

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018026.D
 Acq On : 20 Aug 2020 11:45
 Operator : JC/SP
 Sample : VX0820WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Aug 21 01:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	504192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	796557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	740411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	390962	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	339267	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.47	113	271909	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
50) Toluene-d8	8.70	98	950587	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	11.12	95	374805	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136111	18.501	ug/l	97
3) Chloromethane	1.31	50	116994	16.968	ug/l	100
4) Vinyl Chloride	1.39	62	117349	17.955	ug/l	96
5) Bromomethane	1.63	94	77960	20.204	ug/l	98
6) Chloroethane	1.72	64	67823	17.936	ug/l	100
7) Trichlorofluoromethane	1.92	101	182037	17.241	ug/l	94
8) Diethyl Ether	2.17	74	52289	16.993	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80548	16.221	ug/l	99
10) Methyl Iodide	2.50	142	74708	11.667	ug/l	98
11) Tert butyl alcohol	3.01	59	120047	84.124	ug/l	99
12) 1,1-Dichloroethene	2.36	96	73596	16.194	ug/l	91
13) Acrolein	2.28	56	75434	100.069	ug/l	94
14) Allyl chloride	2.71	41	149953	18.501	ug/l	99
15) Acrylonitrile	3.12	53	286322	91.874	ug/l	99
16) Acetone	2.42	43	265126	91.180	ug/l	98
17) Carbon Disulfide	2.55	76	189489	17.185	ug/l	100
18) Methyl Acetate	2.75	43	138853	18.977	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	323383	18.612	ug/l	99
20) Methylene Chloride	2.84	84	97343	18.170	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	81798	17.508	ug/l	96
22) Diisopropyl ether	3.82	45	327338	19.265	ug/l	90
23) Vinyl Acetate	3.79	43	1187411	91.449	ug/l	99
24) 1,1-Dichloroethane	3.67	63	171154	18.171	ug/l	97
25) 2-Butanone	4.64	43	402193	91.364	ug/l	98
26) 2,2-Dichloropropane	4.56	77	150766	17.578	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	103108	18.709	ug/l	98
28) Bromochloromethane	4.98	49	89884	18.466	ug/l	97
29) Tetrahydrofuran	5.09	42	255700	93.527	ug/l	99
30) Chloroform	5.18	83	185754	18.043	ug/l	100
31) Cyclohexane	5.55	56	143989	18.852	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	163371	17.493	ug/l	99
36) 1,1-Dichloropropene	5.77	75	118463	17.768	ug/l	99
37) Ethyl Acetate	4.80	43	137842	17.280	ug/l	99
38) Carbon Tetrachloride	5.76	117	145598	16.873	ug/l	97

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Quant Time: Aug 21 01:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	132237	16.047	ug/l	96
40) Benzene	6.12	78	358330	17.844	ug/l	97
41) Methacrylonitrile	5.00	41	83030	18.160	ug/l	98
42) 1,2-Dichloroethane	6.17	62	148720	17.435	ug/l	99
43) Isopropyl Acetate	6.41	43	233049	18.097	ug/l	99
44) Trichloroethene	7.19	130	102639	17.236	ug/l	91
45) 1,2-Dichloropropane	7.49	63	100349	17.441	ug/l	95
46) Dibromomethane	7.64	93	70122	17.463	ug/l	97
47) Bromodichloromethane	7.88	83	151581	17.388	ug/l	93
48) Methyl methacrylate	7.74	41	116239	18.208	ug/l	99
49) 1,4-Dioxane	7.71	88	40228	307.799	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	798377	92.081	ug/l	99
52) Toluene	8.77	92	227358	17.305	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	160383	17.395	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	168847	17.564	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	104162	17.258	ug/l	96
56) Ethyl methacrylate	9.16	69	154636	18.121	ug/l	98
57) 1,3-Dichloropropane	9.35	76	172037	17.947	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	338098	81.815	ug/l	99
59) 2-Hexanone	9.47	43	593428	90.326	ug/l	99
60) Dibromochloromethane	9.57	129	124781	16.553	ug/l	99
61) 1,2-Dibromoethane	9.65	107	110662	16.553	ug/l	97
64) Tetrachloroethene	9.32	164	98742	17.463	ug/l	94
65) Chlorobenzene	10.12	112	263271	17.913	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	113130	18.197	ug/l	96
67) Ethyl Benzene	10.23	91	448113	18.495	ug/l	98
68) m/p-Xylenes	10.34	106	338545	36.295	ug/l	96
69) o-Xylene	10.68	106	164537	18.293	ug/l	99
70) Styrene	10.70	104	292592	18.855	ug/l	99
71) Bromoform	10.84	173	98798	17.705	ug/l #	98
73) Isopropylbenzene	11.00	105	446838	17.757	ug/l	99
74) N-amyl acetate	10.88	43	211567	18.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	163453	18.620	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	192891	23.200	ug/l	85
77) Bromobenzene	11.24	156	124971	17.900	ug/l	99
78) n-propylbenzene	11.34	91	510296	17.338	ug/l	99
79) 2-Chlorotoluene	11.40	91	320900	17.890	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	385659	17.459	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	55565	17.557	ug/l	94
82) 4-Chlorotoluene	11.49	91	378727	17.955	ug/l	99
83) tert-Butylbenzene	11.76	119	377875	18.115	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	399605	17.475	ug/l	99
85) sec-Butylbenzene	11.93	105	421064	16.721	ug/l	99
86) p-Isopropyltoluene	12.05	119	385630	16.463	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	224779	17.689	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	222420	17.866	ug/l	95
89) n-Butylbenzene	12.37	91	336114	17.337	ug/l	98
90) Hexachloroethane	12.58	117	73066	15.684	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	219361	18.700	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42481	18.997	ug/l	97

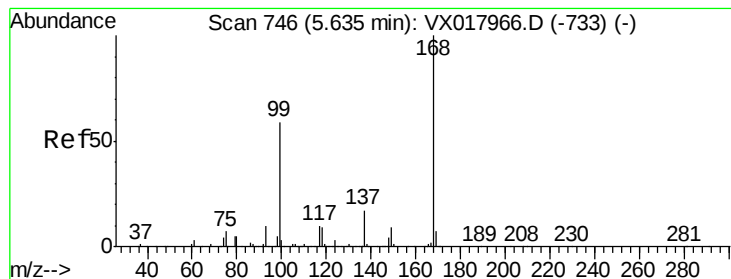
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	141097	18.284	ug/l	96
94) Hexachlorobutadiene	13.77	225	48238	14.647	ug/l	96
95) Naphthalene	13.82	128	497747	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	140025	17.844	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

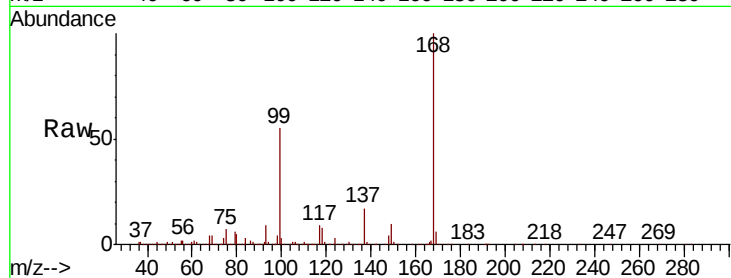
BFB

Tot Ion:168 Resp: 504192

Ion Ratio Lower Upper

168 100

99 54.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

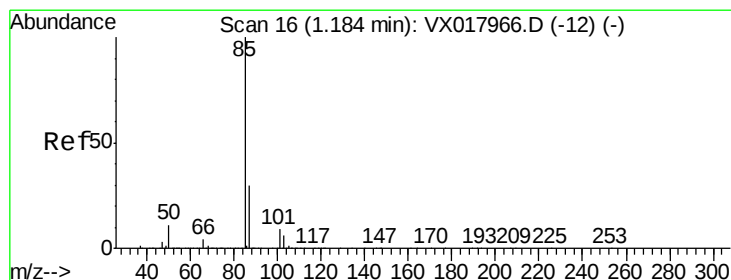
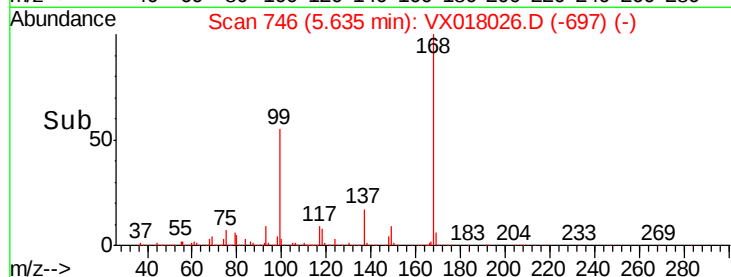
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.501 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018026.D

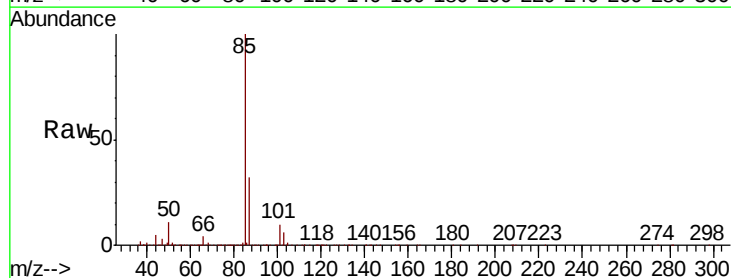
Acq: 20 Aug 2020 11:45

Tgt Ion: 85 Resp: 136111

Ion Ratio Lower Upper

85 100

87 32.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

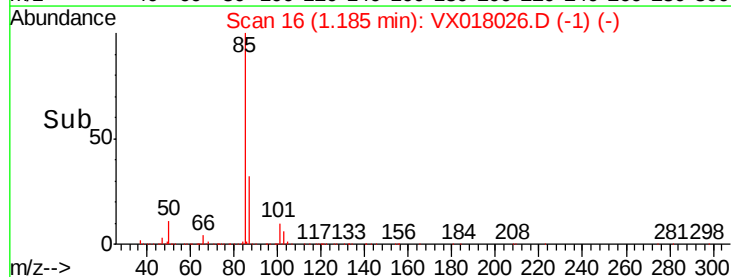
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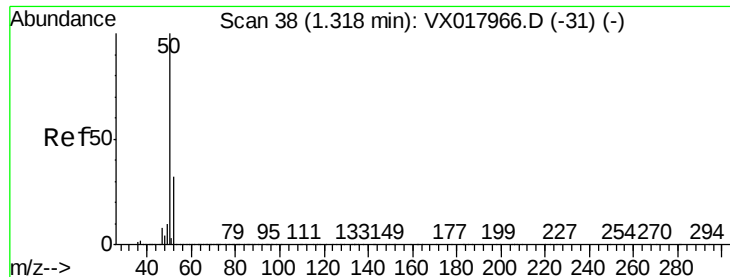
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.968 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

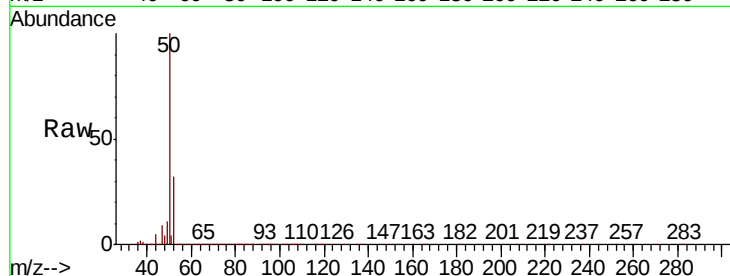
BFB

Tot Ion: 50 Resp: 116994

Ion Ratio Lower Upper

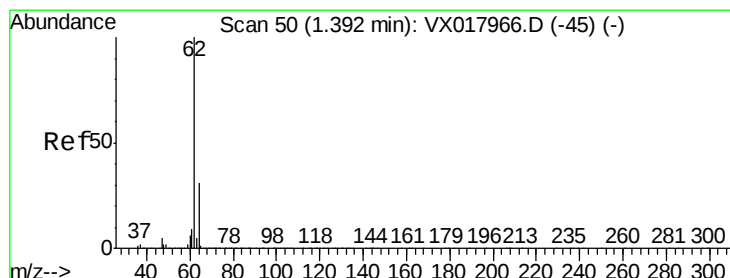
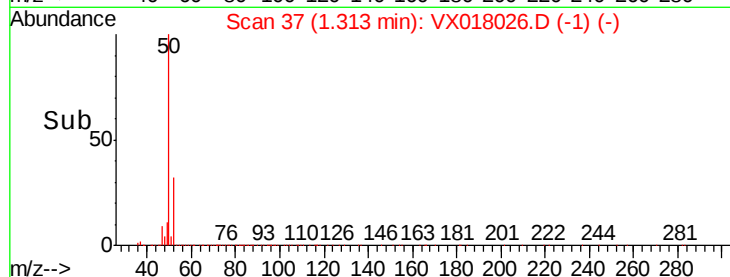
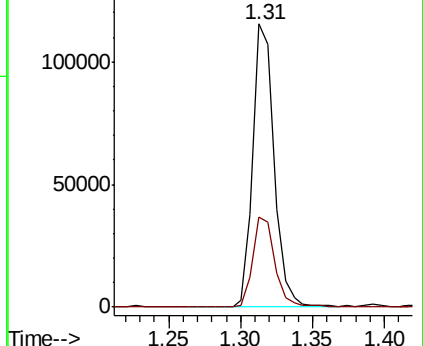
50 100

52 31.7 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.955 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018026.D

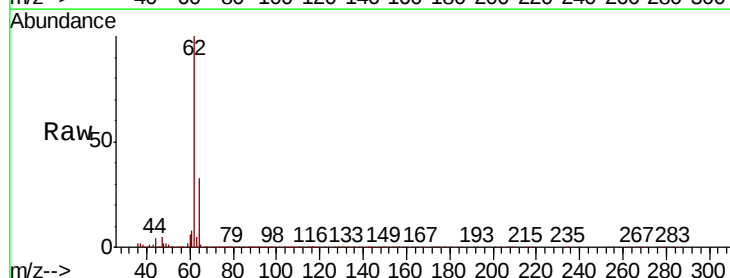
Acq: 20 Aug 2020 11:45

Tgt Ion: 62 Resp: 117349

Ion Ratio Lower Upper

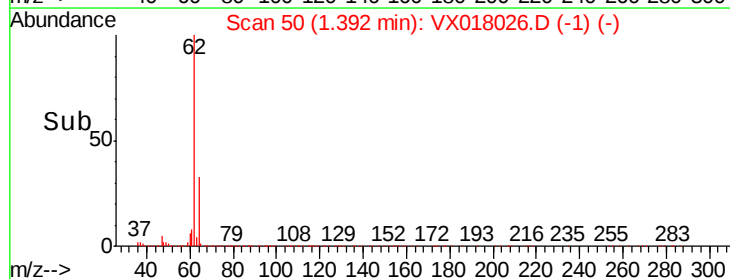
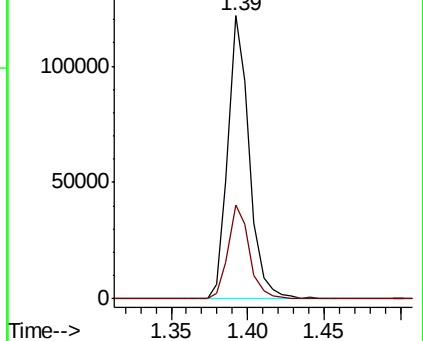
62 100

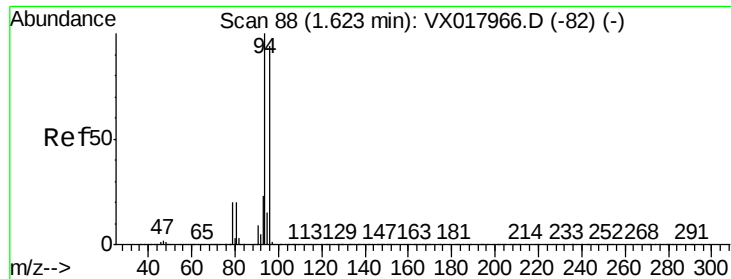
64 33.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.204 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

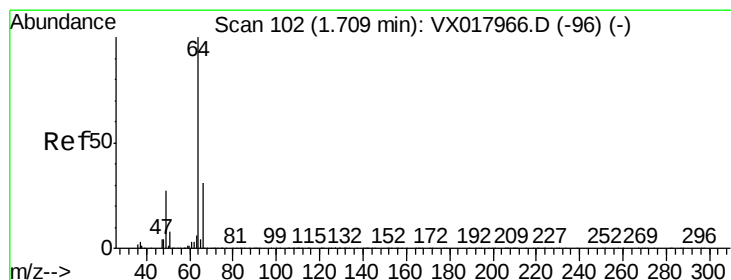
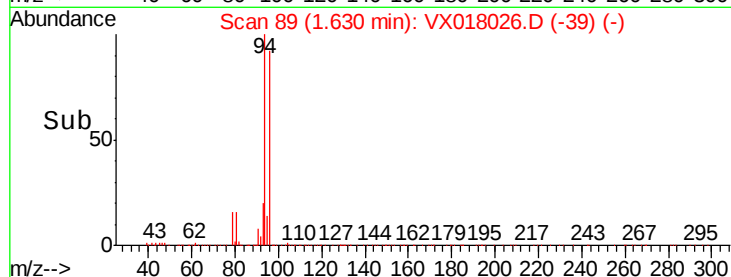
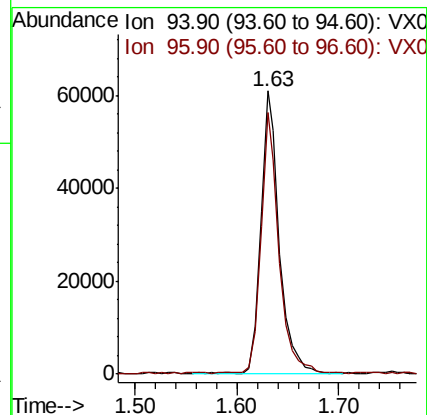
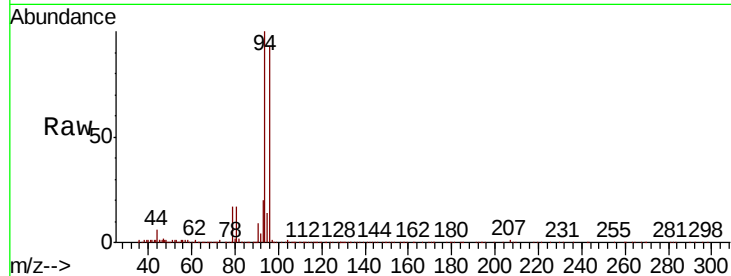
BFB

Tot Ion: 94 Resp: 77960

Ion Ratio Lower Upper

94 100

96 92.0 75.5 113.3



#6

Chloroethane

Concen: 17.936 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018026.D

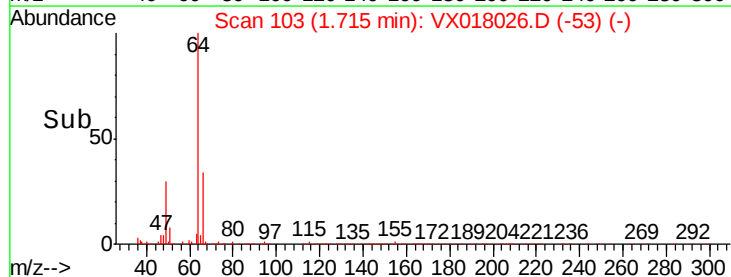
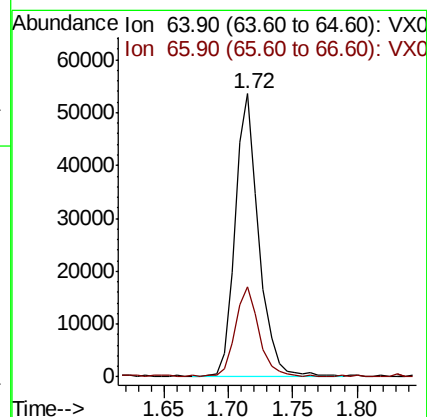
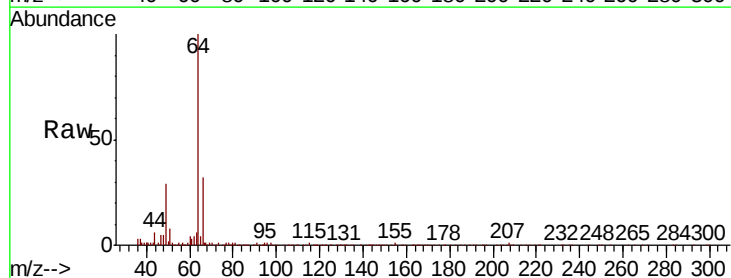
Acq: 20 Aug 2020 11:45

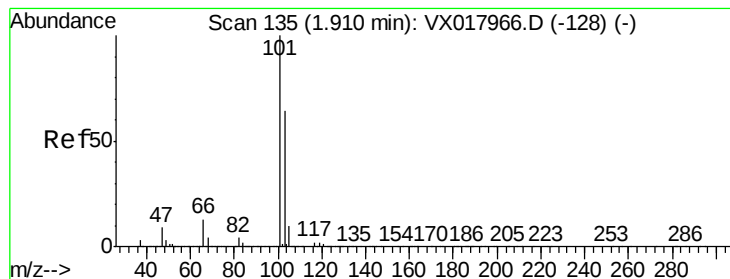
Tgt Ion: 64 Resp: 67823

Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4



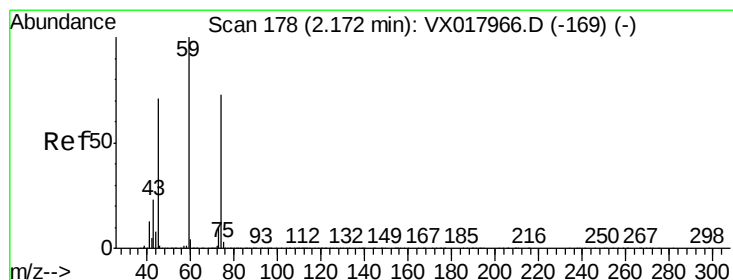
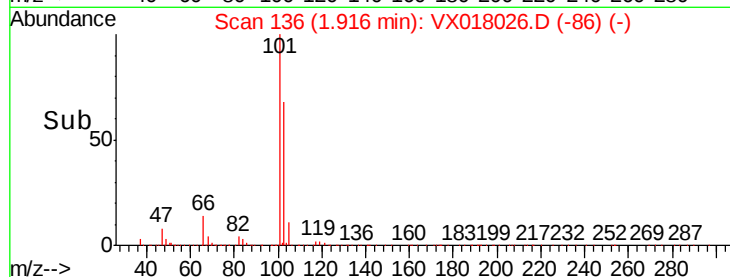
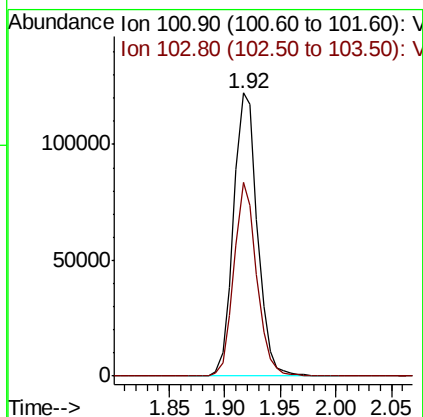
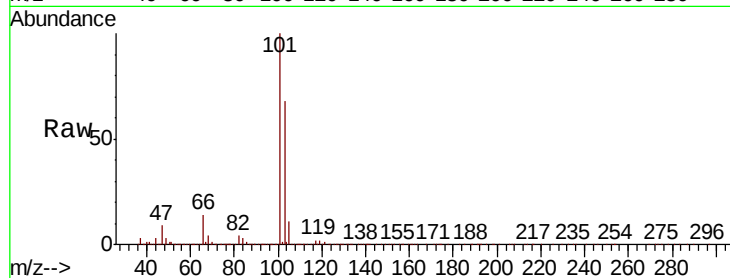


#7

Trichlorofluoromethane
 Concen: 17.241 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

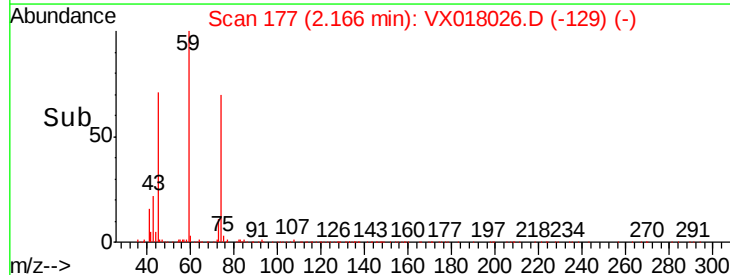
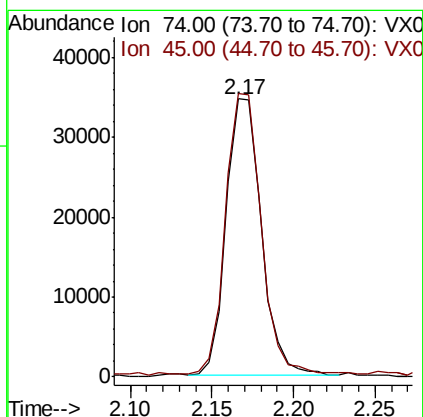
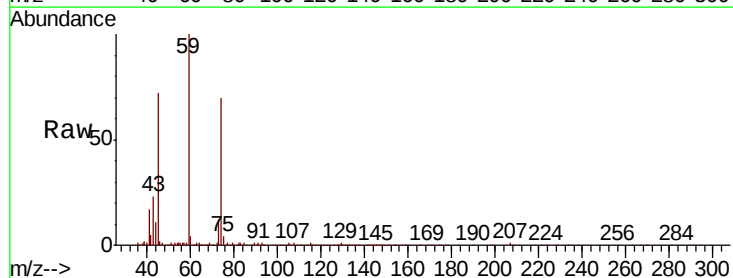
Tot Ion:101 Resp: 182037
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.2 76.8

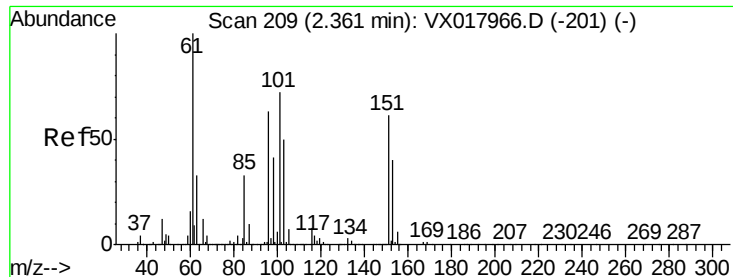


#8

Diethyl Ether
 Concen: 16.993 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion: 74 Resp: 52289
 Ion Ratio Lower Upper
 74 100
 45 100.7 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.221 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

BFB

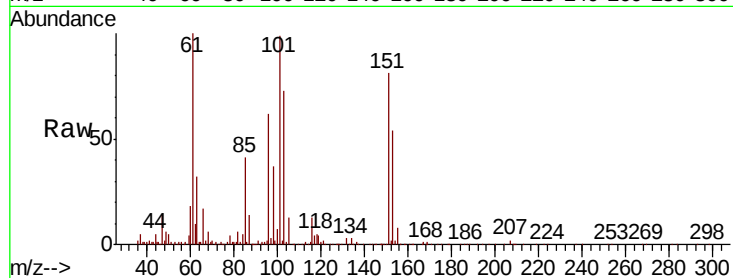
Tot Ion:101 Resp: 80548

Ion Ratio Lower Upper

101 100

85 43.2 35.4 53.2

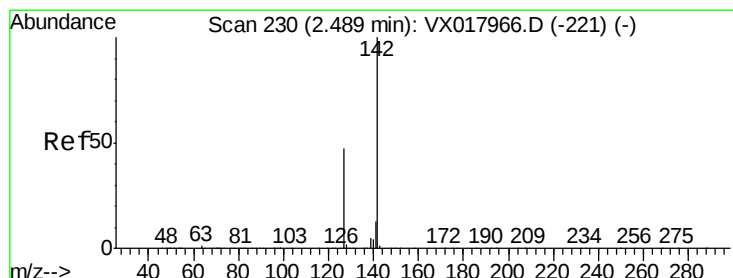
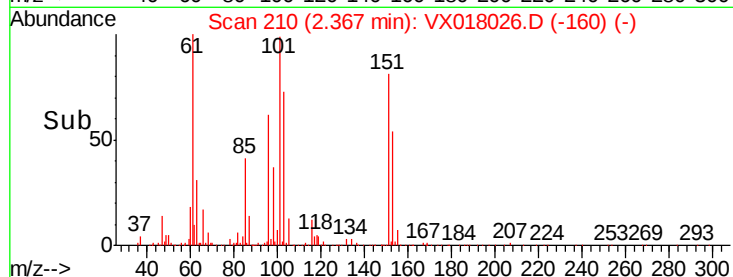
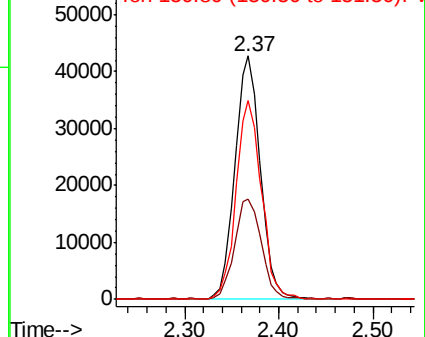
151 81.5 65.4 98.0



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: 11.667 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

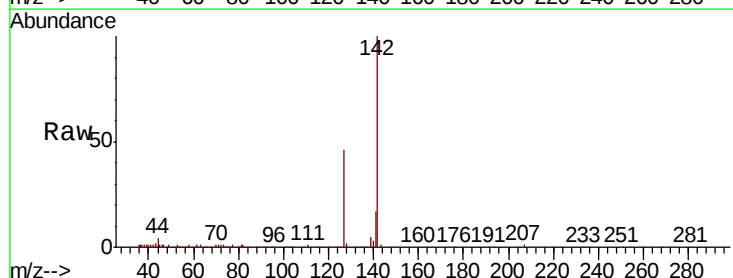
Tgt Ion:142 Resp: 74708

Ion Ratio Lower Upper

142 100

127 46.3 38.0 57.0

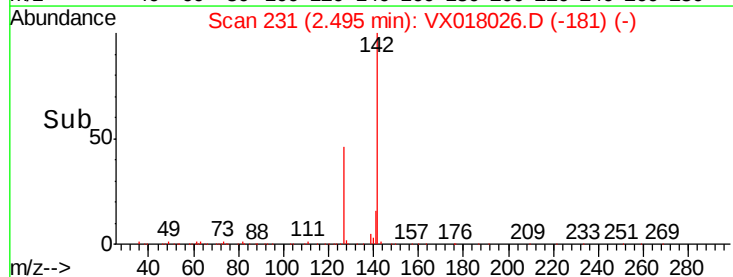
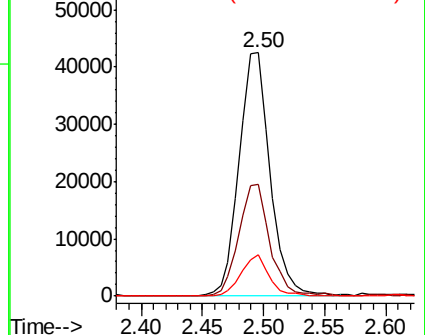
141 15.4 11.2 16.8

