

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032380.D
 Acq On : 25 Oct 2022 21:26
 Operator : JC/MD
 Sample : BFB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Oct 27 14:19:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	1163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	1154	50.000	ug/l	0.01
63) Chlorobenzene-d5	10.061	117	940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	640	42.302	ug/l	0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.600%
35) Dibromofluoromethane	5.379	113	290	36.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	72.220%#
50) Toluene-d8	8.659	98	1090	37.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	75.420%#
62) 4-Bromofluorobenzene	11.079	95	46744	4415.995	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8832.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	102	9.587	ug/l #	41
3) Chloromethane	1.288	50	52	3.280	ug/l #	44
4) Vinyl Chloride	1.380	62	69	6.021	ug/l #	1
5) Bromomethane	1.611	94	387	32.255	ug/l	92
6) Chloroethane	1.636	64	107	11.101	ug/l #	25
7) Trichlorofluoromethane	1.880	101	200	9.818	ug/l #	18
9) 1,1,2-Trichlorotrifluo...	2.325	101	72	6.519	ug/l #	29
10) Methyl Iodide	2.453	142	253	15.852	ug/l #	85
11) Tert butyl alcohol	2.953	59	414	188.633	ug/l #	74
12) 1,1-Dichloroethene	2.325	96	112	10.789	ug/l #	46
13) Acrolein	2.245	56	57	30.949	ug/l #	14
14) Allyl chloride	2.666	41	125	7.667	ug/l #	50
15) Acrylonitrile	3.081	53	148	26.083	ug/l #	55
16) Acetone	2.379	43	202	41.142	ug/l #	44
17) Carbon Disulfide	2.514	76	1148	47.238	ug/l #	85
18) Methyl Acetate	2.703	43	19	1.140	ug/l #	50
20) Methylene Chloride	2.788	84	503	39.899	ug/l #	75
21) trans-1,2-Dichloroethene	3.099	96	282	24.942	ug/l #	70
23) Vinyl Acetate	3.733	43	347	12.160	ug/l #	71
25) 2-Butanone	4.568	43	20	2.609	ug/l #	48
27) cis-1,2-Dichloroethene	4.489	96	45	3.399	ug/l #	62
31) Cyclohexane	5.623	56	78	4.510	ug/l #	15
36) 1,1-Dichloropropene	5.708	75	152	14.715	ug/l #	41
37) Ethyl Acetate	4.568	43	20	1.977	ug/l #	68
39) Methylcyclohexane	7.385	83	173	14.019	ug/l #	23
40) Benzene	6.043	78	106	3.541	ug/l #	52
44) Trichloroethene	7.135	130	260	31.536	ug/l	81
51) 4-Methyl-2-Pentanone	8.580	43	18	1.809	ug/l #	36
52) Toluene	8.720	92	91	4.692	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	125	12.091	ug/l #	43
54) cis-1,3-Dichloropropene	8.378	75	37	3.191	ug/l #	32
59) 2-Hexanone	9.457	43	18	2.424	ug/l #	25
60) Dibromochloromethane	9.275	129	185	22.911	ug/l #	11
64) Tetrachloroethene	9.281	164	144	23.199	ug/l #	76
65) Chlorobenzene	10.085	112	315	16.345	ug/l #	86
67) Ethyl Benzene	10.201	91	530	15.533	ug/l #	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

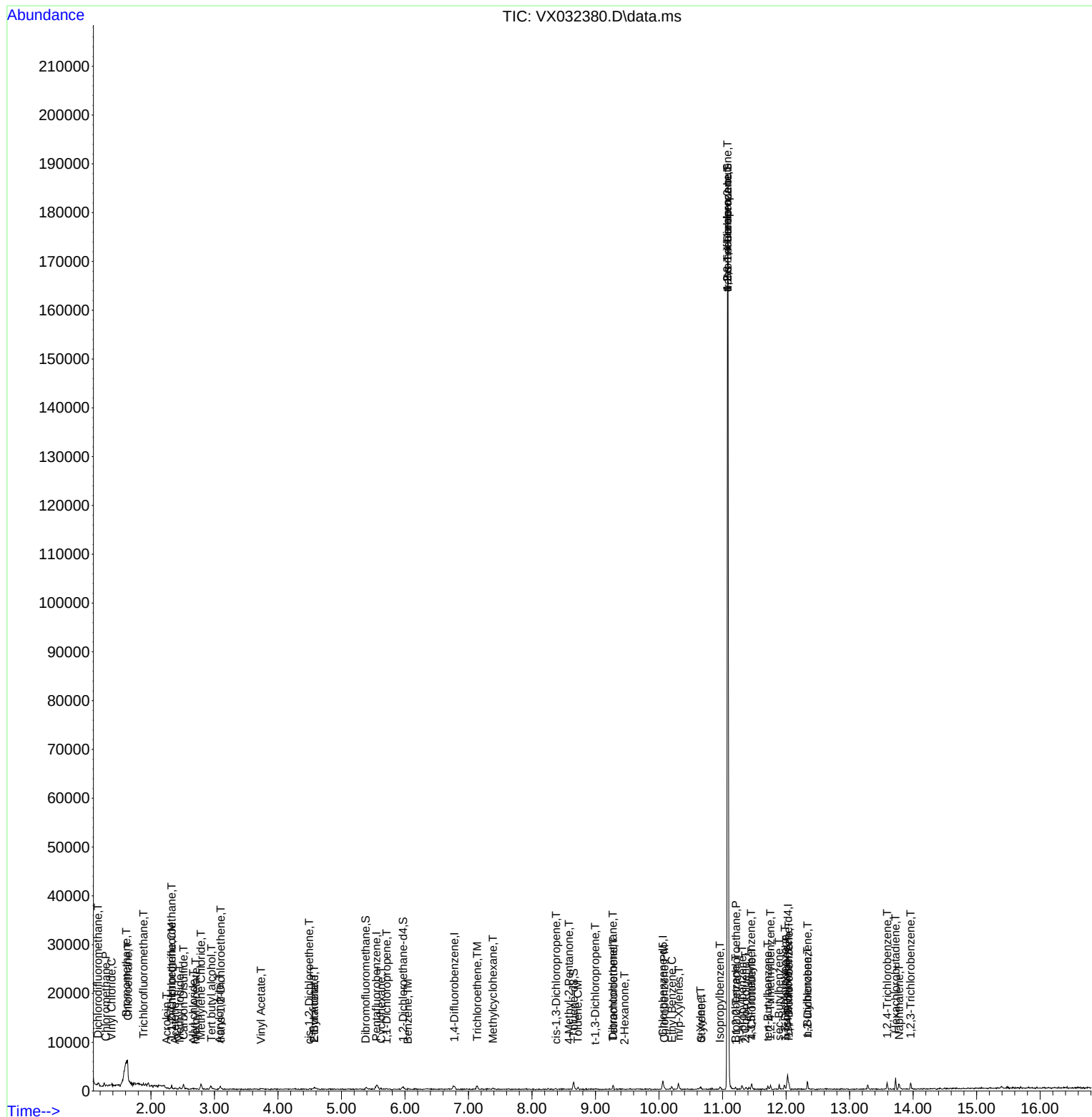
68) m/p-Xylenes	10.311	106	412	30.575	ug/l	91
69) o-Xylene	10.652	106	147	11.387	ug/l	85
70) Styrene	10.665	104	172	7.901	ug/l #	61
73) Isopropylbenzene	10.957	105	385	9.567	ug/l	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	19	1.469	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	25292	2263.217	ug/l #	45
77) Bromobenzene	11.207	156	22	2.230	ug/l #	1
78) n-propylbenzene	11.311	91	778	16.883	ug/l	95
79) 2-Chlorotoluene	11.360	91	373	13.431	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	465	13.377	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	25292	6719.102	ug/l #	6
82) 4-Chlorotoluene	11.457	91	569	17.597	ug/l	88
83) tert-Butylbenzene	11.713	119	412	11.846	ug/l #	83
84) 1,2,4-Trimethylbenzene	11.756	105	568	16.807	ug/l	97
85) sec-Butylbenzene	11.890	105	638	15.179	ug/l	98
86) p-Isopropyltoluene	12.006	119	517	14.456	ug/l	99
87) 1,3-Dichlorobenzene	11.981	146	531	27.968	ug/l	84
88) 1,4-Dichlorobenzene	12.042	146	492	25.227	ug/l	90
89) n-Butylbenzene	12.335	91	600	19.047	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	266	14.271	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	382	31.482	ug/l #	62
94) Hexachlorobutadiene	13.725	225	355	67.410	ug/l	87
95) Naphthalene	13.780	128	1223	31.470	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	435	35.643	ug/l	84

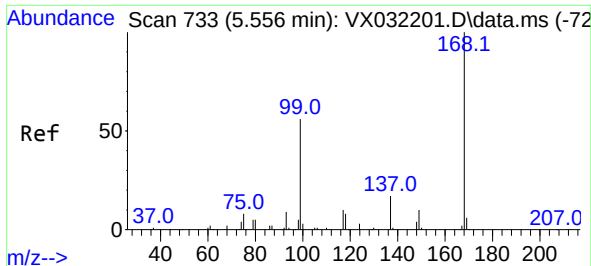
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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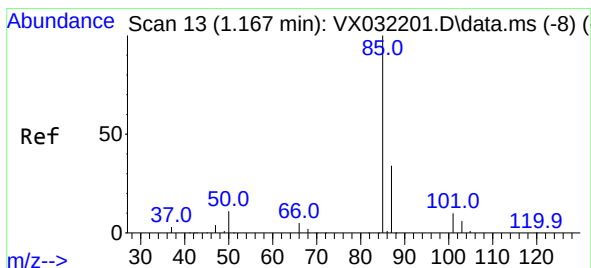
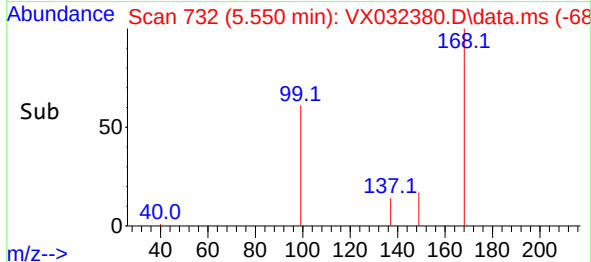
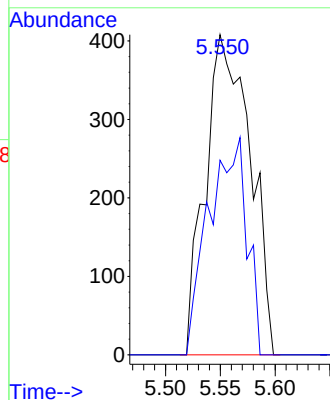
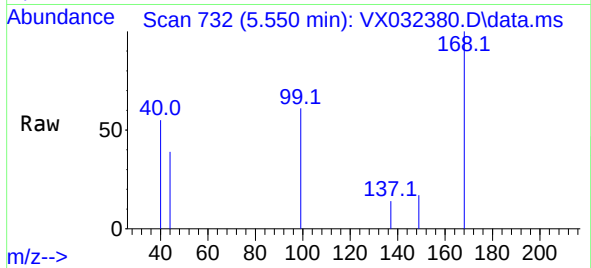




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032380.D
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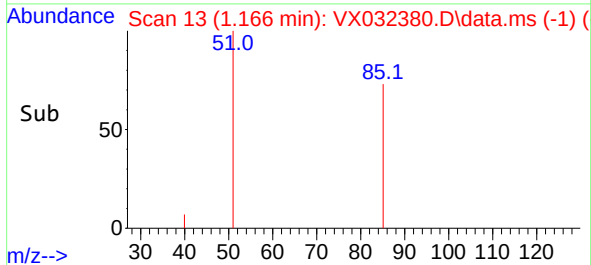
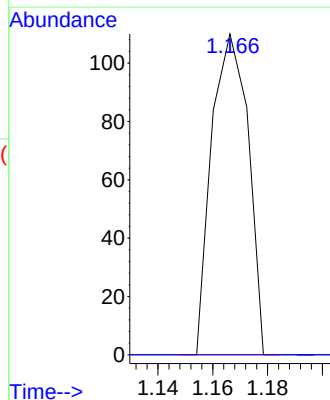
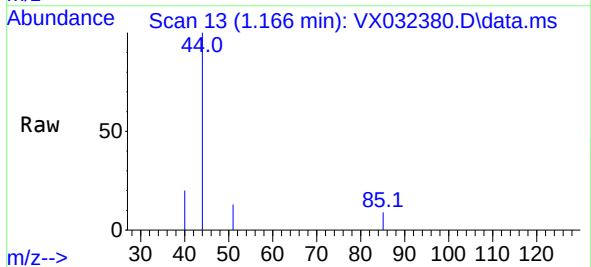
Instrument :
MSVOA_X
ClientSampleId :
BFB

