58313
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

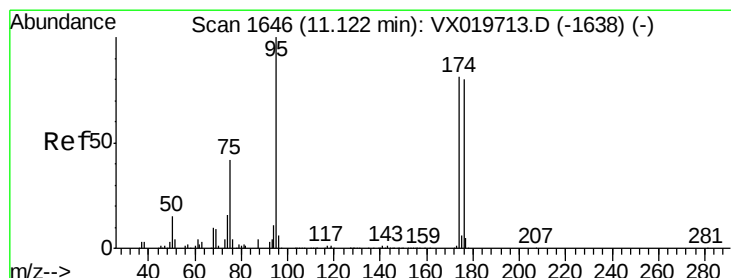
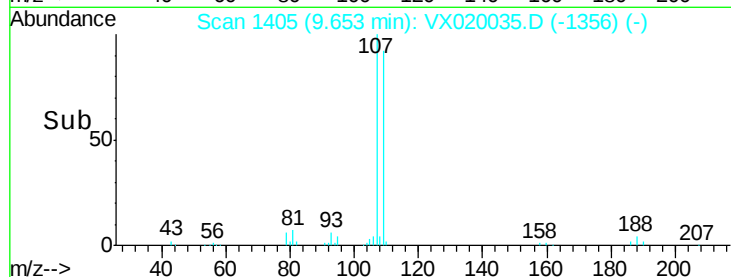
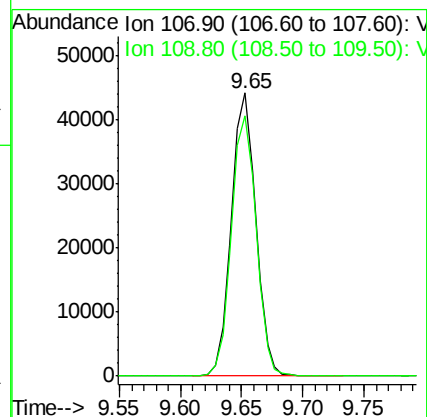
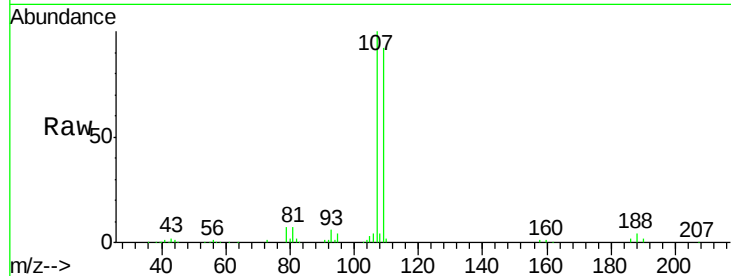




#61
 1,2-Dibromoethane
 Concen: 19.425 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

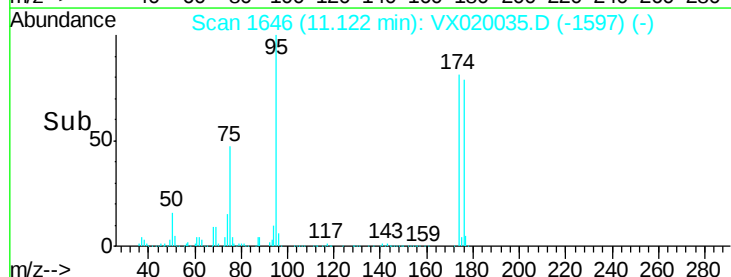
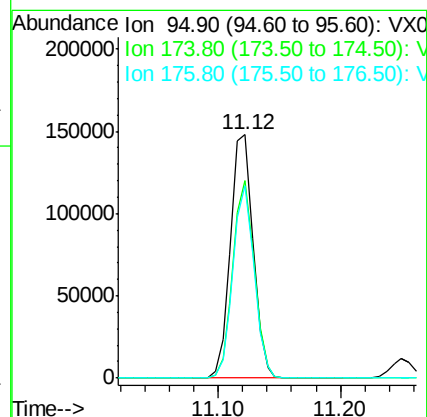
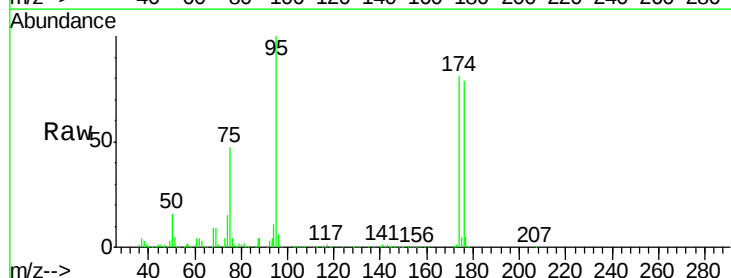
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

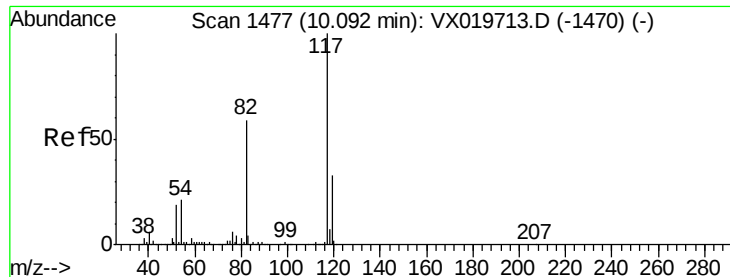
Tgt Ion: 107 Resp: 61023
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 47.593 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 95 Resp: 190057
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 154.6
 176 74.0 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

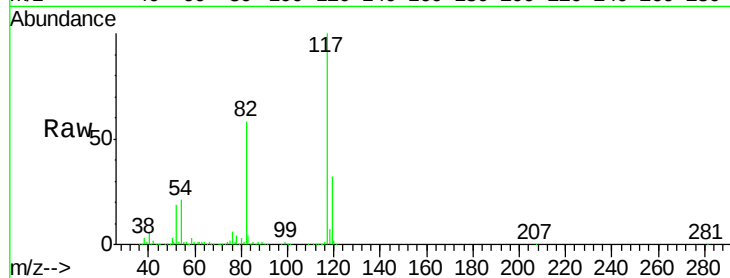
Tgt Ion:117 Resp: 388146

Ion Ratio Lower Upper

117 100

82 58.4 47.4 71.2

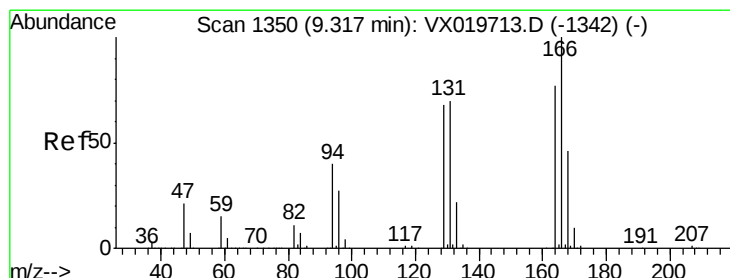
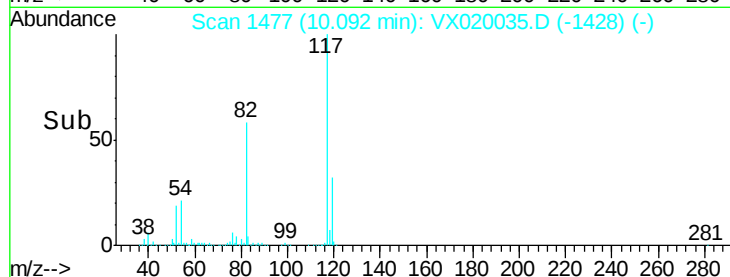
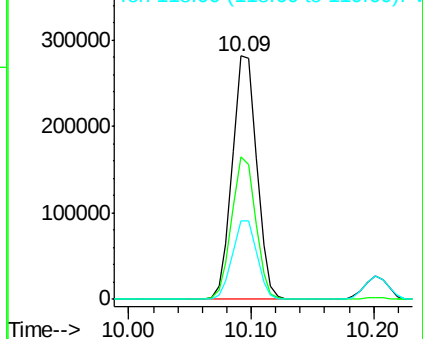
119 32.4 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.980 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Tgt Ion:164 Resp: 49404

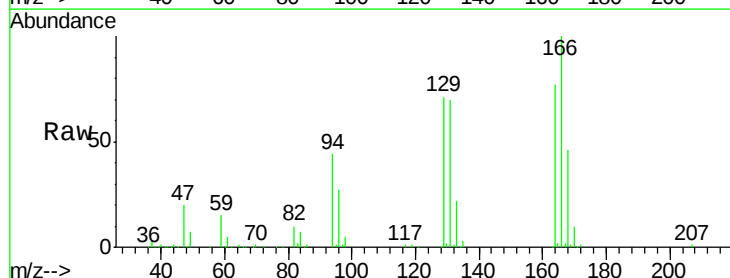
Ion Ratio Lower Upper

164 100

166 130.2 103.4 155.2

129 93.1 70.8 106.2

131 90.6 72.5 108.7

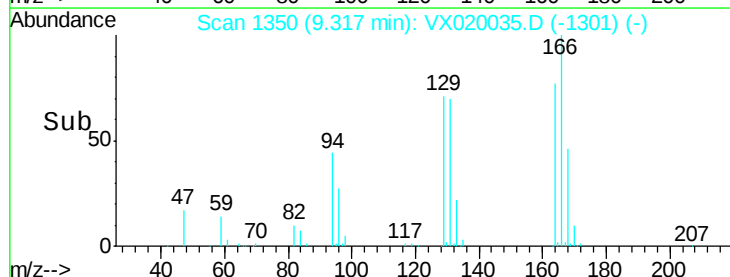
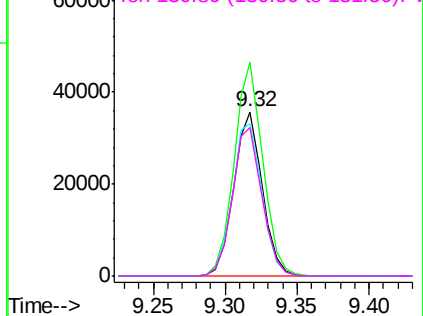


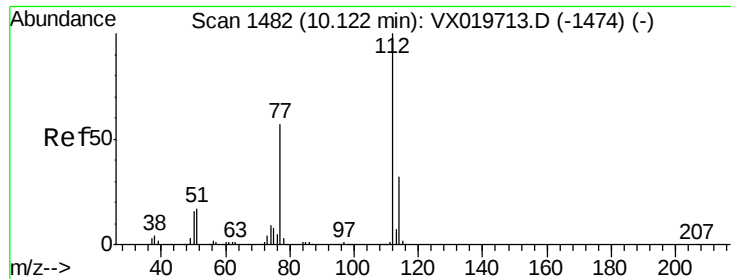
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