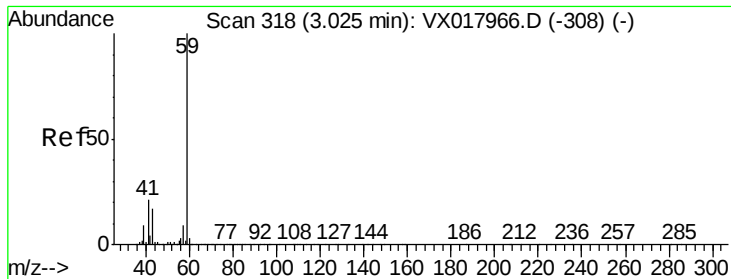


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

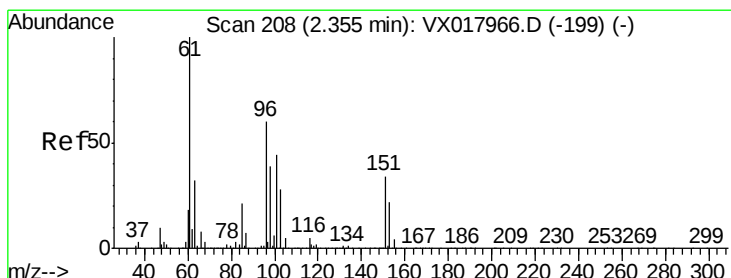
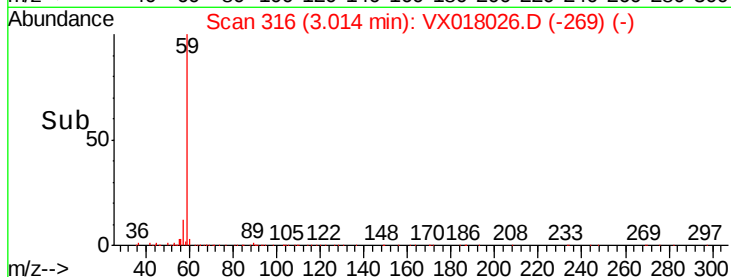
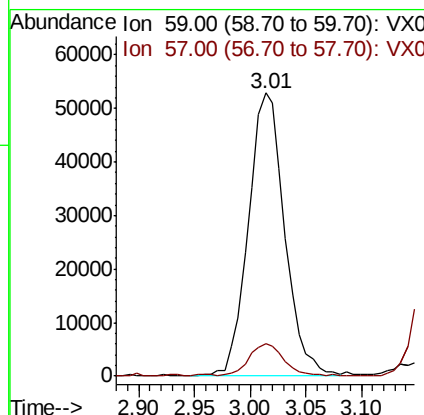
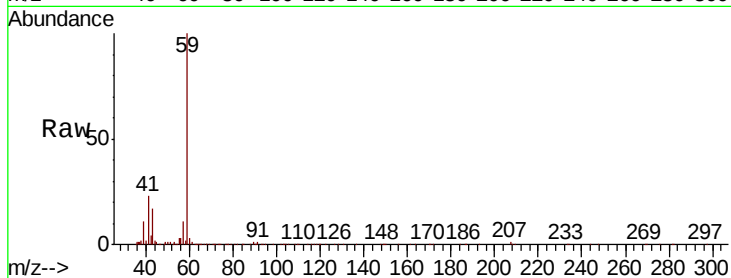




#11
Tert butyl alcohol
Concen: 84.124 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

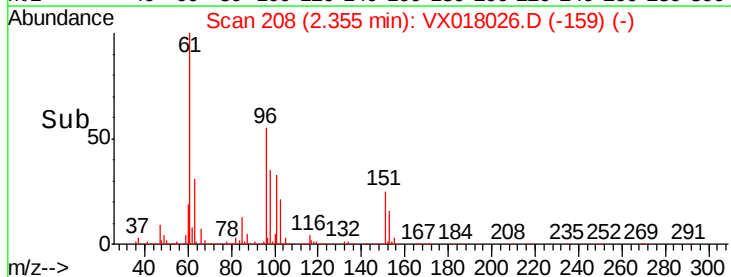
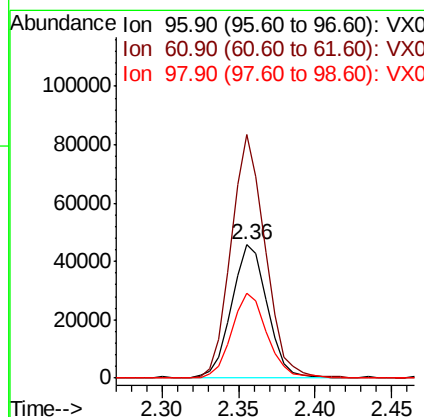
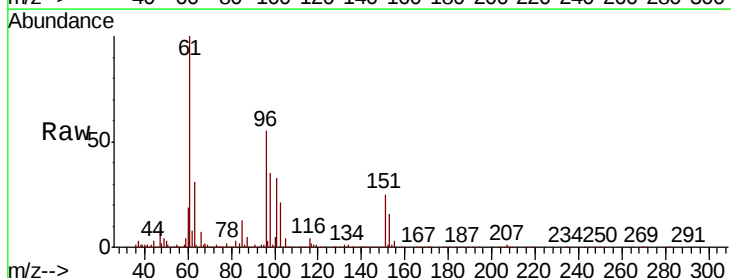
Instrument :
MSVOA_X
ClientSampled :
BFB

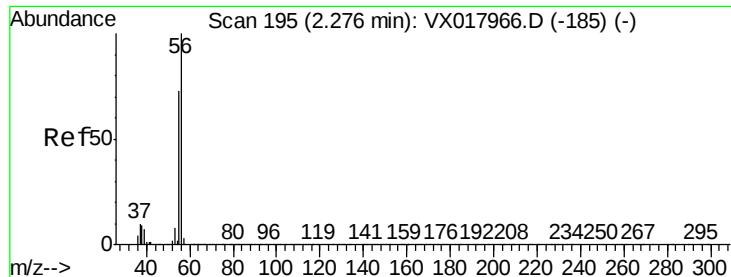
Tot Ion: 59 Resp: 120047
Ion Ratio Lower Upper
59 100
57 11.3 8.6 13.0



#12
1,1-Dichloroethene
Concen: 16.194 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 96 Resp: 73596
Ion Ratio Lower Upper
96 100
61 182.9 132.9 199.3
98 63.9 51.6 77.4





#13

Acrolein

Concen: 100.069 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

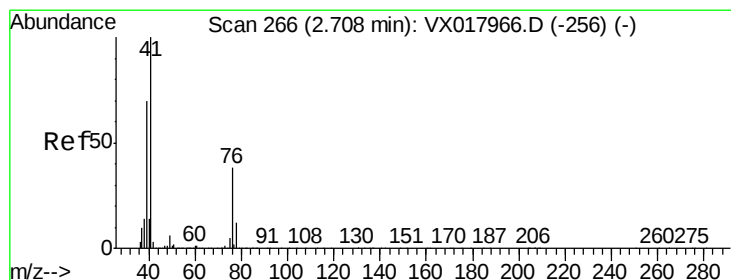
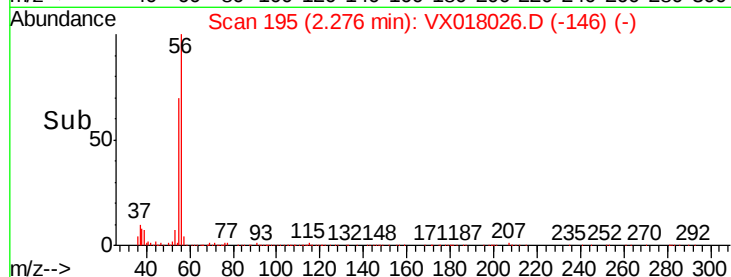
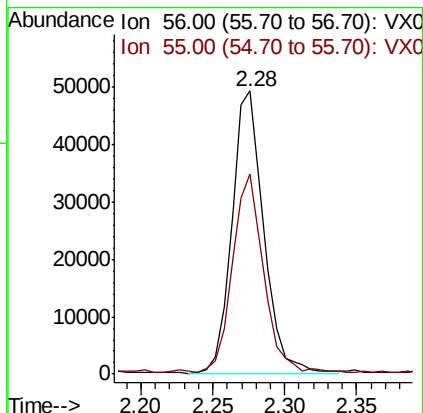
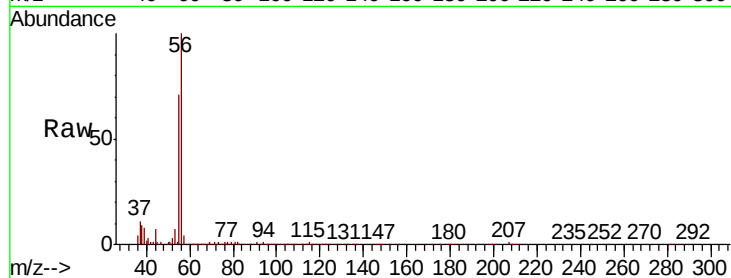
BFB

Tot Ion: 56 Resp: 75434

Ion Ratio Lower Upper

56 100

55 68.2 58.2 87.4



#14

Allyl chloride

Concen: 18.501 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

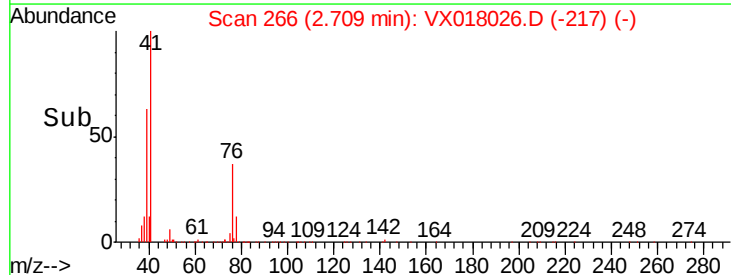
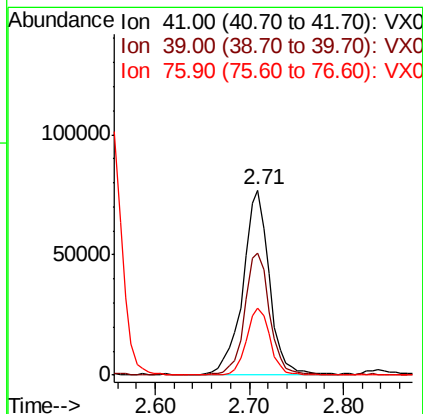
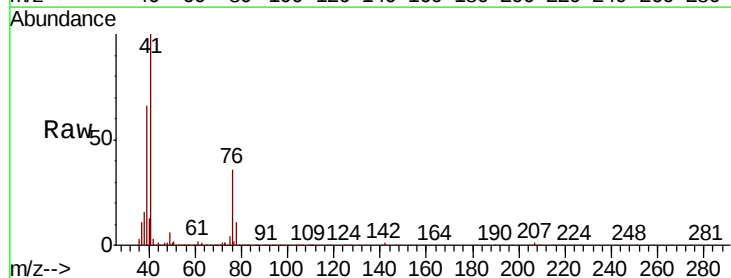
Tgt Ion: 41 Resp: 149953

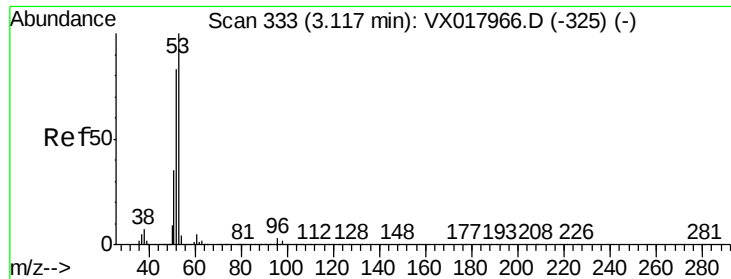
Ion Ratio Lower Upper

41 100

39 63.2 51.7 77.5

76 32.9 26.3 39.5

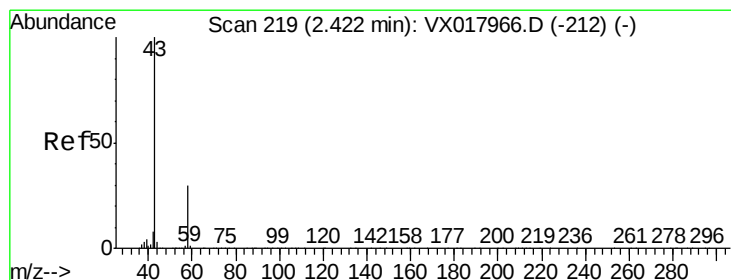
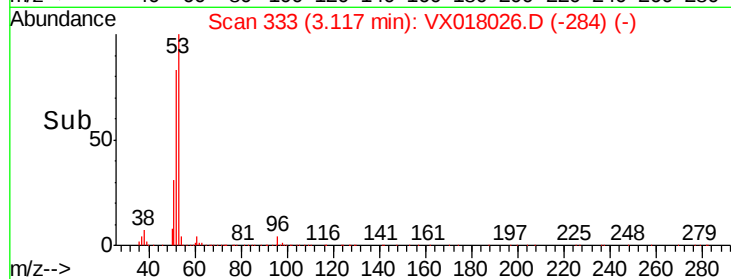
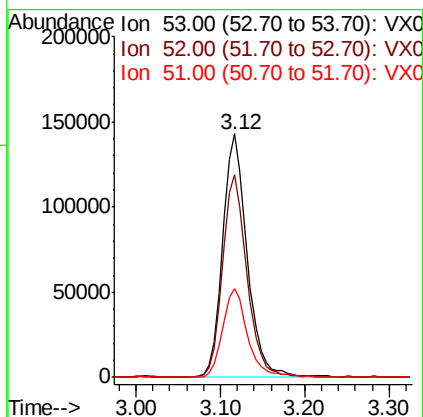
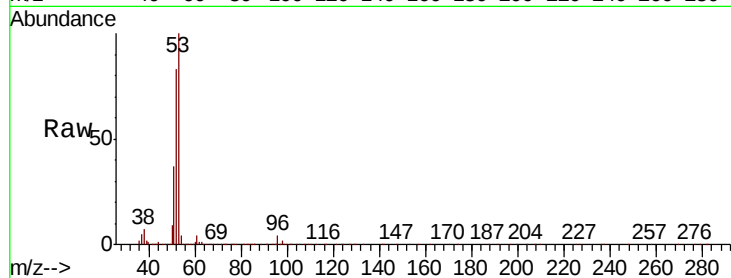




#15
 Acrylonitrile
 Concen: 91.874 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

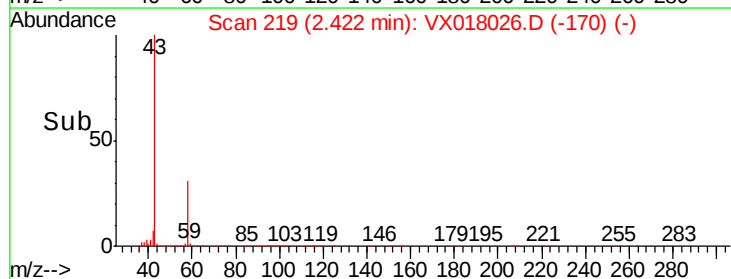
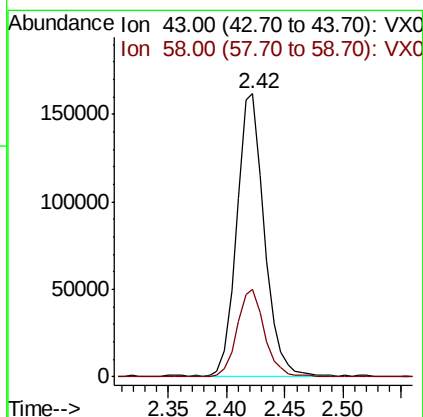
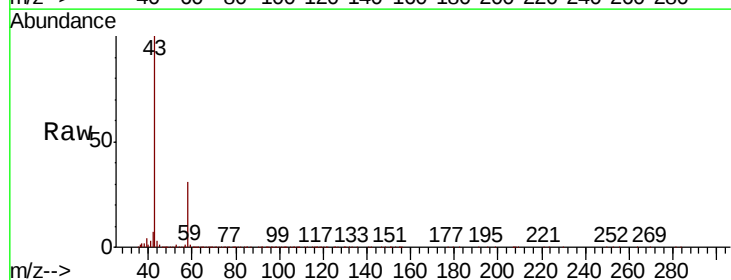
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

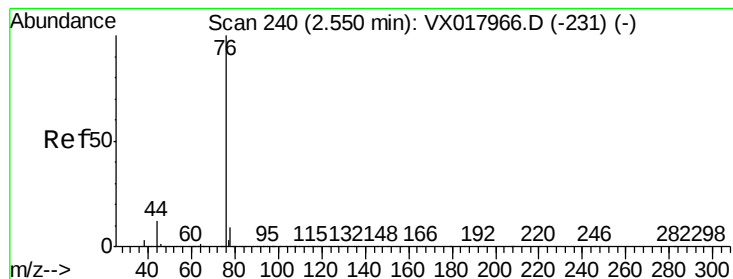
Tot Ion: 53 Resp: 286322
 Ion Ratio Lower Upper
 53 100
 52 82.3 67.1 100.7
 51 36.9 29.2 43.8



#16
 Acetone
 Concen: 91.180 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion: 43 Resp: 265126
 Ion Ratio Lower Upper
 43 100
 58 31.1 23.8 35.8





#17

Carbon Disulfide

Concen: 17.185 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

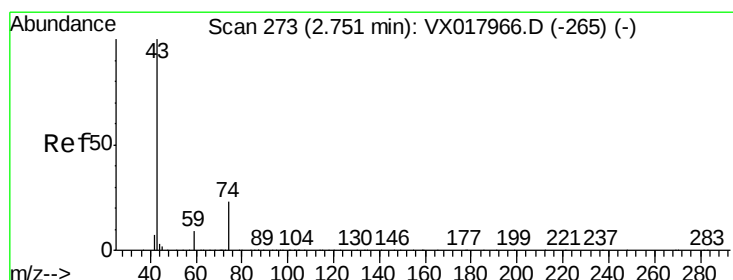
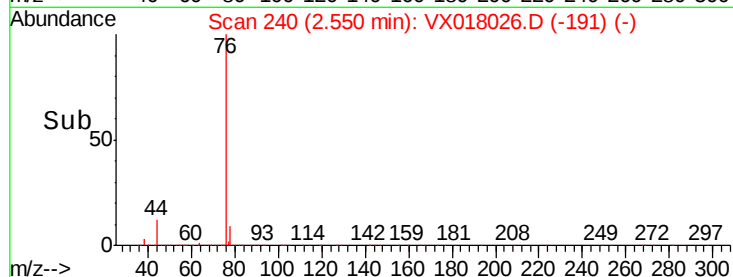
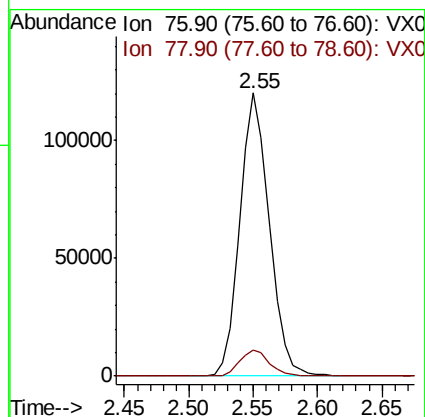
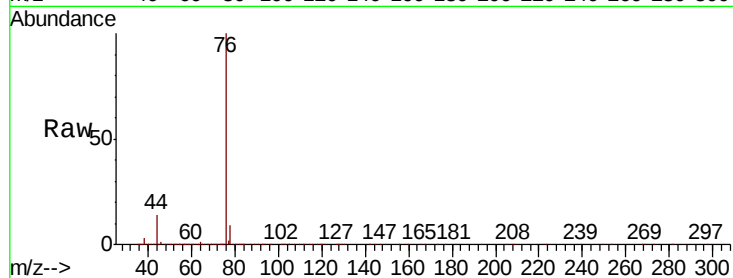
BFB

Tot Ion: 76 Resp: 189489

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 18.977 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018026.D

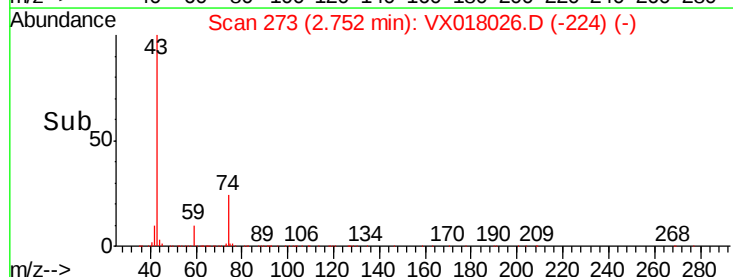
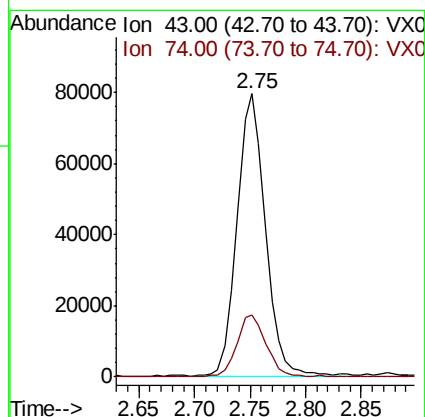
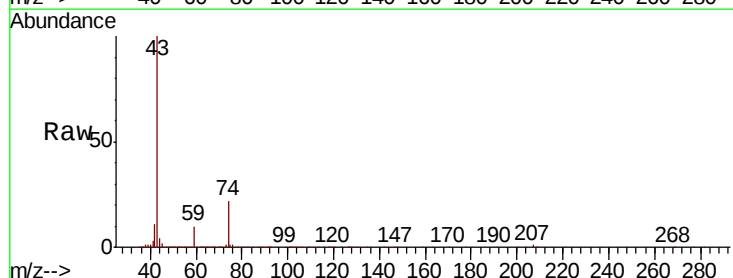
Acq: 20 Aug 2020 11:45

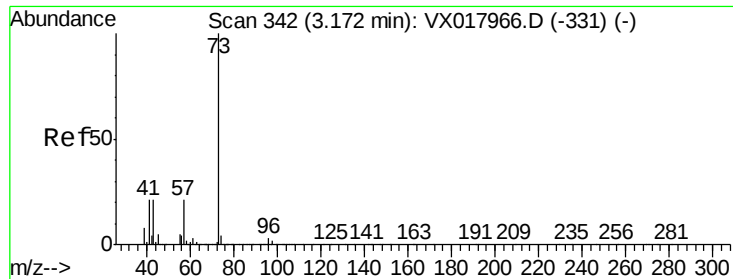
Tgt Ion: 43 Resp: 138853

Ion Ratio Lower Upper

43 100

74 23.3 19.7 29.5



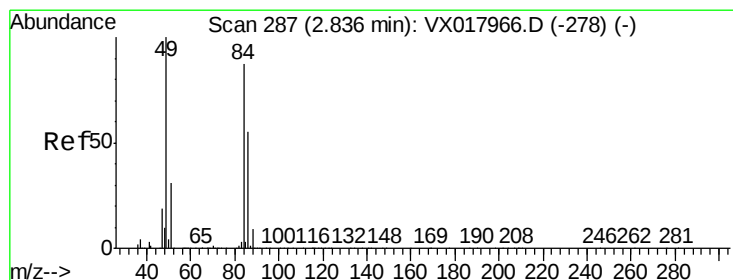
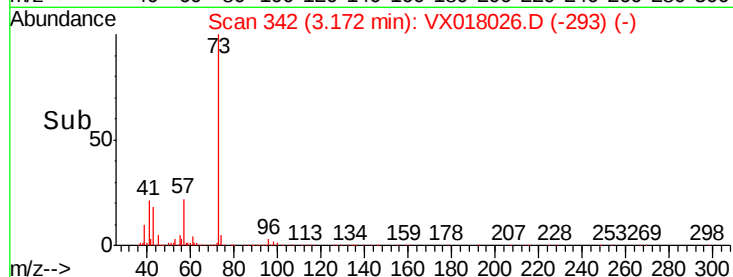
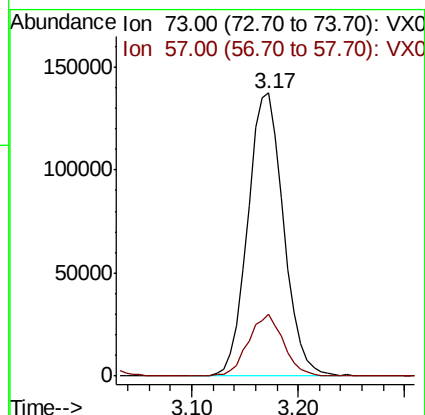
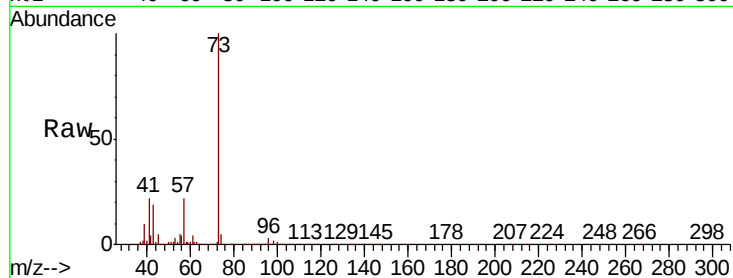


#19

Methyl tert-butyl Ether
 Concen: 18.612 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

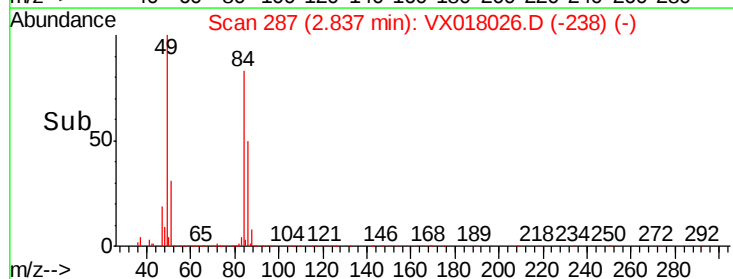
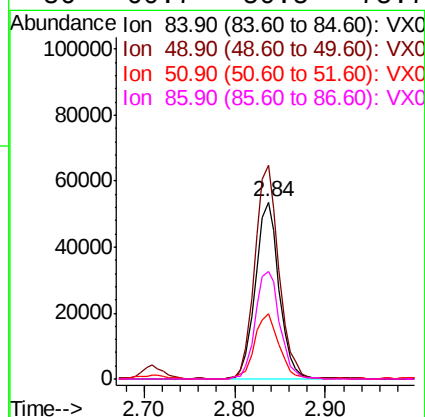
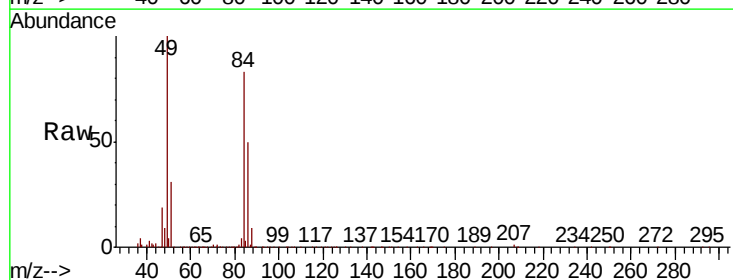
Tot Ion: 73 Resp: 323383
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.9 25.3

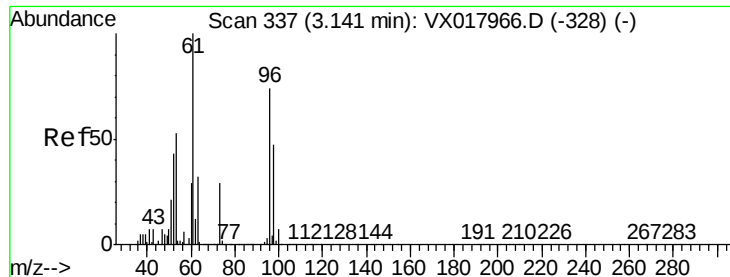


#20

Methylene Chloride
 Concen: 18.170 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion: 84 Resp: 97343
 Ion Ratio Lower Upper
 84 100
 49 120.7 91.8 137.6
 51 36.7 27.8 41.8
 86 60.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.508 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

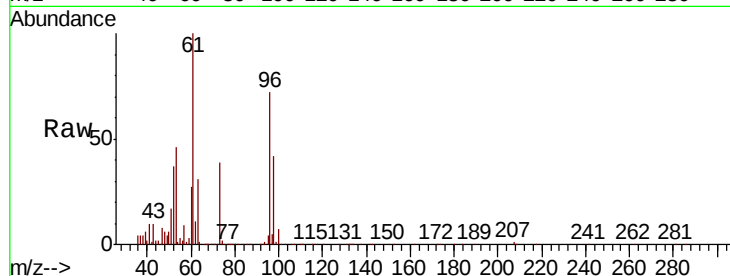
Tot Ion: 96 Resp: 81798

Ion Ratio Lower Upper

96 100

61 139.5 108.6 163.0

98 58.4 51.4 77.0

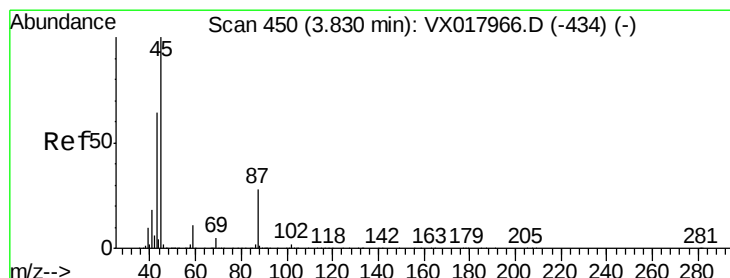
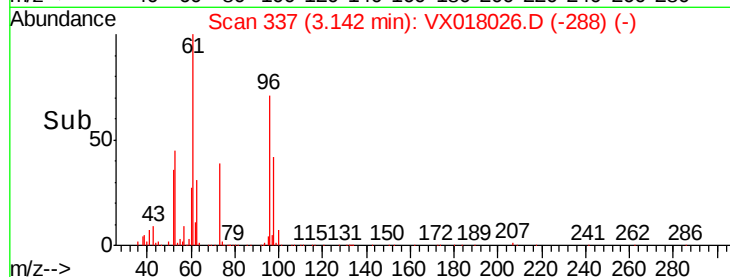
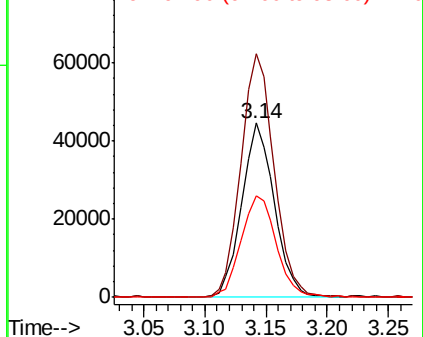


Abundance

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



#22

Diisopropyl ether

Concen: 19.265 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion: 45 Resp: 327338

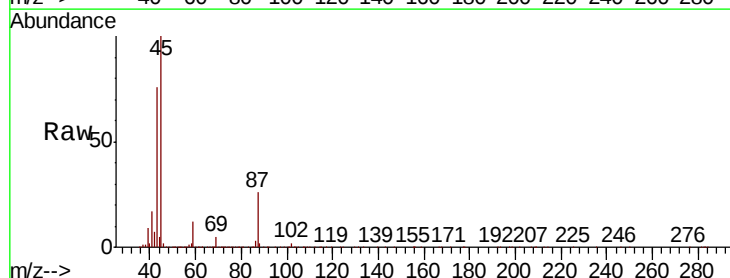
Ion Ratio Lower Upper

45 100

43 75.3 51.5 77.3

87 26.4 22.6 33.8

59 12.3 9.0 13.4



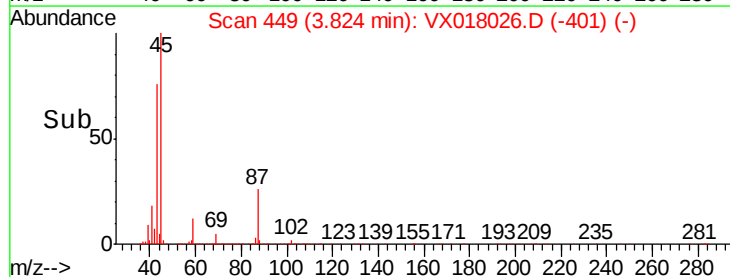
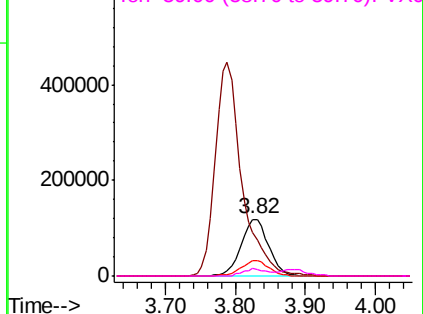
Abundance

