

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020008.D
 Acq On : 15 Dec 2020 13:52
 Operator : JC/MD
 Sample : VX1215WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

Quant Time: Dec 16 00:23:19 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	262681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	425029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	391044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172815	50.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.12%
35) Dibromofluoromethane	5.46	113	138238	50.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.66%
50) Toluene-d8	8.70	98	523601	49.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.86%
62) 4-Bromofluorobenzene	11.12	95	198181	49.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	40149	16.694	ug/l	99
3) Chloromethane	1.31	50	46411	16.409	ug/l	99
4) Vinyl Chloride	1.39	62	52035	17.448	ug/l	99
5) Bromomethane	1.62	94	25192	25.440	ug/l	96
6) Chloroethane	1.71	64	35078	19.580	ug/l	99
7) Trichlorofluoromethane	1.92	101	75684	18.223	ug/l	100
8) Diethyl Ether	2.17	74	34007	19.322	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46713	19.623	ug/l	98
10) Methyl Iodide	2.49	142	46431	13.232	ug/l	99
11) Tert butyl alcohol	3.01	59	72999	101.296	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44557	18.514	ug/l	99
13) Acrolein	2.27	56	25428	66.726	ug/l	100
14) Allyl chloride	2.70	41	75670	18.616	ug/l	98
15) Acrylonitrile	3.11	53	162141	103.888	ug/l	100
16) Acetone	2.42	43	130903	100.875	ug/l	99
17) Carbon Disulfide	2.55	76	104027	15.064	ug/l	100
18) Methyl Acetate	2.75	43	70720	22.270	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	179354	20.463	ug/l	98
20) Methylene Chloride	2.83	84	58330	18.802	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	50915	18.146	ug/l	97
22) Diisopropyl ether	3.82	45	172154	20.948	ug/l	99
23) Vinyl Acetate	3.78	43	718335	102.595	ug/l	99
24) 1,1-Dichloroethane	3.67	63	97589	19.692	ug/l	100
25) 2-Butanone	4.63	43	206721	103.671	ug/l	100
26) 2,2-Dichloropropane	4.54	77	78978	18.505	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61702	18.791	ug/l	99
28) Bromochloromethane	4.98	49	44632	18.892	ug/l	98
29) Tetrahydrofuran	5.09	42	130867	101.865	ug/l	99
30) Chloroform	5.17	83	101385	19.896	ug/l	97
31) Cyclohexane	5.54	56	77466	18.038	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	83339	18.991	ug/l	99
36) 1,1-Dichloropropene	5.76	75	70327	18.311	ug/l	99
37) Ethyl Acetate	4.79	43	77641	20.022	ug/l	99
38) Carbon Tetrachloride	5.75	117	69812	18.562	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	80909	17.931	ug/l	99
40) Benzene	6.11	78	225601	19.229	ug/l	98
41) Methacrylonitrile	5.00	41	42822	20.113	ug/l	98
42) 1,2-Dichloroethane	6.15	62	80895	20.181	ug/l	100
43) Isopropyl Acetate	6.40	43	123953	19.661	ug/l	99
44) Trichloroethene	7.18	130	55966	18.181	ug/l	98
45) 1,2-Dichloropropane	7.48	63	58609	19.988	ug/l	99
46) Dibromomethane	7.63	93	39815	20.107	ug/l	96
47) Bromodichloromethane	7.87	83	76973	19.590	ug/l	99
48) Methyl methacrylate	7.74	41	61350	19.786	ug/l	98
49) 1,4-Dioxane	7.71	88	29283	389.856	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	401501	104.309	ug/l	99
52) Toluene	8.76	92	139602	19.025	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	83244	19.091	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	92023	19.426	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	61253	20.714	ug/l	99
56) Ethyl methacrylate	9.16	69	87636	19.588	ug/l	99
57) 1,3-Dichloropropane	9.35	76	102205	20.242	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	240178	101.337	ug/l	100
59) 2-Hexanone	9.47	43	302049	101.237	ug/l	98
60) Dibromochloromethane	9.56	129	58952	19.622	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62018	19.751	ug/l	99
64) Tetrachloroethene	9.32	164	52078	19.859	ug/l	97
65) Chlorobenzene	10.12	112	148823	19.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56470	20.138	ug/l	98
67) Ethyl Benzene	10.23	91	260583	18.843	ug/l	99
68) m/p-Xylenes	10.34	106	196844	37.775	ug/l	99
69) o-Xylene	10.68	106	93357	18.624	ug/l	99
70) Styrene	10.70	104	161828	19.127	ug/l	99
71) Bromoform	10.84	173	42322	19.186	ug/l #	99
73) Isopropylbenzene	11.00	105	257738	19.607	ug/l	99
74) N-amyl acetate	10.88	43	100494	19.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	95110	20.523	ug/l	98
76) 1,2,3-Trichloropropane	11.27	75	106556	24.693	ug/l	91
77) Bromobenzene	11.24	156	65657	19.518	ug/l	99
78) n-propylbenzene	11.34	91	292169	19.460	ug/l	99
79) 2-Chlorotoluene	11.40	91	181678	19.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	215810	19.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27176	18.205	ug/l	94
82) 4-Chlorotoluene	11.49	91	211074	19.493	ug/l	99
83) tert-Butylbenzene	11.75	119	209374	19.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	219408	19.633	ug/l	100
85) sec-Butylbenzene	11.93	105	239983	19.318	ug/l	100
86) p-Isopropyltoluene	12.05	119	223241	19.608	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120718	19.552	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119417	18.990	ug/l	98
89) n-Butylbenzene	12.37	91	190468	18.883	ug/l	99
90) Hexachloroethane	12.58	117	36180	18.407	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	118193	19.638	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19401	19.473	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

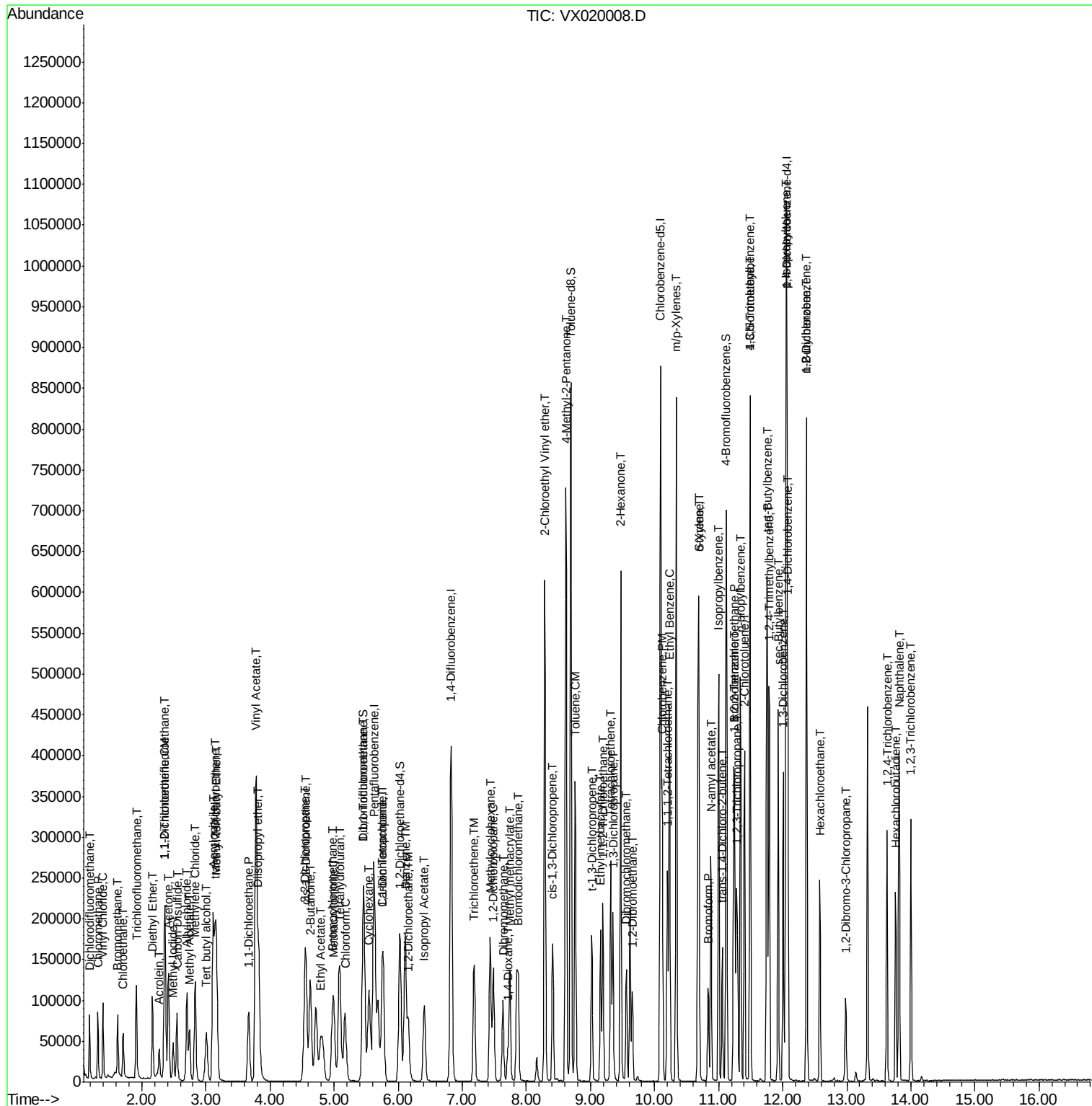
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75303	19.220	ug/l	99
94) Hexachlorobutadiene	13.76	225	34804	19.875	ug/l	99
95) Naphthalene	13.82	128	252682	19.893	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	75282	19.661	ug/l	99

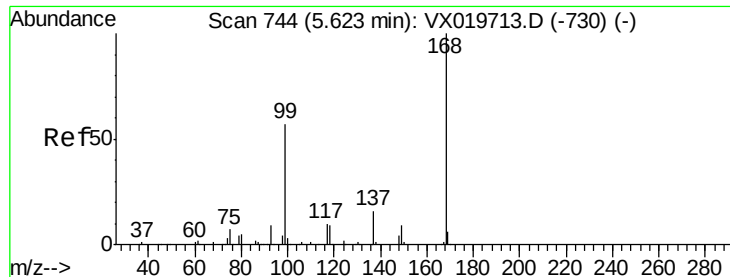
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampled :

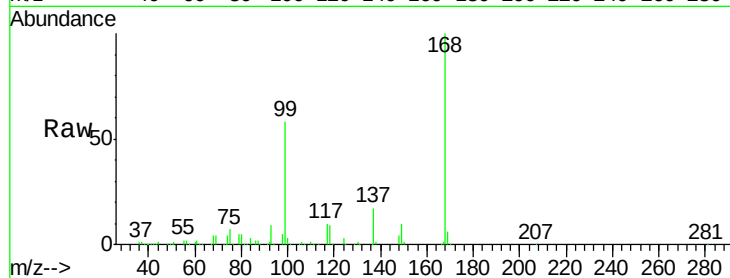
VX1215WBSD01

Tgt Ion:168 Resp: 262681

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

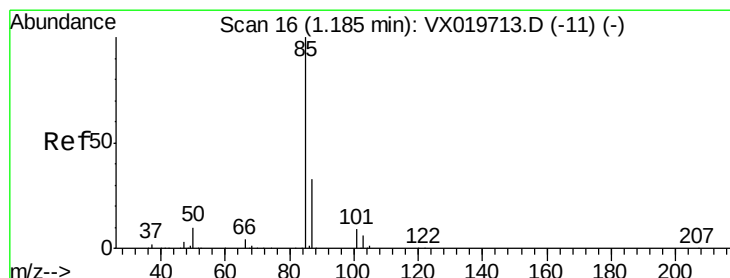
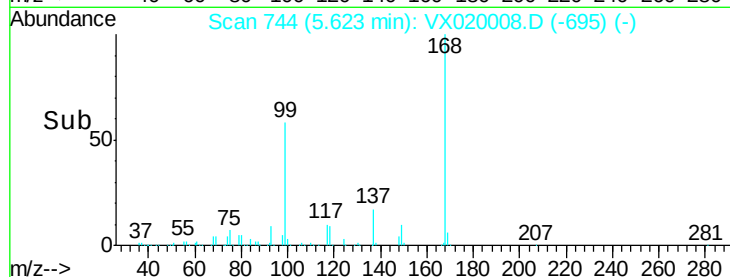
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.694 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020008.D

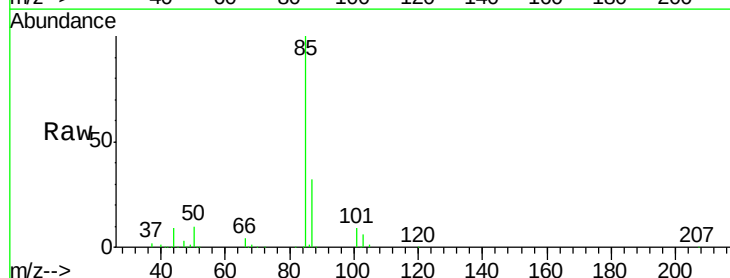
Acq: 15 Dec 2020 13:52

Tgt Ion: 85 Resp: 40149

Ion Ratio Lower Upper

85 100

87 32.4 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

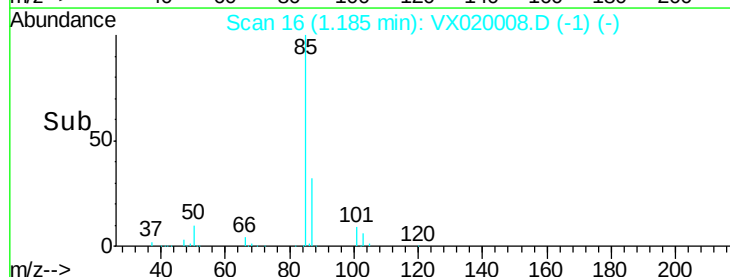
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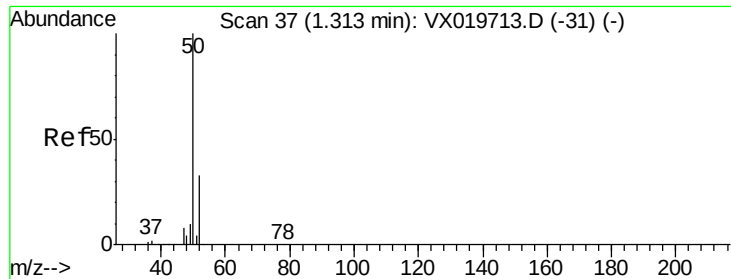
20000

10000

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Time-->





#3

Chloromethane

Concen: 16.409 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

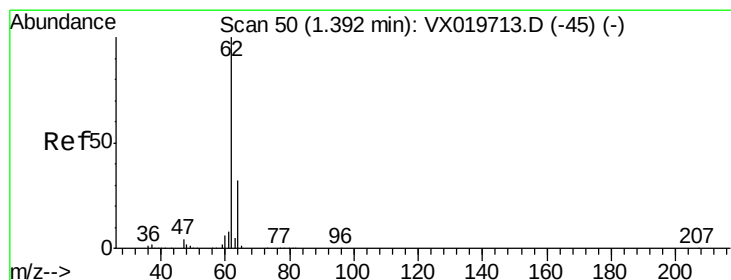
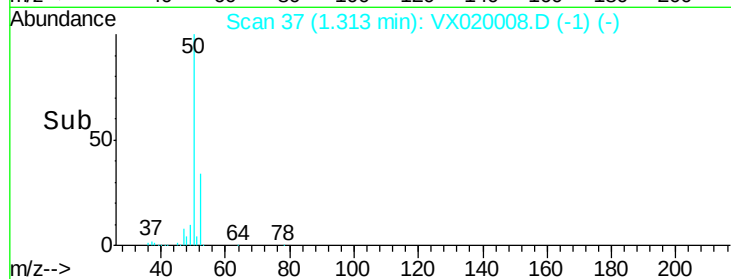
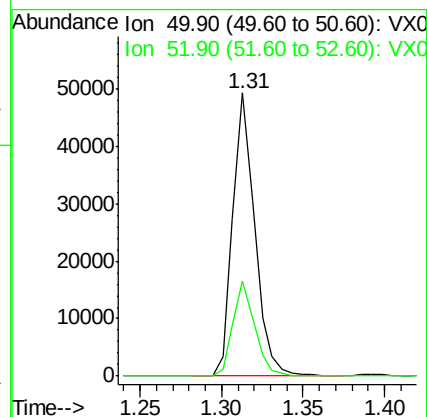
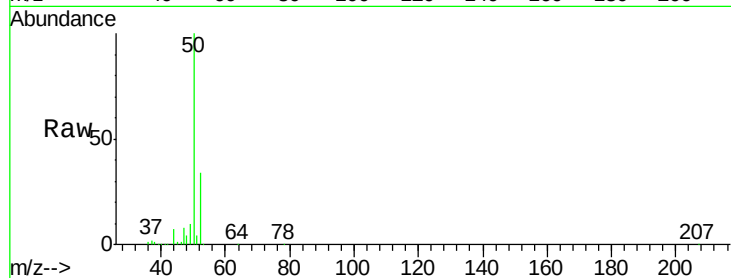
VX1215WBSD01

Tgt Ion: 50 Resp: 46411

Ion Ratio Lower Upper

50 100

52 33.6 26.4 39.6



#4

Vinyl Chloride

Concen: 17.448 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020008.D

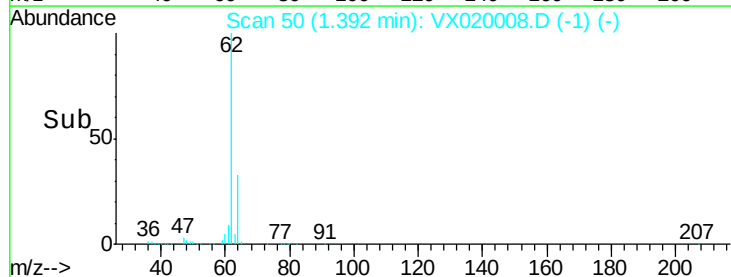
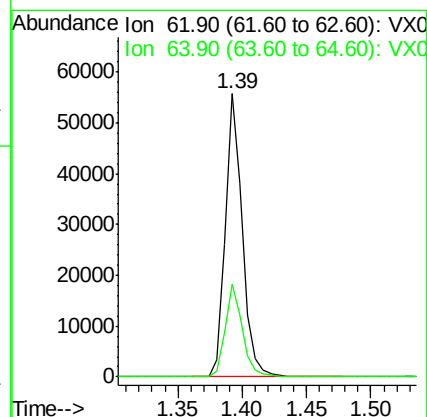
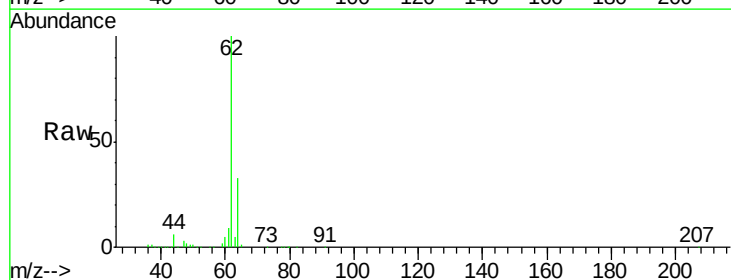
Acq: 15 Dec 2020 13:52

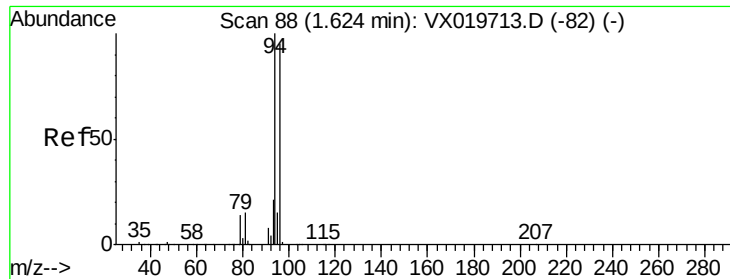
Tgt Ion: 62 Resp: 52035

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 25.440 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

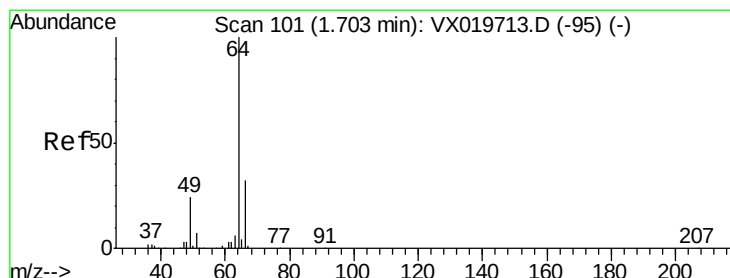
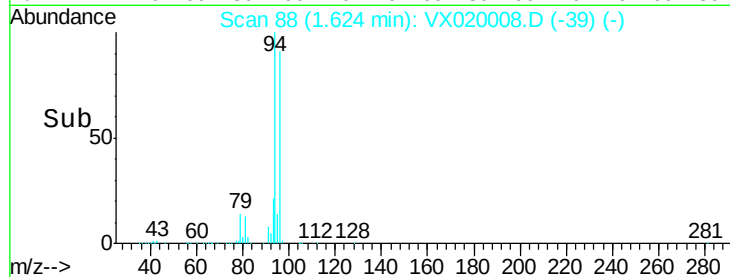
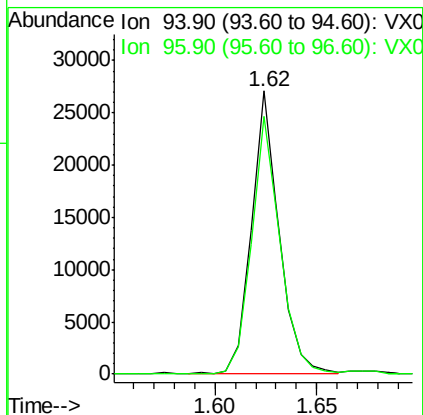
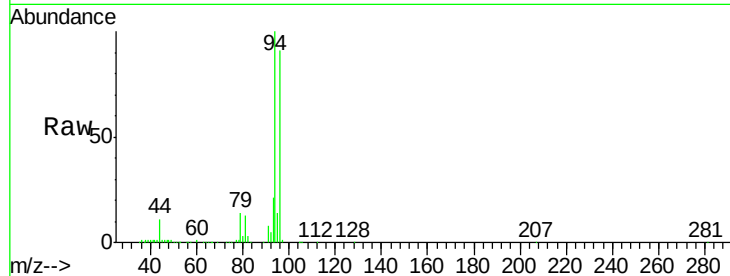
VX1215WBSD01

Tgt Ion: 94 Resp: 25192

Ion Ratio Lower Upper

94 100

96 91.6 76.4 114.6



#6

Chloroethane

Concen: 19.580 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX020008.D

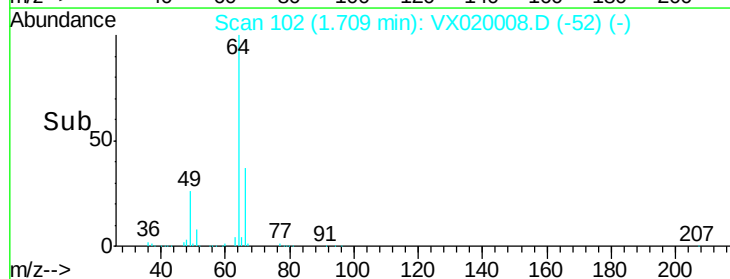
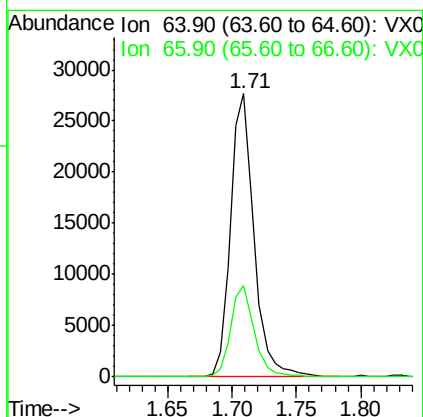
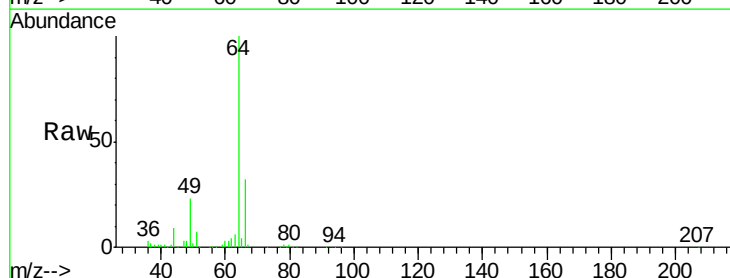
Acq: 15 Dec 2020 13:52

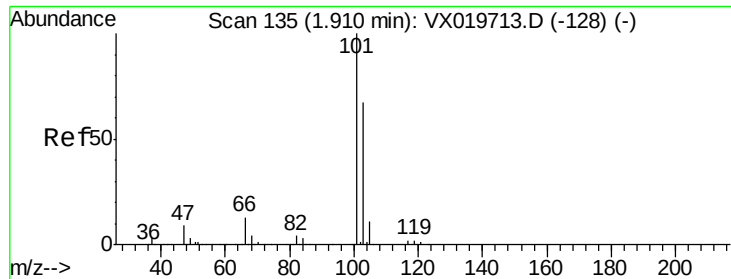
Tgt Ion: 64 Resp: 35078

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



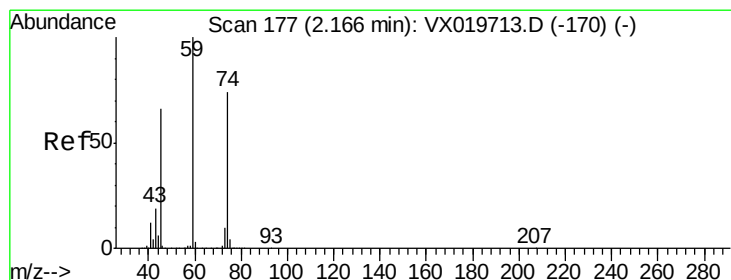
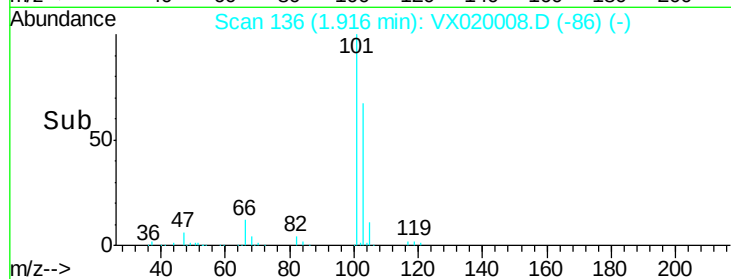
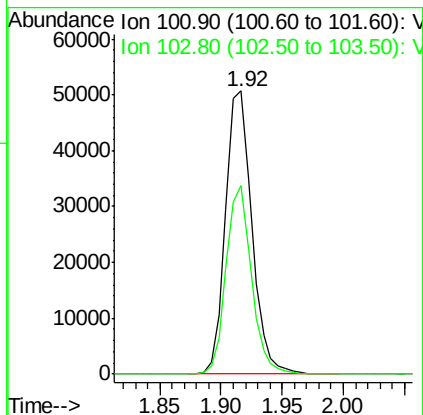
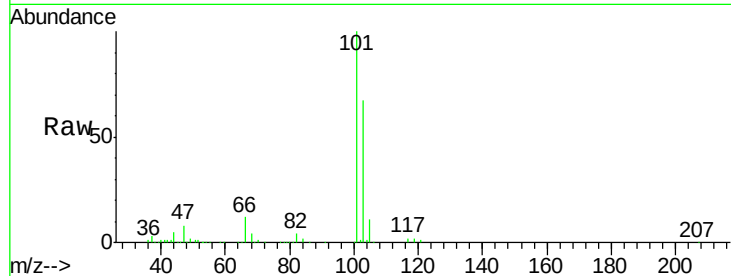


#7

Trichlorofluoromethane
Concen: 18.223 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

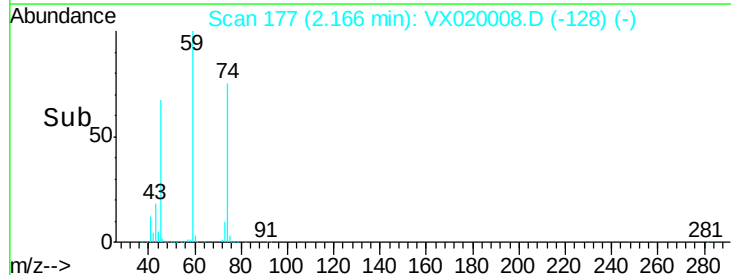
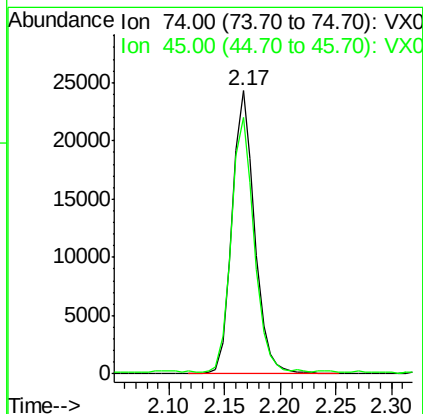
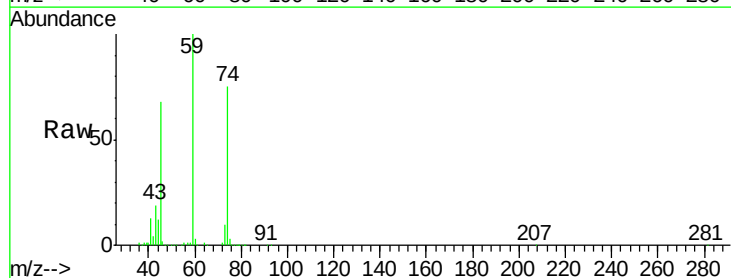
Tgt Ion:101 Resp: 75684
Ion Ratio Lower Upper
101 100
103 66.8 53.2 79.8

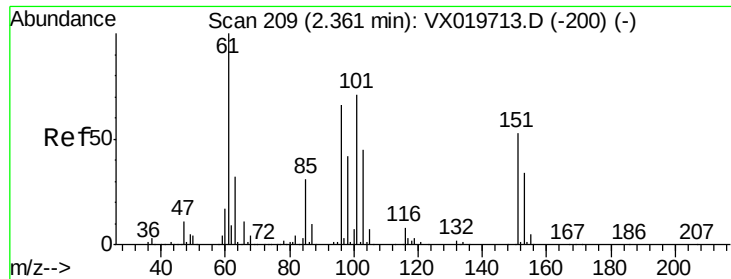


#8

Diethyl Ether
Concen: 19.322 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 74 Resp: 34007
Ion Ratio Lower Upper
74 100
45 91.2 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.623 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

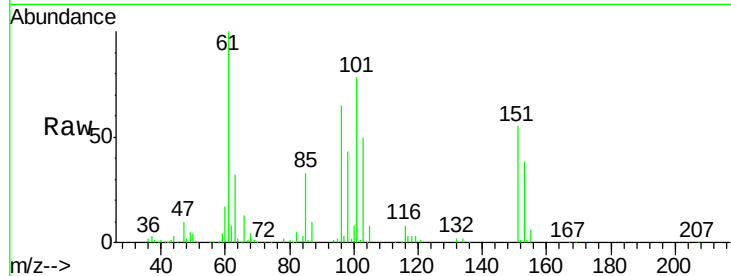
Tgt Ion:101 Resp: 46713

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

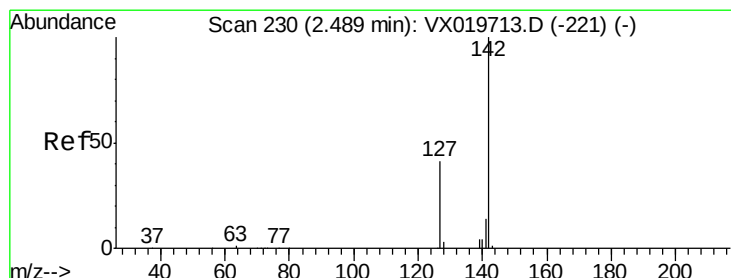
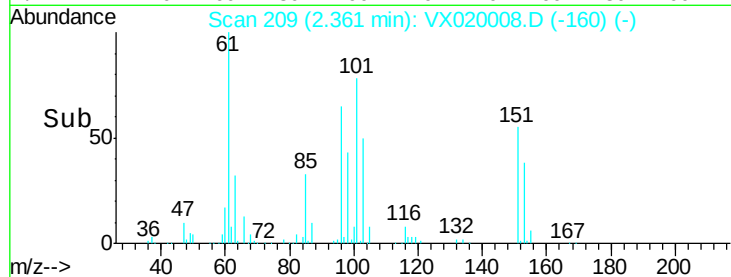
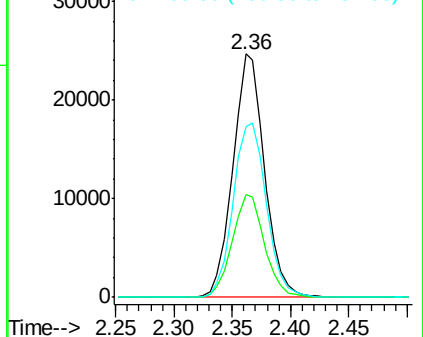
151 75.3 61.4 92.2