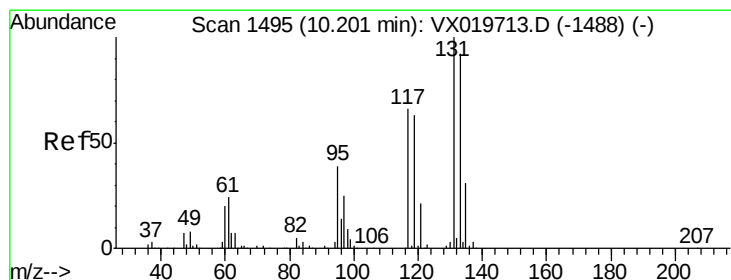
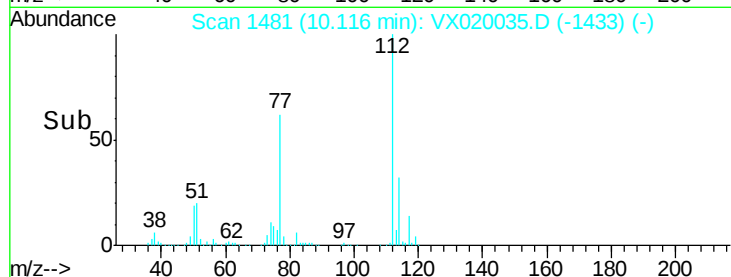
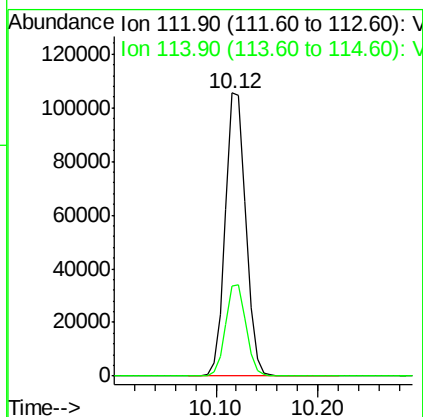
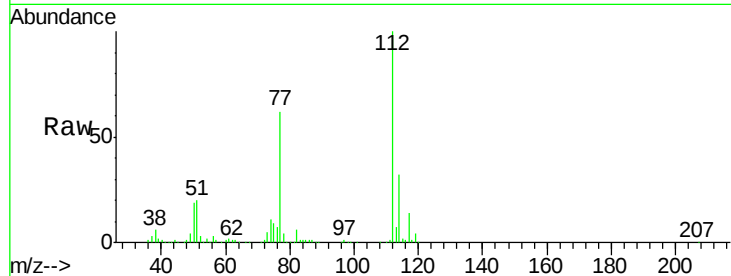




#65
Chlorobenzene
Concen: 18.970 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

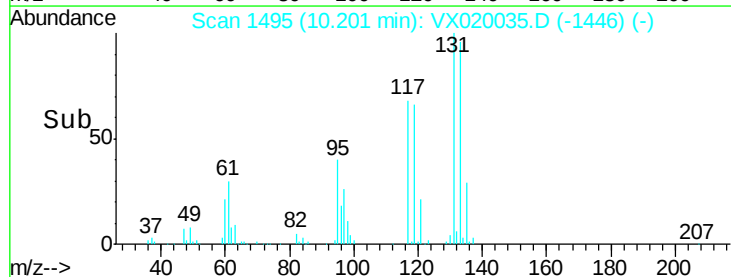
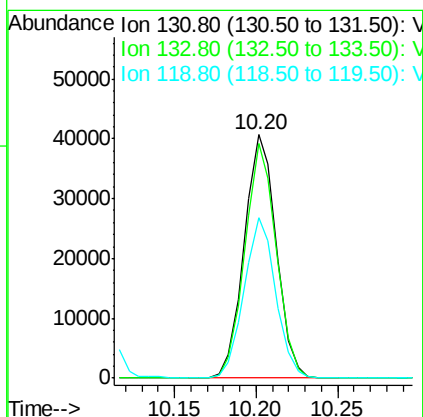
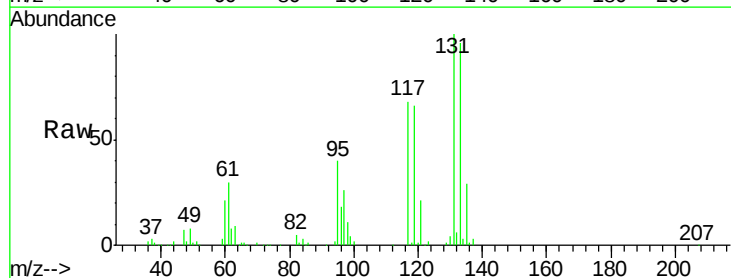
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

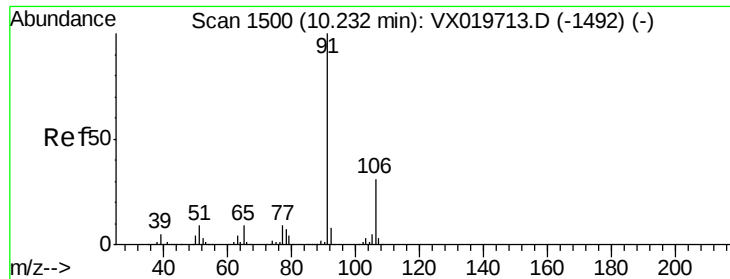
Tgt Ion:112 Resp: 146694
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.002 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion:131 Resp: 55671
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 65.2 32.1 96.5





#67

Ethyl Benzene

Concen: 18.864 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

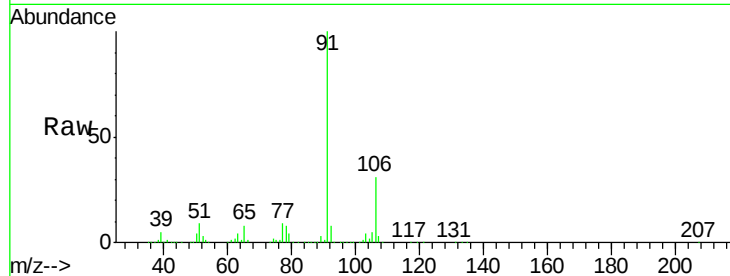
VX1215WBSD02

Tgt Ion: 91 Resp: 258937

Ion Ratio Lower Upper

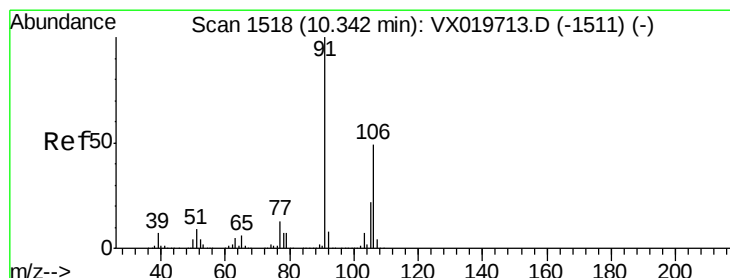
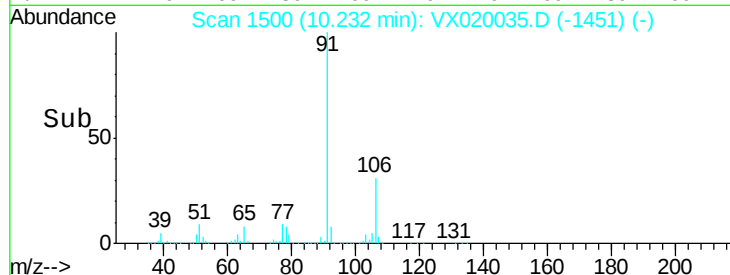
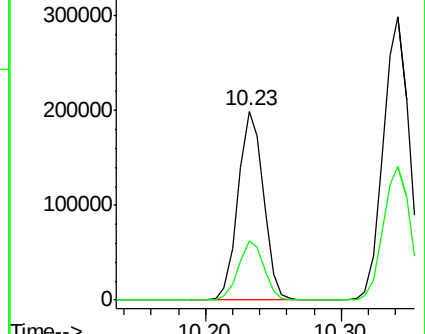
91 100

106 31.3 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: 37.377 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX020035.D

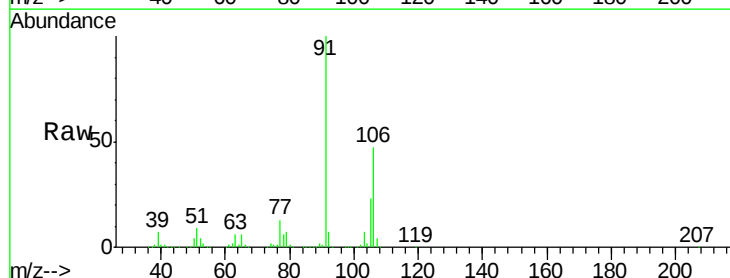
Acq: 16 Dec 2020 01:05

Tgt Ion: 106 Resp: 193326

Ion Ratio Lower Upper

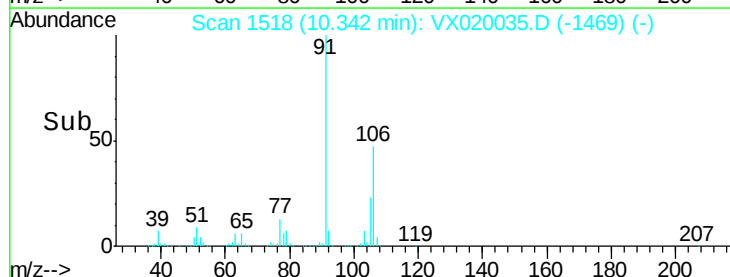
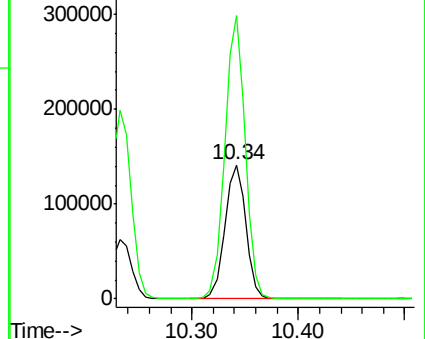
106 100

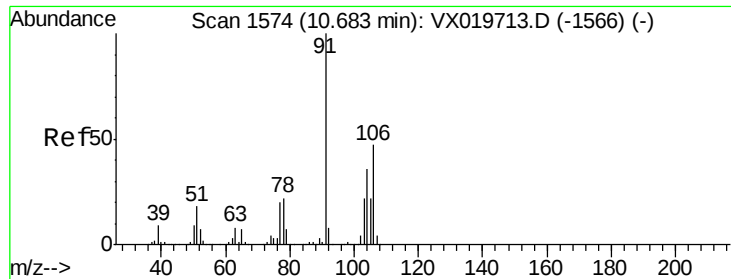
91 205.7 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

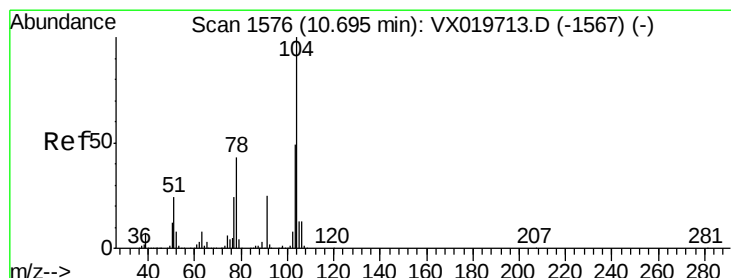
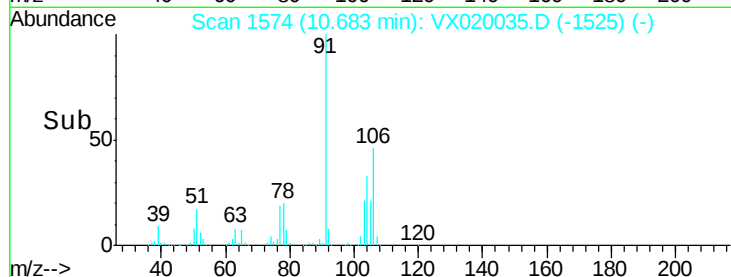
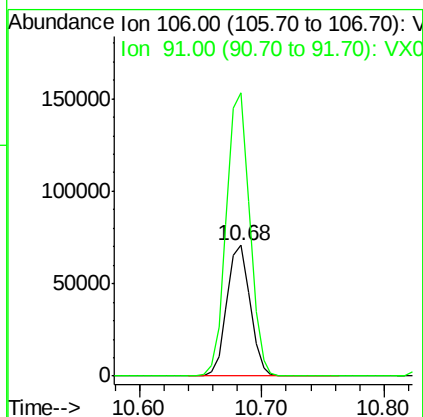
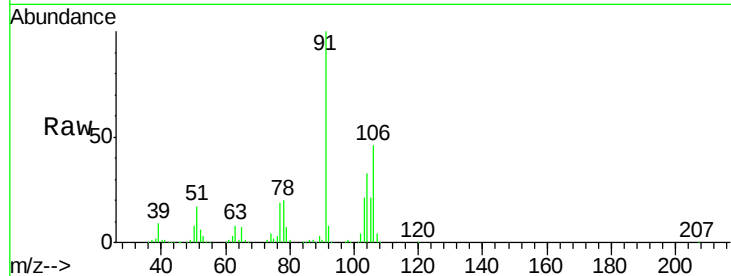