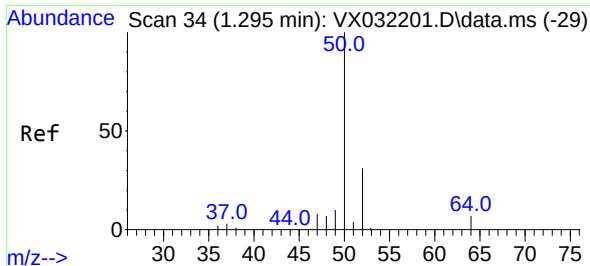
Tgt Ion:168 Resp: 1163
Ion Ratio Lower Upper
168 100
99 60.8 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 9.587 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 85 Resp: 102
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

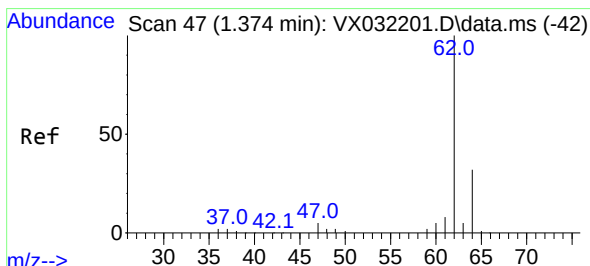
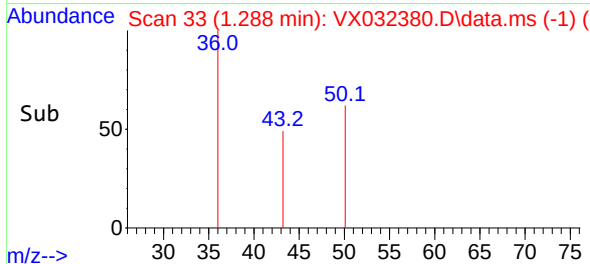
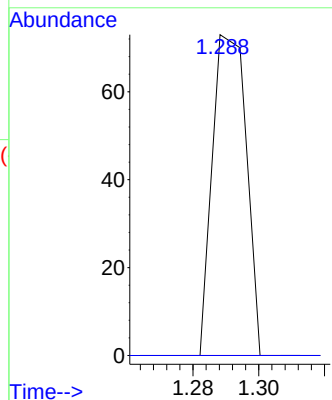
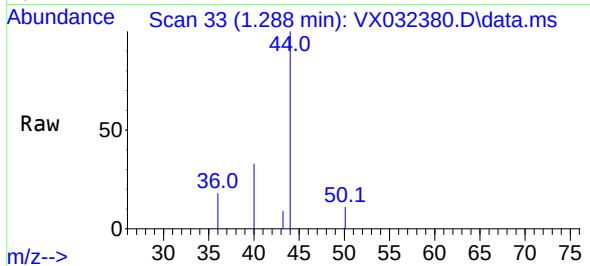




#3
Chloromethane
Concen: 3.280 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

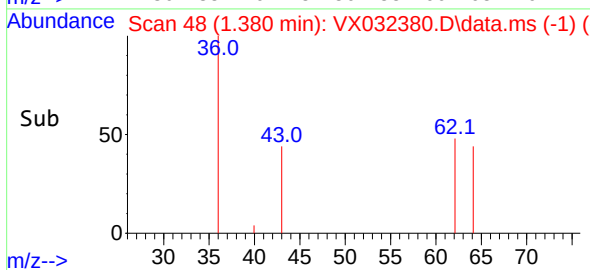
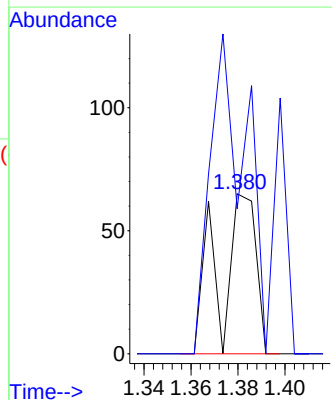
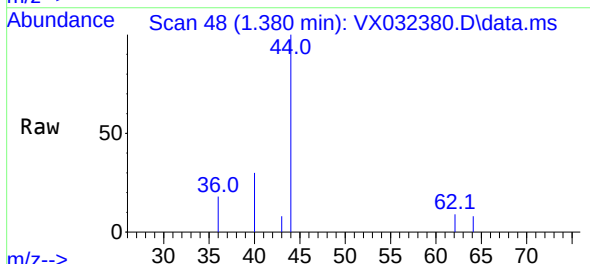
Instrument :
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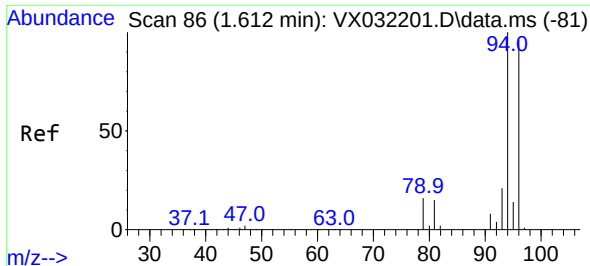
Tgt Ion: 50 Resp: 52
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



#4
Vinyl Chloride
Concen: 6.021 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 62 Resp: 69
Ion Ratio Lower Upper
62 100
64 90.8 26.6 39.8#

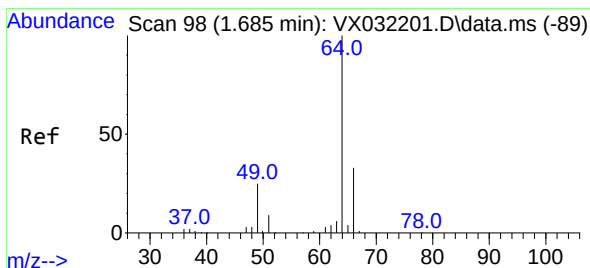
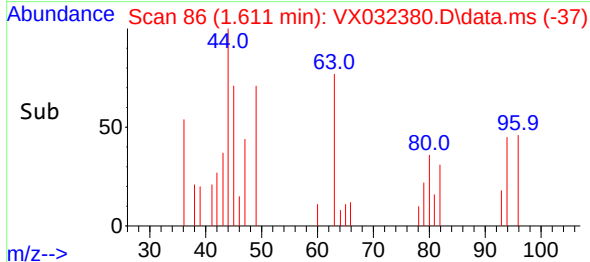
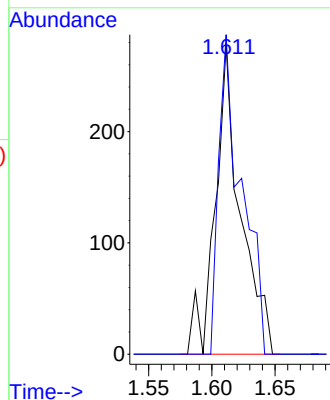
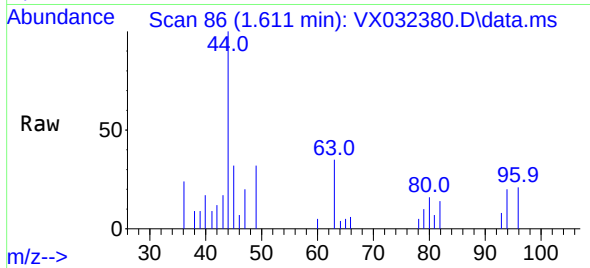




#5
Bromomethane
Concen: 32.255 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

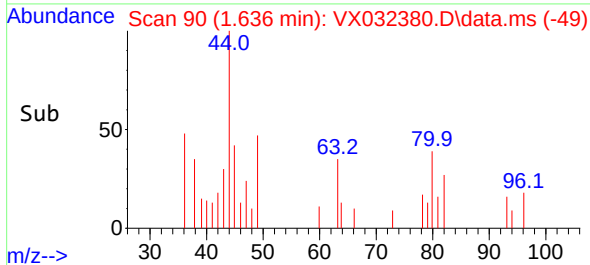
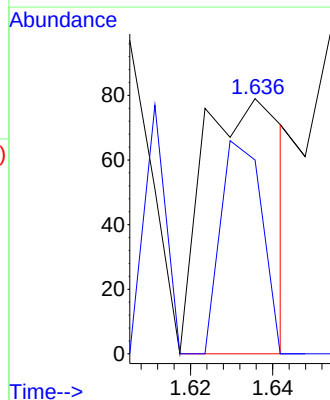
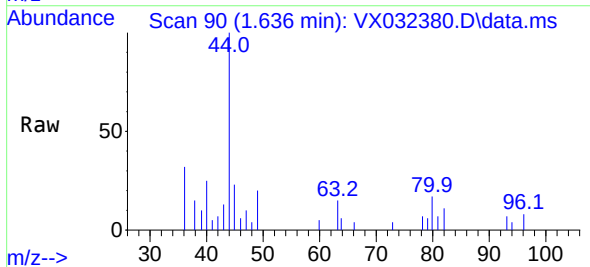
Instrument :
MSVOA_X
ClientSampleId :
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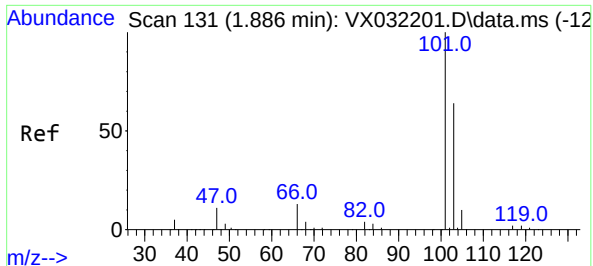
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 103.6 76.7 115.1



#6
Chloroethane
Concen: 11.101 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.049 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 75.9 26.6 39.8#

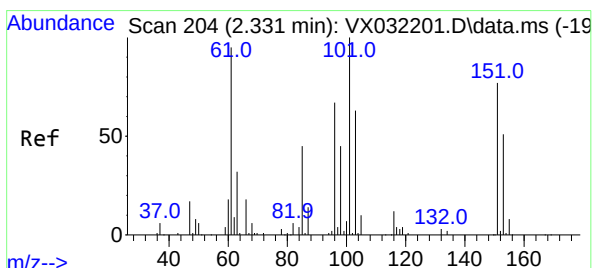
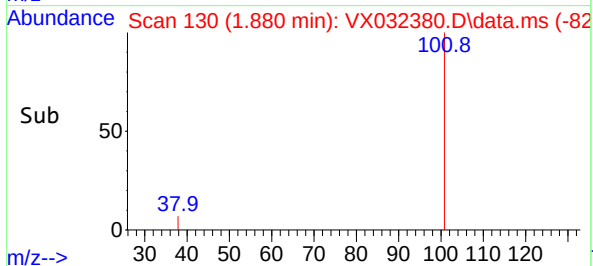
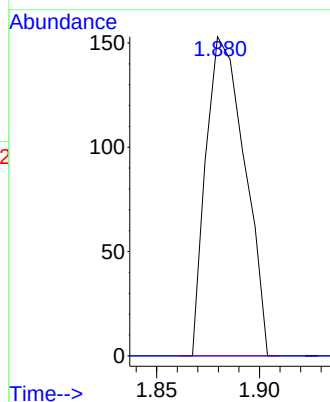
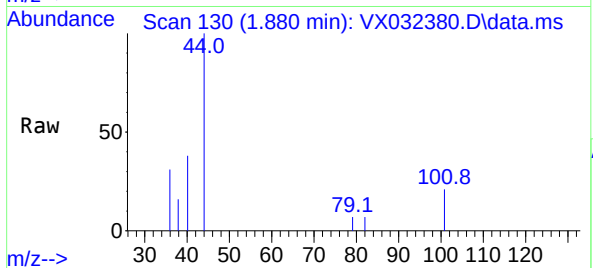




#7
Trichlorofluoromethane
Concen: 9.818 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

