

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017463.D
 Acq On : 21 Jul 2020 18:22
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB62

Quant Time: Jul 22 06:23:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 06:14:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	373153	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	365088	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	188472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127845	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.69	69	91715	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.34	63	261321	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.53	46	265878	49.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	5.15	84	238913	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	6.04	65	121402	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	6.05	84	448509	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	7.37	67	132049	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	8.70	98	437014	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
45) trans-1,3-Dichloropropene-	8.99	79	59030	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
48) 2-Hexanone-d5	9.43	63	209027	51.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.02%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	99437	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	156578	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	228697	5.575	ug/L 100
3) Chloromethane	1.31	50	182206	4.775	ug/L 98
5) Vinyl chloride	1.39	62	173724	4.773	ug/L 100
6) Bromomethane	1.63	94	100794	5.099	ug/L 94
8) Chloroethane	1.71	64	94581	4.735	ug/L 97
9) Trichlorofluoromethane	1.92	101	270836	5.181	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	145408	5.126	ug/L 98
12) 1,1-Dichloroethene	2.36	96	130429	4.940	ug/L 94
13) Acetone	2.42	43	200725	45.882	ug/L 99
14) Carbon disulfide	2.55	76	434003	4.845	ug/L 99
15) Methyl Acetate	2.75	43	53258	4.182	ug/L 95
16) Methylene chloride	2.84	84	141602	3.903	ug/L 95
17) Methyl tert-butyl Ether	3.17	73	307319	4.887	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	138865	4.940	ug/L 96
19) 1,1-Dichloroethane	3.67	63	258518	5.223	ug/L 97
21) 2-Butanone	4.64	43	339332	48.692	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	145864	5.251	ug/L # 93

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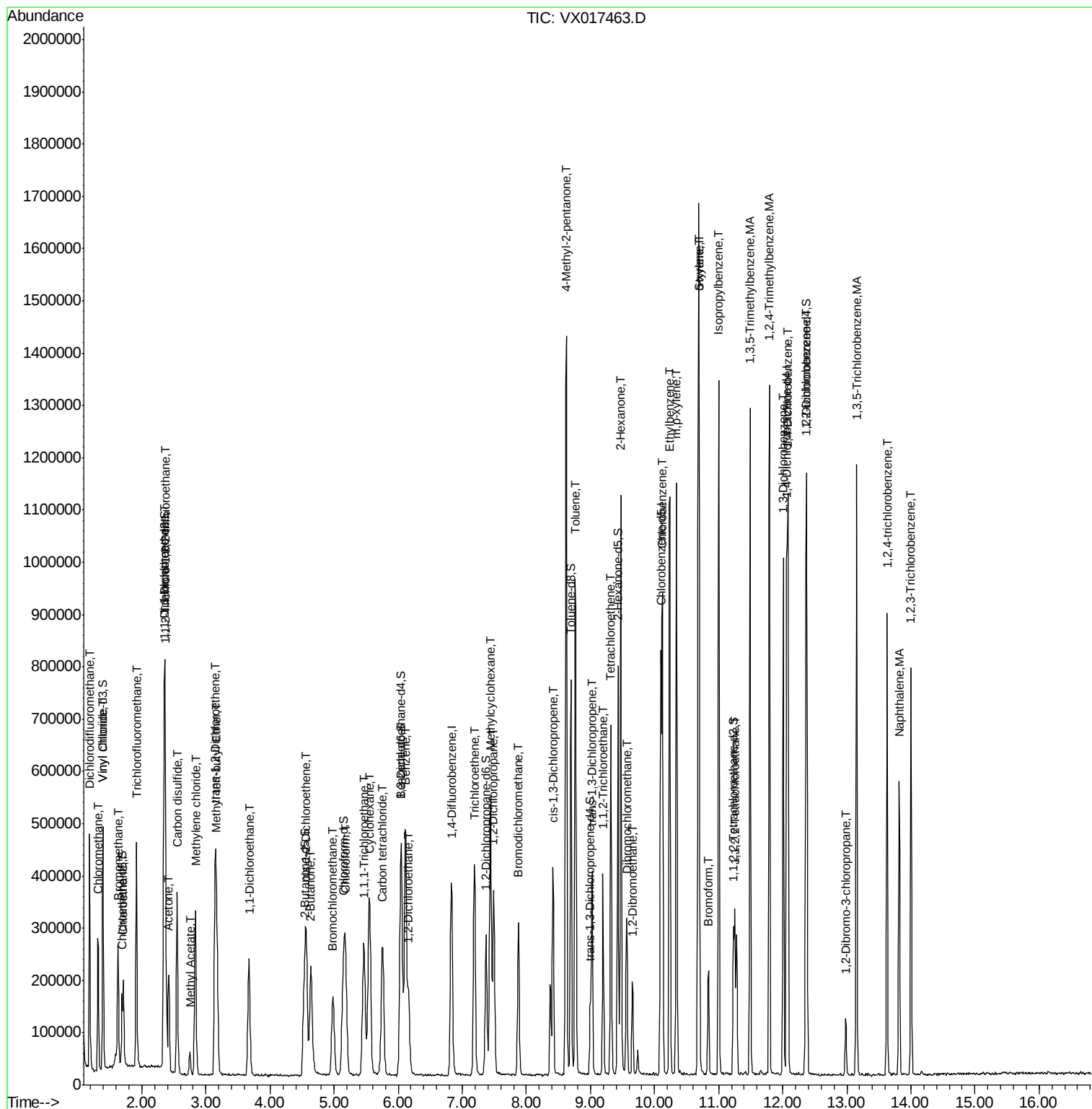
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	67757	5.059	ug/L	90
25) Chloroform	5.18	83	273216	5.256	ug/L	99
27) 1,2-Dichloroethane	6.16	62	169932	5.082	ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	254632	5.192	ug/L	98
30) Cyclohexane	5.54	56	223867	5.648	ug/L	98
31) Carbon tetrachloride	5.75	117	234720	5.312	ug/L	97
33) Benzene	6.12	78	561404	5.222	ug/L	100
34) Trichloroethene	7.19	95	156068	5.380	ug/L	98
35) Methylcyclohexane	7.44	83	226394	5.768	ug/L	98
37) 1,2-Dichloropropane	7.49	63	140490	5.197	ug/L	100
38) Bromodichloromethane	7.87	83	191864	5.299	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	203236	5.205	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	829420	52.468	ug/L #	96
42) Toluene	8.76	91	612747	5.684	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	549289	5.469	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	555610	5.587	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	183103	5.445	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	99893	5.401	ug/L	91
49) Tetrachloroethene	9.32	164	126209	5.355	ug/L	94
50) 2-Hexanone	9.47	43	594666	51.535	ug/L #	88
51) Dibromochloromethane	9.57	129	130653	5.138	ug/L	96
52) 1,2-Dibromoethane	9.65	107	96658	5.273	ug/L	96
53) Chlorobenzene	10.12	112	392270	5.347	ug/L	100
54) Ethylbenzene	10.24	91	640151	5.475	ug/L	100
55) m,p-xylene	10.34	106	257918	5.525	ug/L	97
56) o-xylene	10.68	106	249751	5.516	ug/L	97
57) Styrene	10.70	104	418209	5.545	ug/L	97
58) Isopropylbenzene	11.00	105	664218	5.676	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	112715	5.121	ug/L	98
62) Bromoform	10.84	173	78794	5.219	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	329188	5.426	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	324919	5.440	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	295900	5.266	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	21528	4.352	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	280736	5.493	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	199334	5.338	ug/L	99
70) Naphthalene	13.82	128	338572	5.167	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	181829	5.267	ug/L	98

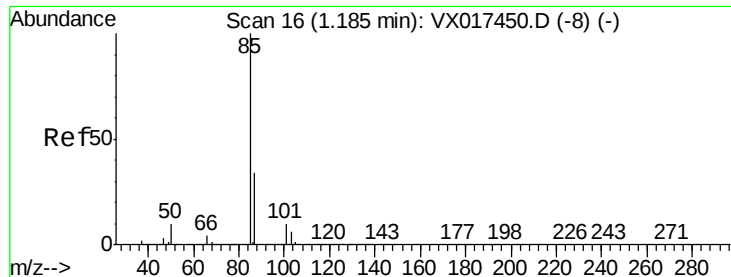
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.575 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

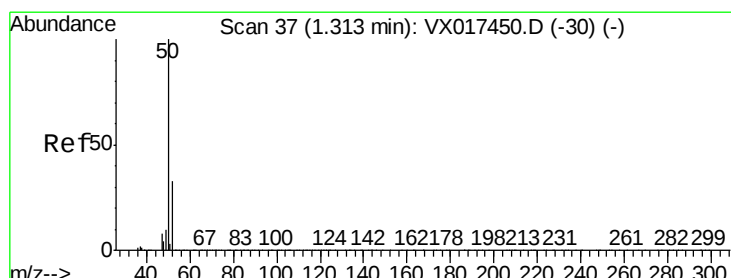
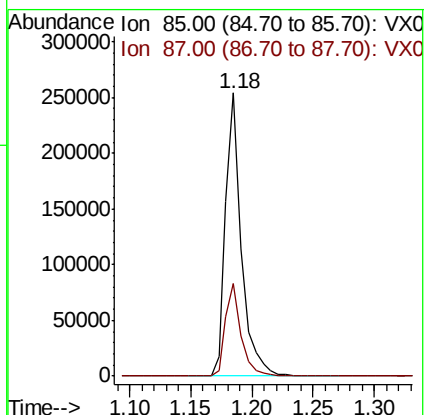
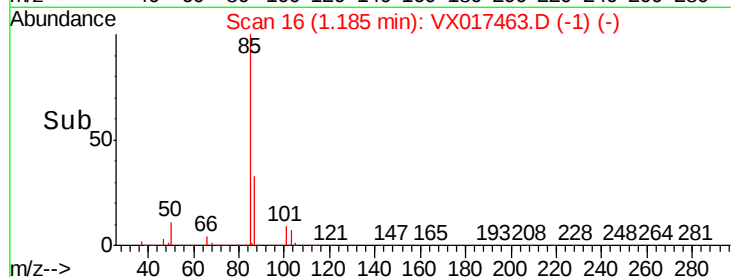
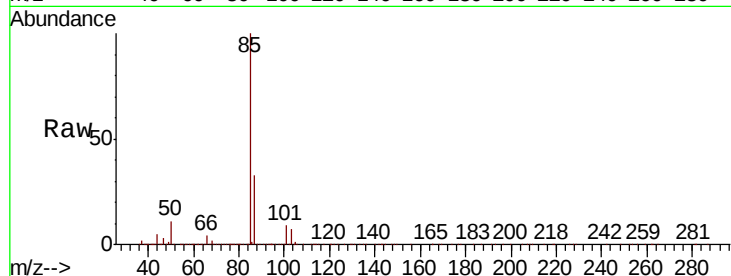
BFB62

Tot Ion: 85 Resp: 228697

Ion Ratio Lower Upper

85 100

87 32.6 26.1 39.1



#3

Chloromethane

Concen: 4.775 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017463.D

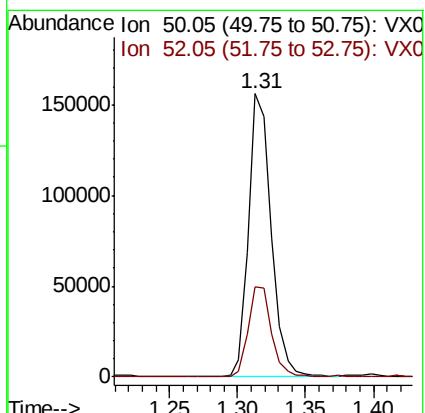
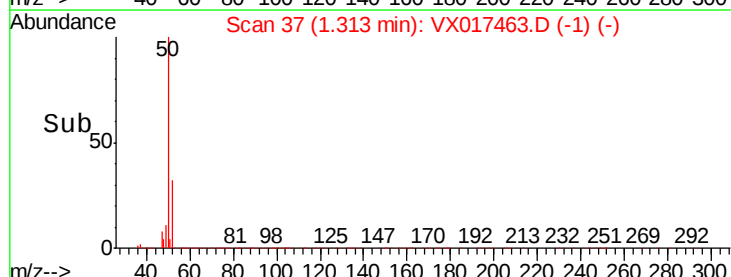
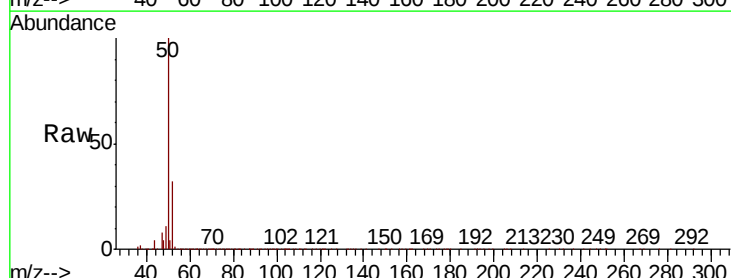
Acq: 21 Jul 2020 18:22

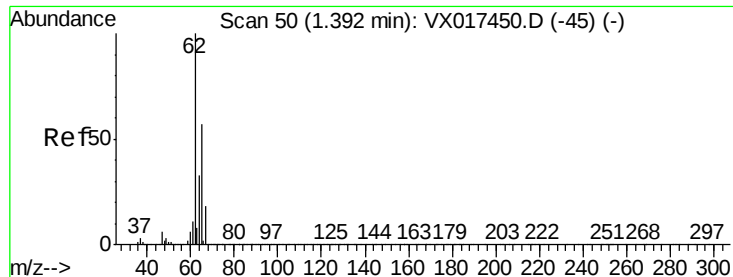
Tgt Ion: 50 Resp: 182206

Ion Ratio Lower Upper

50 100

52 31.9 23.2 43.2





#5

Vinyl chloride

Concen: 4.773 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

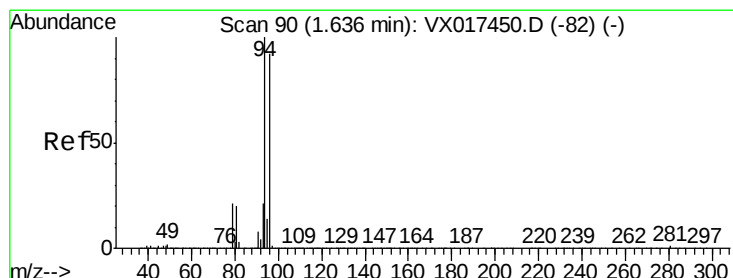
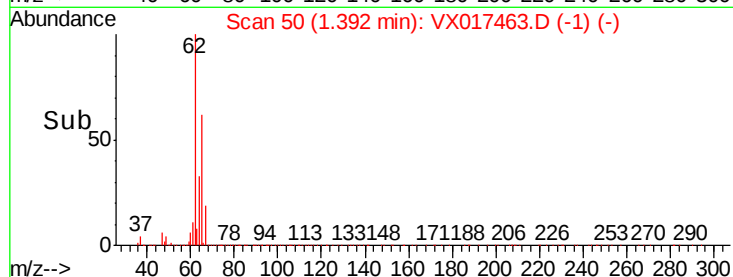
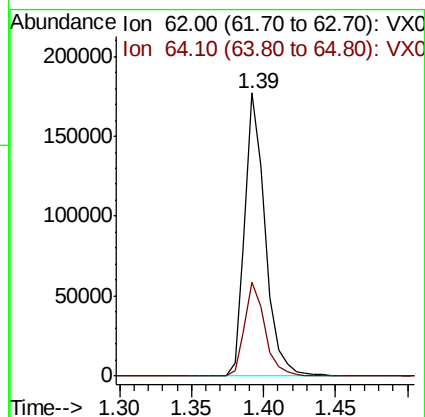
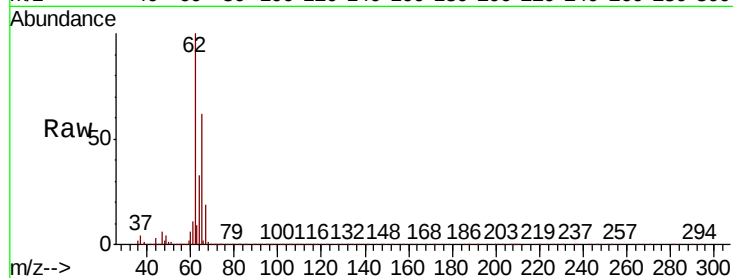
BFB62

Tot Ion: 62 Resp: 173724

Ion Ratio Lower Upper

62 100

64 33.4 23.2 43.2



#6

Bromomethane

Concen: 5.099 ug/L

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017463.D

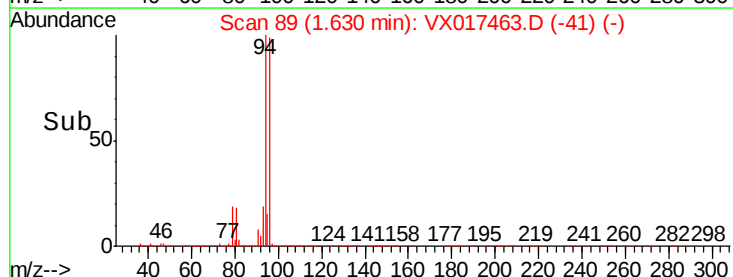
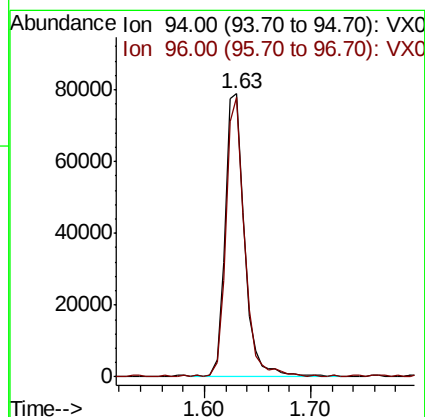
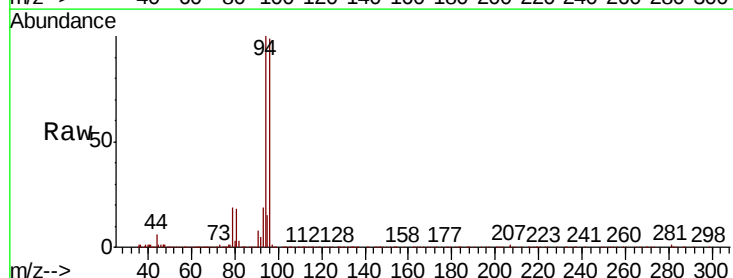
Acq: 21 Jul 2020 18:22