#69
o-Xylene
Concen: 18.722 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

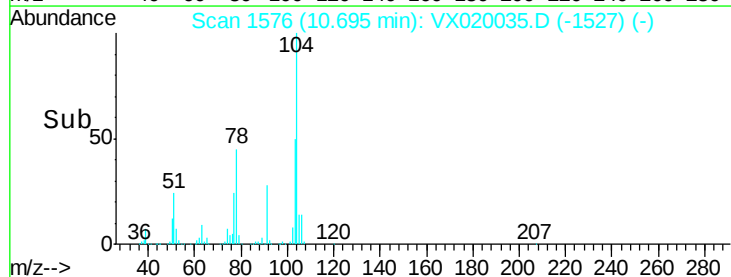
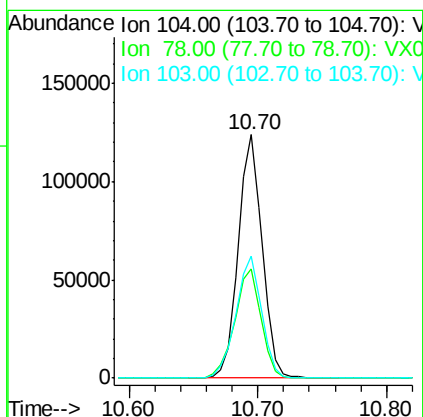
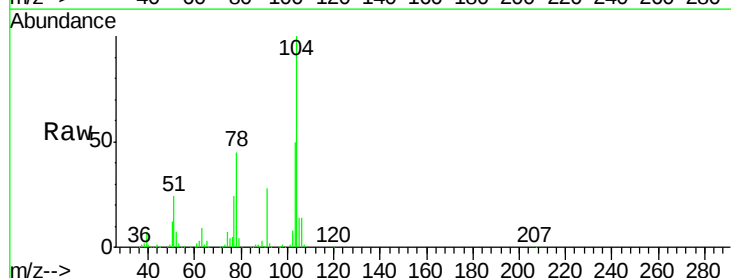
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD02

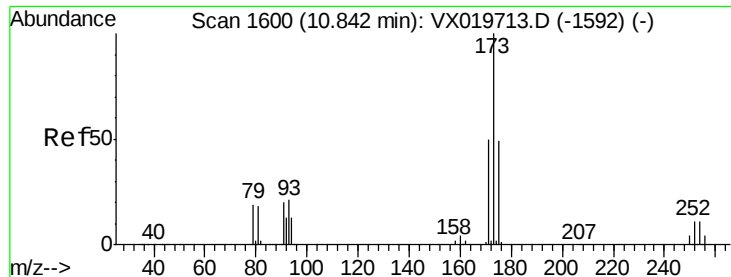
Tgt Ion:106 Resp: 93152
Ion Ratio Lower Upper
106 100
91 217.8 108.1 324.2



#70
Styrene
Concen: 18.942 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX020035.D
Acq: 16 Dec 2020 01:05

Tgt Ion:104 Resp: 159072
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 18.743 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

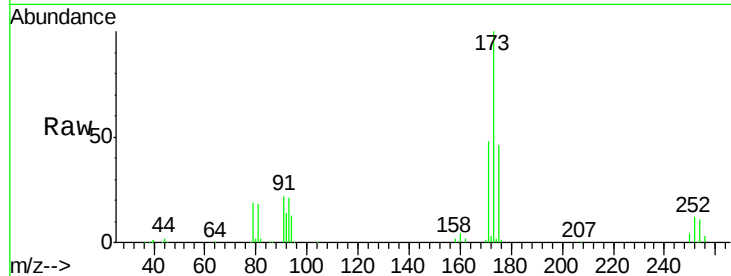
Tgt Ion:173 Resp: 41039

Ion Ratio Lower Upper

173 100

175 47.6 23.9 71.8

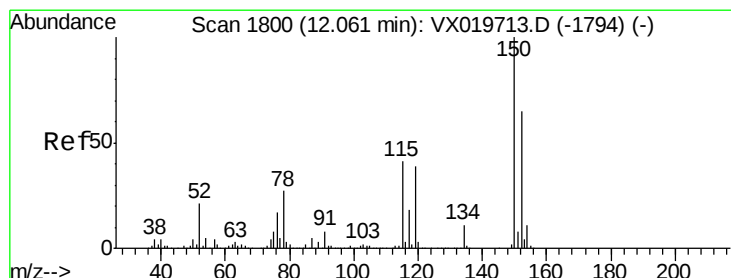
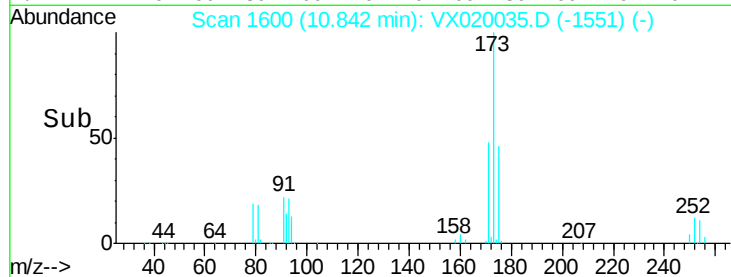
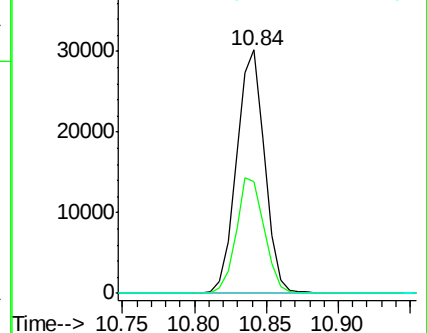
254 0.0 0.1 0.1#



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: VX020035.D

Acq: 16 Dec 2020 01:05

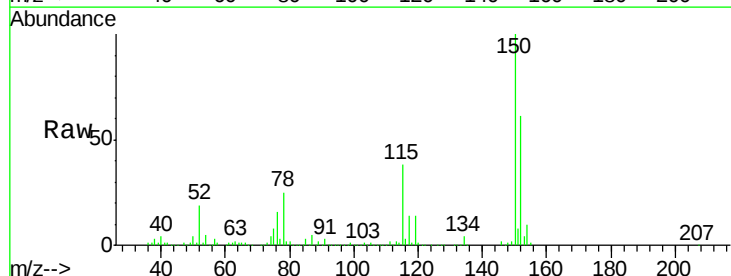
Tgt Ion:152 Resp: 189020

Ion Ratio Lower Upper

152 100

115 68.2 41.1 123.3

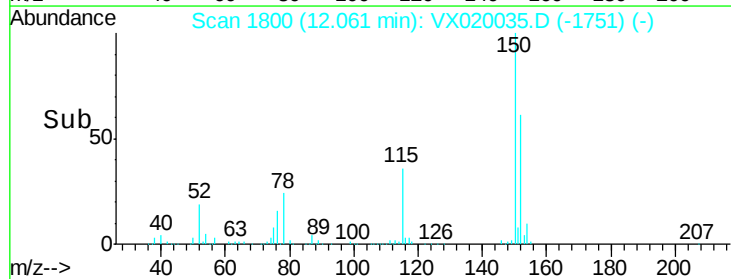
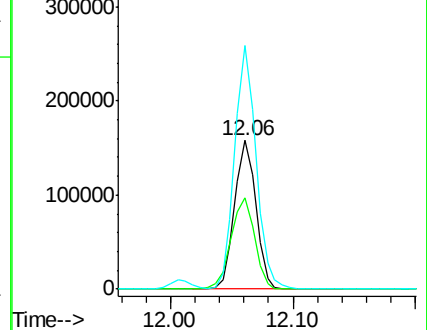
150 165.0 0.0 349.0

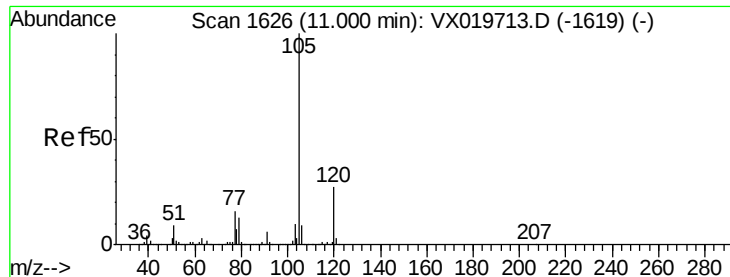


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.688 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

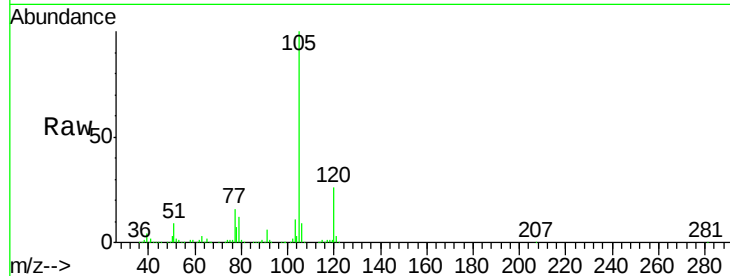
VX1215WBSD02

Tgt Ion: 105 Resp: 254249

Ion Ratio Lower Upper

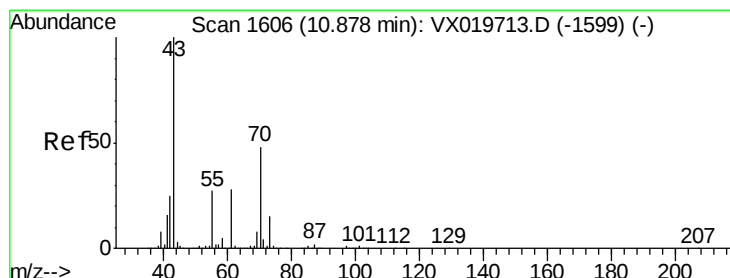
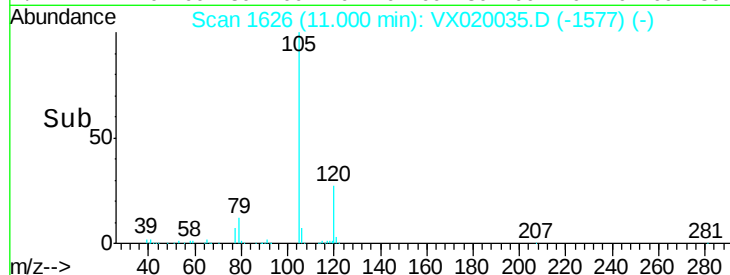
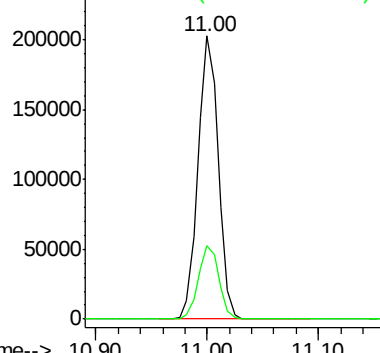
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.341 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Tgt Ion: 43 Resp: 100094