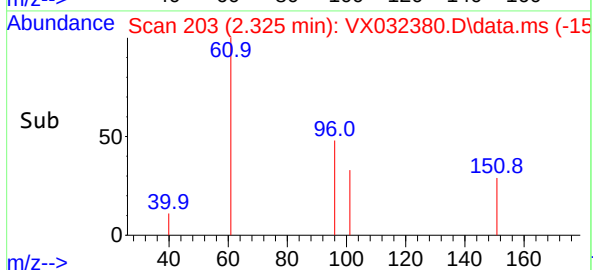
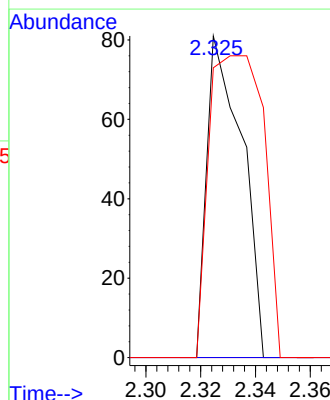
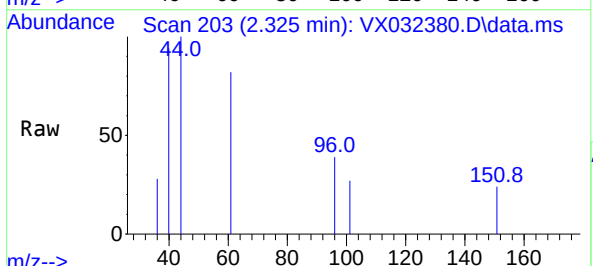
Instrument :
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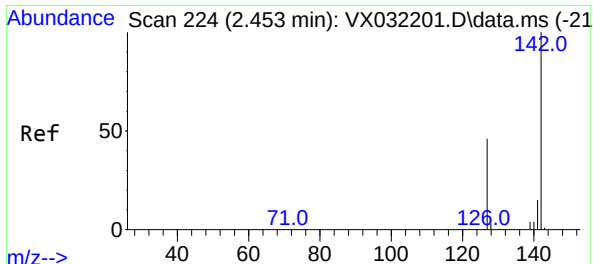
Tgt Ion:101 Resp: 200
Ion Ratio Lower Upper
101 100
103 0.0 51.3 76.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.519 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

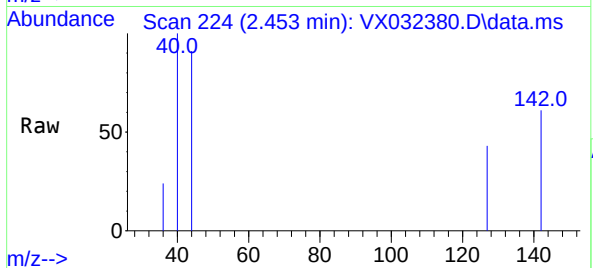
Tgt Ion:101 Resp: 72
Ion Ratio Lower Upper
101 100
85 0.0 36.5 54.7#
151 145.8 65.5 98.3#





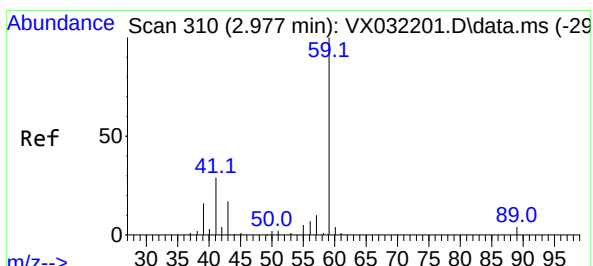
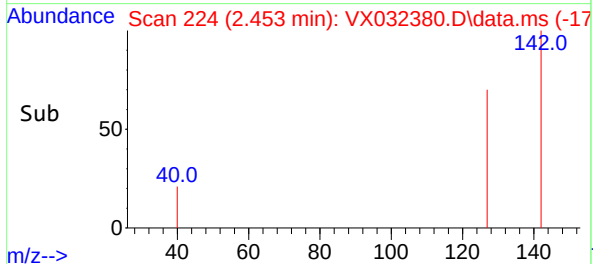
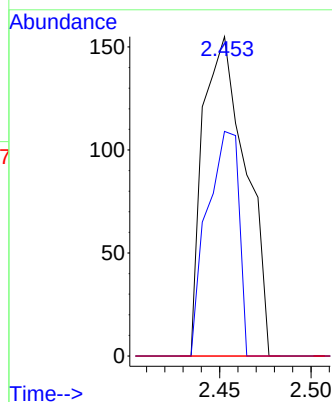
#10
Methyl Iodide
Concen: 15.852 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
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ClientSampleId :
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Tgt Ion:142 Resp: 253

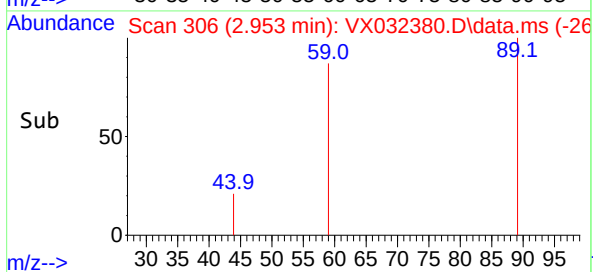
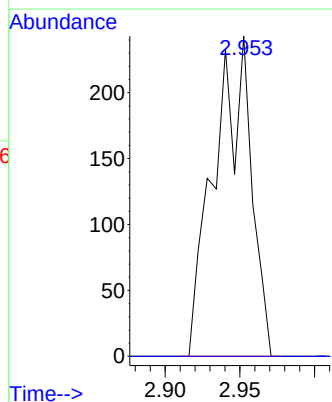
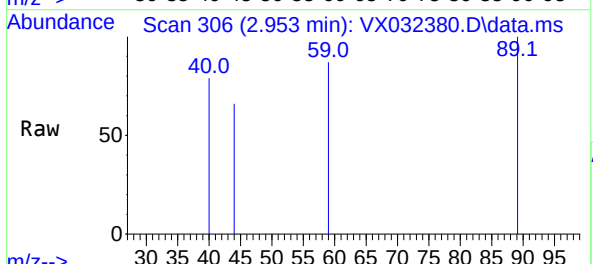
Ion	Ratio	Lower	Upper
142	100		
127	52.2	36.9	55.3
141	0.0	11.4	17.2#

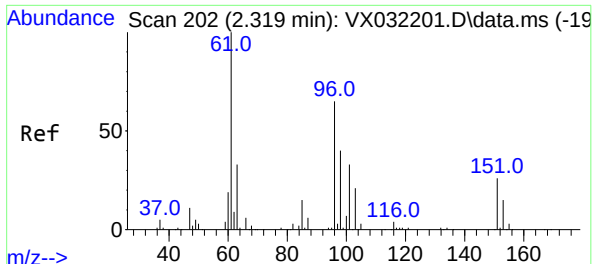


#11
Tert butyl alcohol
Concen: 188.633 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 59 Resp: 414

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#

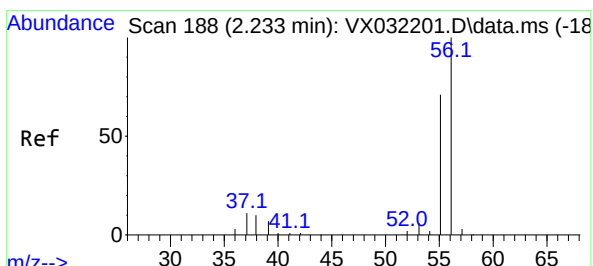
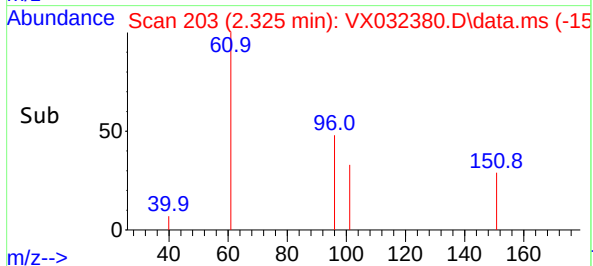
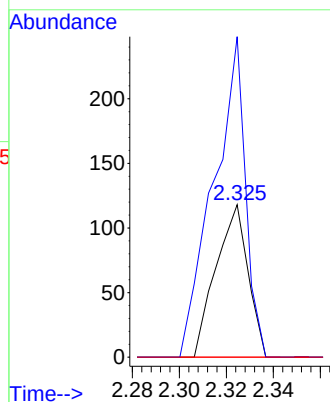
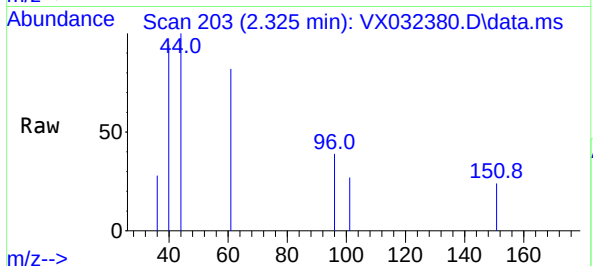




#12
1,1-Dichloroethene
Concen: 10.789 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032380.D
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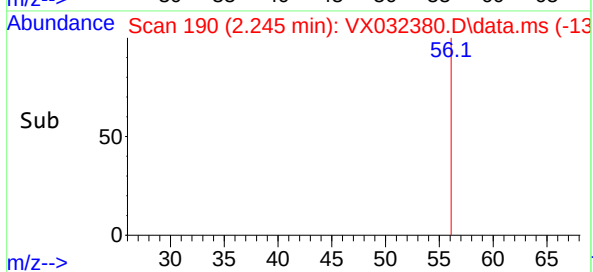
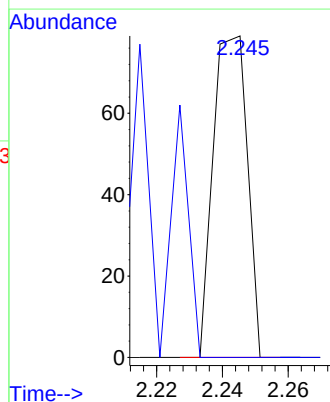
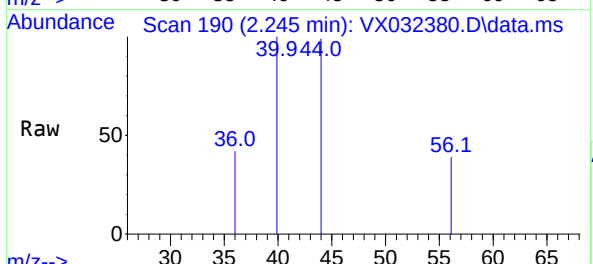
Instrument :
MSVOA_X
ClientSampleId :
BFB

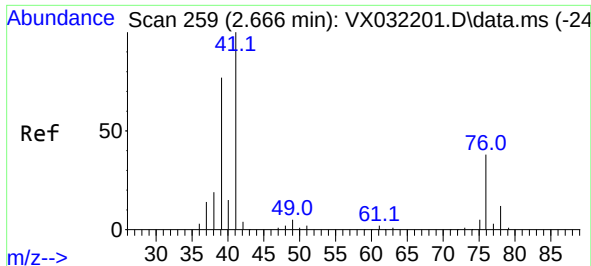
Tgt Ion: 96 Resp: 112
Ion Ratio Lower Upper
96 100
61 210.2 124.0 186.0#
98 0.0 50.0 75.0#



#13
Acrolein
Concen: 30.949 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

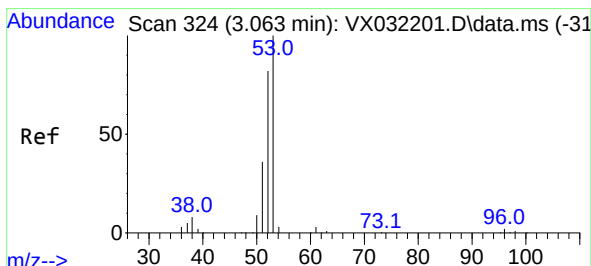
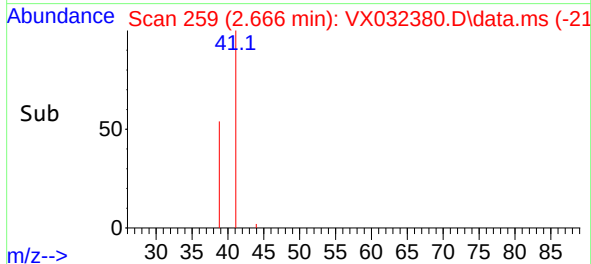
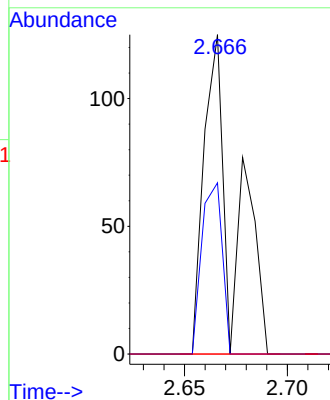
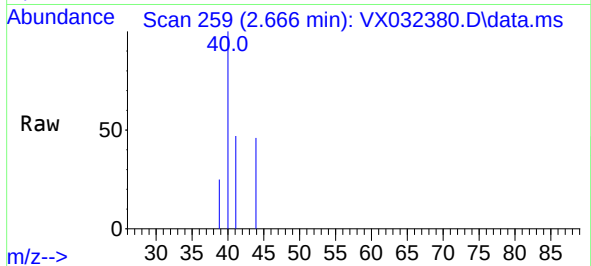