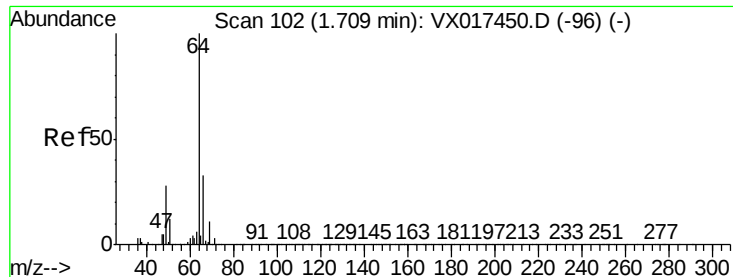
Tgt Ion: 94 Resp: 100794

Ion Ratio Lower Upper

94 100

96 98.6 64.8 120.4

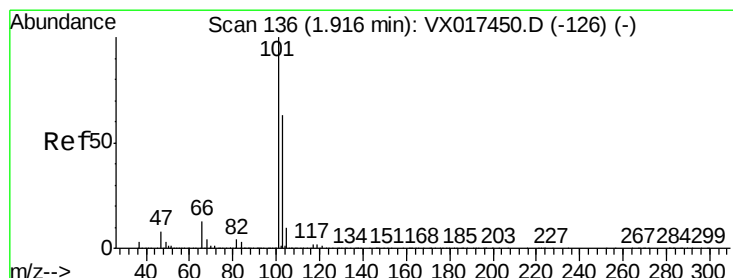
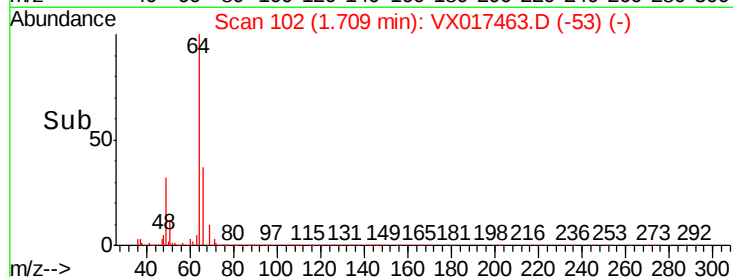
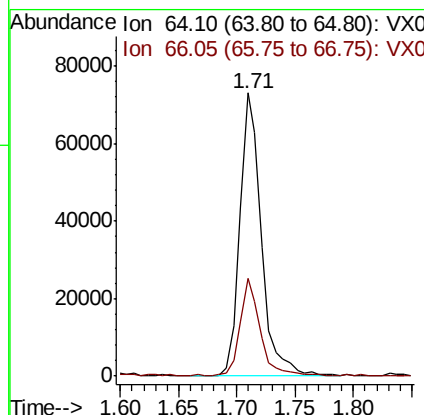
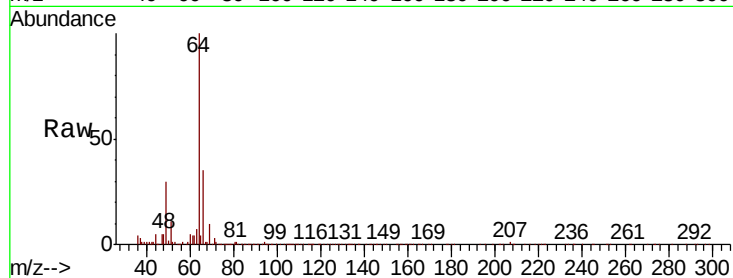




#8
Chloroethane
Concen: 4.735 ug/L
RT: 1.71 min Scan# 102
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

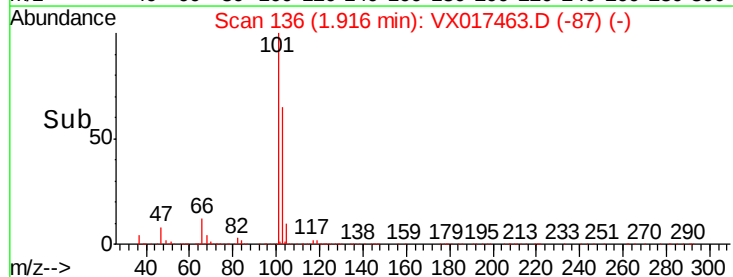
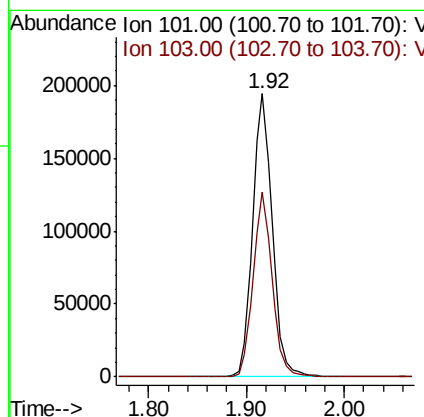
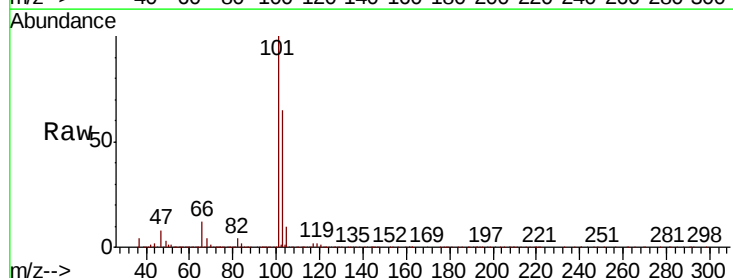
Instrument :
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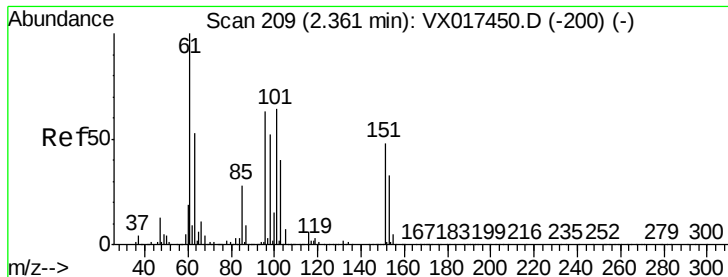
Tot Ion: 64 Resp: 94581
Ion Ratio Lower Upper
64 100
66 34.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.181 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion: 101 Resp: 270836
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.126 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

BFB62

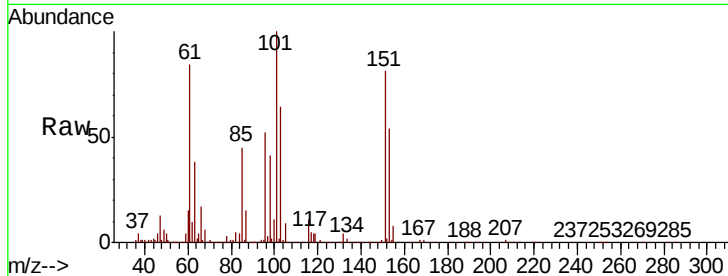
Tot Ion:101 Resp: 145408

Ion Ratio Lower Upper

101 100

85 44.4 35.3 52.9

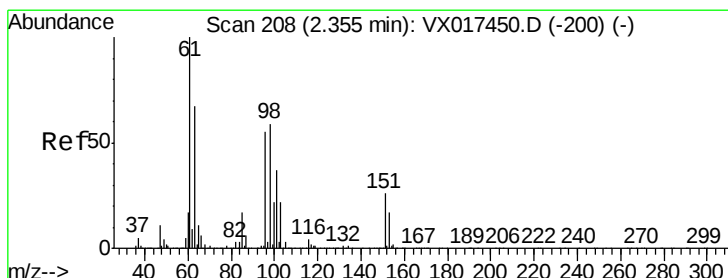
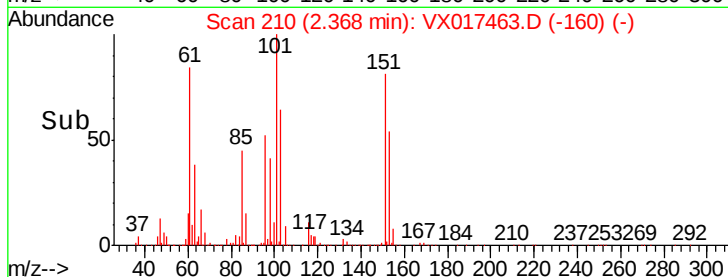
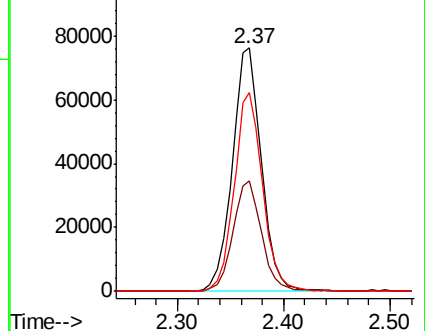
151 80.1 62.3 93.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.940 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

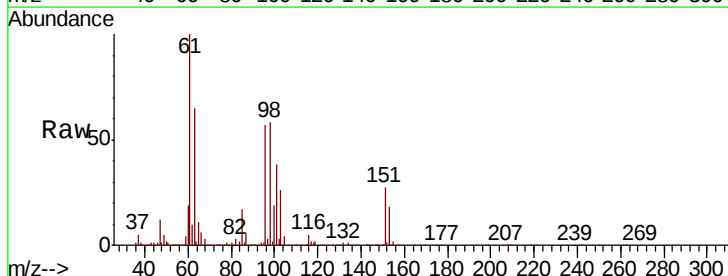
Tgt Ion: 96 Resp: 130429

Ion Ratio Lower Upper

96 100

61 173.9 126.5 234.9

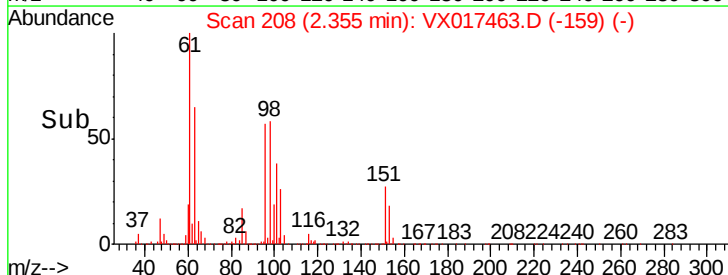
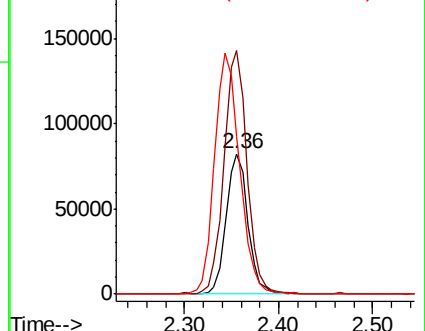
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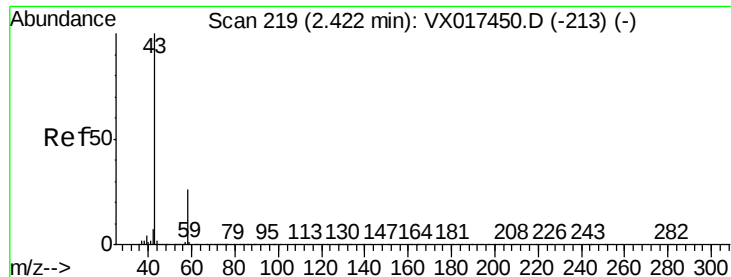


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 45.882 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

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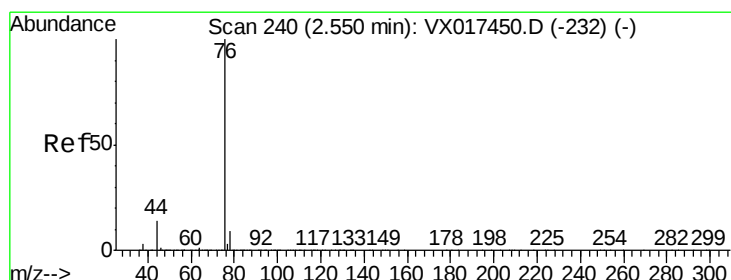
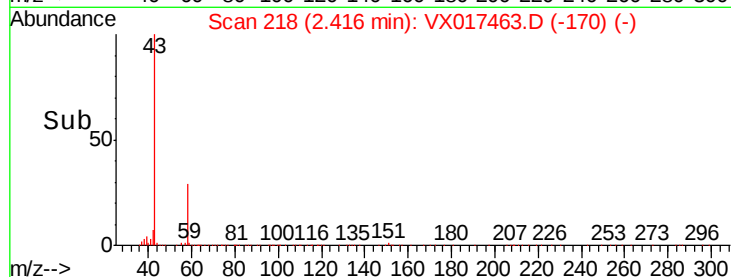
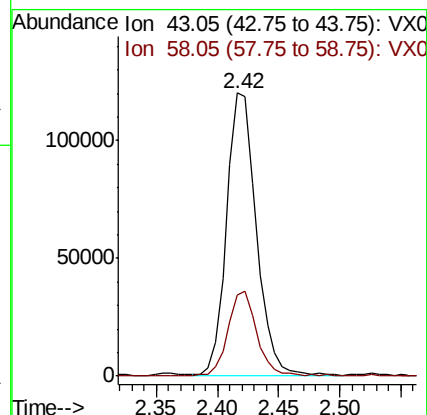
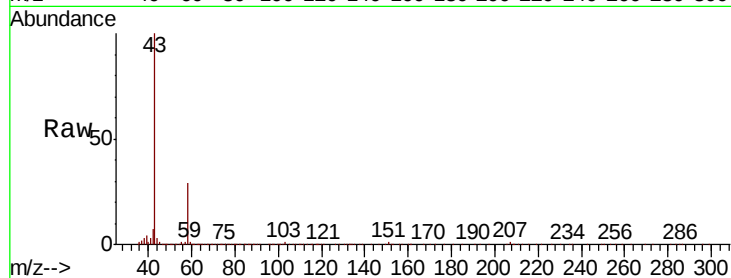
BFB62

Tot Ion: 43 Resp: 200725

Ion Ratio Lower Upper

43 100

58 28.5 0.0 58.6



#14

Carbon disulfide

Concen: 4.845 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017463.D

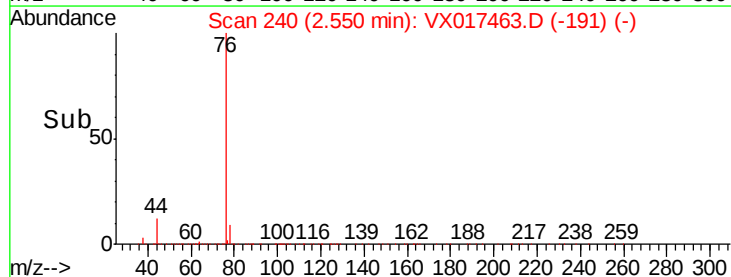
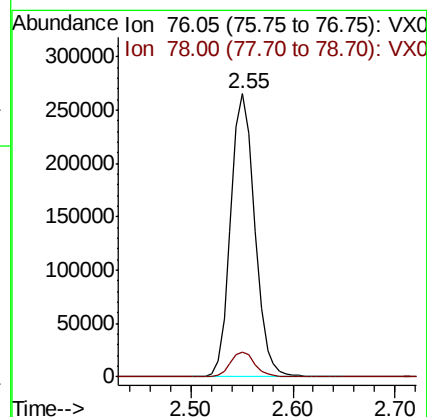
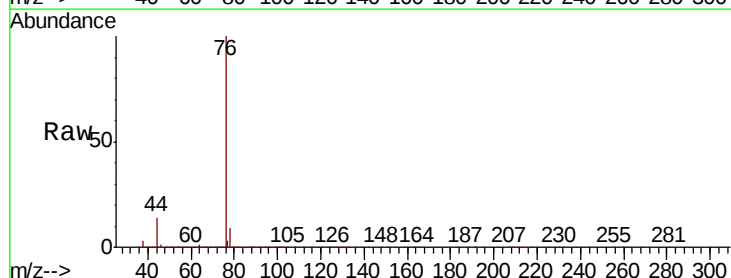
Acq: 21 Jul 2020 18:22

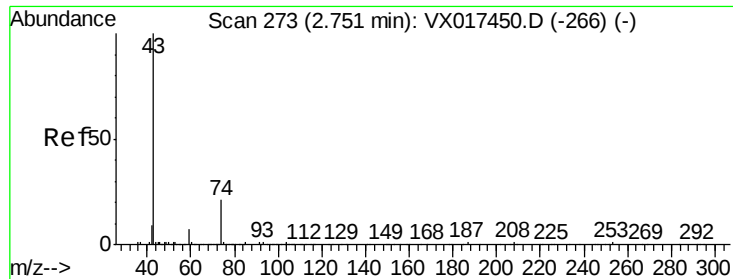
Tgt Ion: 76 Resp: 434003

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

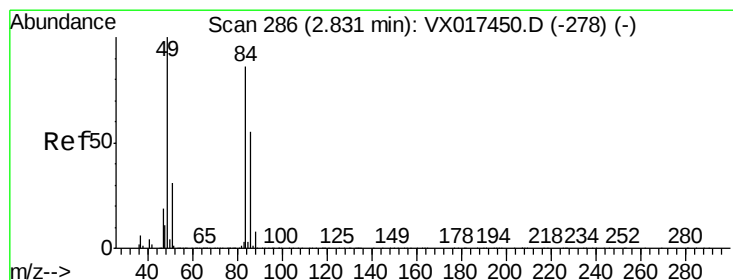
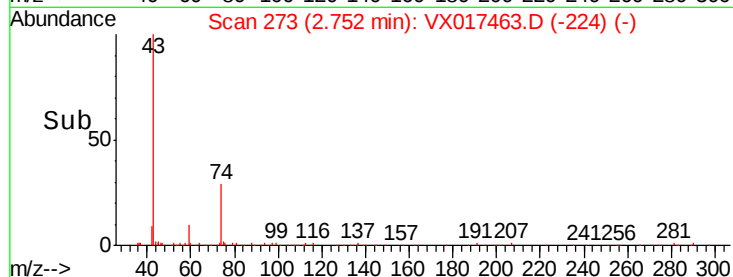
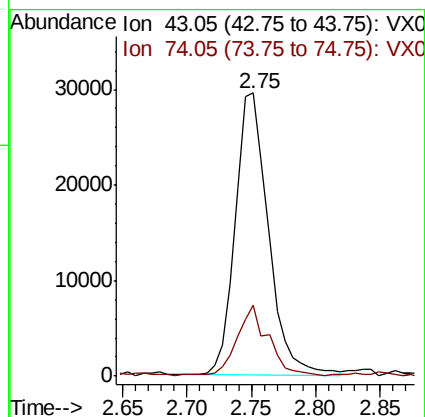
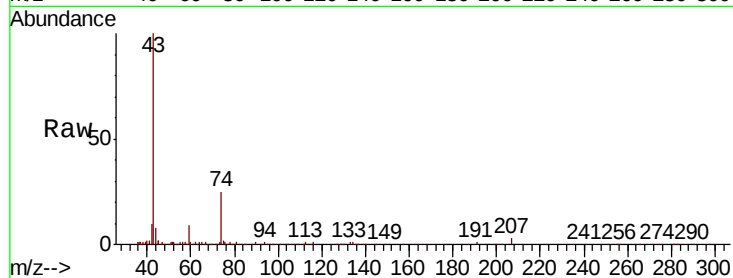




#15
Methyl Acetate
Concen: 4.182 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

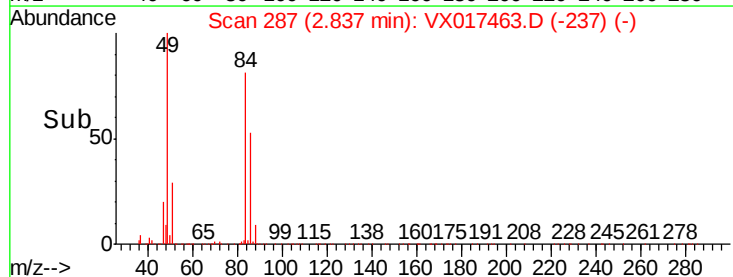
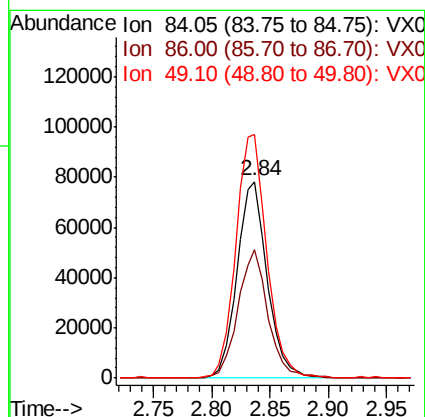
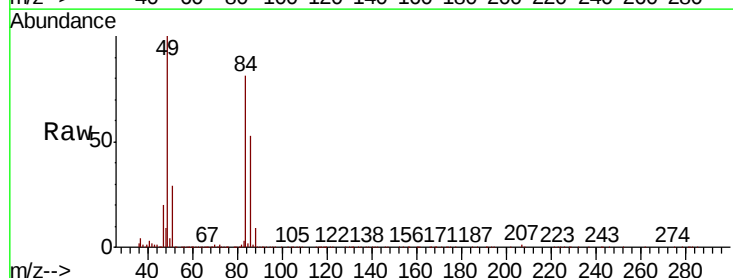
Instrument :
MSVOA_X
ClientSampleId :
BFB62