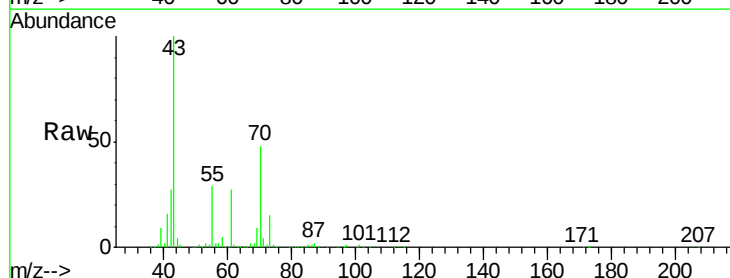
Ion Ratio Lower Upper

43 100

70 49.5 39.0 58.6

55 29.0 21.5 32.3

61 27.5 22.1 33.1

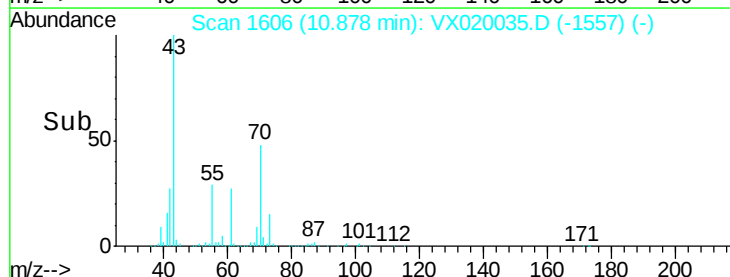
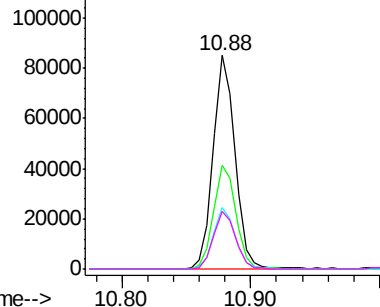


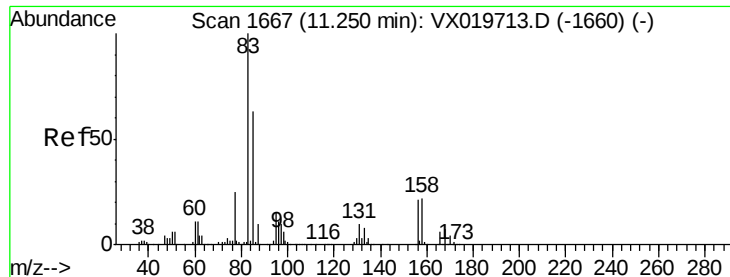
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.879 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

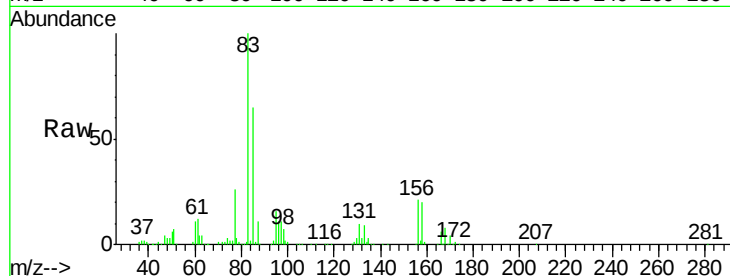
Tgt Ion: 83 Resp: 95062

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

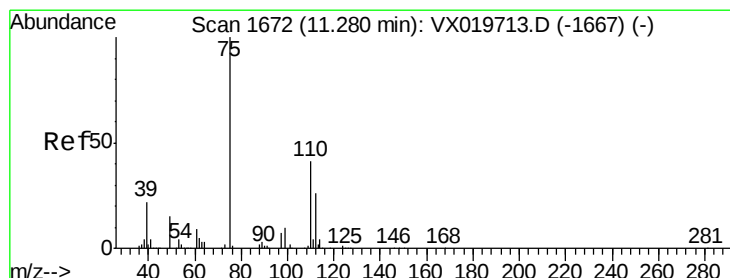
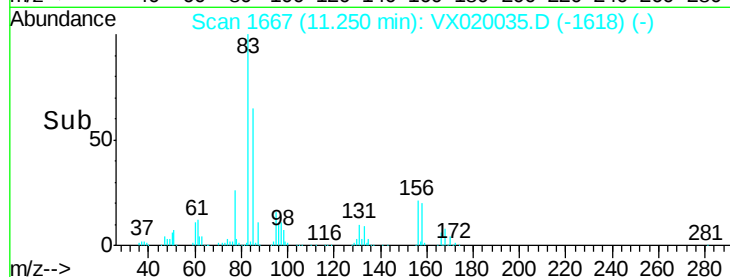
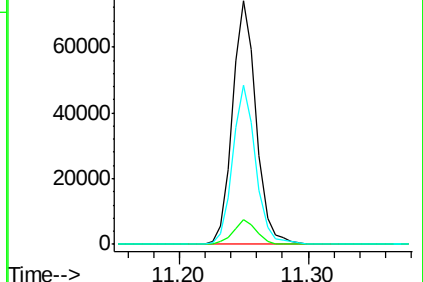
85 63.7 31.8 95.4



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: 24.000 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX020035.D

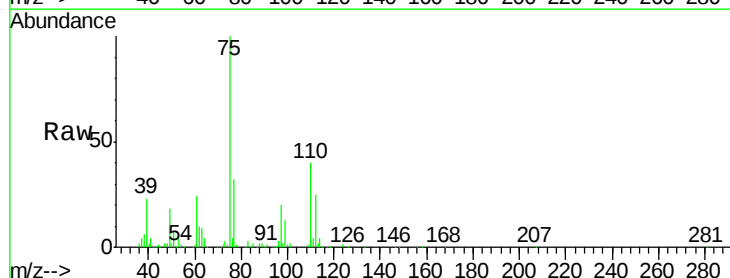
Acq: 16 Dec 2020 01:05

Tgt Ion: 75 Resp: 101747

Ion Ratio Lower Upper

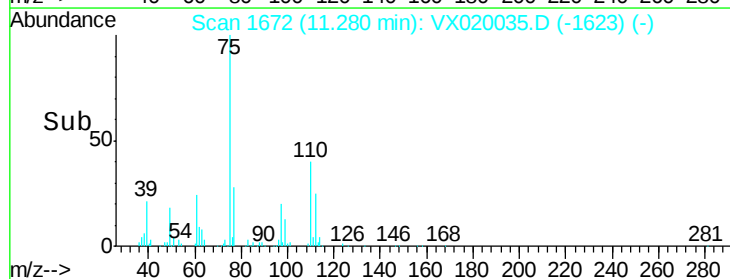
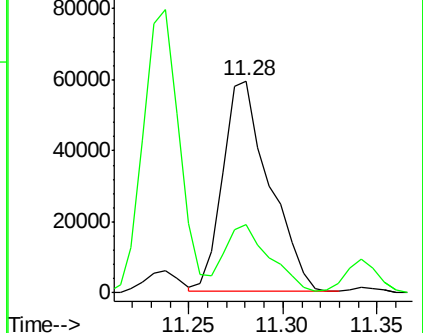
75 100

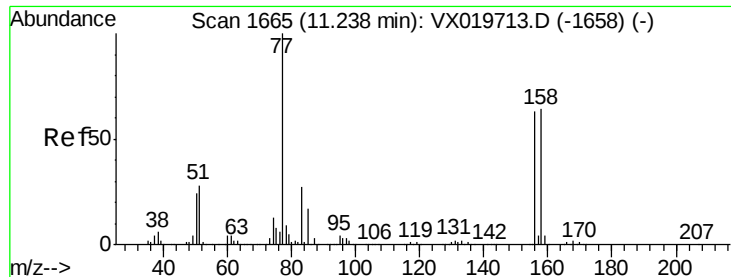
77 30.9 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.481 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

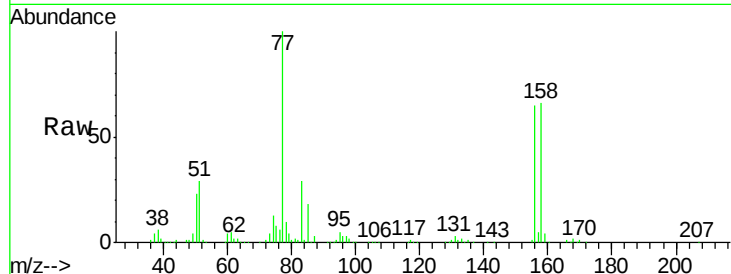
Tgt Ion:156 Resp: 64379

Ion Ratio Lower Upper

156 100

77 167.3 82.8 248.6

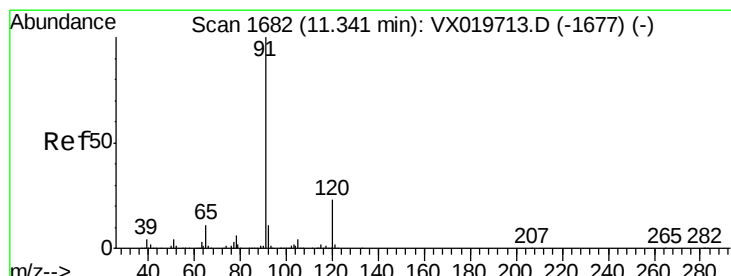
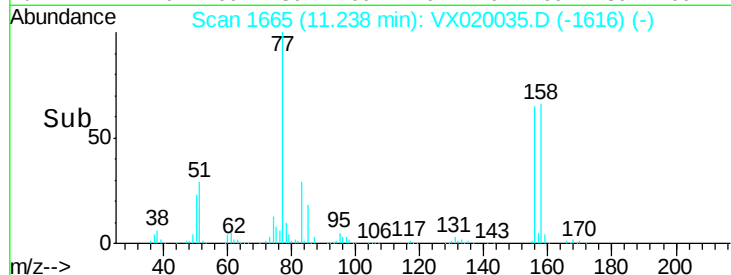
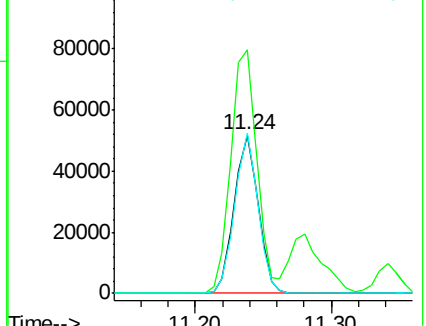
158 97.5 49.1 147.4



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: 19.112 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX020035.D

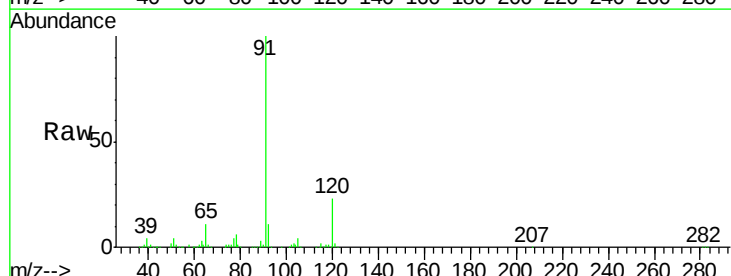
Acq: 16 Dec 2020 01:05

Tgt Ion: 91 Resp: 281889

Ion Ratio Lower Upper

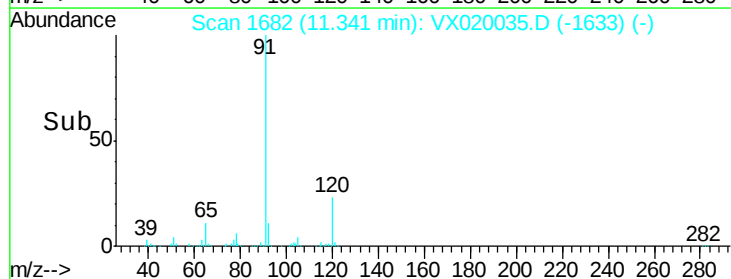
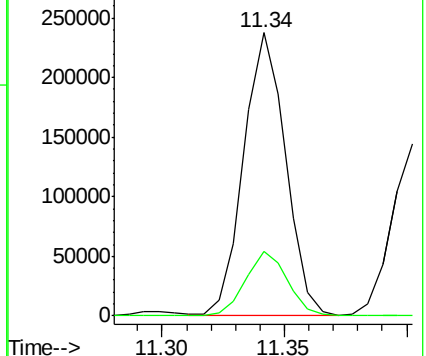
91 100