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: 13.232 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

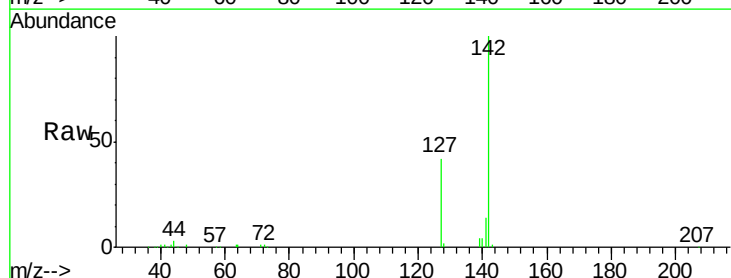
Tgt Ion:142 Resp: 46431

Ion Ratio Lower Upper

142 100

127 40.6 33.3 49.9

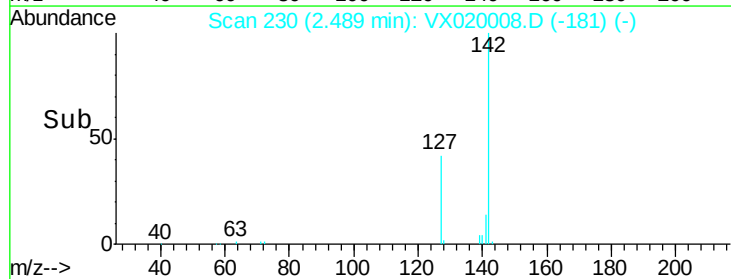
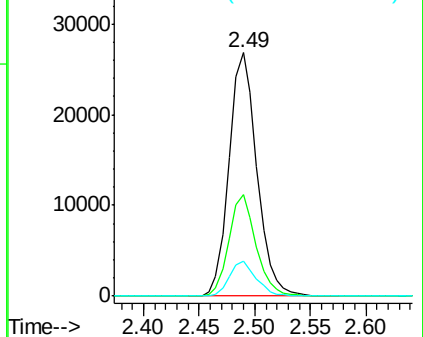
141 13.9 11.4 17.0

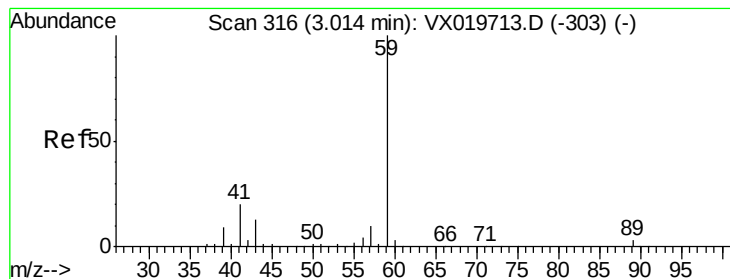


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



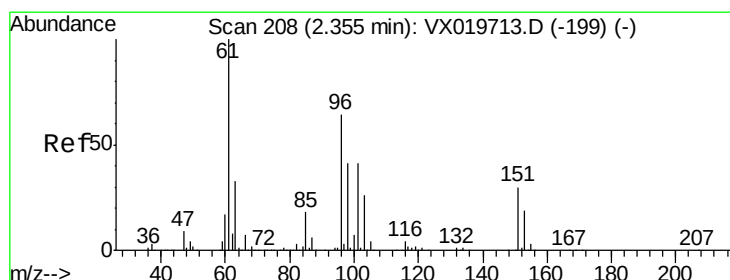
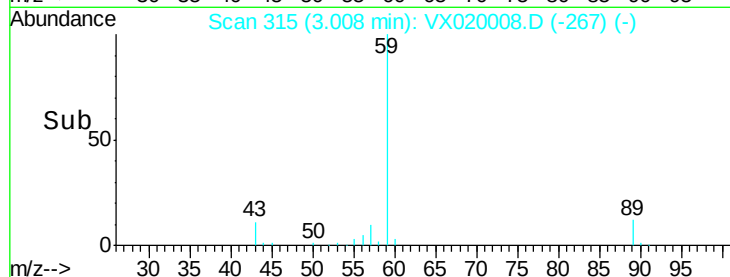
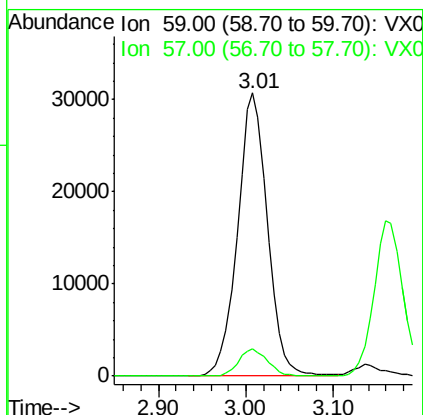
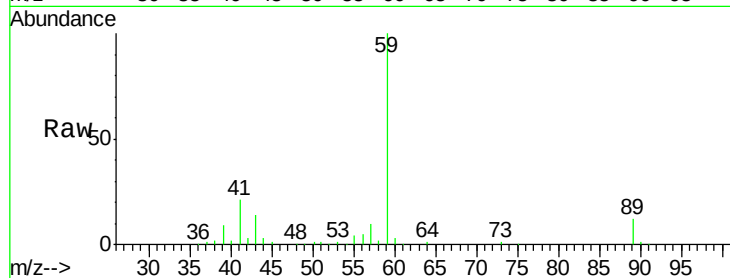


#11

Tert butyl alcohol
 Concen: 101.296 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

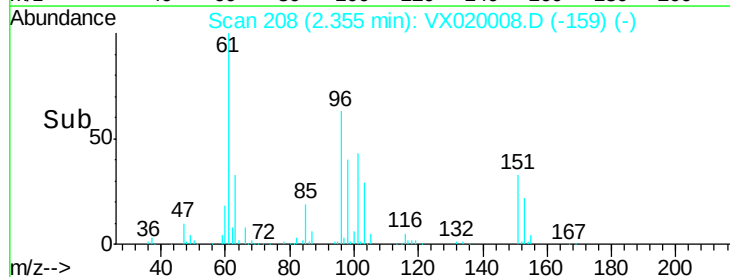
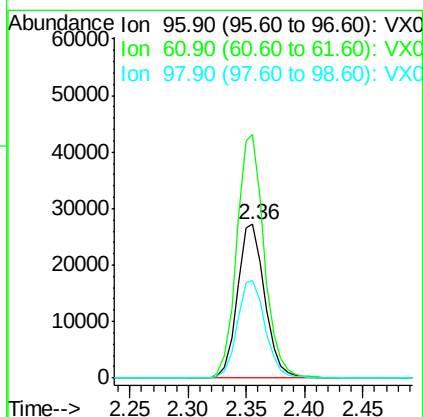
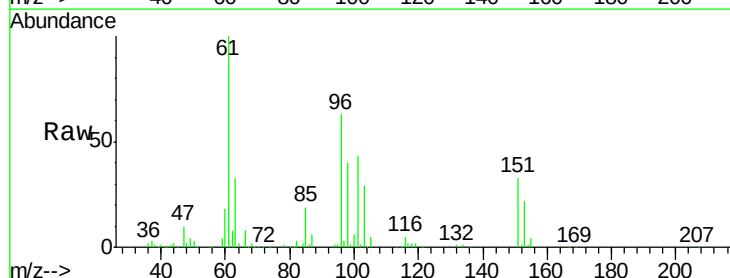
Tgt Ion: 59 Resp: 72999
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.8

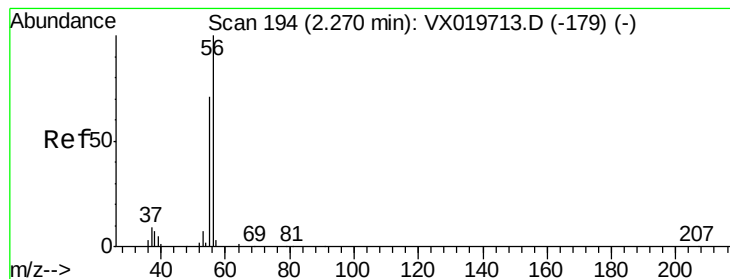


#12

1,1-Dichloroethene
 Concen: 18.514 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 96 Resp: 44557
 Ion Ratio Lower Upper
 96 100
 61 158.2 124.6 187.0
 98 63.5 50.6 76.0





#13

Acrolein

Concen: 66.726 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

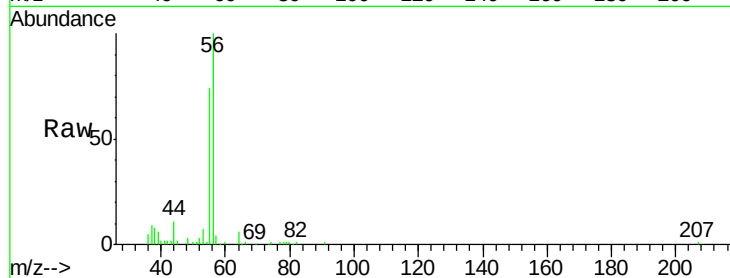
VX1215WBSD01

Tgt Ion: 56 Resp: 25428

Ion Ratio Lower Upper

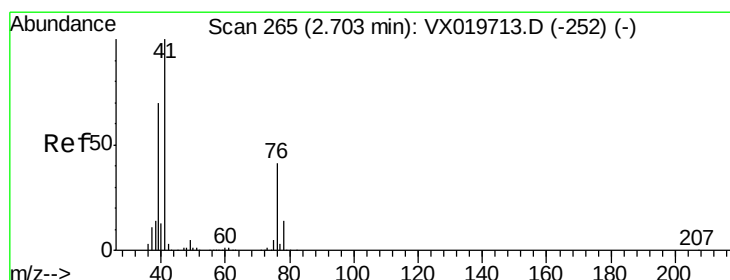
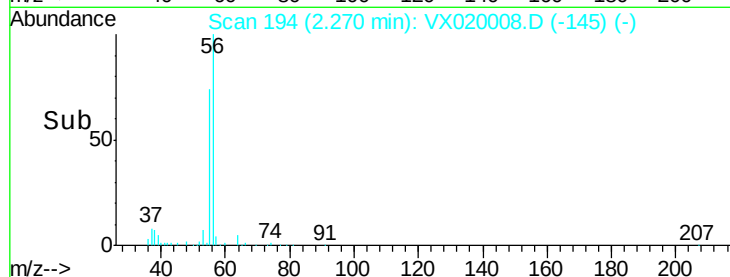
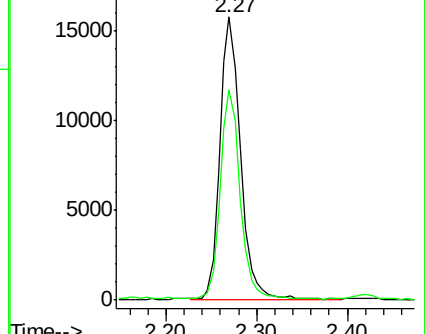
56 100

55 70.6 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.616 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

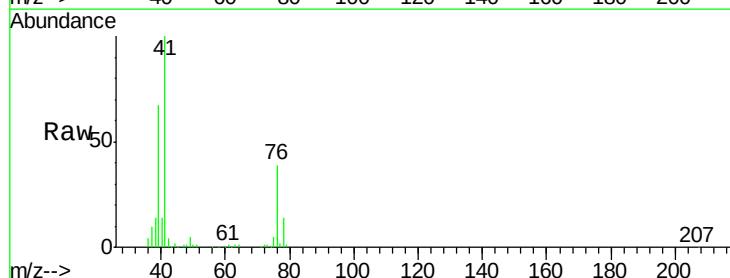
Tgt Ion: 41 Resp: 75670

Ion Ratio Lower Upper

41 100

39 63.1 51.6 77.4

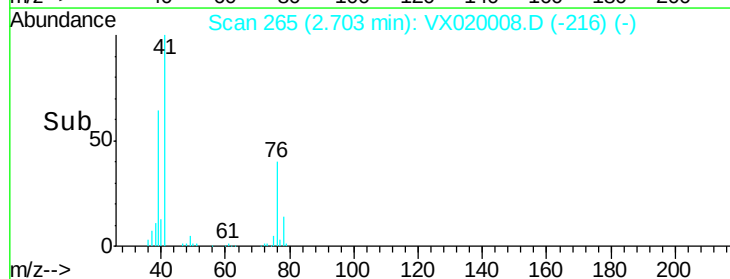
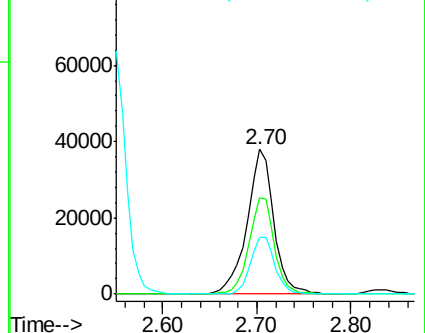
76 36.0 30.5 45.7

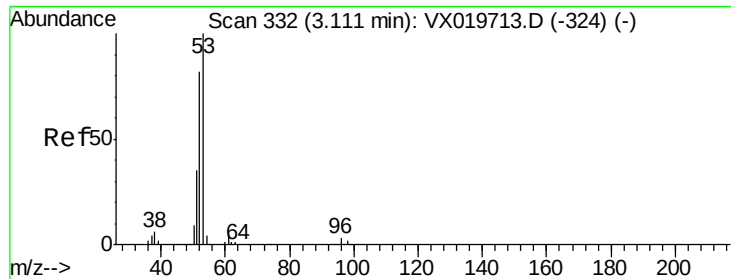


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.888 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

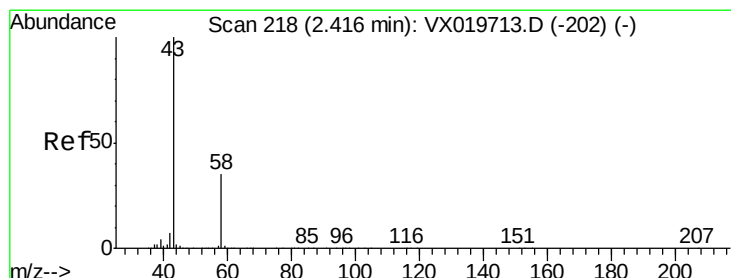
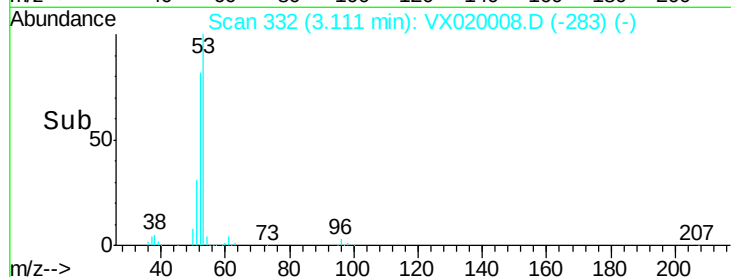
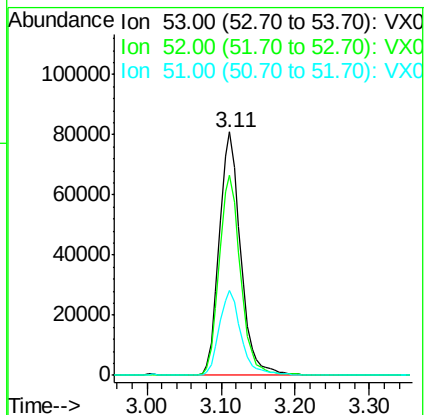
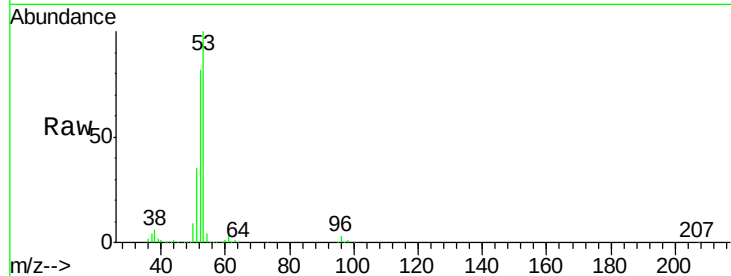
Tgt Ion: 53 Resp: 162141

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 35.5 28.2 42.2



#16

Acetone

Concen: 100.875 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX020008.D

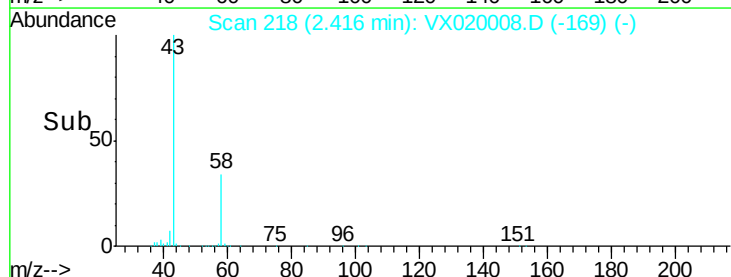
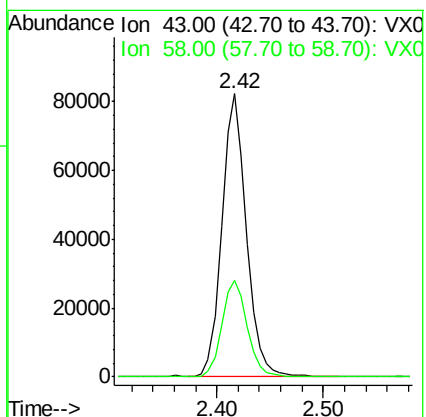
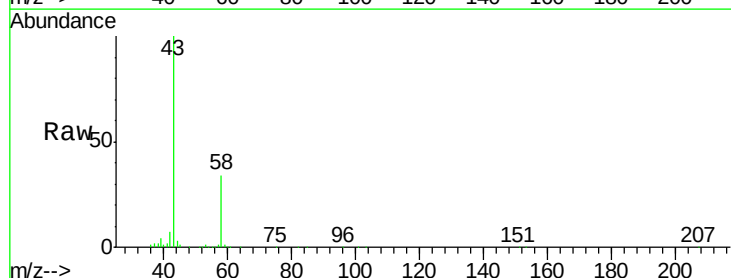
Acq: 15 Dec 2020 13:52

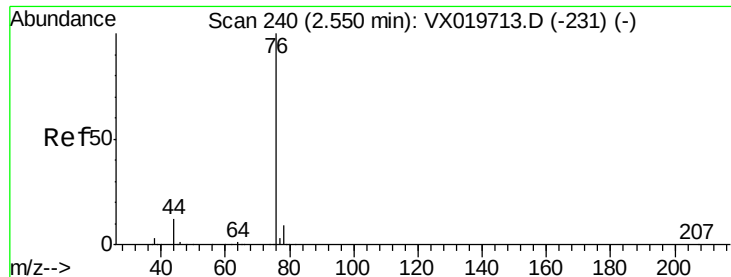
Tgt Ion: 43 Resp: 130903

Ion Ratio Lower Upper

43 100

58 34.3 27.8 41.8

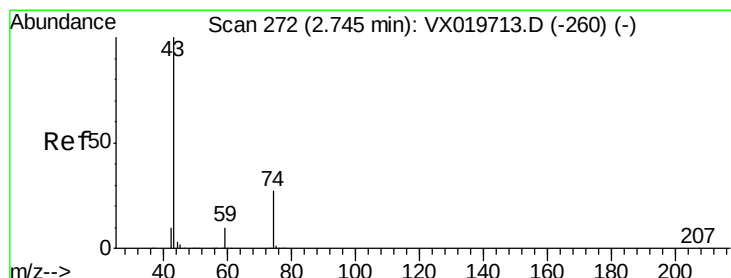
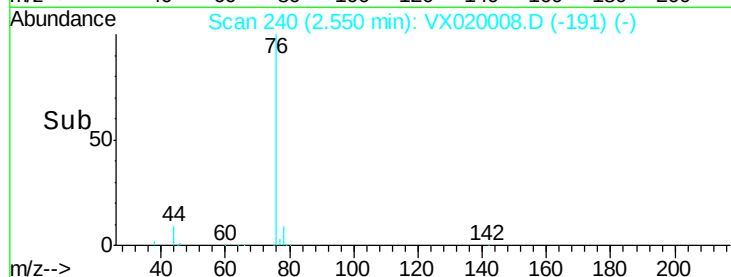
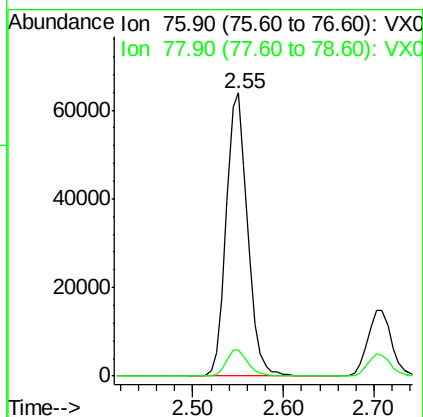
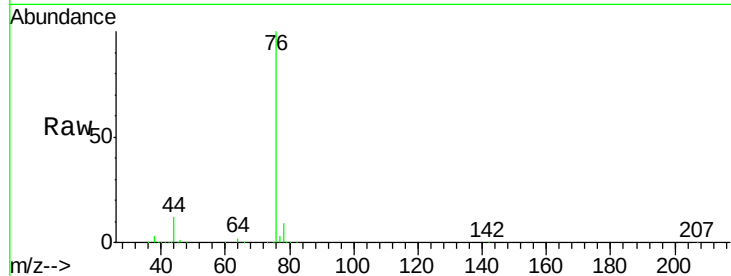




#17
Carbon Disulfide
Concen: 15.064 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

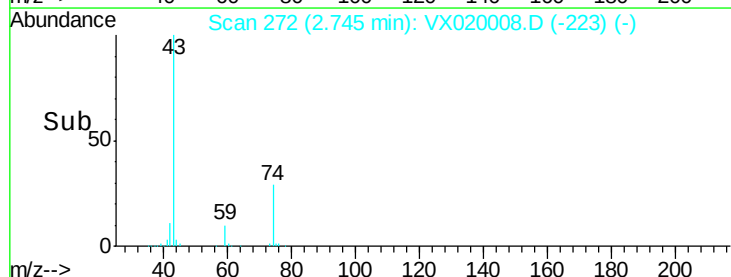
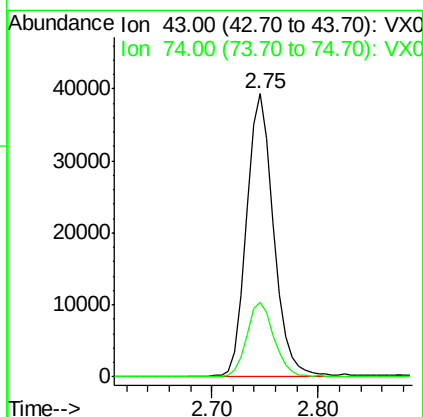
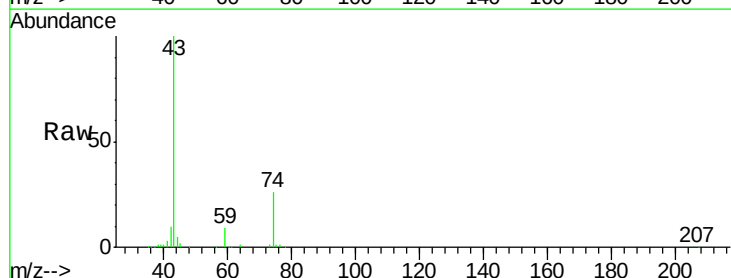
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

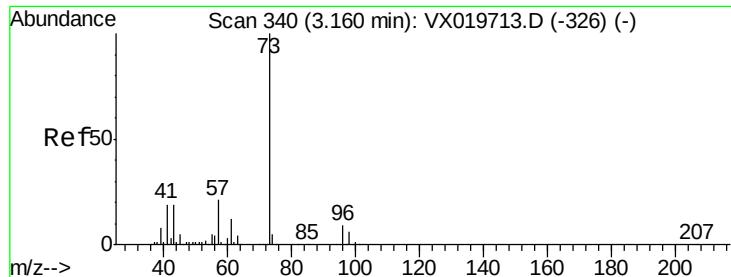
Tgt Ion: 76 Resp: 104027
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 22.270 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 43 Resp: 70720
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9



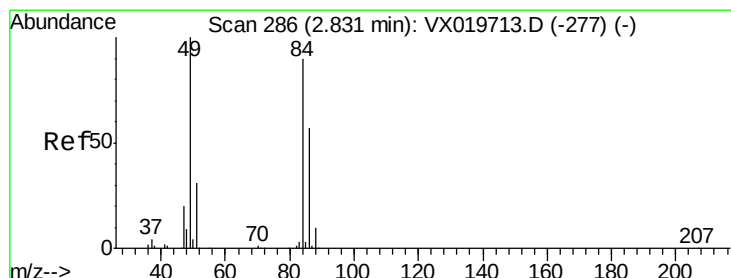
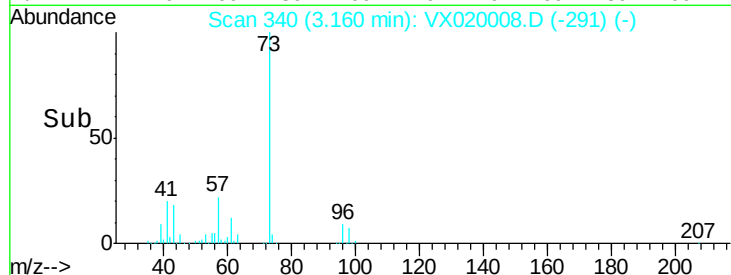
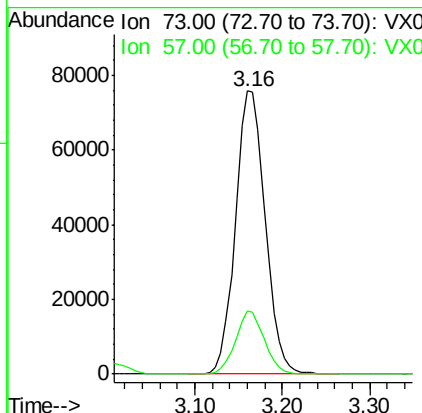
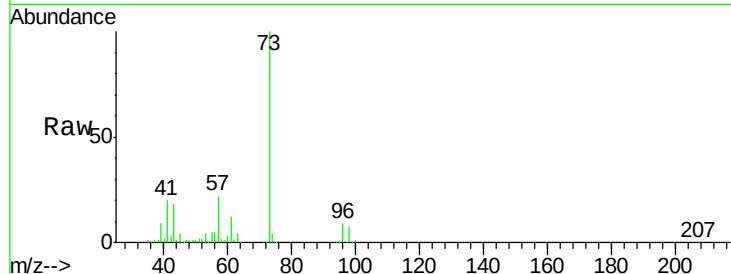


#19

Methyl tert-butyl Ether
 Concen: 20.463 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

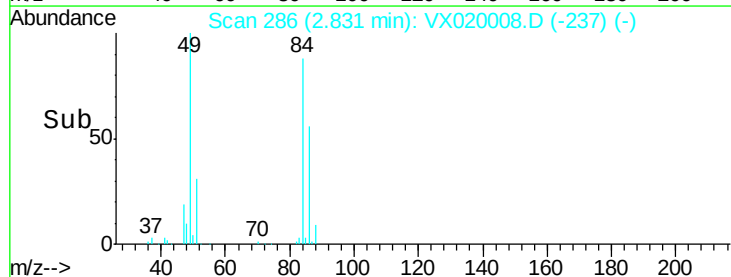
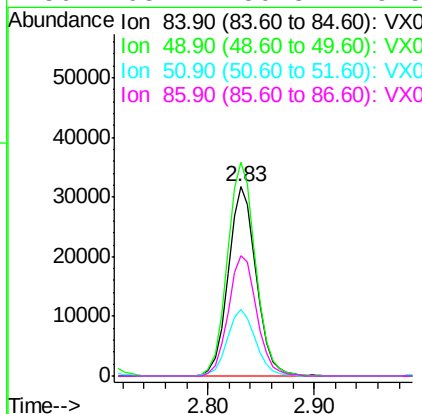
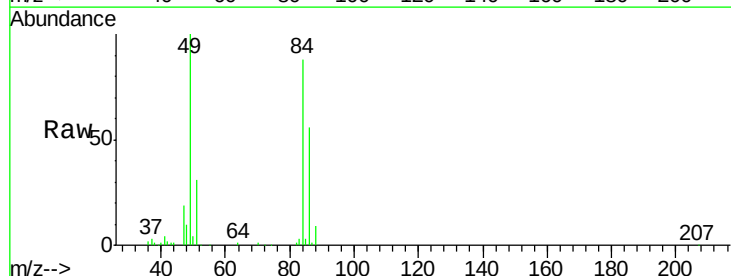
Tgt Ion: 73 Resp: 179354
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.1 25.7

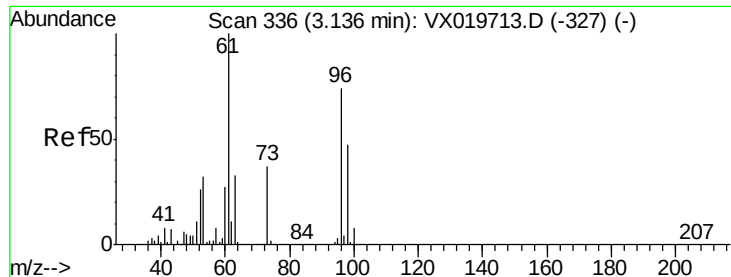


#20

Methylene Chloride
 Concen: 18.802 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 84 Resp: 58330
 Ion Ratio Lower Upper
 84 100
 49 113.0 88.6 132.8
 51 35.2 27.0 40.6
 86 63.7 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.146 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

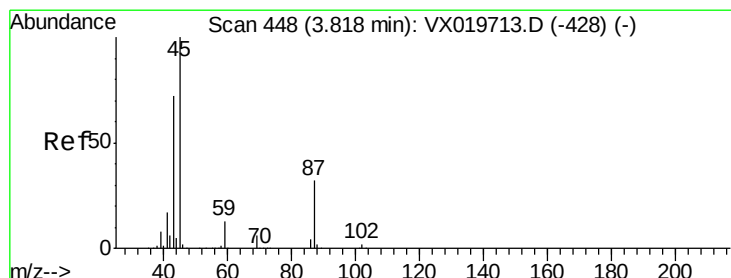
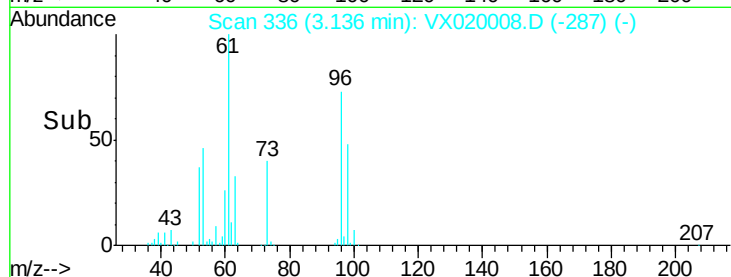
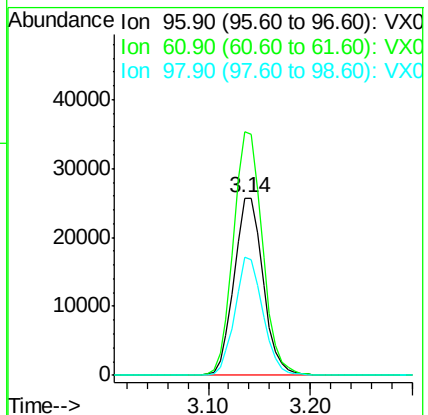
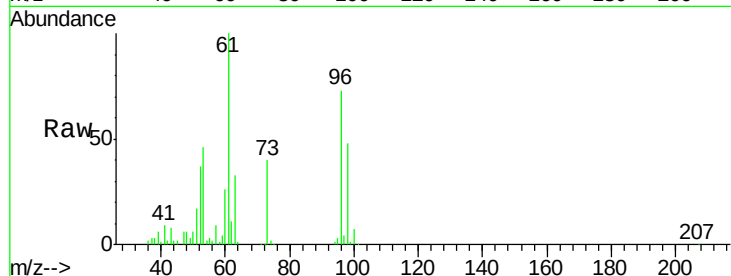
Tgt Ion: 96 Resp: 50915

Ion Ratio Lower Upper

96 100

61 137.4 107.7 161.5

98 66.4 50.4 75.6



#22

Diisopropyl ether

Concen: 20.948 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Tgt Ion: 45 Resp: 172154