#14
 Allyl chloride
 Concen: 7.667 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX032380.D
 Acq: 25 Oct 2022 21:26

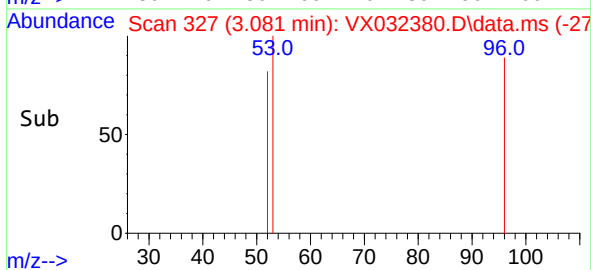
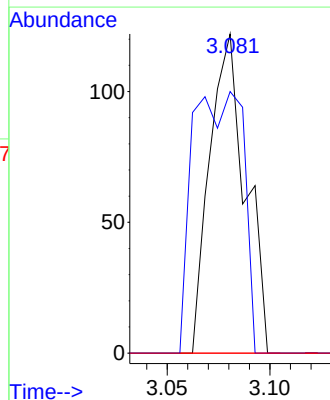
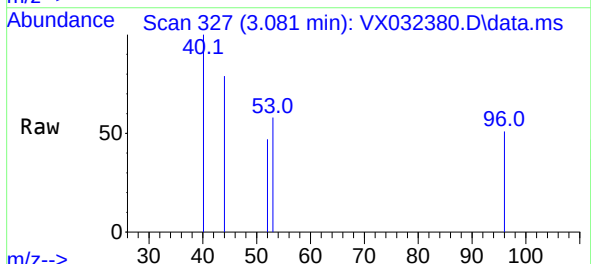
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

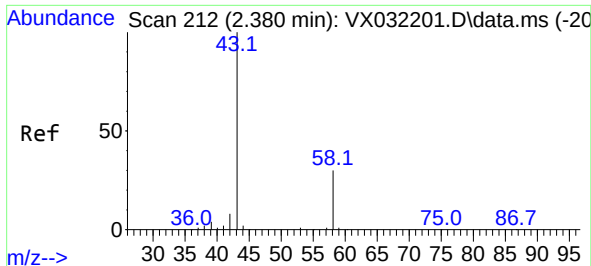
Tgt Ion: 41	Resp:	125
Ion	Ratio	Lower Upper
41	100	
39	36.8	59.5 89.3#
76	0.0	28.6 42.8#



#15
 Acrylonitrile
 Concen: 26.083 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.018 min
 Lab File: VX032380.D
 Acq: 25 Oct 2022 21:26

Tgt Ion: 53	Resp:	148
Ion	Ratio	Lower Upper
53	100	
52	116.2	65.9 98.9#
51	0.0	29.7 44.5#

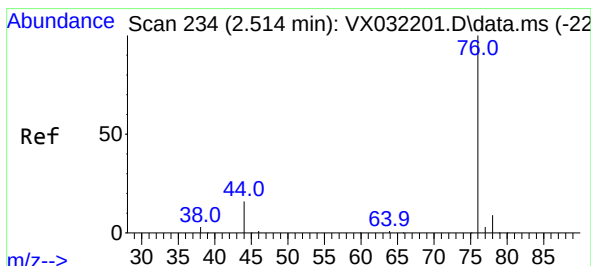
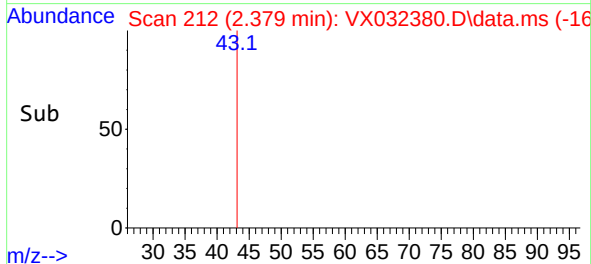
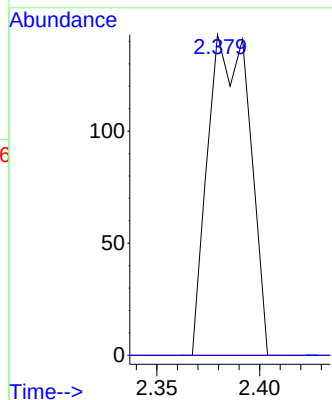
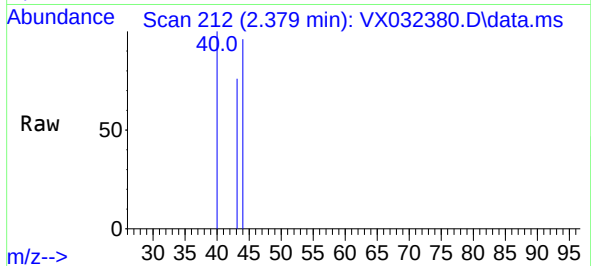




#16
Acetone
Concen: 41.142 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

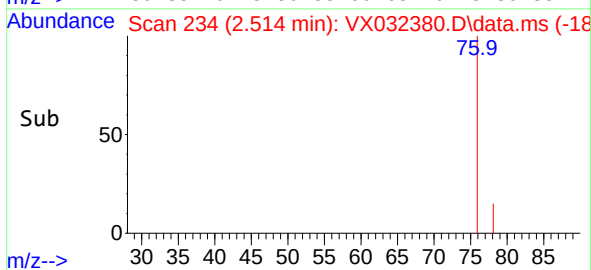
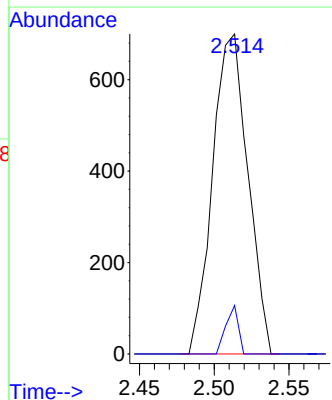
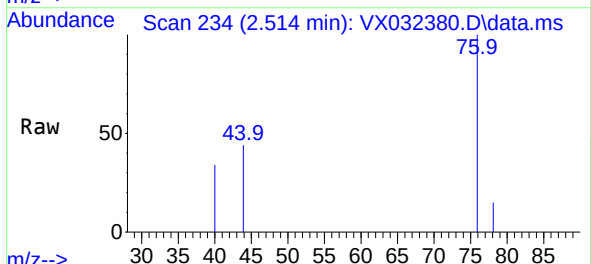
Instrument :
MSVOA_X
ClientSampleId :
BFB

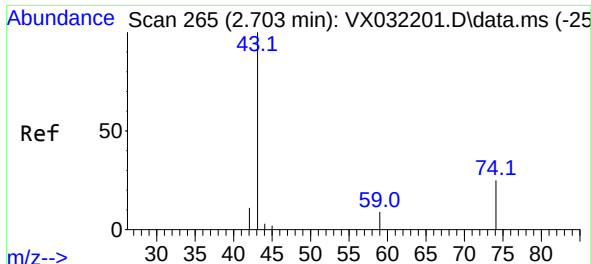
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#17
Carbon Disulfide
Concen: 47.238 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 76 Resp: 1148
Ion Ratio Lower Upper
76 100
78 15.1 7.6 11.4#





#18

Methyl Acetate

Concen: 1.140 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

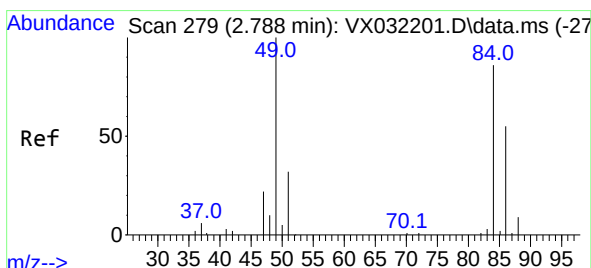
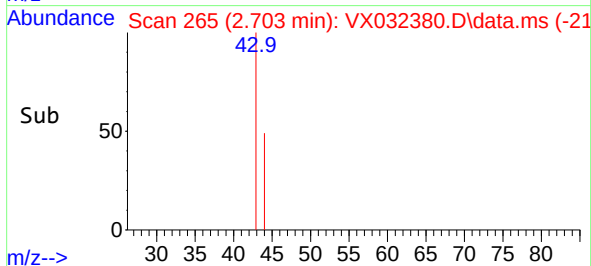
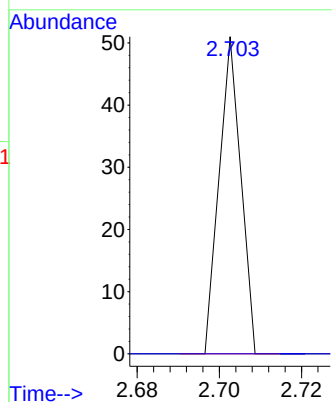
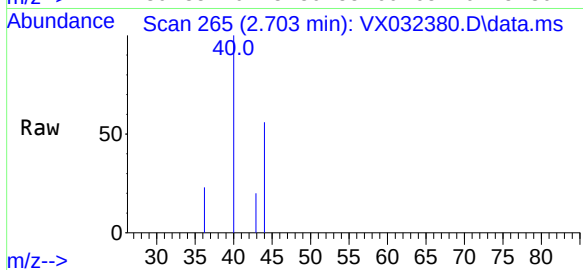
BFB

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#20

Methylene Chloride

Concen: 39.899 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Tgt Ion: 84 Resp: 503

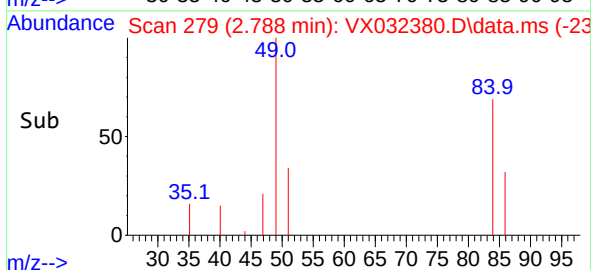
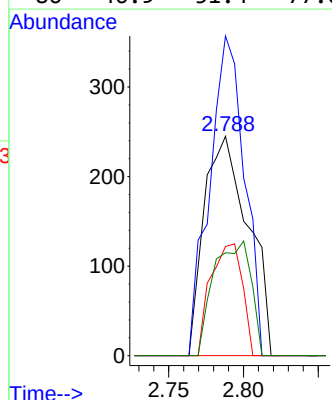
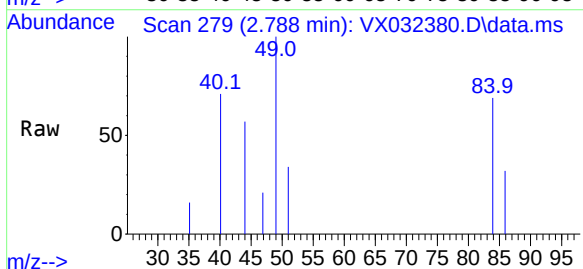
Ion Ratio Lower Upper