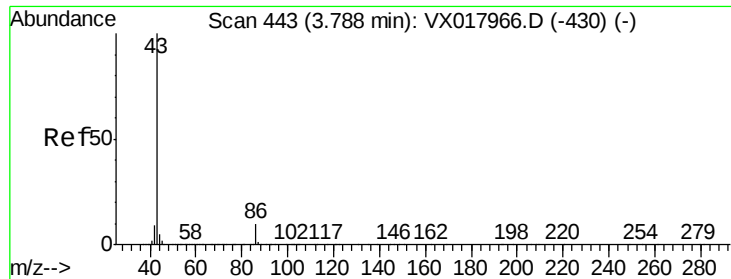
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.449 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

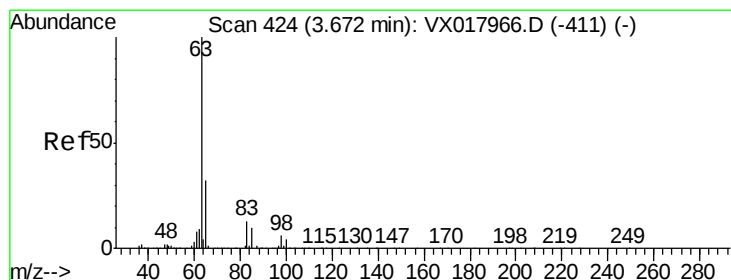
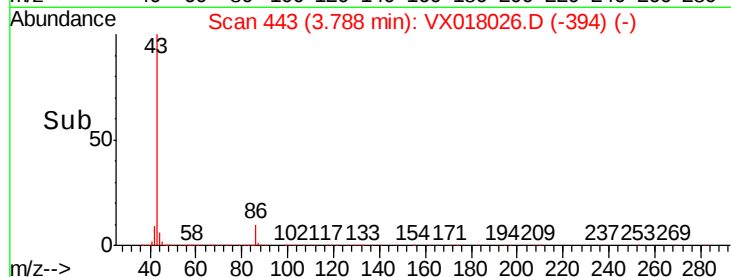
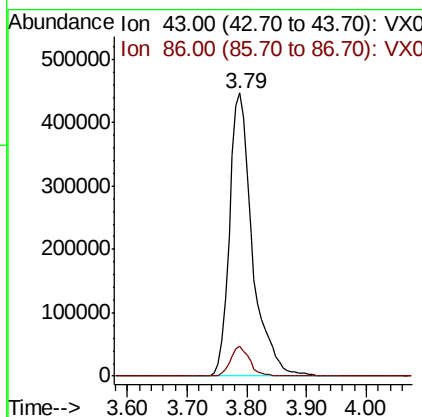
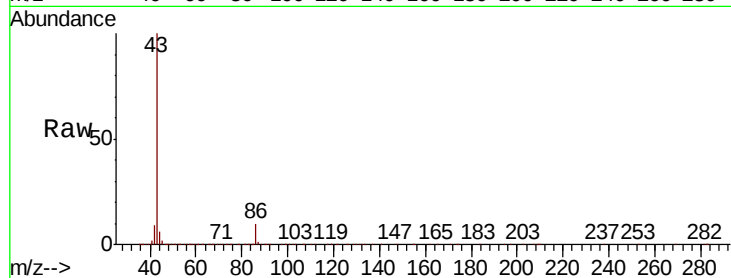
BFB

Tot Ion: 43 Resp: 1187411

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1



#24

1,1-Dichloroethane

Concen: 18.171 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

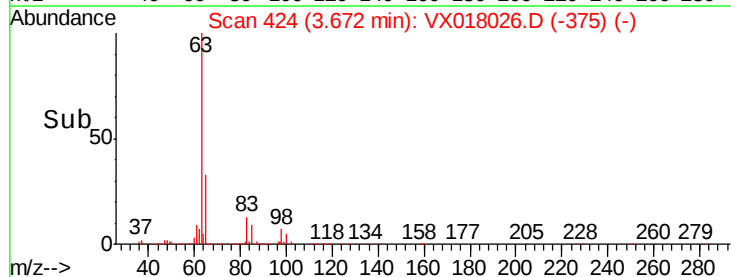
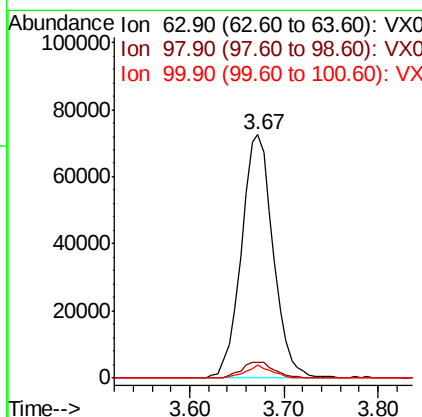
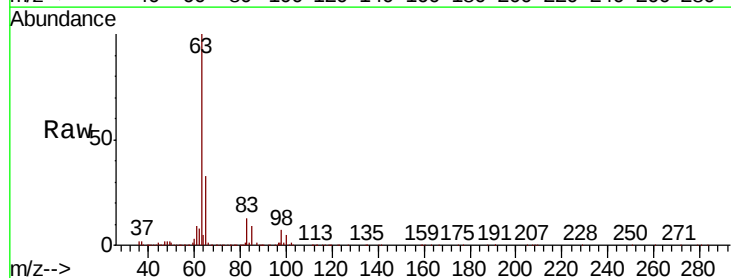
Tgt Ion: 63 Resp: 171154

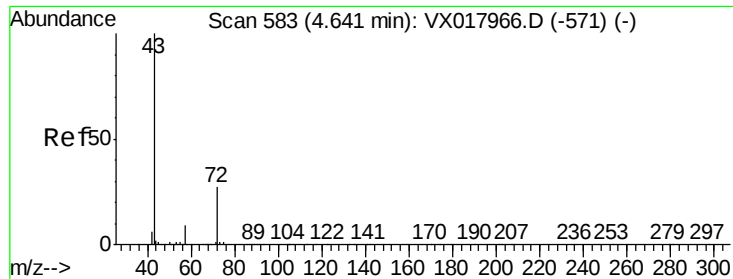
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 5.3 2.0 5.8

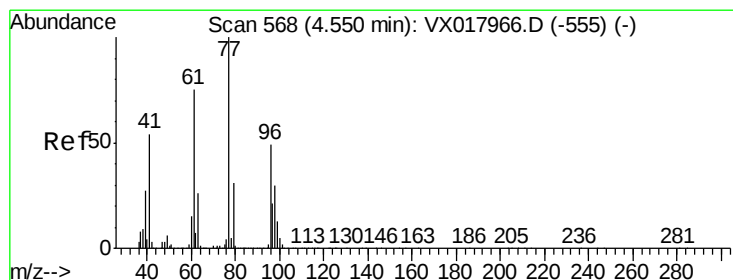
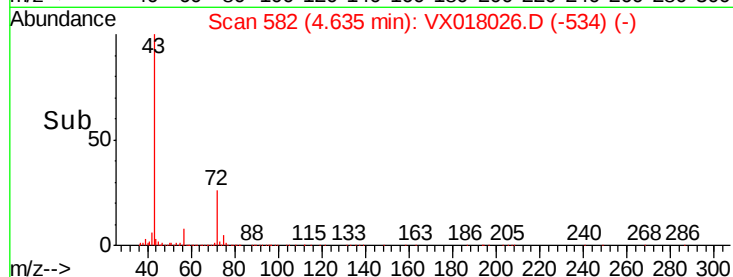
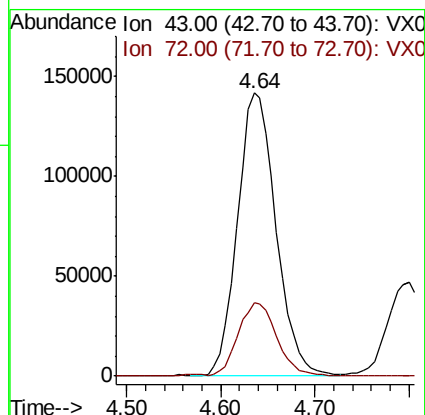
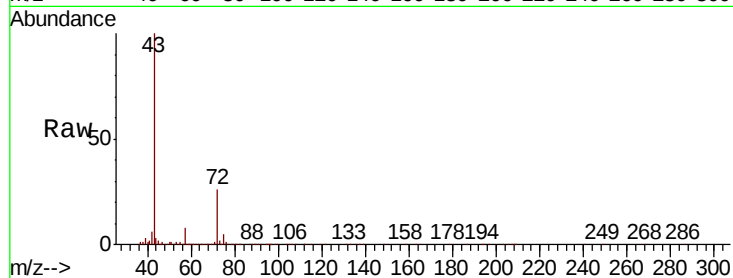




#25
2-Butanone
Concen: 91.364 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

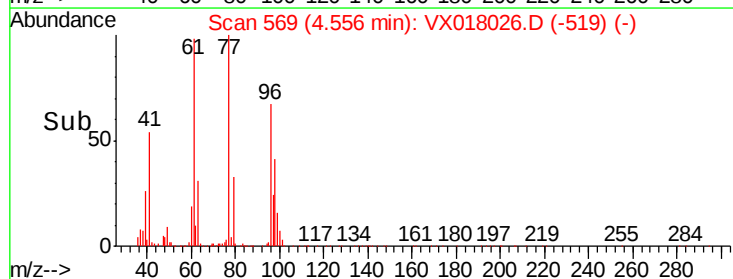
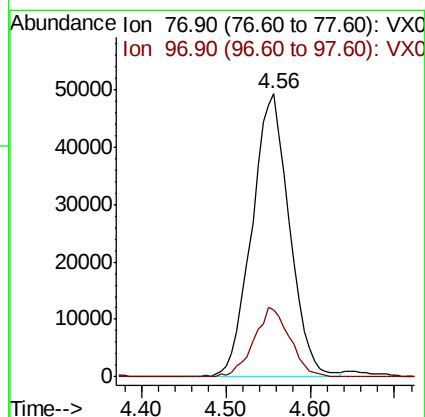
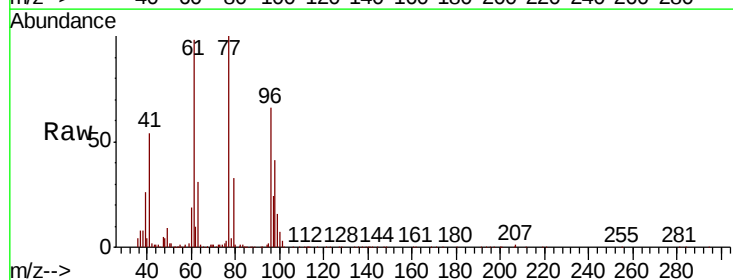
Instrument :
MSVOA_X
ClientSampleId :
BFB

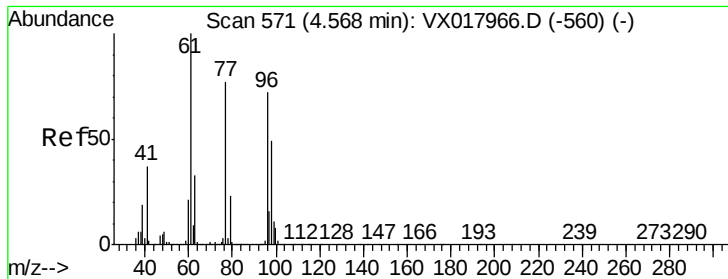
Tot Ion: 43 Resp: 402193
Ion Ratio Lower Upper
43 100
72 25.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 17.578 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 77 Resp: 150766
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.9



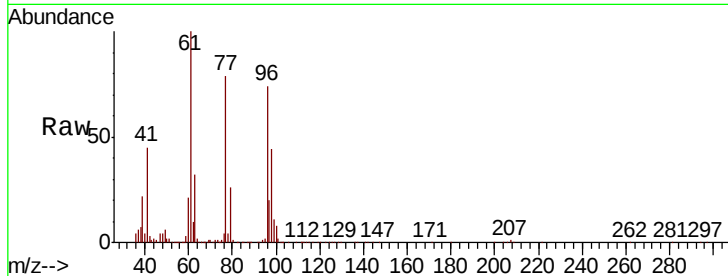


#27

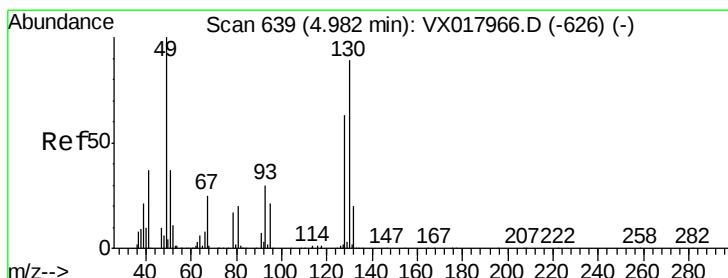
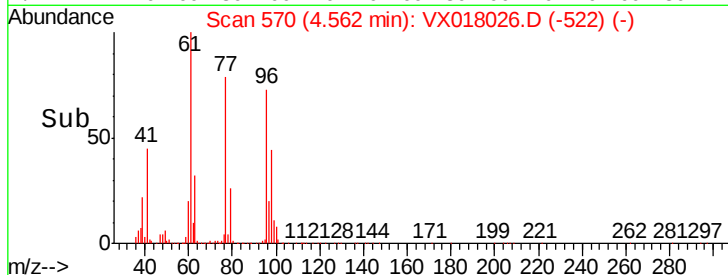
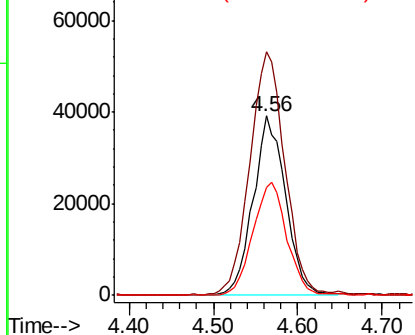
cis-1,2-Dichloroethene
 Concen: 18.709 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	298.8
98	65.6	0.0	130.2



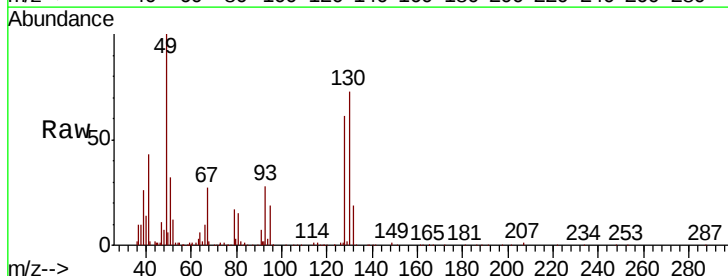
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



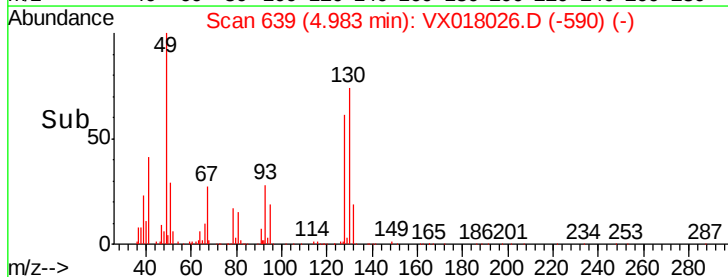
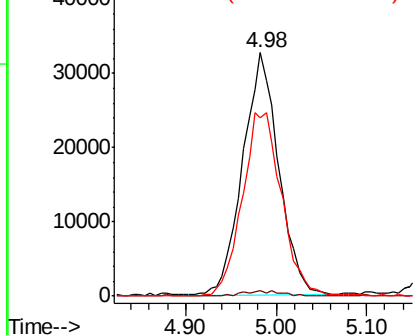
#28

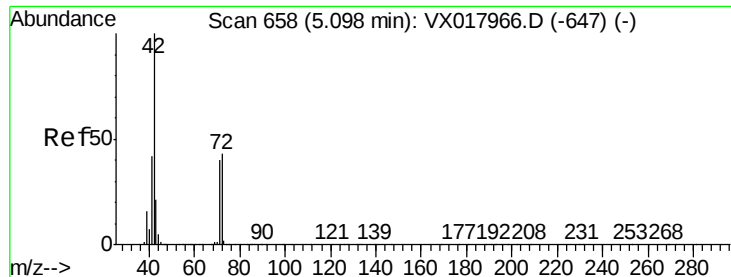
Bromochloromethane
 Concen: 18.466 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	82.7	68.5	102.7



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

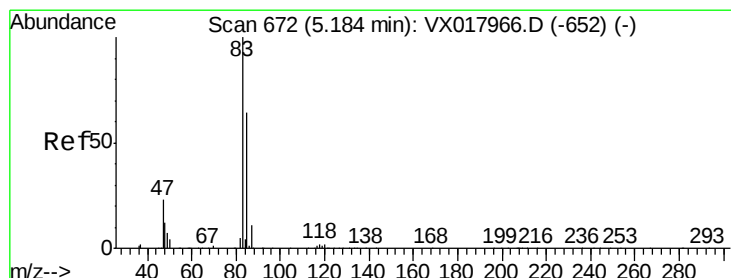
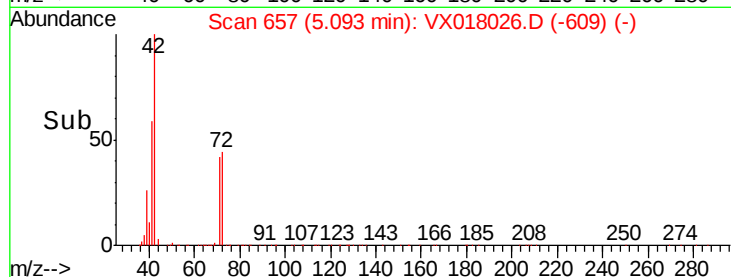
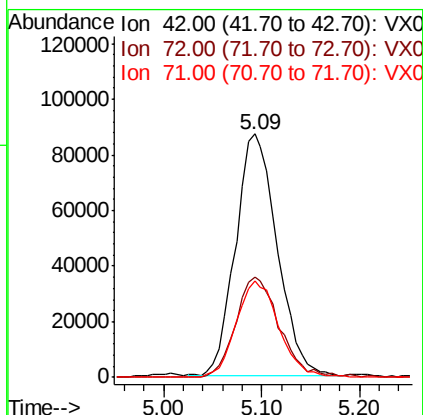
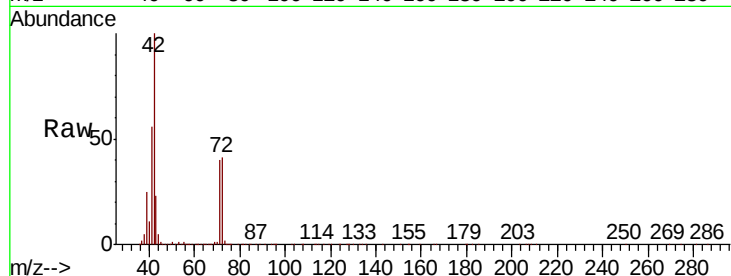




#29
Tetrahydrofuran
Concen: 93.527 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

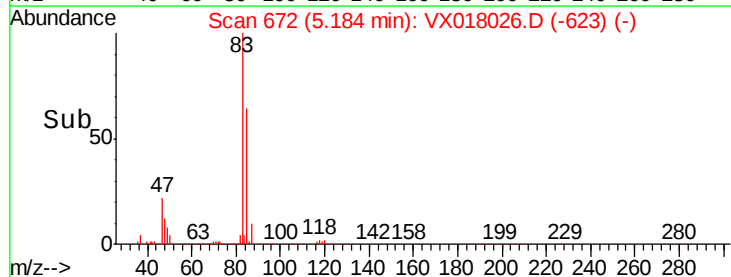
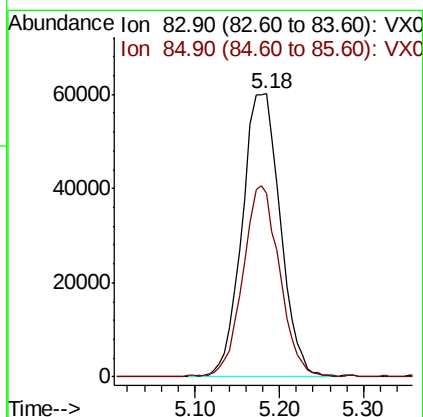
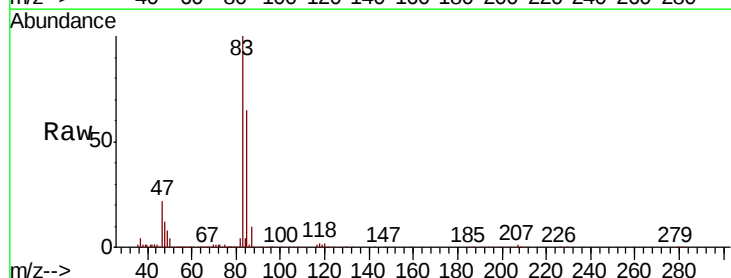
Instrument :
MSVOA_X
ClientSampleId :
BFB

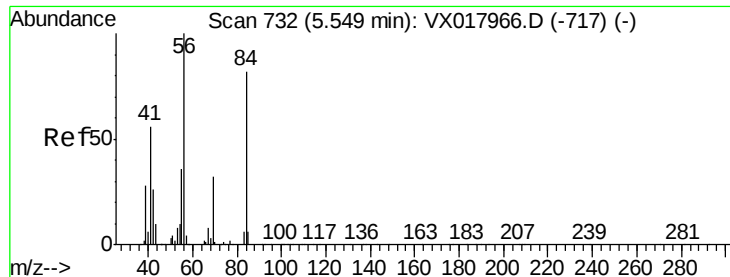
Tot Ion: 42 Resp: 255700
Ion Ratio Lower Upper
42 100
72 43.9 35.9 53.9
71 41.3 33.0 49.4



#30
Chloroform
Concen: 18.043 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 83 Resp: 185754
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9





#31

Cyclohexane

Concen: 18.852 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

BFB

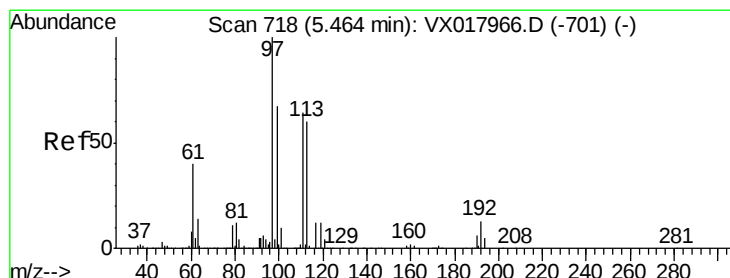
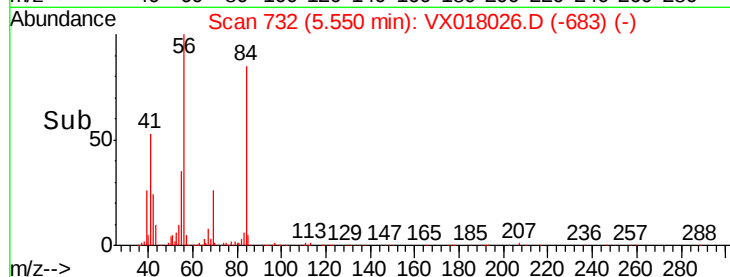
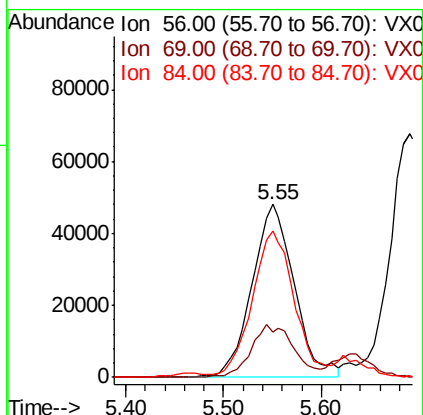
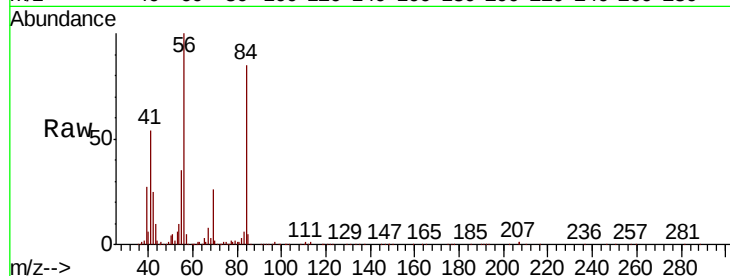
Tot Ion: 56 Resp: 143989

Ion Ratio Lower Upper

56 100

69 26.0 25.3 37.9

84 82.6 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 17.493 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

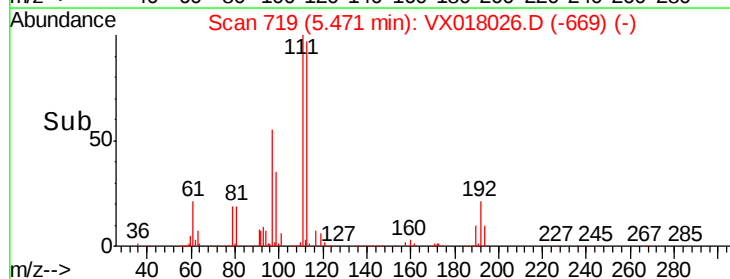
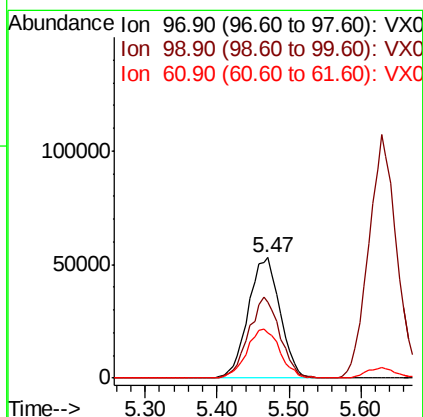
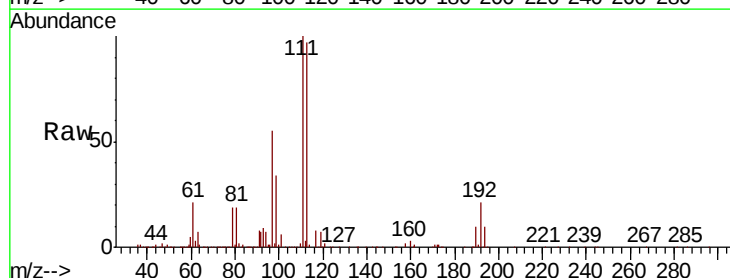
Tgt Ion: 97 Resp: 163371

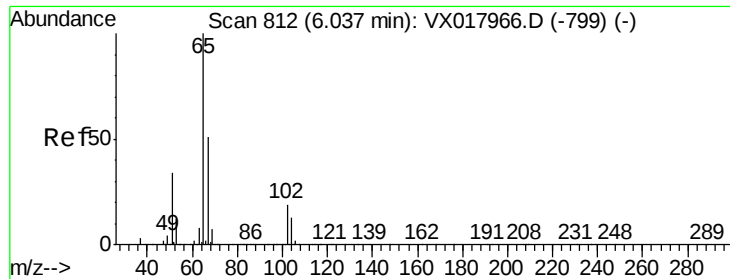
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 42.3 33.7 50.5

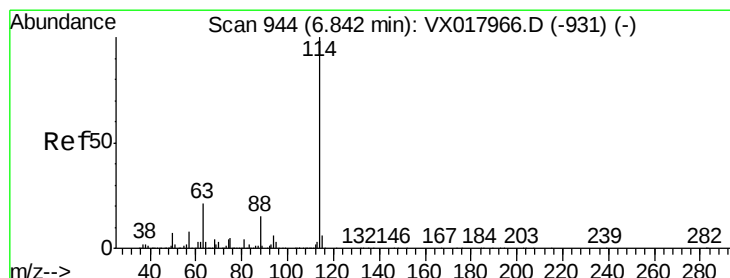
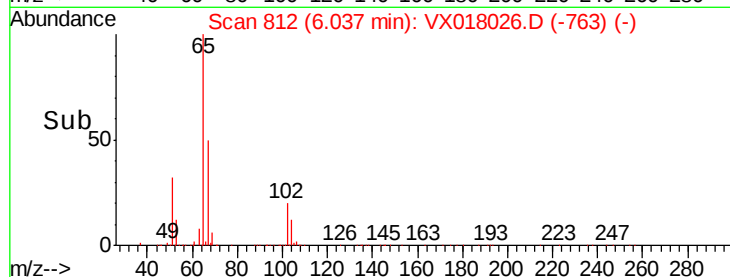
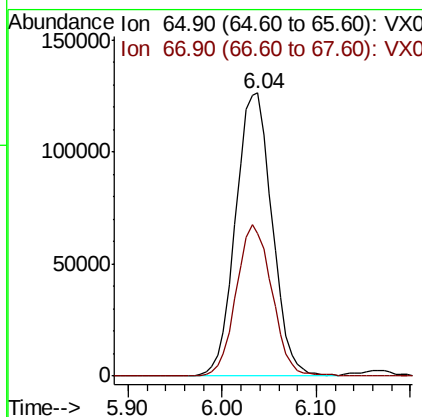
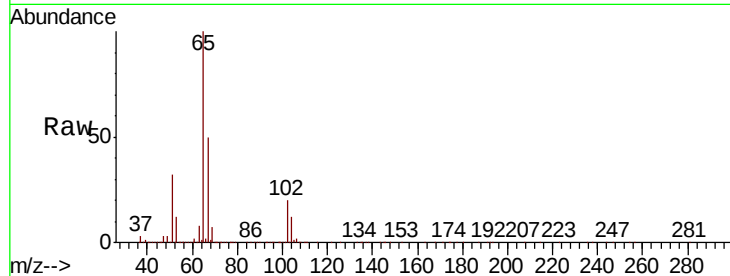




#33
 1,2-Dichloroethane-d4
 Concen: 45.902 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

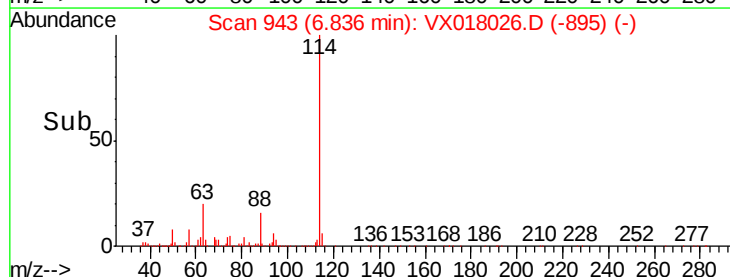
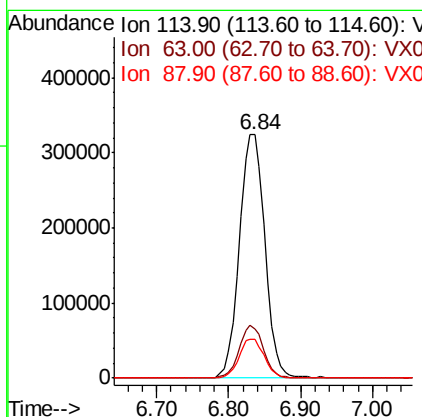
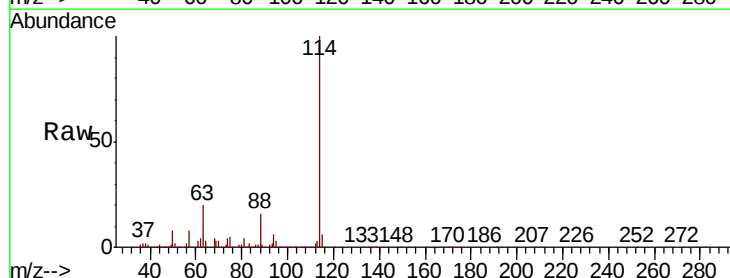
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

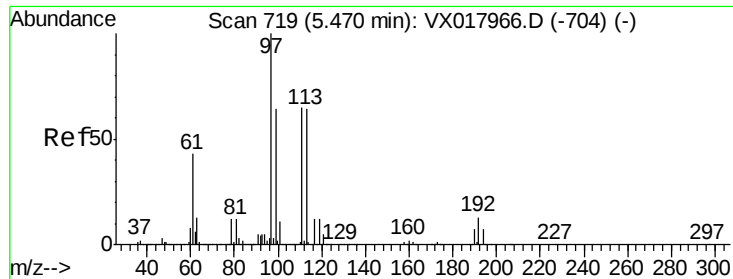
Tot Ion: 65 Resp: 339267
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion: 114 Resp: 796557
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.6
 88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 45.839 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