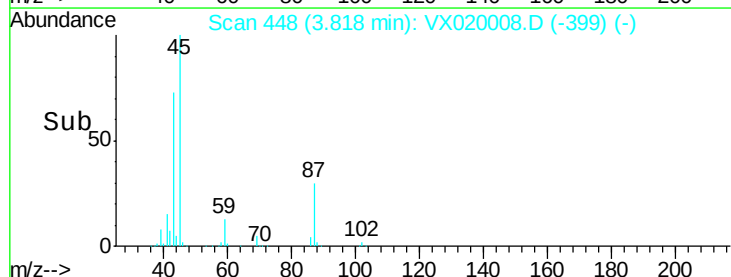
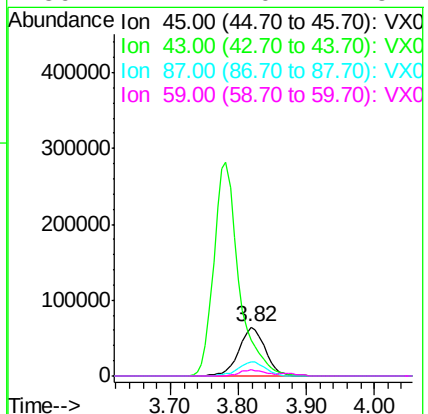
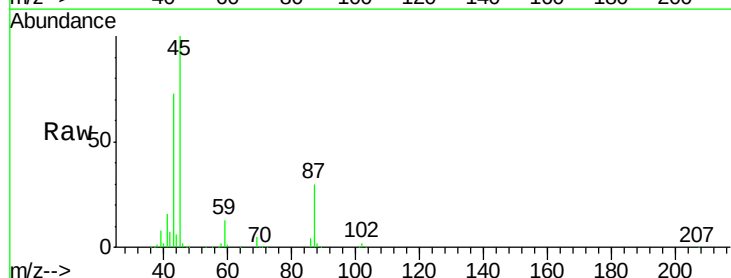
Ion Ratio Lower Upper

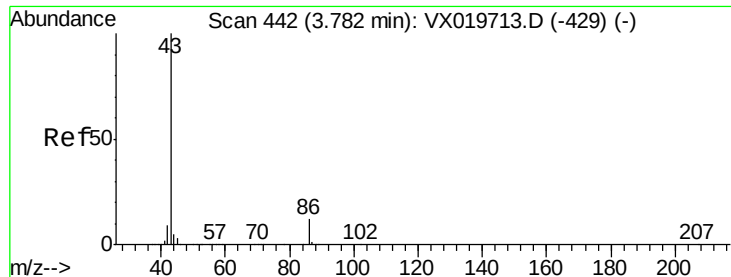
45 100

43 72.5 58.0 87.0

87 29.6 25.4 38.0

59 12.7 10.2 15.2





#23

Vinyl Acetate

Concen: 102.595 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

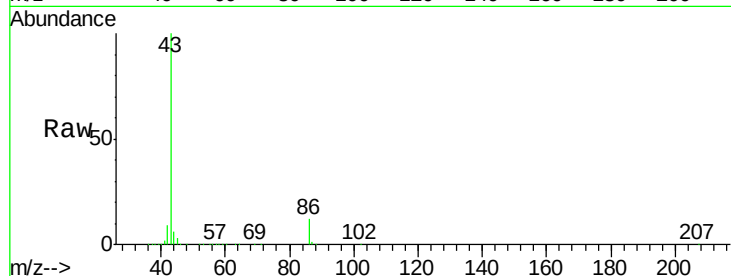
VX1215WBSD01

Tgt Ion: 43 Resp: 718335

Ion Ratio Lower Upper

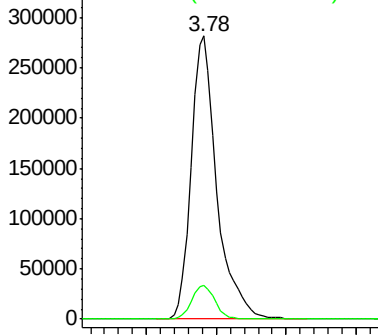
43 100

86 12.0 9.9 14.9

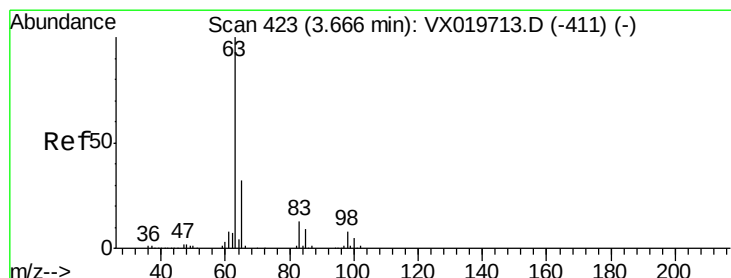
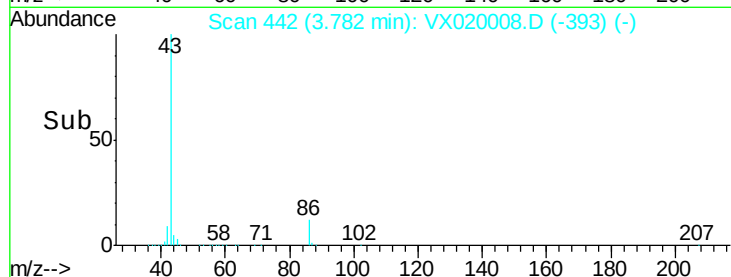


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.692 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

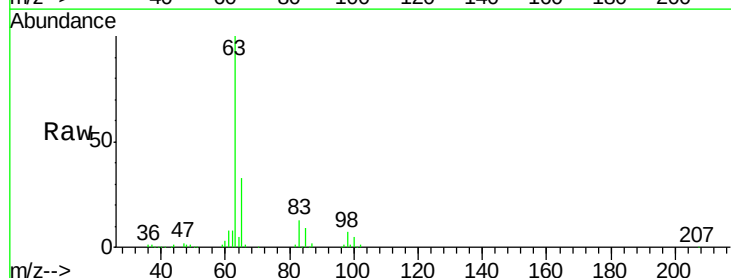
Tgt Ion: 63 Resp: 97589

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

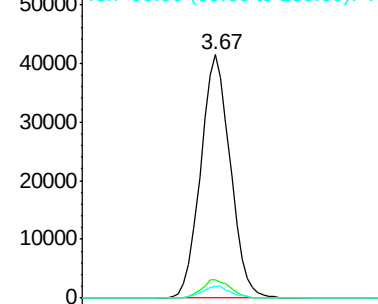
100 5.1 2.5 7.5



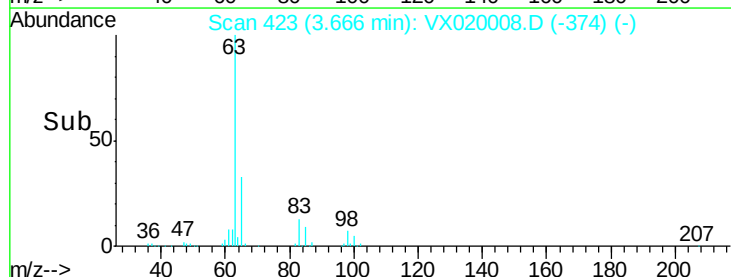
Abundance Ion 62.90 (62.60 to 63.60): VX0

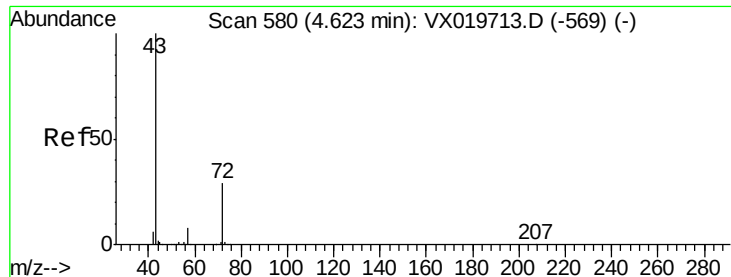
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 103.671 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

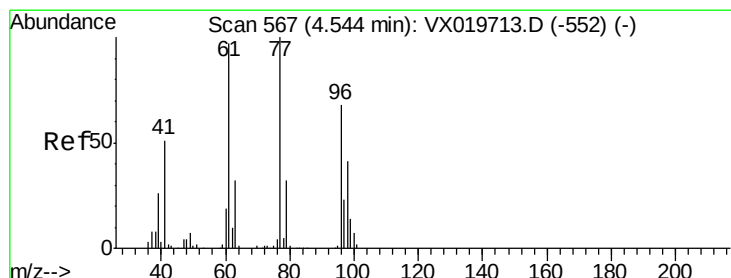
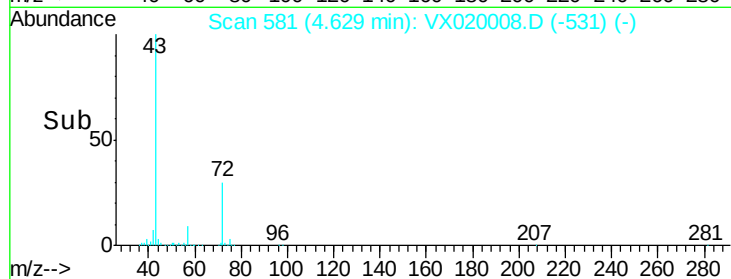
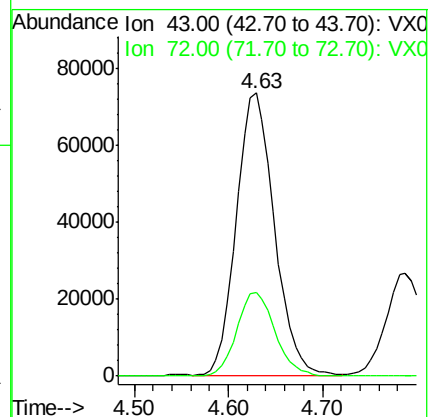
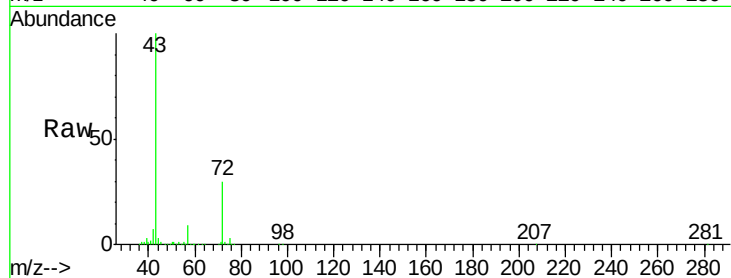
VX1215WBSD01

Tgt Ion: 43 Resp: 206721

Ion Ratio Lower Upper

43 100

72 29.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 18.505 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX020008.D

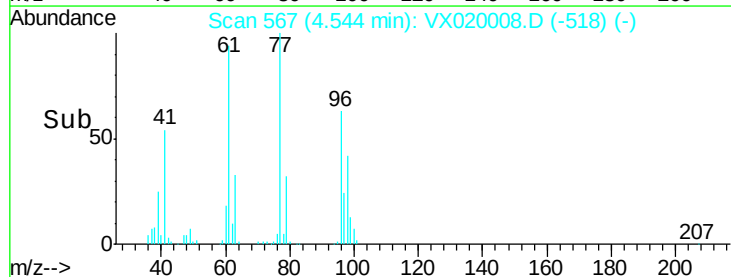
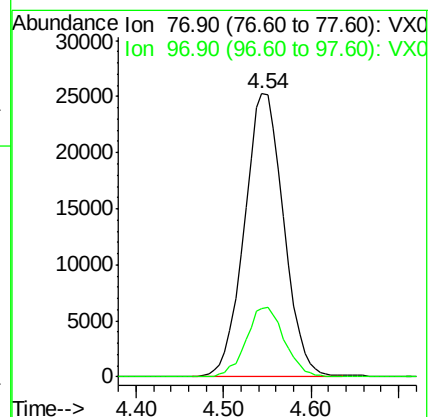
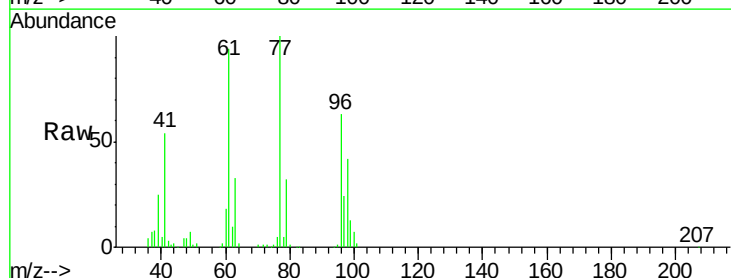
Acq: 15 Dec 2020 13:52

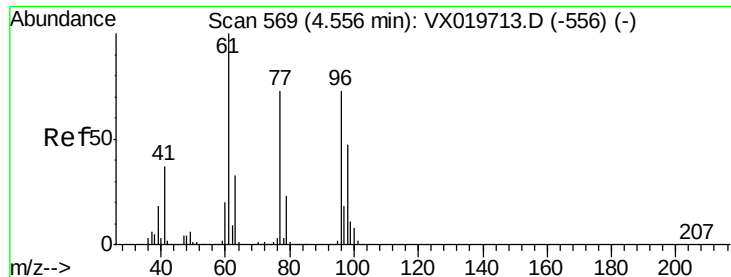
Tgt Ion: 77 Resp: 78978

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.791 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

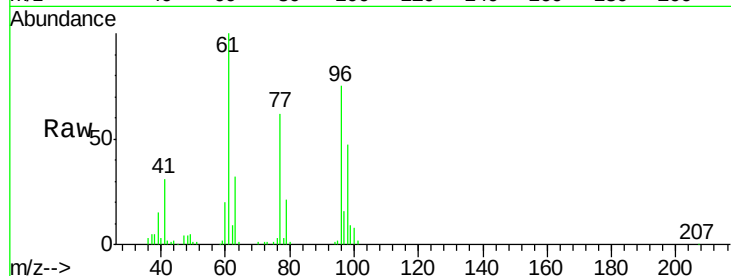
Tgt Ion: 96 Resp: 61702

Ion Ratio Lower Upper

96 100

61 144.6 0.0 285.6

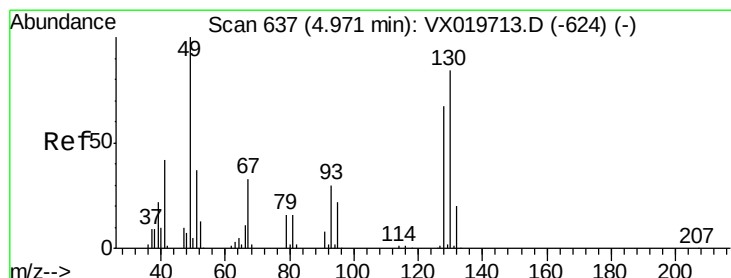
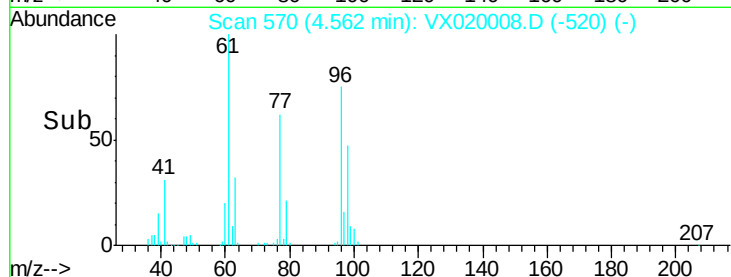
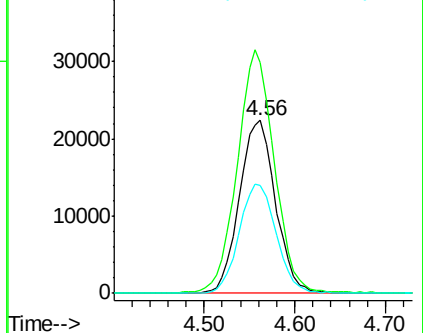
98 65.2 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.892 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

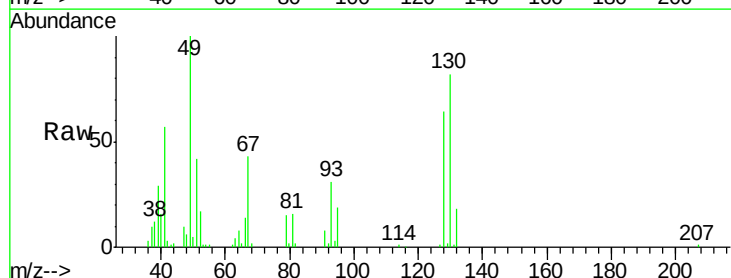
Tgt Ion: 49 Resp: 44632

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

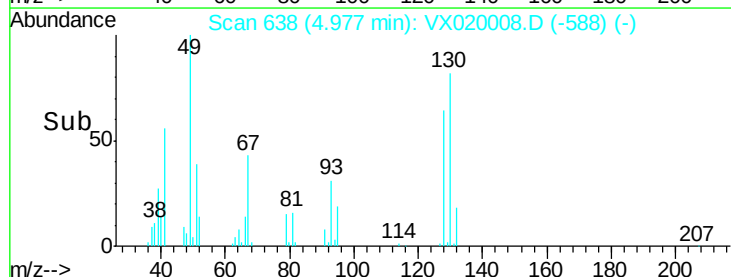
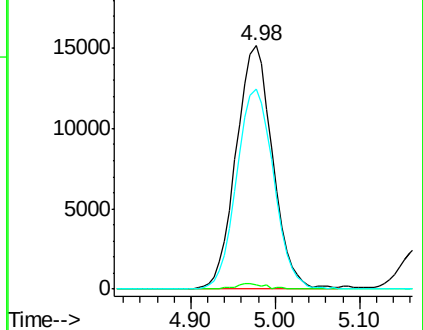
130 83.4 68.2 102.2

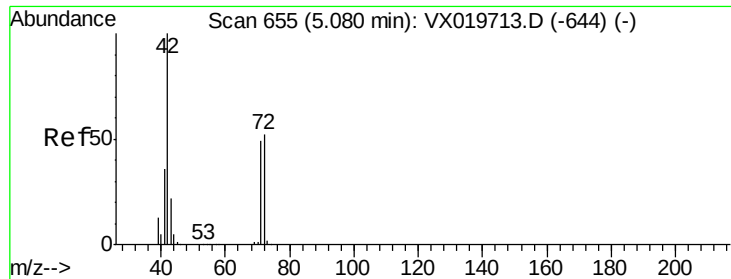


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

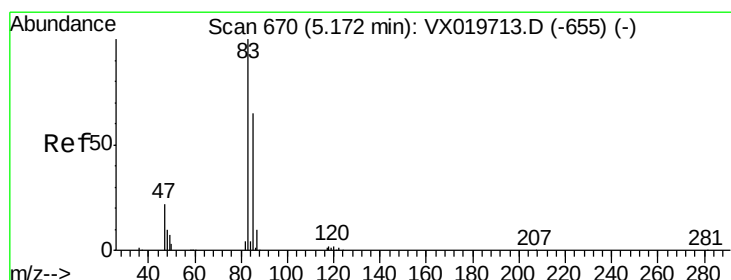
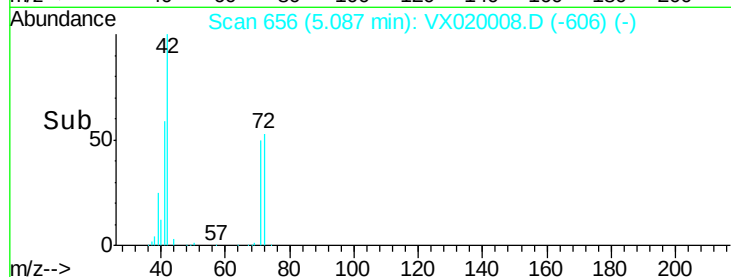
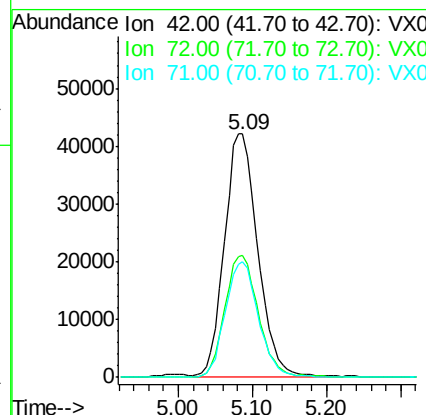
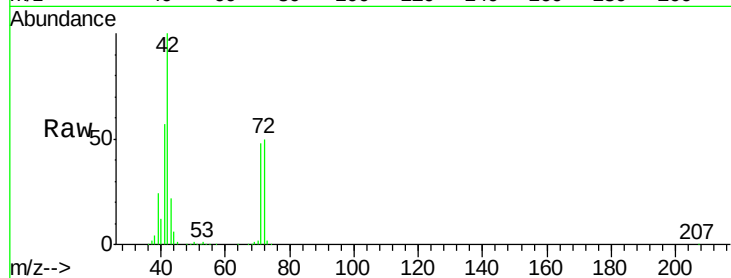




#29
Tetrahydrofuran
Concen: 101.865 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

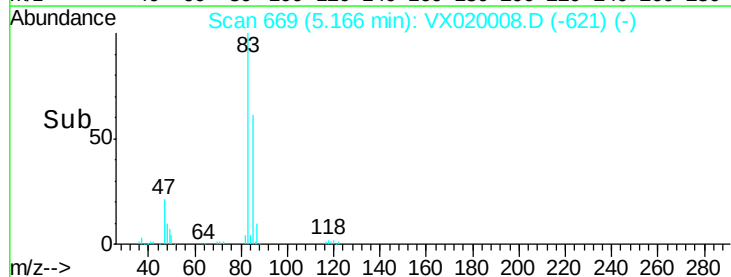
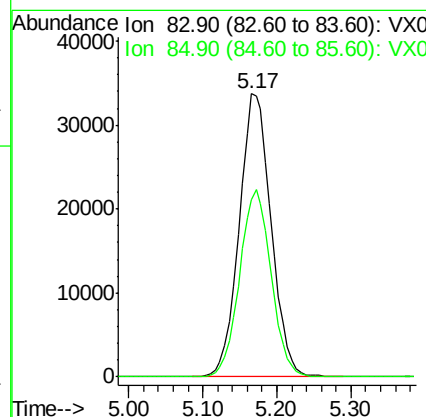
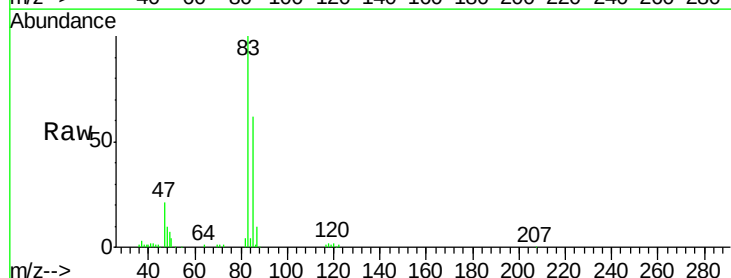
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

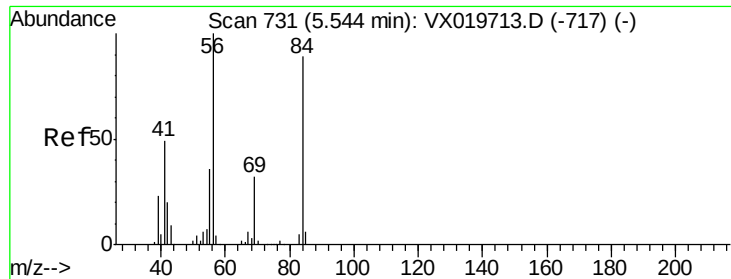
Tgt Ion: 42 Resp: 130867
Ion Ratio Lower Upper
42 100
72 50.9 41.7 62.5
71 47.3 38.4 57.6



#30
Chloroform
Concen: 19.896 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 83 Resp: 101385
Ion Ratio Lower Upper
83 100
85 62.4 52.0 78.0

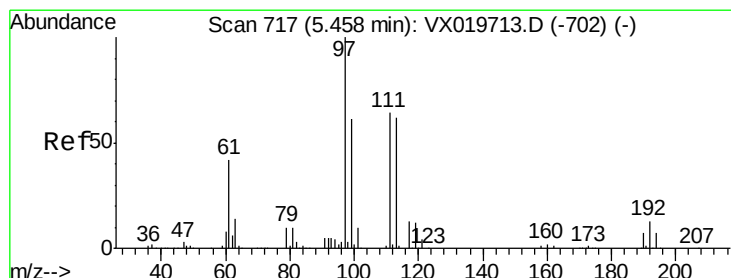
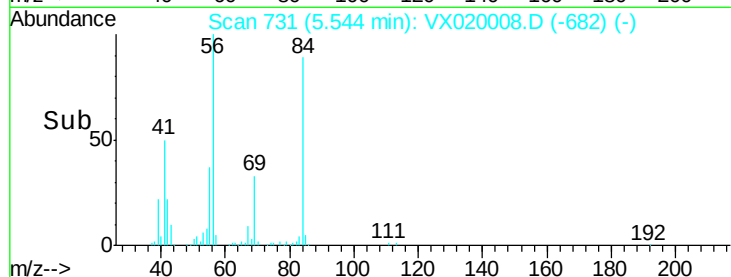
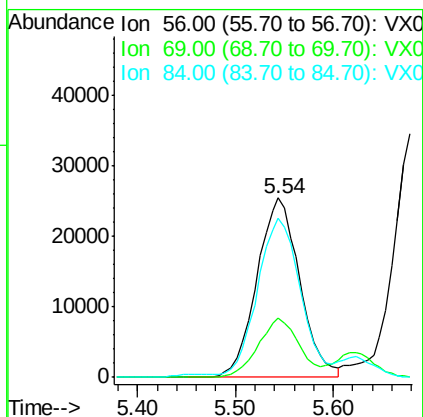
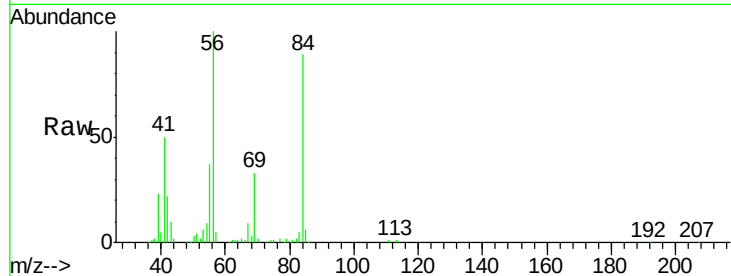




#31
Cyclohexane
Concen: 18.038 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

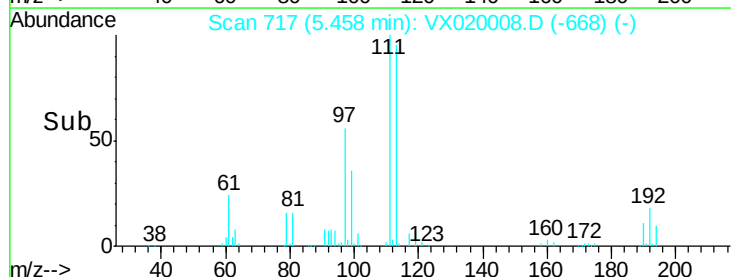
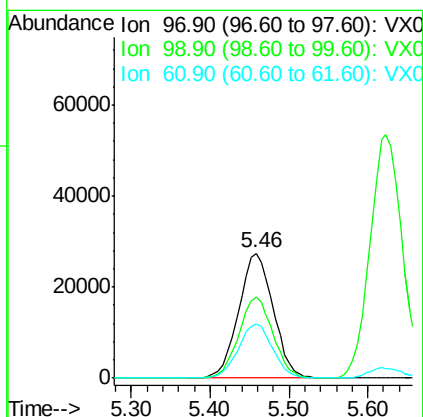
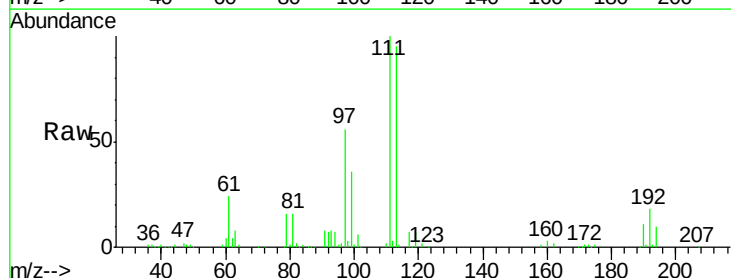
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

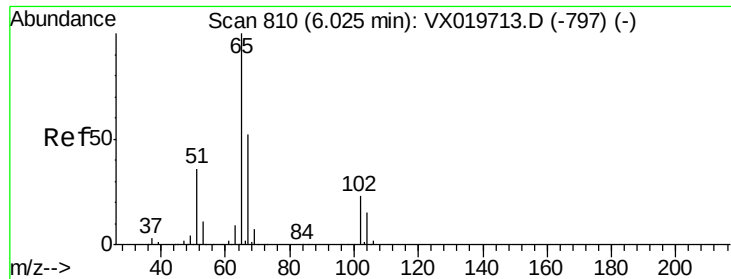
Tgt Ion: 56 Resp: 77466
Ion Ratio Lower Upper
56 100
69 33.0 25.3 37.9
84 86.8 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 18.991 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 97 Resp: 83339
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 43.4 34.2 51.4

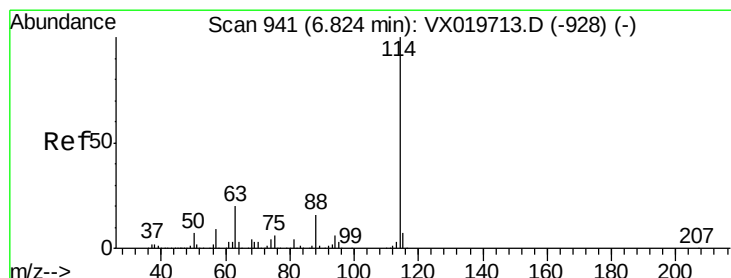
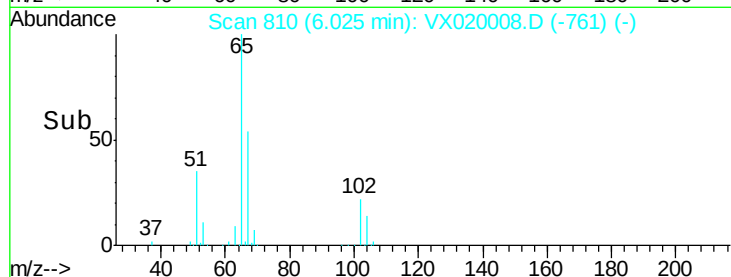
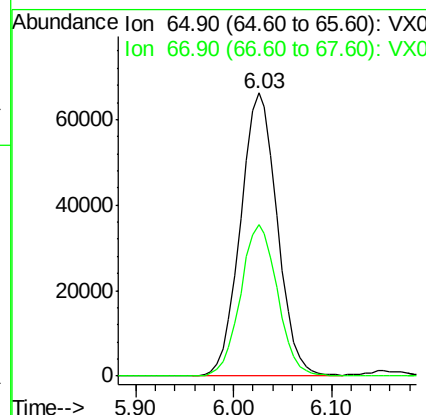
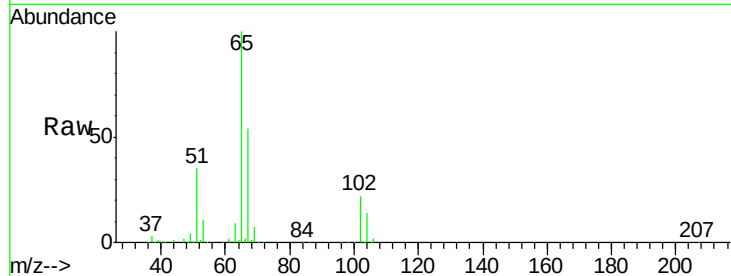




#33
 1,2-Dichloroethane-d4
 Concen: 50.056 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

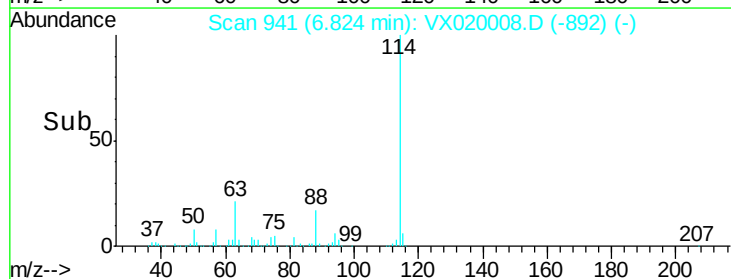
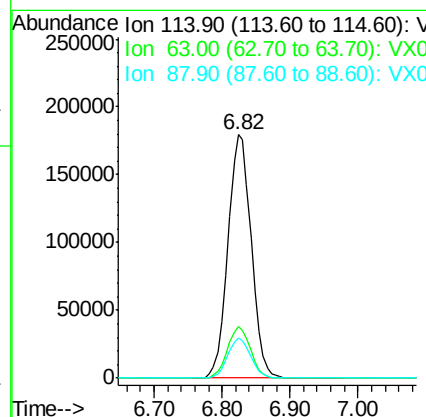
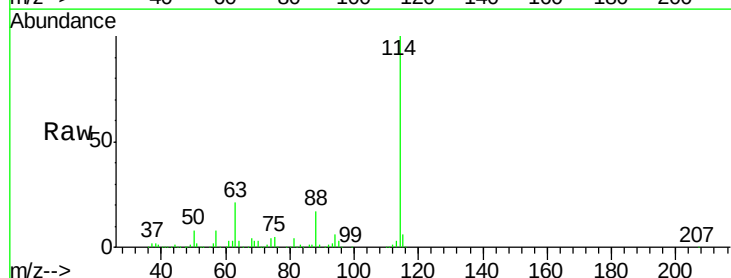
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