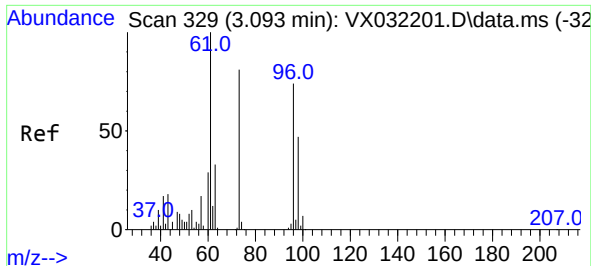
84 100

49 145.7 92.6 139.0#

51 49.8 29.2 43.8#

86 46.9 51.4 77.0#

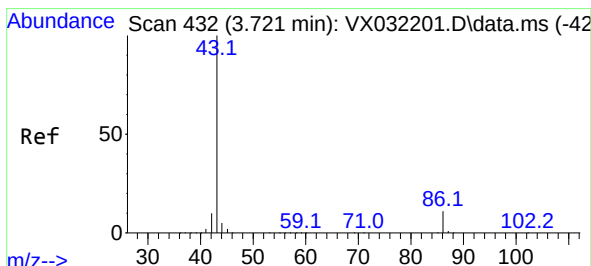
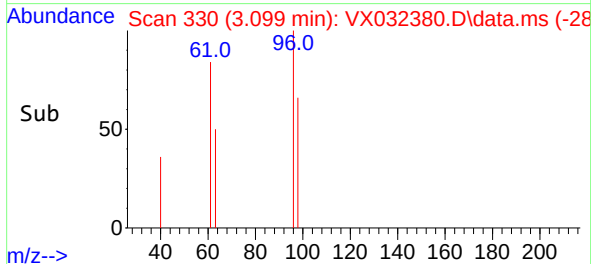
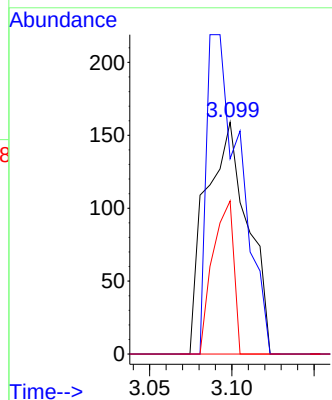
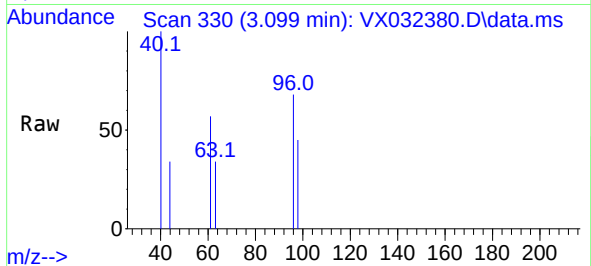




#21
trans-1,2-Dichloroethene
Concen: 24.942 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

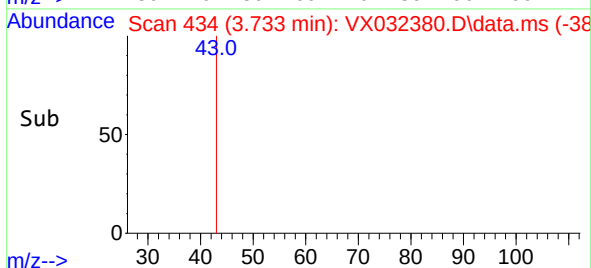
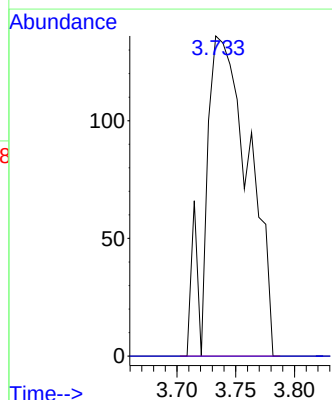
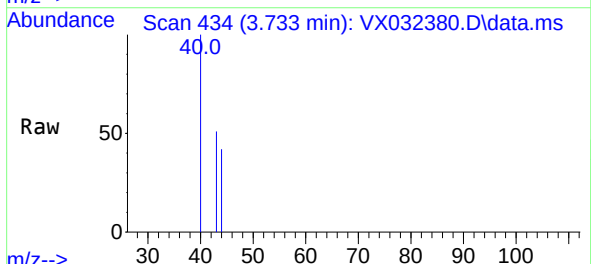
Instrument :
MSVOA_X
ClientSampleId :
BFB

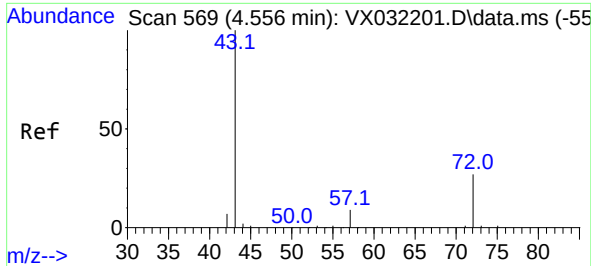
Tgt Ion: 96 Resp: 282
Ion Ratio Lower Upper
96 100
61 84.3 107.7 161.5#
98 66.0 50.2 75.4



#23
Vinyl Acetate
Concen: 12.160 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#





#25

2-Butanone

Concen: 2.609 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

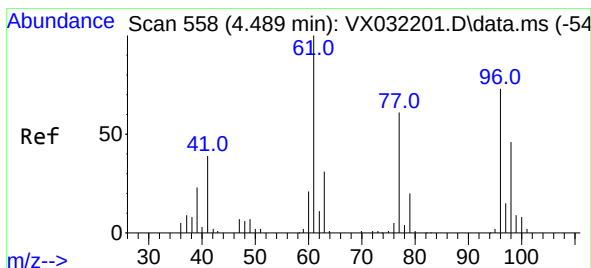
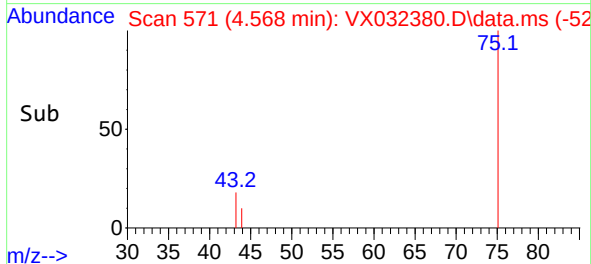
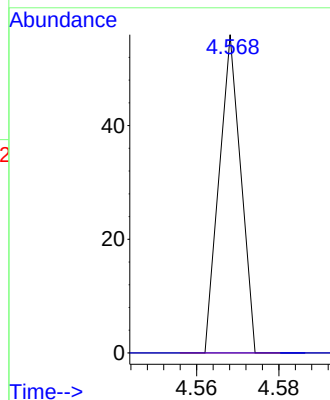
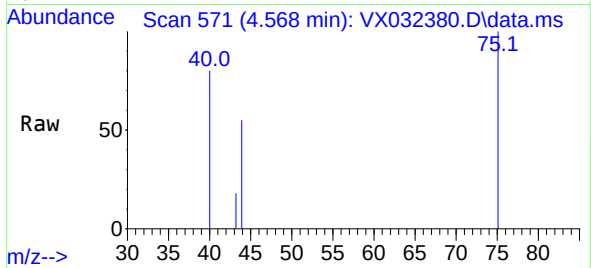
BFB

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#27

cis-1,2-Dichloroethene

Concen: 3.399 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

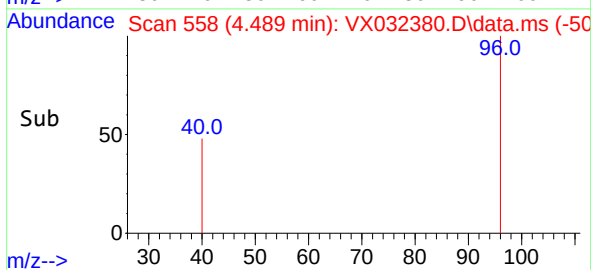
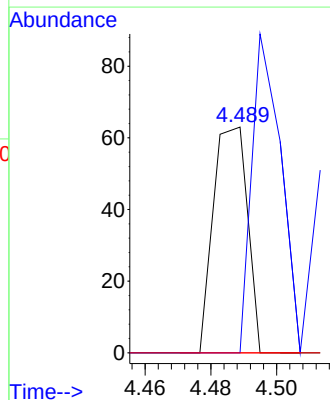
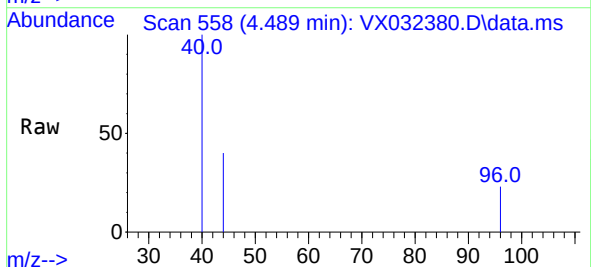
Tgt Ion: 96 Resp: 45

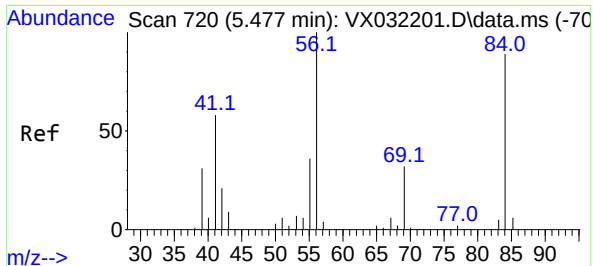
Ion Ratio Lower Upper

96 100

61 162.2 0.0 279.2

98 0.0 0.0 128.0

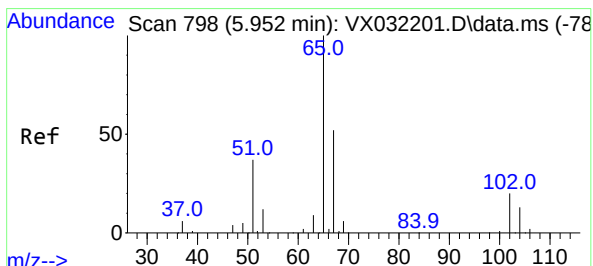
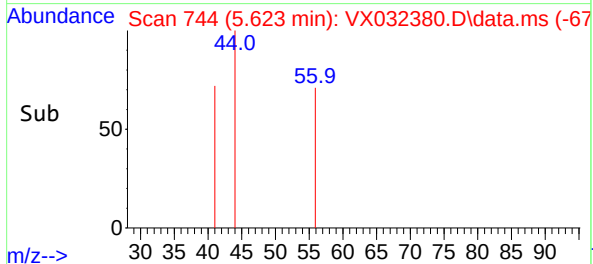
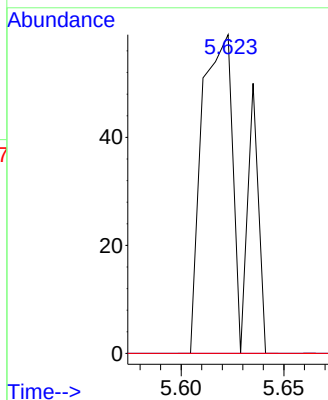
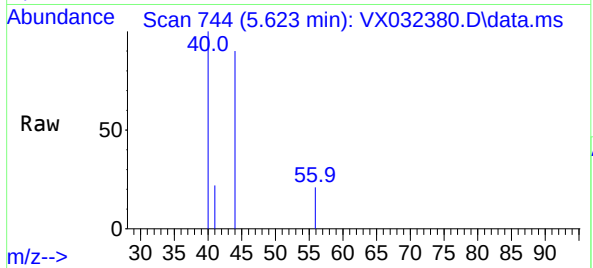




#31
Cyclohexane
Concen: 4.510 ug/l
RT: 5.623 min Scan# 741
Delta R.T. 0.146 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

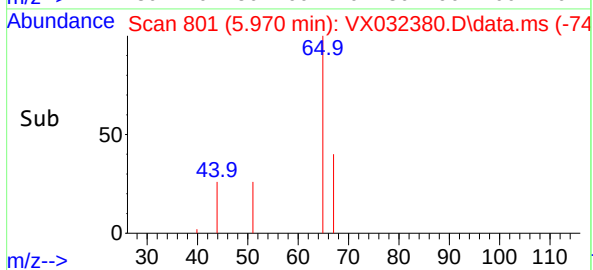
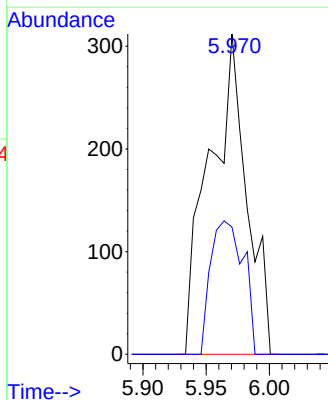
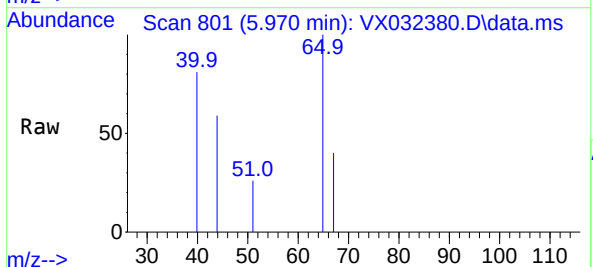
Instrument :
MSVOA_X
ClientSampleId :
BFB