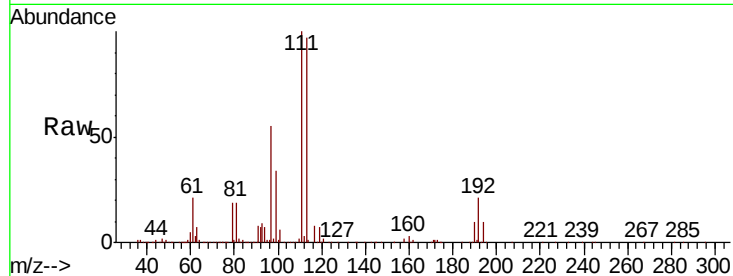
Tot Ion:113 Resp: 271909

Ion Ratio Lower Upper

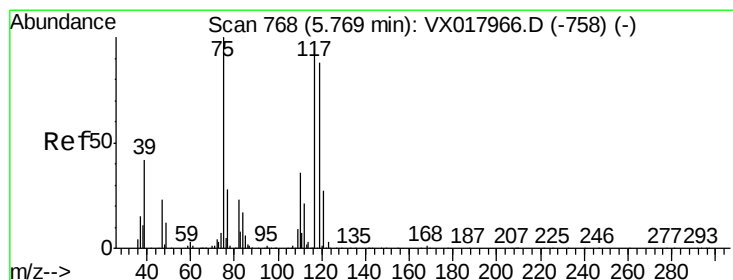
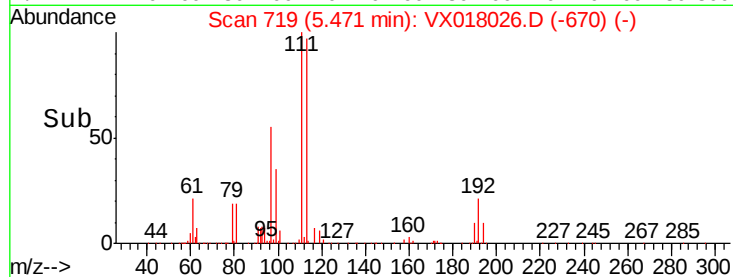
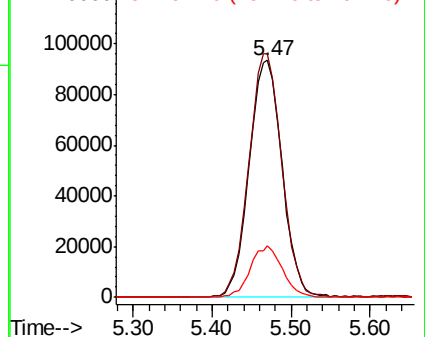
113 100

111 102.5 83.5 125.3

192 21.0 16.2 24.4



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: 17.768 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

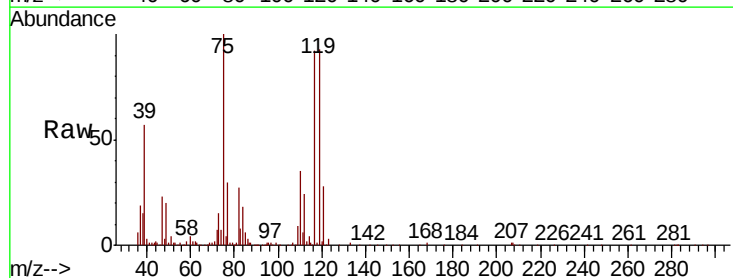
Tgt Ion: 75 Resp: 118463

Ion Ratio Lower Upper

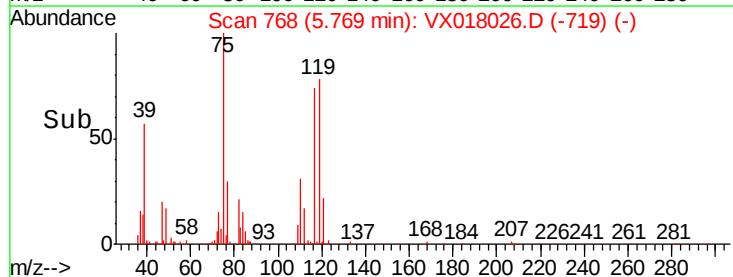
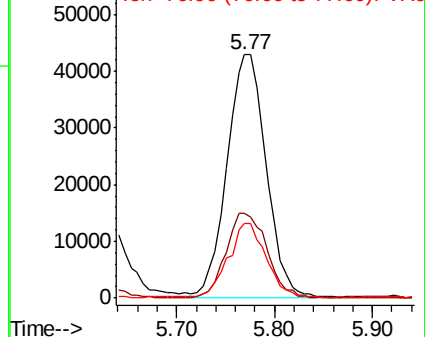
75 100

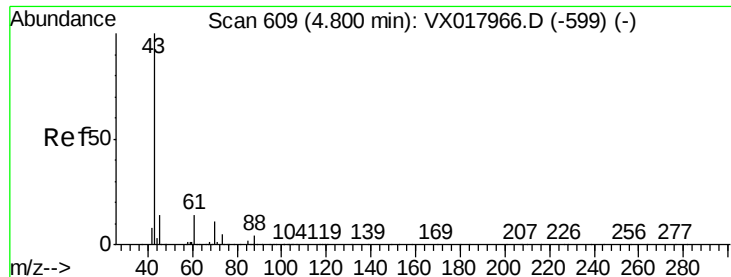
110 37.0 18.7 56.1

77 29.6 24.4 36.6



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

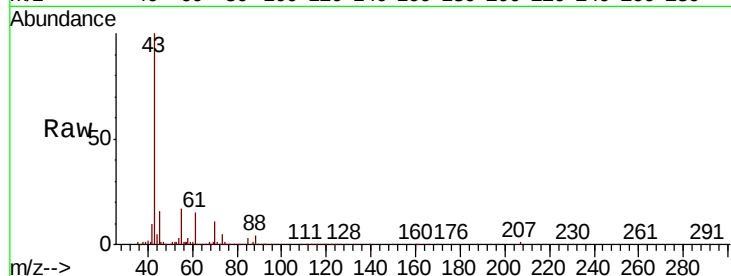




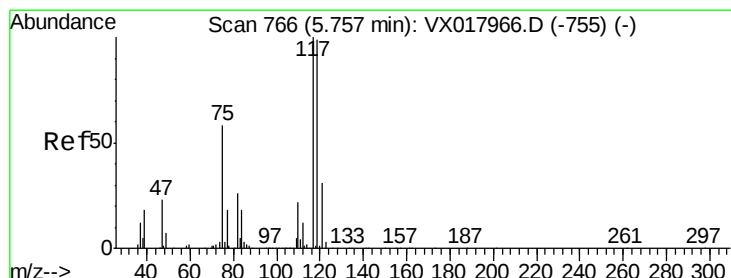
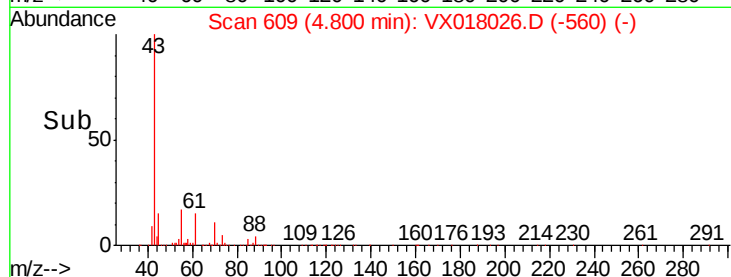
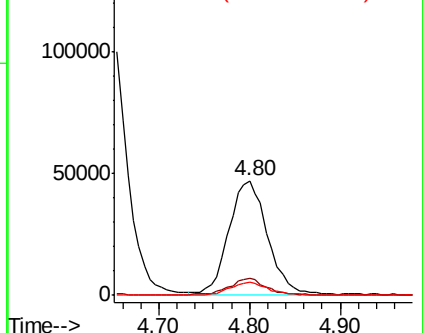
#37
Ethyl Acetate
Concen: 17.280 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion: 43 Resp: 137842
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 11.5 8.5 12.7

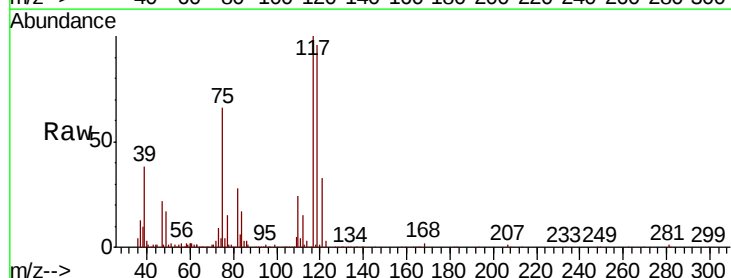


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

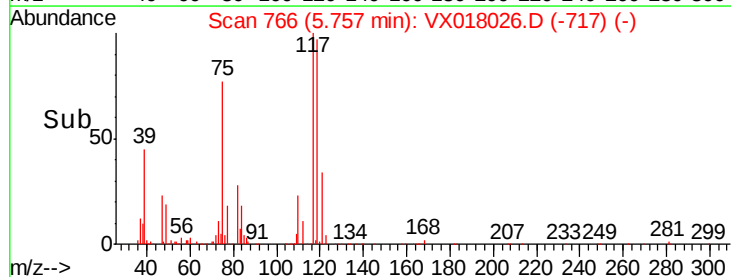
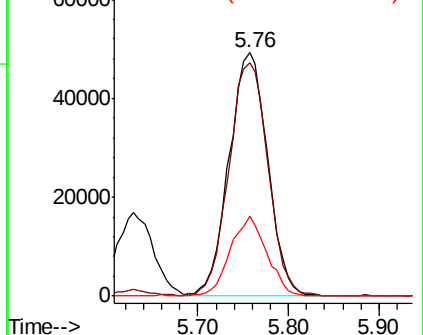


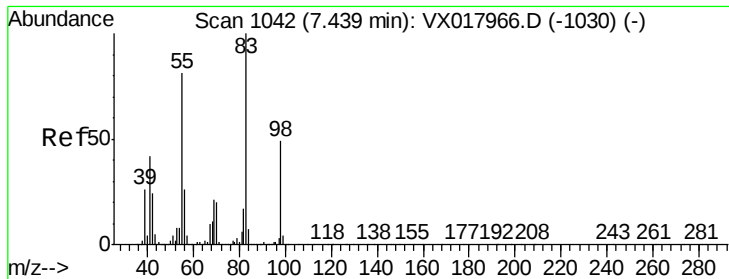
#38
Carbon Tetrachloride
Concen: 16.873 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 117 Resp: 145598
Ion Ratio Lower Upper
117 100
119 95.6 79.0 118.6
121 32.9 24.7 37.1



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

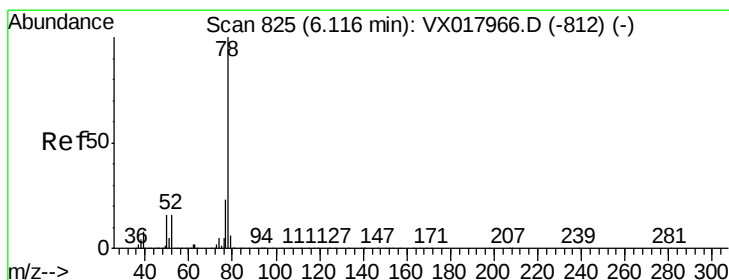
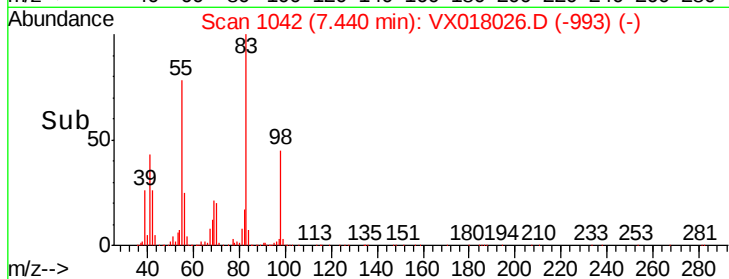
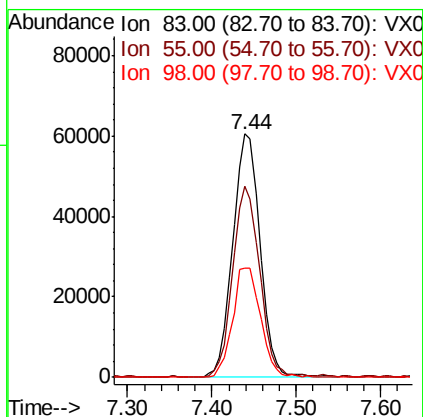
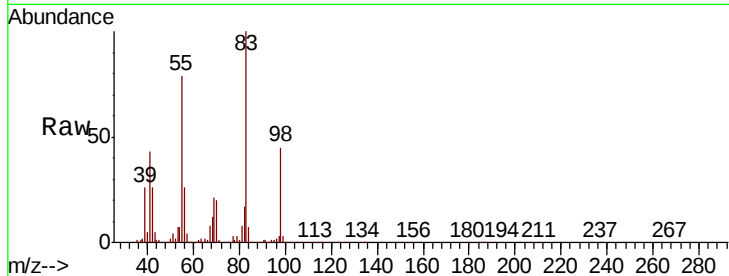




#39
Methvlcvclohexane
Concen: 16.047 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

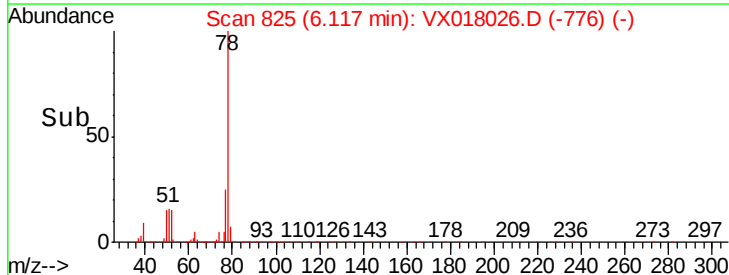
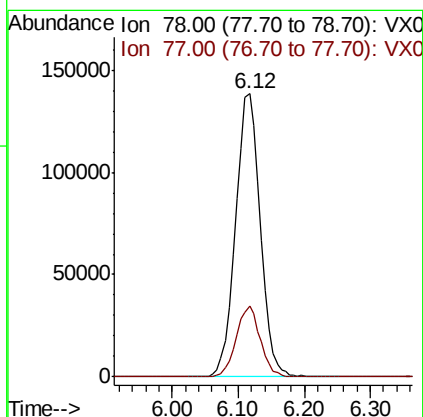
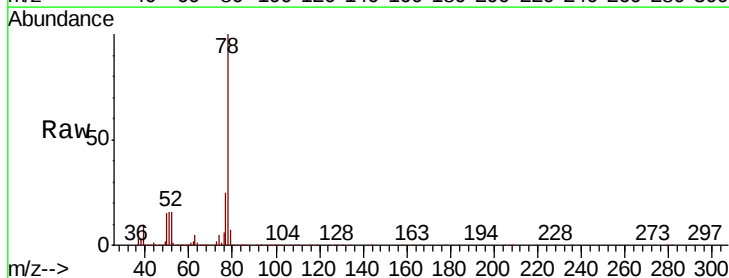
Instrument :
MSVOA_X
ClientSampleId :
BFB

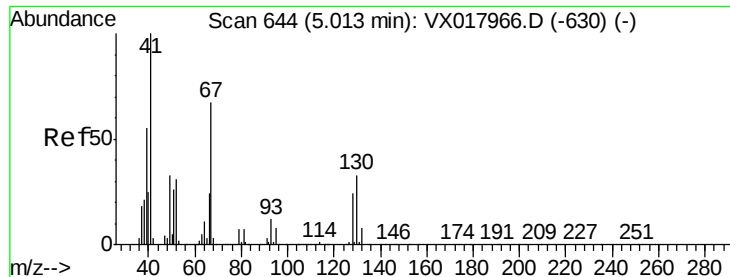
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	64.5	96.7
98	44.9	39.0	58.6



#40
Benzene
Concen: 17.844 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2





#41

Methacrylonitrile

Concen: 18.160 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

BFB

Tot Ion: 41 Resp: 83030

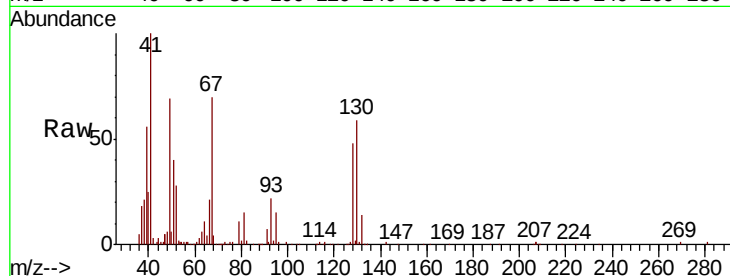
Ion Ratio Lower Upper

41 100

39 56.6 44.8 67.2

67 70.6 57.5 86.3

52 30.4 25.6 38.4

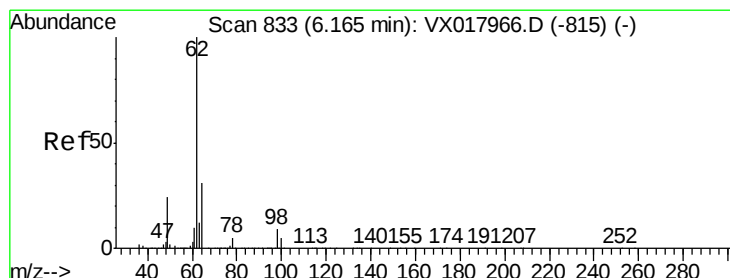
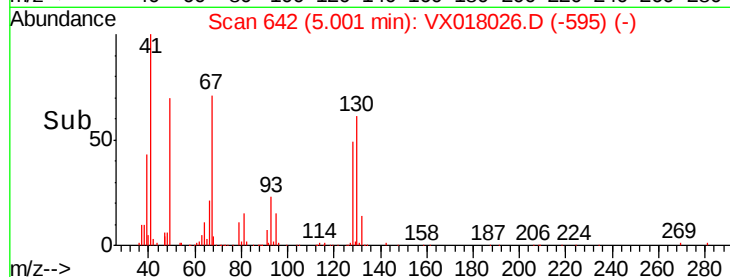
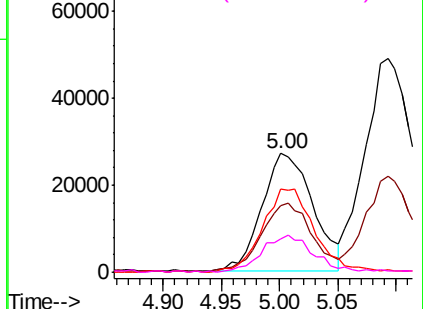


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.435 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018026.D

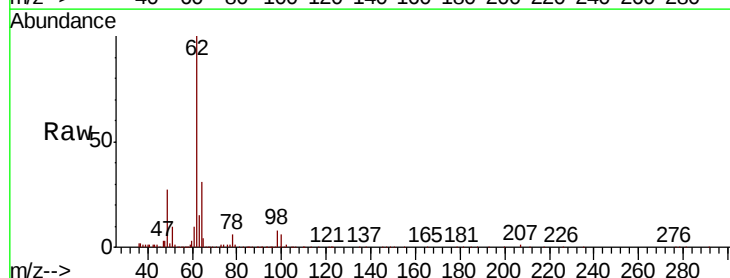
Acq: 20 Aug 2020 11:45

Tgt Ion: 62 Resp: 148720

Ion Ratio Lower Upper

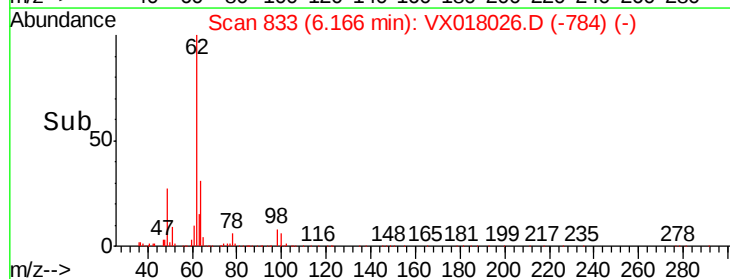
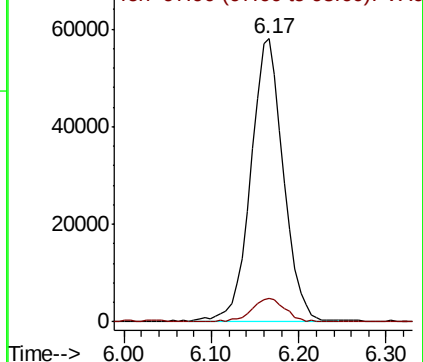
62 100

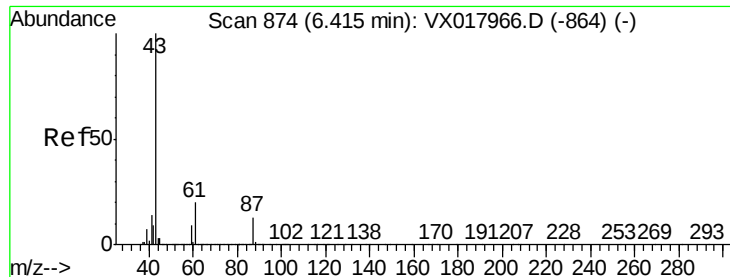
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



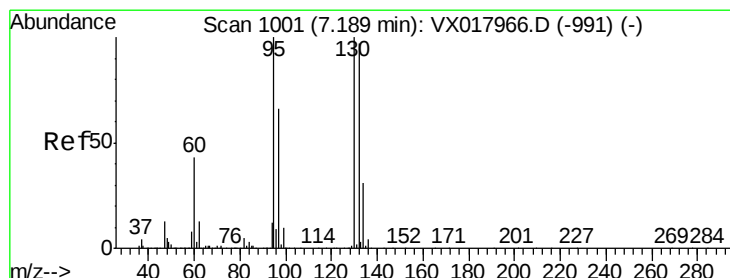
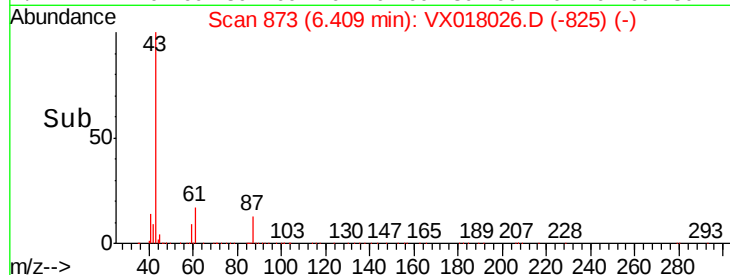
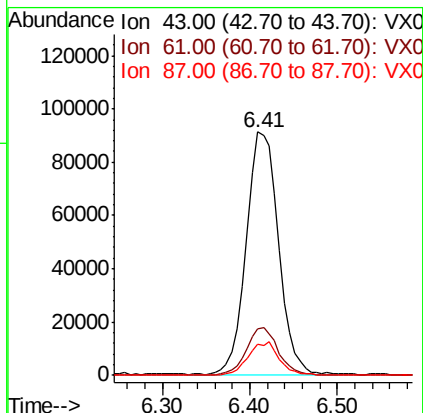
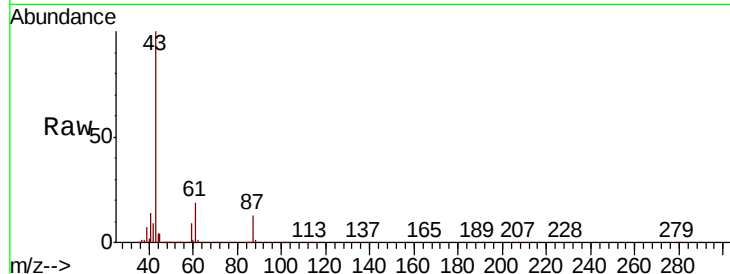


#43

Isopropyl Acetate
 Concen: 18.097 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

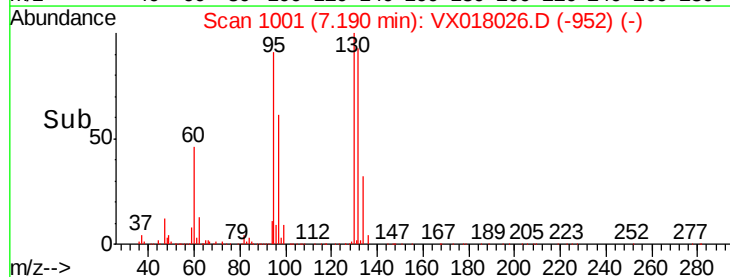
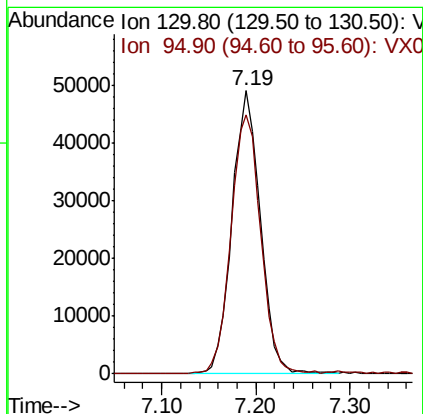
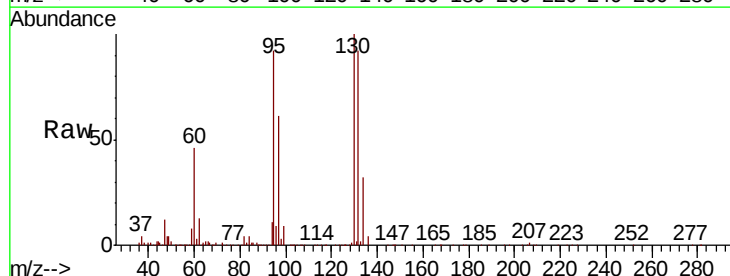
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.4	10.8	16.2

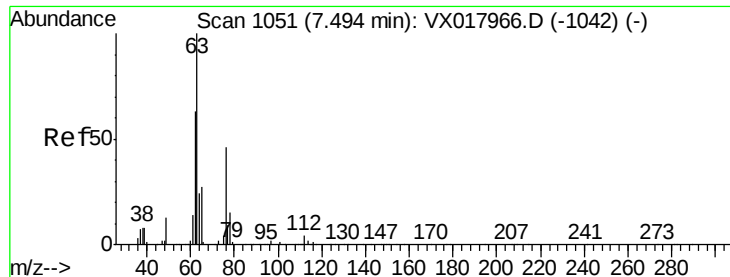


#44

Trichloroethene
 Concen: 17.236 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	200.6





#45

1,2-Dichloropropane

Concen: 17.441 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

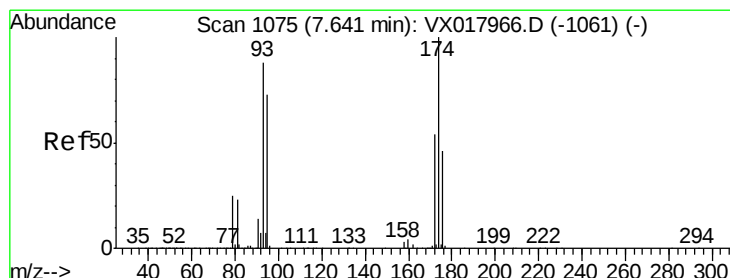
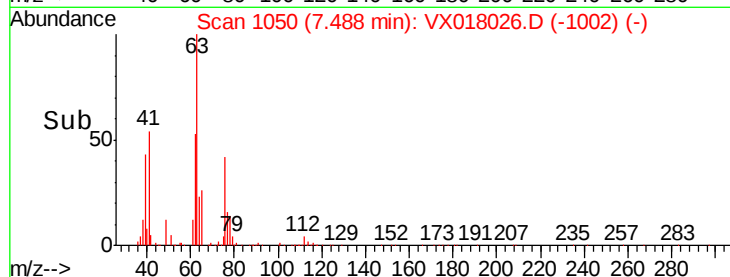
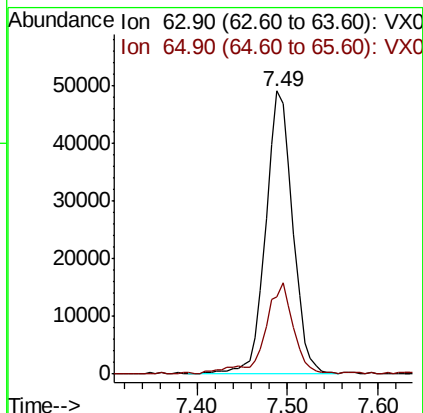
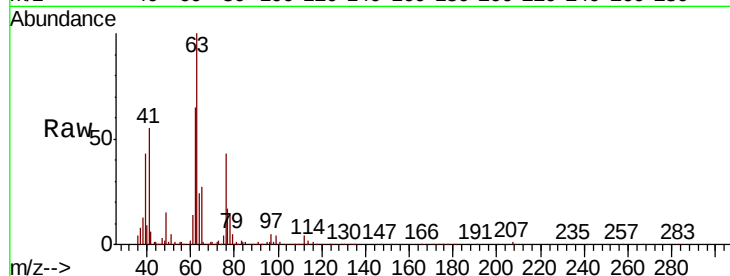
BFB

Tot Ion: 63 Resp: 100349

Ion Ratio Lower Upper

63 100

65 27.1 23.8 35.8



#46

Dibromomethane

Concen: 17.463 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

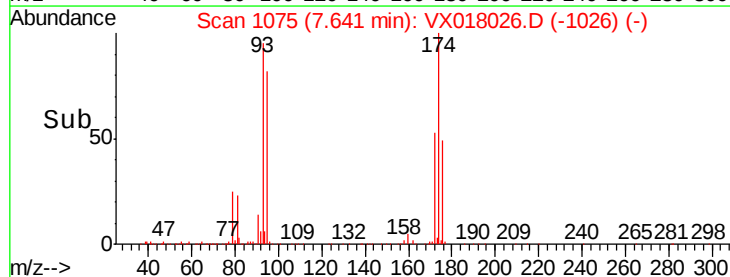
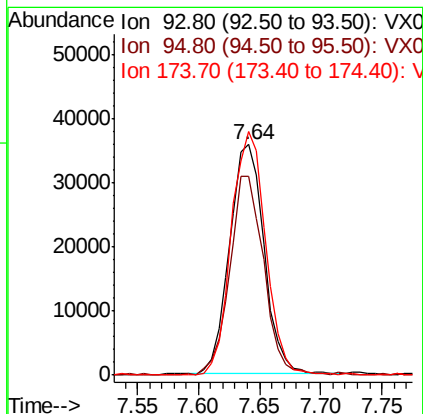
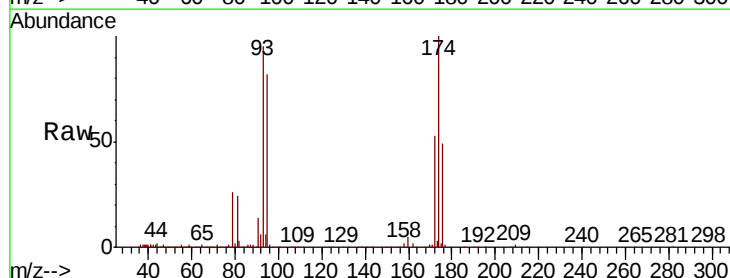
Tgt Ion: 93 Resp: 70122