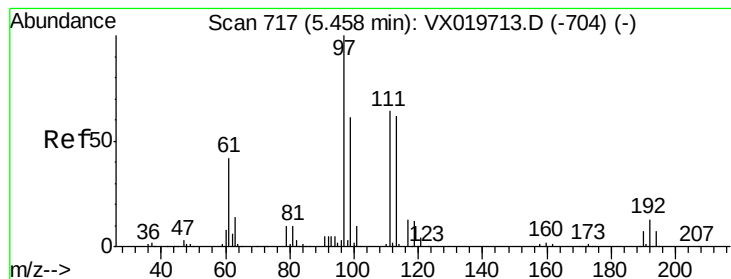
Tgt Ion: 65 Resp: 172815
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 114 Resp: 425029
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.325 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

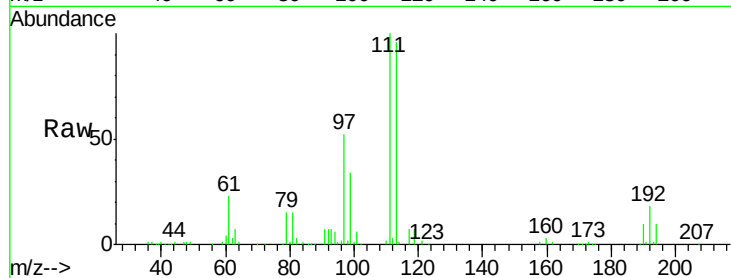
Tgt Ion:113 Resp: 138238

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

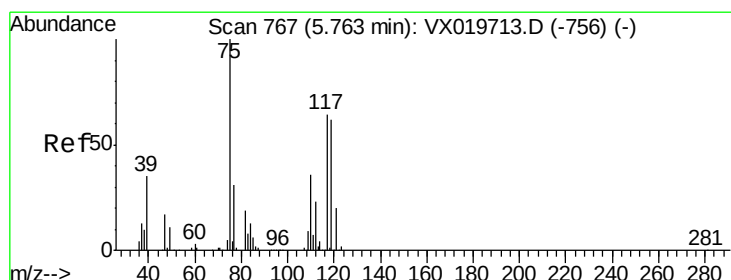
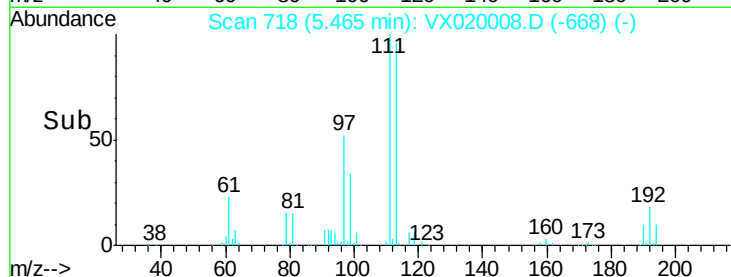
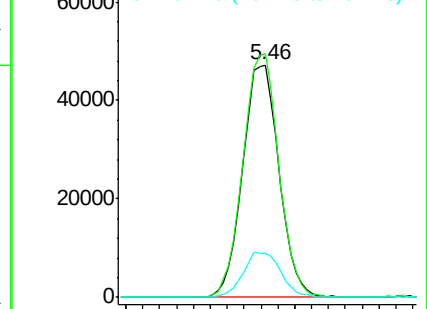
192 19.9 16.7 25.1



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: 18.311 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

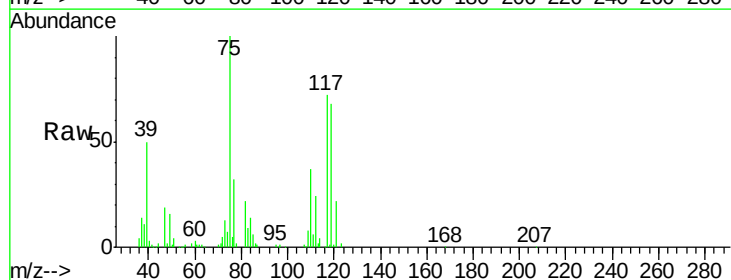
Tgt Ion: 75 Resp: 70327

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

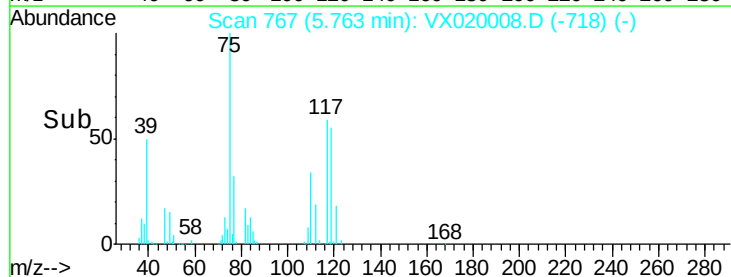
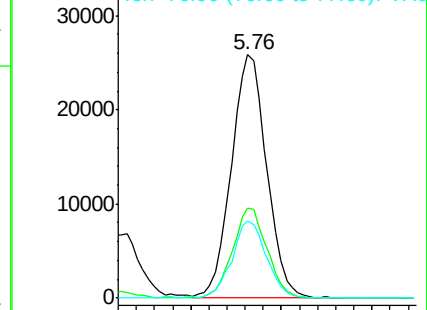
77 31.1 25.3 37.9

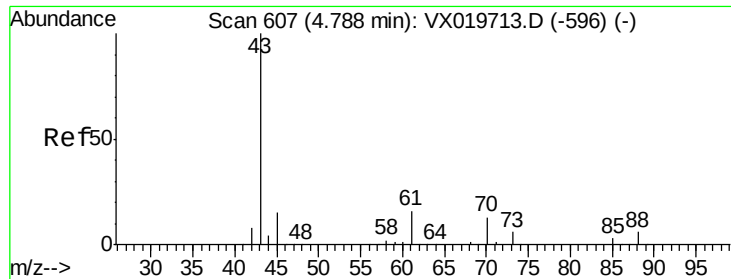


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

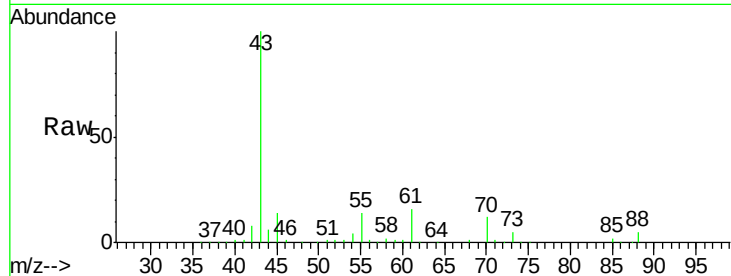




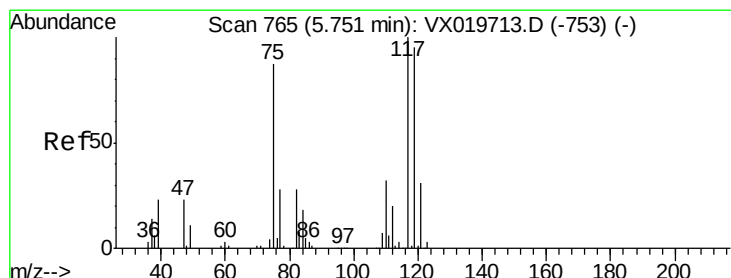
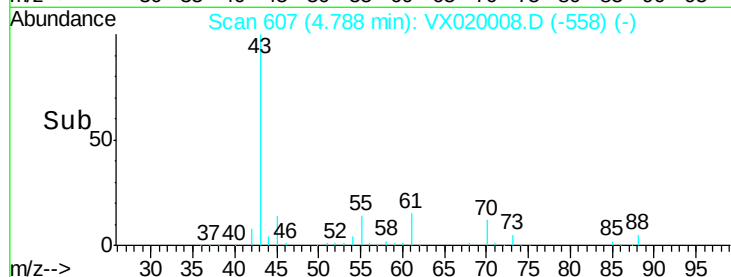
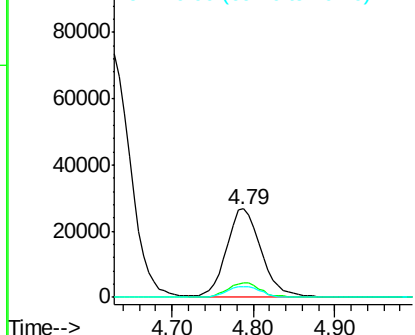
#37
Ethyl Acetate
Concen: 20.022 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

Tgt Ion: 43 Resp: 77641
Ion Ratio Lower Upper
43 100
61 15.9 12.8 19.2
70 12.6 10.5 15.7

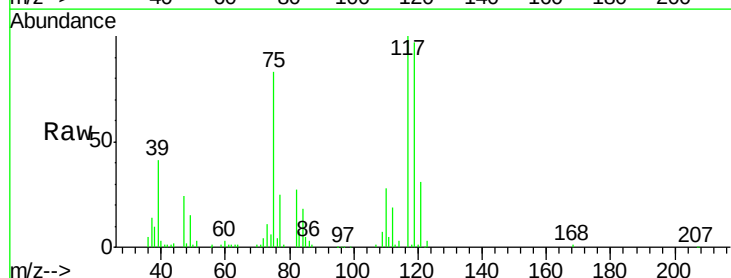


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

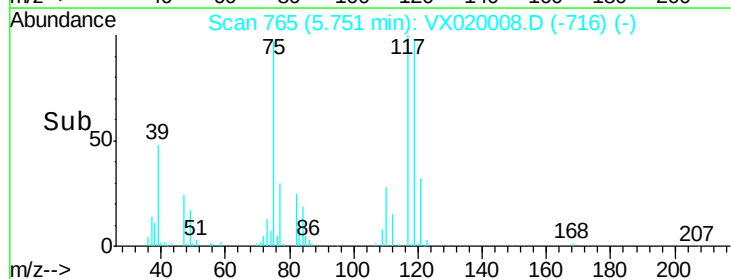
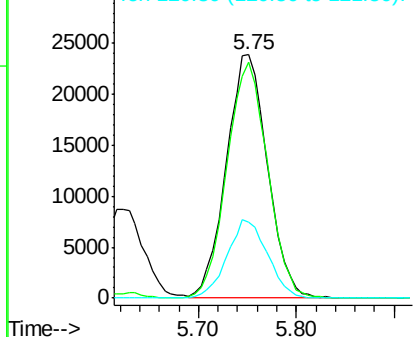


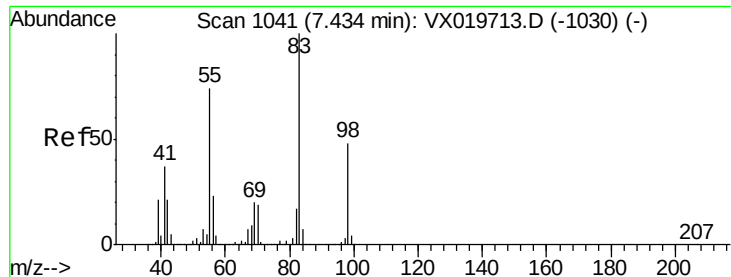
#38
Carbon Tetrachloride
Concen: 18.562 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 117 Resp: 69812
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
121 31.4 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

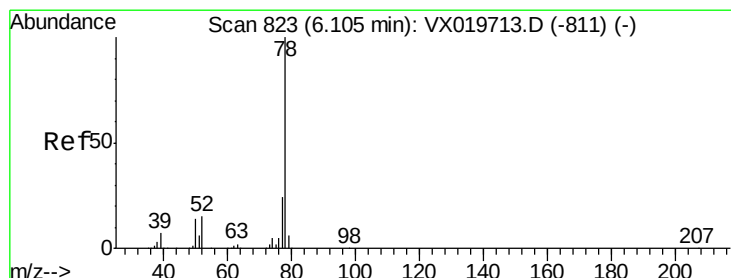
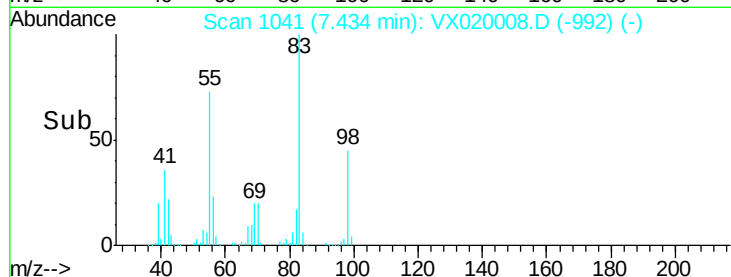
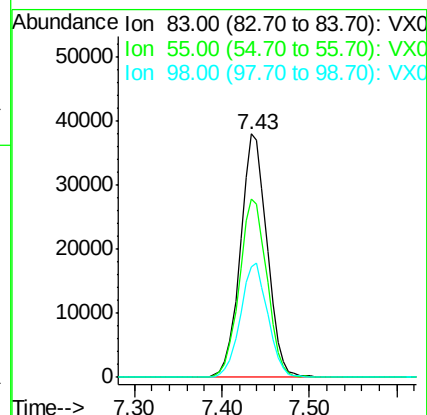
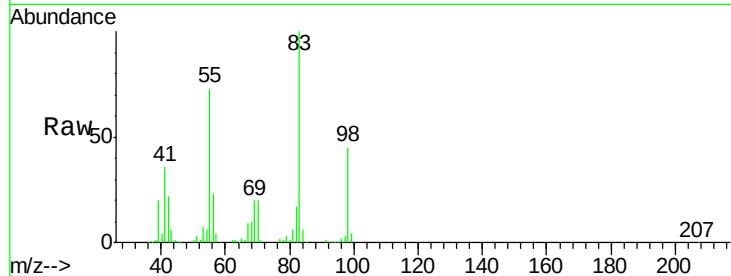




#39
Methylcyclohexane
Concen: 17.931 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

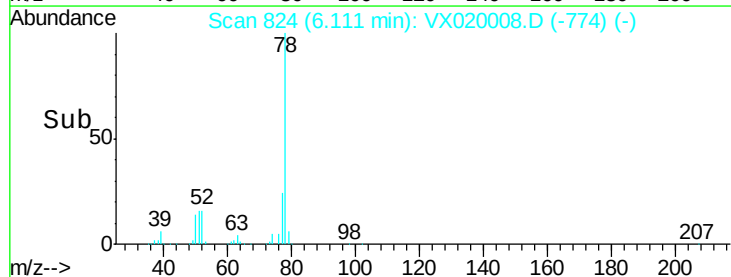
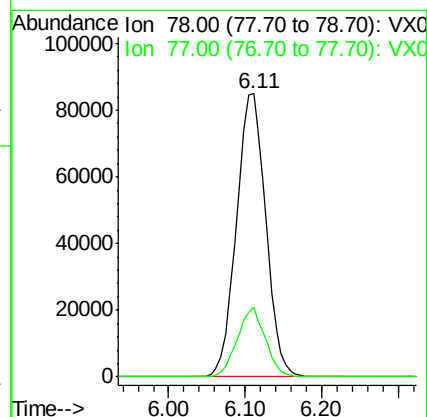
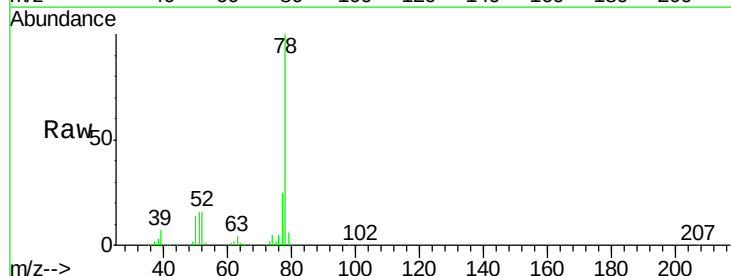
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

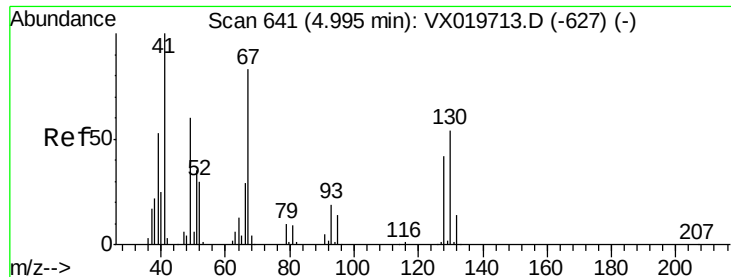
Tgt Ion: 83 Resp: 80909
Ion Ratio Lower Upper
83 100
55 73.4 58.9 88.3
98 45.4 38.1 57.1



#40
Benzene
Concen: 19.229 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 78 Resp: 225601
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

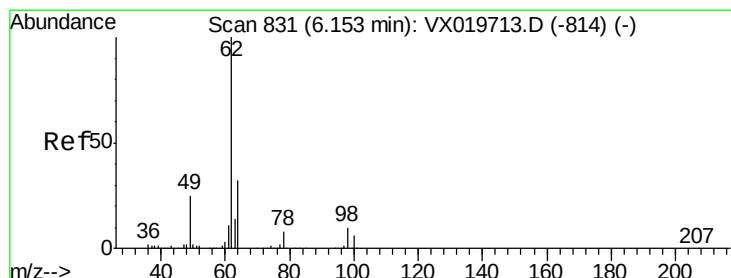
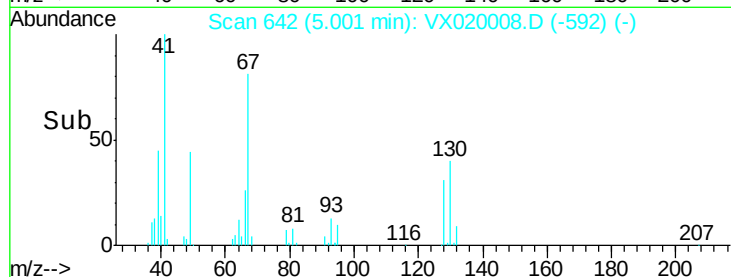
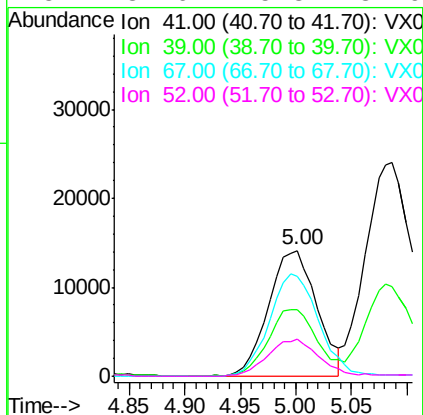
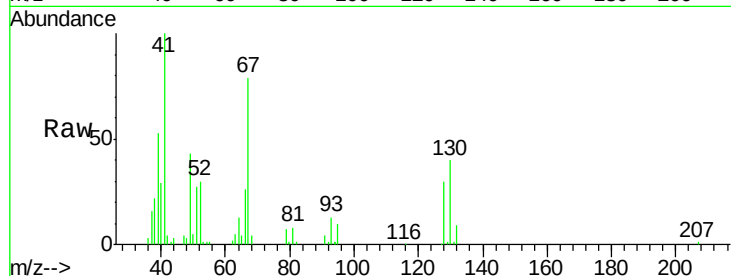




#41
Methacrylonitrile
Concen: 20.113 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

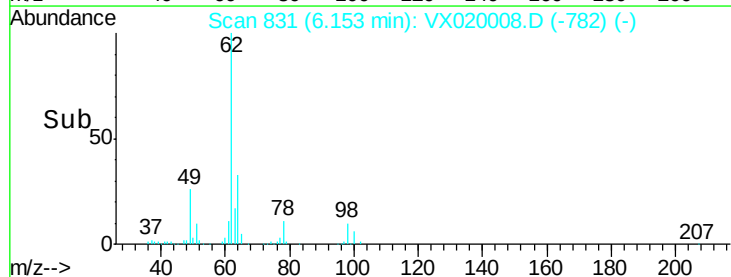
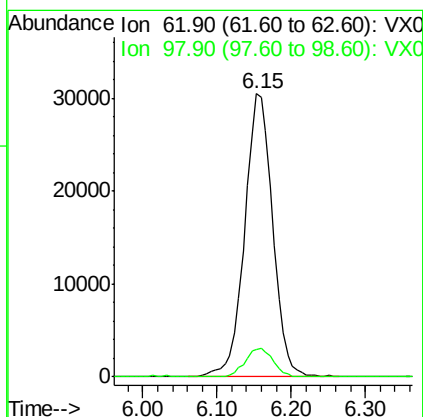
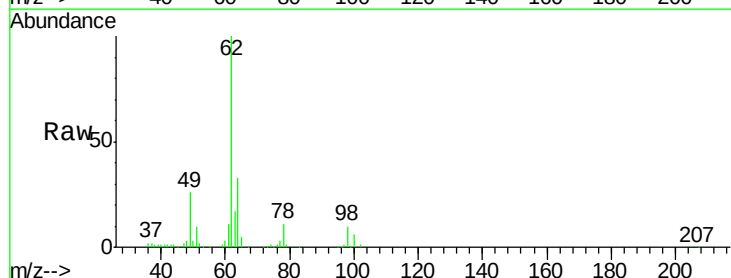
Instrument :
MSVOA_X
ClientSampled :
VX1215WBSD01

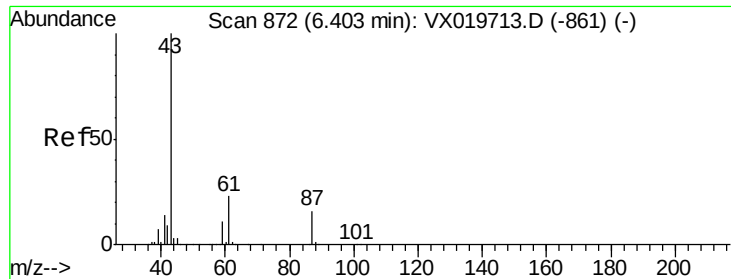
Tgt Ion: 41 Resp: 42822
Ion Ratio Lower Upper
41 100
39 55.0 42.5 63.7
67 83.2 65.0 97.6
52 31.6 25.3 37.9



#42
1,2-Dichloroethane
Concen: 20.181 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 62 Resp: 80895
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.661 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

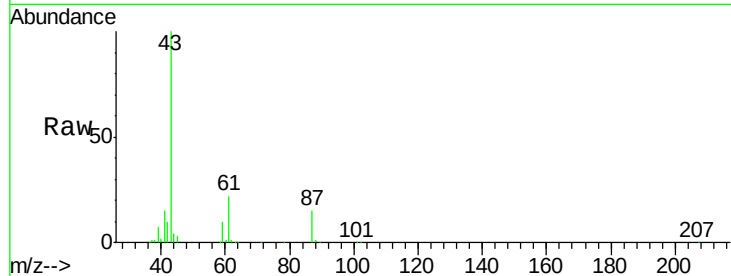
Tgt Ion: 43 Resp: 123953

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.4

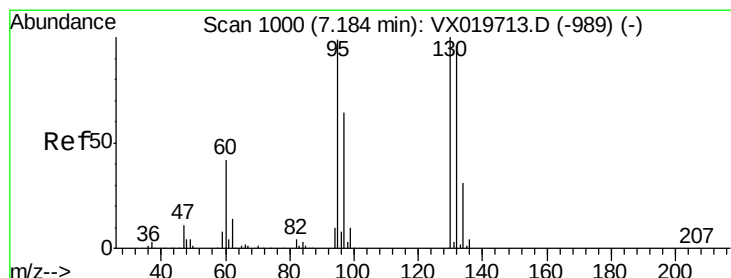
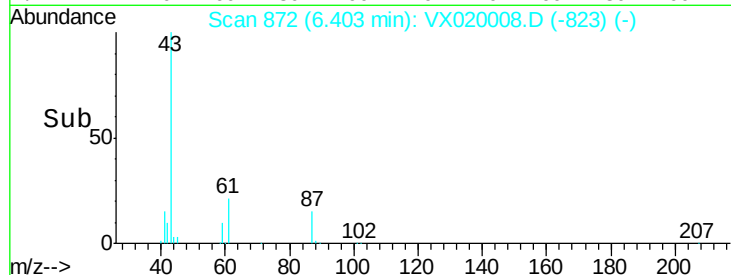
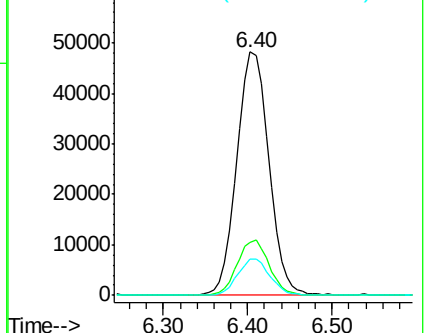
87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.181 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX020008.D

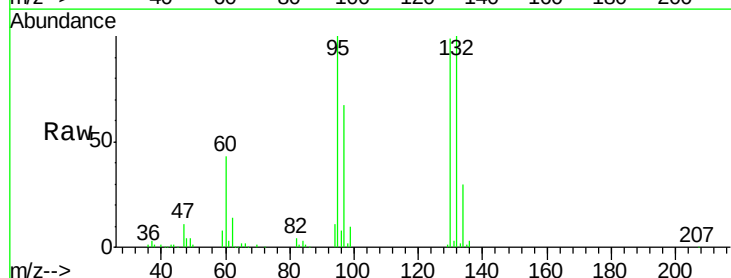
Acq: 15 Dec 2020 13:52

Tgt Ion: 130 Resp: 55966

Ion Ratio Lower Upper

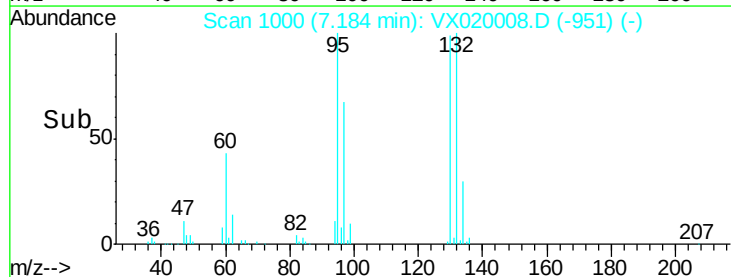
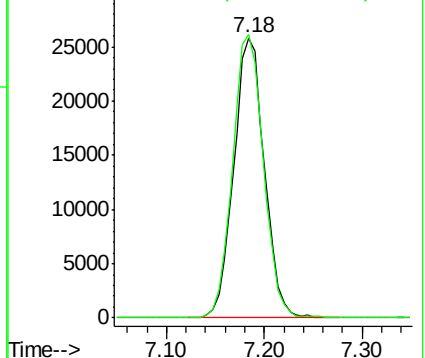
130 100

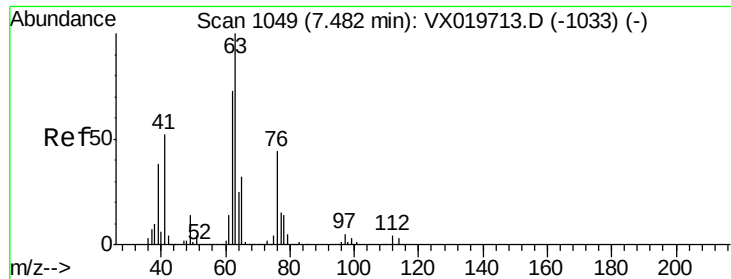
95 101.1 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

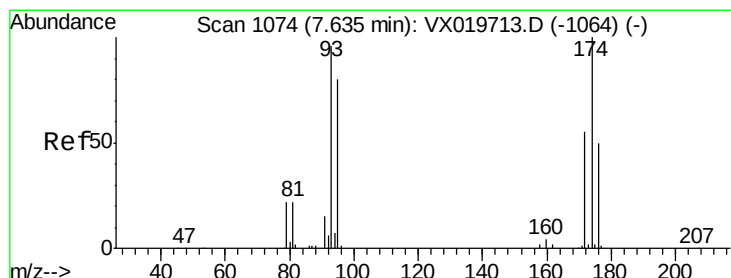
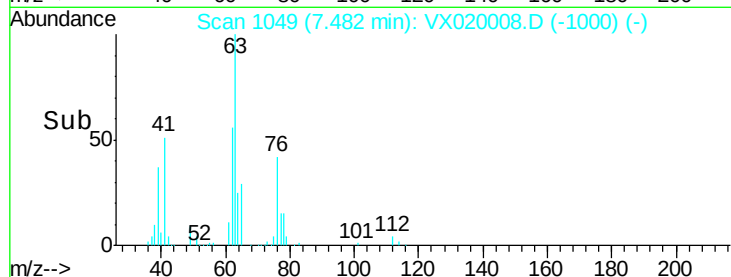
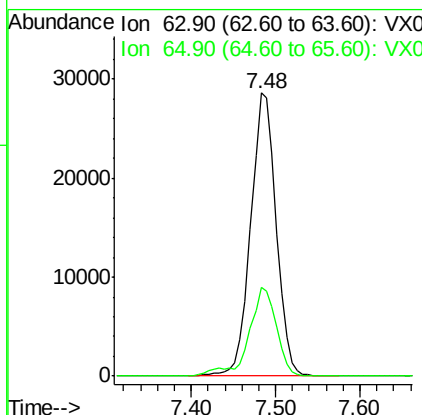
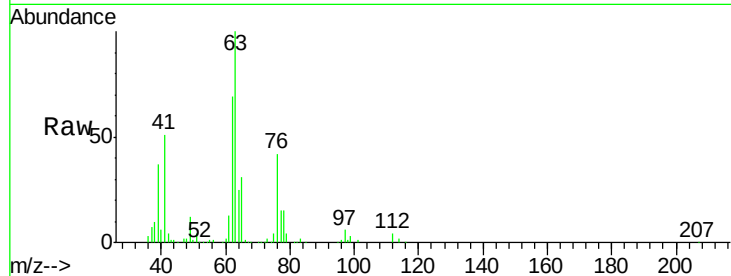




#45
 1,2-Dichloropropane
 Concen: 19.988 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

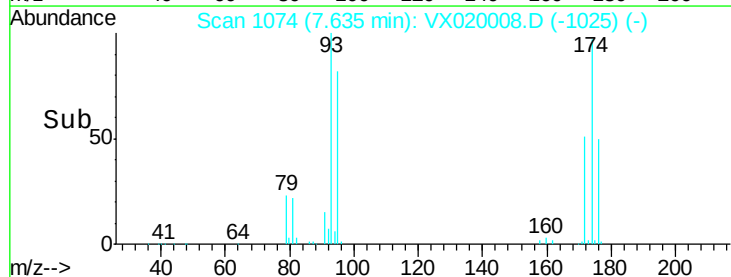
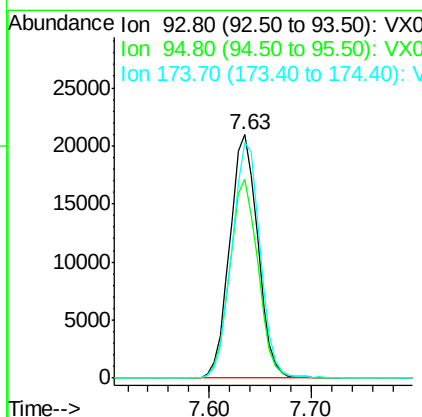
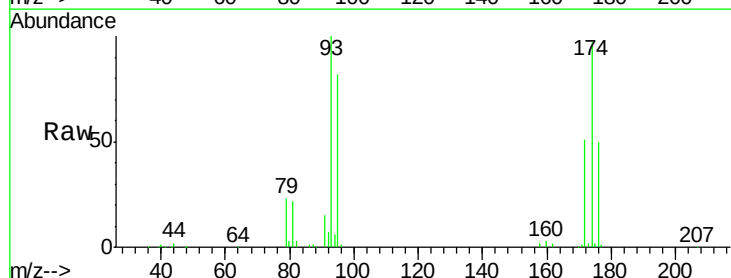
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

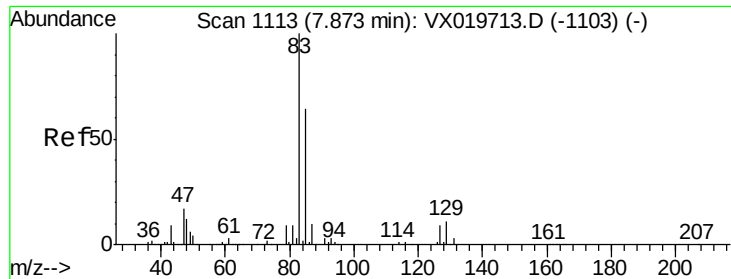
Tgt Ion: 63 Resp: 58609
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.7 38.5