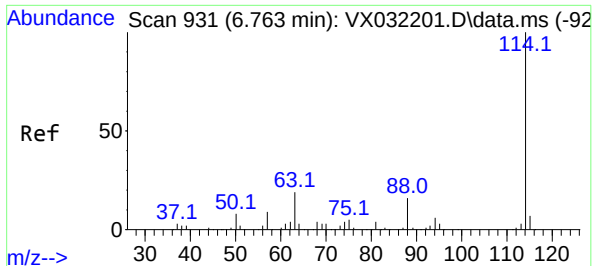
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
69 0.0 25.4 38.0#
84 0.0 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 42.302 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.018 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 65 Resp: 640
Ion Ratio Lower Upper
65 100
67 36.7 0.0 103.6

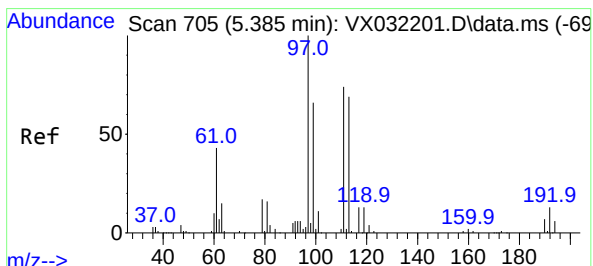
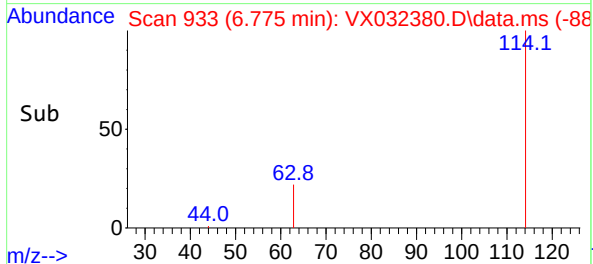
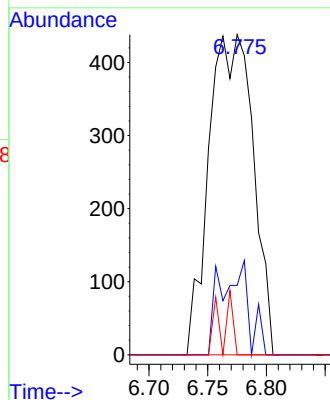
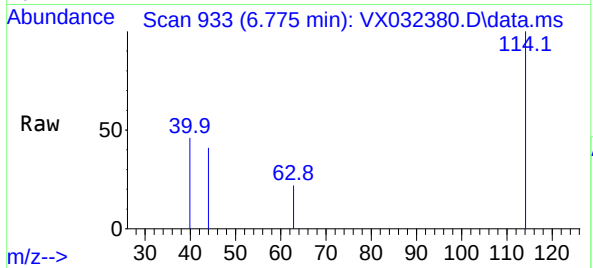




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.012 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

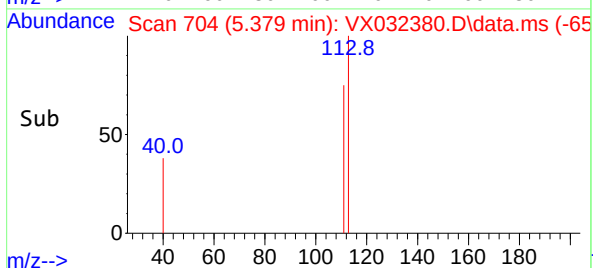
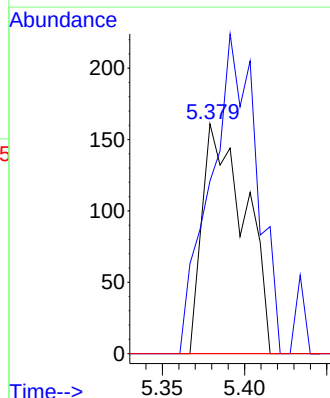
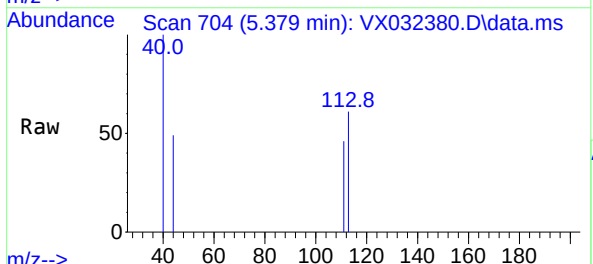
Instrument :
MSVOA_X
ClientSampleId :
BFB

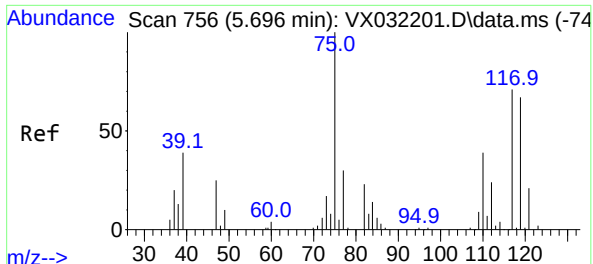
Tgt Ion:	114	Resp:	1154
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	38.6
88	0.0	0.0	32.6



#35
Dibromofluoromethane
Concen: 36.113 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion:	113	Resp:	290
Ion	Ratio	Lower	Upper
113	100		
111	149.7	82.8	124.2#
192	0.0	15.5	23.3#





#36

1,1-Dichloropropene

Concen: 14.715 ug/l

RT: 5.708 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

BFB

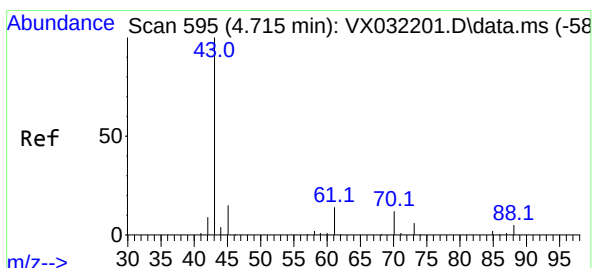
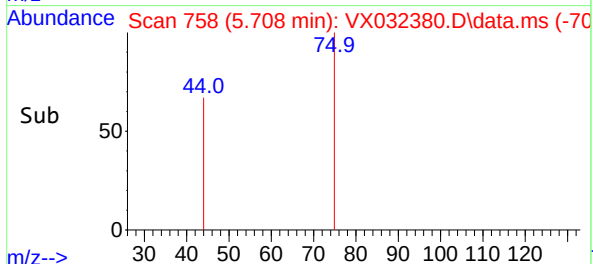
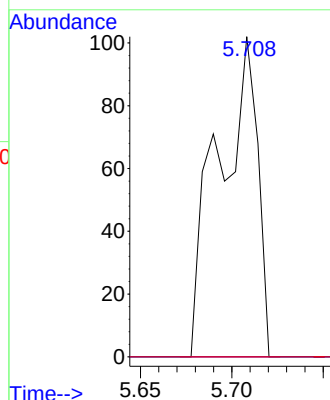
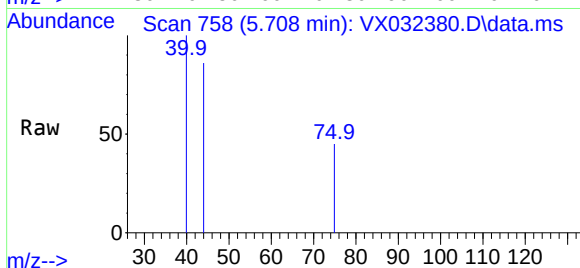
Tgt Ion: 75 Resp: 152

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.977 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.147 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

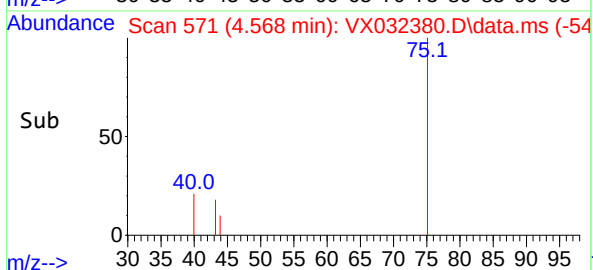
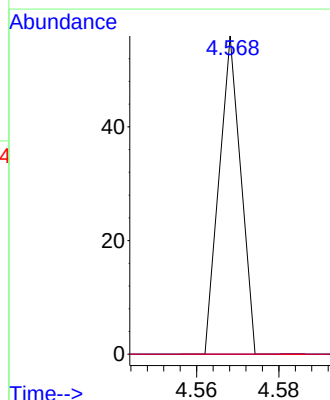
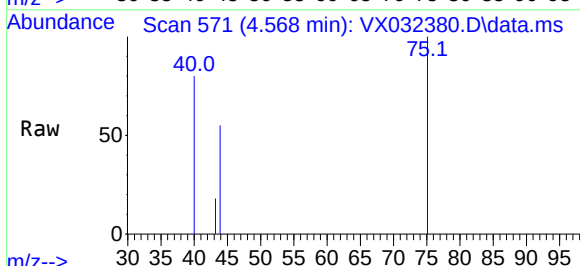
Tgt Ion: 43 Resp: 20

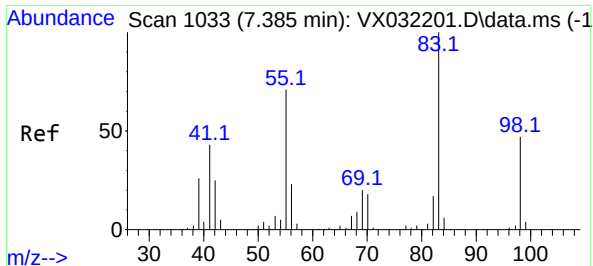
Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

70 0.0 8.8 13.2#





#39

Methylcyclohexane

Concen: 14.019 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

BFB

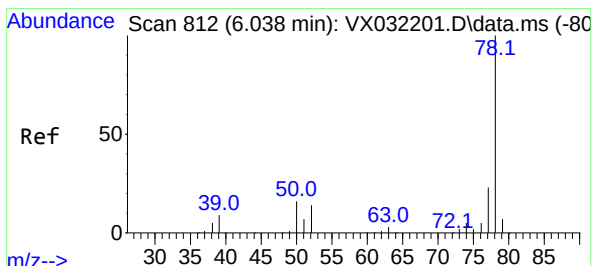
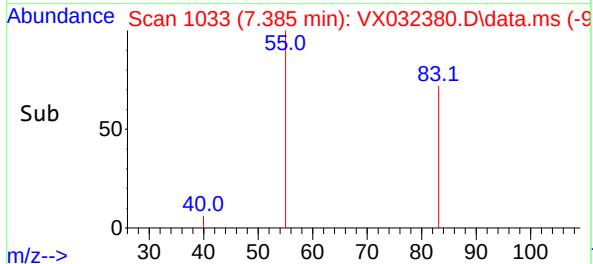
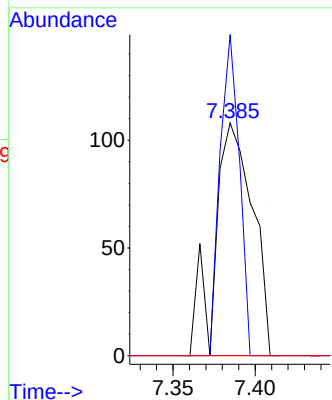
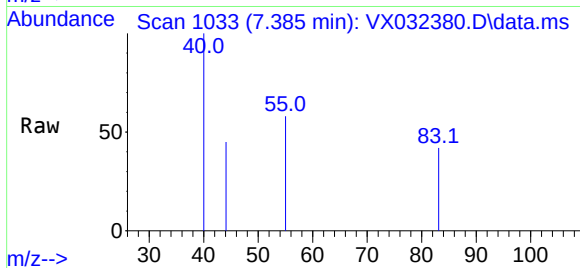
Tgt Ion: 83 Resp: 173

Ion Ratio Lower Upper

83 100

55 138.0 56.6 85.0#

98 0.0 37.4 56.0#



#40

Benzene

Concen: 3.541 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.005 min

Lab File: VX032380.D

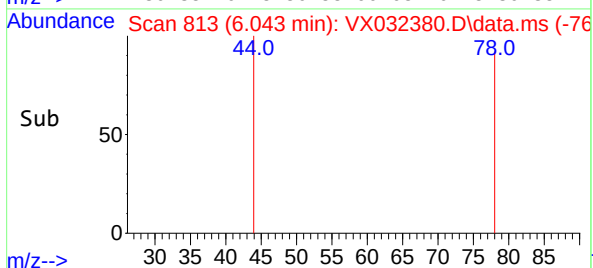
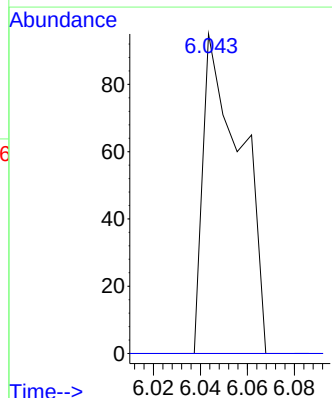
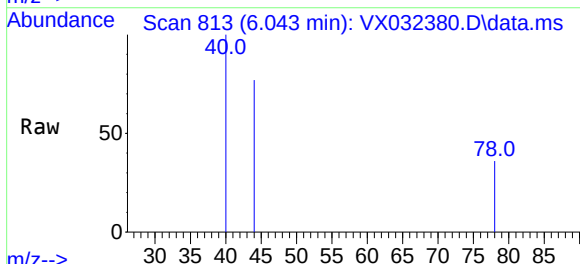
Acq: 25 Oct 2022 21:26