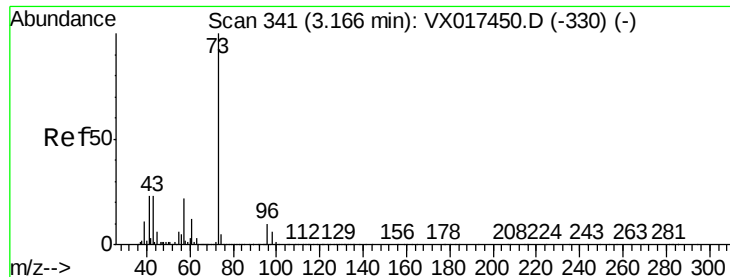
Tot Ion: 43 Resp: 53258
Ion Ratio Lower Upper
43 100
74 24.2 17.6 26.4



#16
Methylene chloride
Concen: 3.903 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion: 84 Resp: 141602
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 123.8 81.0 150.4

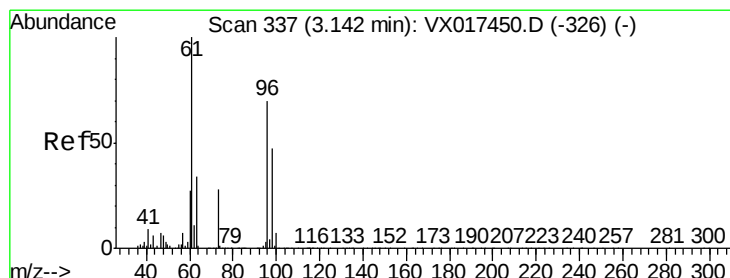
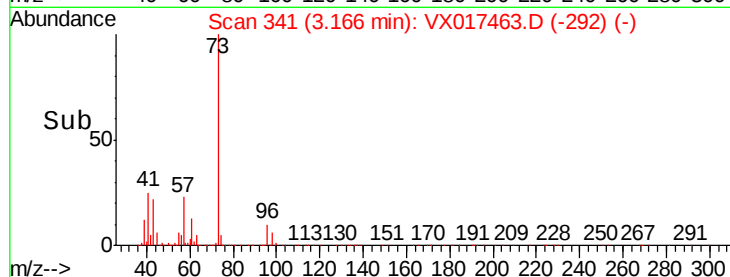
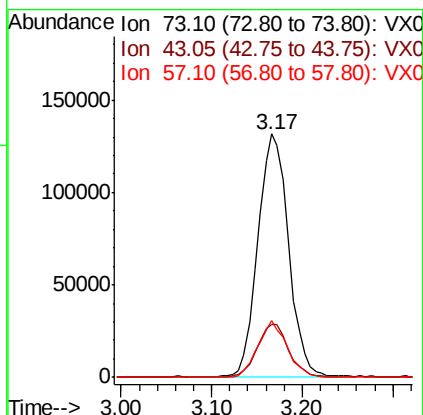
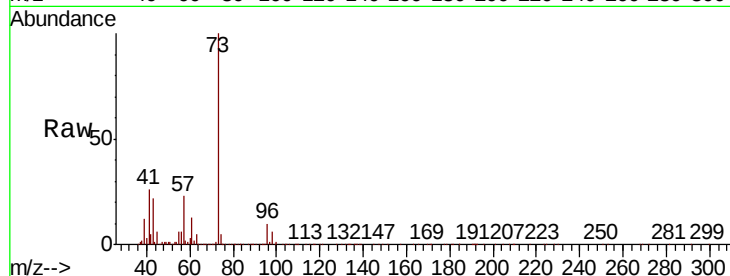




#17
Methvl tert-butvl Ether
Concen: 4.887 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

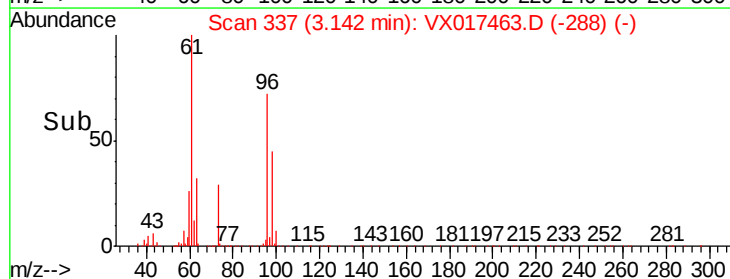
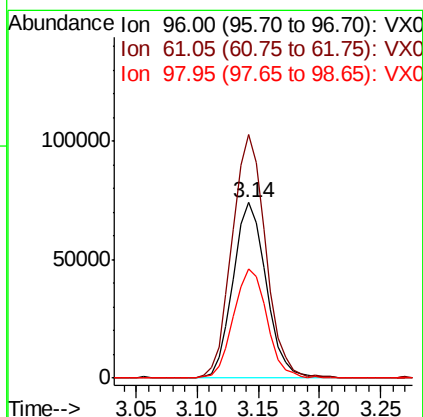
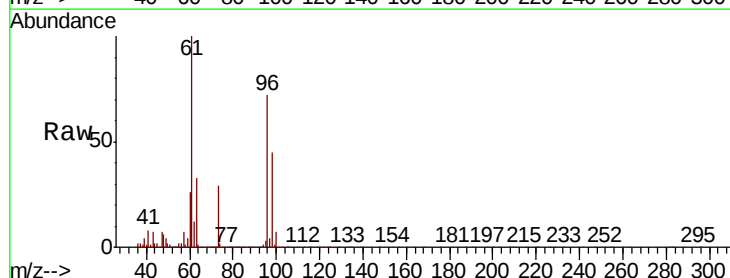
Instrument :
MSVOA_X
ClientSampleId :
BFB62

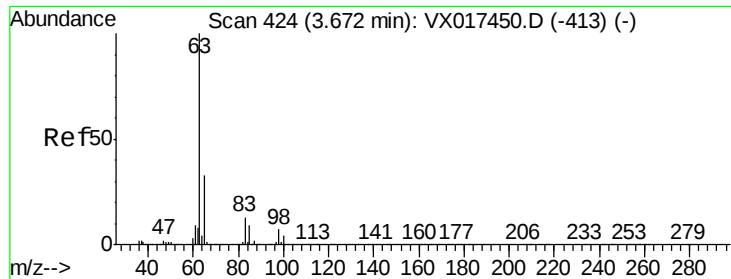
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.8	26.6
57	21.9	17.8	26.8



#18
trans-1,2-Dichloroethene
Concen: 4.940 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	99.8	185.4
98	62.5	46.4	86.2

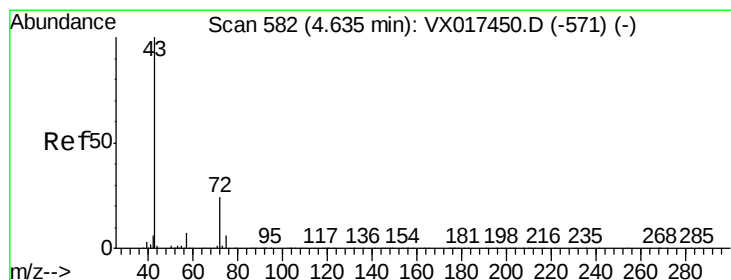
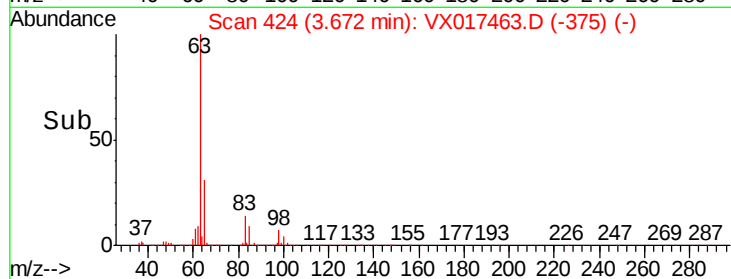
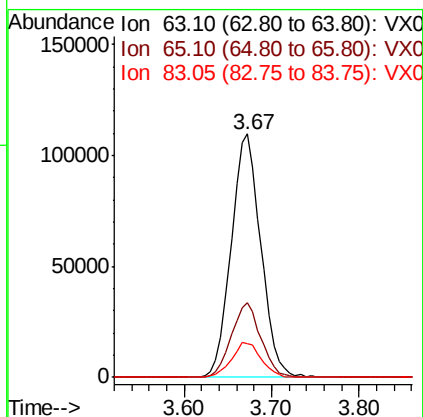
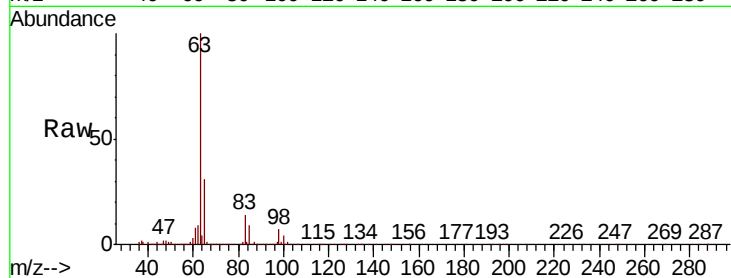




#19
 1,1-Dichloroethane
 Concen: 5.223 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

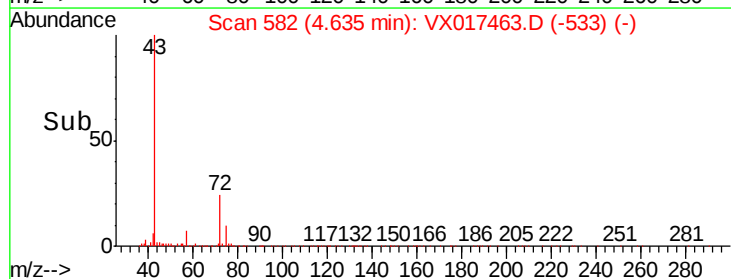
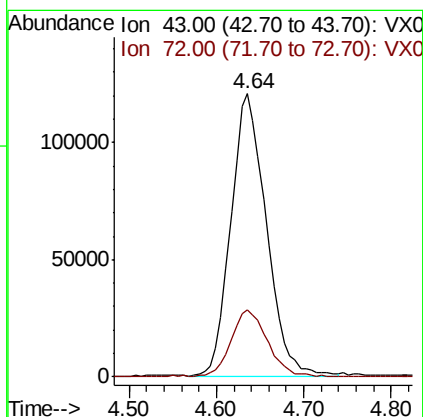
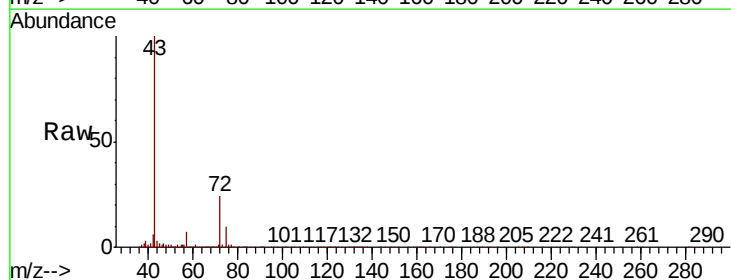
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB62

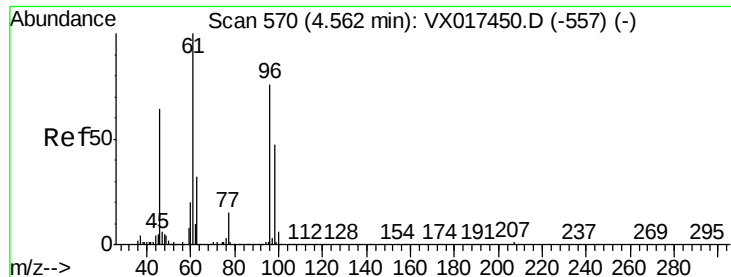
Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.2	43.2
83	13.7	9.4	17.4



#21
 2-Butanone
 Concen: 48.692 ug/L
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.1	12.1	36.3



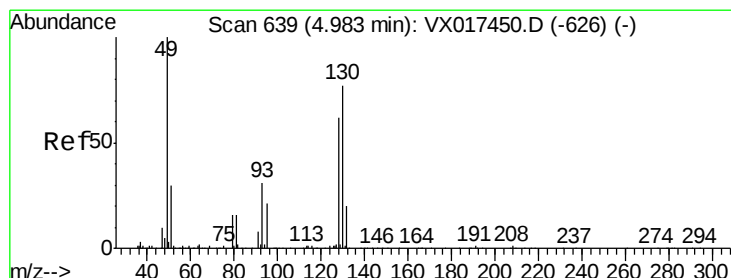
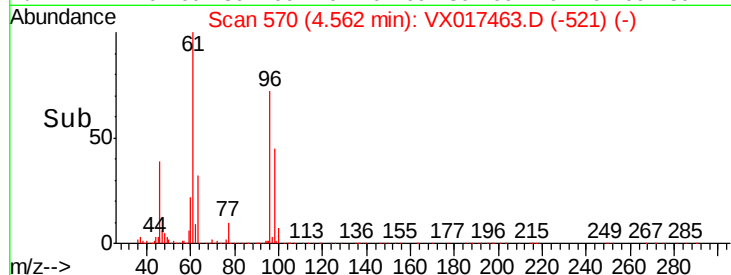
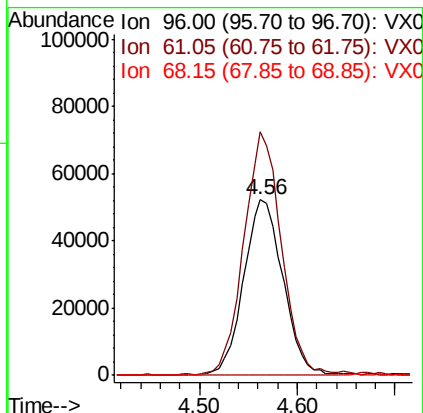
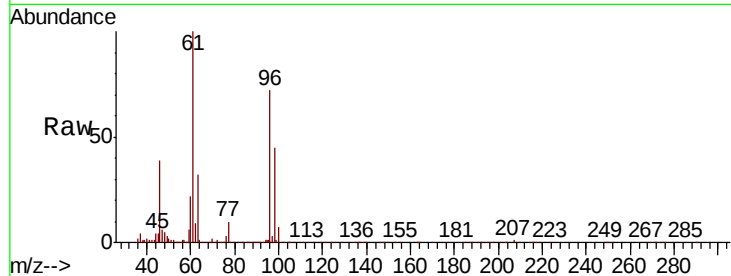


#22

cis-1,2-Dichloroethene
 Concen: 5.251 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB62

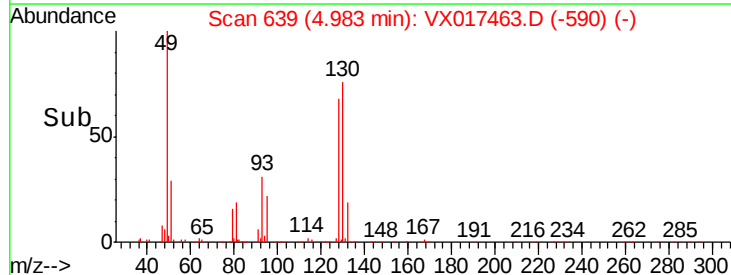
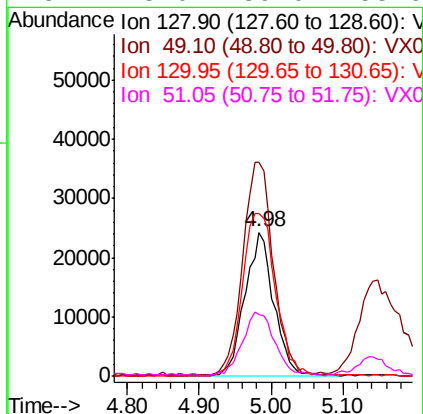
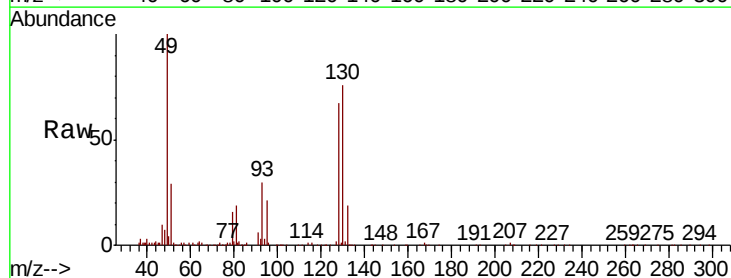
Tot Ion: 96 Resp: 145864
 Ion Ratio Lower Upper
 96 100
 61 139.0 91.6 170.2
 68 0.5 0.0 0.0#

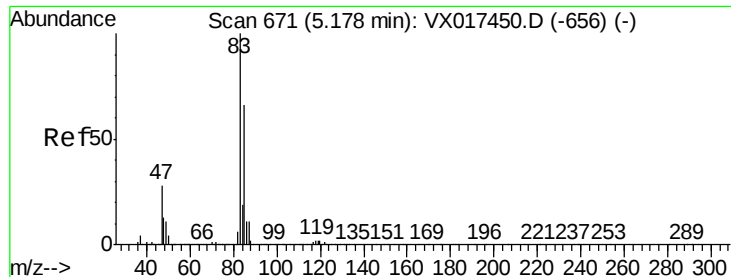


#23

Bromochloromethane
 Concen: 5.059 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Tgt Ion: 128 Resp: 67757
 Ion Ratio Lower Upper
 128 100
 49 148.7 113.3 210.3
 130 112.8 87.3 162.1
 51 43.0 39.0 58.6