#46
 Dibromomethane
 Concen: 20.107 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 93 Resp: 39815
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.8 100.2
 174 97.8 83.1 124.7

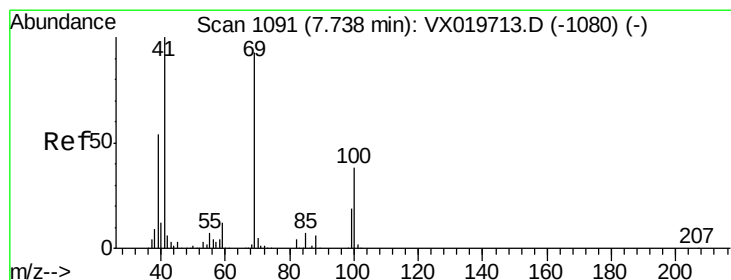
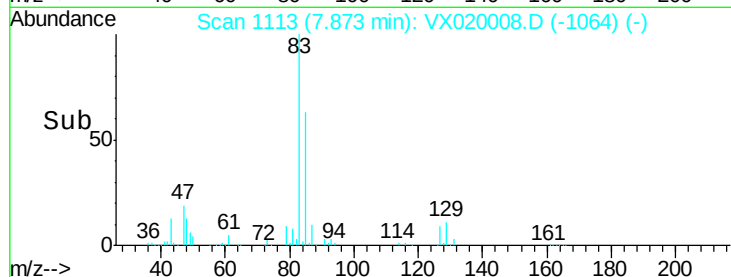
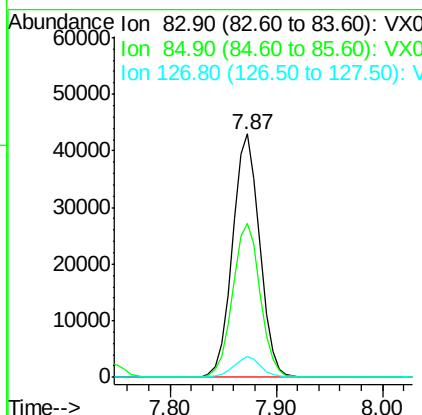
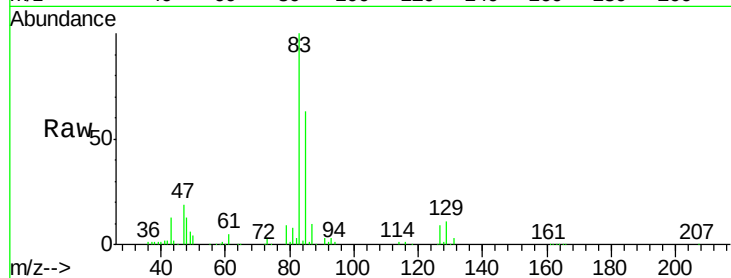




#47
Bromodichloromethane
Concen: 19.590 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

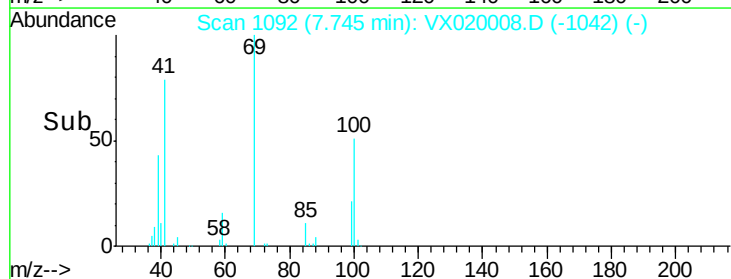
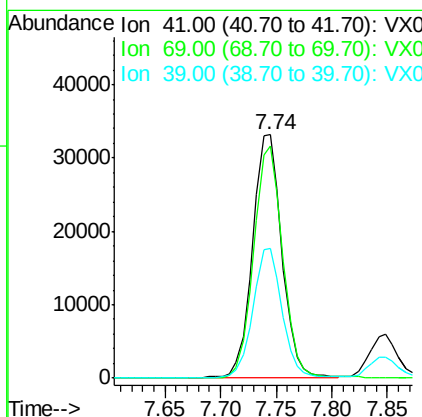
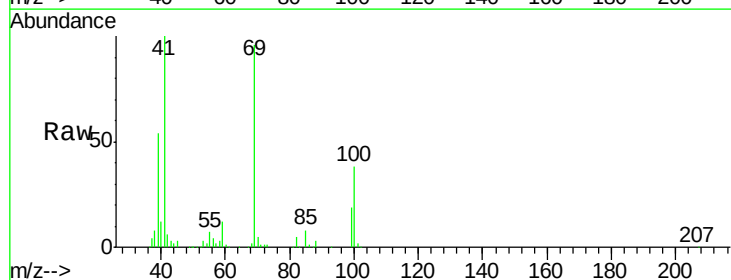
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

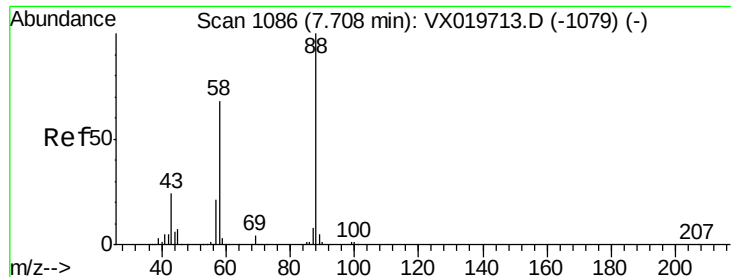
Tgt Ion: 83 Resp: 76973
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 19.786 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 41 Resp: 61350
Ion Ratio Lower Upper
41 100
69 94.0 76.0 114.0
39 53.0 44.6 67.0

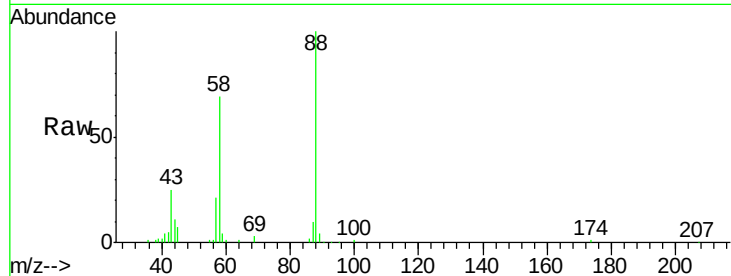




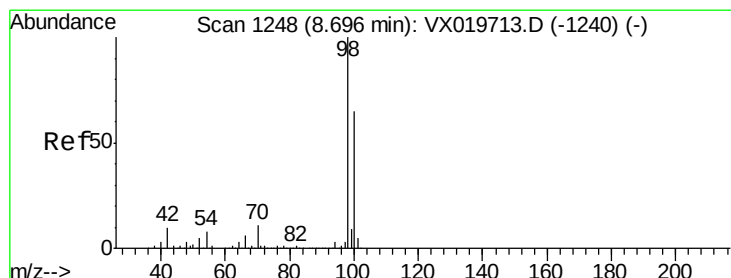
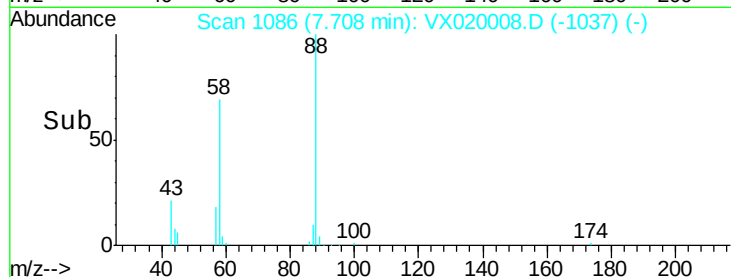
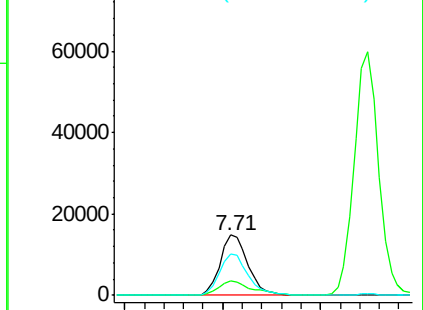
#49
1,4-Dioxane
Concen: 389.856 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

Tgt Ion: 88 Resp: 29283
Ion Ratio Lower Upper
88 100
43 28.2 23.2 34.8
58 71.0 55.0 82.4

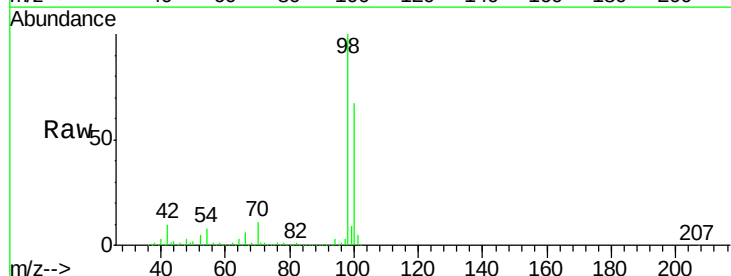


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

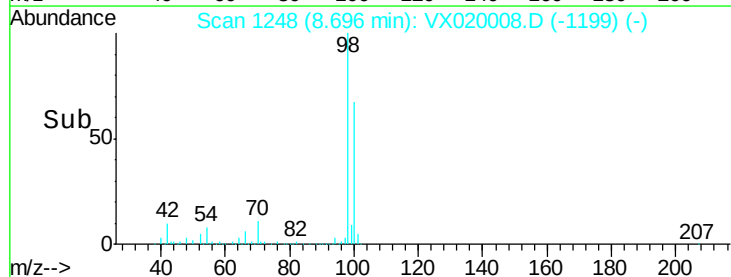
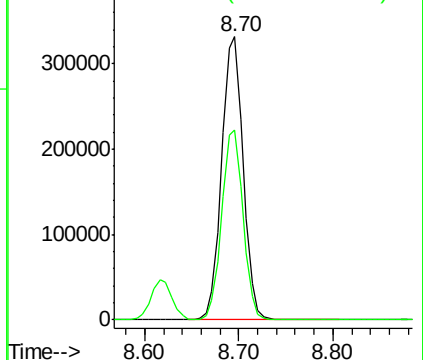


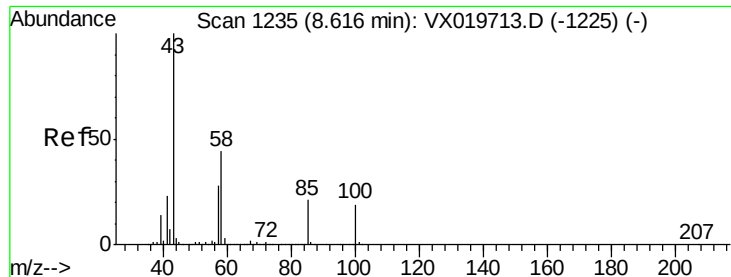
#50
Toluene-d8
Concen: 49.929 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 98 Resp: 523601
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



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

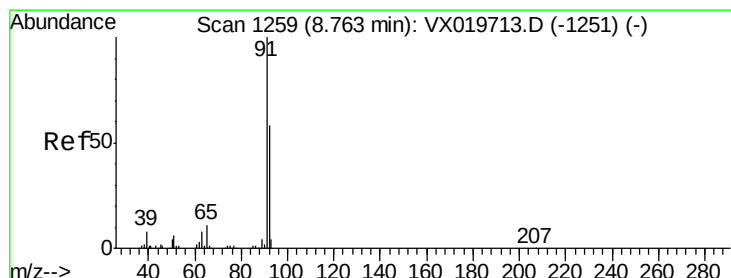
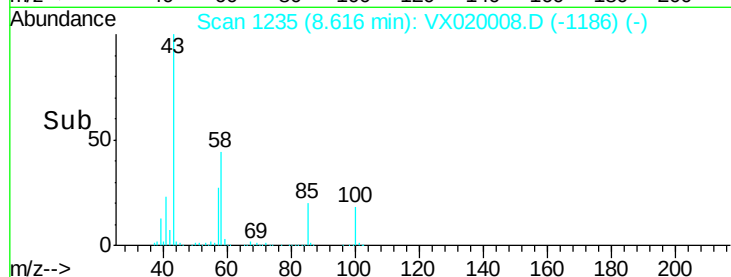
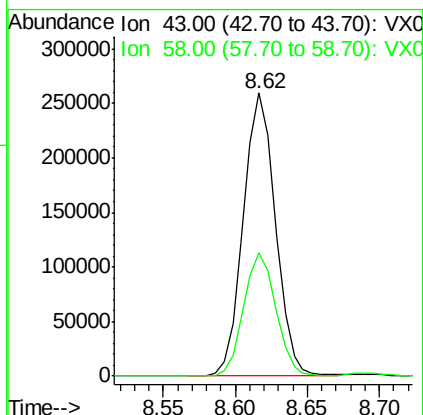
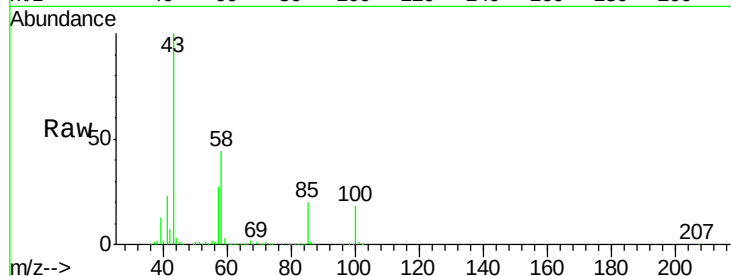




#51
 4-Methyl-2-Pentanone
 Concen: 104.309 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

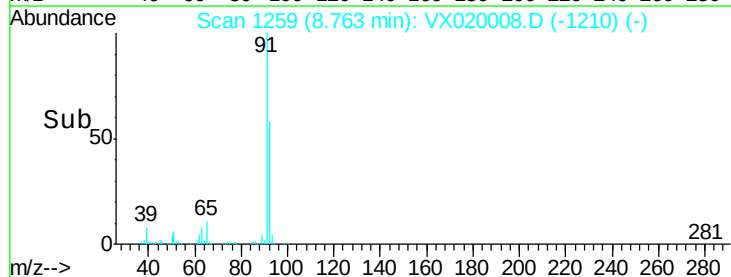
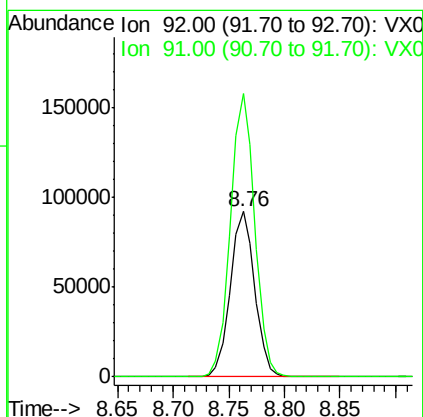
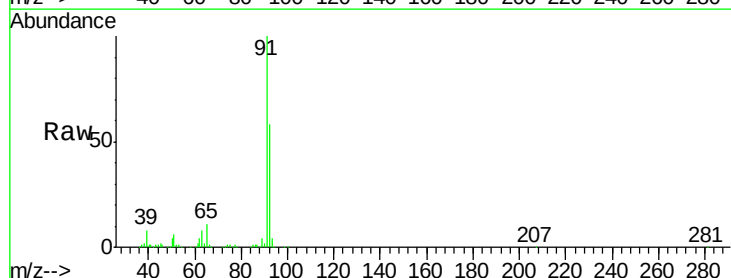
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

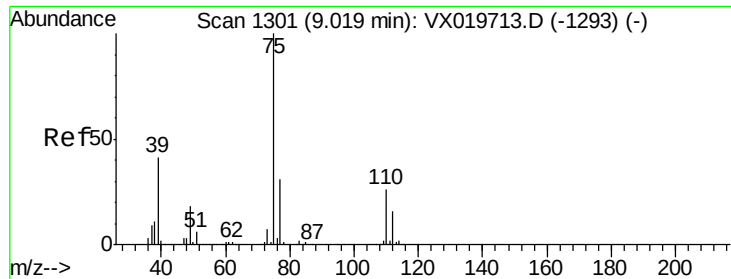
Tgt Ion: 43 Resp: 401501
 Ion Ratio Lower Upper
 43 100
 58 43.6 35.4 53.0



#52
 Toluene
 Concen: 19.025 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 92 Resp: 139602
 Ion Ratio Lower Upper
 92 100
 91 171.2 137.1 205.7

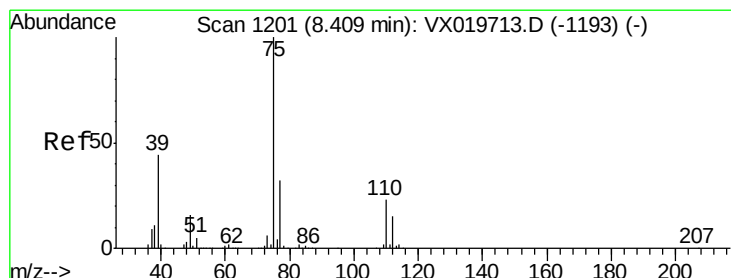
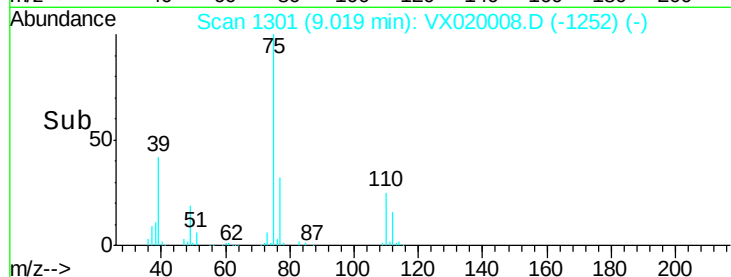
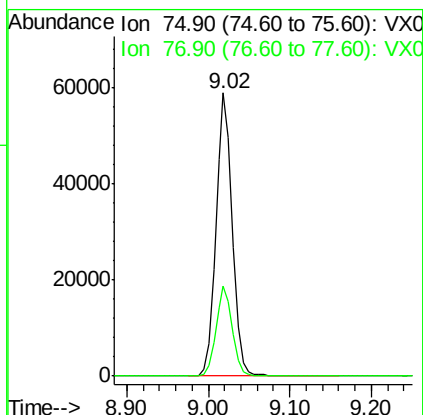
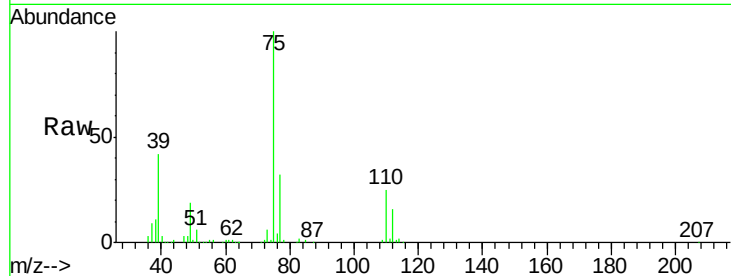




#53
t-1,3-Dichloropropene
Concen: 19.091 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

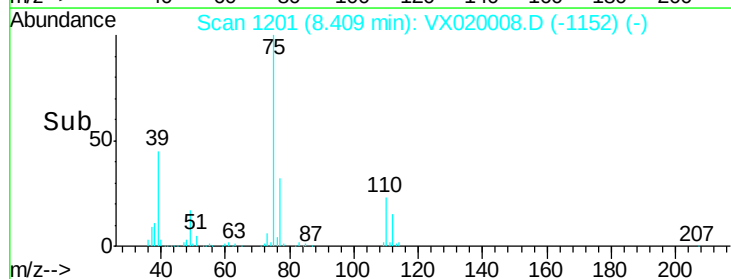
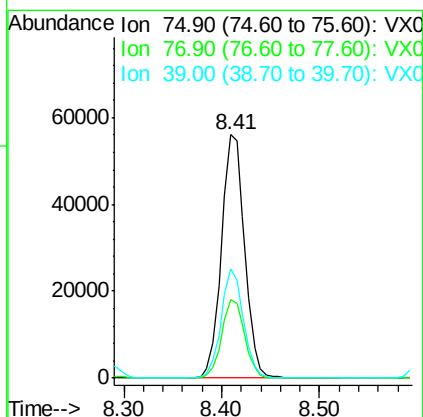
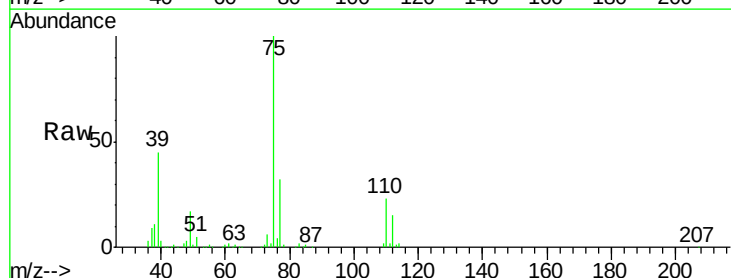
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

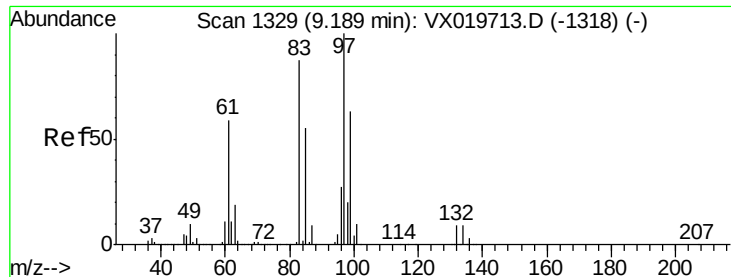
Tgt Ion: 75 Resp: 83244
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 19.426 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 75 Resp: 92023
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
39 44.5 35.1 52.7

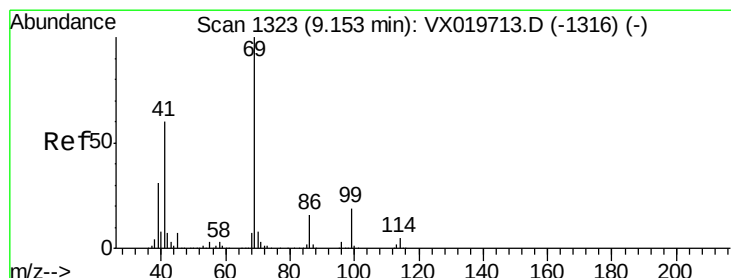
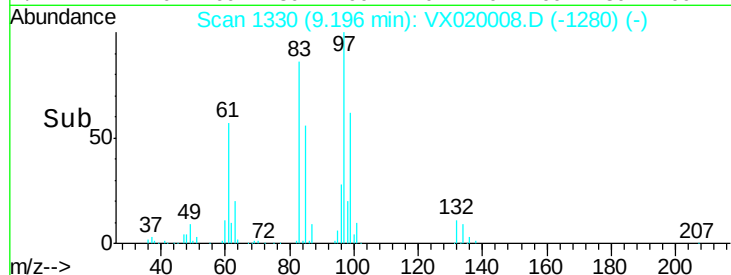
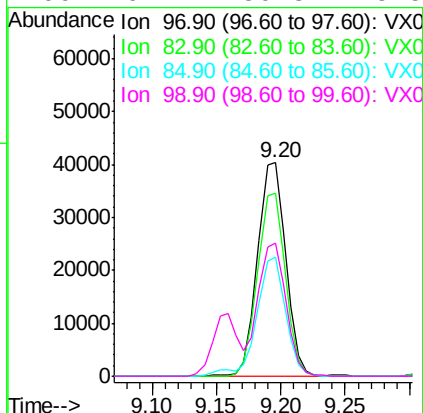
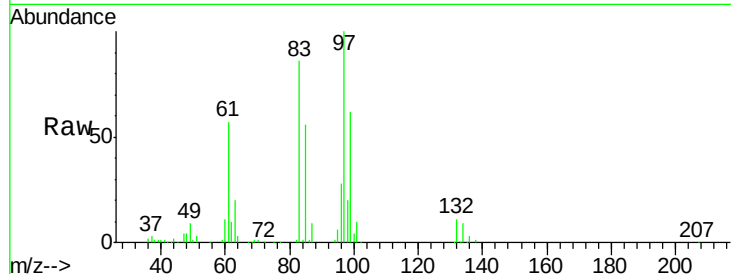




#55
 1,1,2-Trichloroethane
 Concen: 20.714 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

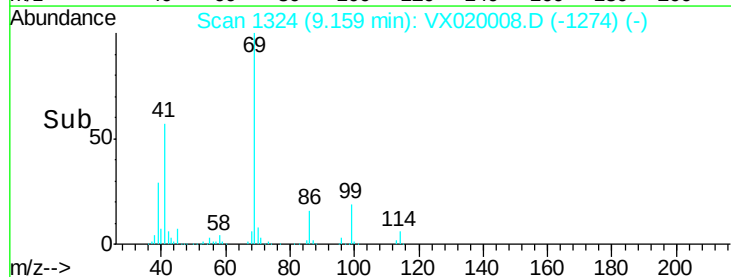
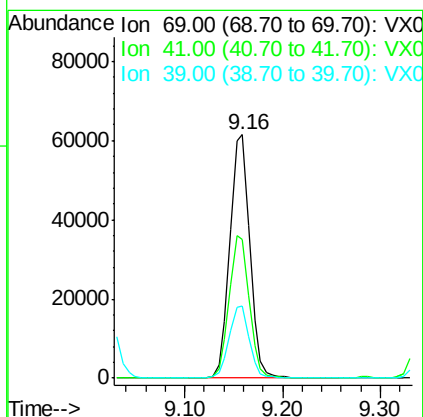
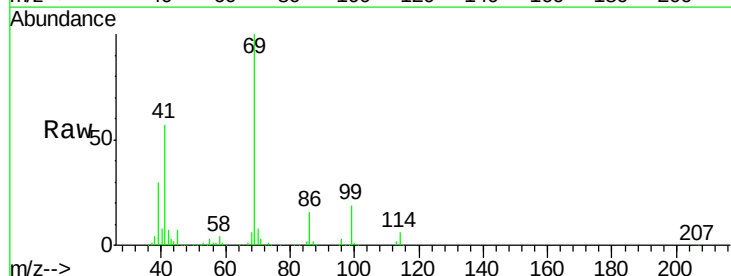
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

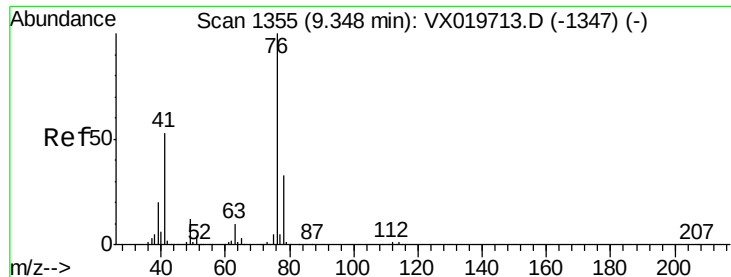
Tgt Ion:	97	Resp:	61253
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.3	103.9
85	55.6	44.3	66.5
99	62.2	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.588 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion:	69	Resp:	87636
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.8	70.2
39	29.7	24.7	37.1

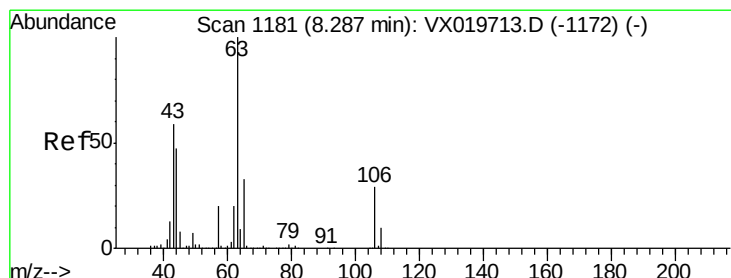
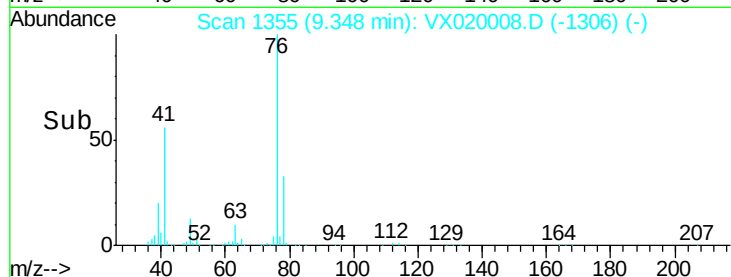
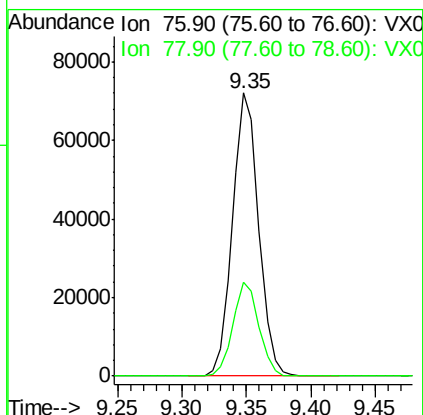
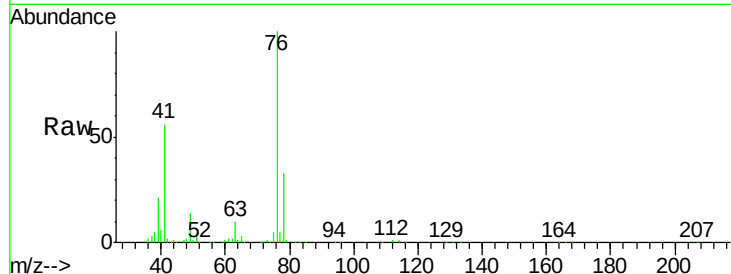




#57
 1,3-Dichloropropane
 Concen: 20.242 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

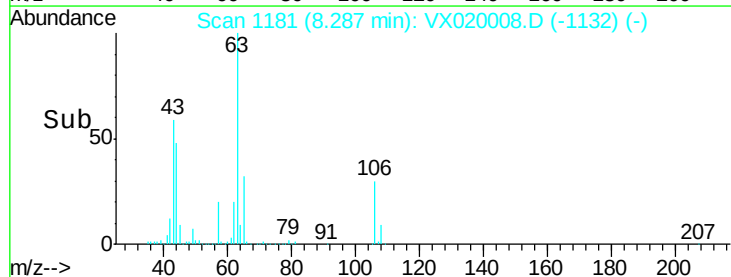
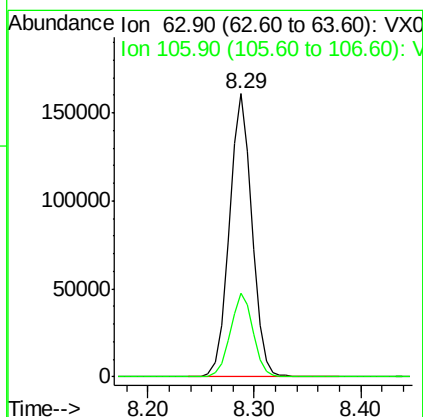
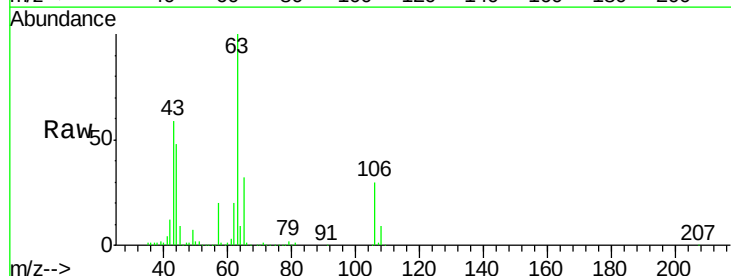
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

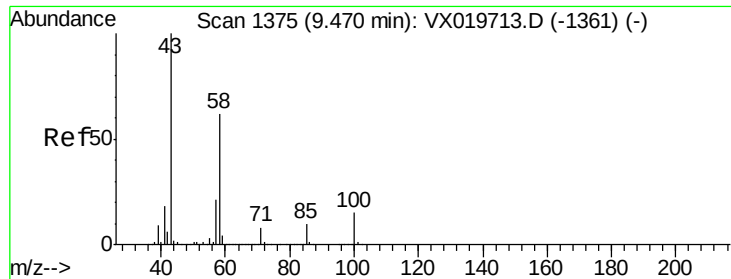
Tgt Ion: 76 Resp: 102205
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.337 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 63 Resp: 240178
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.5 35.3