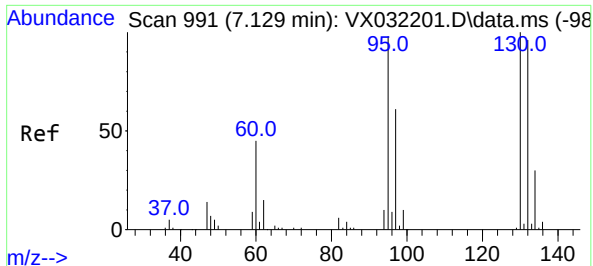
Tgt Ion: 78 Resp: 106

Ion Ratio Lower Upper

78 100

77 0.0 18.6 27.8#

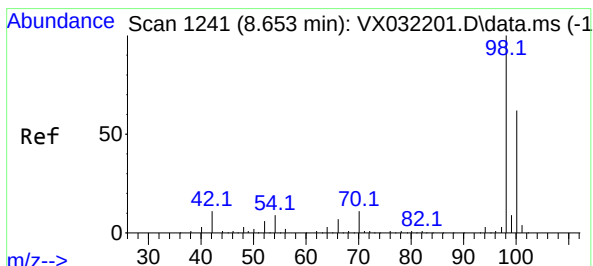
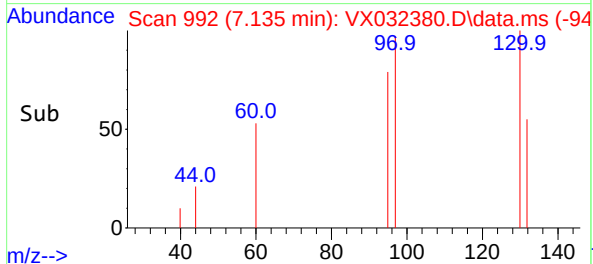
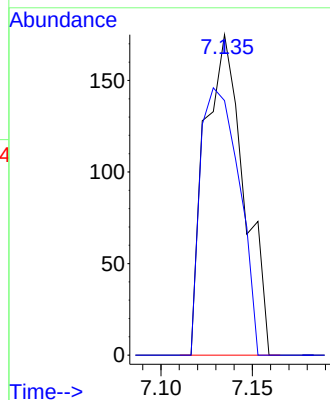
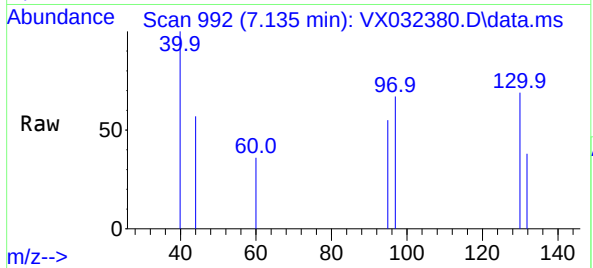




#44
Trichloroethene
Concen: 31.536 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

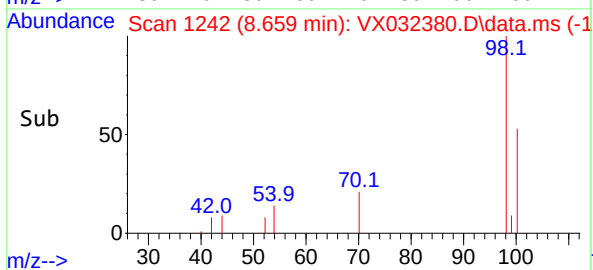
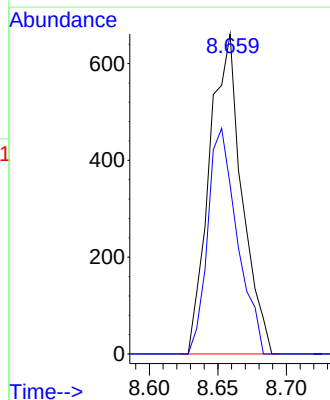
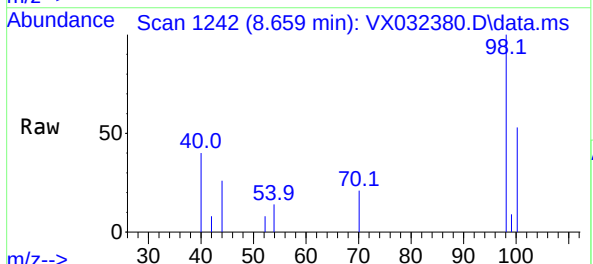
Instrument :
MSVOA_X
ClientSampleId :
BFB

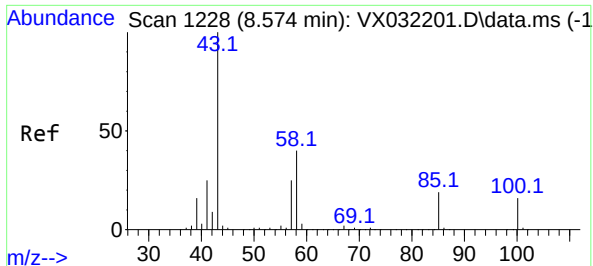
Tgt Ion:130 Resp: 260
Ion Ratio Lower Upper
130 100
95 79.4 0.0 196.8



#50
Toluene-d8
Concen: 37.708 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 98 Resp: 1090
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 1.809 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

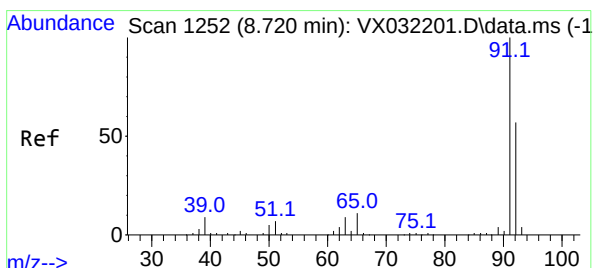
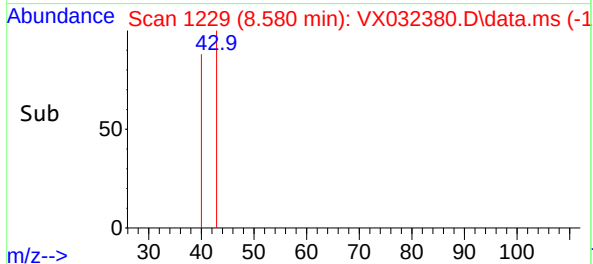
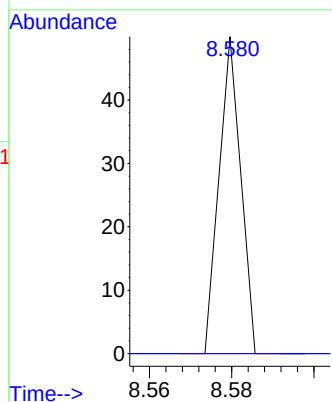
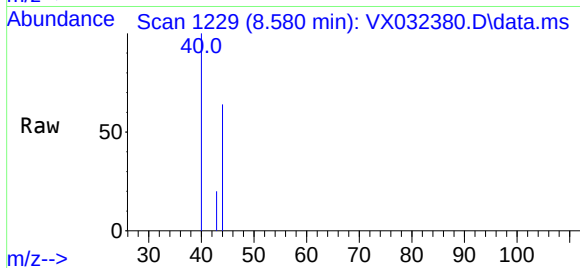
BFB

Tgt Ion: 43 Resp: 18

Ion Ratio Lower Upper

43 100

58 0.0 31.0 46.4#



#52

Toluene

Concen: 4.692 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032380.D

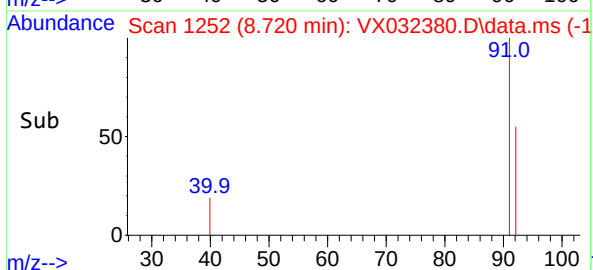
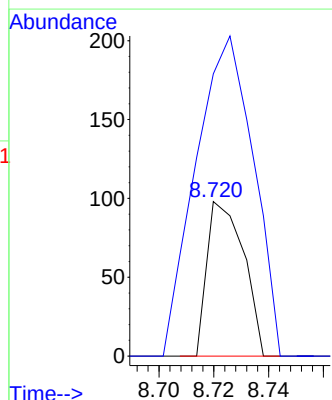
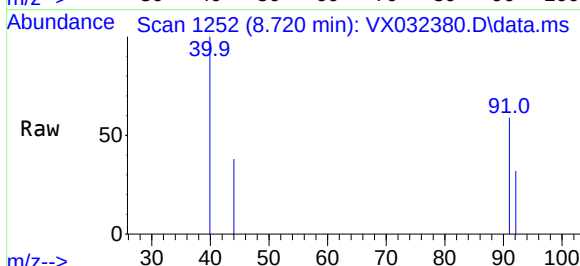
Acq: 25 Oct 2022 21:26

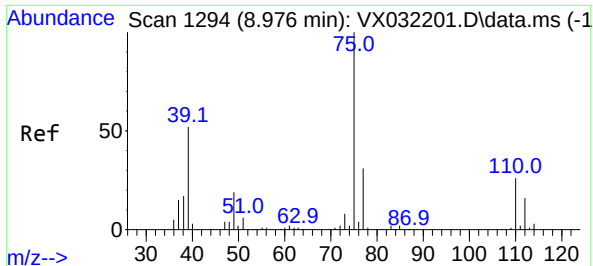
Tgt Ion: 92 Resp: 91

Ion Ratio Lower Upper

92 100

91 326.4 140.3 210.5#





#53

t-1,3-Dichloropropene

Concen: 12.091 ug/l

RT: 8.994 min Scan# 1196

Delta R.T. 0.018 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

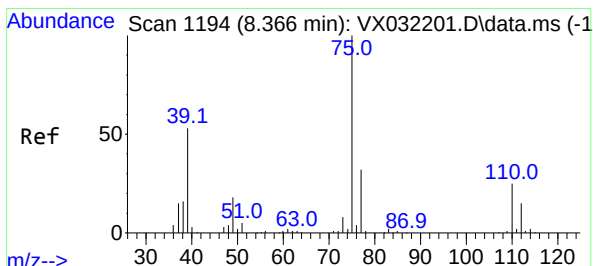
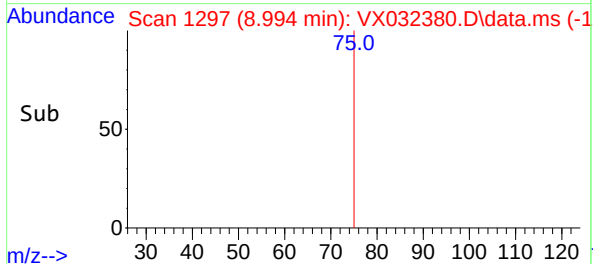
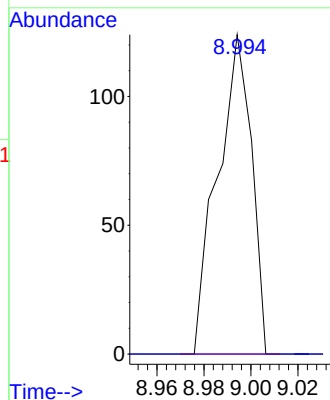
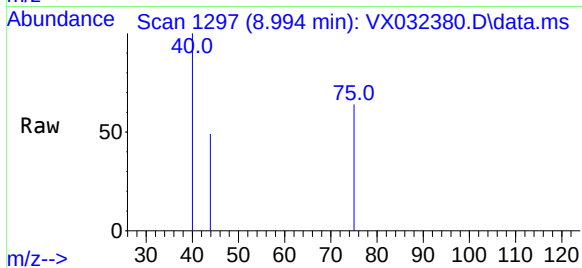
BFB