#25

Chloroform

Concen: 5.256 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

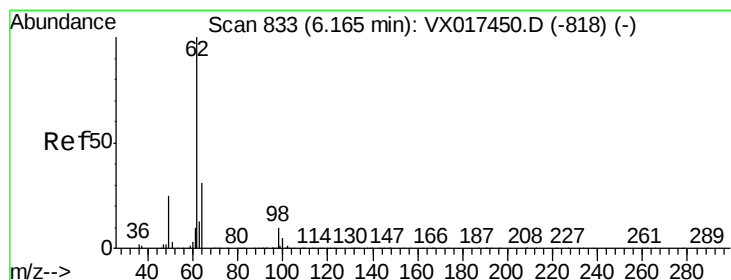
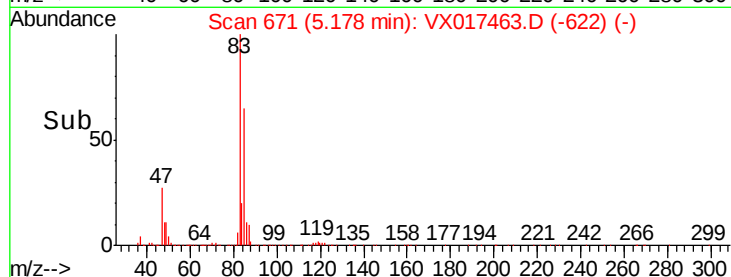
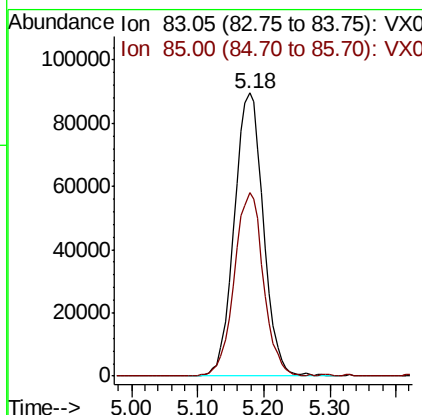
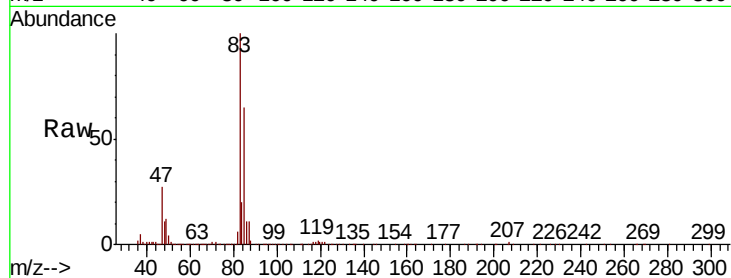
BFB62

Tot Ion: 83 Resp: 273216

Ion Ratio Lower Upper

83 100

85 65.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.082 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017463.D

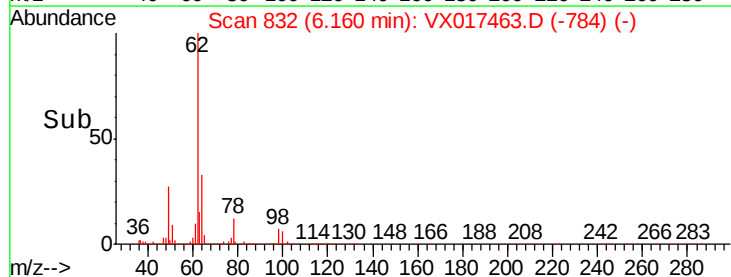
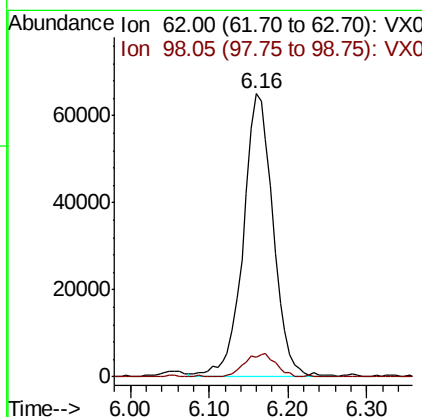
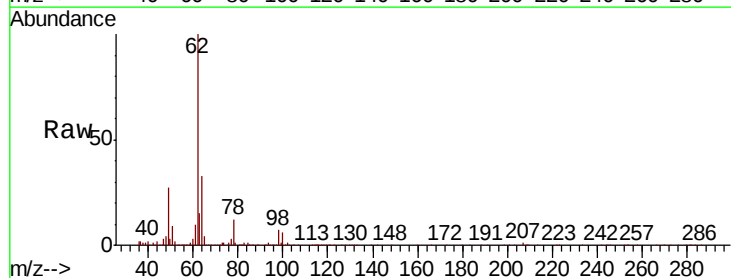
Acq: 21 Jul 2020 18:22

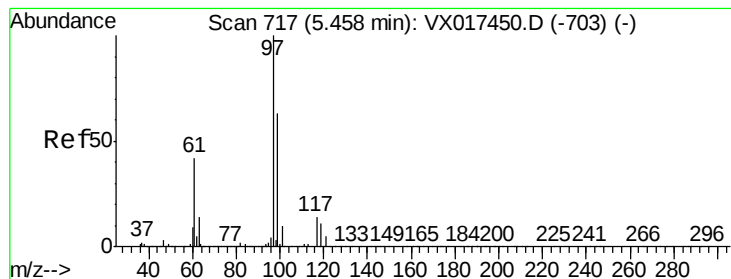
Tgt Ion: 62 Resp: 169932

Ion Ratio Lower Upper

62 100

98 7.0 7.7 11.5#





#29

1,1,1-Trichloroethane

Concen: 5.192 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampled :

BFB62

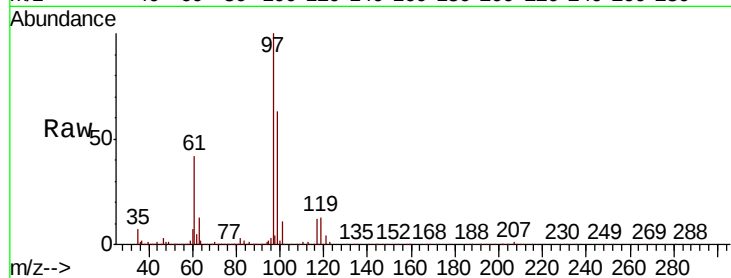
Tot Ion: 97 Resp: 254632

Ion Ratio Lower Upper

97 100

99 64.2 53.0 79.4

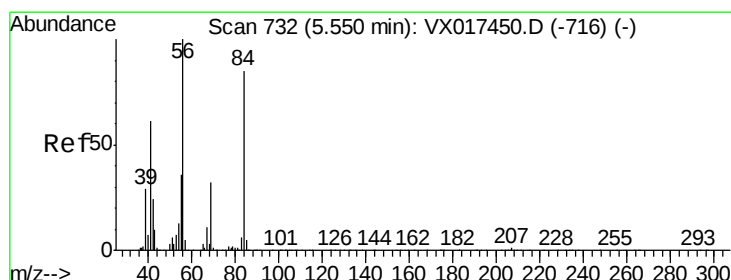
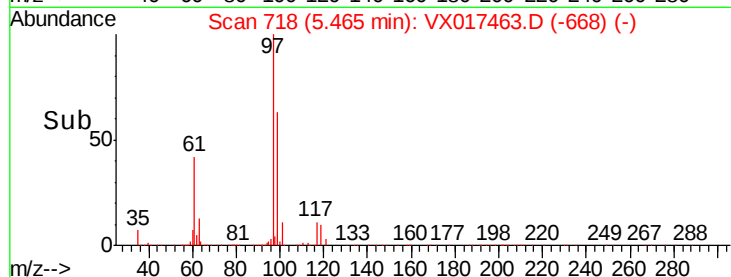
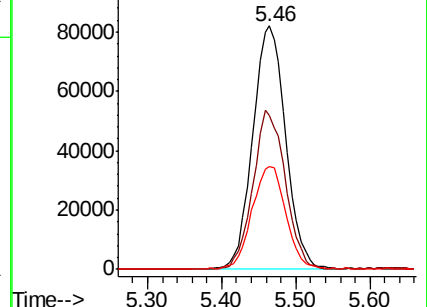
61 43.8 35.2 52.8



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 5.648 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

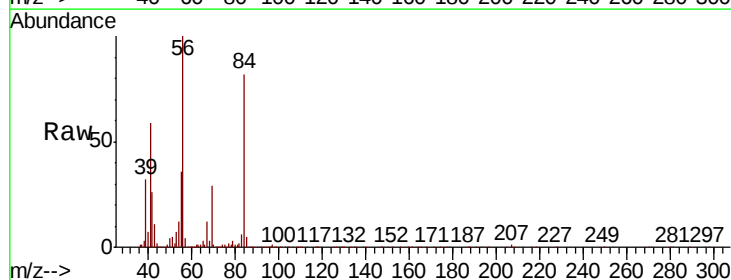
Tgt Ion: 56 Resp: 223867

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

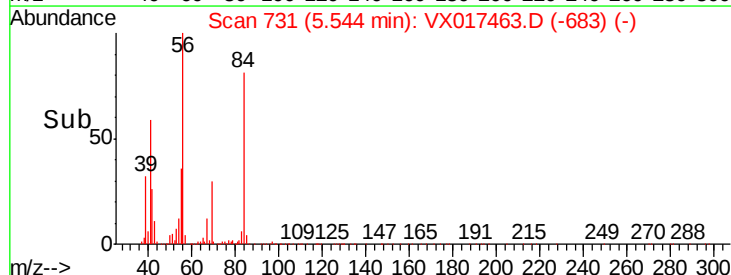
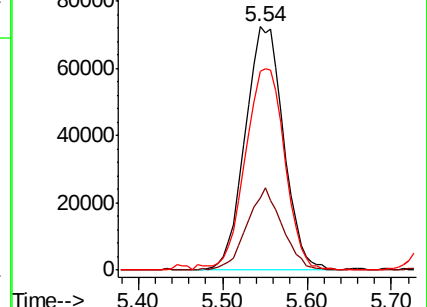
84 85.0 69.3 103.9

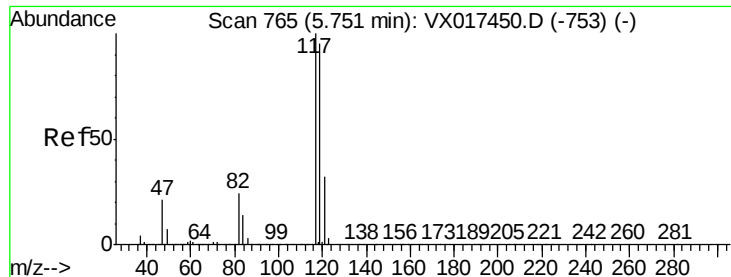


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0





#31

Carbon tetrachloride

Concen: 5.312 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

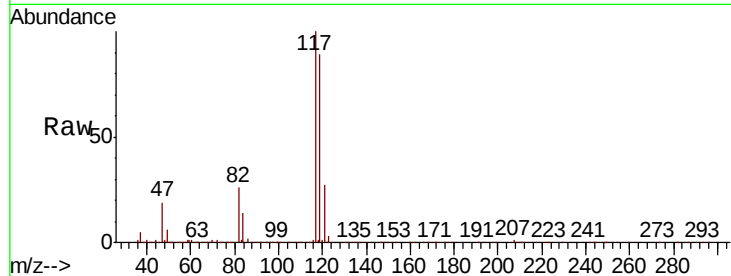
BFB62

Tot Ion:117 Resp: 234720

Ion Ratio Lower Upper

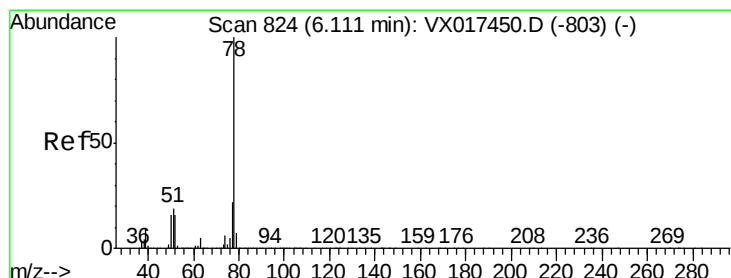
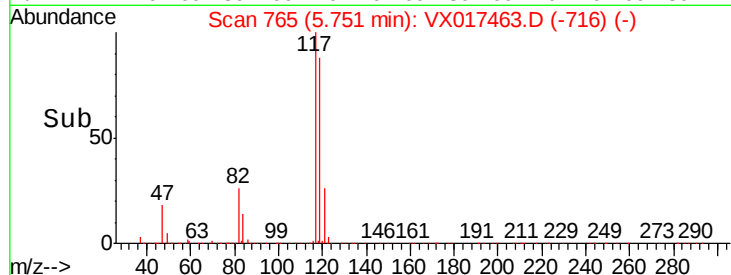
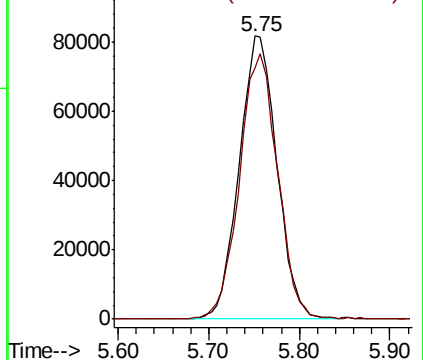
117 100

119 94.9 78.5 117.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.222 ug/L

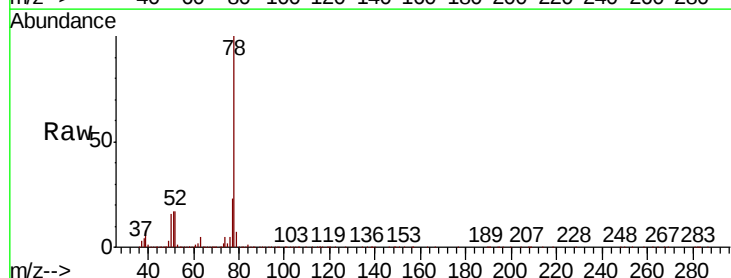
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

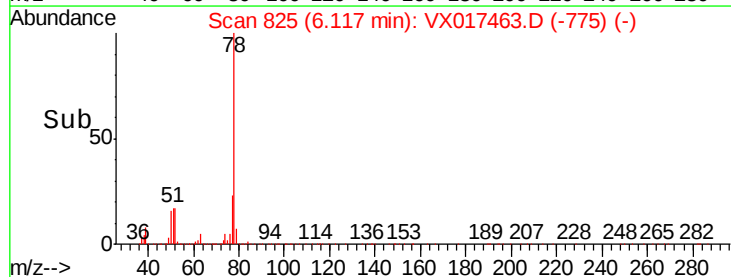
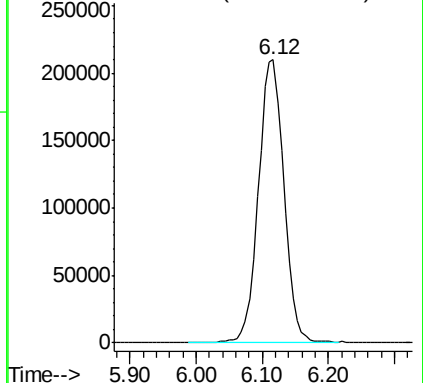
Lab File: VX017463.D

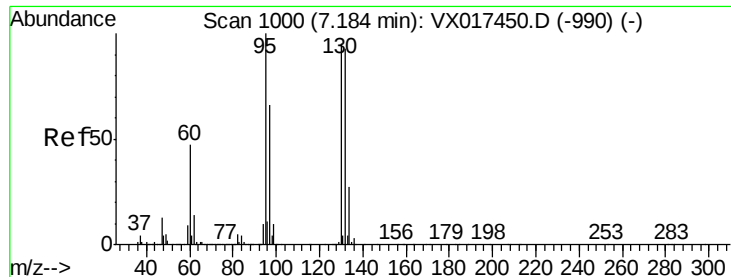
Acq: 21 Jul 2020 18:22

Tgt Ion: 78 Resp: 561404



Abundance Ion 78.10 (77.80 to 78.80): VX0

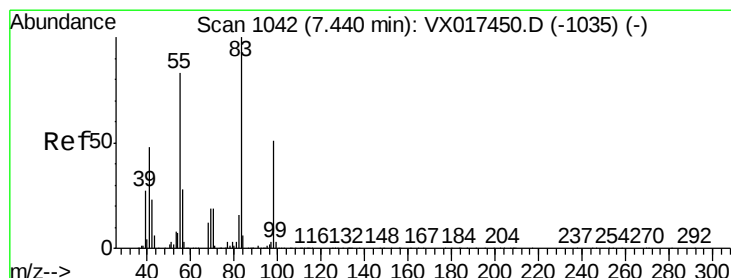
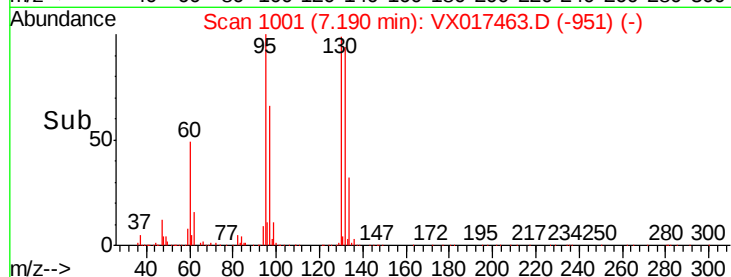
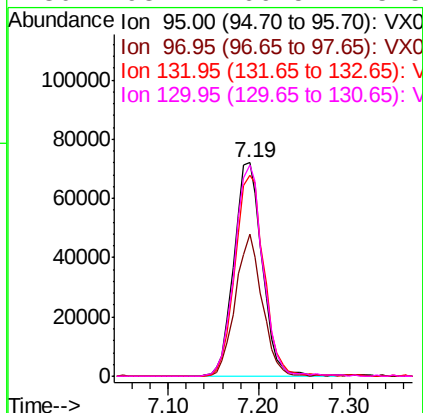
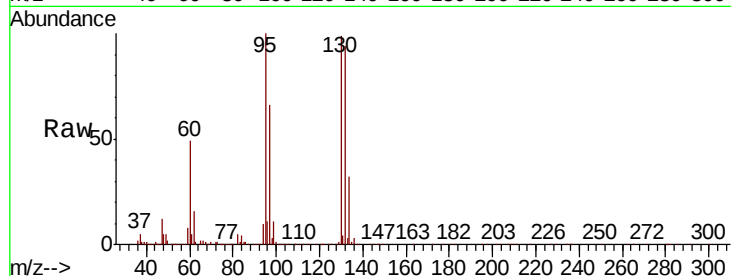




#34
 Trichloroethene
 Concen: 5.380 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

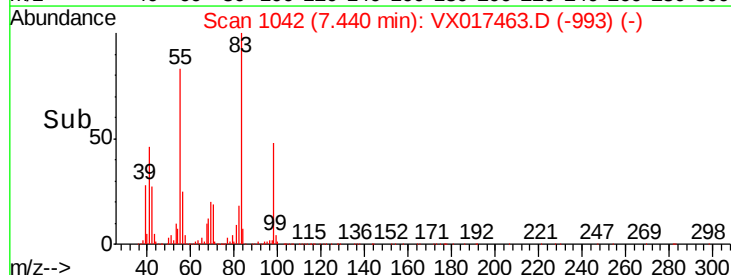
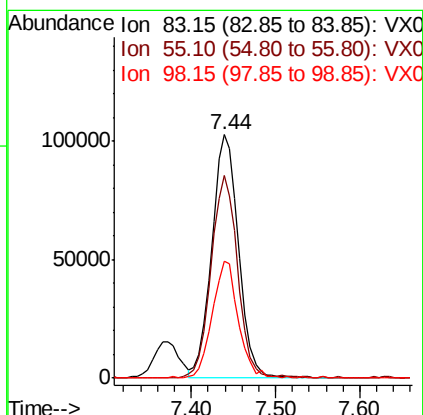
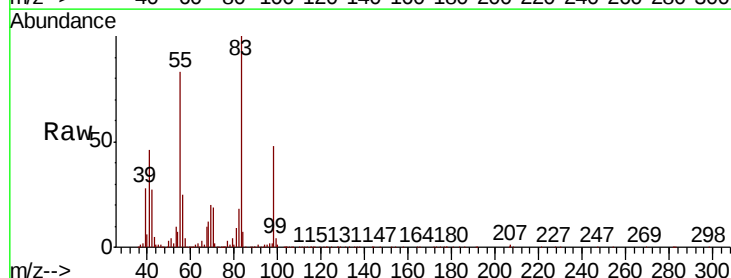
Instrument :
 MSVOA_X
 ClientSampled :
 BFB62