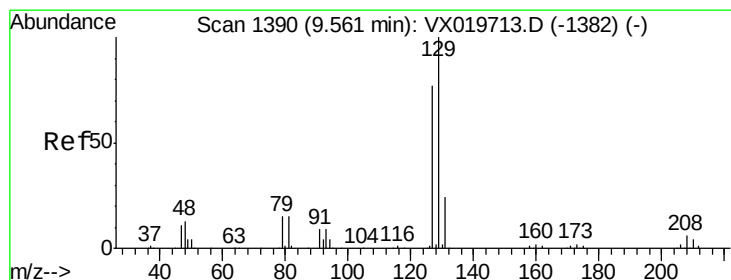
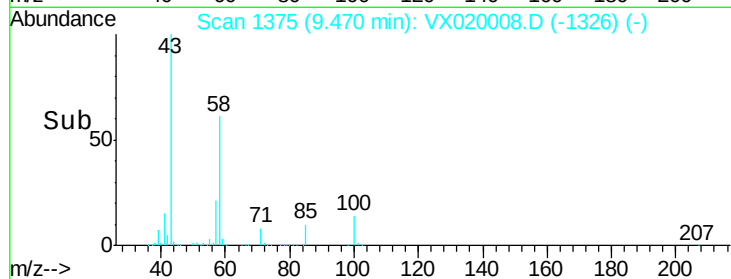
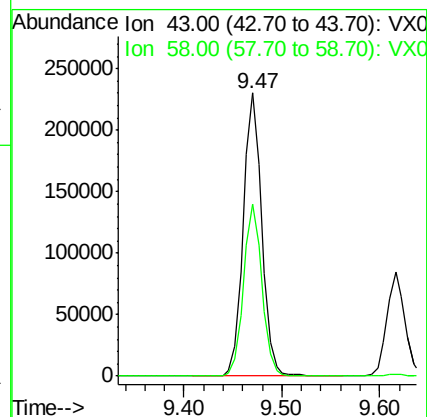
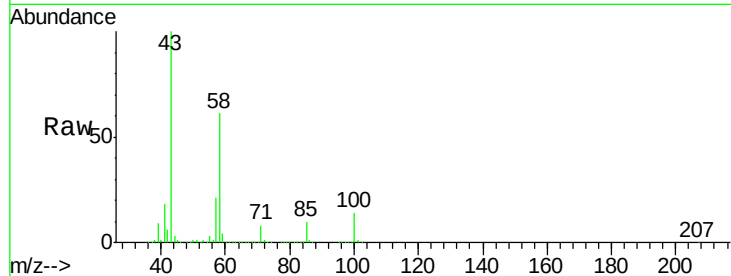




#59
2-Hexanone
Concen: 101.237 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

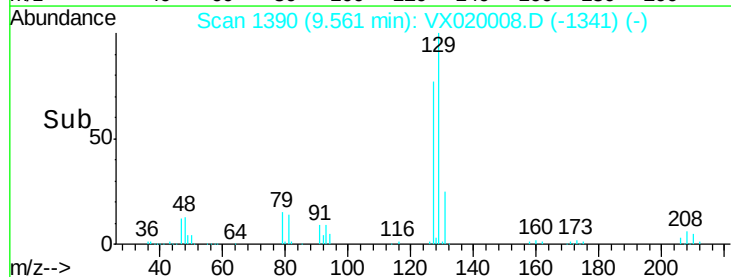
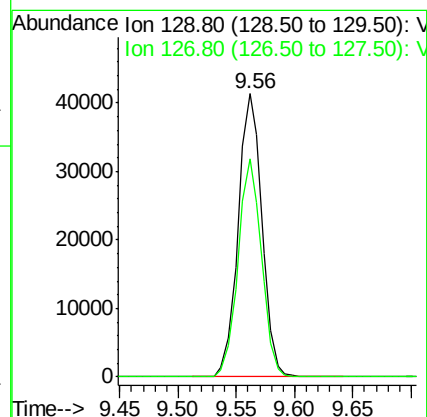
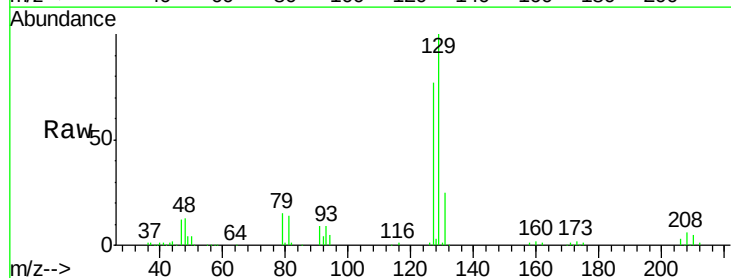
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

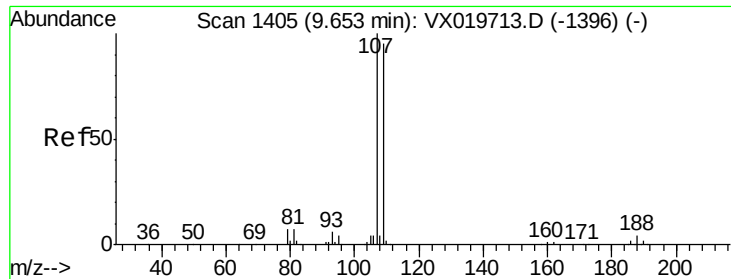
Tgt Ion: 43 Resp: 302049
Ion Ratio Lower Upper
43 100
58 60.7 30.9 92.8



#60
Dibromochloromethane
Concen: 19.622 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 129 Resp: 58952
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.751 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

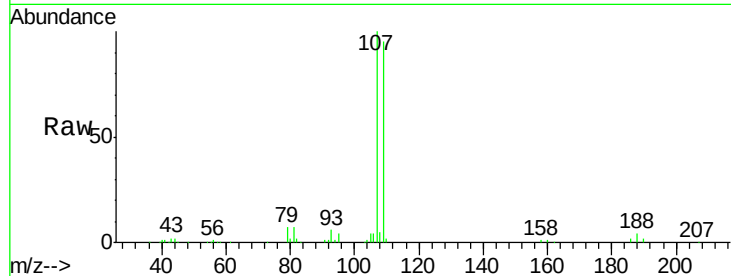
VX1215WBSD01

Tgt Ion: 107 Resp: 62018

Ion Ratio Lower Upper

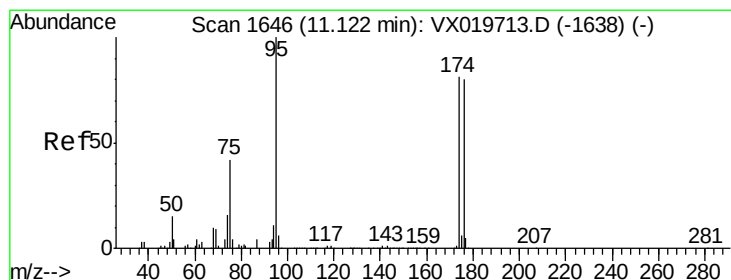
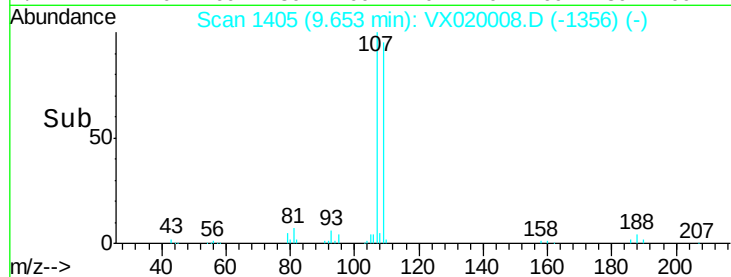
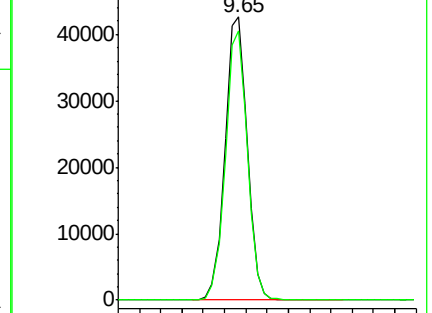
107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.651 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

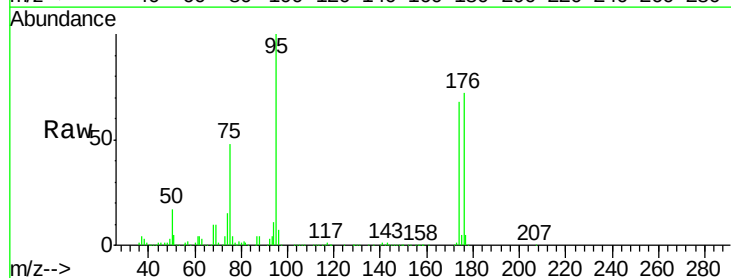
Tgt Ion: 95 Resp: 198181

Ion Ratio Lower Upper

95 100

174 75.9 0.0 154.6

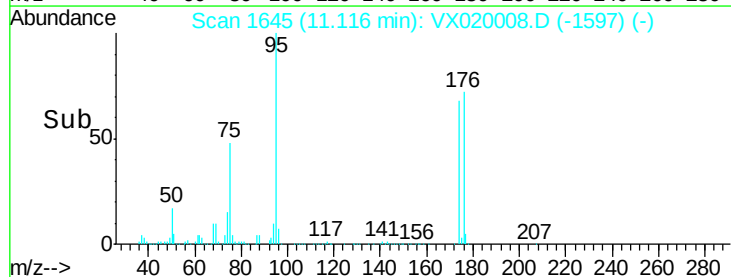
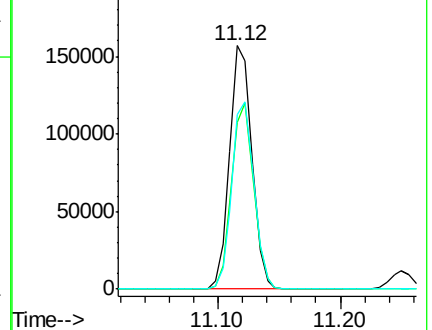
176 76.3 0.0 155.8

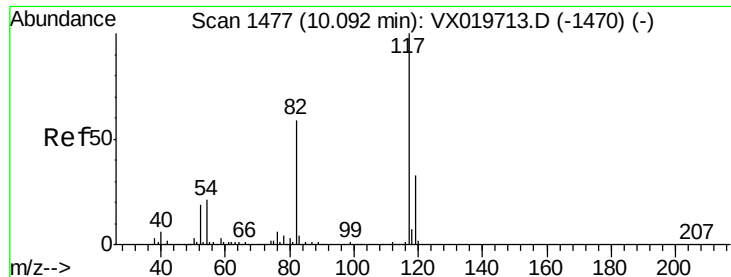


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

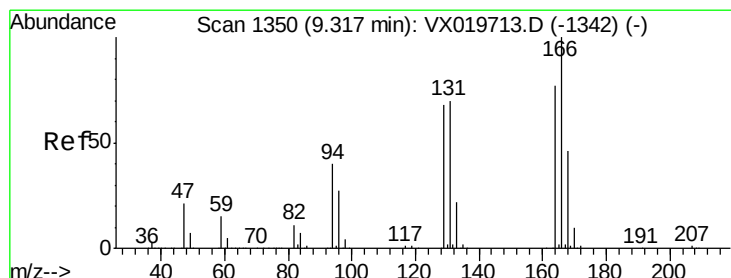
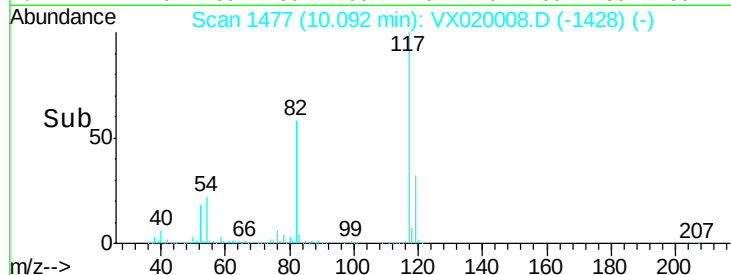
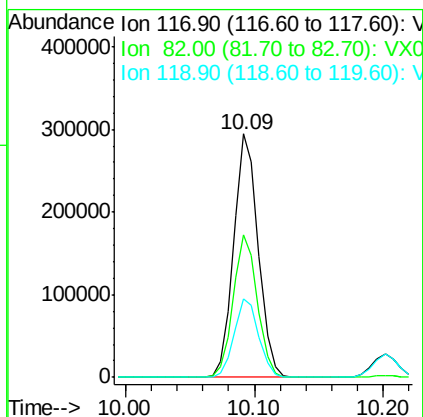
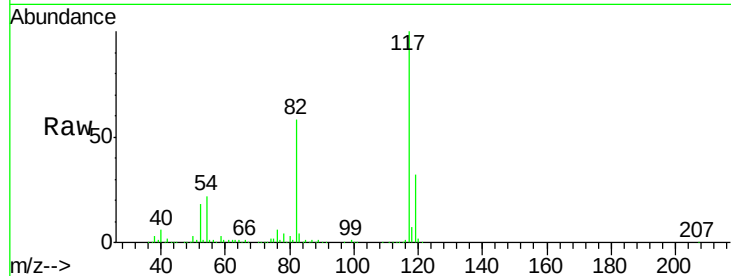




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

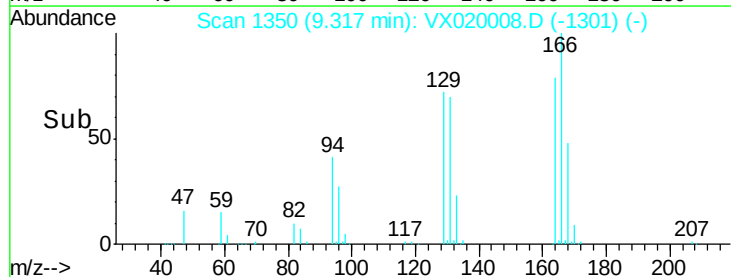
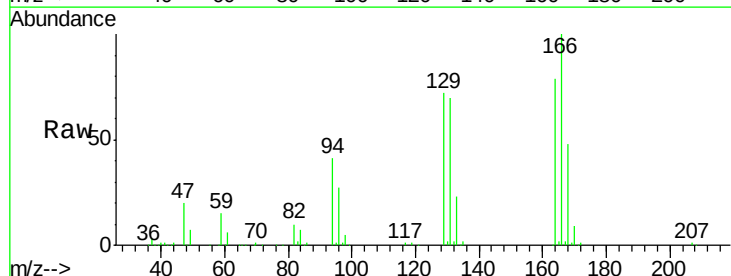
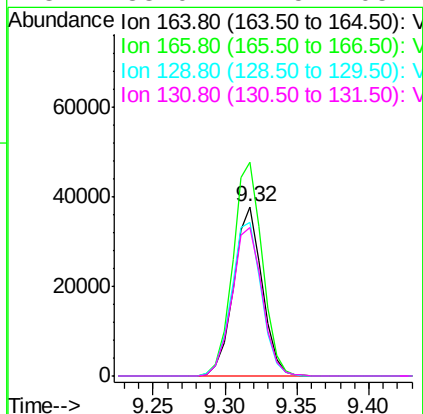
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

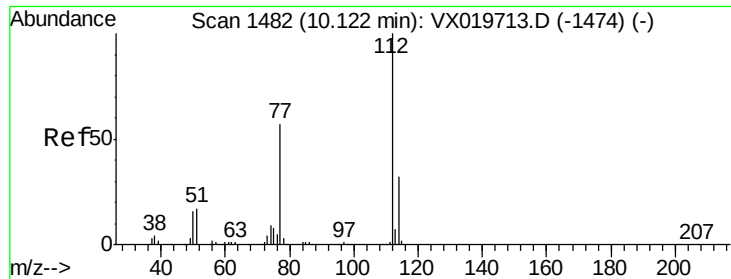
Tgt Ion:117 Resp: 391044
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 19.859 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion:164 Resp: 52078
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.2
129 90.8 70.8 106.2
131 88.0 72.5 108.7

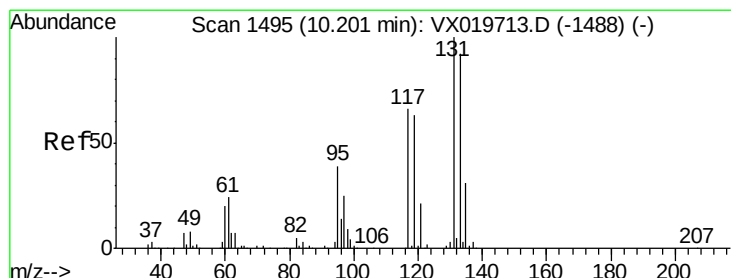
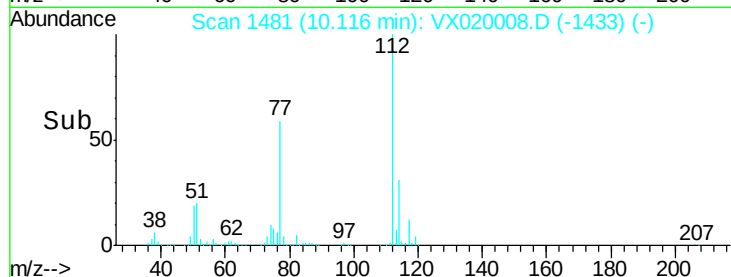
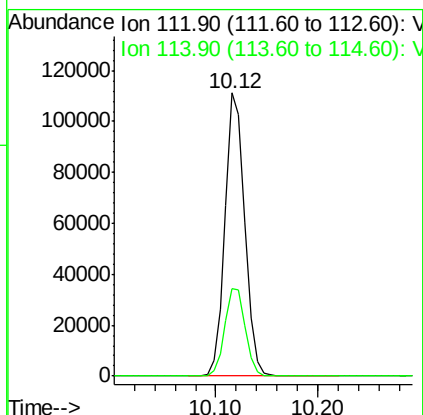
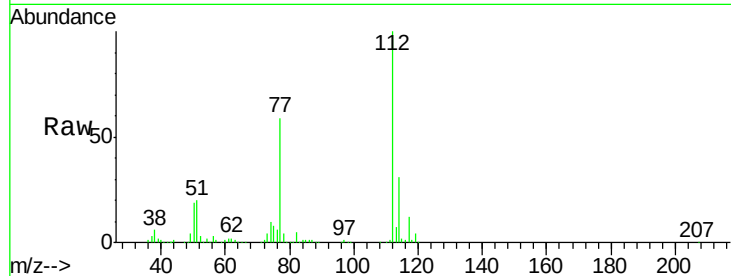




#65
Chlorobenzene
Concen: 19.103 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

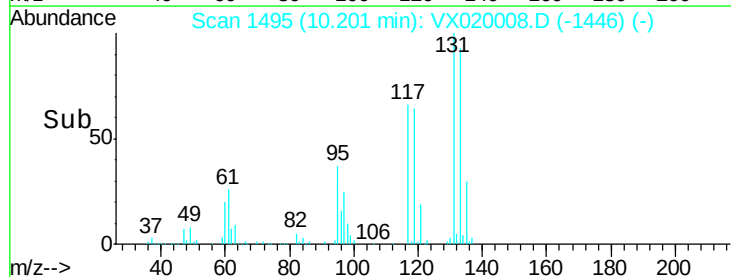
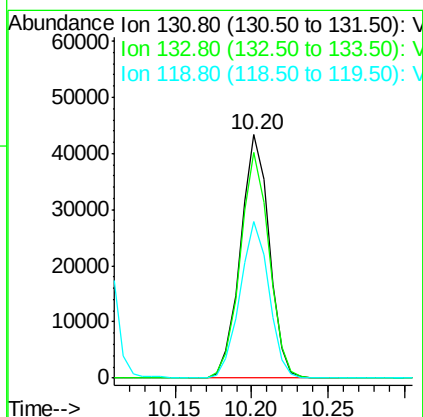
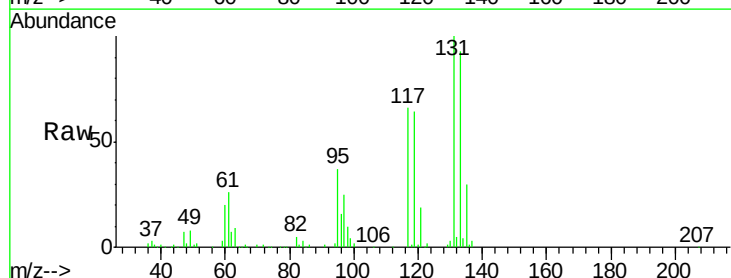
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

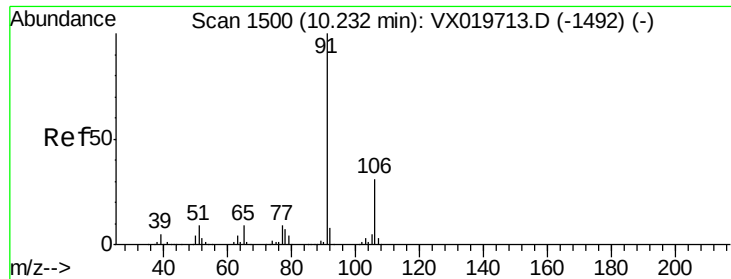
Tgt Ion:112 Resp: 148823
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.138 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion:131 Resp: 56470
Ion Ratio Lower Upper
131 100
133 93.4 47.7 143.1
119 65.1 32.1 96.5





#67

Ethyl Benzene

Concen: 18.843 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

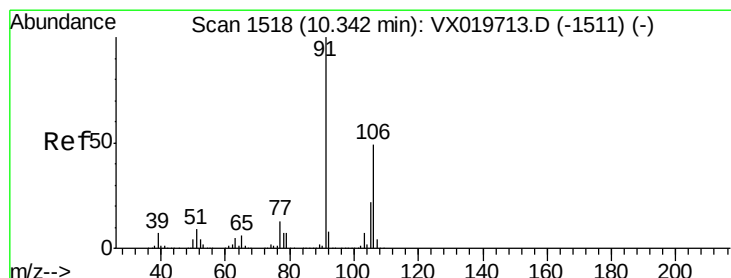
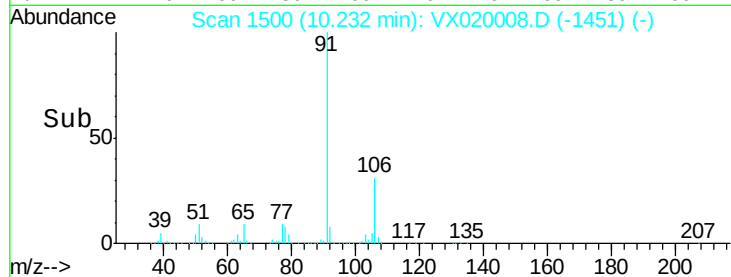
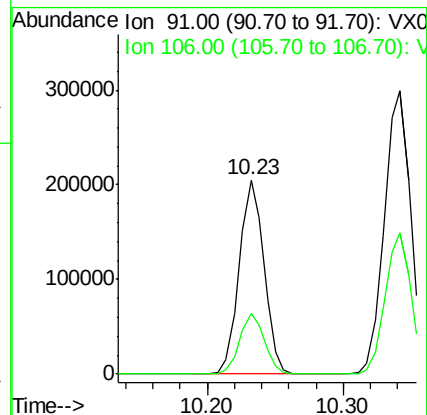
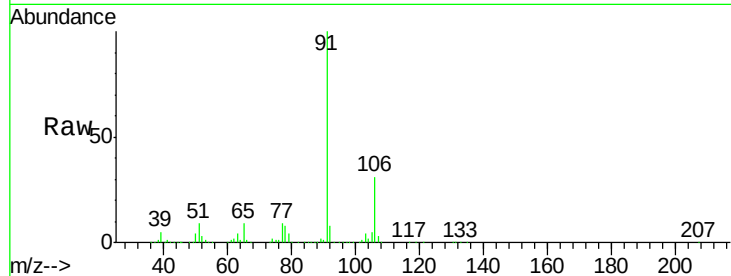
VX1215WBSD01

Tgt Ion: 91 Resp: 260583

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



#68

m/p-Xylenes

Concen: 37.775 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX020008.D

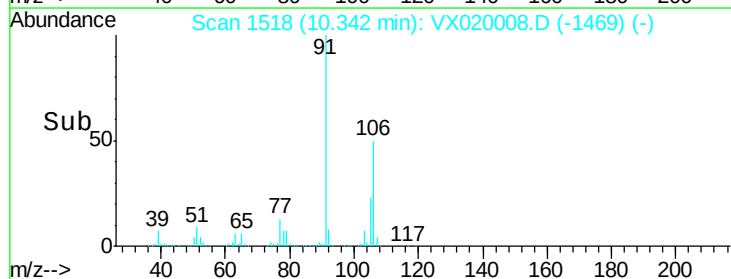
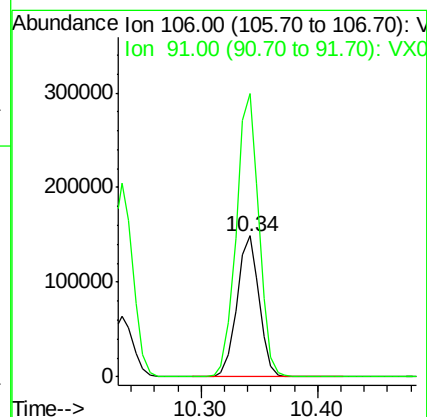
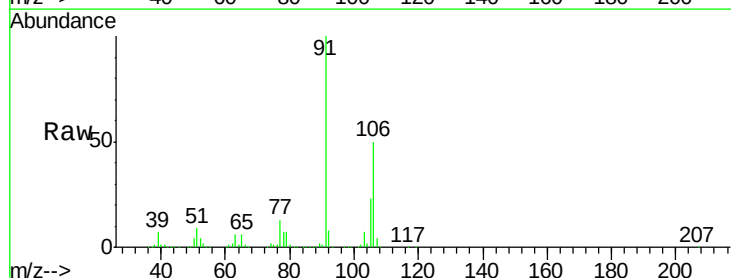
Acq: 15 Dec 2020 13:52

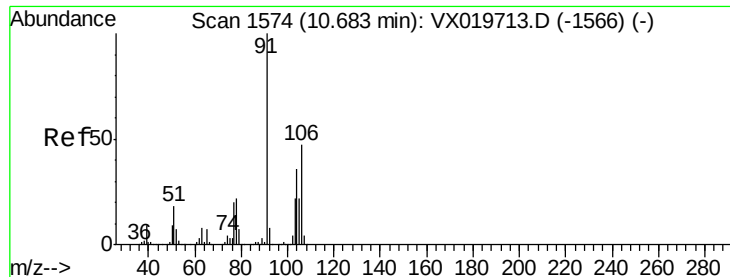
Tgt Ion: 106 Resp: 196844

Ion Ratio Lower Upper

106 100

91 205.0 162.8 244.2

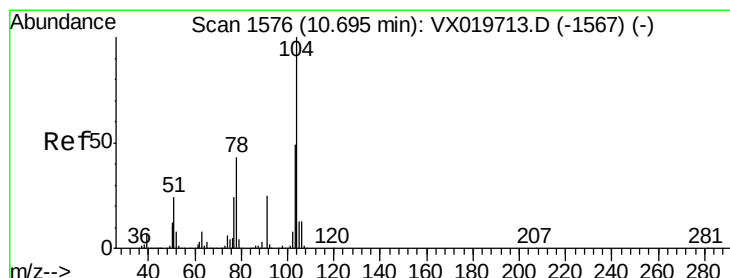
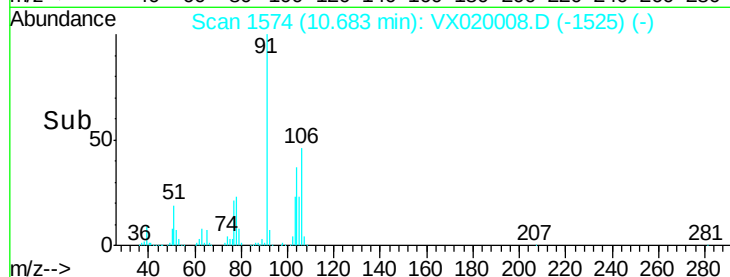
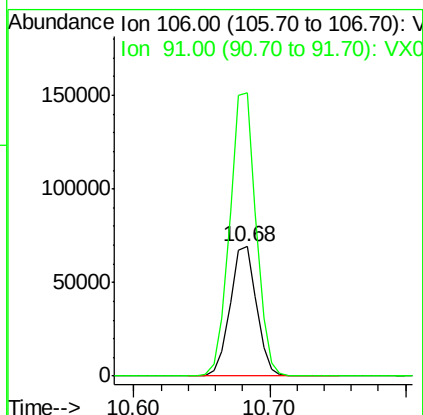
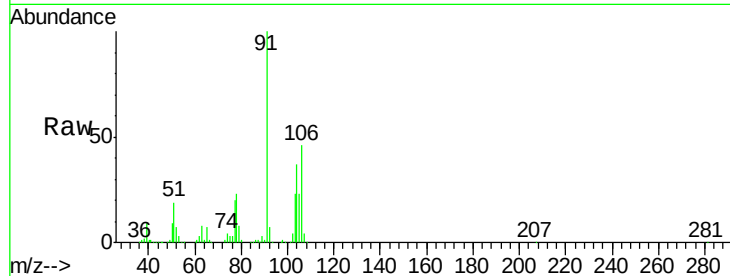




#69
o-Xylene
Concen: 18.624 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

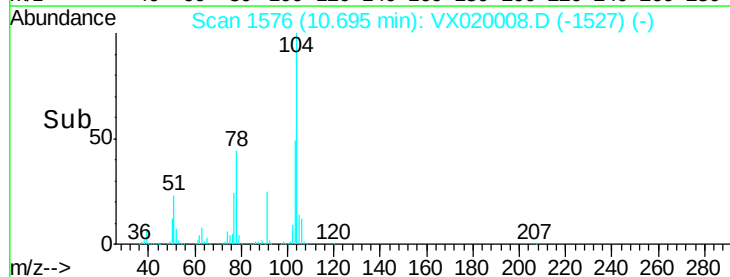
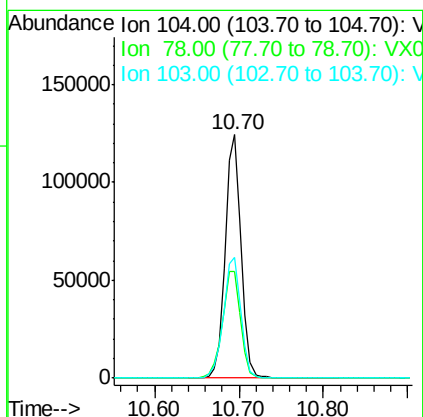
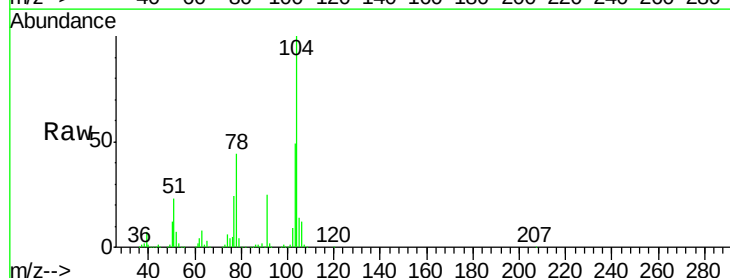
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

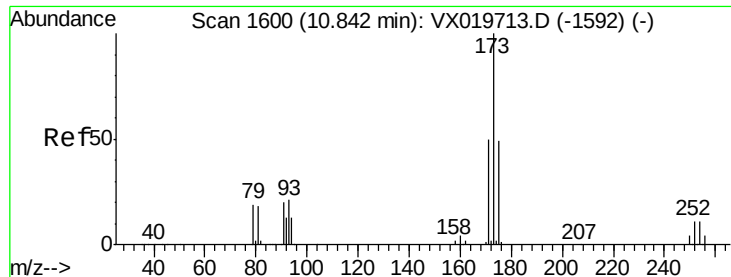
Tgt Ion:106 Resp: 93357
Ion Ratio Lower Upper
106 100
91 218.2 108.1 324.2



#70
Styrene
Concen: 19.127 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion:104 Resp: 161828
Ion Ratio Lower Upper
104 100
78 50.5 40.0 60.0
103 54.8 43.4 65.0





#71

Bromoform

Concen: 19.186 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

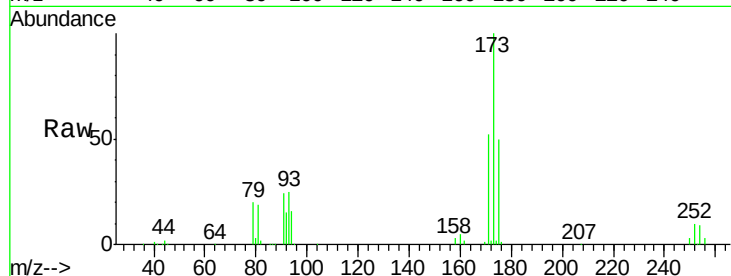
Tgt Ion:173 Resp: 42322

Ion Ratio Lower Upper

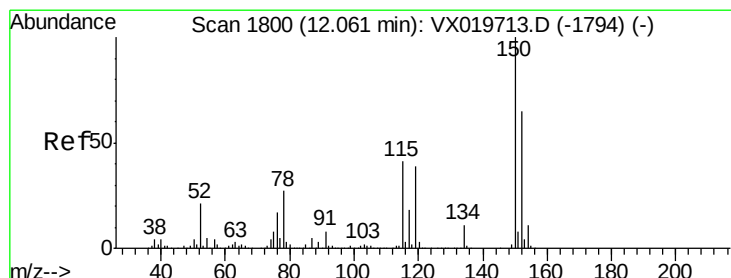
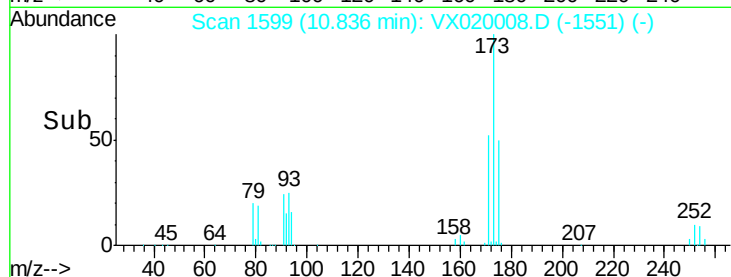
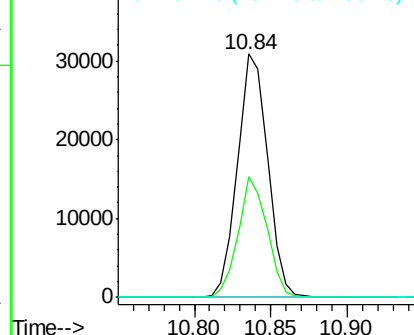
173 100