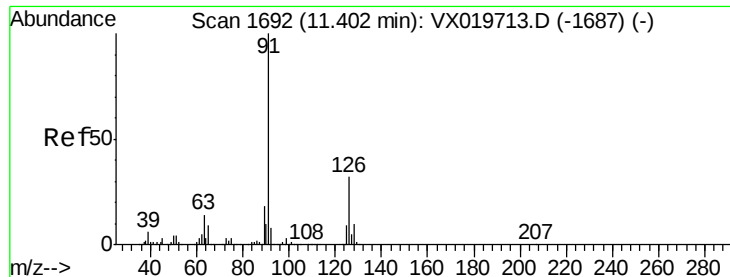
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

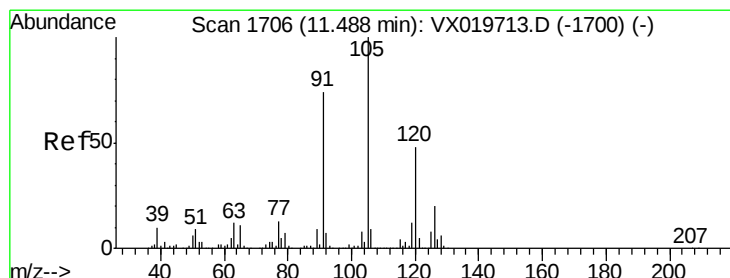
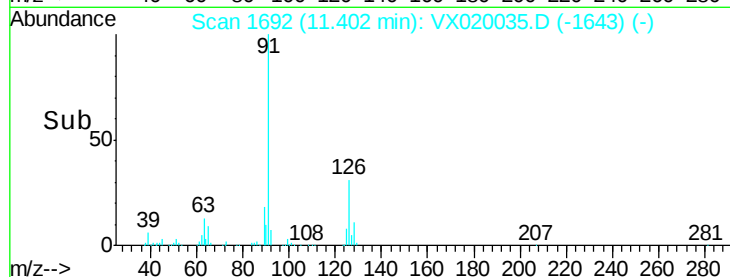
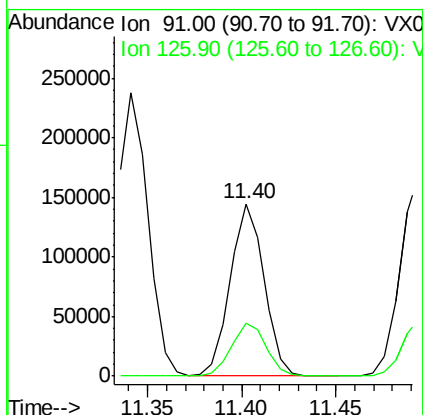
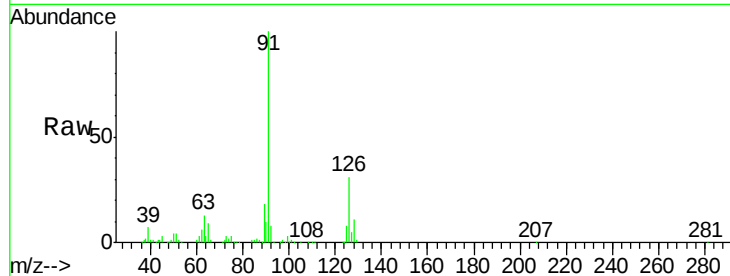




#79
 2-Chlorotoluene
 Concen: 19.694 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

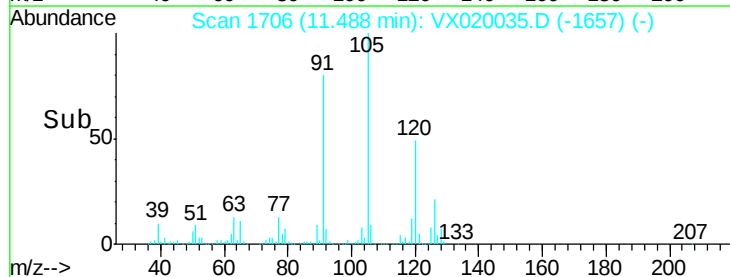
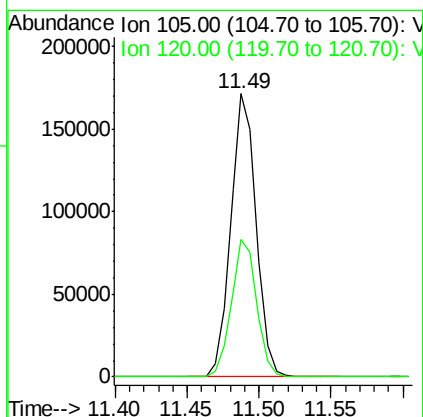
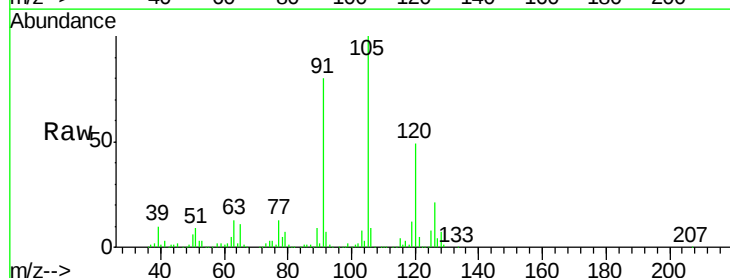
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

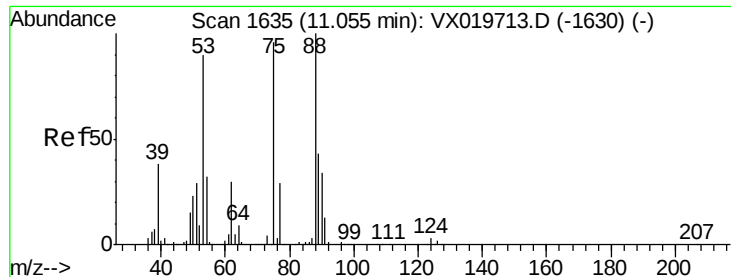
Tgt Ion: 91 Resp: 178878
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.391 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 105 Resp: 211343
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 16.923 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

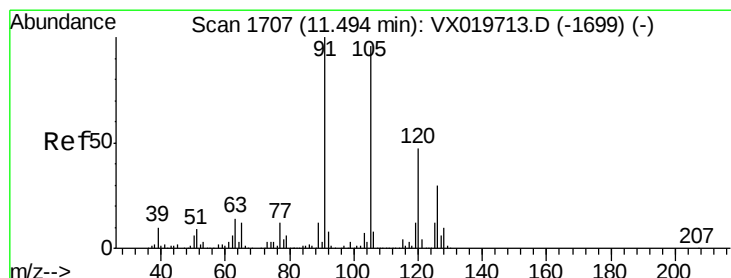
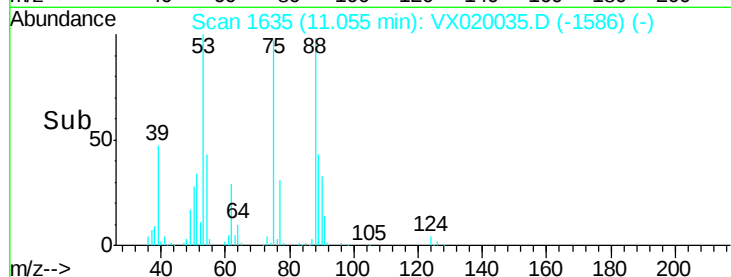
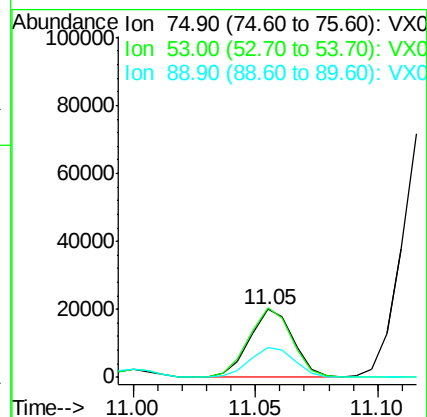
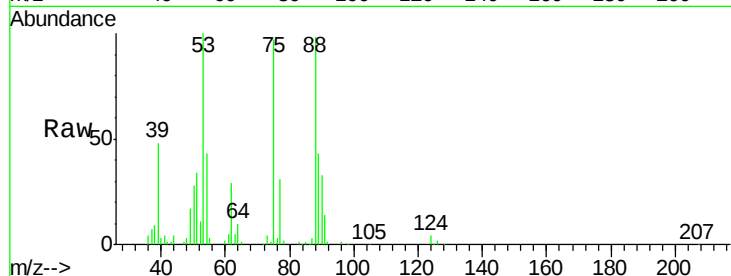
Tgt Ion: 75 Resp: 24817

Ion Ratio Lower Upper

75 100

53 103.0 74.5 111.7

89 45.5 37.9 56.9



#82

4-Chlorotoluene

Concen: 19.161 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX020035.D

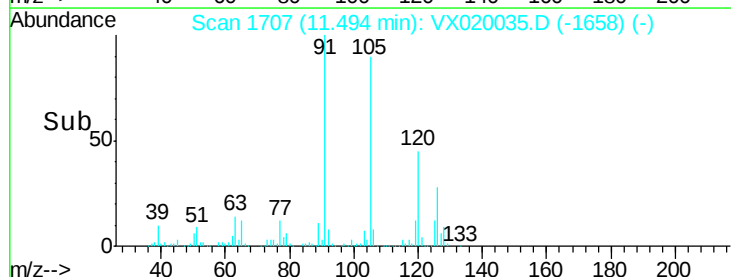
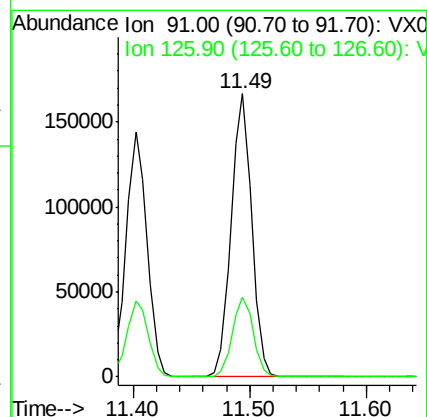
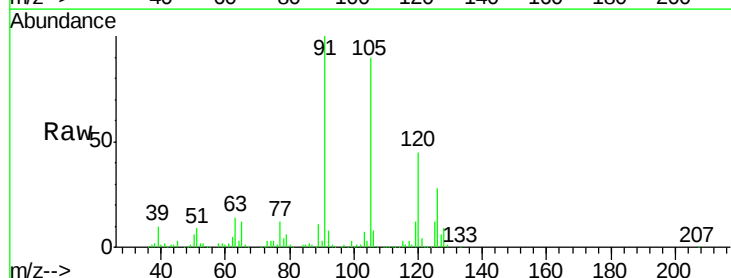
Acq: 16 Dec 2020 01:05