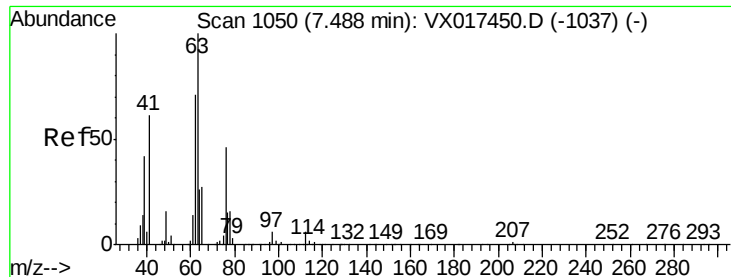
Tot Ion:	95	Resp:	156068
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.9	85.3
132	93.9	65.5	121.7
130	98.7	66.5	123.5



#35
 Methylcyclohexane
 Concen: 5.768 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Tgt Ion:	83	Resp:	226394
Ion	Ratio	Lower	Upper
83	100		
55	81.6	65.4	98.2
98	46.8	39.8	59.8

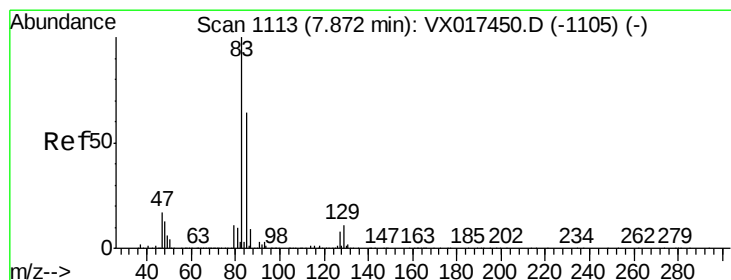
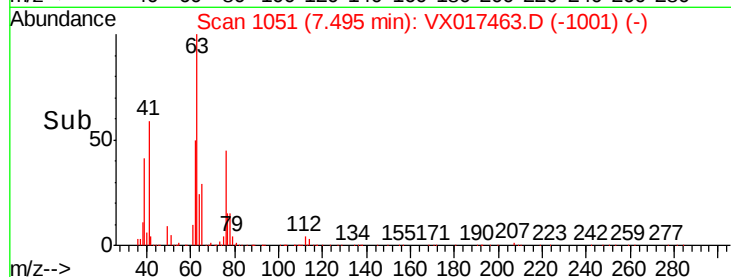
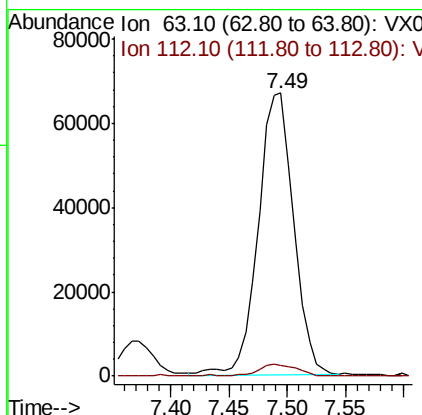
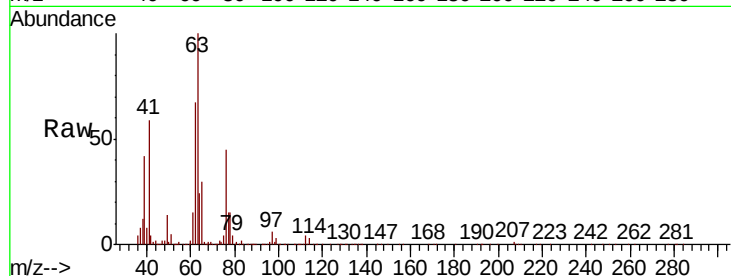




#37
 1,2-Dichloropropane
 Concen: 5.197 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

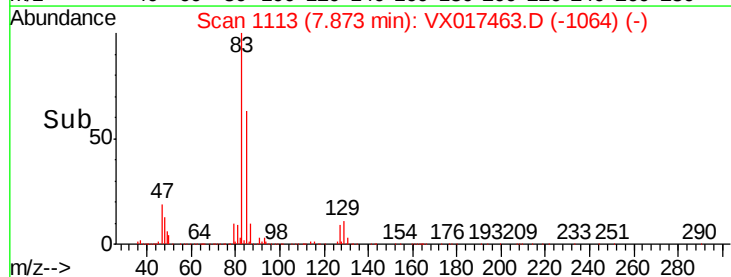
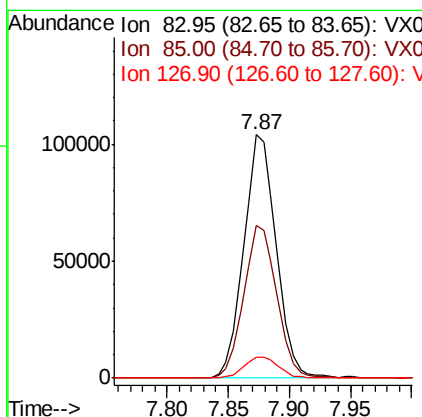
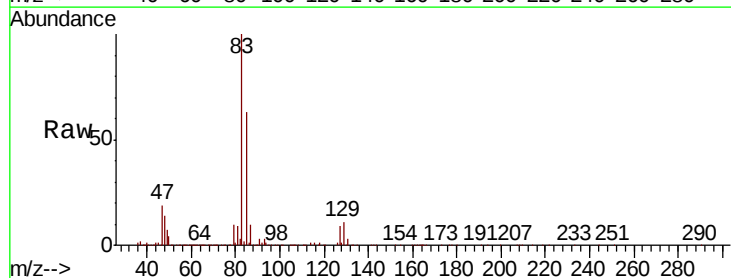
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB62

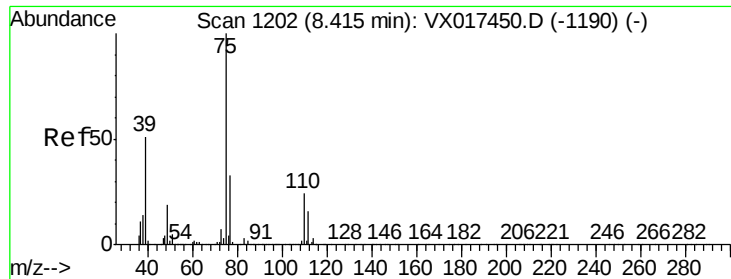
Tot Ion: 63 Resp: 140490
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.8 5.8



#38
 Bromodichloromethane
 Concen: 5.299 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Tgt Ion: 83 Resp: 191864
 Ion Ratio Lower Upper
 83 100
 85 62.8 44.7 83.1
 127 8.8 6.3 9.5



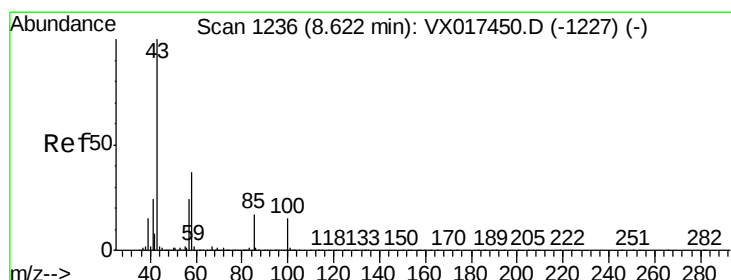
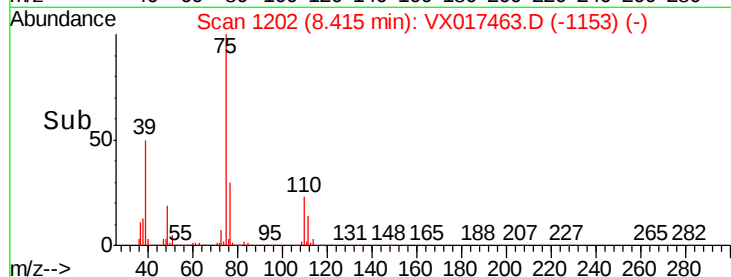
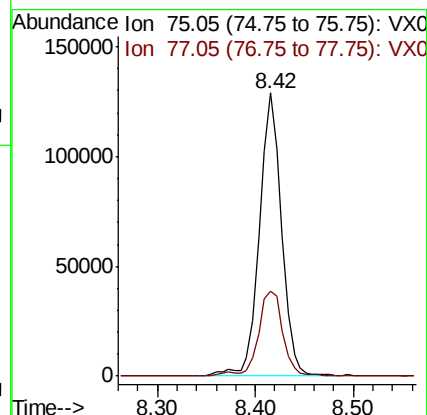
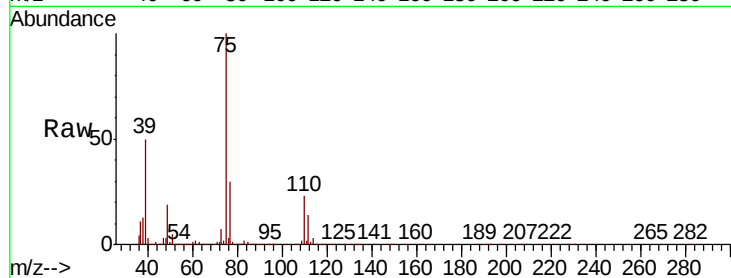


#39

cis-1,3-Dichloropropene
Concen: 5.205 ug/L
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
BFB62

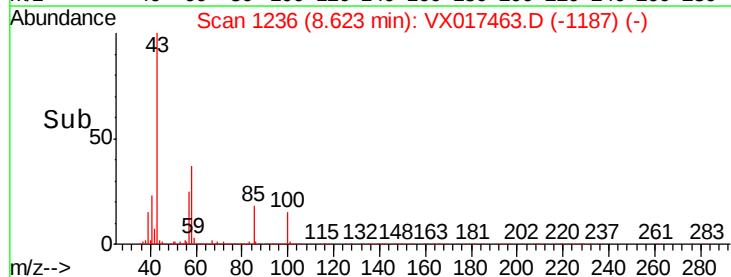
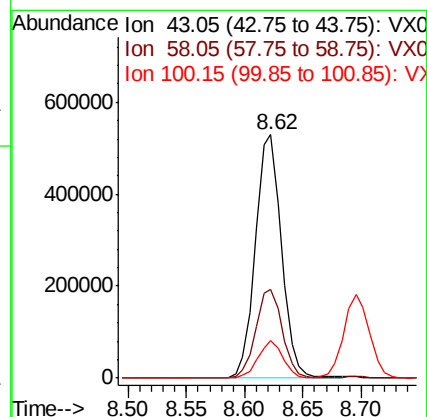
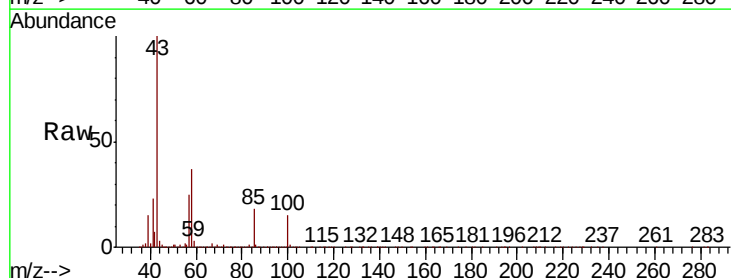
Tot Ion: 75 Resp: 203236
Ion Ratio Lower Upper
75 100
77 30.1 23.1 42.9

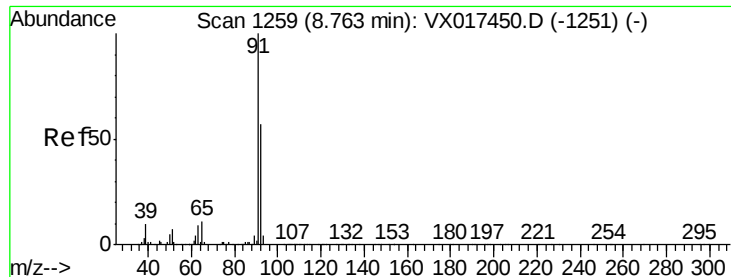


#40

4-Methyl-2-pentanone
Concen: 52.468 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion: 43 Resp: 829420
Ion Ratio Lower Upper
43 100
58 37.1 30.1 45.1
100 14.7 6.5 9.7#





#42

Toluene

Concen: 5.684 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

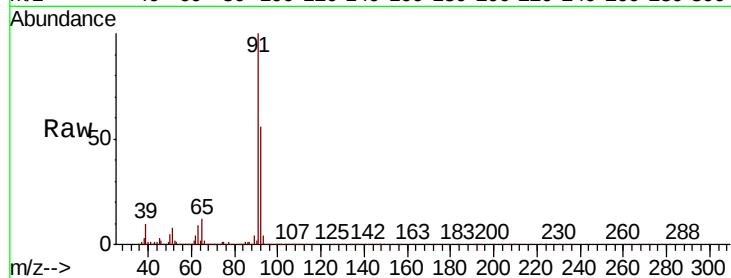
BFB62

Tot Ion: 91 Resp: 612747

Ion Ratio Lower Upper

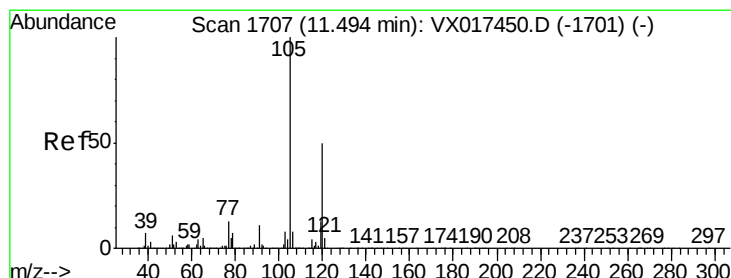
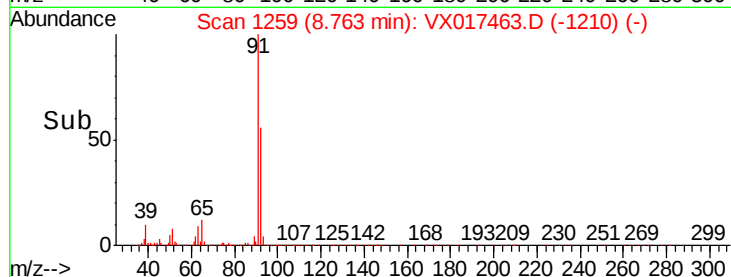
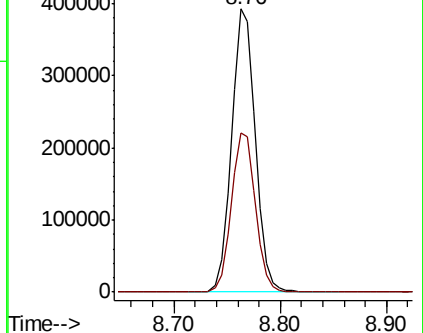
91 100

92 56.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 5.469 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017463.D

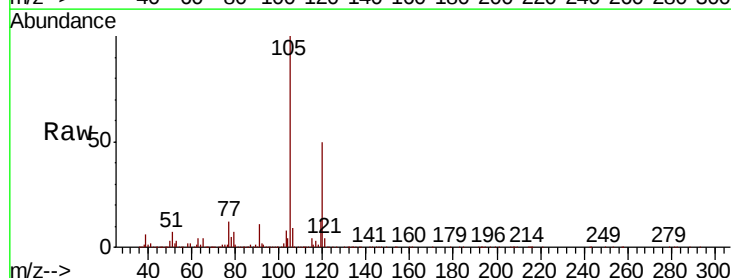
Acq: 21 Jul 2020 18:22

Tgt Ion:105 Resp: 549289

Ion Ratio Lower Upper

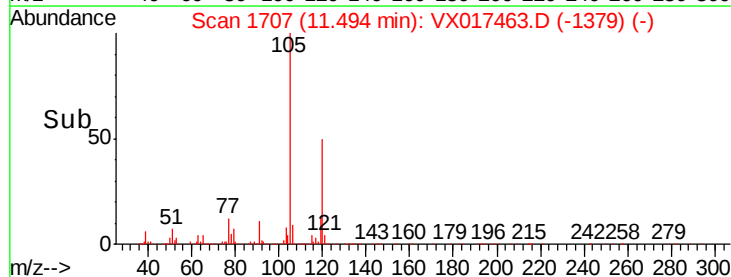
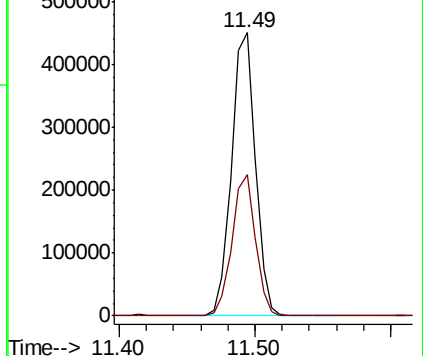
105 100

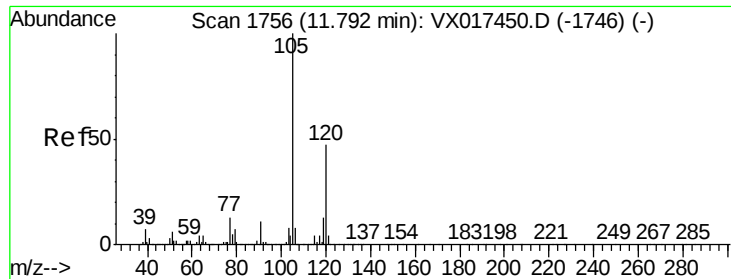
120 48.9 38.2 57.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#44

1,2,4-Trimethylbenzene

Concen: 5.587 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampled :

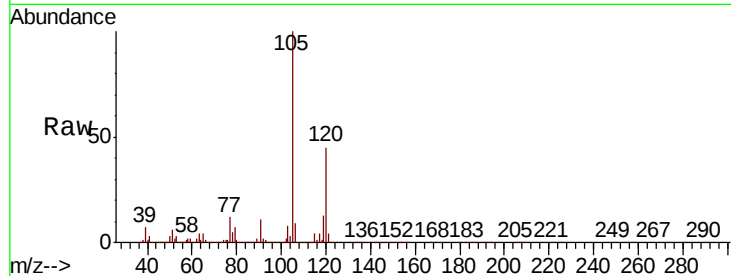
BFB62

Tot Ion:105 Resp: 555610

Ion Ratio Lower Upper

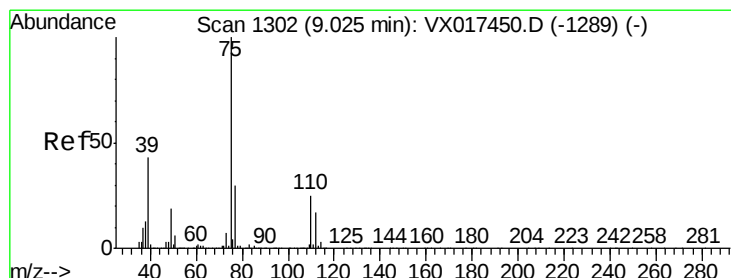
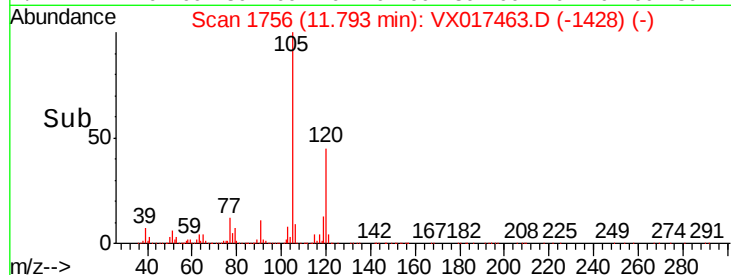
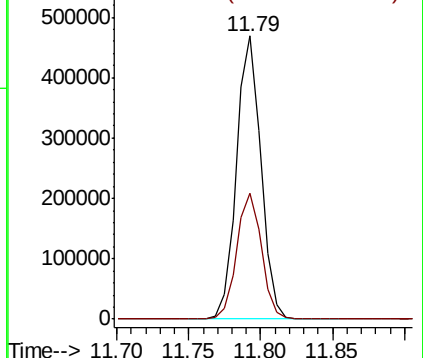
105 100