175 47.4 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: VX020008.D

Acq: 15 Dec 2020 13:52

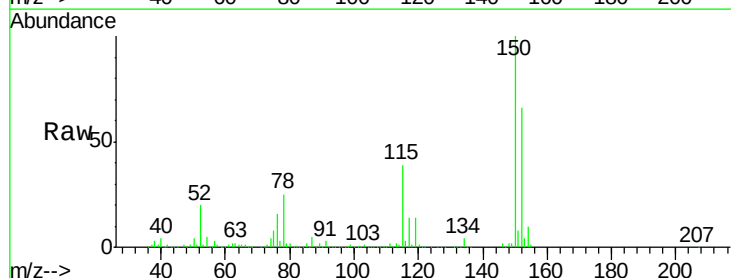
Tgt Ion:152 Resp: 192405

Ion Ratio Lower Upper

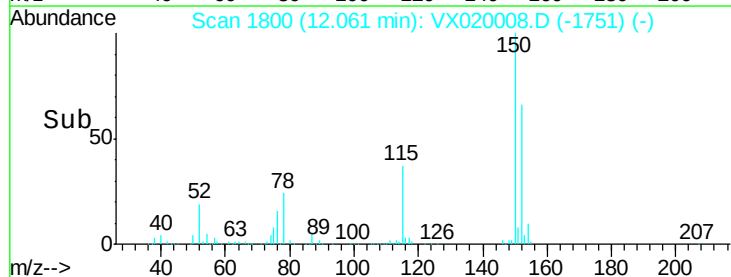
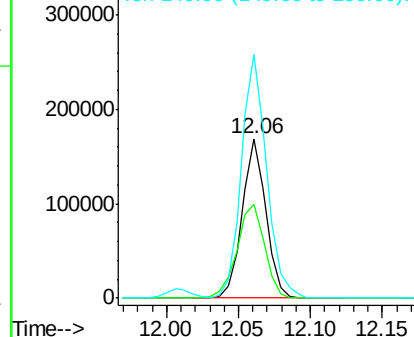
152 100

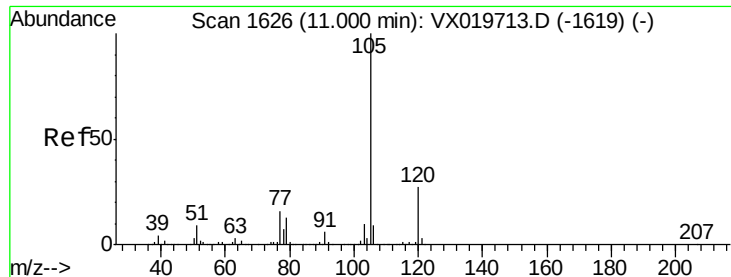
115 69.6 41.1 123.3

150 163.7 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

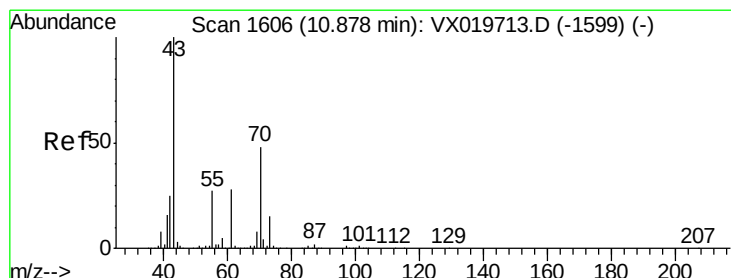
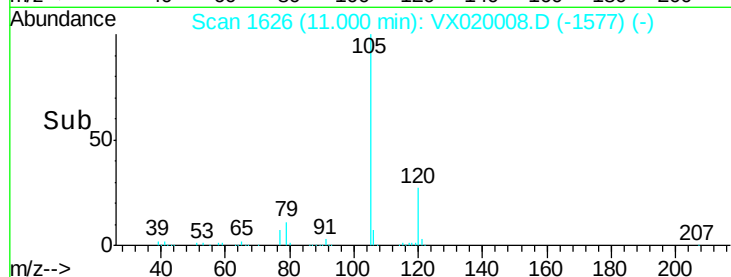
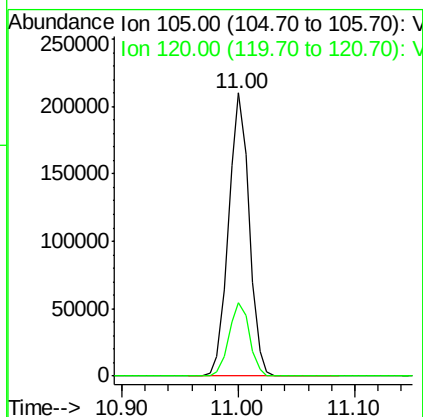
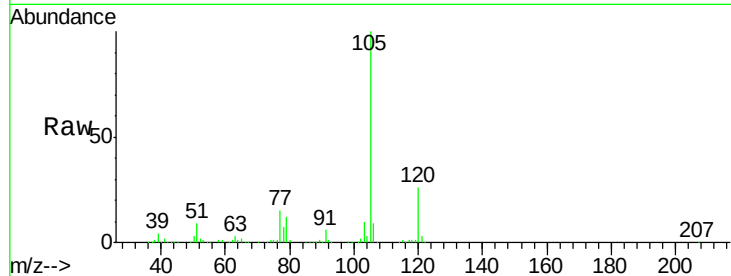




#73
Isopropylbenzene
Concen: 19.607 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

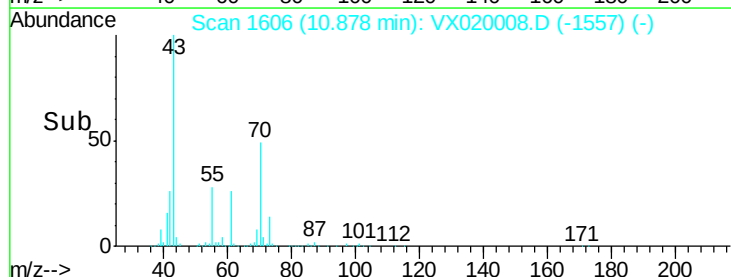
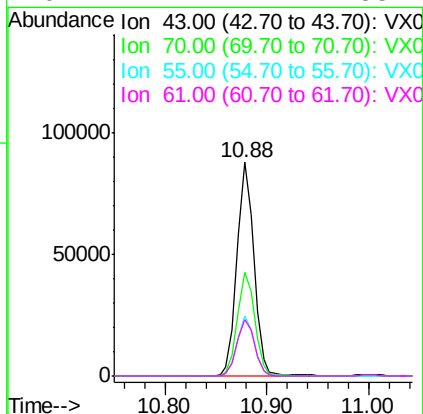
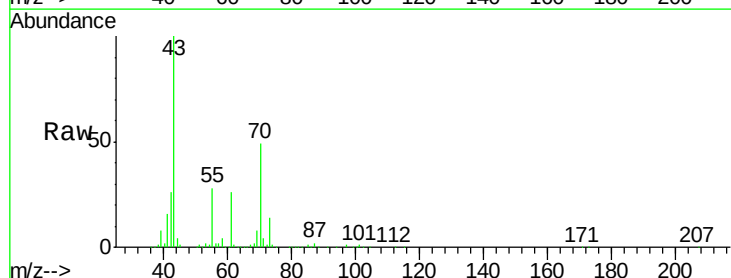
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

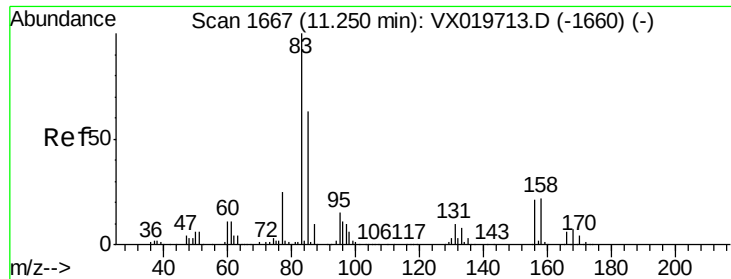
Tgt Ion: 105 Resp: 257738
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



#74
N-ethyl acetate
Concen: 19.077 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 43 Resp: 100494
Ion Ratio Lower Upper
43 100
70 49.9 39.0 58.6
55 28.7 21.5 32.3
61 27.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.523 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

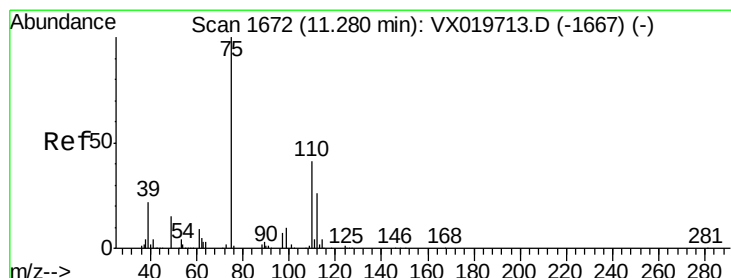
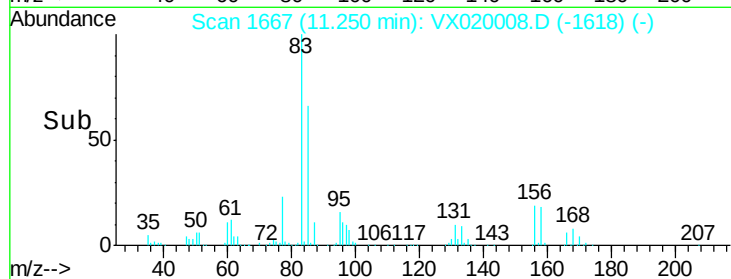
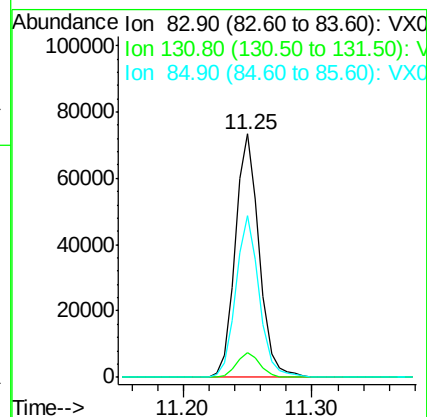
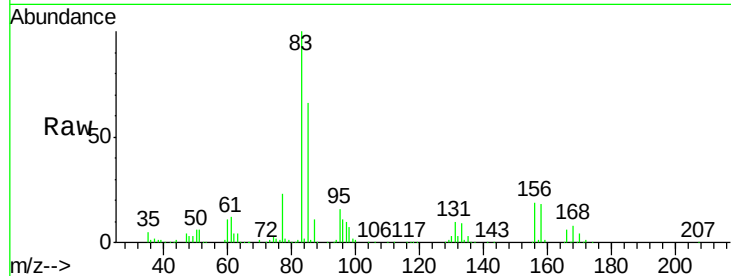
Tgt Ion: 83 Resp: 95110

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 24.693 ug/l

RT: 11.27 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VX020008.D

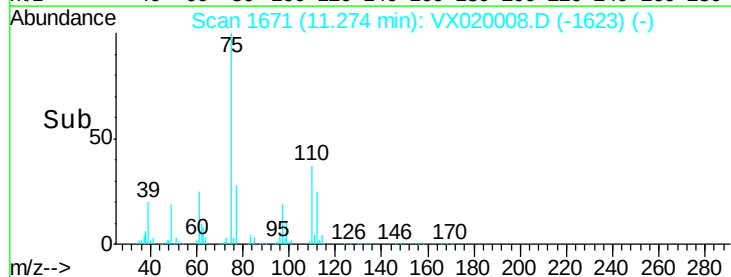
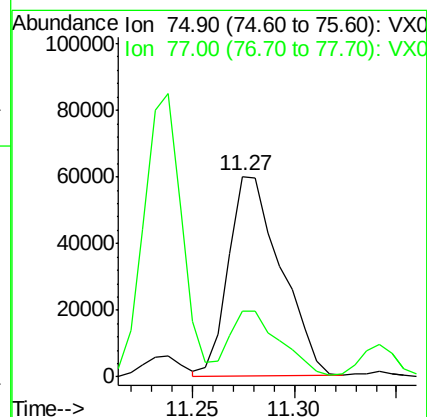
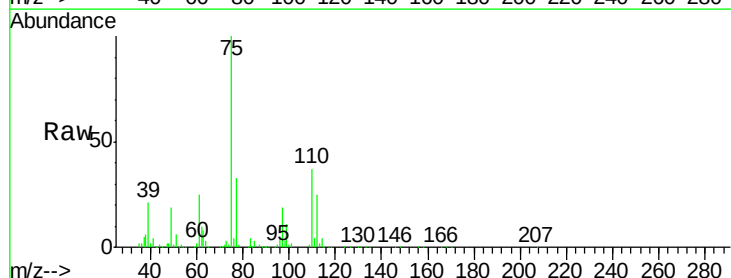
Acq: 15 Dec 2020 13:52

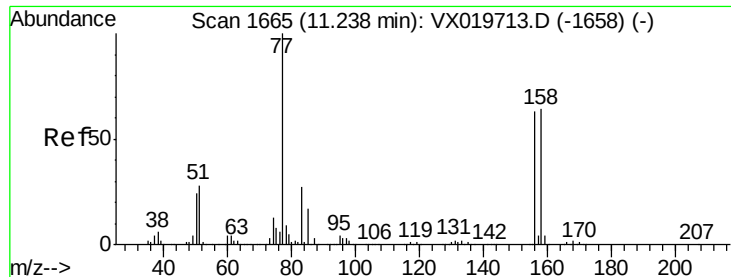
Tgt Ion: 75 Resp: 106556

Ion Ratio Lower Upper

75 100

77 32.9 19.1 57.5





#77

Bromobenzene

Concen: 19.518 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBSD01

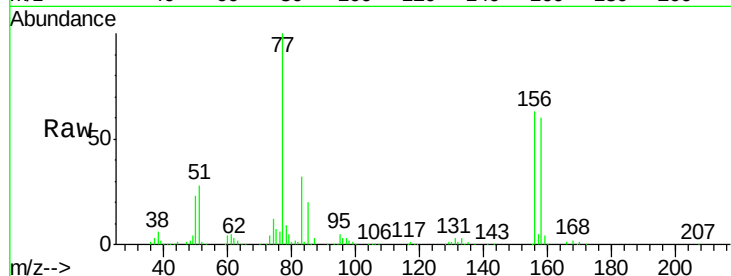
Tgt Ion:156 Resp: 65657

Ion Ratio Lower Upper

156 100

77 166.0 82.8 248.6

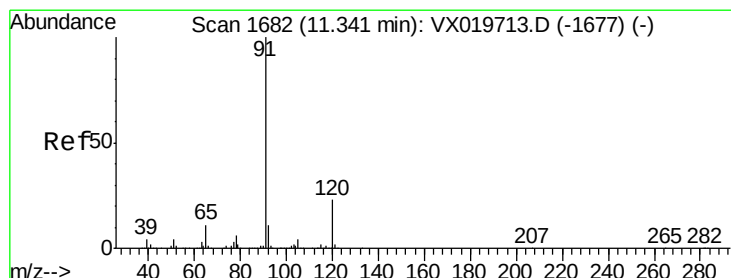
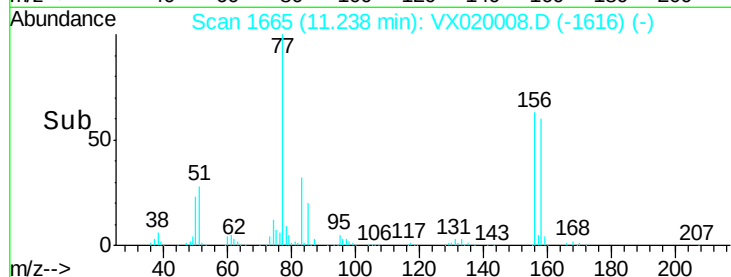
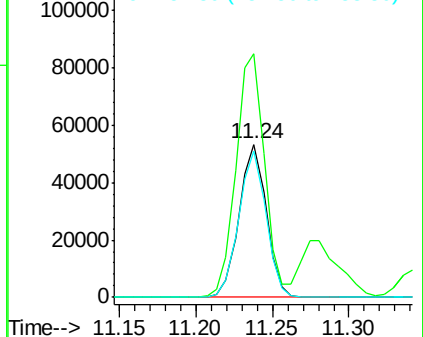
158 96.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.460 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX020008.D

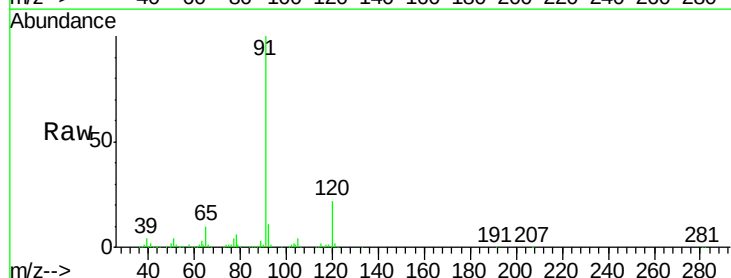
Acq: 15 Dec 2020 13:52

Tgt Ion: 91 Resp: 292169

Ion Ratio Lower Upper

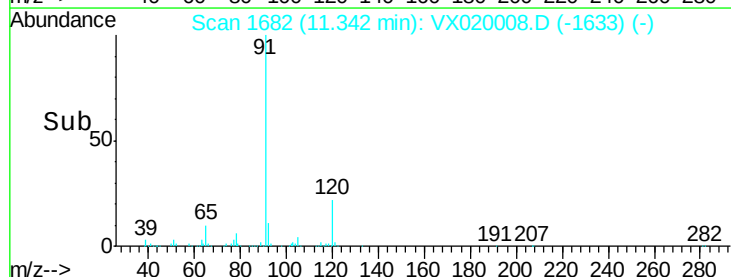
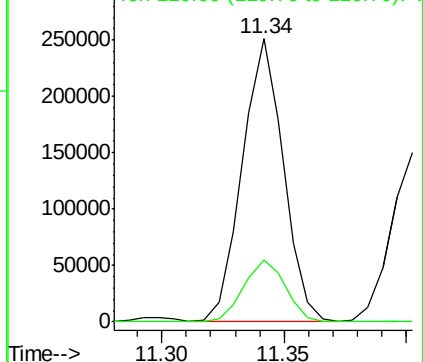
91 100

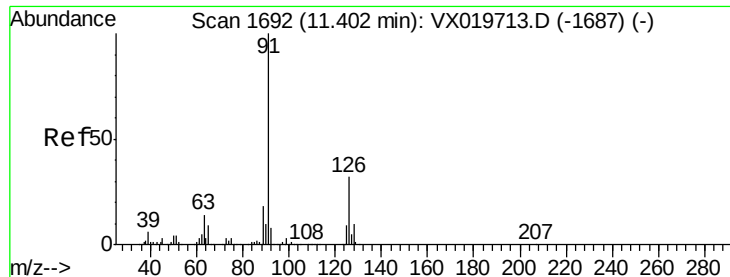
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

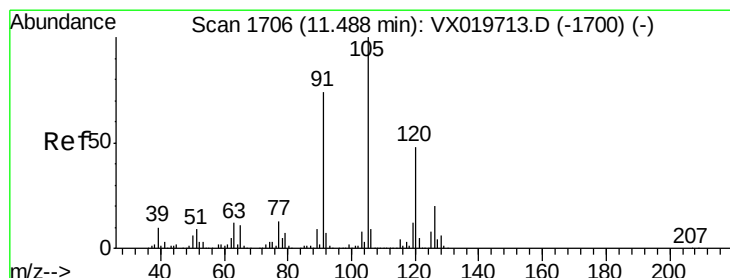
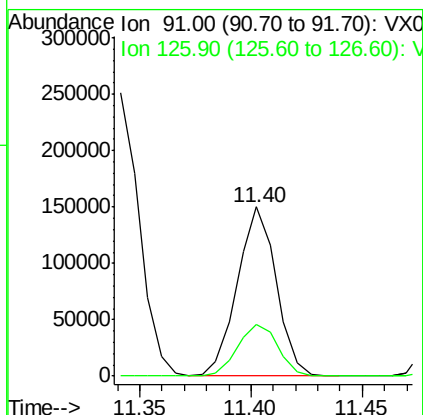
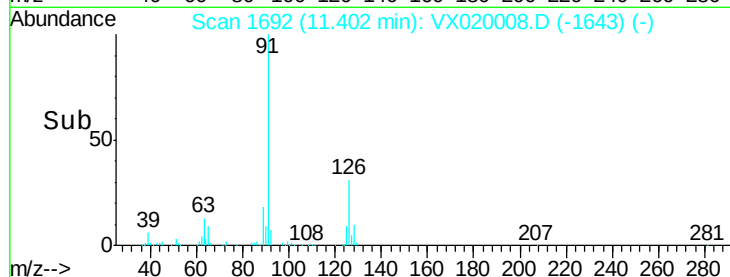
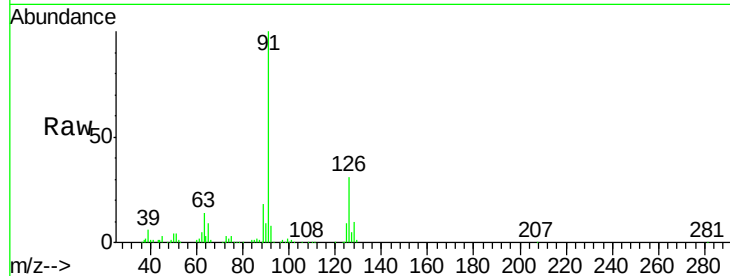




#79
2-Chlorotoluene
Concen: 19.650 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

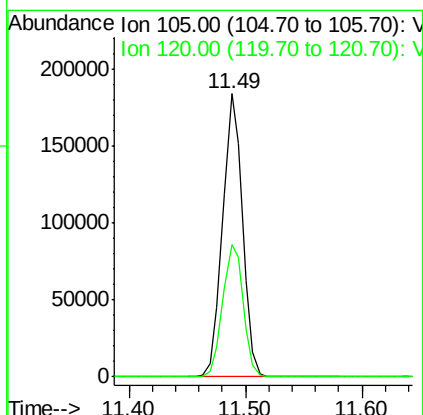
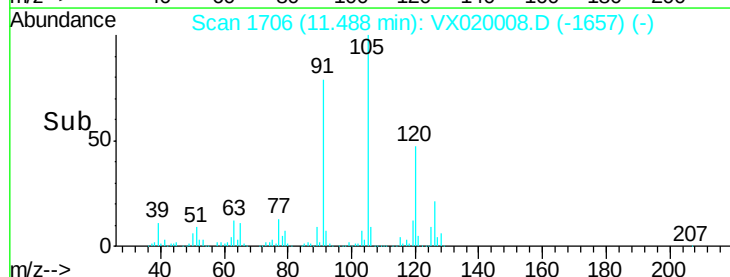
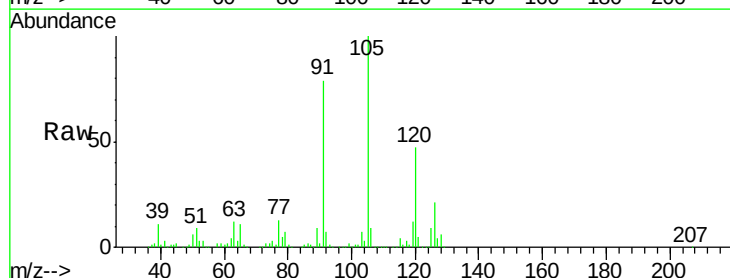
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

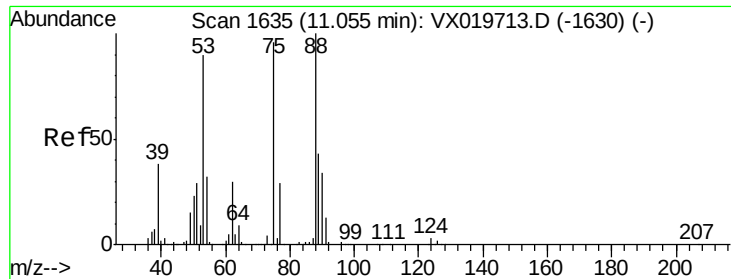
Tgt Ion: 91 Resp: 181678
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 19.453 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 105 Resp: 215810
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.5

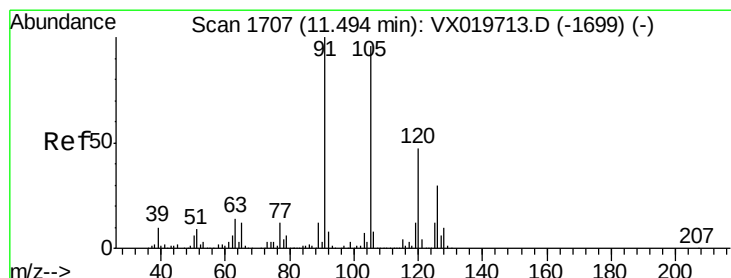
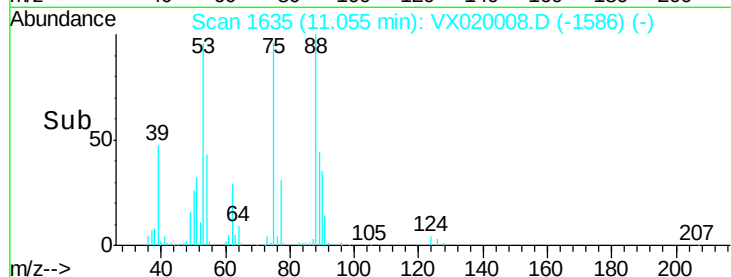
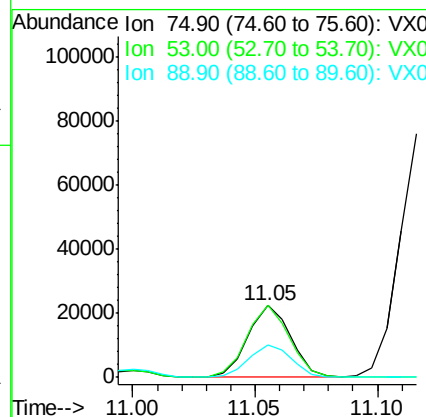
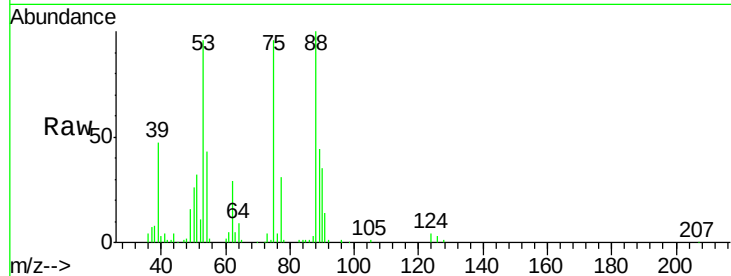




#81
trans-1,4-Dichloro-2-butene
Concen: 18.205 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

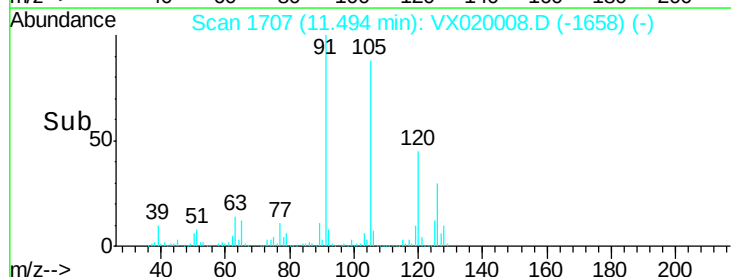
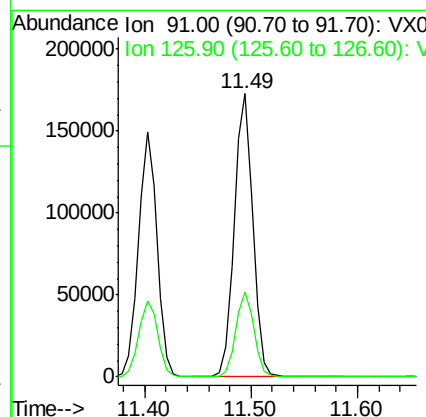
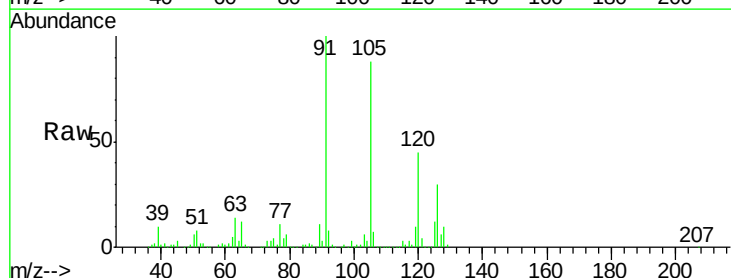
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

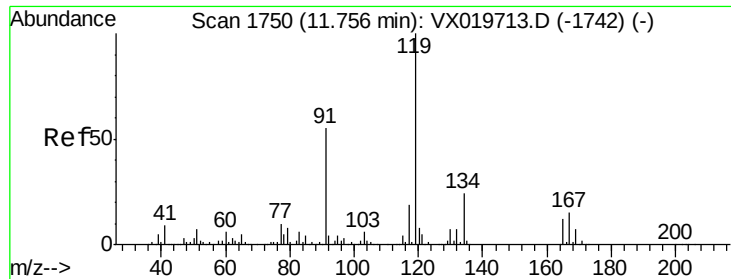
Tgt Ion: 75 Resp: 27176
Ion Ratio Lower Upper
75 100
53 100.0 74.5 111.7
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.493 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 91 Resp: 211074
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.5

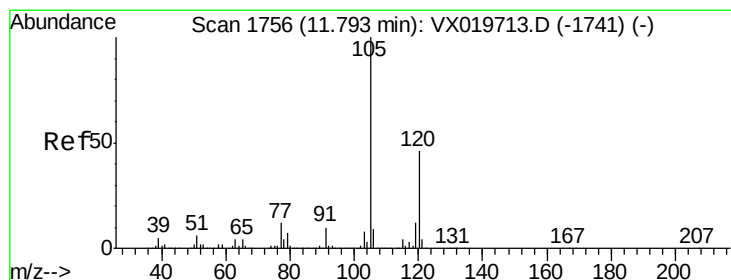
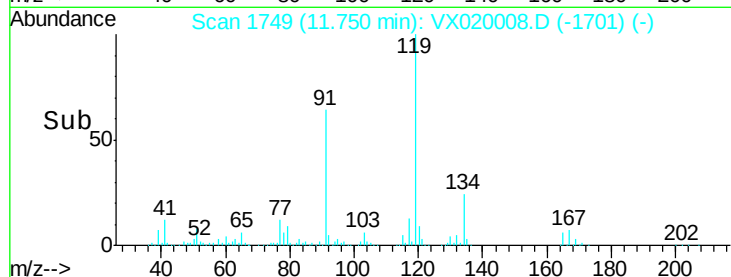
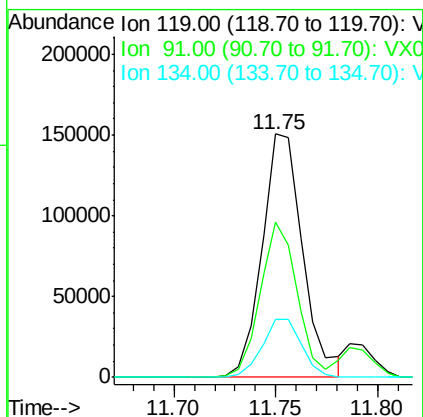
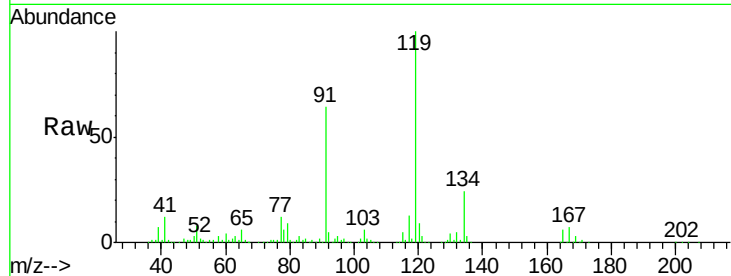