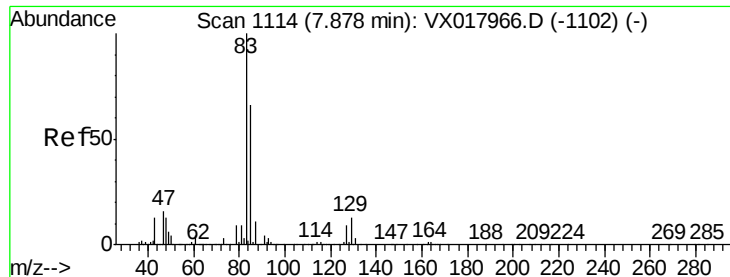
Ion Ratio Lower Upper

93 100

95 85.5 66.8 100.2

174 105.8 88.3 132.5





#47

Bromodichloromethane

Concen: 17.388 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

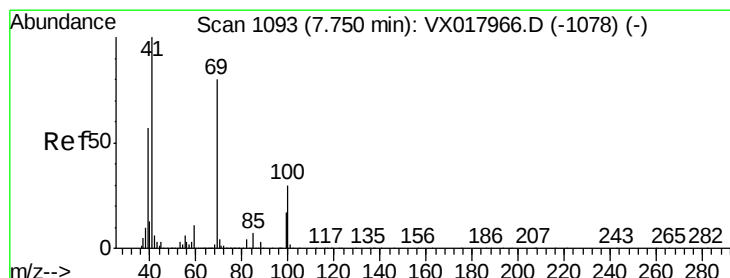
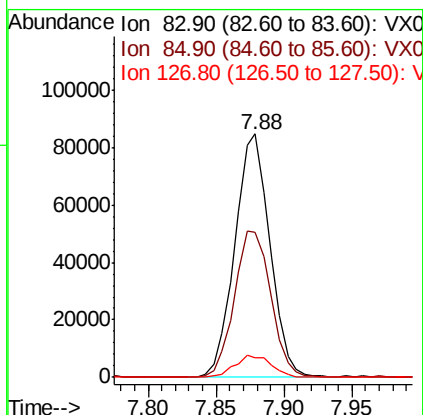
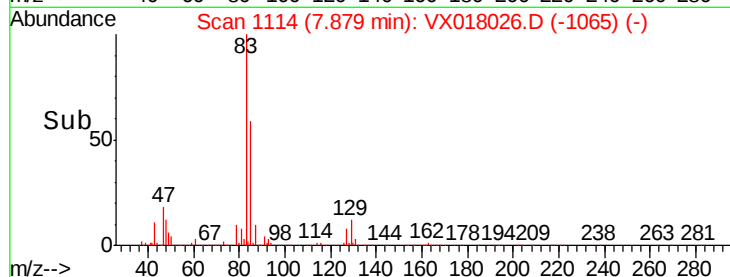
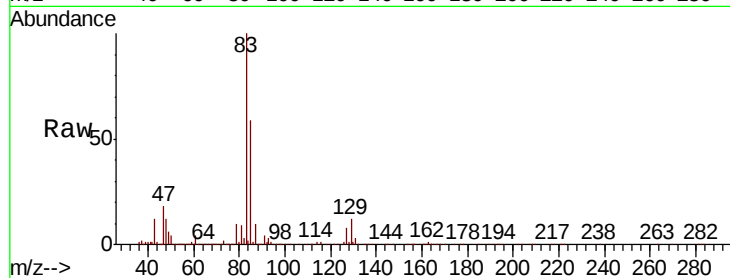
Tot Ion: 83 Resp: 151581

Ion Ratio Lower Upper

83 100

85 59.6 52.4 78.6

127 8.2 7.0 10.6



#48

Methyl methacrylate

Concen: 18.208 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

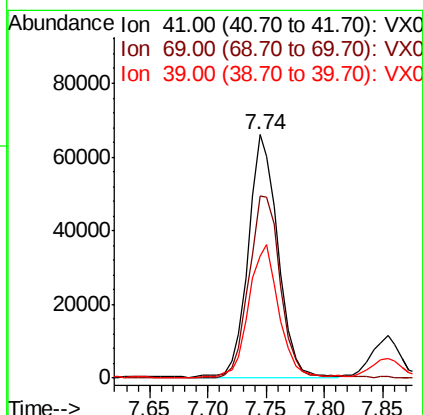
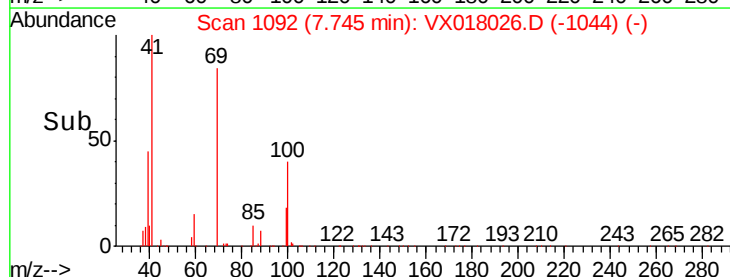
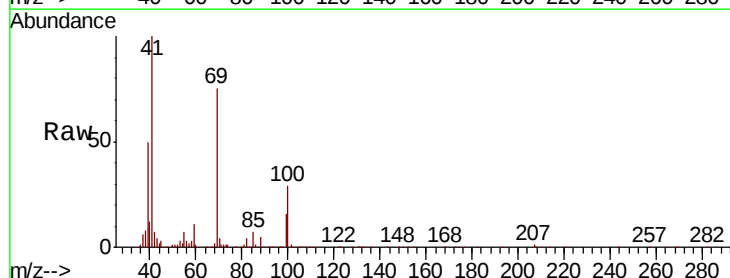
Tgt Ion: 41 Resp: 116239

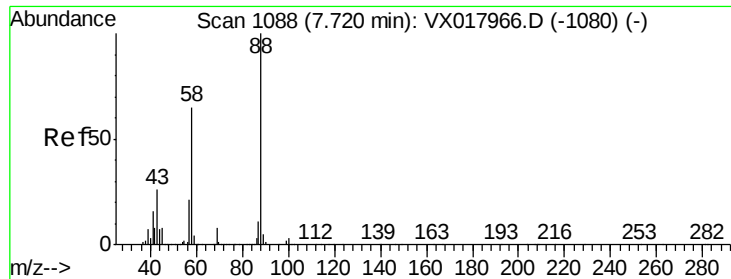
Ion Ratio Lower Upper

41 100

69 79.9 64.3 96.5

39 55.9 45.3 67.9

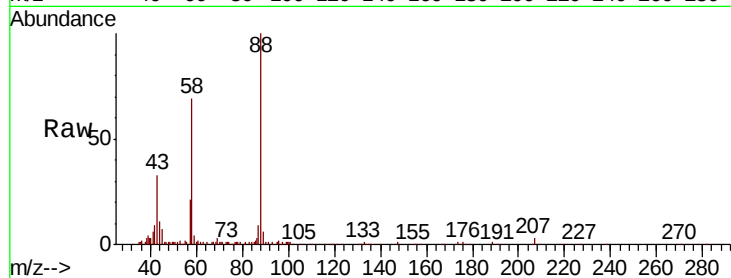




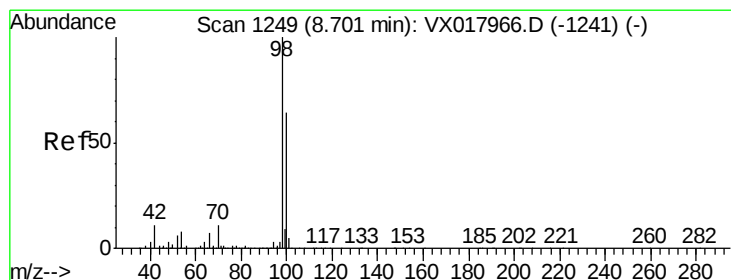
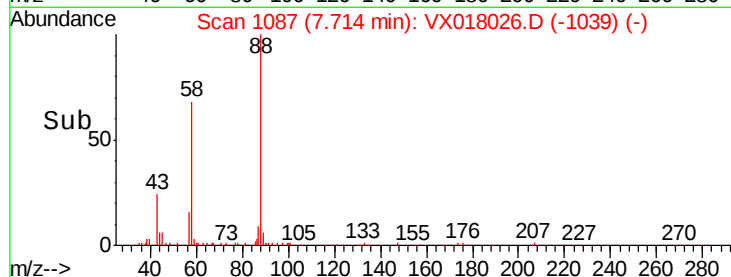
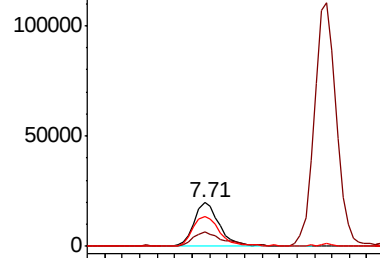
#49
1,4-Dioxane
Concen: 307.799 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.3	40.9
58	73.3	57.7	86.5

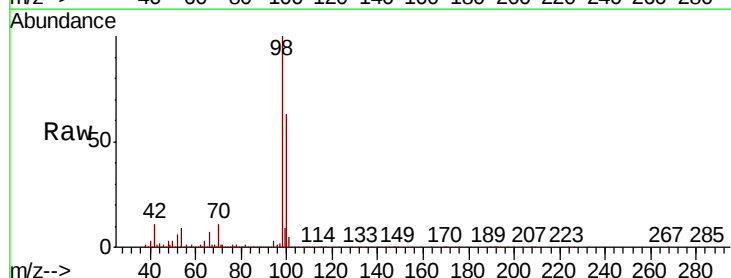


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

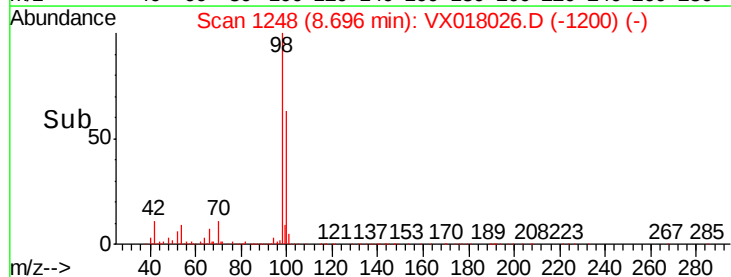
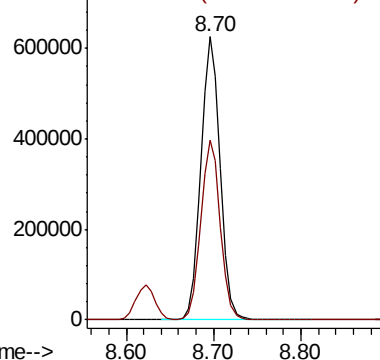


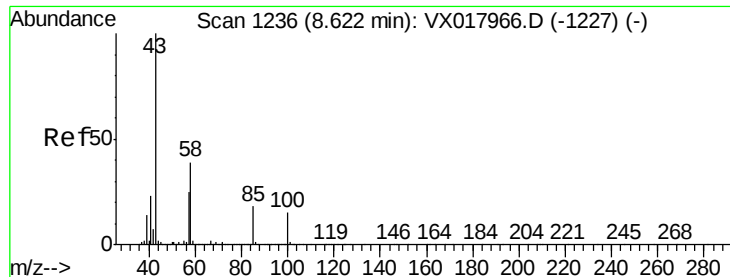
#50
Toluene-d8
Concen: 45.336 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2



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

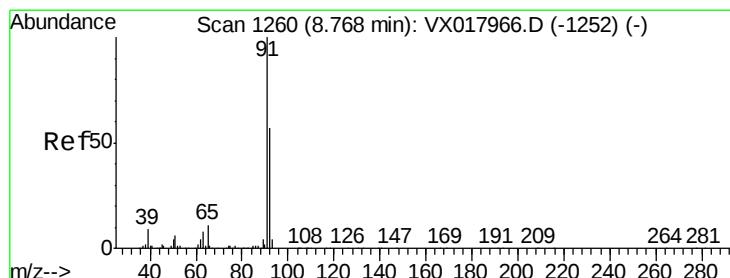
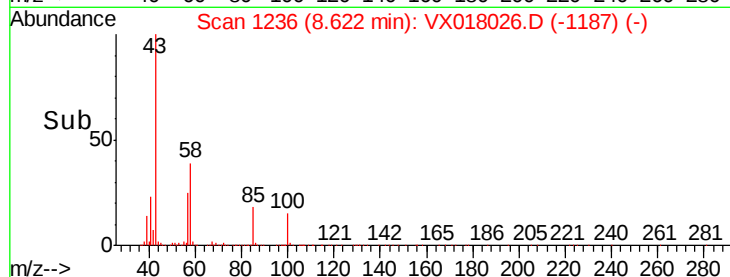
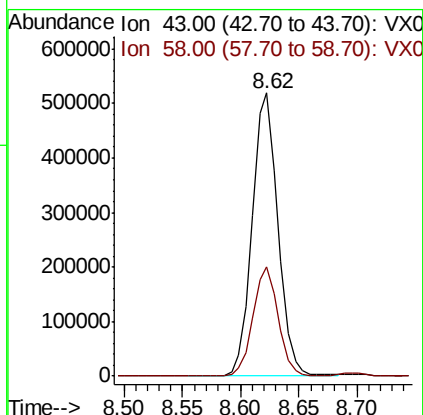
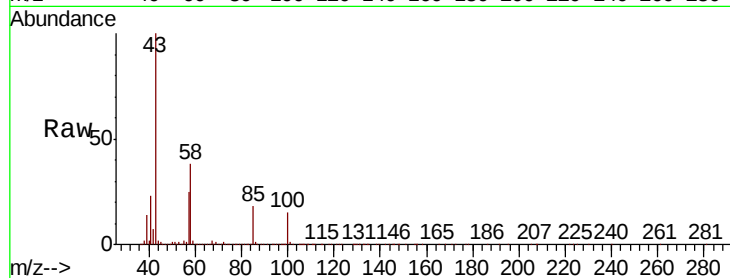




#51
4-Methyl-2-Pentanone
Concen: 92.081 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

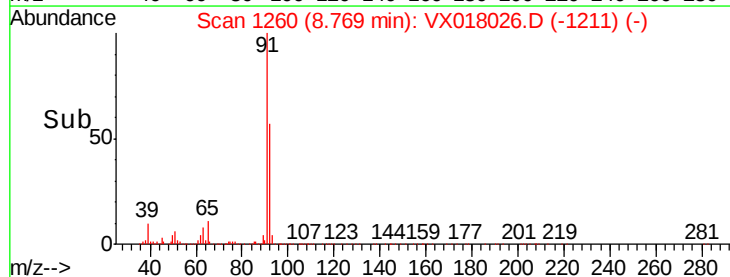
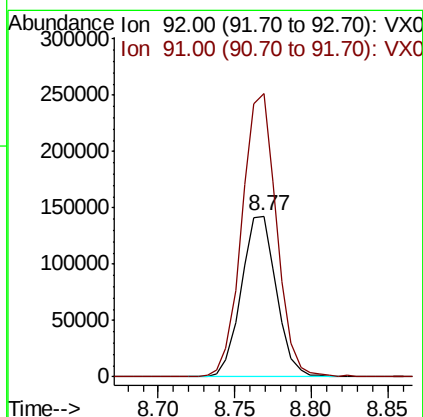
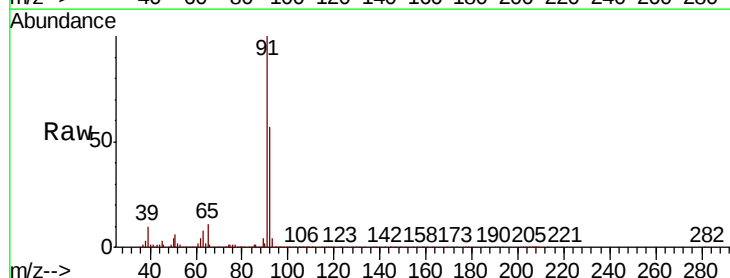
Instrument :
MSVOA_X
ClientSampled :
BFB

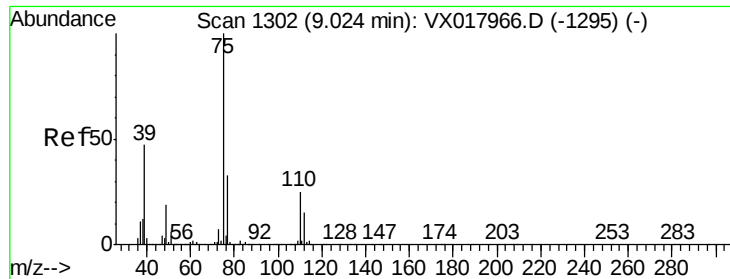
Tot Ion: 43 Resp: 798377
Ion Ratio Lower Upper
43 100
58 37.8 31.0 46.4



#52
Toluene
Concen: 17.305 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 92 Resp: 227358
Ion Ratio Lower Upper
92 100
91 173.1 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 17.395 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

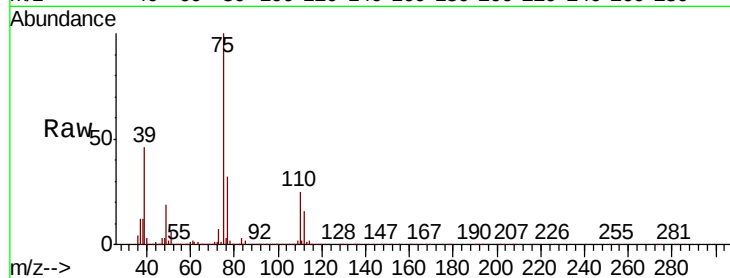
BFB

Tot Ion: 75 Resp: 160383

Ion Ratio Lower Upper

75 100

77 31.7 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

120000

100000

80000

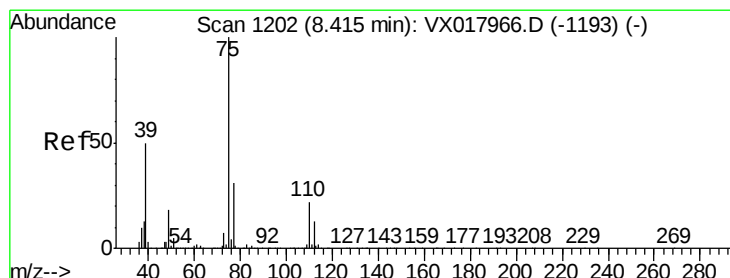
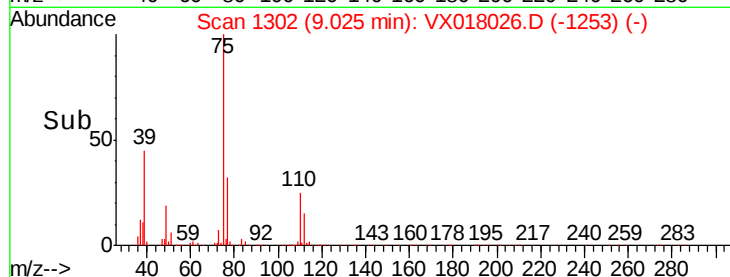
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.564 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

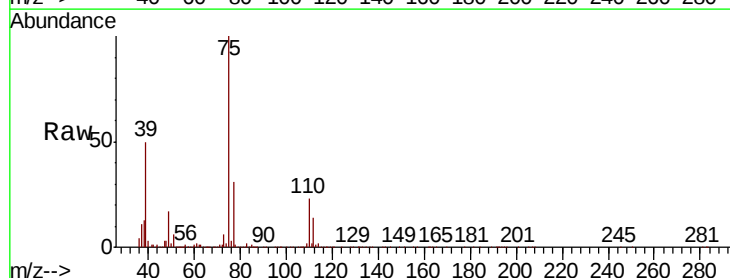
Tgt Ion: 75 Resp: 168847

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 49.5 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

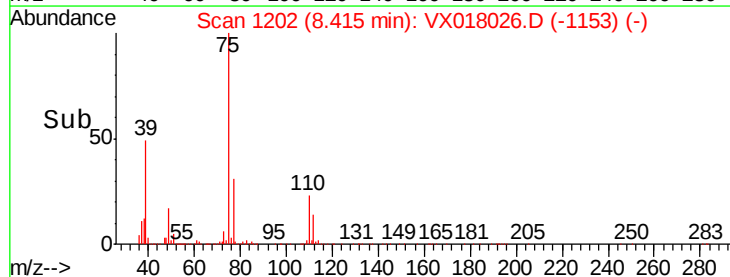
8.42

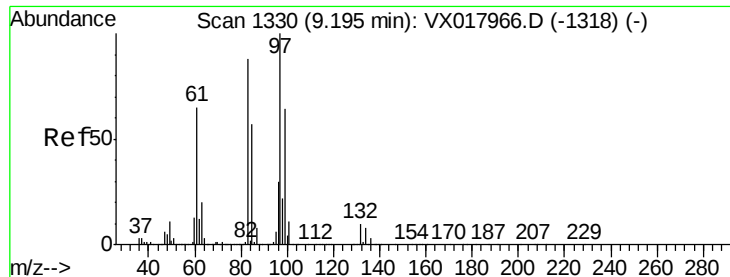
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 17.258 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

BFB

Tot Ion: 97 Resp: 104162

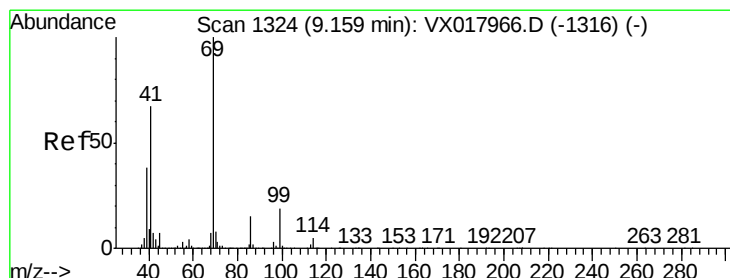
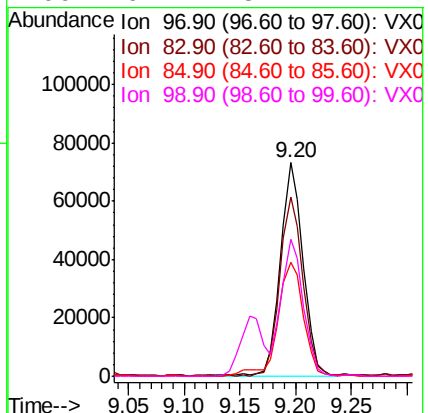
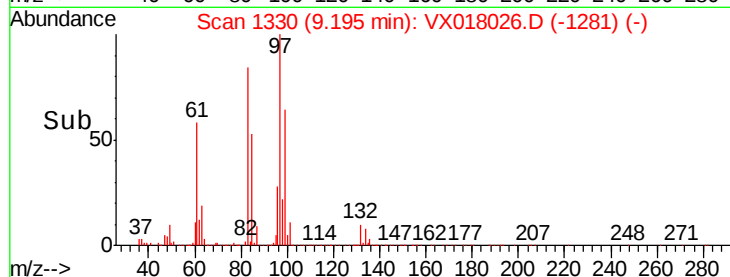
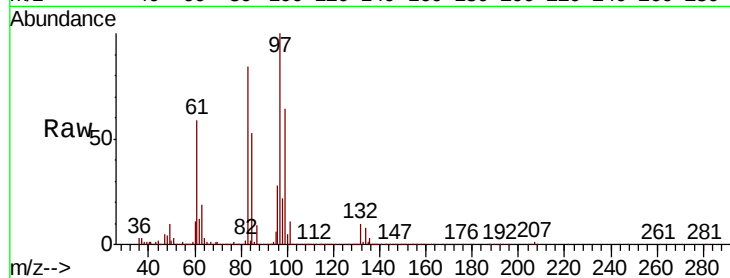
Ion Ratio Lower Upper

97 100

83 83.4 70.1 105.1

85 52.9 45.8 68.8

99 64.1 51.4 77.2



#56

Ethyl methacrylate

Concen: 18.121 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

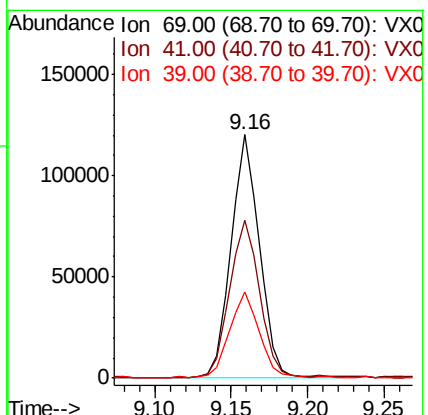
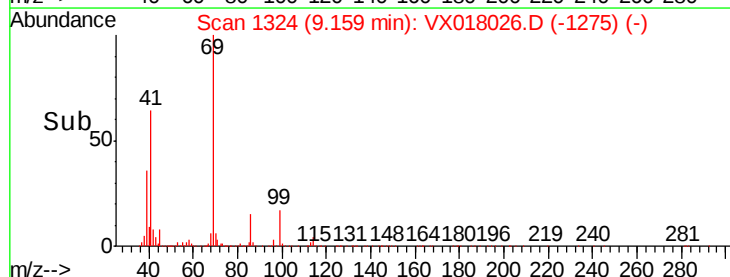
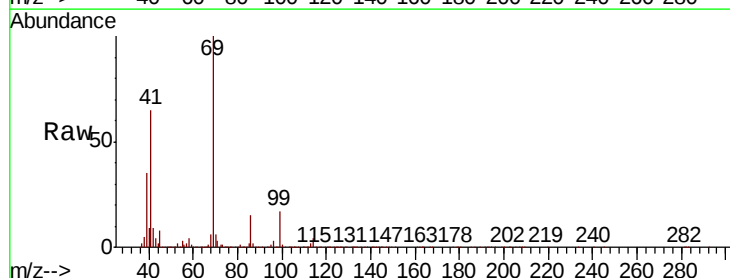
Tgt Ion: 69 Resp: 154636

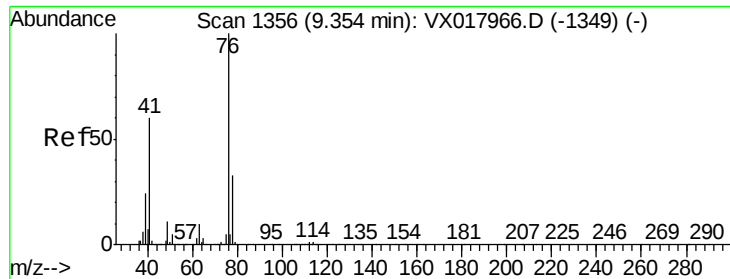
Ion Ratio Lower Upper

69 100

41 68.4 52.3 78.5

39 36.6 29.2 43.8





#57

1,3-Dichloropropane

Concen: 17.947 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

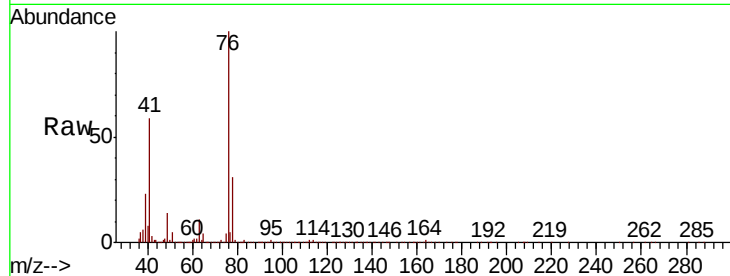
BFB

Tot Ion: 76 Resp: 172037

Ion Ratio Lower Upper

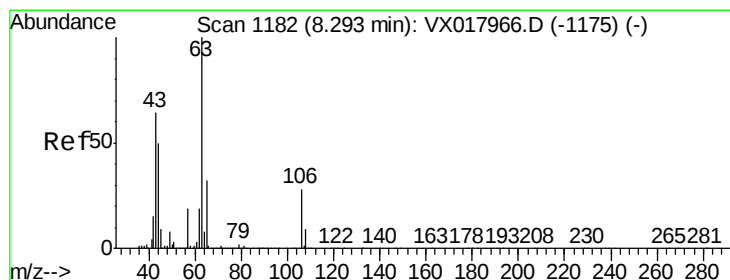
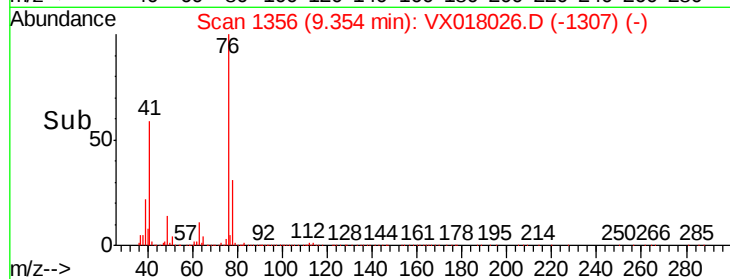
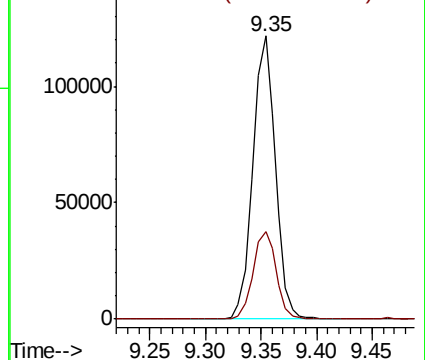
76 100

78 32.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 81.815 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018026.D

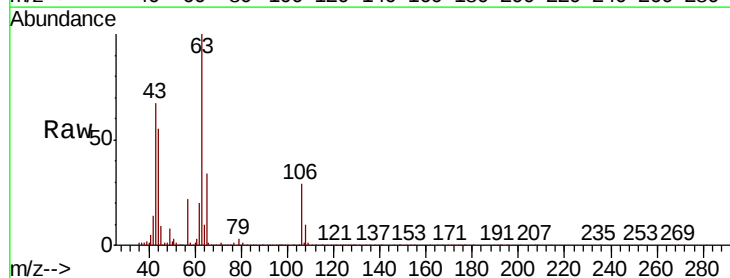
Acq: 20 Aug 2020 11:45

Tgt Ion: 63 Resp: 338098

Ion Ratio Lower Upper

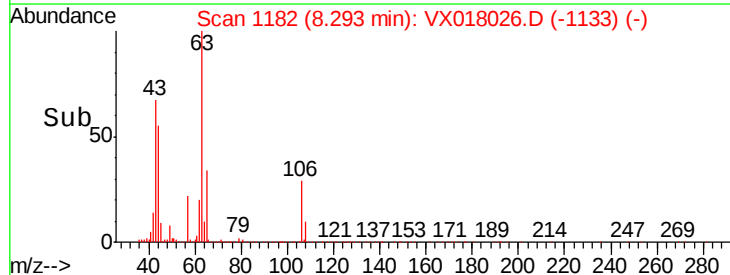
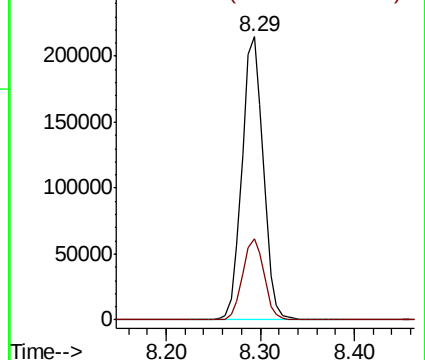
63 100

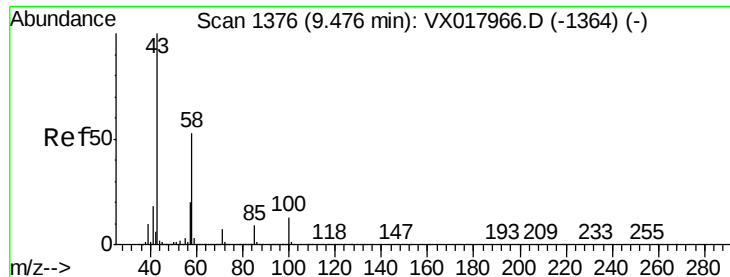
106 29.1 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

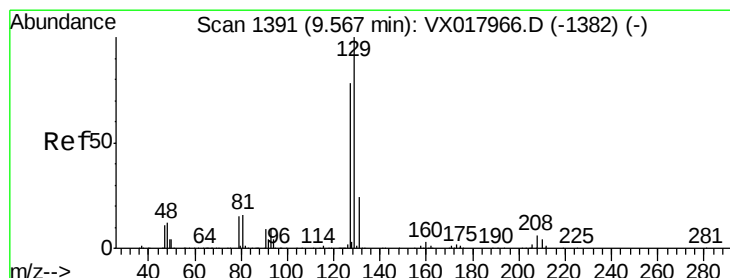
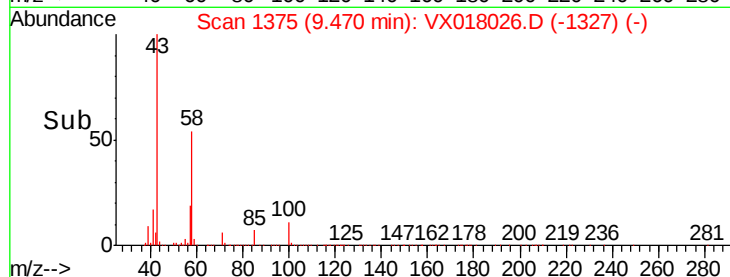
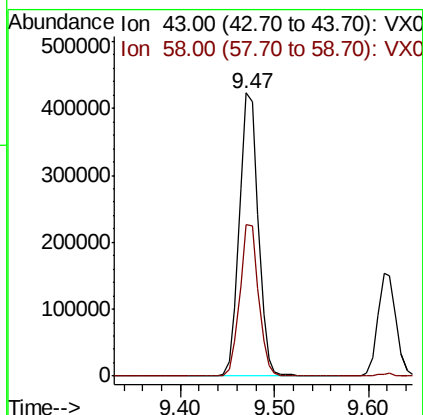
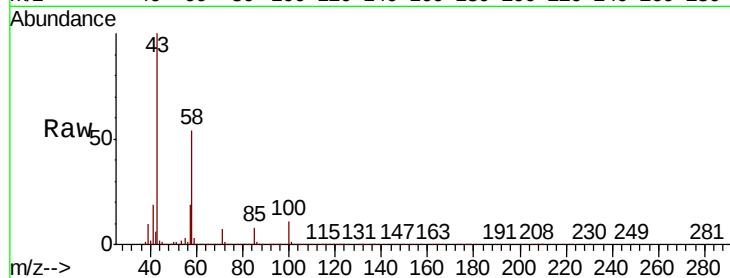