120 45.2 36.5 54.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 5.445 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017463.D

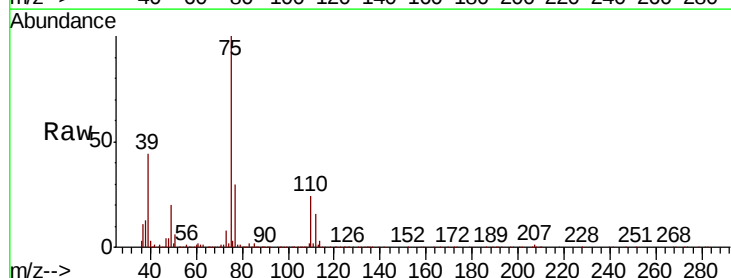
Acq: 21 Jul 2020 18:22

Tgt Ion: 75 Resp: 183103

Ion Ratio Lower Upper

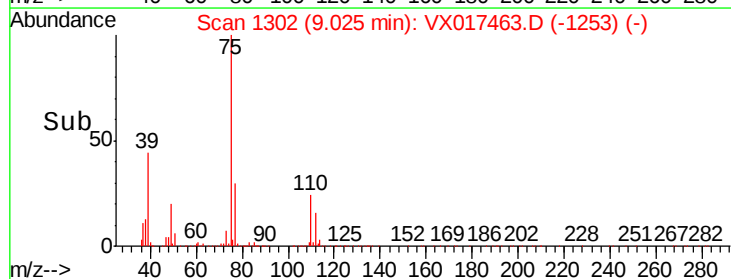
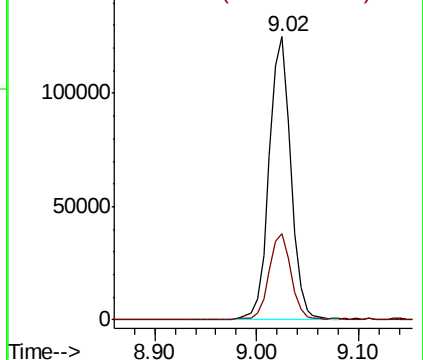
75 100

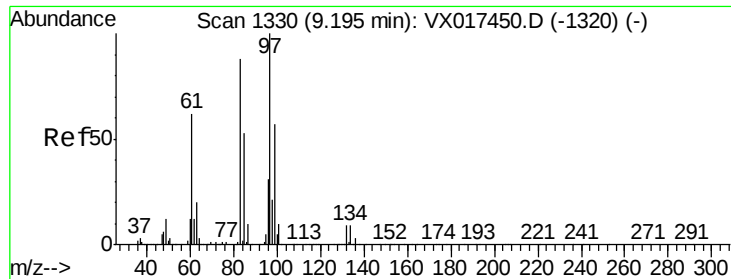
77 30.4 21.4 39.8



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0





#47

1,1,2-Trichloroethane

Concen: 5.401 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

BFB62

Tot Ion: 97 Resp: 99893

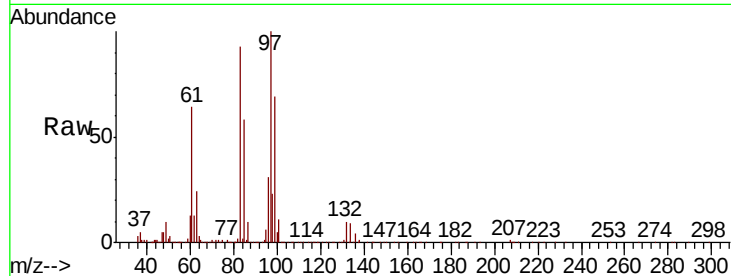
Ion Ratio Lower Upper

97 100

99 69.1 40.2 74.6

83 93.4 61.6 114.4

85 58.2 37.5 69.6

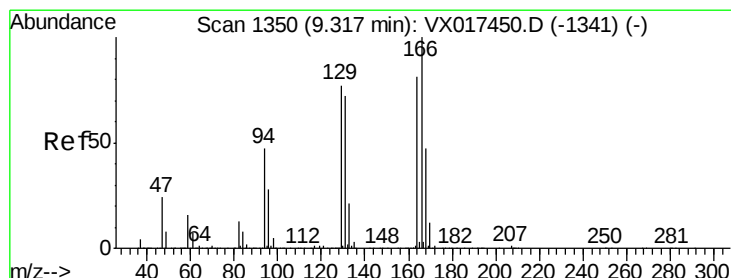
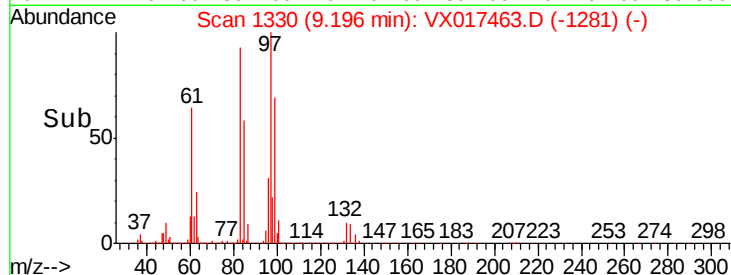
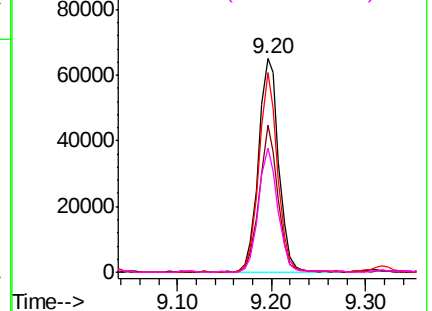


Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49

Tetrachloroethene

Concen: 5.355 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Tgt Ion:164 Resp: 126209

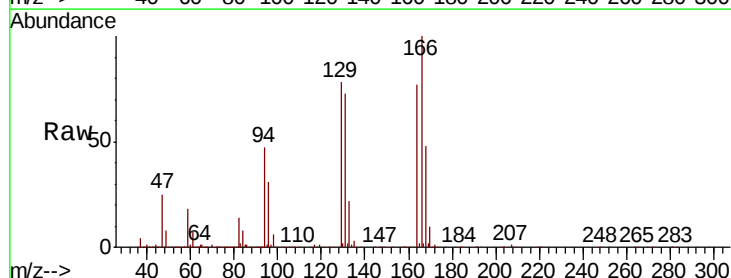
Ion Ratio Lower Upper

164 100

129 102.0 66.6 123.8

131 95.3 62.6 116.2

166 130.2 86.9 161.5

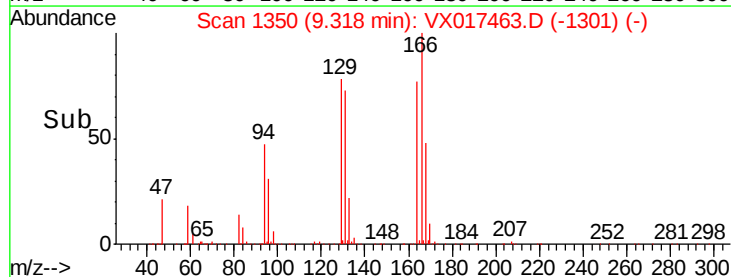
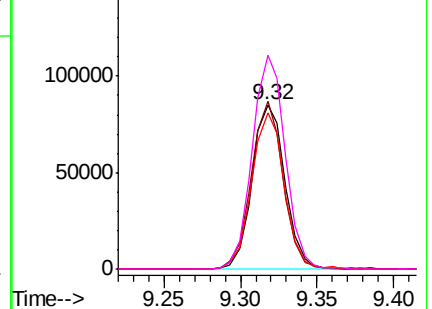


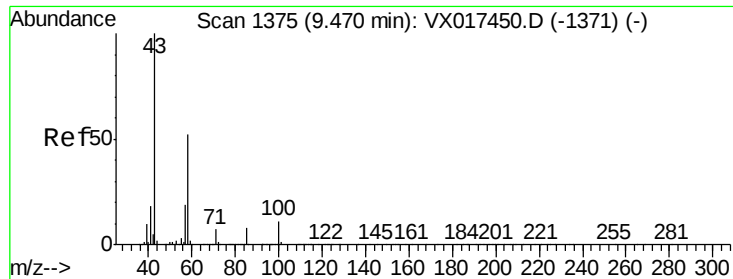
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

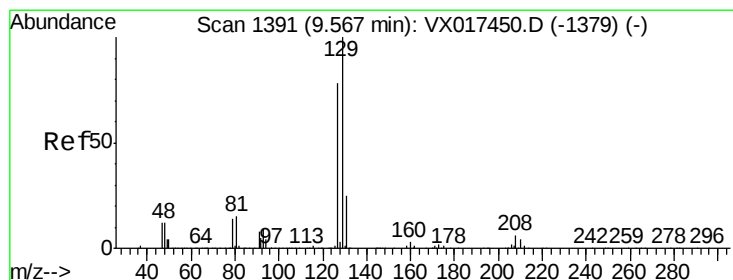
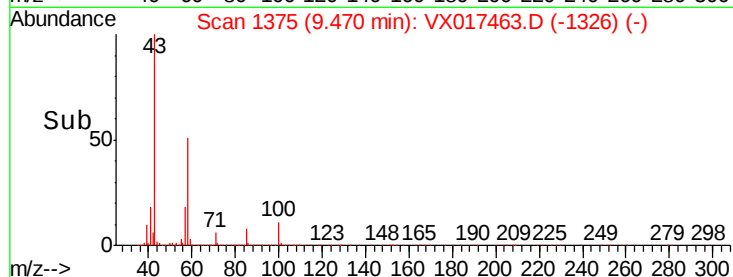
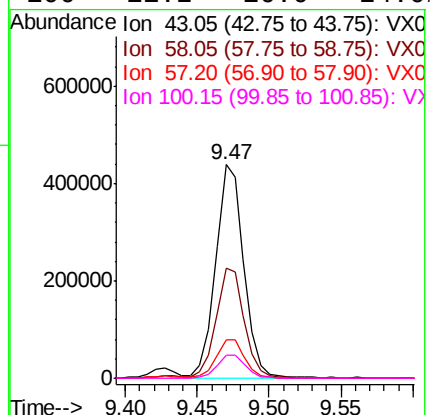
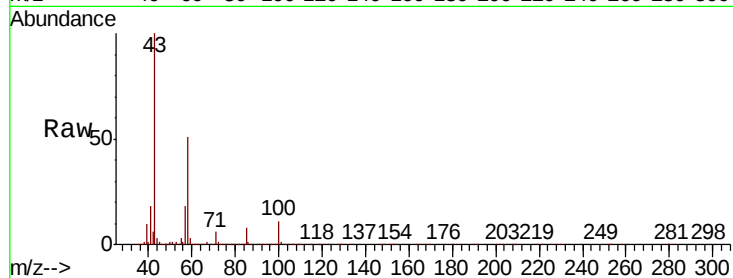




#50
2-Hexanone
Concen: 51.535 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

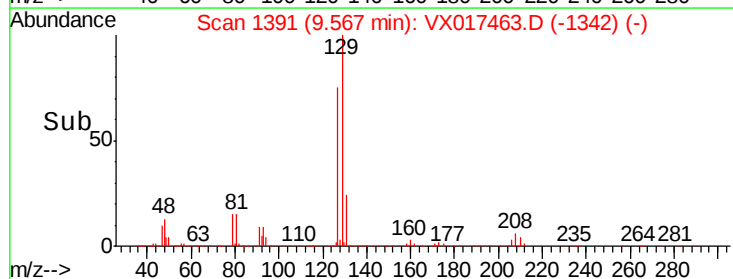
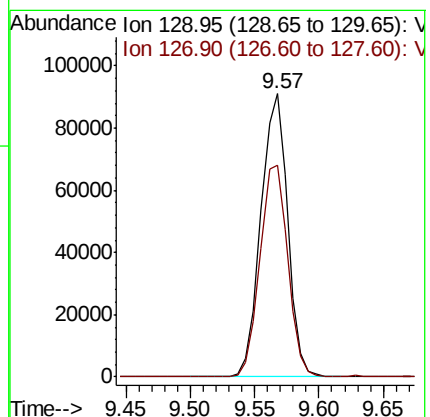
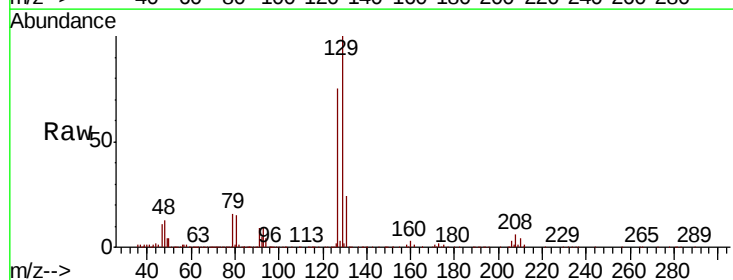
Instrument :
MSVOA_X
ClientSampleId :
BFB62

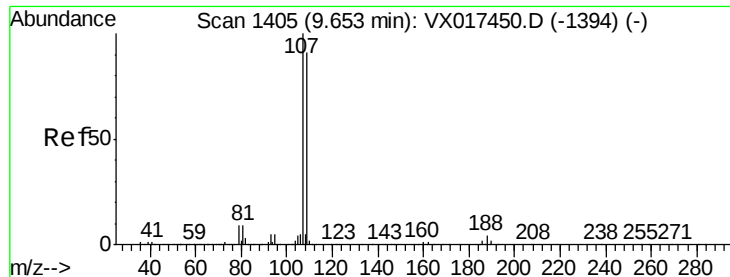
Tot Ion: 43 Resp: 594666
Ion Ratio Lower Upper
43 100
58 51.8 41.4 62.0
57 18.5 26.9 40.3#
100 11.2 16.0 24.0#



#51
Dibromochloromethane
Concen: 5.138 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion:129 Resp: 130653
Ion Ratio Lower Upper
129 100
127 74.8 54.7 101.5





#52

1,2-Dibromoethane

Concen: 5.273 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

BFB62

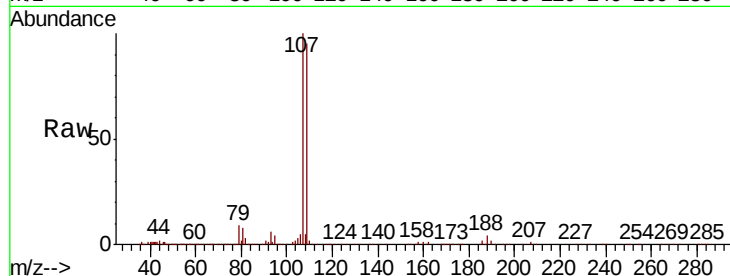
Tot Ion:107 Resp: 96658

Ion Ratio Lower Upper

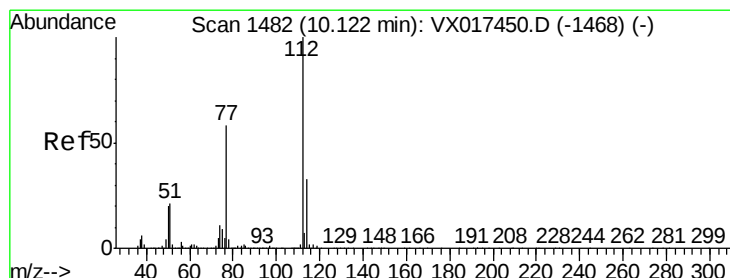
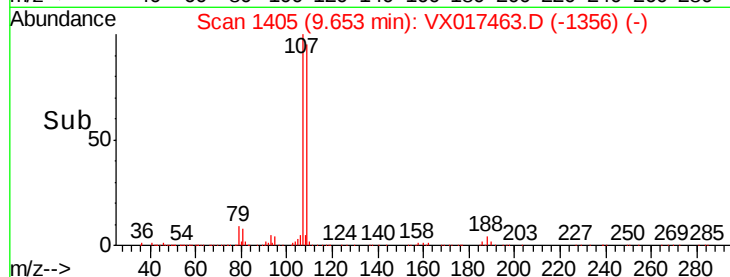
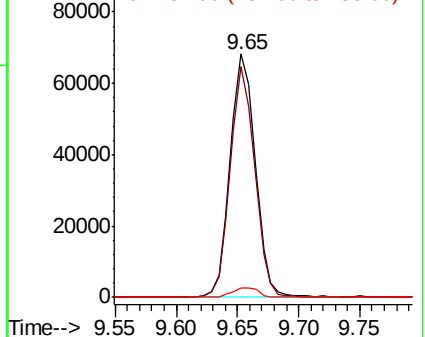
107 100

109 95.0 63.9 118.7

188 3.8 3.0 4.4



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 5.347 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

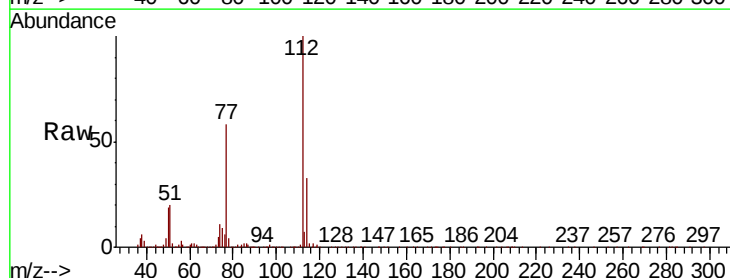
Tgt Ion:112 Resp: 392270

Ion Ratio Lower Upper

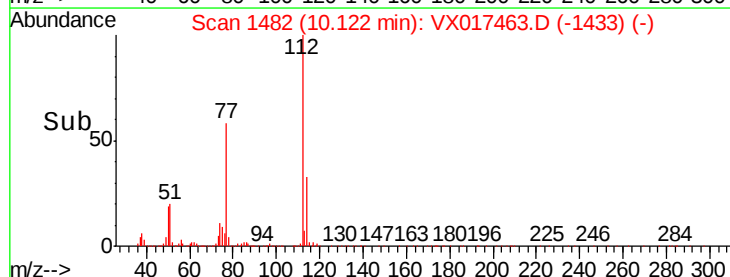
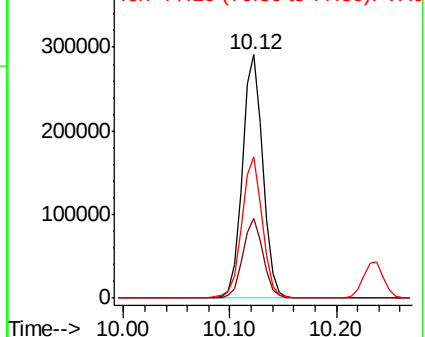
112 100