#83
 tert-Butylbenzene
 Concen: 19.243 ug/l
 RT: 11.75 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

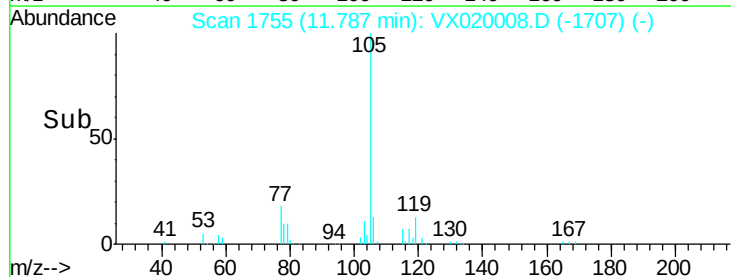
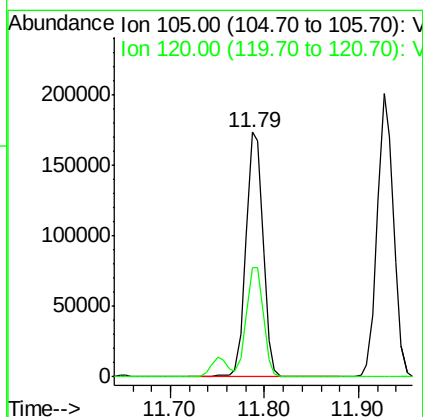
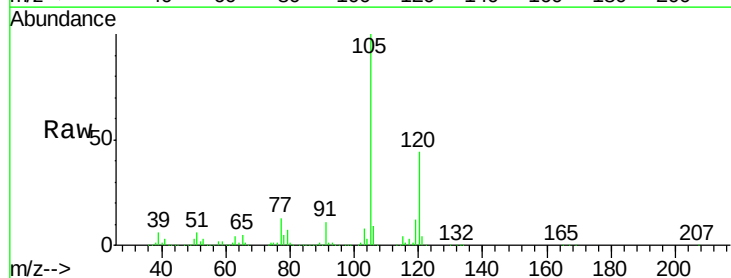
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

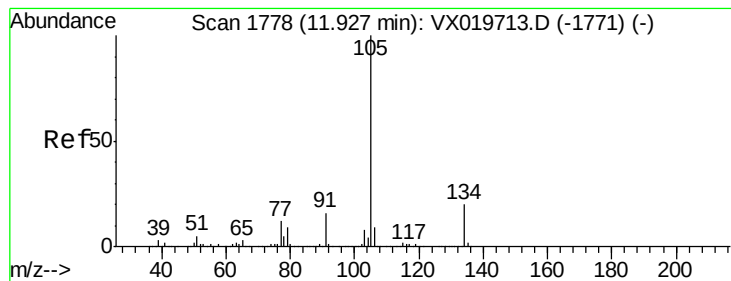
Tgt Ion:119 Resp: 209374
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.9 83.7
 134 23.3 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.633 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion:105 Resp: 219408
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.318 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

Instrument :

MSVOA_X

ClientSampleId :

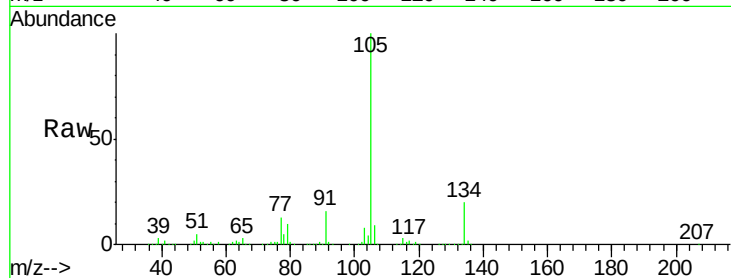
VX1215WBSD01

Tgt Ion:105 Resp: 239983

Ion Ratio Lower Upper

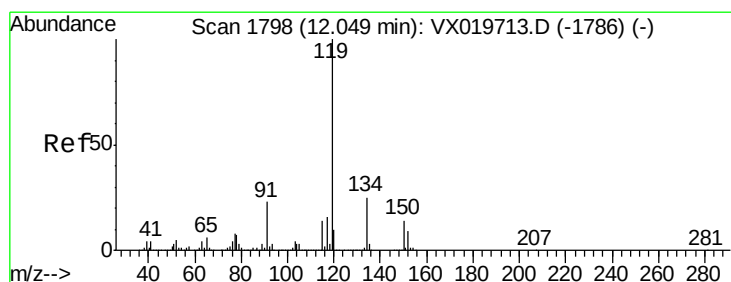
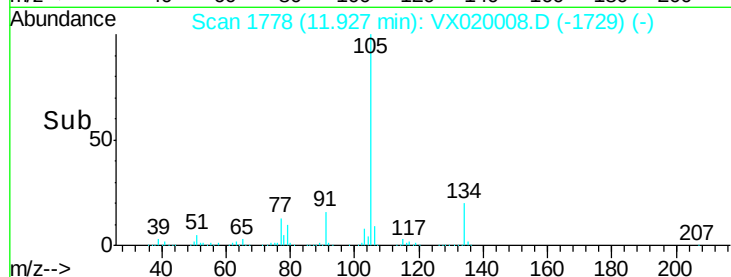
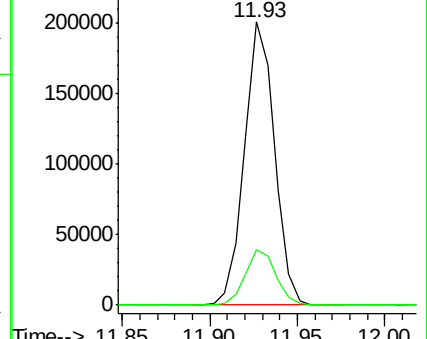
105 100

134 19.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.608 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX020008.D

Acq: 15 Dec 2020 13:52

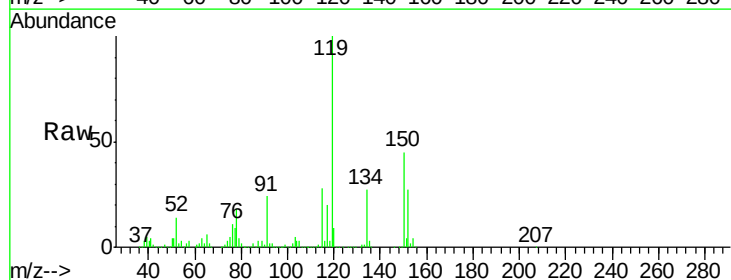
Tgt Ion:119 Resp: 223241

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

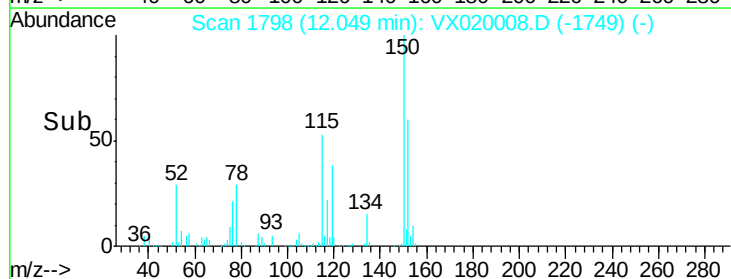
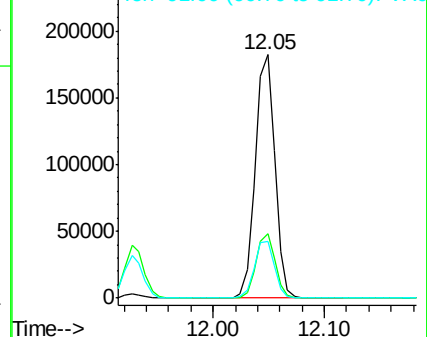
91 23.9 11.7 35.0

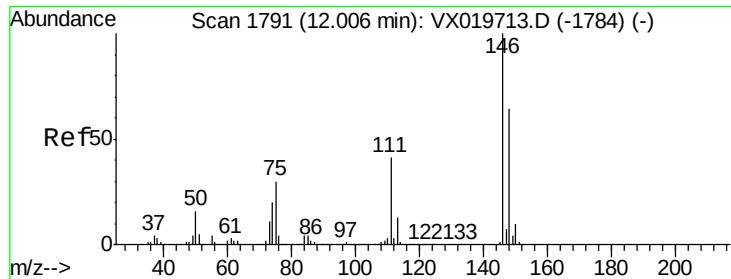


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

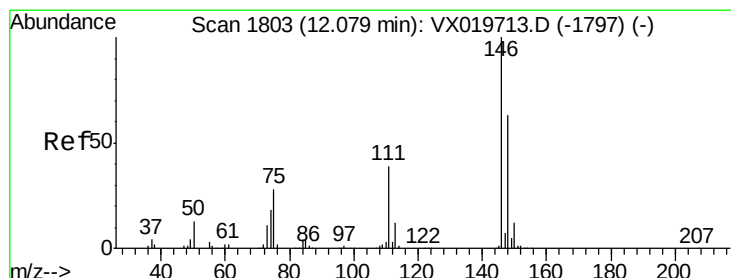
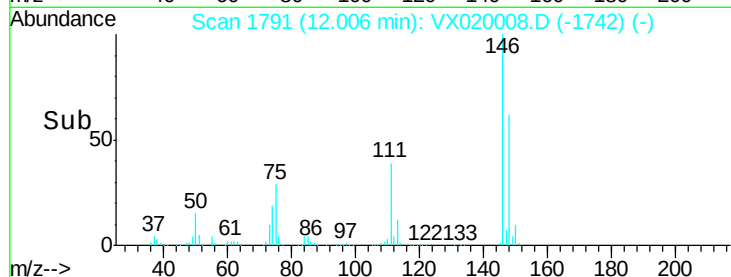
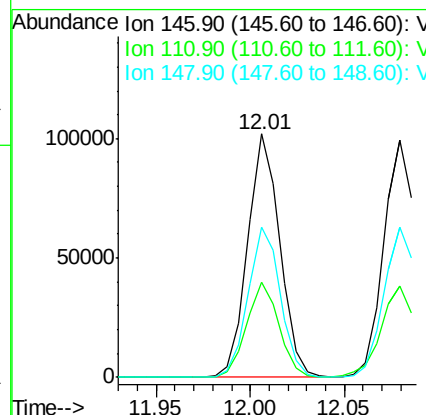
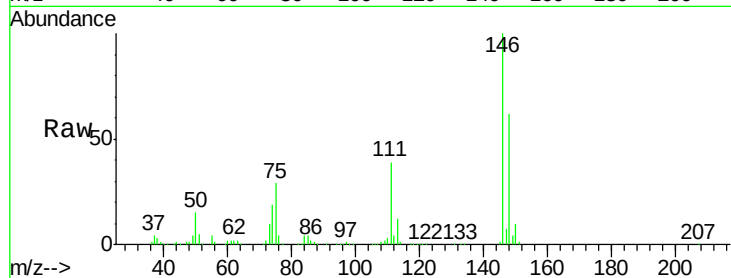




#87
 1,3-Dichlorobenzene
 Concen: 19.552 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

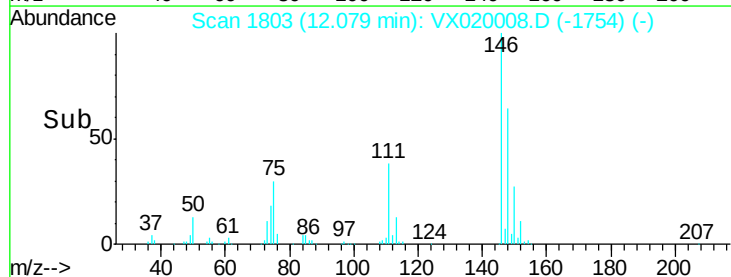
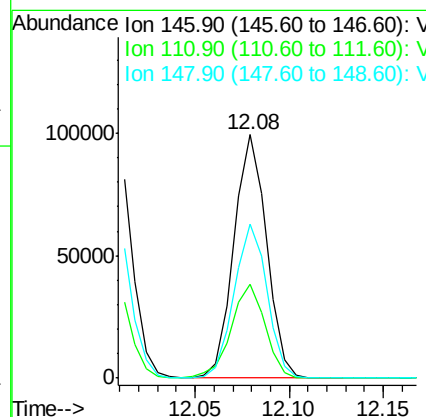
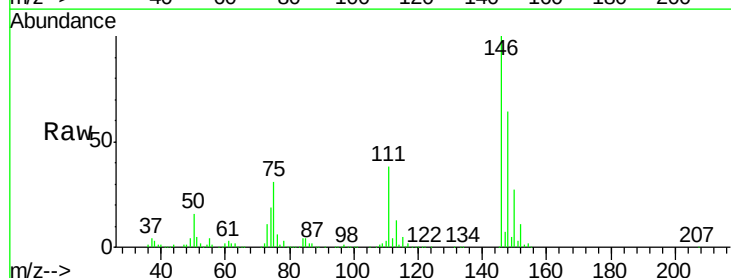
Instrument :
 MSVOA_X
 ClientSampled :
 VX1215WBSD01

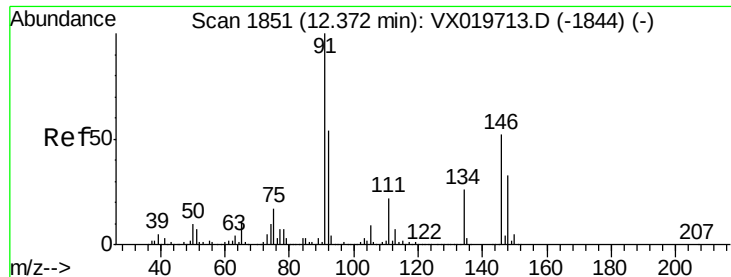
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	62.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.990 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	64.4	31.6	95.0

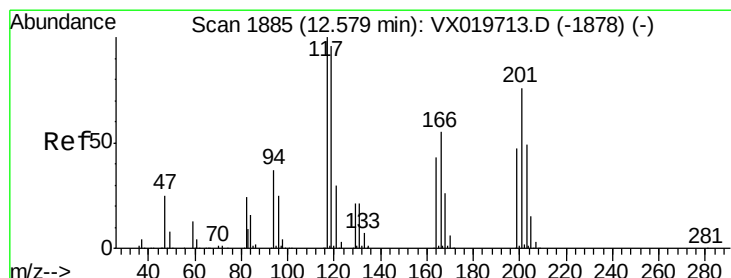
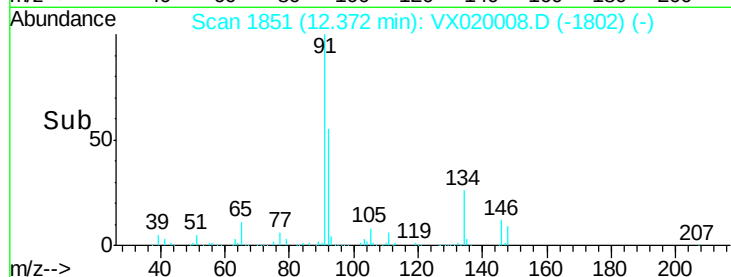
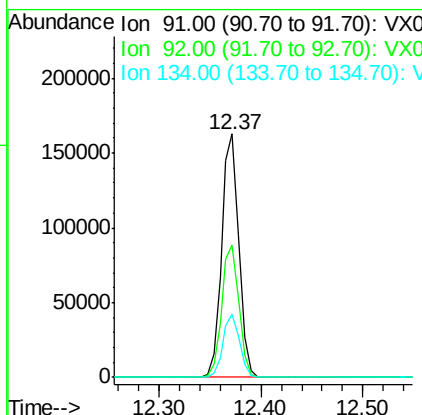
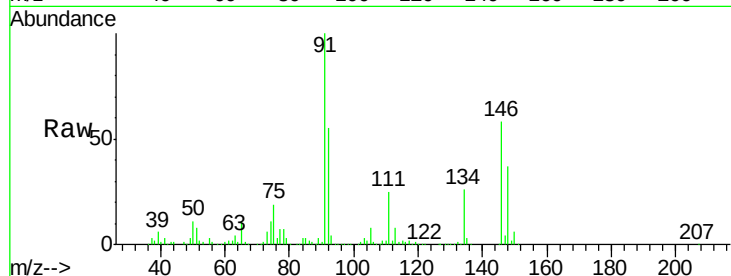




#89
n-Butylbenzene
Concen: 18.883 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

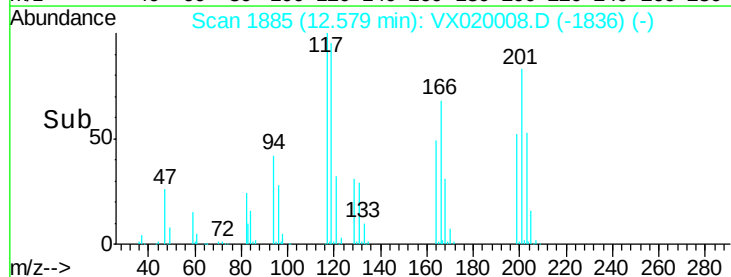
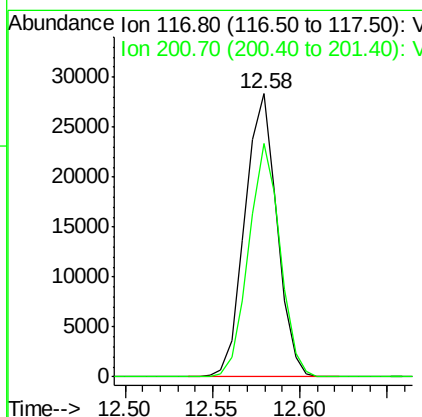
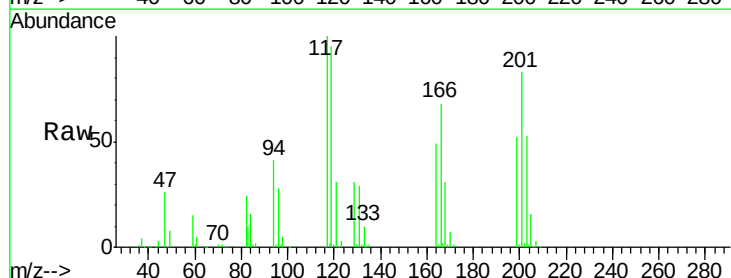
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

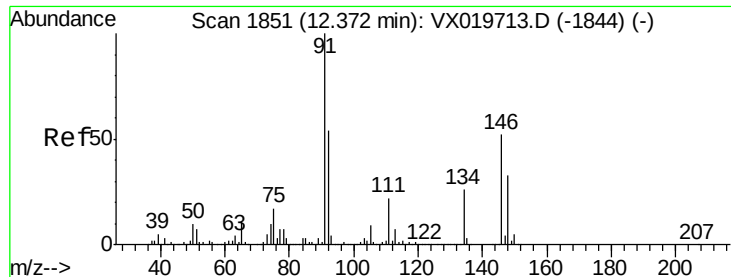
Tgt Ion: 91 Resp: 190468
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 25.4 13.2 39.5



#90
Hexachloroethane
Concen: 18.407 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion: 117 Resp: 36180
Ion Ratio Lower Upper
117 100
201 80.7 40.4 121.2

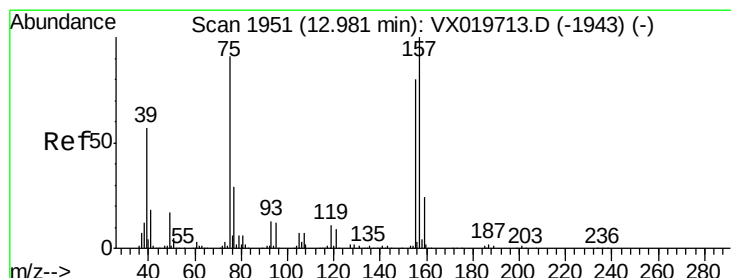
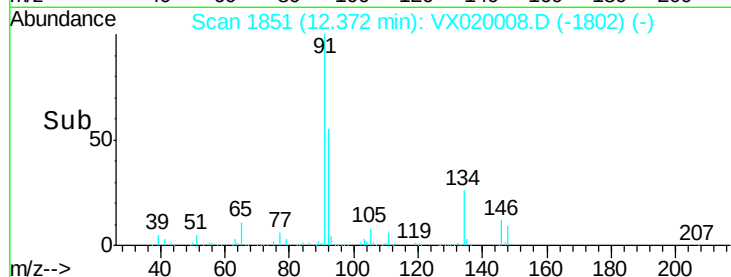
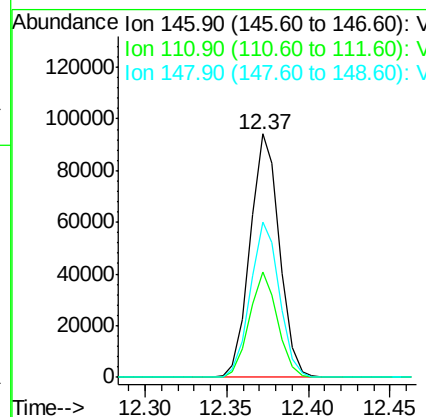
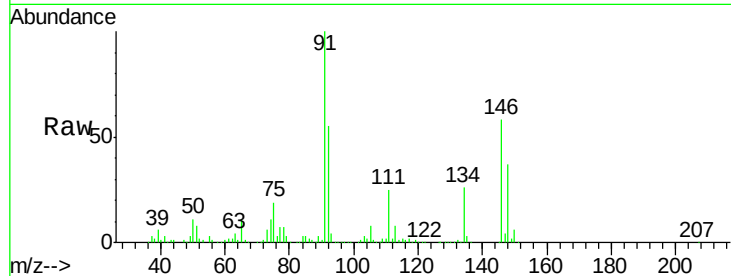




#91
 1,2-Dichlorobenzene
 Concen: 19.638 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

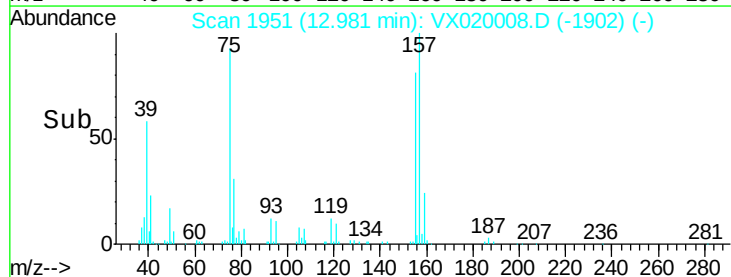
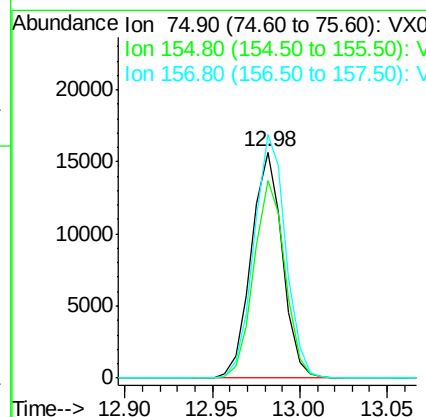
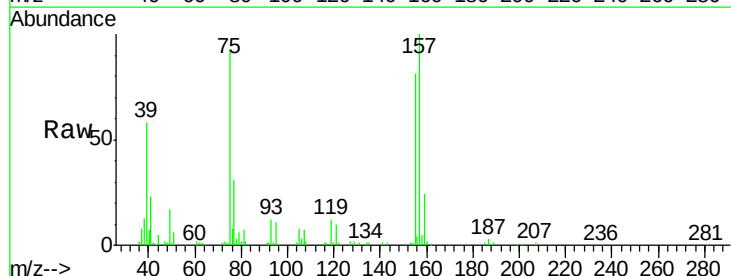
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

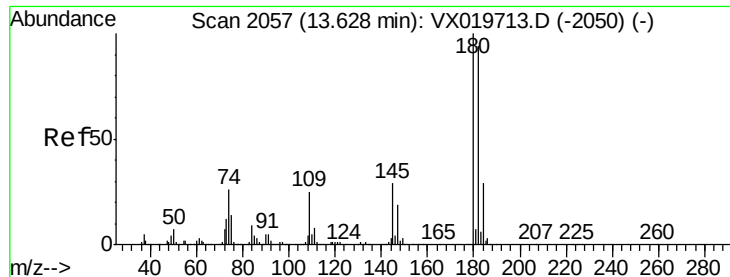
Tgt Ion:146 Resp: 118193
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 63.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.473 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion: 75 Resp: 19401
 Ion Ratio Lower Upper
 75 100
 155 87.3 45.3 135.9
 157 109.9 57.7 173.1

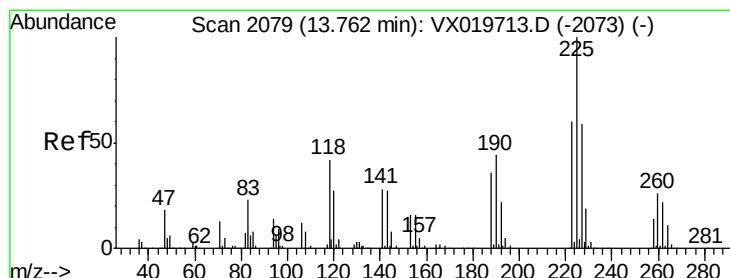
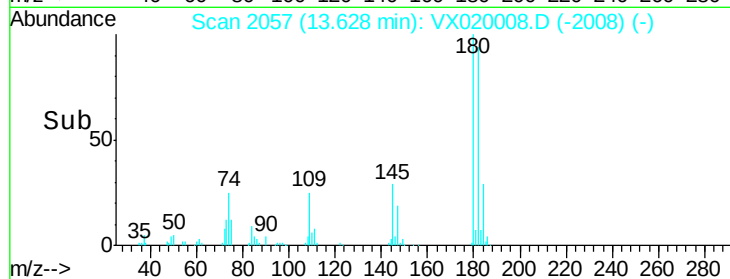
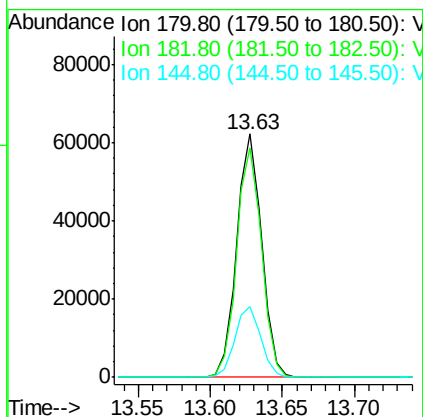
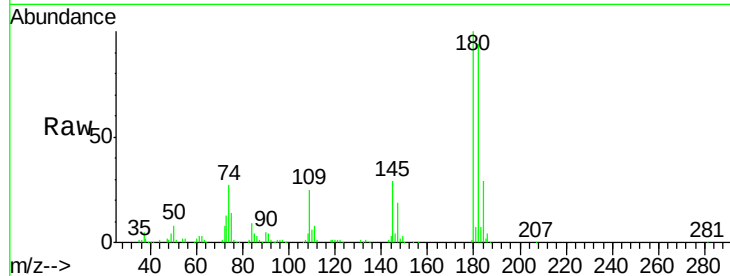




#93
 1,2,4-Trichlorobenzene
 Concen: 19.220 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

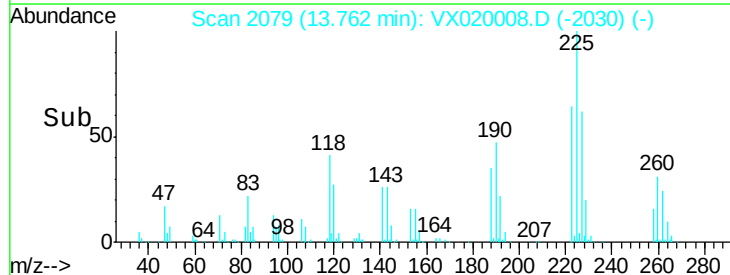
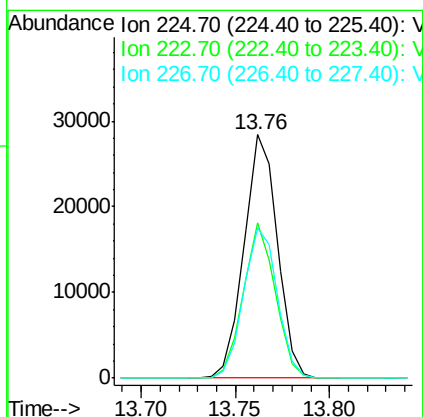
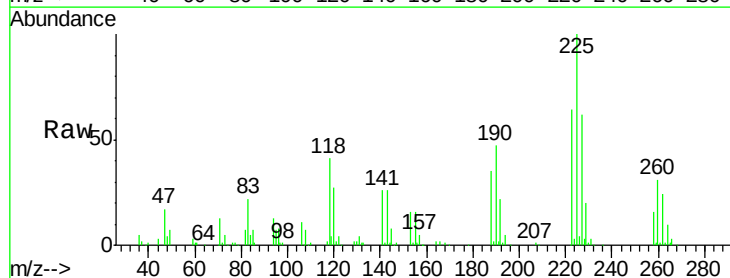
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBSD01

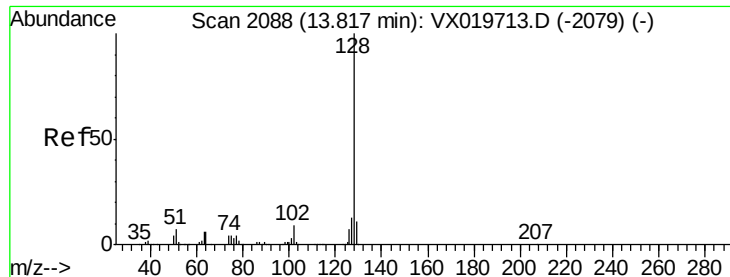
Tgt Ion:180 Resp: 75303
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.7 143.1
 145 30.3 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.875 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX020008.D
 Acq: 15 Dec 2020 13:52

Tgt Ion:225 Resp: 34804
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.2
 227 62.7 31.6 95.0

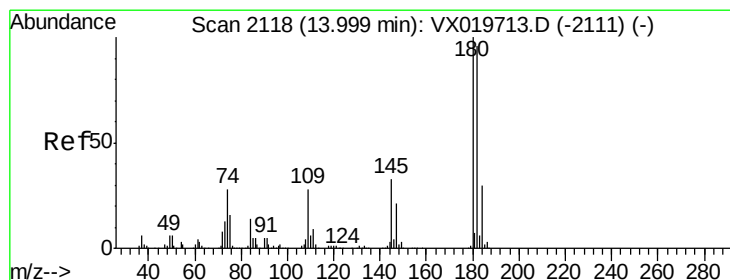
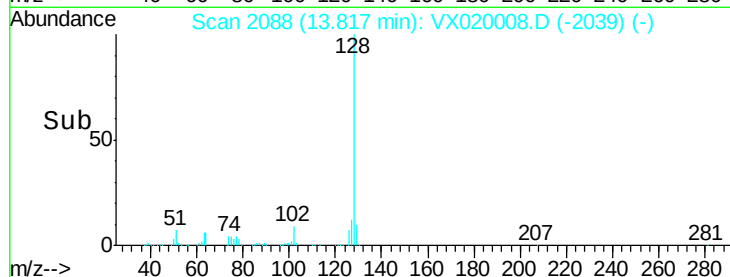
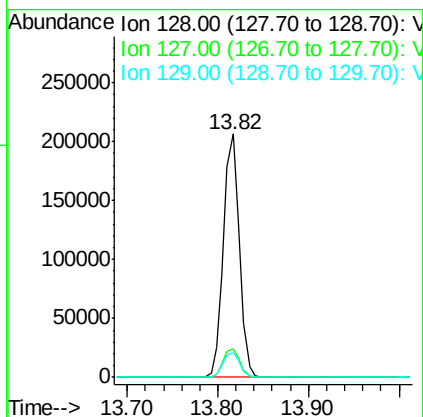
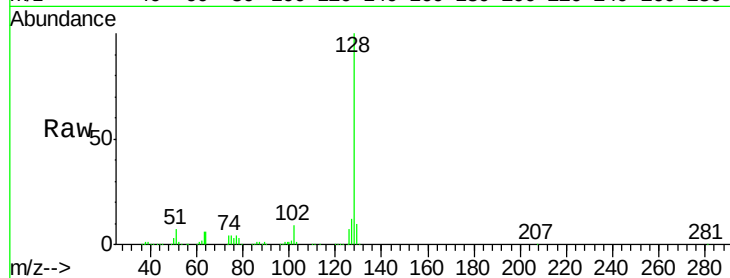




#95
Naphthalene
Concen: 19.893 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBSD01

Tgt Ion:128 Resp: 252682
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.661 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX020008.D
Acq: 15 Dec 2020 13:52

Tgt Ion:180 Resp: 75282
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.9
145 32.9 16.1 48.3