#59
2-Hexanone
Concen: 90.326 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

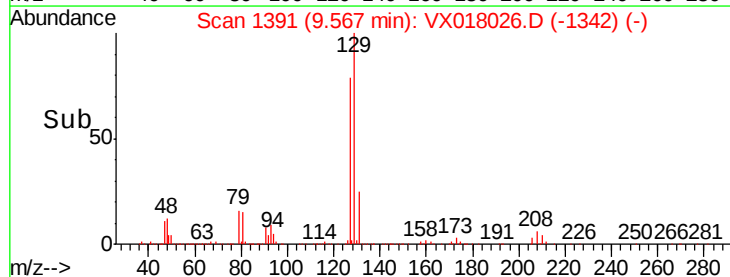
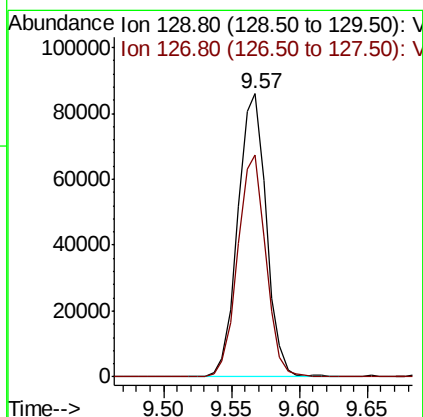
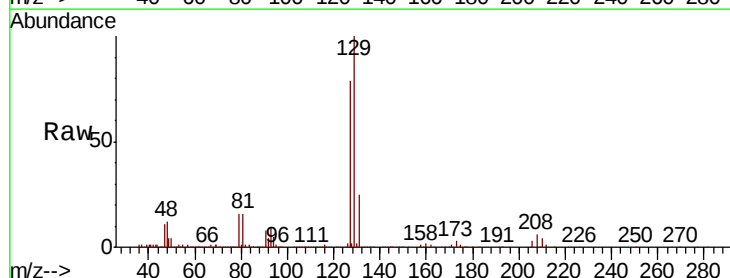
Instrument :
MSVOA_X
ClientSampleId :
BFB

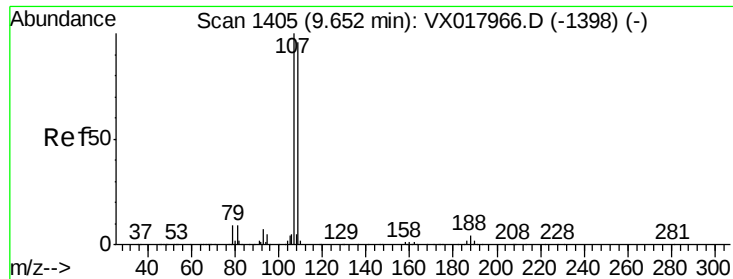
Tot Ion: 43 Resp: 593428
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.0



#60
Dibromochloromethane
Concen: 16.553 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 129 Resp: 124781
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3





#61

1,2-Dibromoethane

Concen: 16.553 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

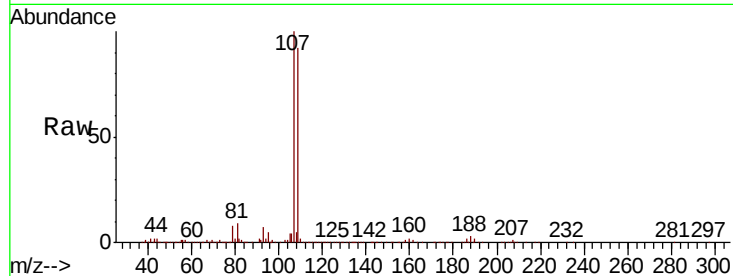
BFB

Tot Ion:107 Resp: 110662

Ion Ratio Lower Upper

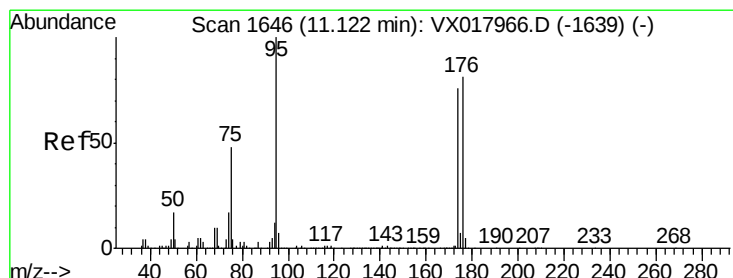
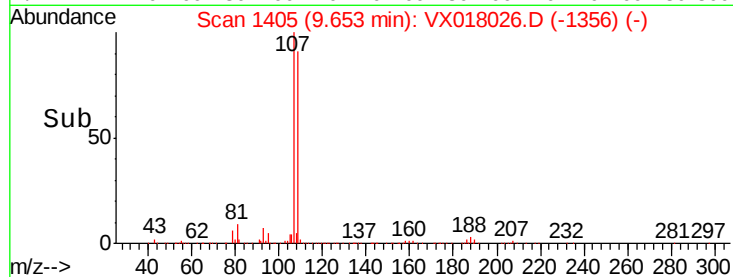
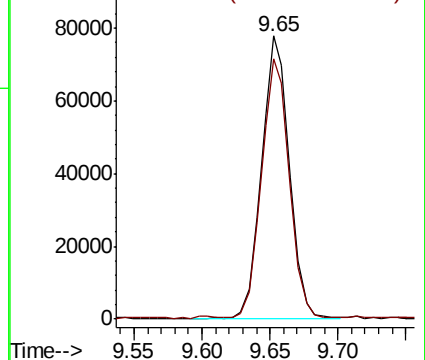
107 100

109 91.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.398 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

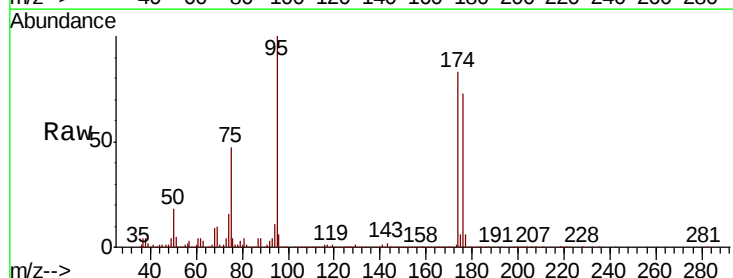
Tgt Ion: 95 Resp: 374805

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.0

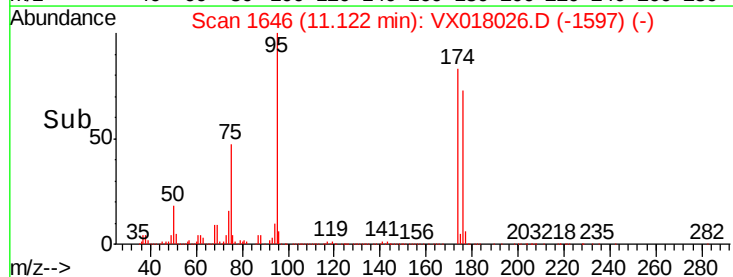
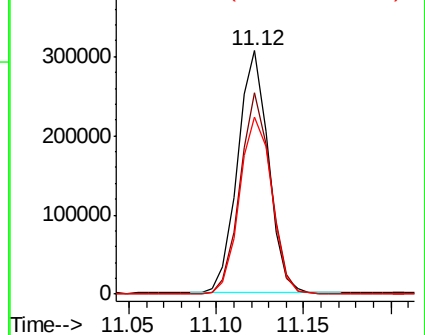
176 77.0 0.0 161.0

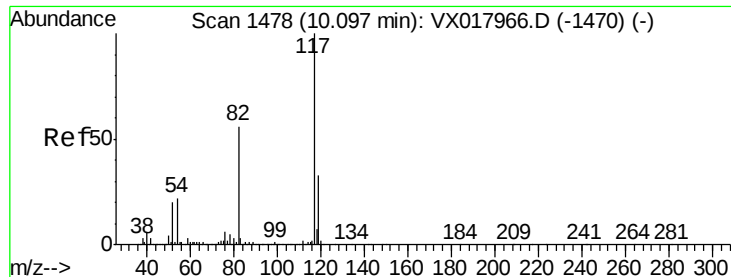


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

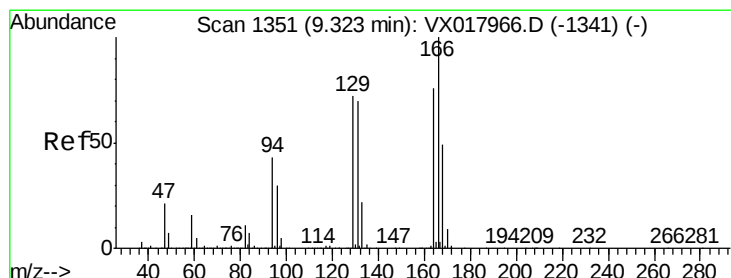
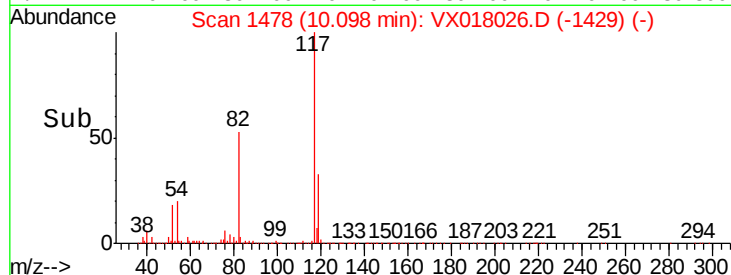
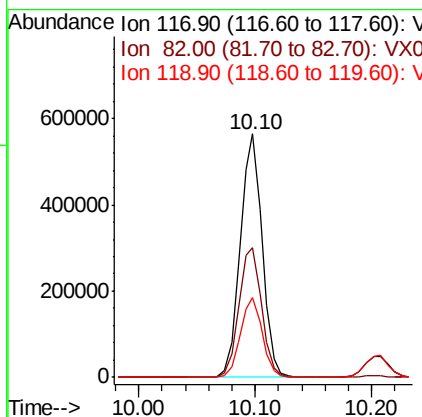
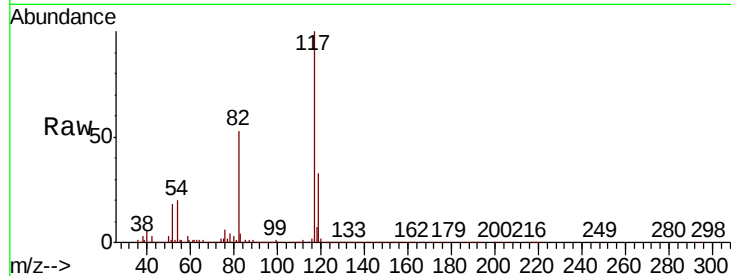




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

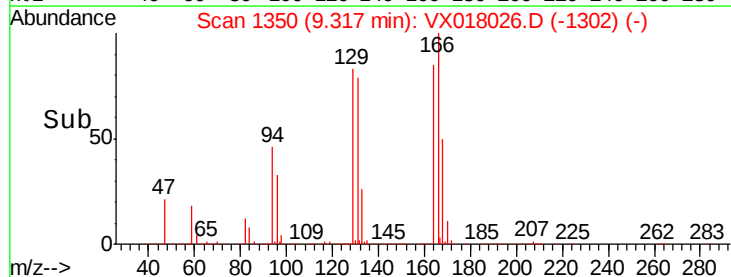
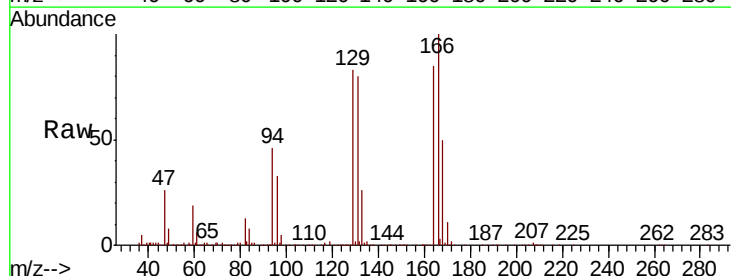
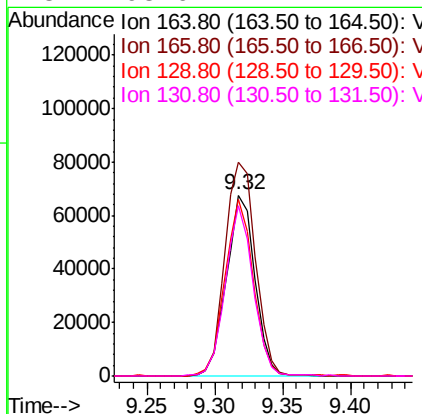
Instrument :
MSVOA_X
ClientSampleId :
BFB

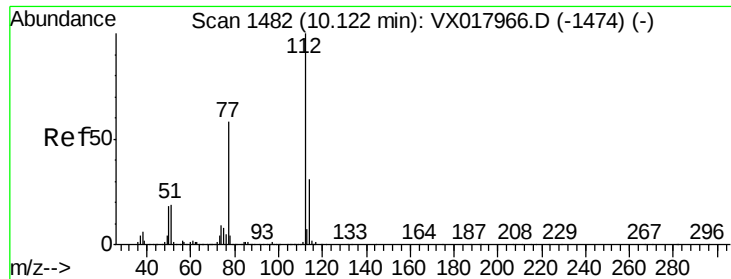
Tot Ion:117 Resp: 740411
Ion Ratio Lower Upper
117 100
82 53.3 44.6 66.8
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 17.463 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion:164 Resp: 98742
Ion Ratio Lower Upper
164 100
166 118.0 105.7 158.5
129 97.4 75.8 113.8
131 93.6 74.2 111.4

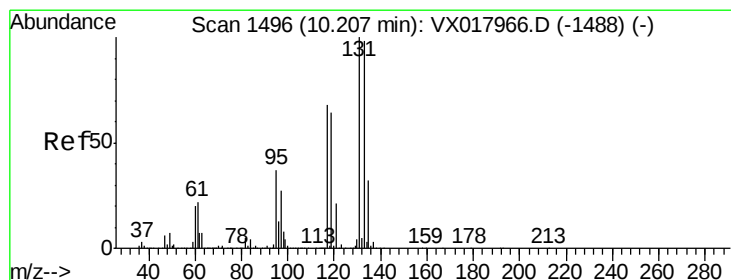
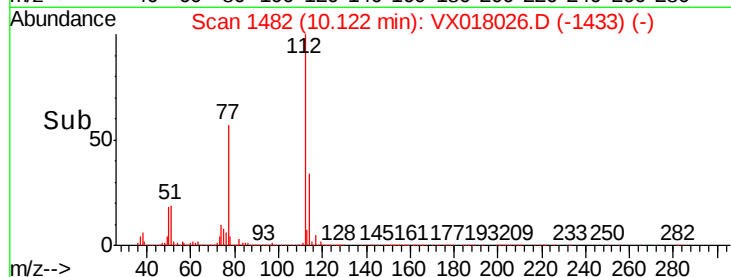
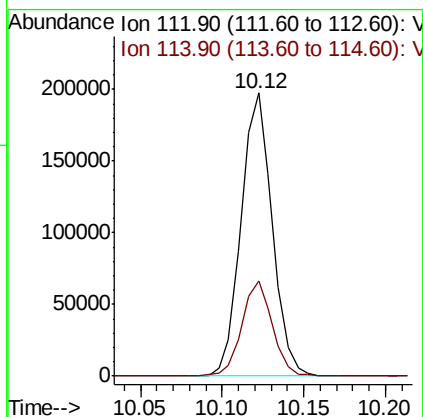
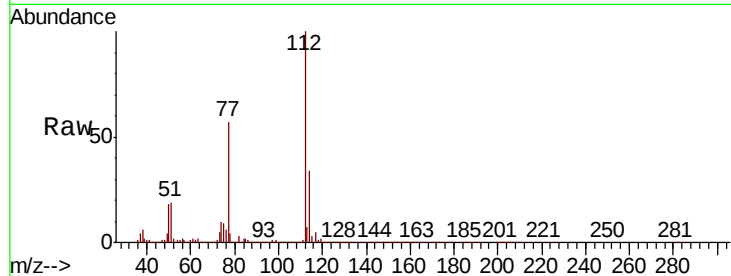




#65
Chlorobenzene
Concen: 17.913 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

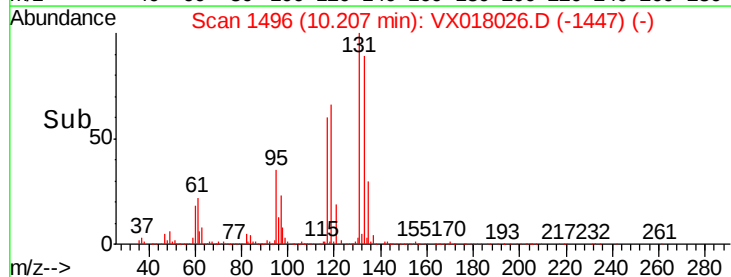
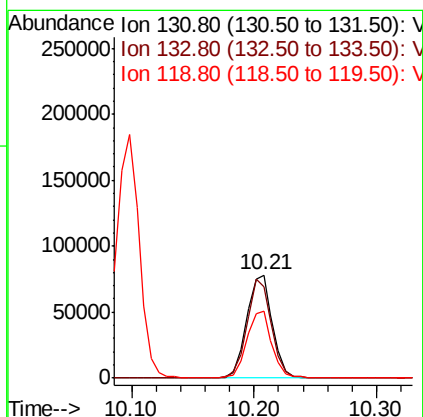
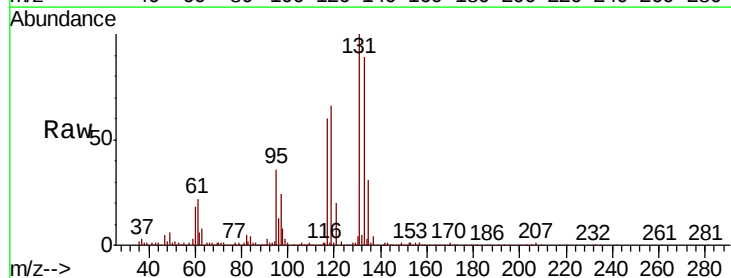
Instrument :
MSVOA_X
ClientSampleId :
BFB

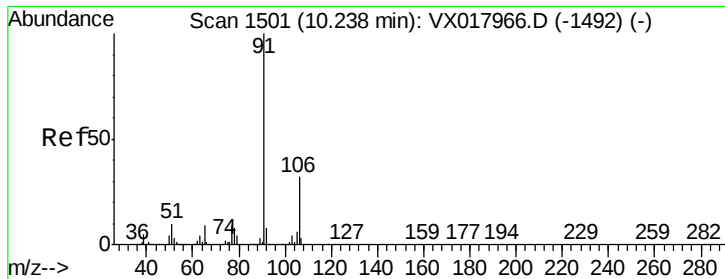
Tot Ion:112 Resp: 263271
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.197 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion:131 Resp: 113130
Ion Ratio Lower Upper
131 100
133 90.7 48.4 145.3
119 62.2 31.6 94.8

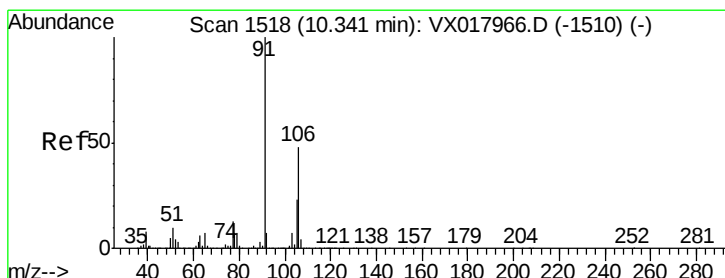
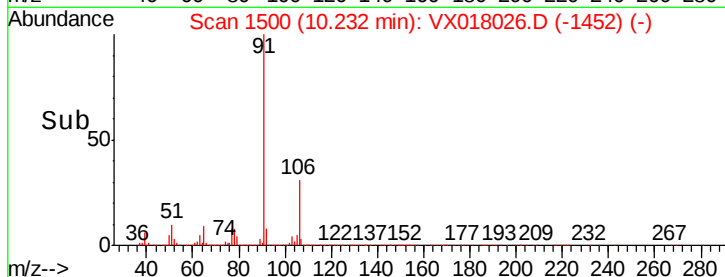
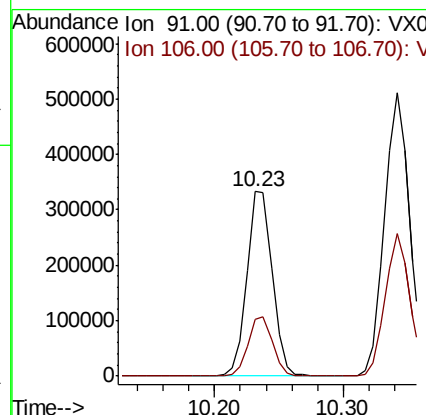
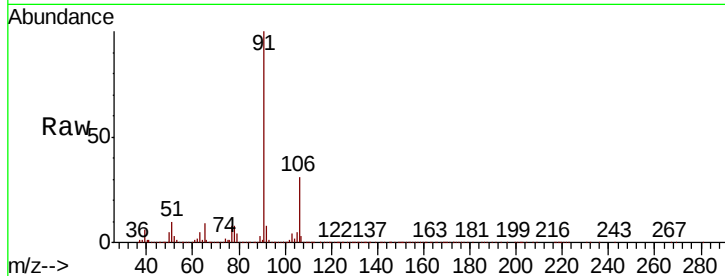




#67
Ethyl Benzene
Concen: 18.495 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

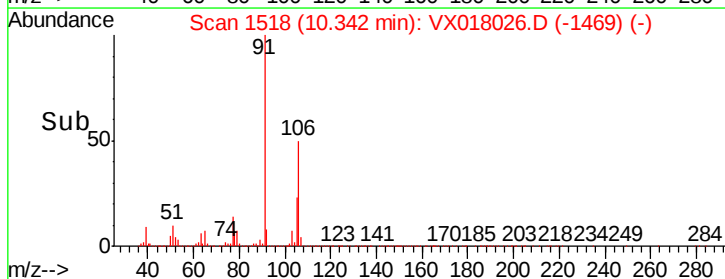
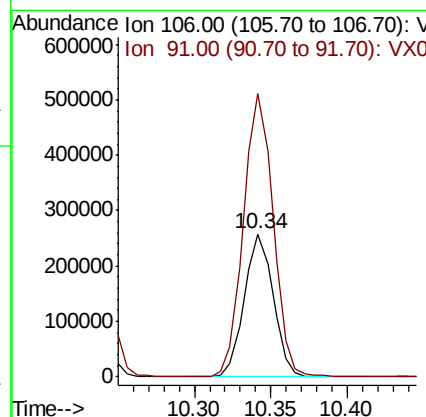
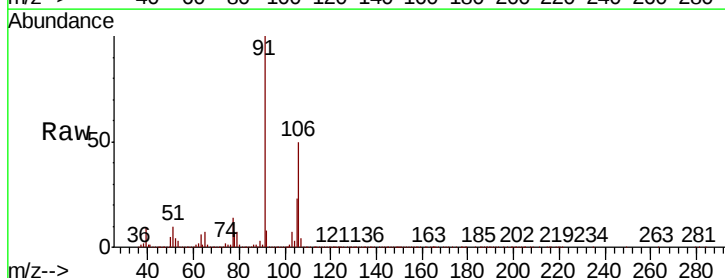
Instrument :
MSVOA_X
ClientSampled :
BFB

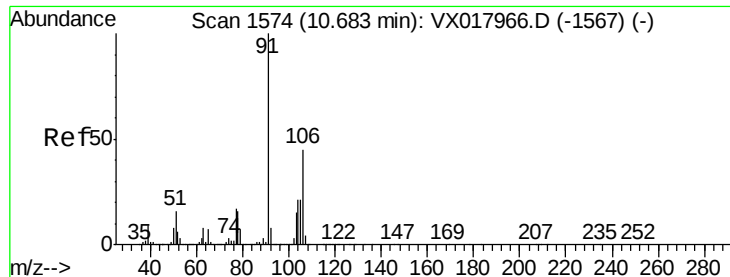
Tot Ion: 91 Resp: 448113
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 36.295 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 106 Resp: 338545
Ion Ratio Lower Upper
106 100
91 202.9 167.4 251.2

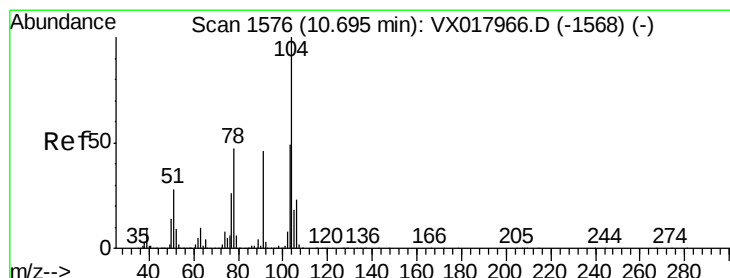
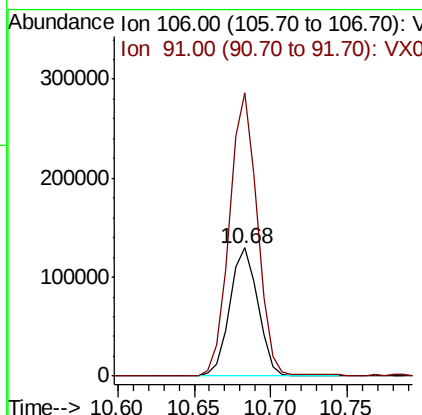
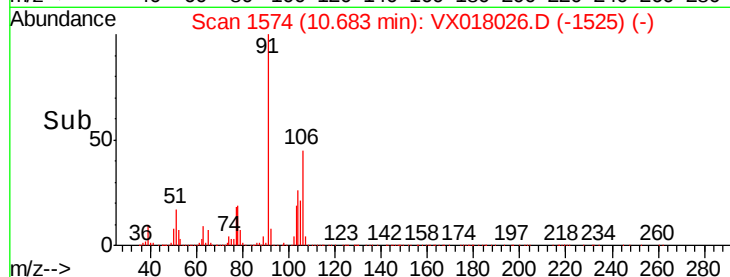
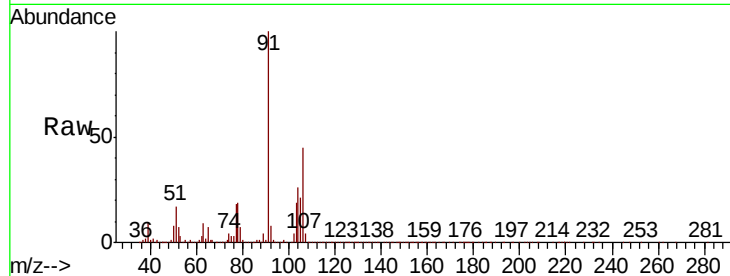




#69
o-Xylene
Concen: 18.293 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

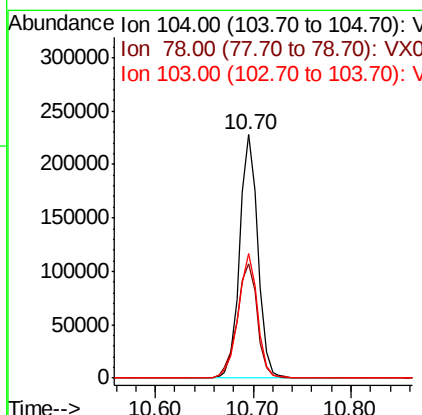
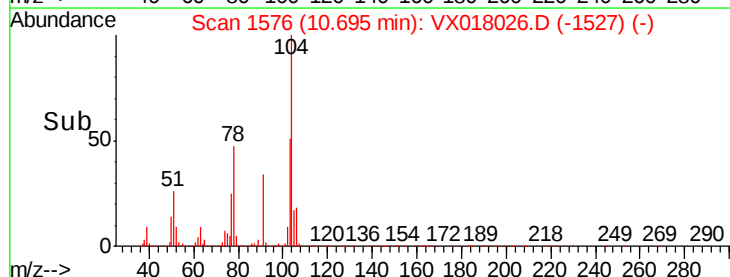
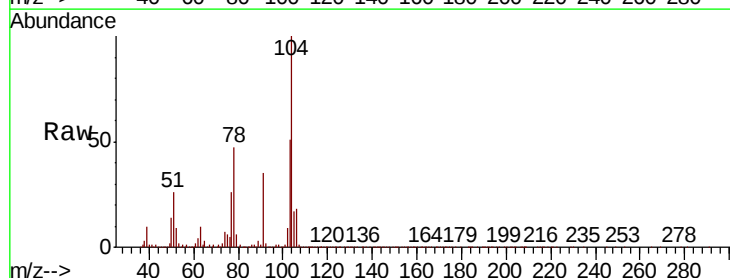
Instrument :
MSVOA_X
ClientSampleId :
BFB

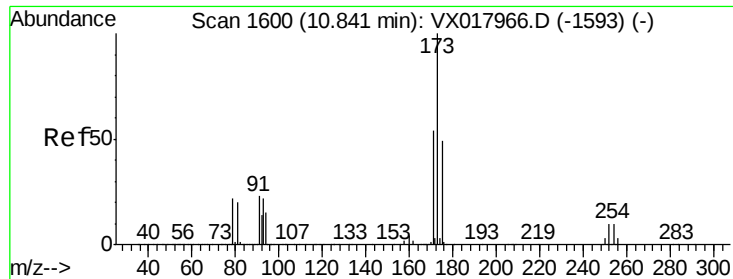
Tot Ion:106 Resp: 164537
Ion Ratio Lower Upper
106 100
91 218.0 108.1 324.2



#70
Styrene
Concen: 18.855 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion:104 Resp: 292592
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 54.5 42.9 64.3





#71

Bromoform

Concen: 17.705 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

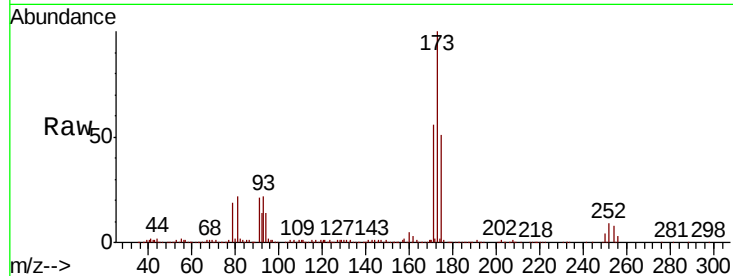
Tot Ion:173 Resp: 98798

Ion Ratio Lower Upper

173 100

175 49.9 24.4 73.2

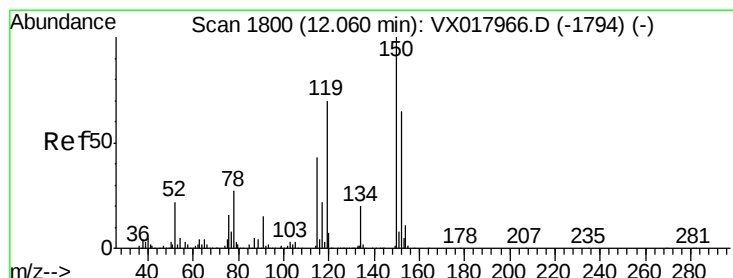
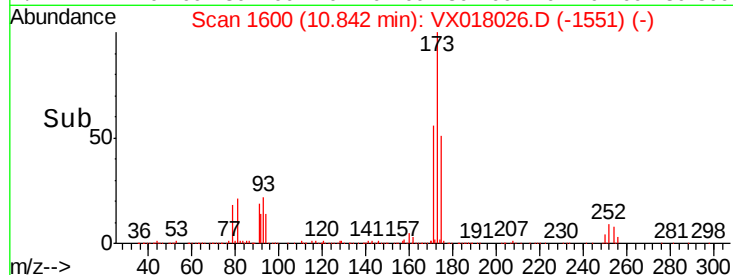
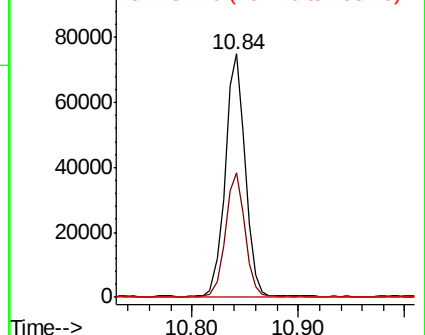
254 0.2 0.2 0.2#