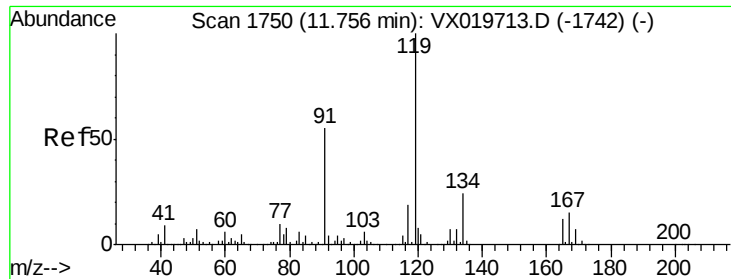
Tgt Ion: 91 Resp: 203833

Ion Ratio Lower Upper

91 100

126 28.6 14.9 44.5

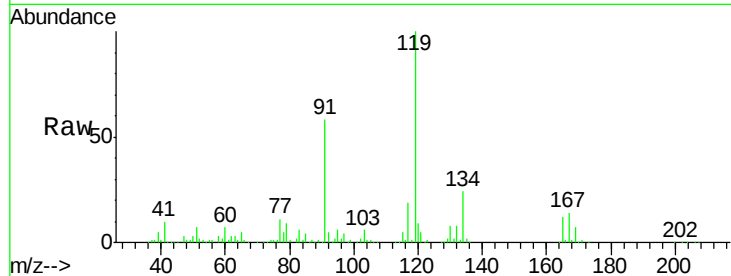




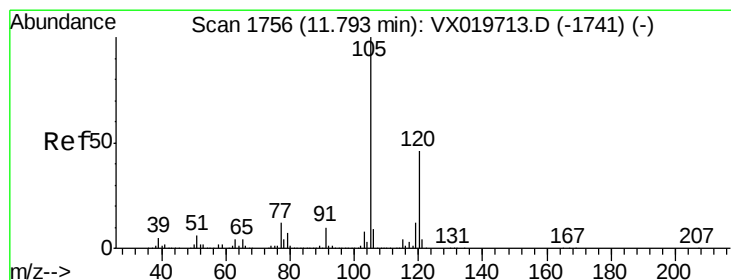
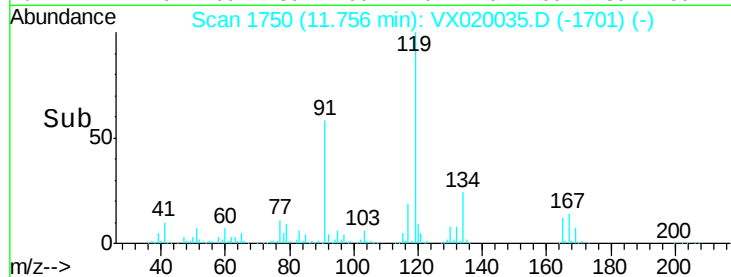
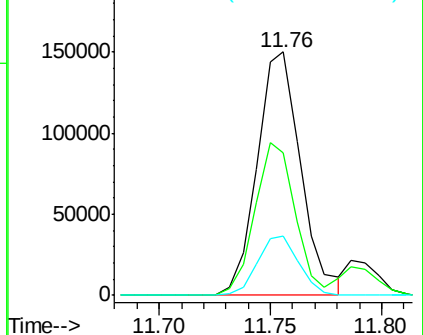
#83
 tert-Butylbenzene
 Concen: 19.151 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

Tgt Ion:119 Resp: 204706
 Ion Ratio Lower Upper
 119 100
 91 58.1 27.9 83.7
 134 23.2 11.3 33.9

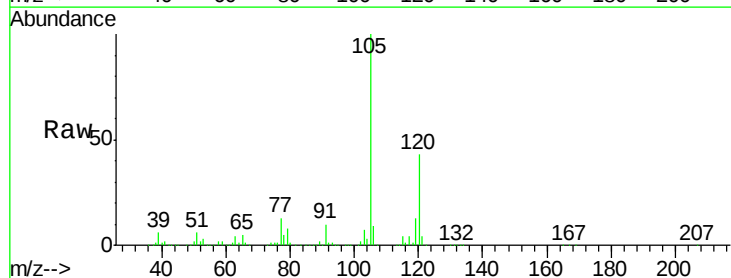


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

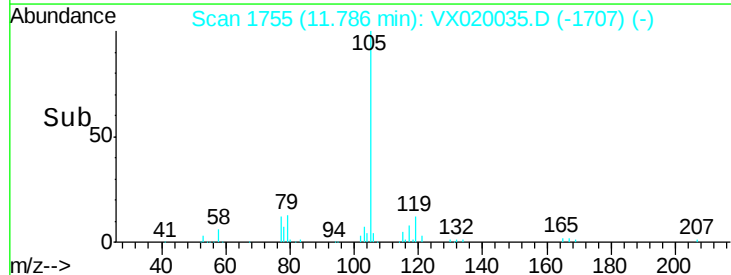
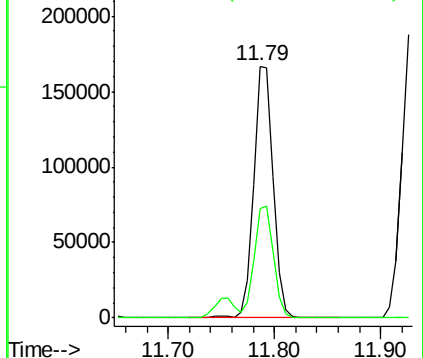


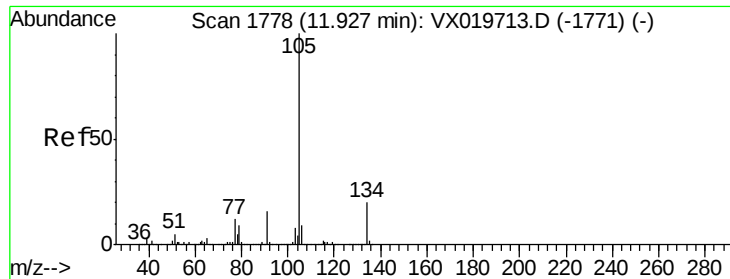
#84
 1,2,4-Trimethylbenzene
 Concen: 19.532 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion:105 Resp: 214431
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

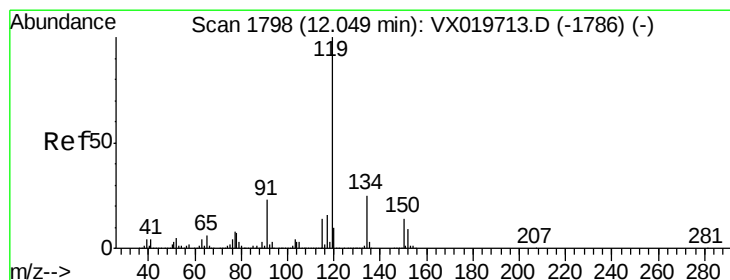
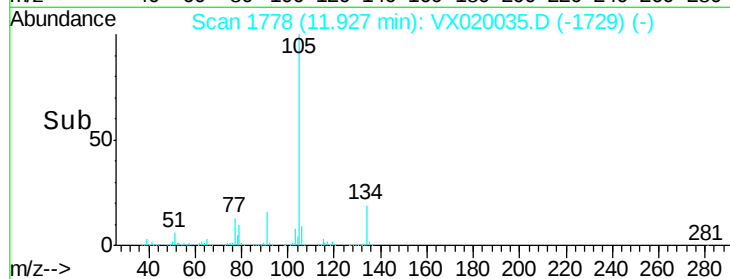
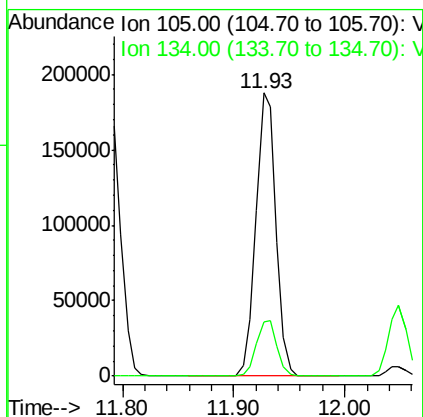
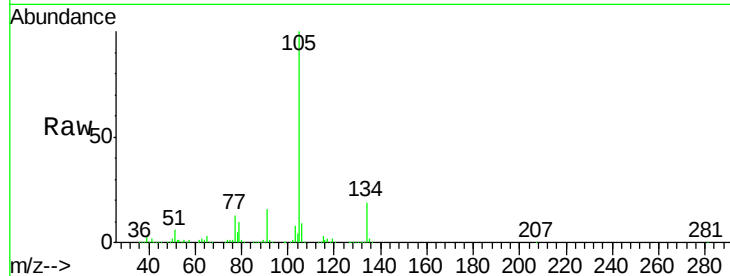




#85
 sec-Butylbenzene
 Concen: 19.255 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

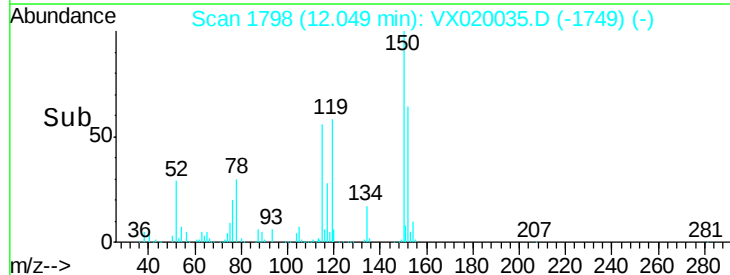
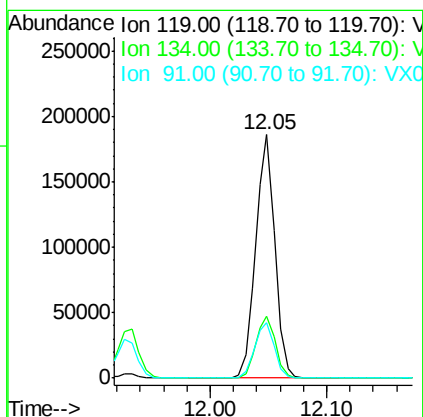
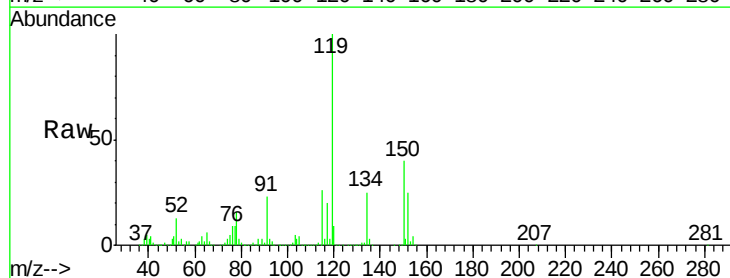
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

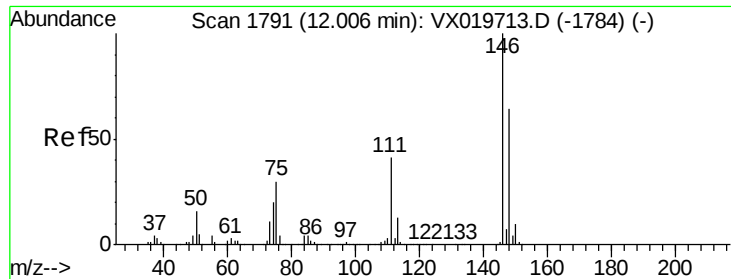
Tgt Ion:105 Resp: 234989
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.092 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion:119 Resp: 213542
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.4 11.7 35.0

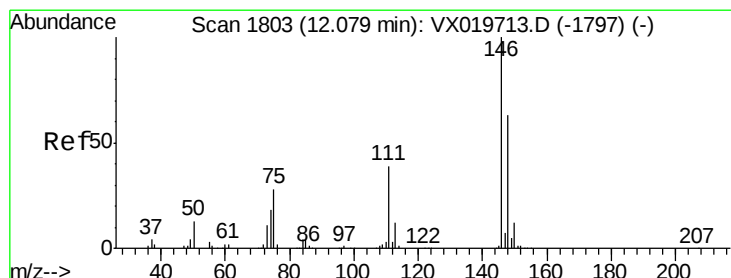
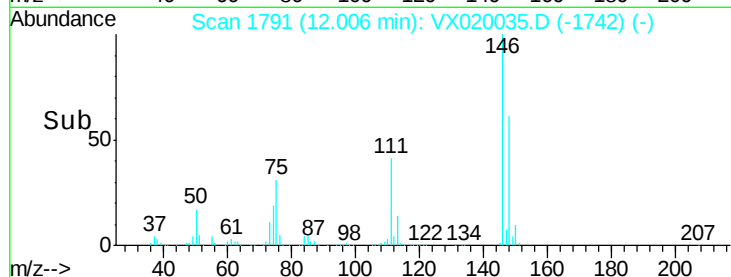
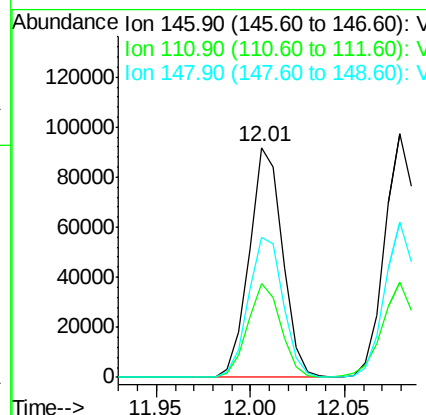
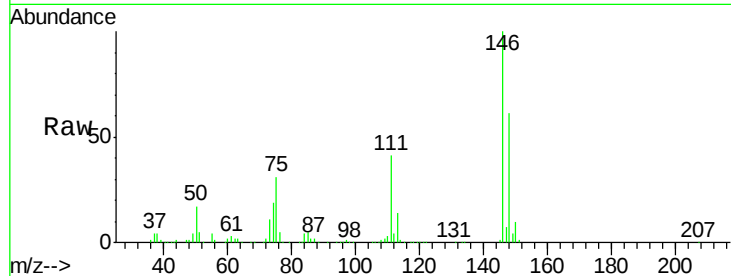