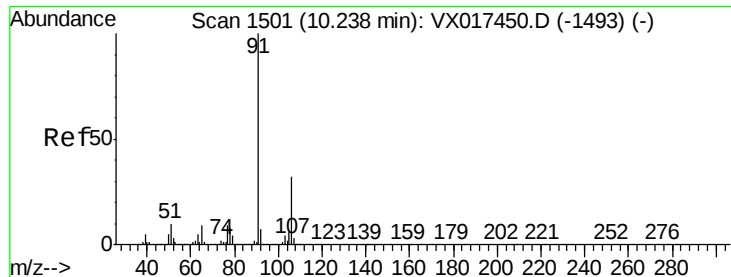
114 33.0 23.1 42.9

77 58.1 46.2 69.2



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 5.475 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

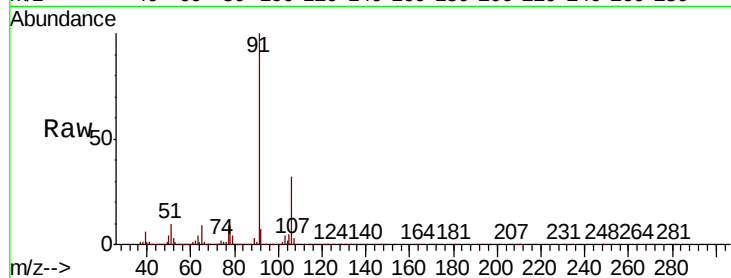
BFB62

Tot Ion: 91 Resp: 640151

Ion Ratio Lower Upper

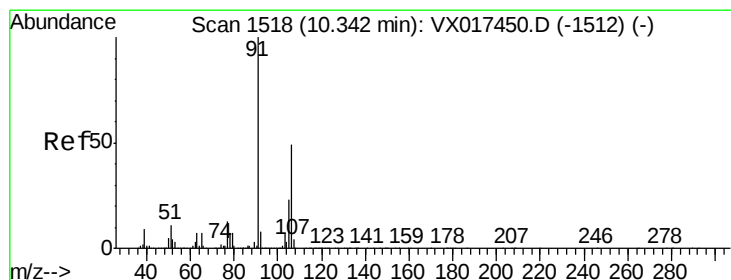
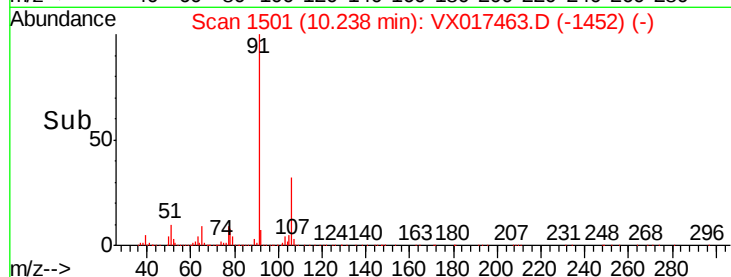
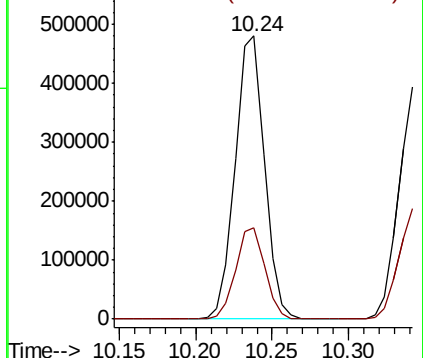
91 100

106 32.4 22.5 41.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 5.525 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017463.D

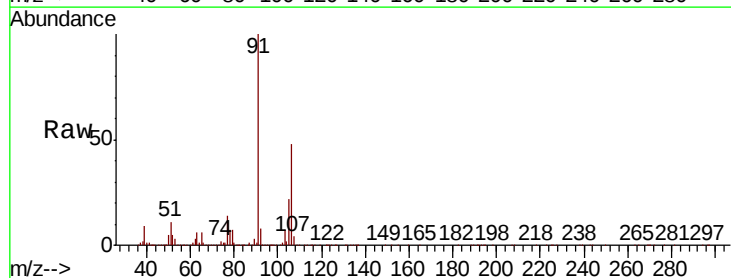
Acq: 21 Jul 2020 18:22

Tgt Ion: 106 Resp: 257918

Ion Ratio Lower Upper

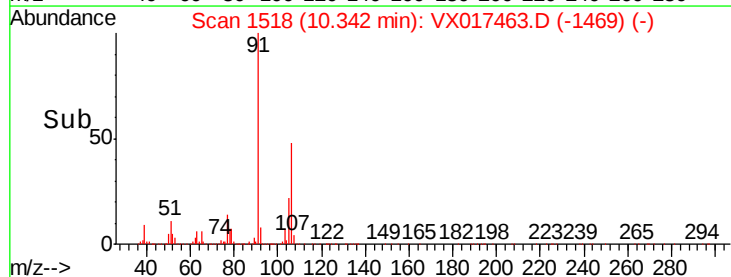
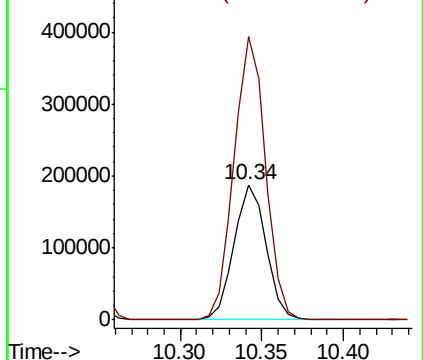
106 100

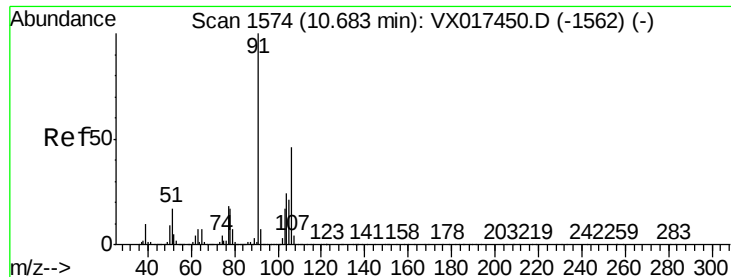
91 209.1 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

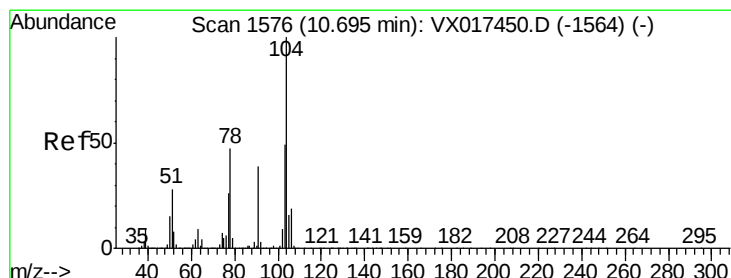
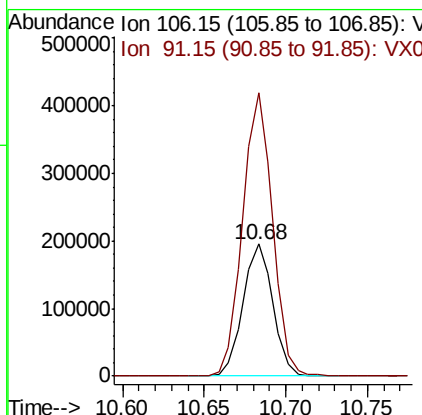
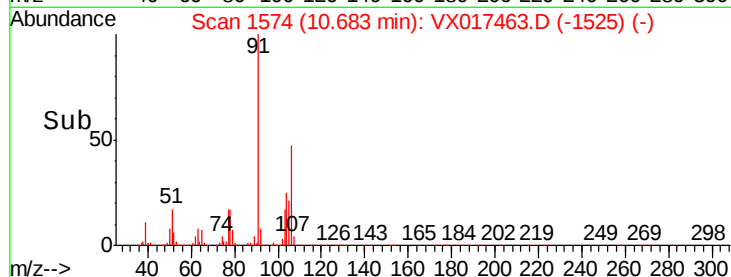
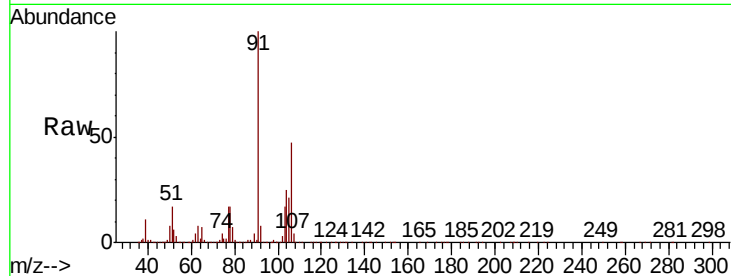




#56
o-xylene
Concen: 5.516 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

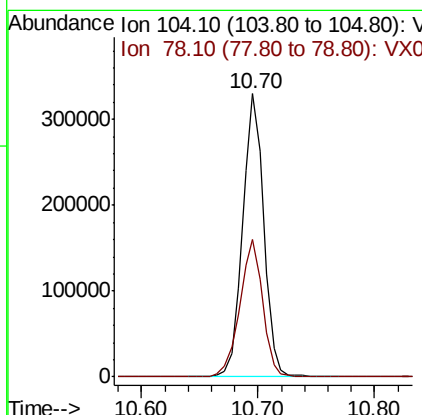
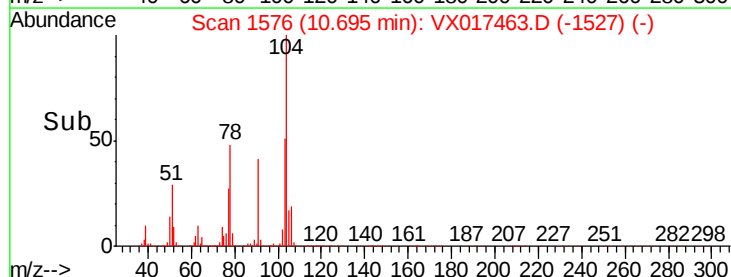
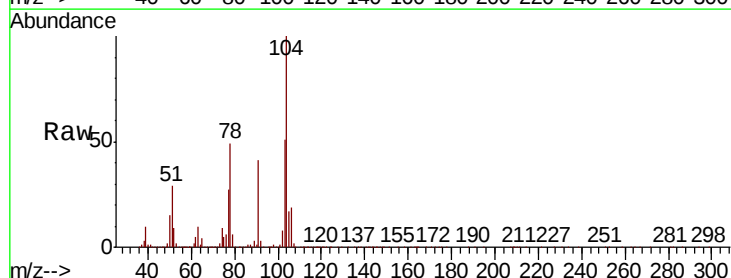
Instrument :
MSVOA_X
ClientSampleId :
BFB62

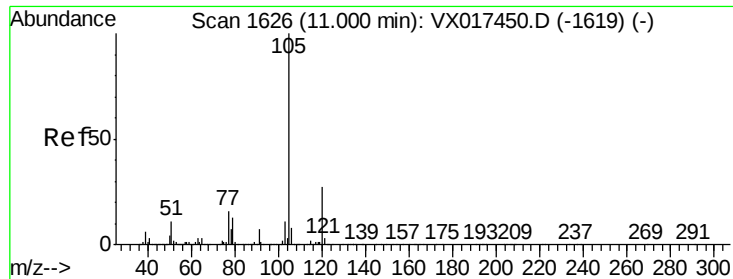
Tot Ion:106 Resp: 249751
Ion Ratio Lower Upper
106 100
91 214.6 153.4 284.8



#57
Styrene
Concen: 5.545 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion:104 Resp: 418209
Ion Ratio Lower Upper
104 100
78 48.6 32.6 60.6





#58

Isopropylbenzene

Concen: 5.676 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

BFB62

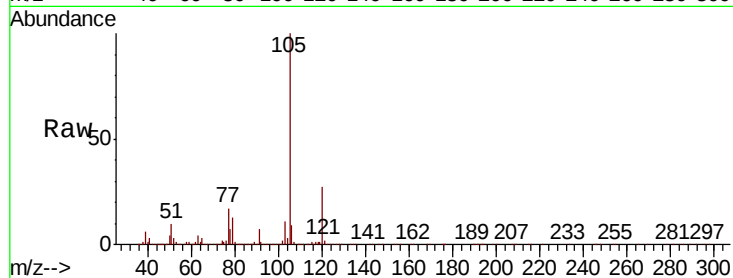
Tot Ion:105 Resp: 664218

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.2

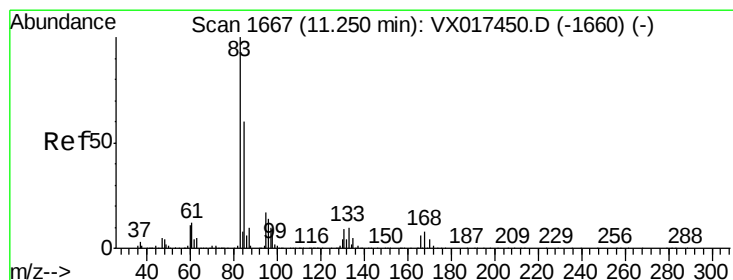
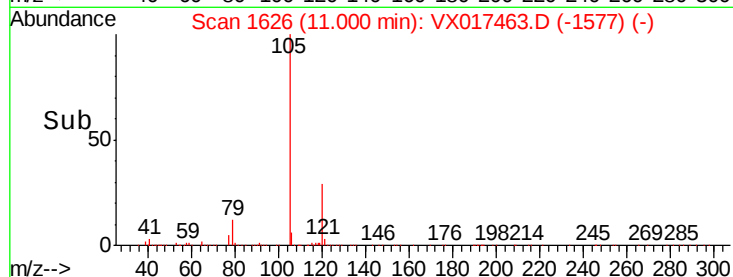
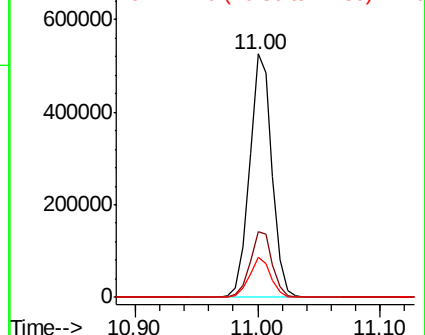
77 15.7 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.121 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

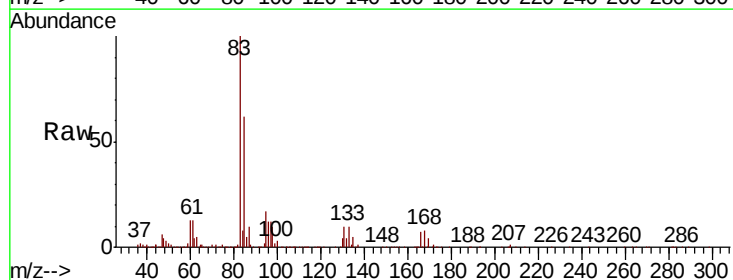
Tgt Ion: 83 Resp: 112715

Ion Ratio Lower Upper

83 100

85 62.0 42.1 78.1

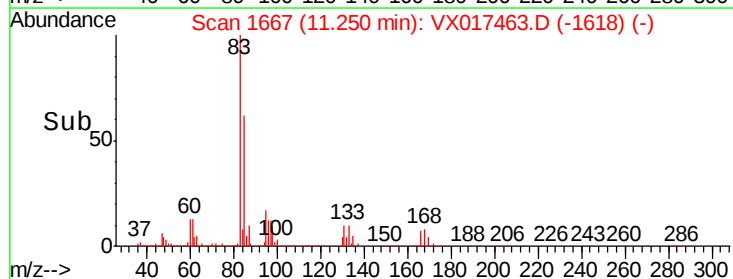
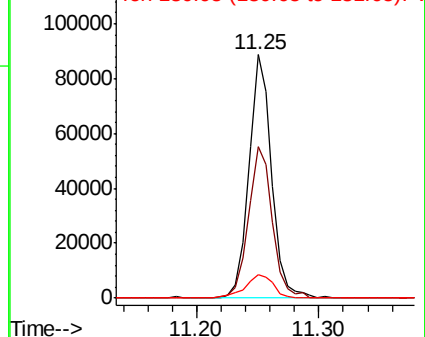
131 9.6 7.7 11.5

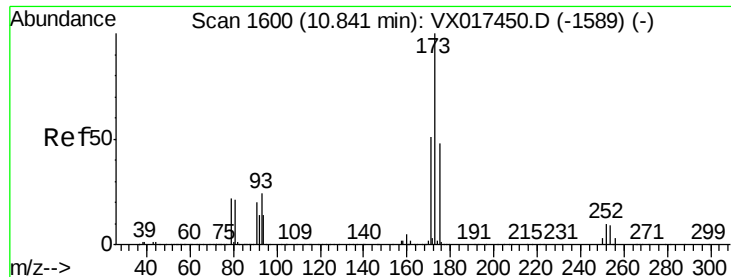


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V

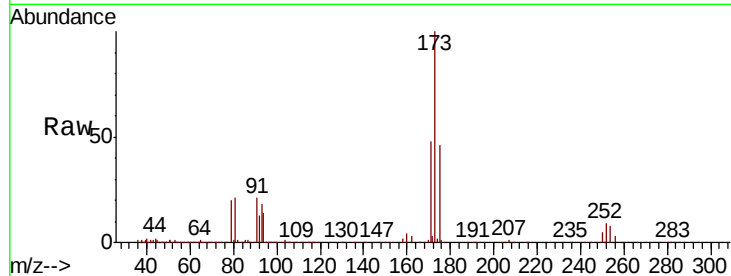




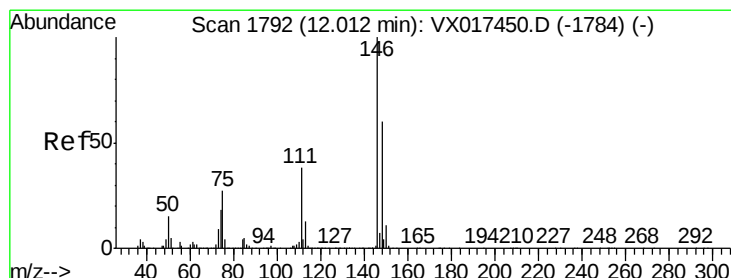
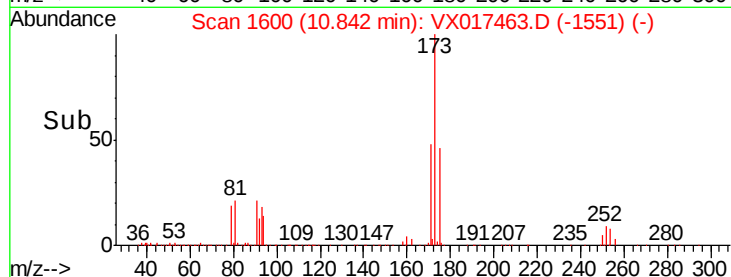
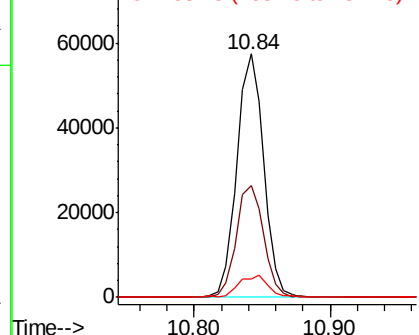
#62
Bromoform
Concen: 5.219 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
BFB62

Tot Ion:173 Resp: 78794
Ion Ratio Lower Upper
173 100
175 47.3 38.4 57.6
254 10.0 7.4 11.2