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: VX018026.D

Acq: 20 Aug 2020 11:45

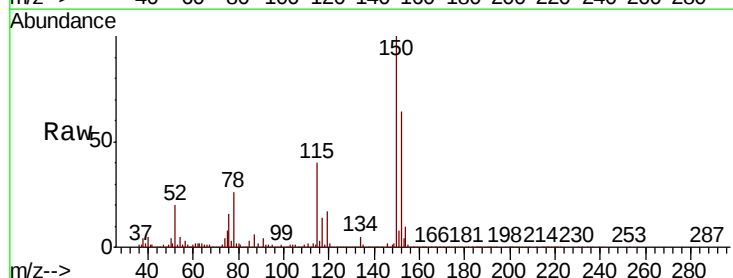
Tgt Ion:152 Resp: 390962

Ion Ratio Lower Upper

152 100

115 66.4 40.6 121.7

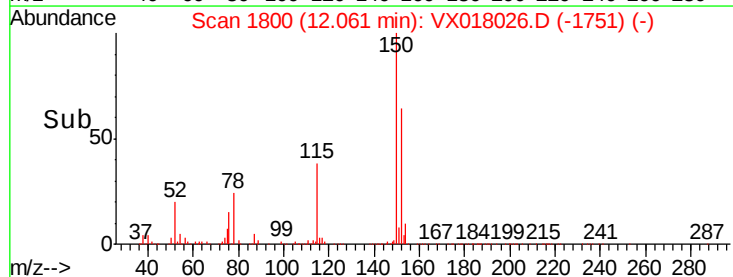
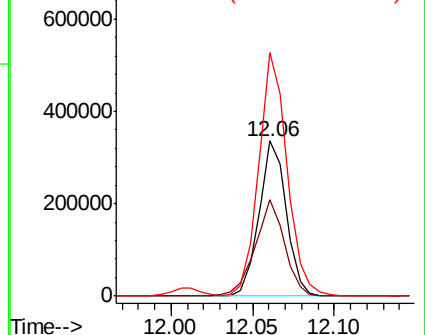
150 163.5 0.0 346.4

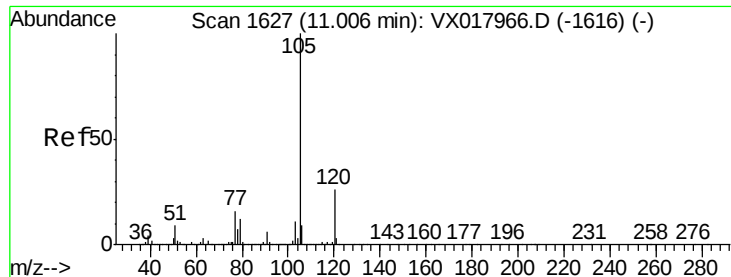


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.757 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

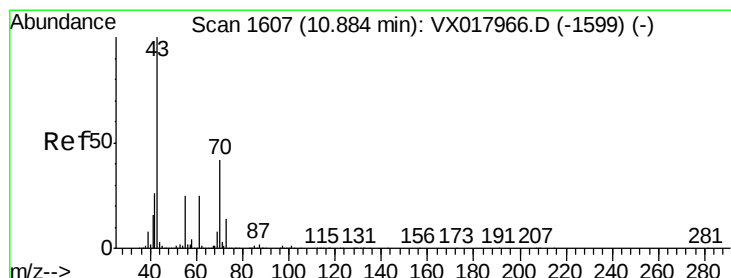
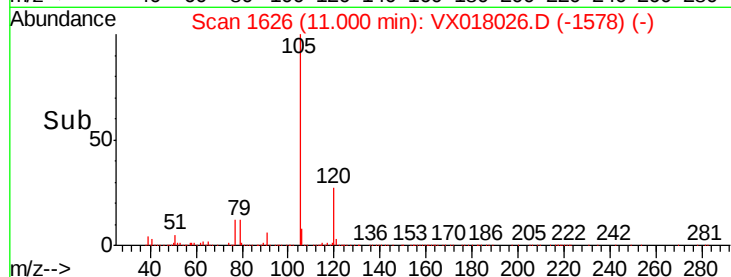
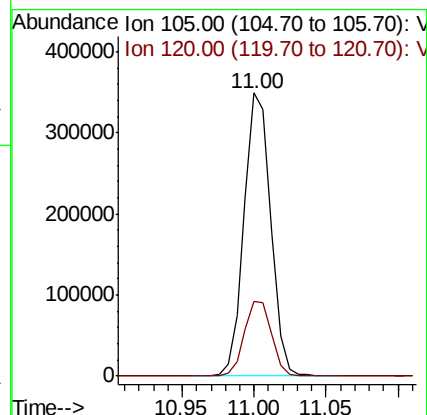
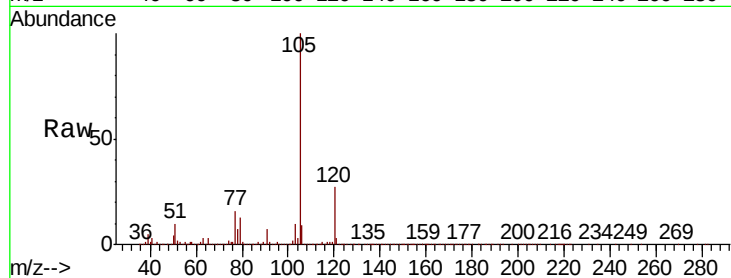
BFB

Tot Ion:105 Resp: 446838

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 18.902 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Tgt Ion: 43 Resp: 211567

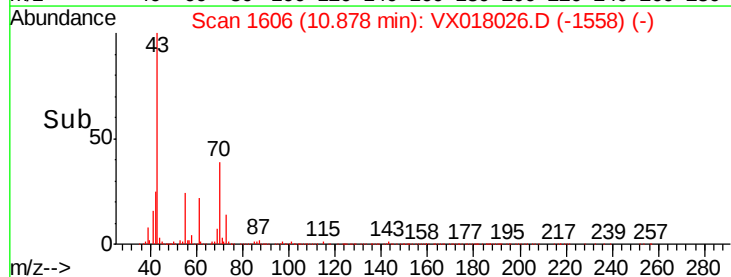
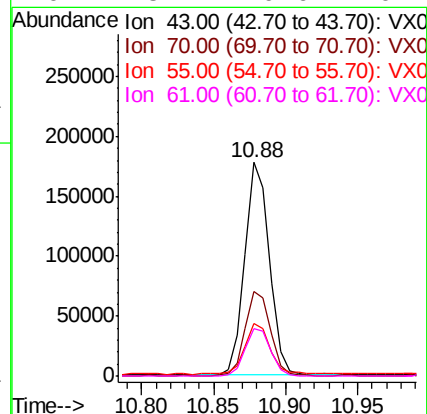
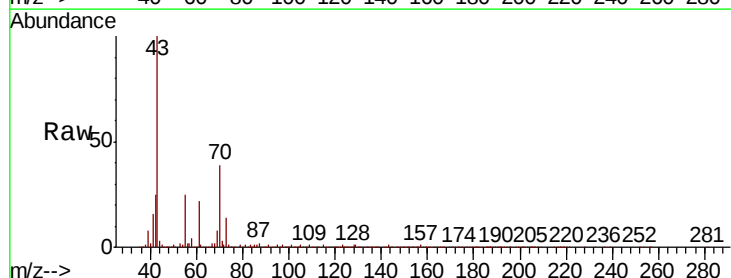
Ion Ratio Lower Upper

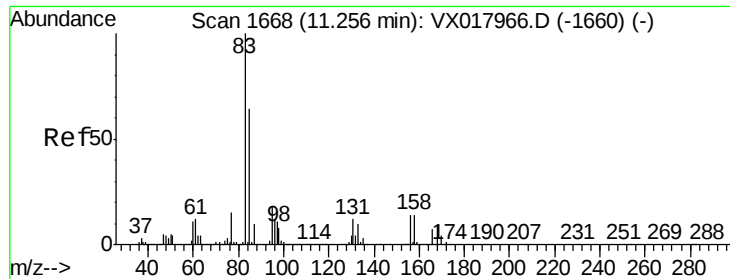
43 100

70 40.3 32.9 49.3

55 24.8 19.3 28.9

61 23.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.620 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

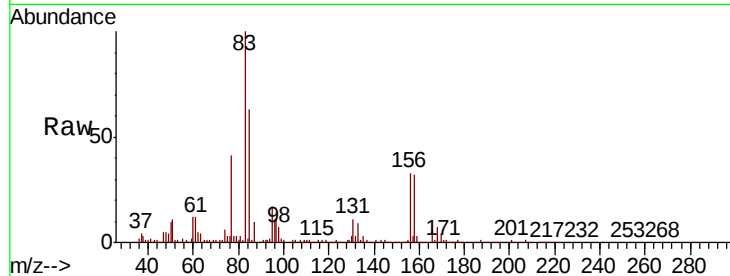
Tot Ion: 83 Resp: 163453

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

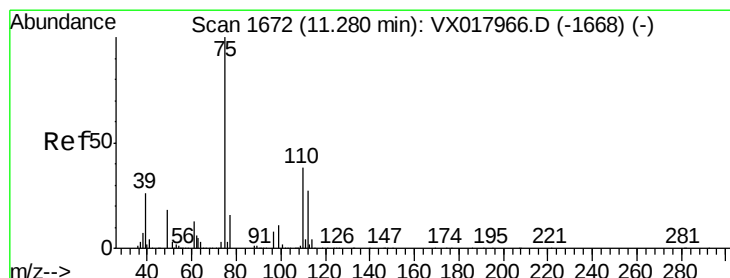
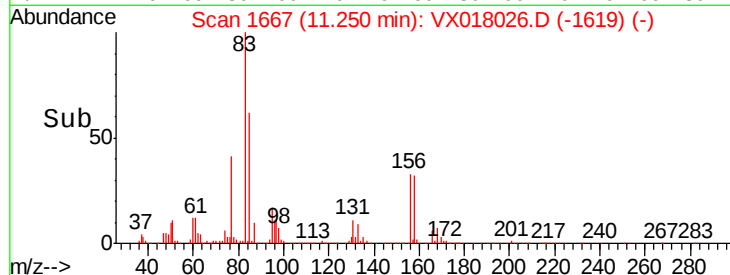
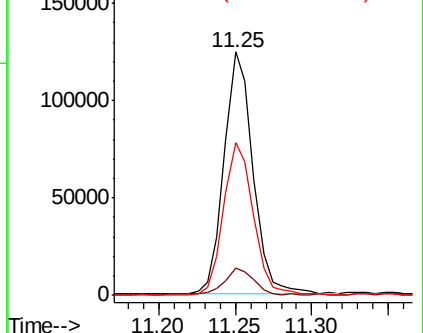
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.200 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018026.D

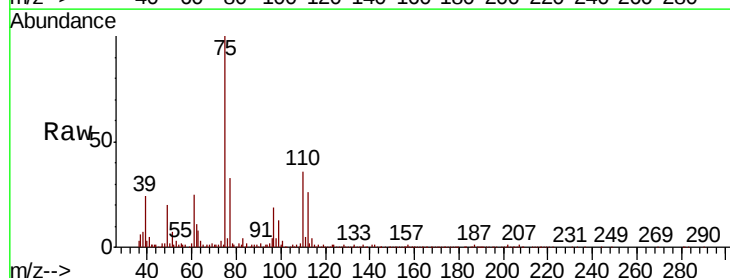
Acq: 20 Aug 2020 11:45

Tgt Ion: 75 Resp: 192891

Ion Ratio Lower Upper

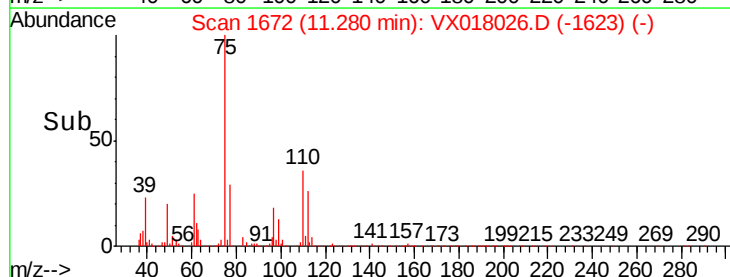
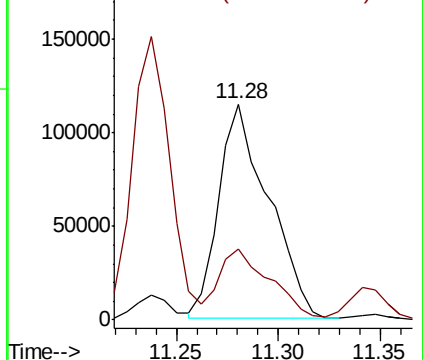
75 100

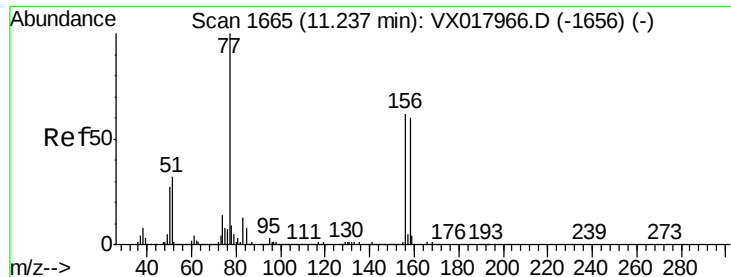
77 32.9 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.900 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

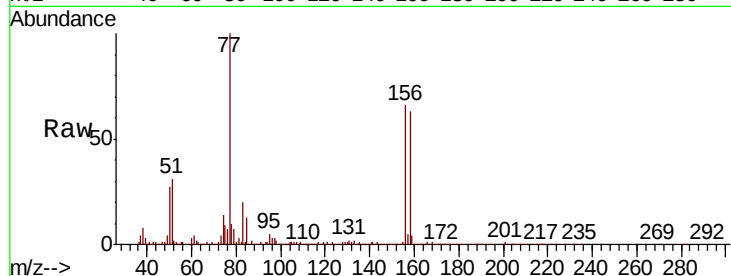
Tot Ion:156 Resp: 124971

Ion Ratio Lower Upper

156 100

77 155.6 78.0 234.0

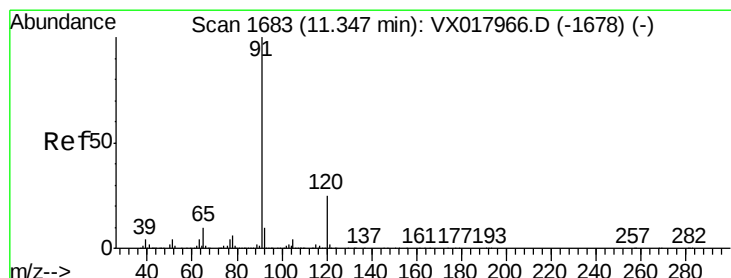
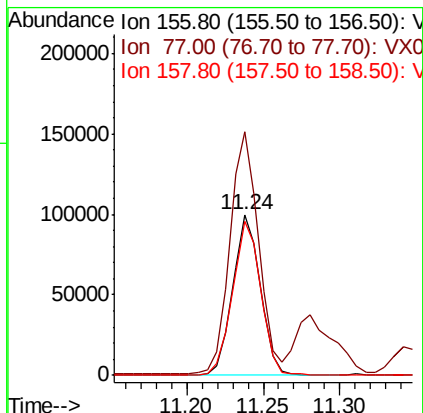
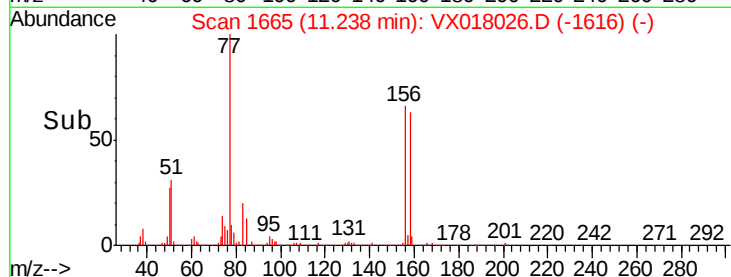
158 97.2 49.2 147.6



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: 17.338 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018026.D

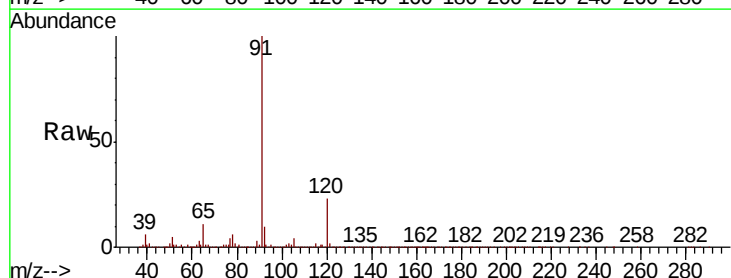
Acq: 20 Aug 2020 11:45

Tgt Ion: 91 Resp: 510296

Ion Ratio Lower Upper

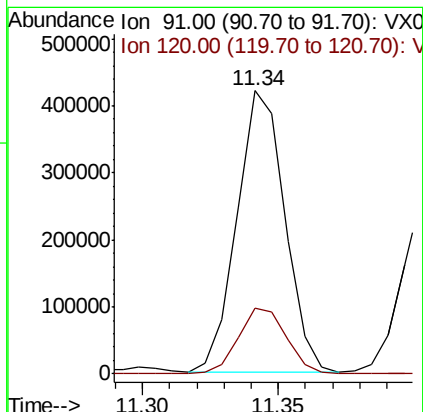
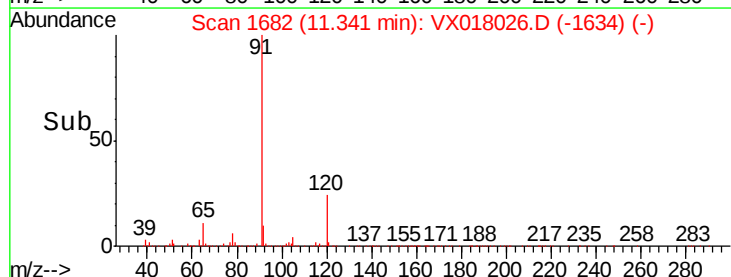
91 100

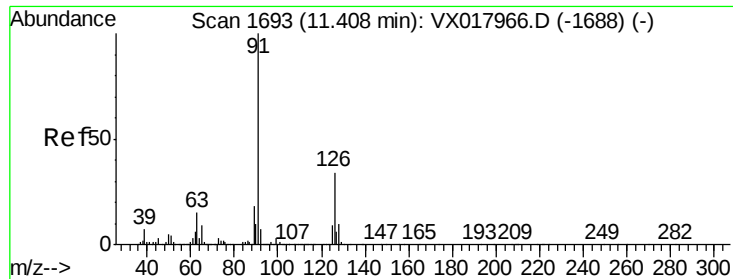
120 23.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.890 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

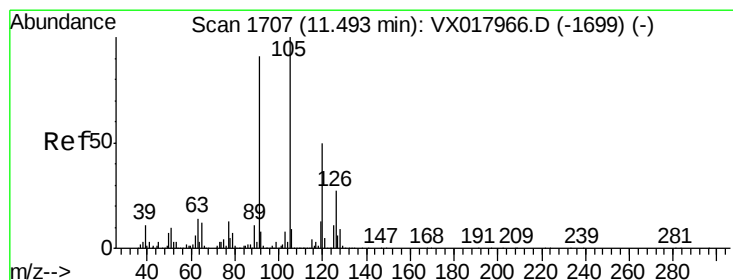
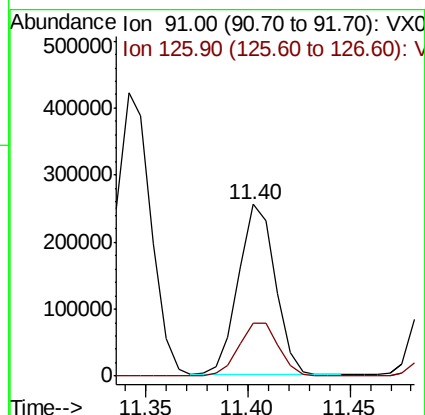
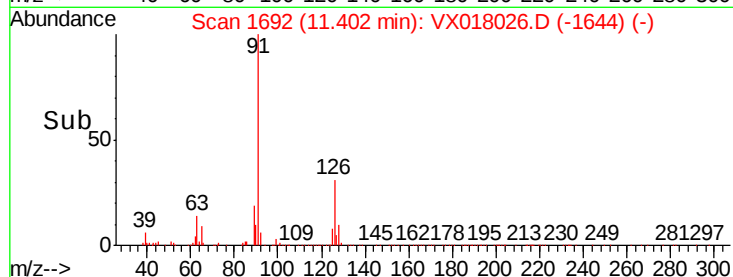
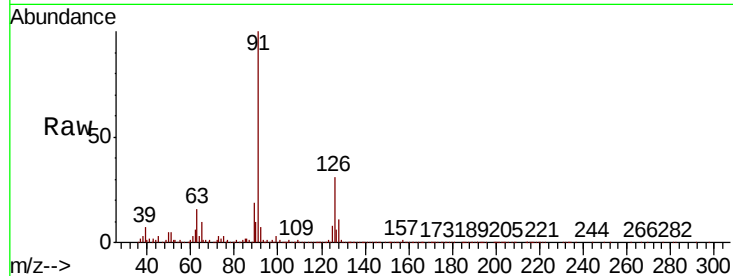
BFB

Tot Ion: 91 Resp: 320900

Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 17.459 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018026.D

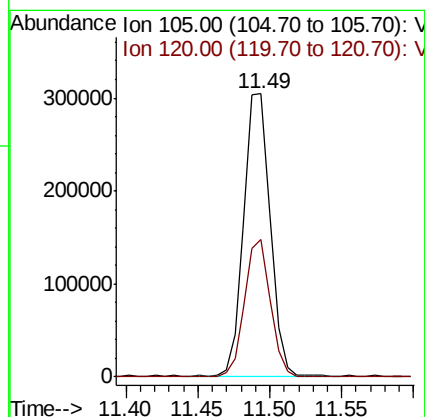
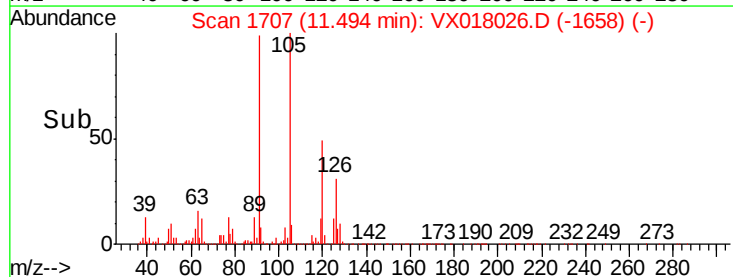
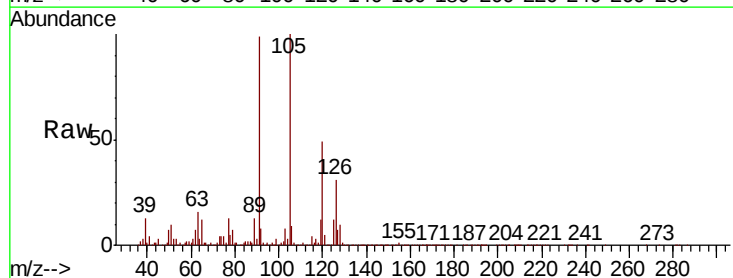
Acq: 20 Aug 2020 11:45

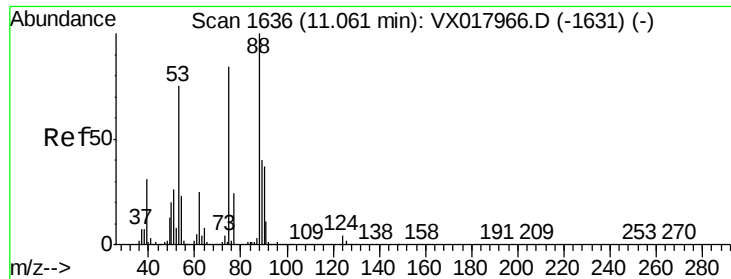
Tgt Ion:105 Resp: 385659

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.557 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

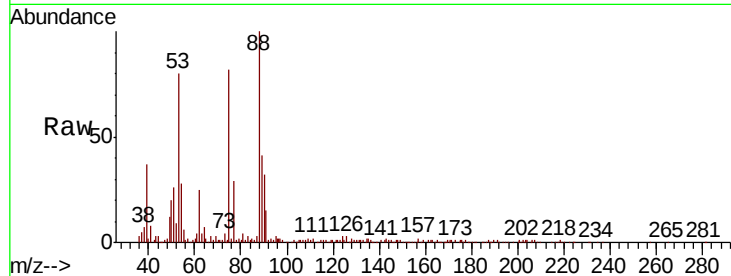
MSVOA_X

ClientSampleId :

BFB

Tot Ion: 75 Resp: 55565

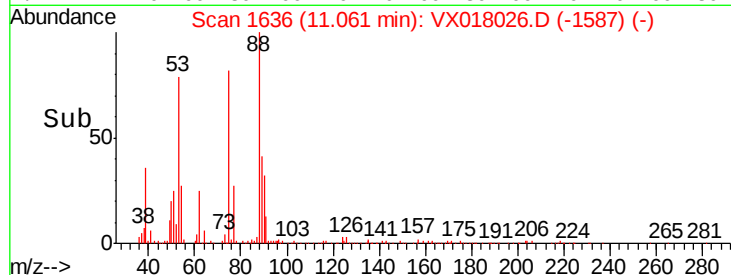
Ion	Ratio	Lower	Upper
75	100		
53	99.3	75.2	112.8
89	52.2	38.4	57.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.955 ug/l

RT: 11.49 min Scan# 1707

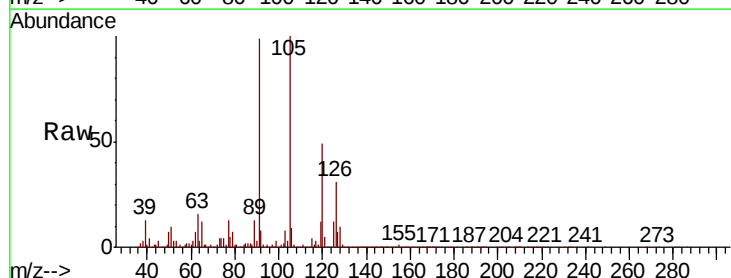
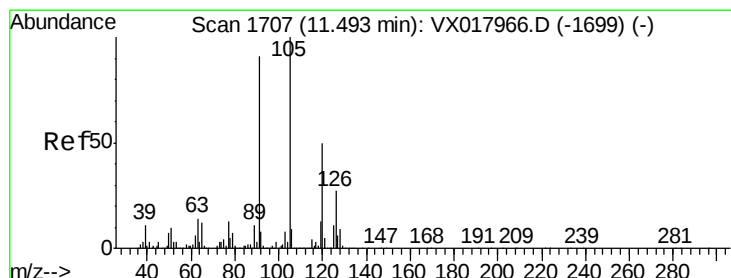
Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

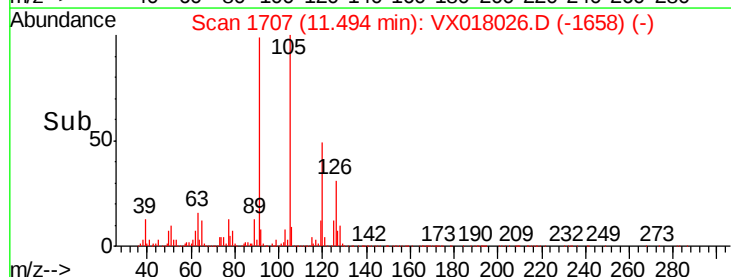
Tgt Ion: 91 Resp: 378727

Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.0	45.0

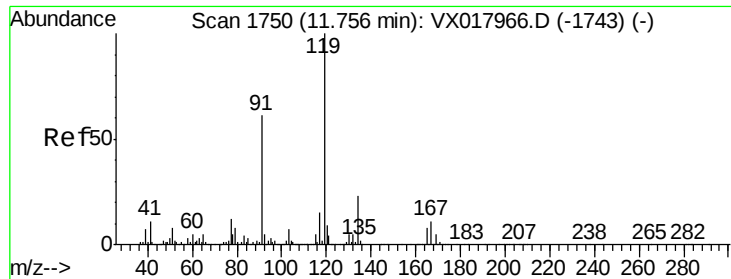


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#83

tert-Butylbenzene

Concen: 18.115 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

BFB

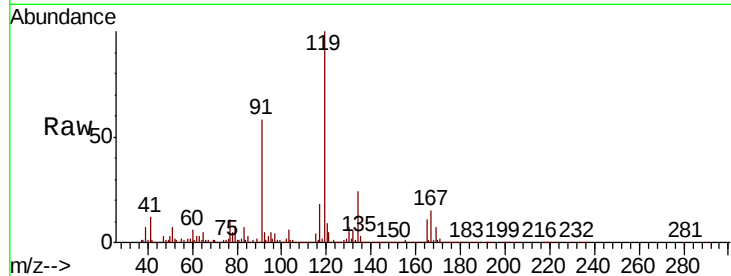
Tot Ion:119 Resp: 377875

Ion Ratio Lower Upper

119 100

91 56.1 30.1 90.5

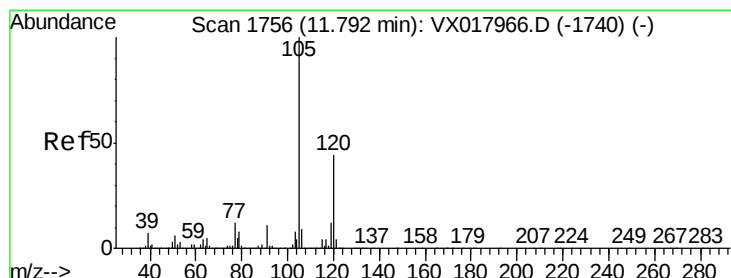
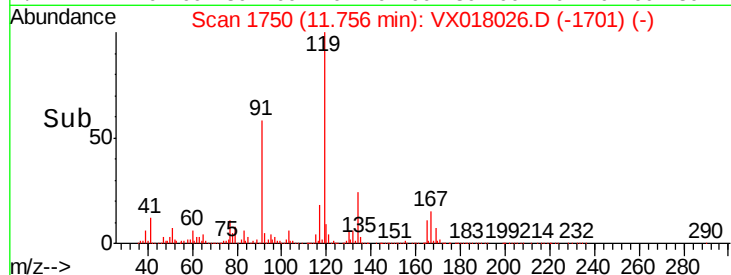
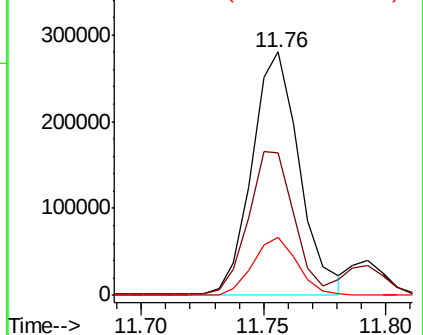
134 22.4 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.475 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018026.D