#87
 1,3-Dichlorobenzene
 Concen: 18.535 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

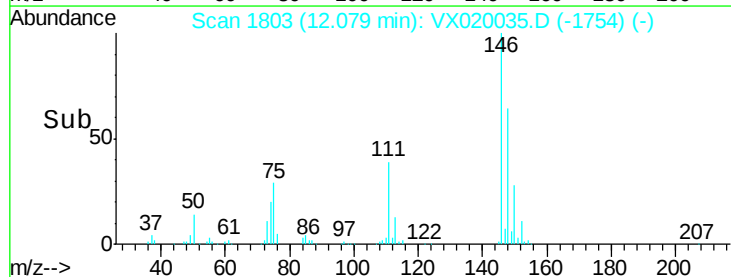
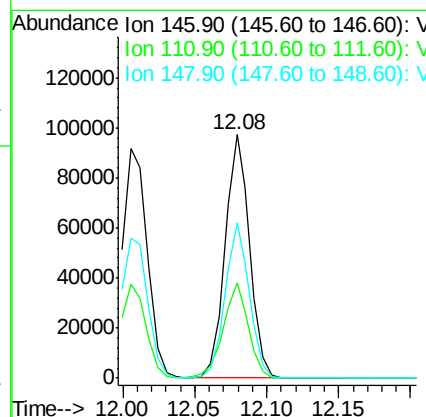
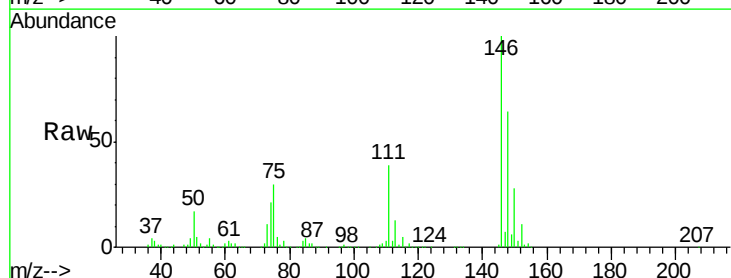
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

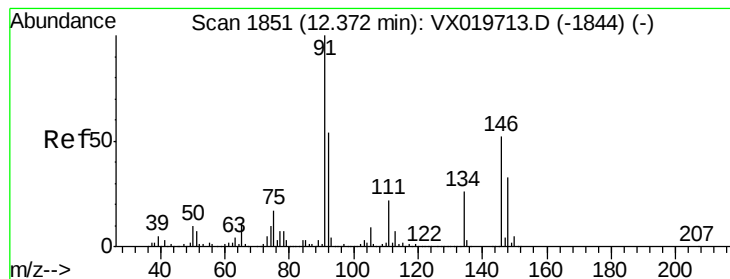
Tgt Ion:146 Resp: 112426
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.2 60.5
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.755 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion:146 Resp: 115867
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.6 58.8
 148 63.4 31.6 95.0





#89

n-Butylbenzene

Concen: 17.944 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

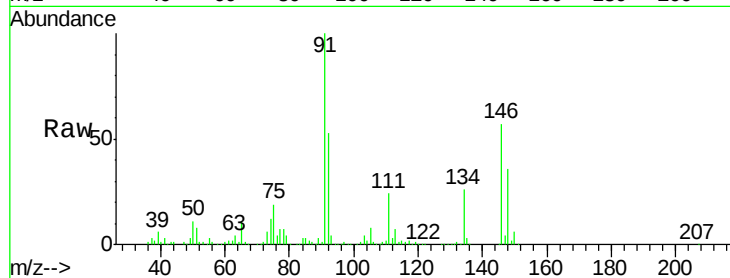
Tgt Ion: 91 Resp: 177811

Ion Ratio Lower Upper

91 100

92 53.2 27.4 82.0

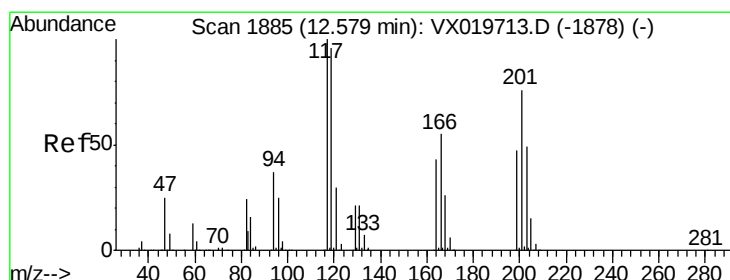
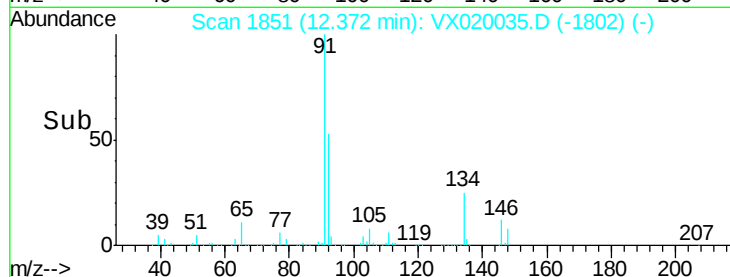
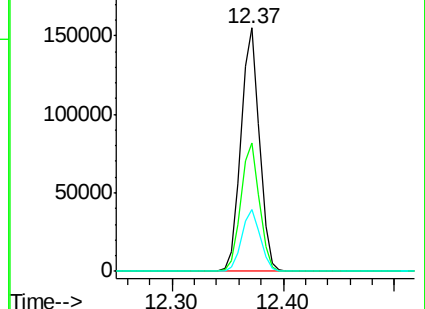
134 25.5 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.386 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX020035.D

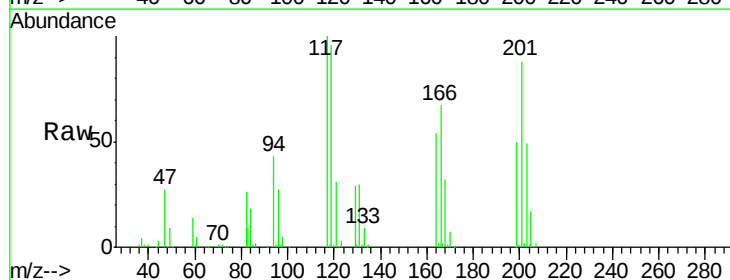
Acq: 16 Dec 2020 01:05

Tgt Ion: 117 Resp: 35502

Ion Ratio Lower Upper

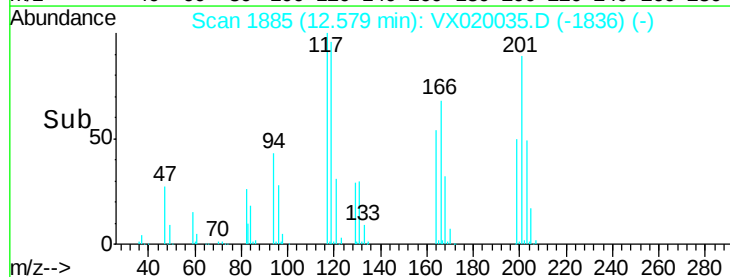
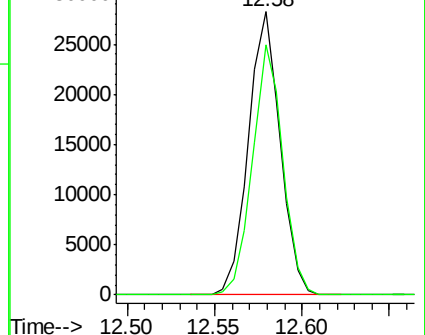
117 100

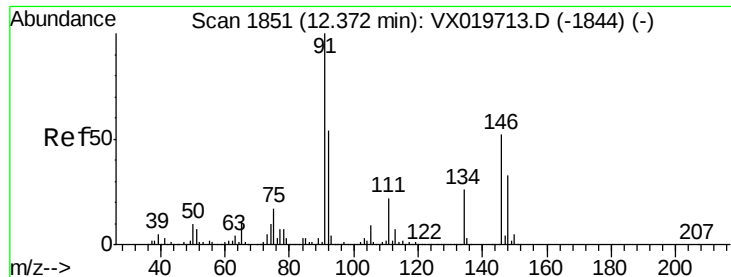
201 84.3 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

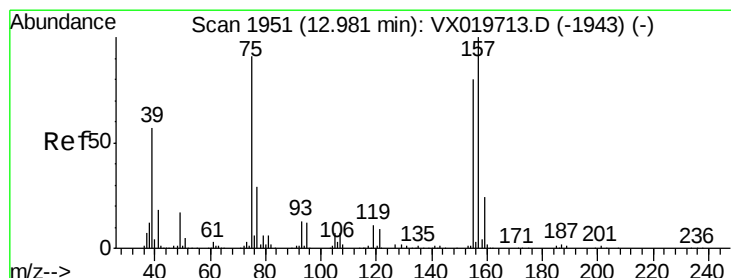
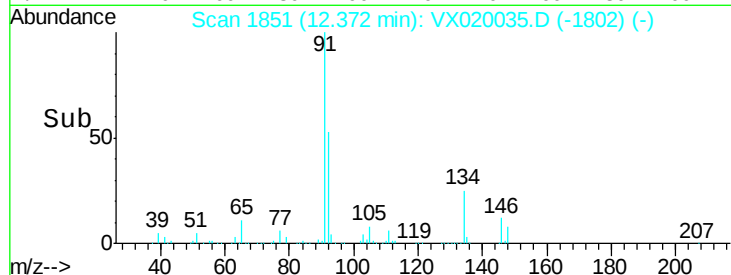
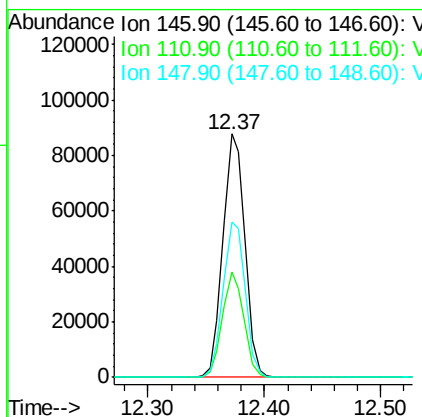
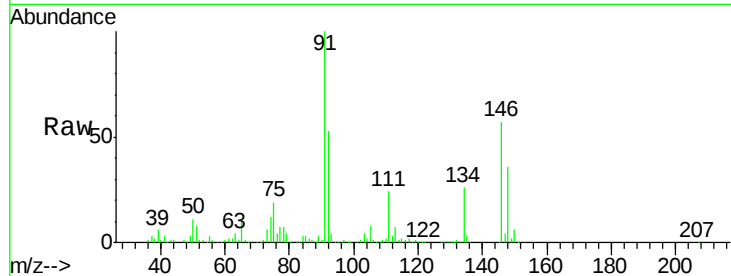