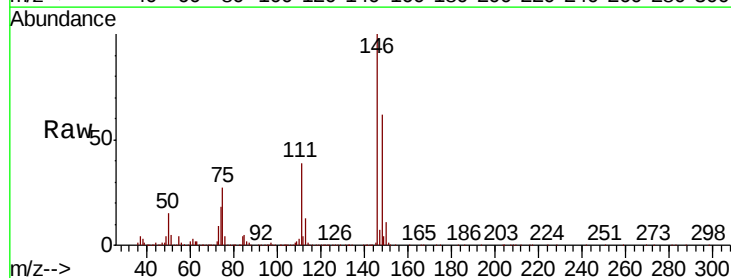


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

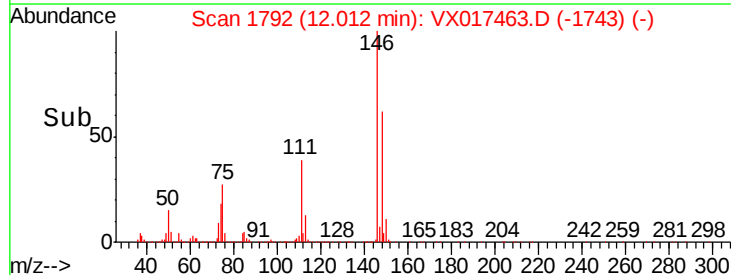
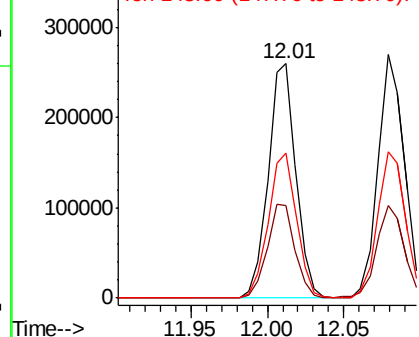


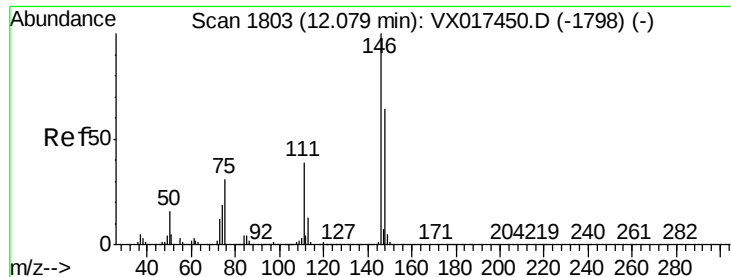
#63
1,3-Dichlorobenzene
Concen: 5.426 ug/L
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX017463.D
Acq: 21 Jul 2020 18:22

Tgt Ion:146 Resp: 329188
Ion Ratio Lower Upper
146 100
111 39.4 26.8 49.8
148 61.9 42.1 78.3



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 5.440 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

BFB62

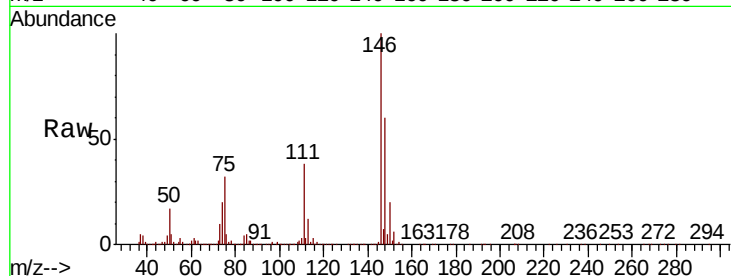
Tot Ion:146 Resp: 324919

Ion Ratio Lower Upper

146 100

111 38.3 27.7 51.5

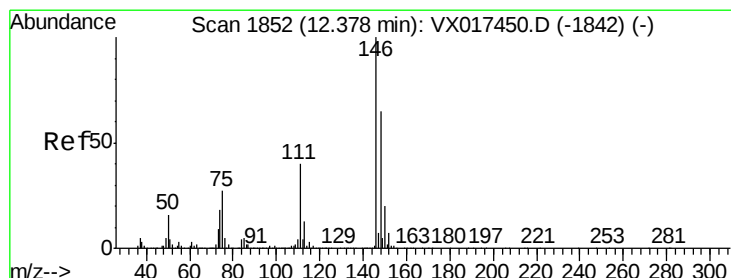
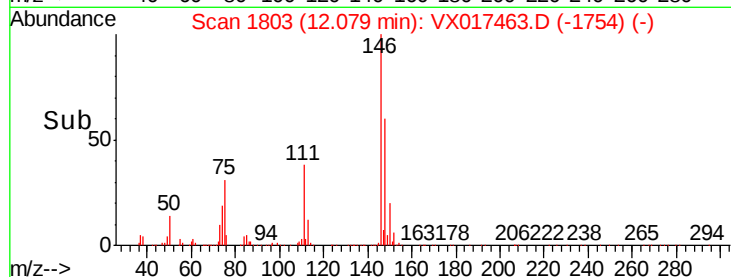
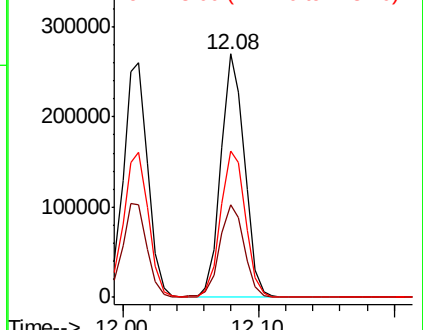
148 60.2 44.9 83.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 5.266 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

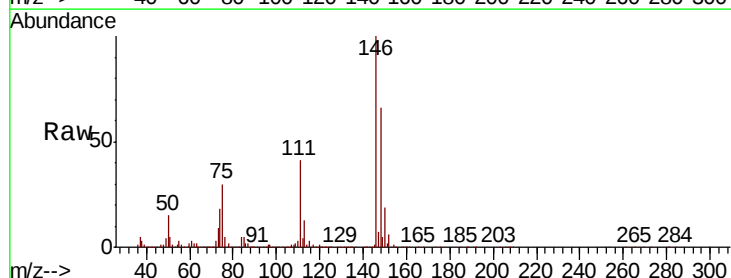
Tgt Ion:146 Resp: 295900

Ion Ratio Lower Upper

146 100

111 41.3 31.8 47.6

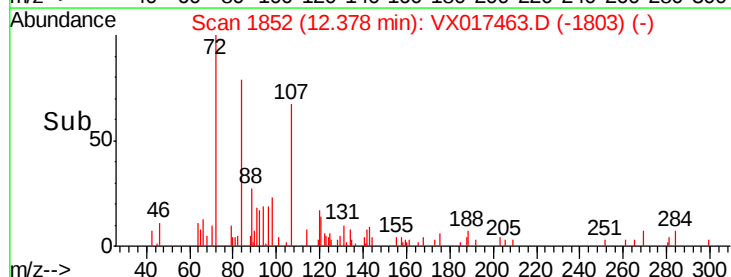
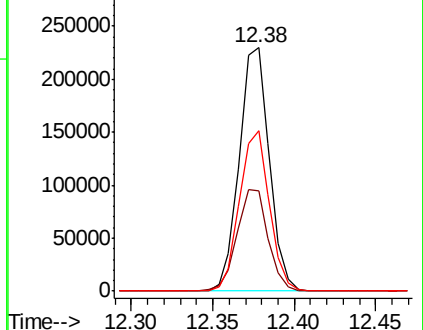
148 65.7 51.8 77.8

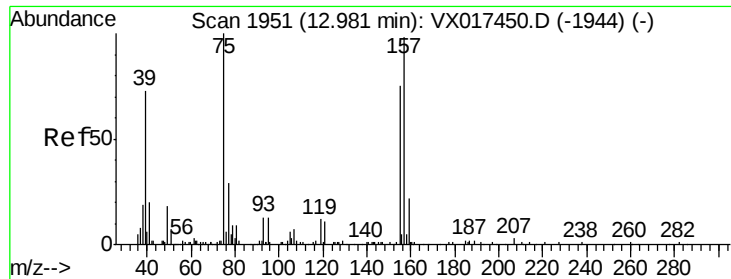


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dibromo-3-chloropropane

Concen: 4.352 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

BFB62

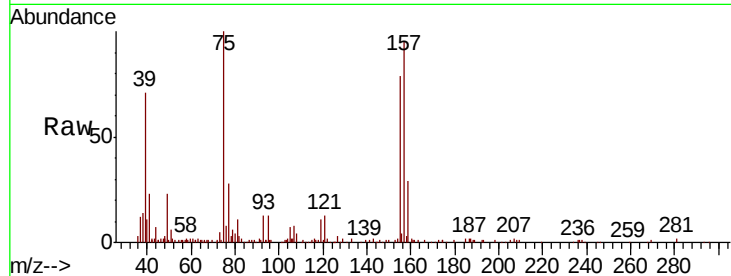
Tot Ion: 75 Resp: 21528

Ion Ratio Lower Upper

75 100

155 78.8 59.6 89.4

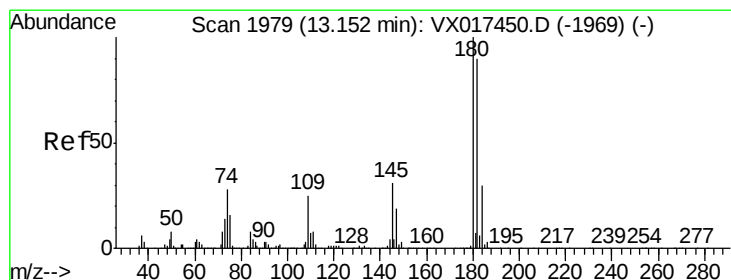
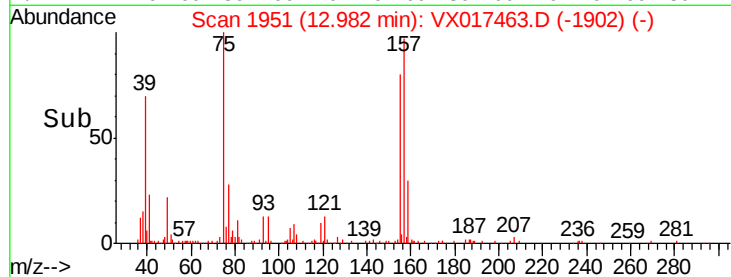
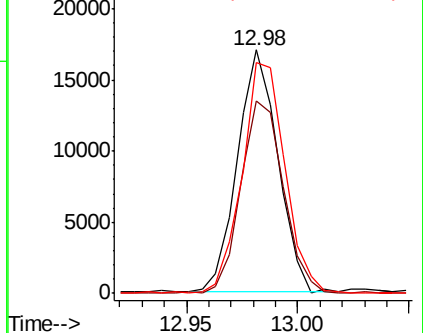
157 94.9 78.7 118.1



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V



#68

1,3,5-Trichlorobenzene

Concen: 5.493 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX017463.D

Acq: 21 Jul 2020 18:22

Tgt Ion:180 Resp: 280736

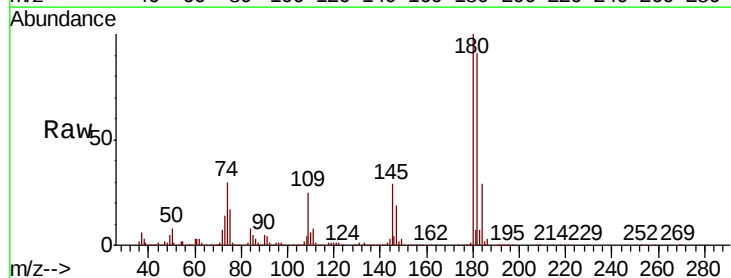
Ion Ratio Lower Upper

180 100

182 91.5 73.8 110.8

184 30.0 24.2 36.2

145 30.8 24.4 36.6

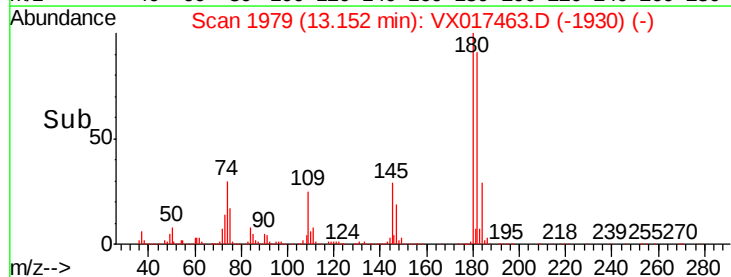
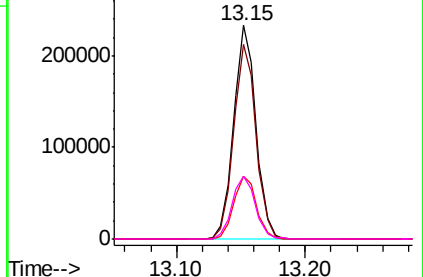


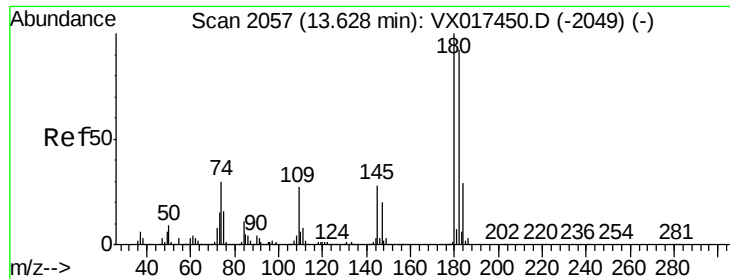
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

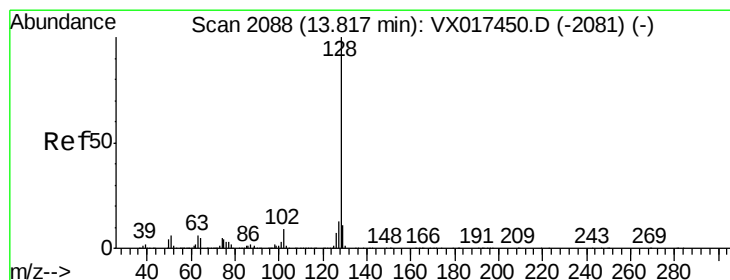
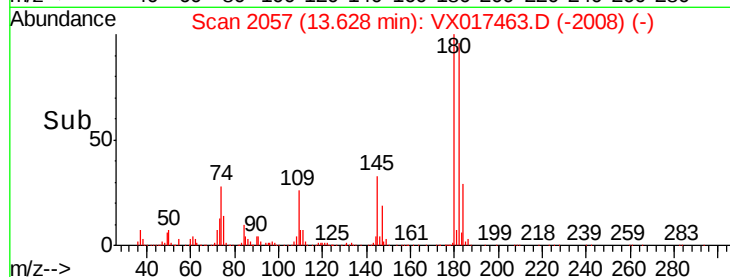
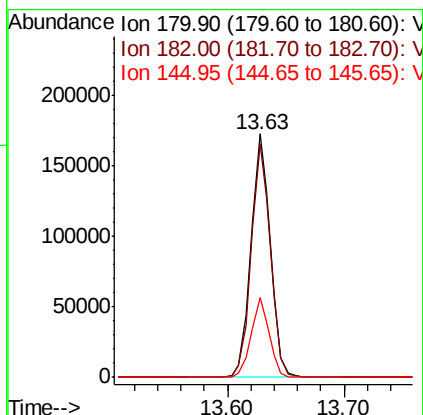
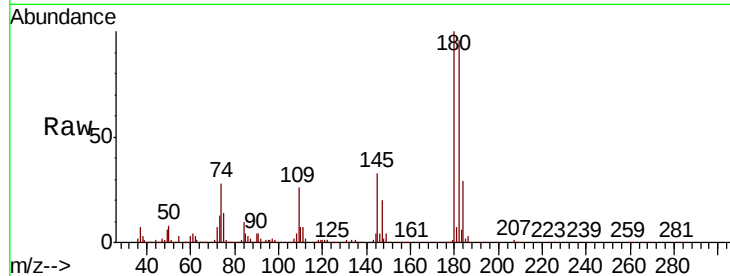




#69
 1,2,4-trichlorobenzene
 Concen: 5.338 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

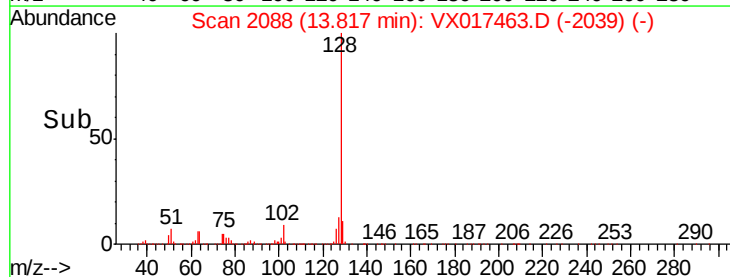
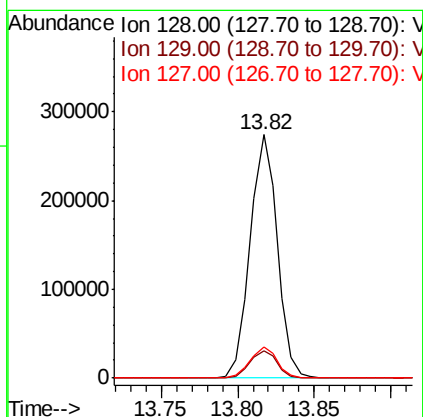
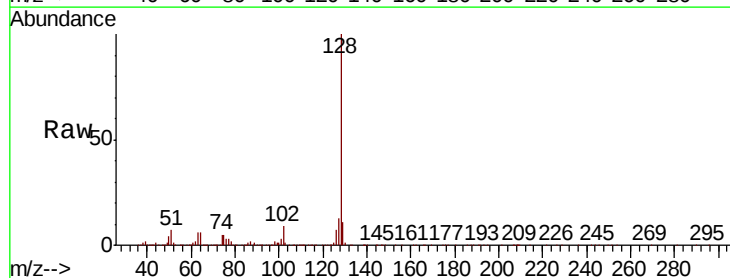
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB62

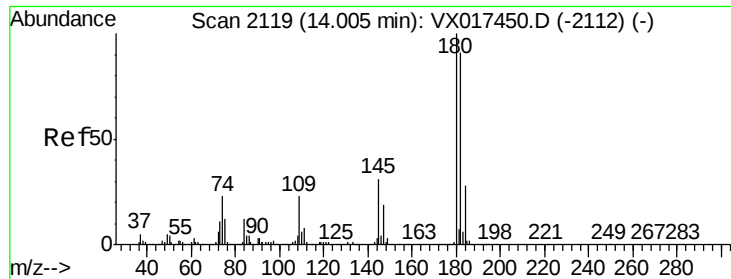
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
145	31.2	24.3	36.5



#70
 Naphthalene
 Concen: 5.167 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	12.9	10.2	15.4

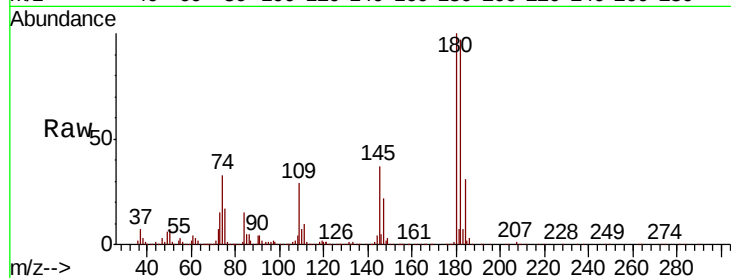




#71
 1,2,3-Trichlorobenzene
 Concen: 5.267 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017463.D
 Acq: 21 Jul 2020 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB62

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.3	112.9
145	34.0	26.9	40.3



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