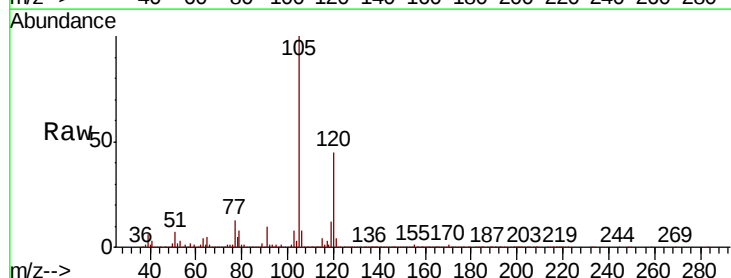
Acq: 20 Aug 2020 11:45

Tgt Ion:105 Resp: 399605

Ion Ratio Lower Upper

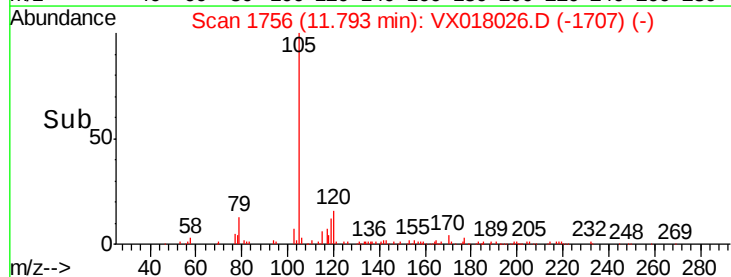
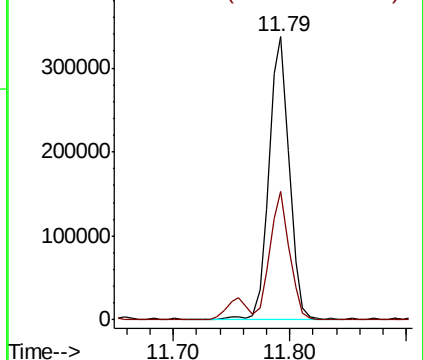
105 100

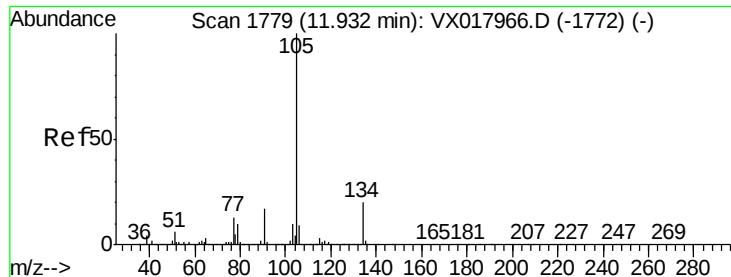
120 43.7 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

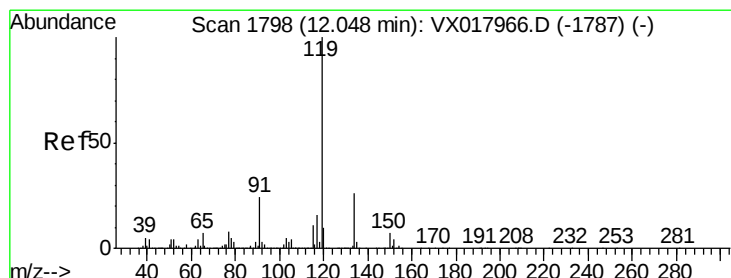
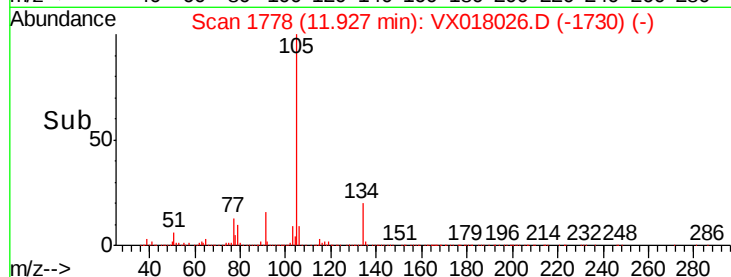
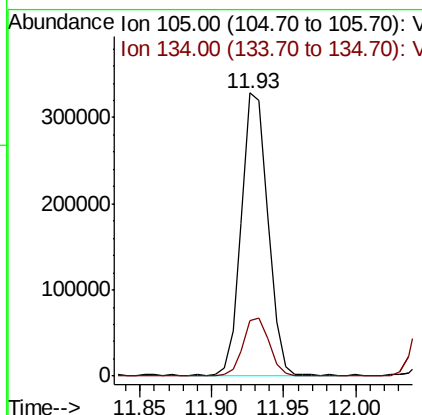
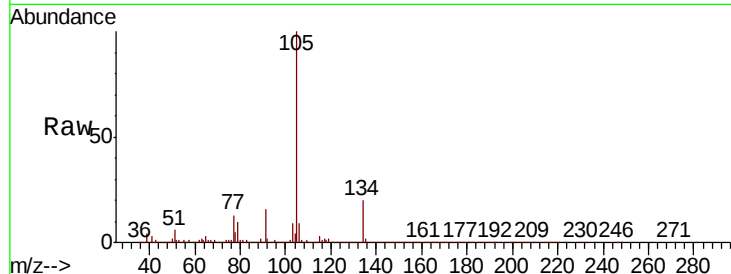




#85
 sec-Butylbenzene
 Concen: 16.721 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

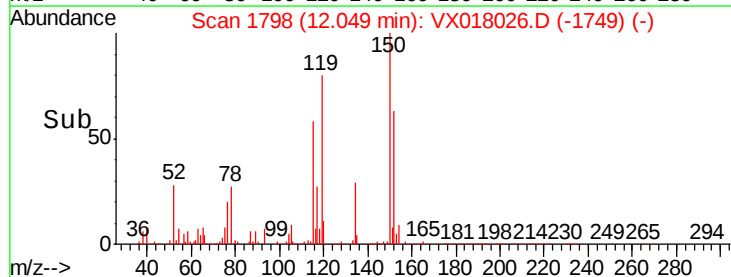
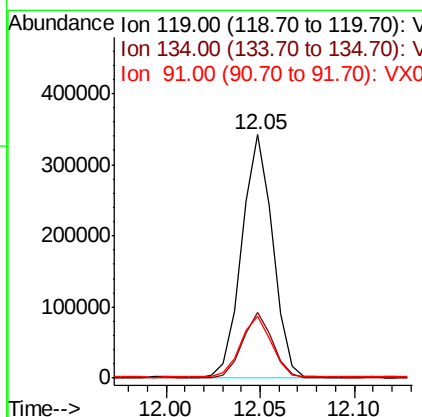
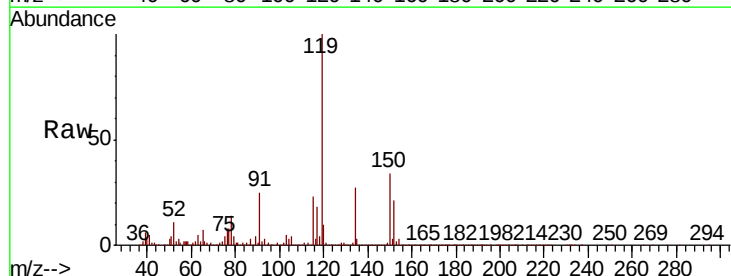
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

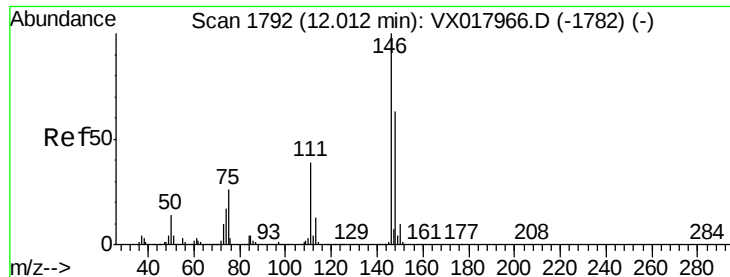
Tot Ion:105 Resp: 421064
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 16.463 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion:119 Resp: 385630
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.7 38.0
 91 25.2 12.2 36.4

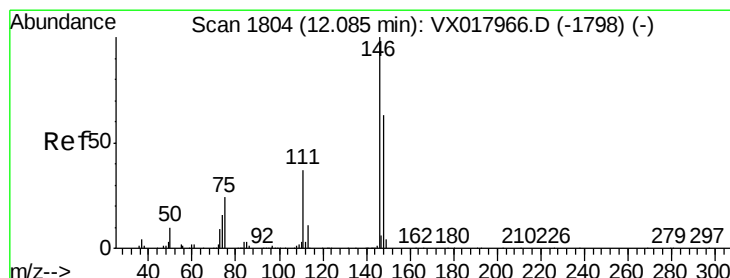
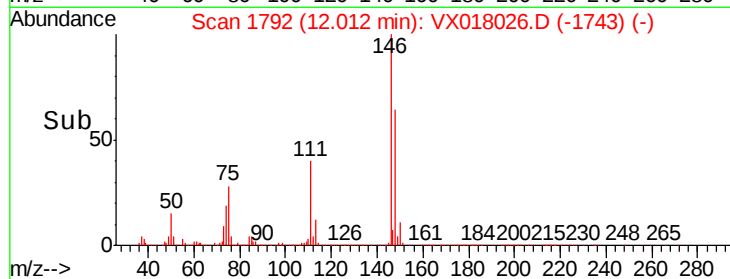
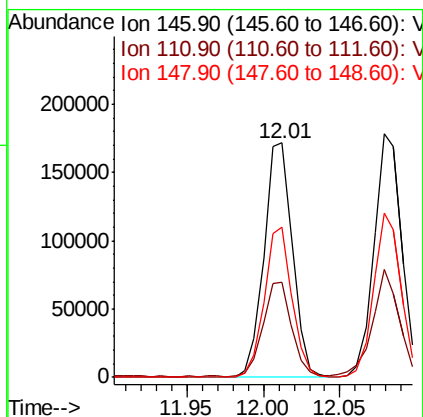
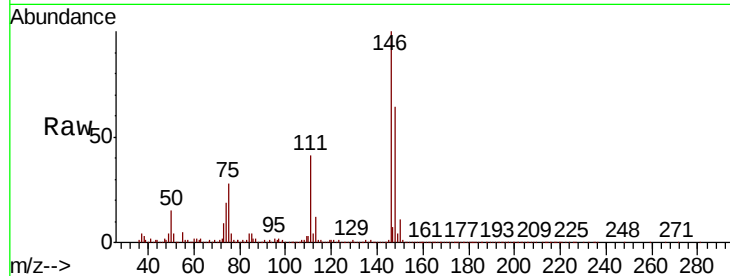




#87
 1,3-Dichlorobenzene
 Concen: 17.689 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

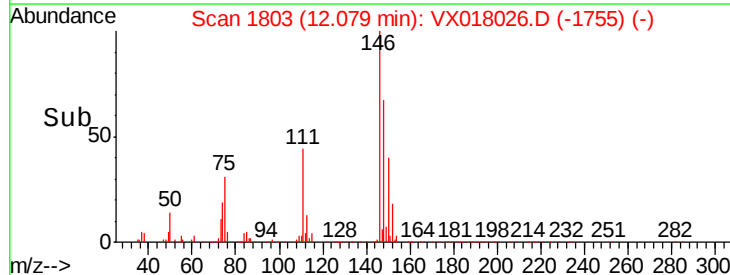
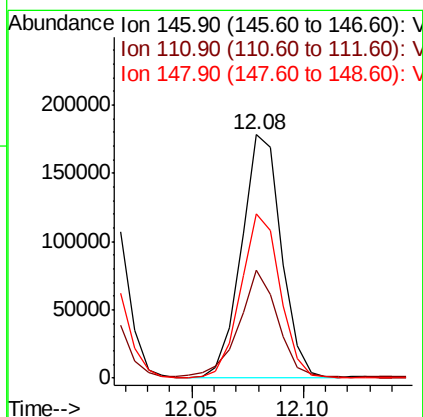
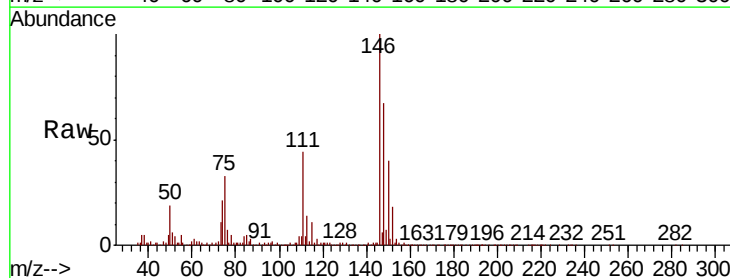
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

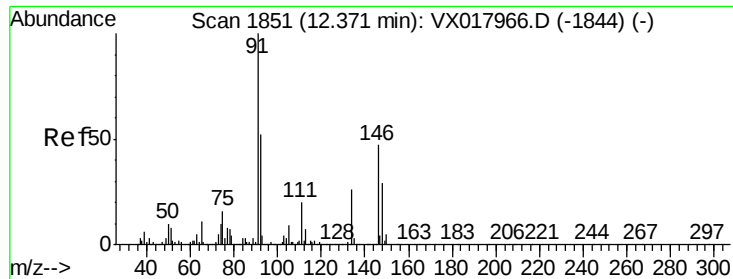
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.3
148	62.2	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 17.866 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.7	59.1
148	67.0	31.9	95.7

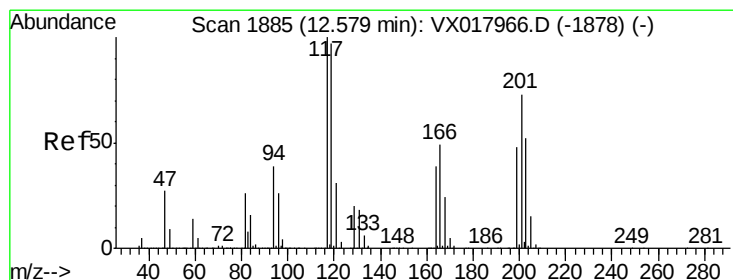
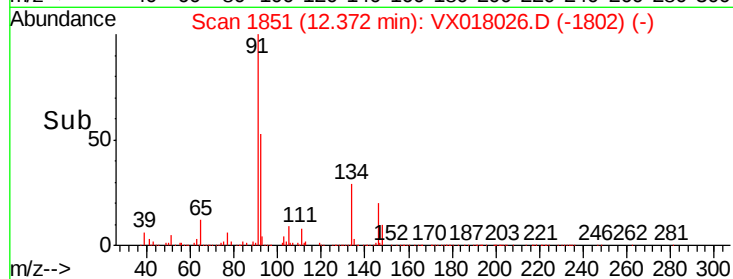
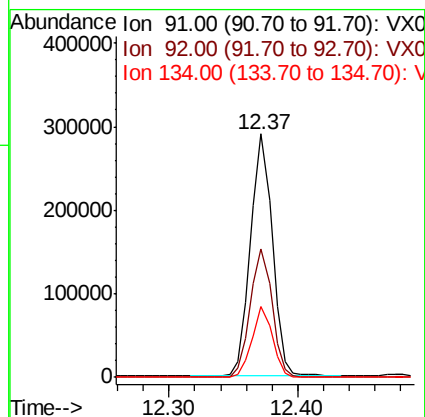
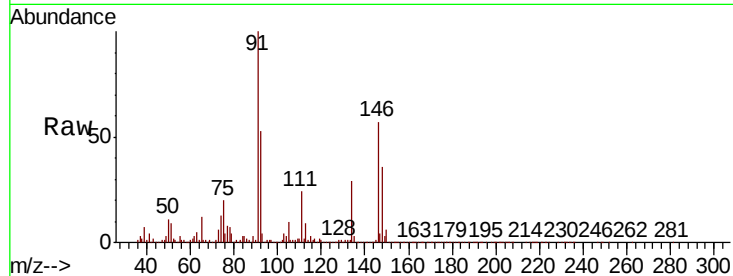




#89
n-Butylbenzene
Concen: 17.337 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

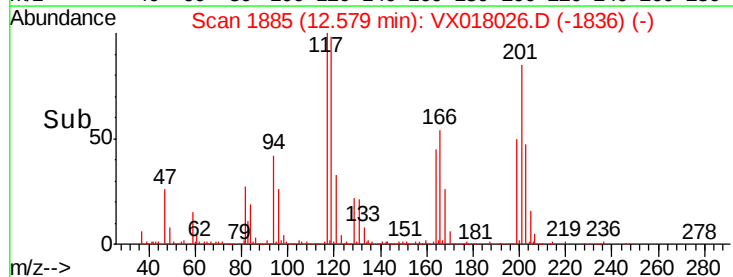
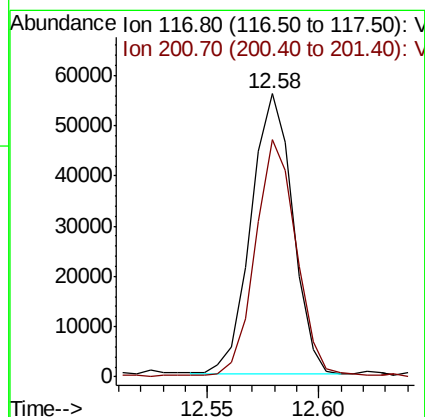
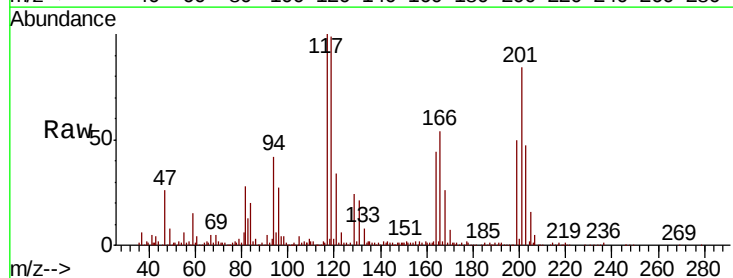
Instrument :
MSVOA_X
ClientSampleId :
BFB

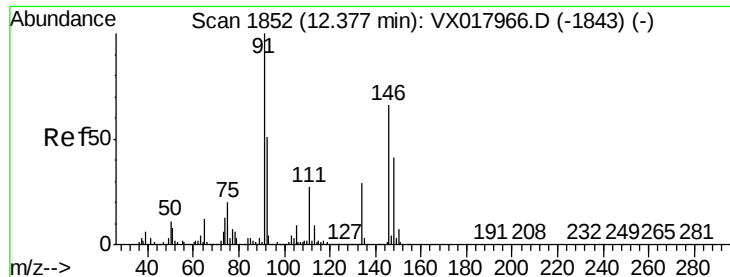
Tot Ion: 91 Resp: 336114
Ion Ratio Lower Upper
91 100
92 53.0 25.7 77.0
134 27.5 13.4 40.2



#90
Hexachloroethane
Concen: 15.684 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion: 117 Resp: 73066
Ion Ratio Lower Upper
117 100
201 81.4 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 18.700 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

BFB

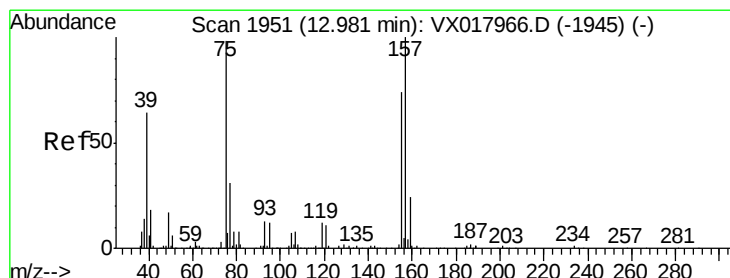
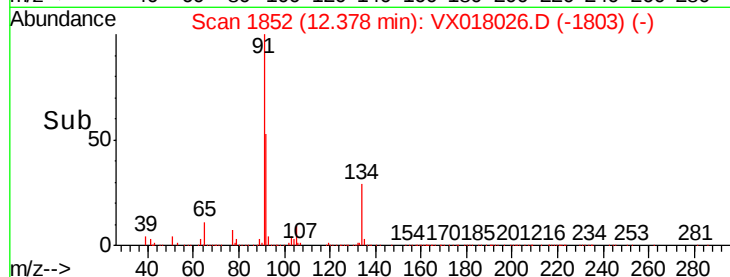
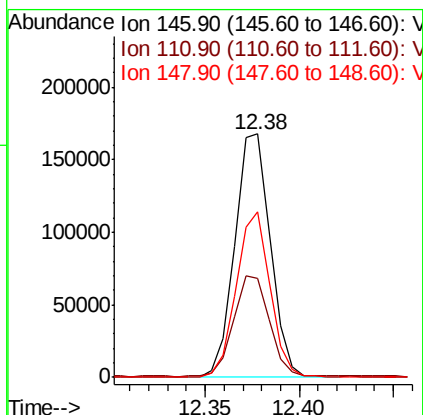
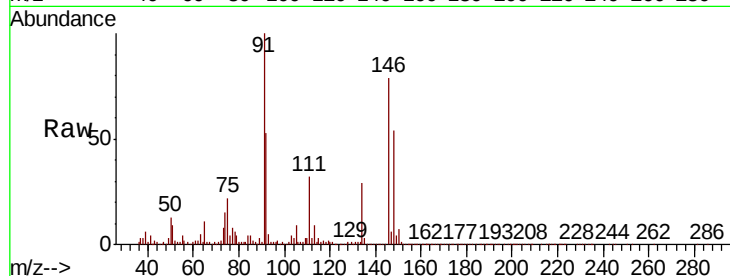
Tot Ion:146 Resp: 219361

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.2 31.2 93.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.997 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018026.D

Acq: 20 Aug 2020 11:45

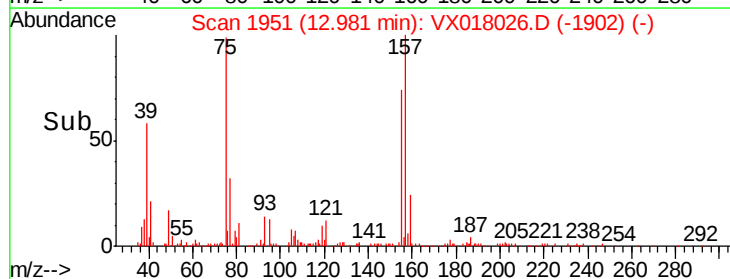
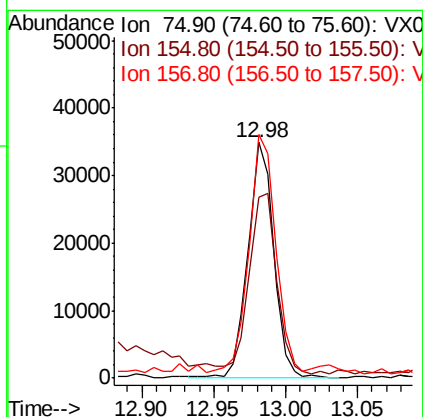
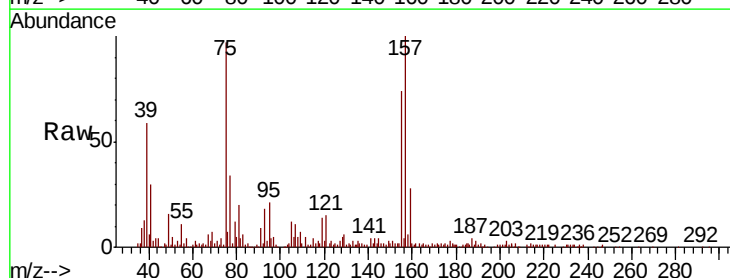
Tgt Ion: 75 Resp: 42481

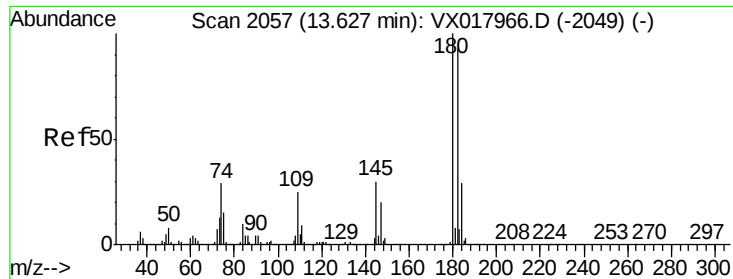
Ion Ratio Lower Upper

75 100

155 83.6 40.5 121.5

157 106.2 54.4 163.2

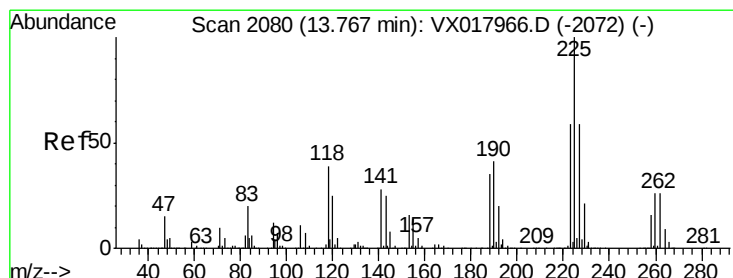
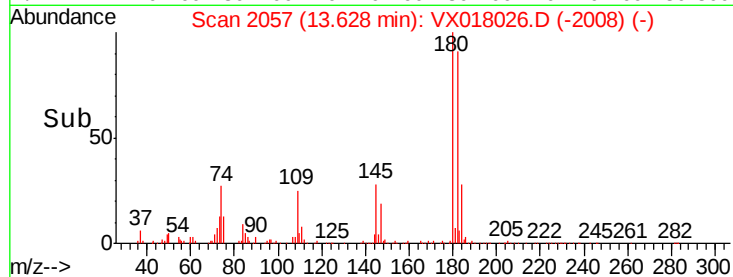
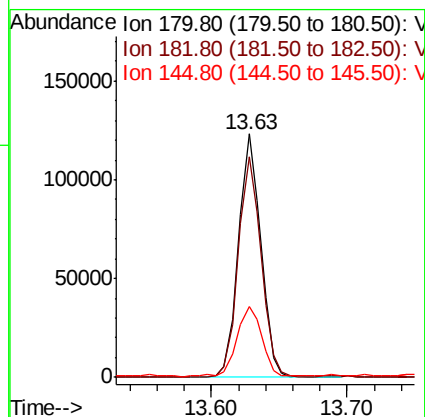
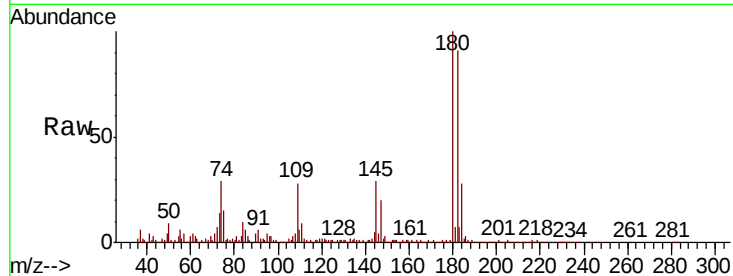




#93
 1,2,4-Trichlorobenzene
 Concen: 18.284 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

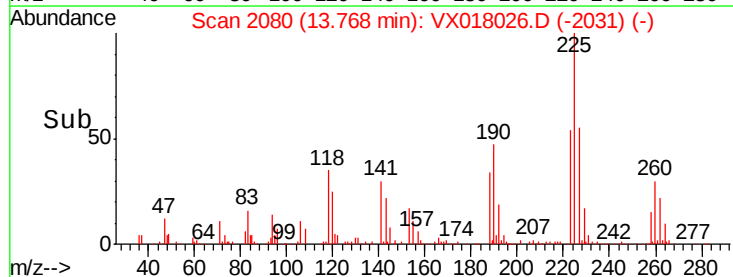
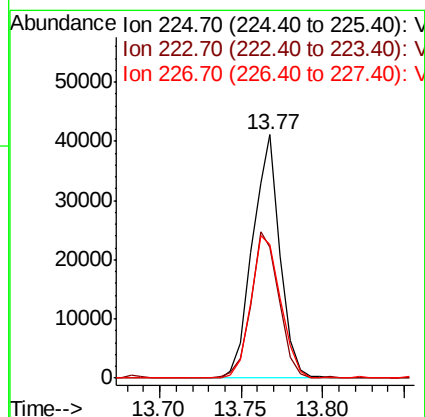
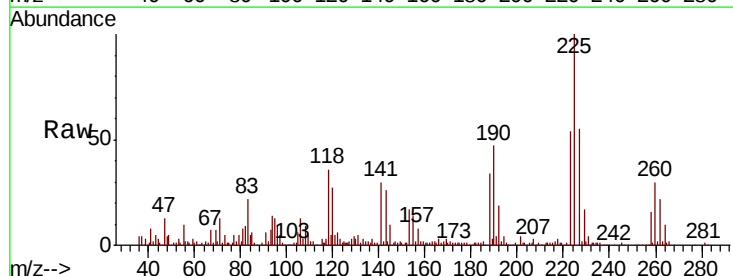
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

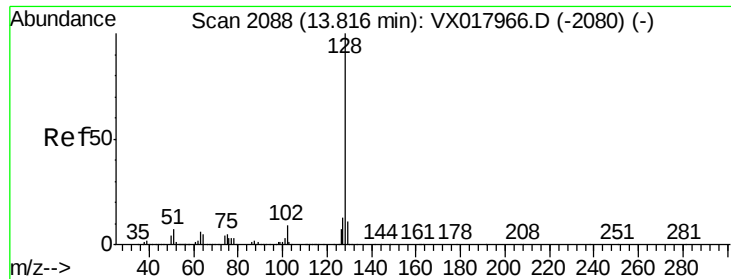
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.8	146.4
145	32.0	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 14.647 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018026.D
 Acq: 20 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	32.1	96.3
227	63.1	29.8	89.5

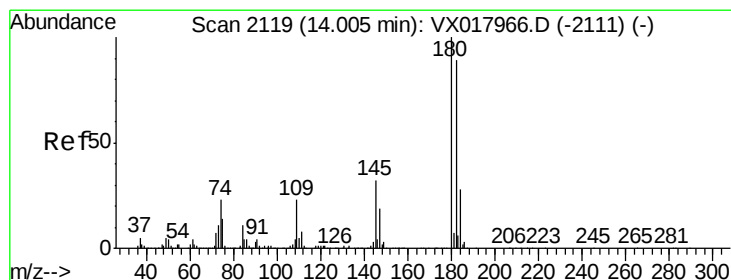
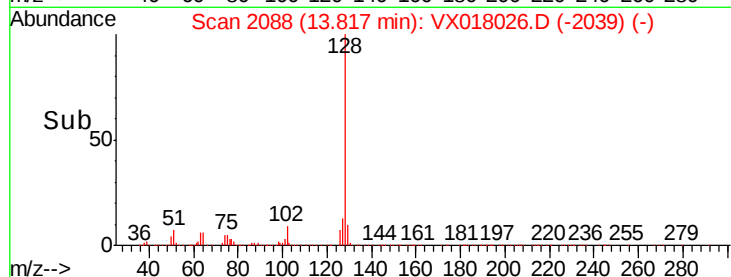
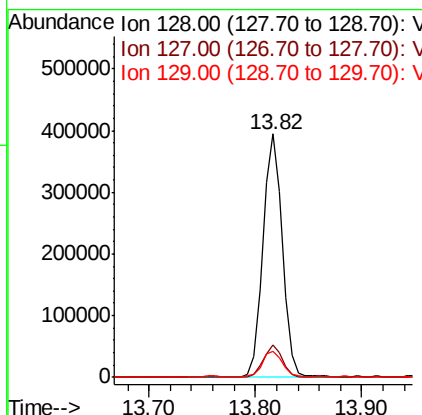
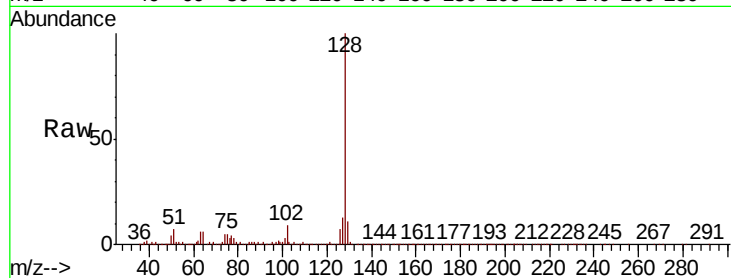




#95
Naphthalene
Concen: 20.433 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:128 Resp: 497747
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.844 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018026.D
Acq: 20 Aug 2020 11:45

Tgt Ion:180 Resp: 140025
Ion Ratio Lower Upper
180 100
182 96.0 46.6 139.8
145 33.7 16.8 50.4