#91
 1,2-Dichlorobenzene
 Concen: 19.278 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

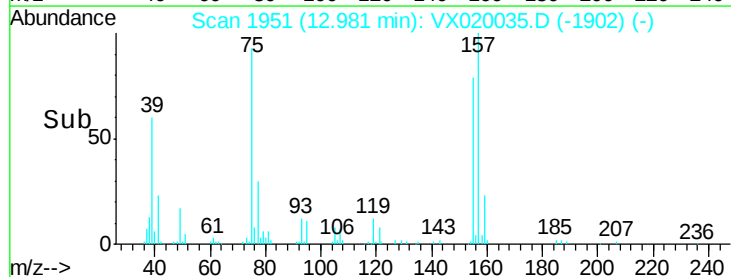
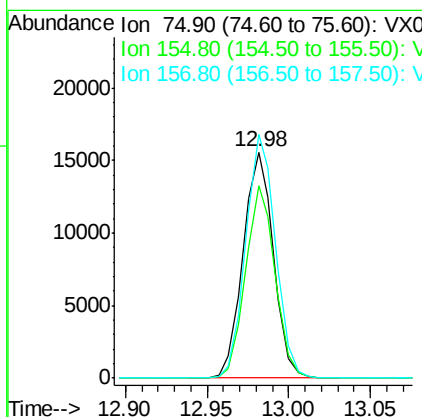
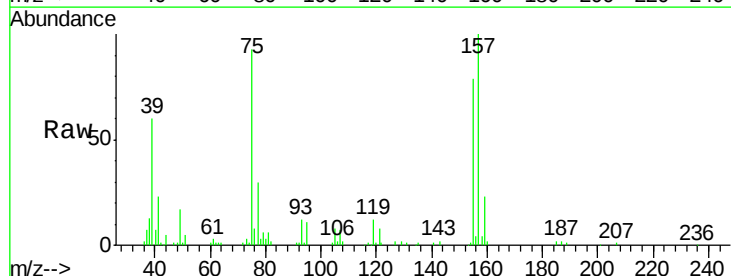
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

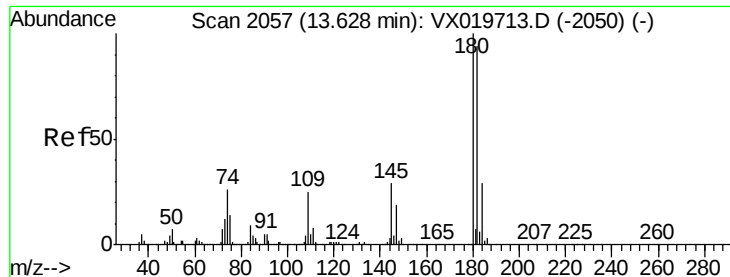
Tgt Ion: 146 Resp: 113988
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.2
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.575 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion: 75 Resp: 20138
 Ion Ratio Lower Upper
 75 100
 155 82.9 45.3 135.9
 157 106.0 57.7 173.1

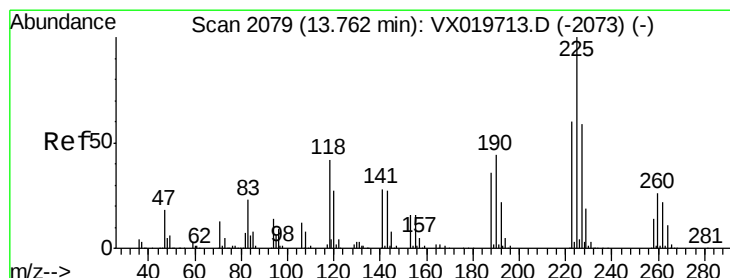
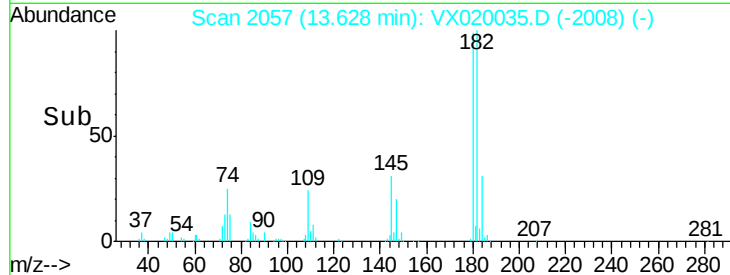
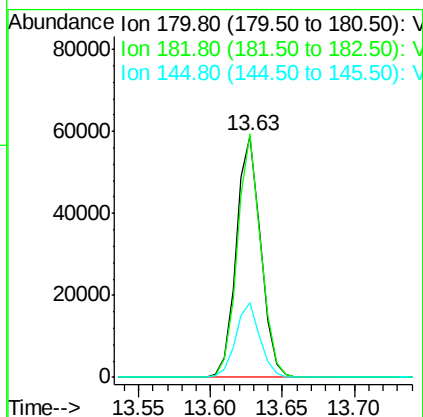
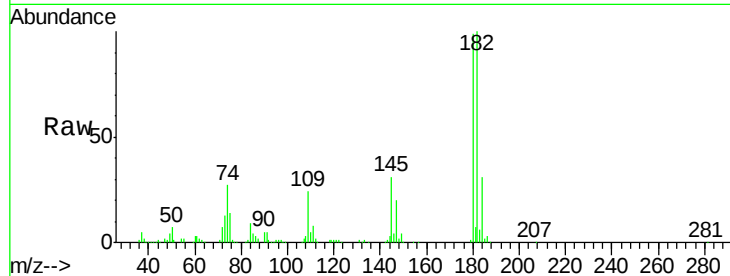




#93
 1,2,4-Trichlorobenzene
 Concen: 18.098 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

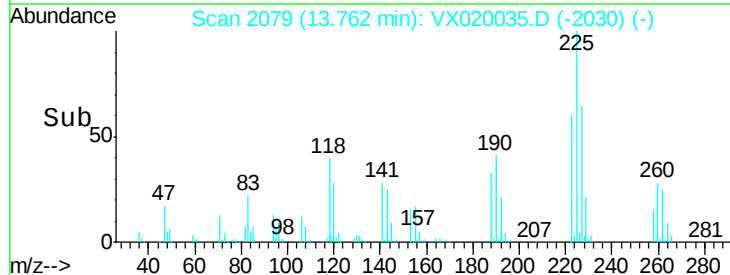
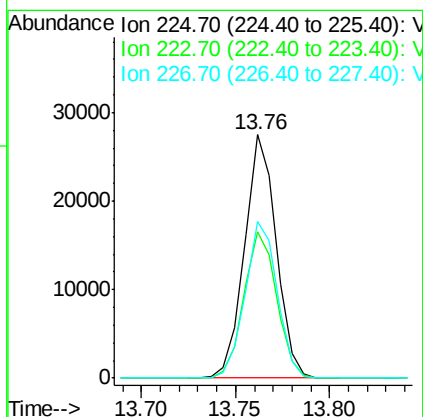
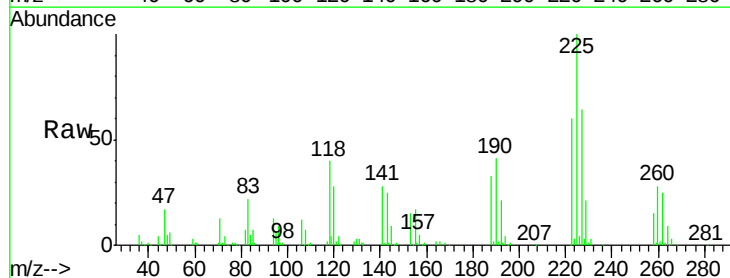
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD02

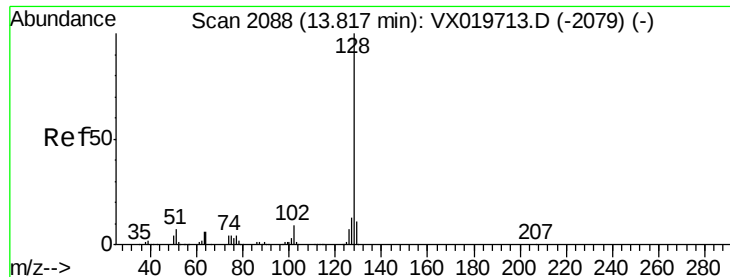
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	30.7	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 18.625 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX020035.D
 Acq: 16 Dec 2020 01:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.1	93.2
227	65.3	31.6	95.0





#95

Naphthalene

Concen: 19.554 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD02

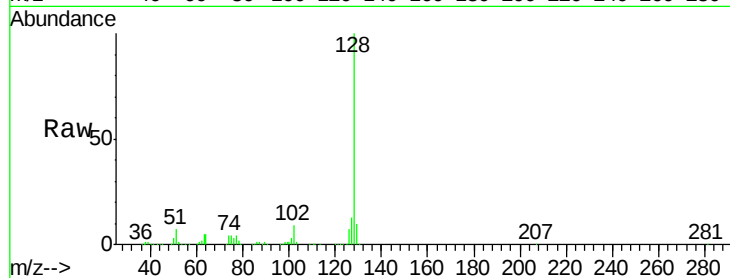
Tgt Ion:128 Resp: 244005

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

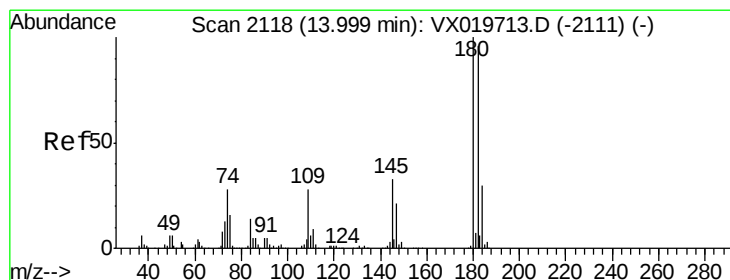
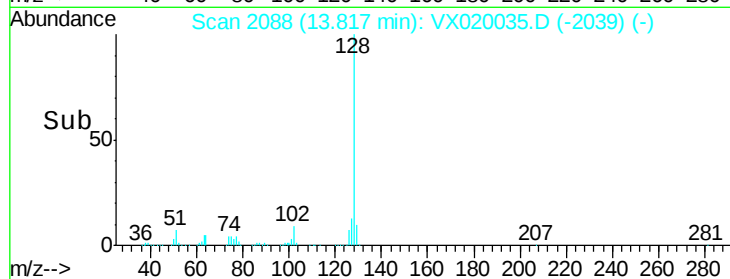
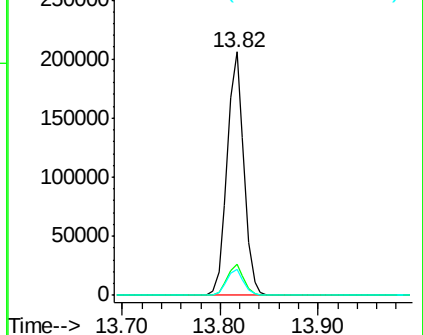
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.690 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX020035.D

Acq: 16 Dec 2020 01:05

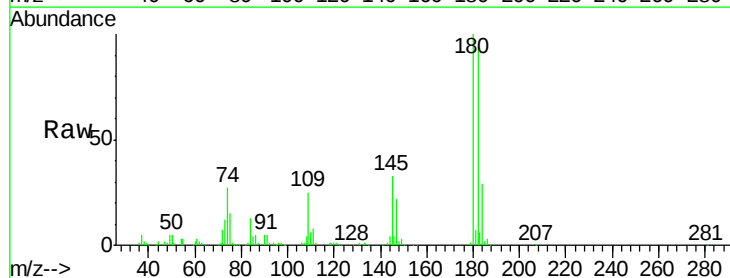
Tgt Ion:180 Resp: 74066

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 32.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