Tgt Ion: 75 Resp: 125

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#



#54

cis-1,3-Dichloropropene

Concen: 3.191 ug/l

RT: 8.378 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

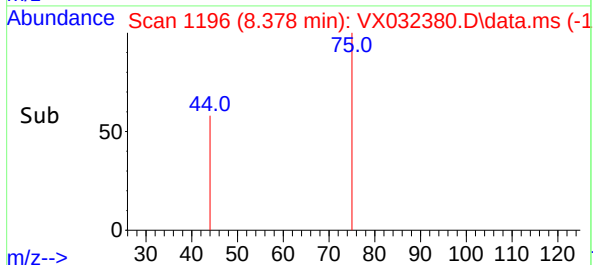
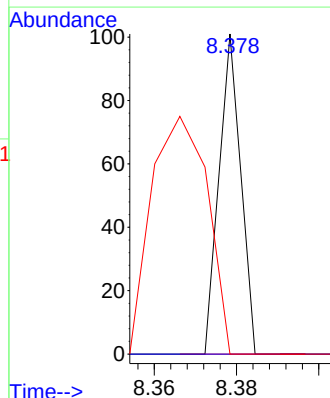
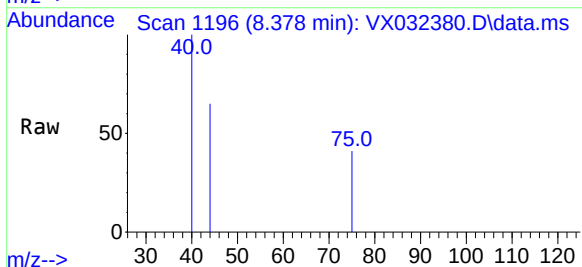
Tgt Ion: 75 Resp: 37

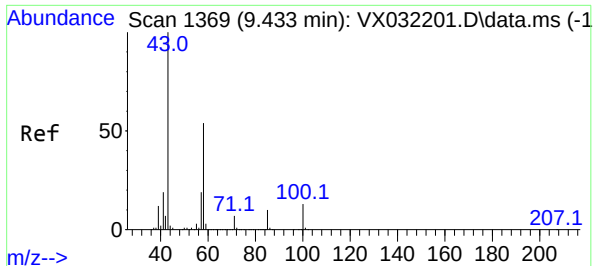
Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

39 0.0 42.4 63.6#





#59

2-Hexanone

Concen: 2.424 ug/l

RT: 9.457 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

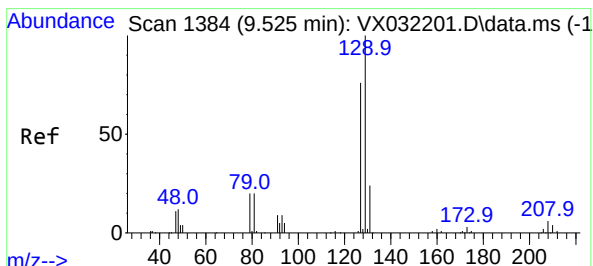
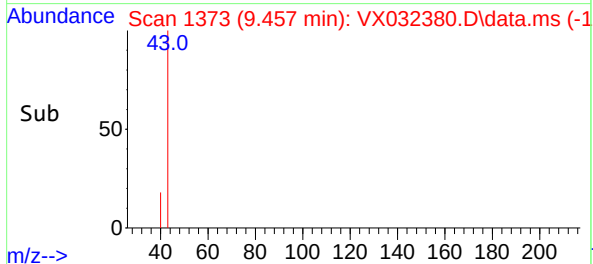
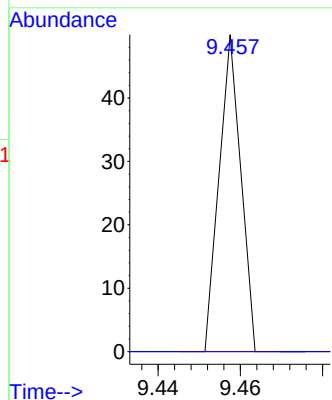
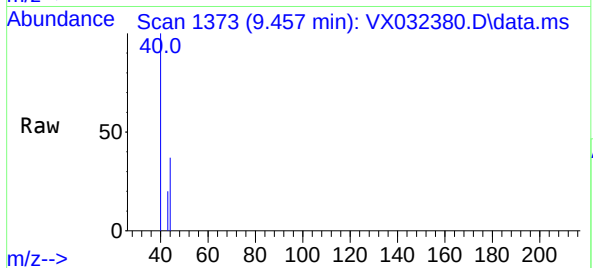
BFB

Tgt Ion: 43 Resp: 18

Ion Ratio Lower Upper

43 100

58 0.0 26.7 80.1#



#60

Dibromochloromethane

Concen: 22.911 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX032380.D

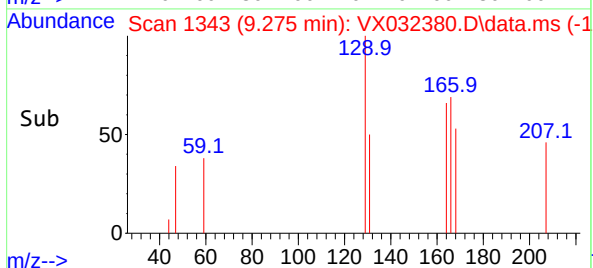
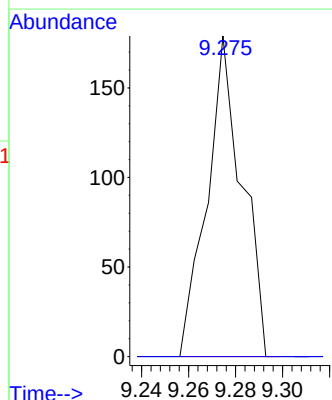
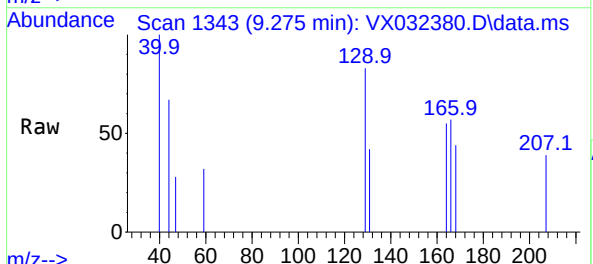
Acq: 25 Oct 2022 21:26

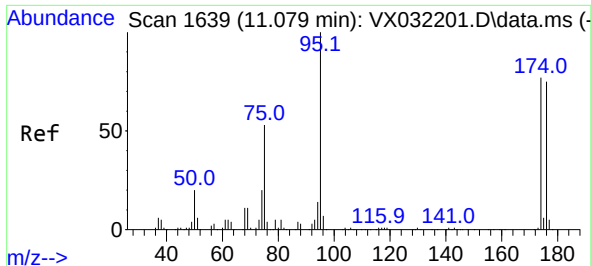
Tgt Ion: 129 Resp: 185

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

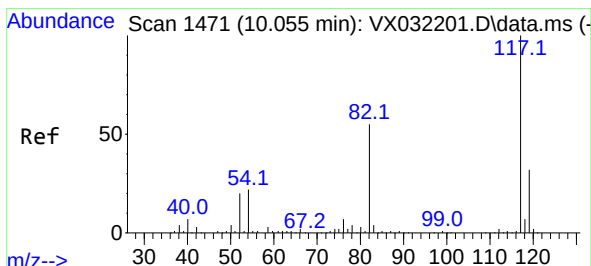
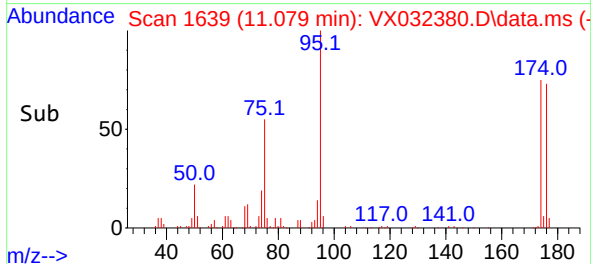
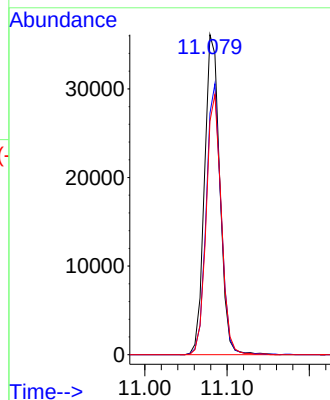
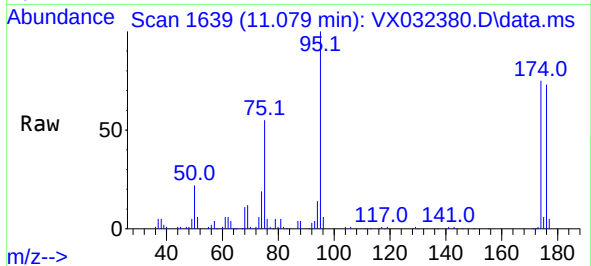




#62
4-Bromofluorobenzene
Concen: 4415.995 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

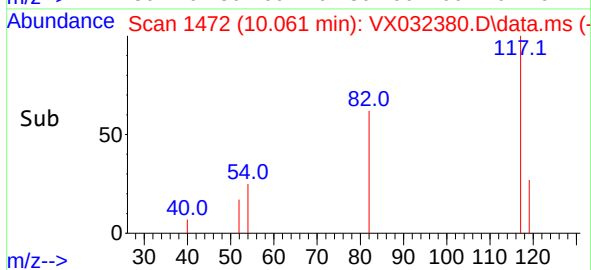
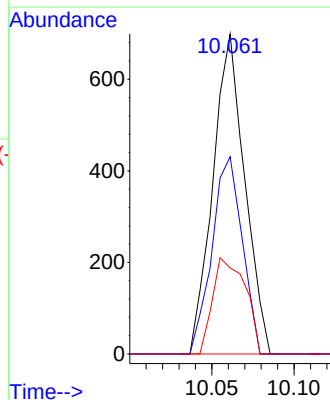
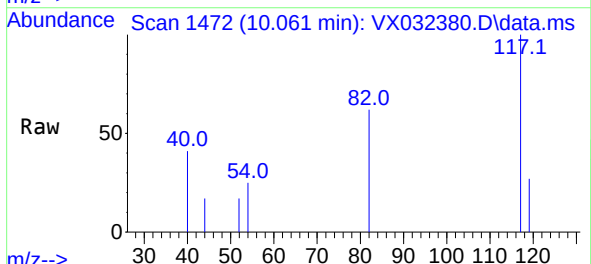
Instrument :
MSVOA_X
ClientSampleId :
BFB

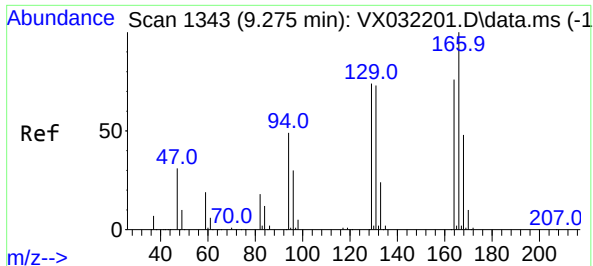
Tgt Ion: 95 Resp: 46744
Ion Ratio Lower Upper
95 100
174 81.9 0.0 166.8
176 79.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 117 Resp: 940
Ion Ratio Lower Upper
117 100
82 61.7 44.2 66.4
119 26.9 25.8 38.8



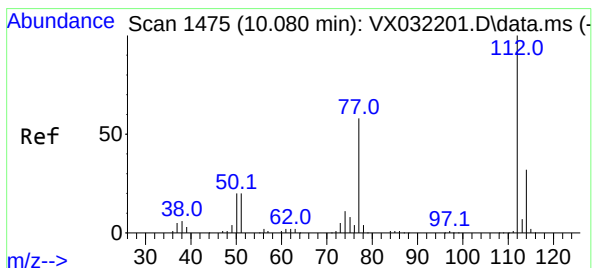
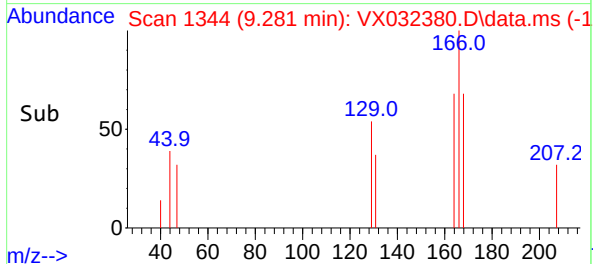
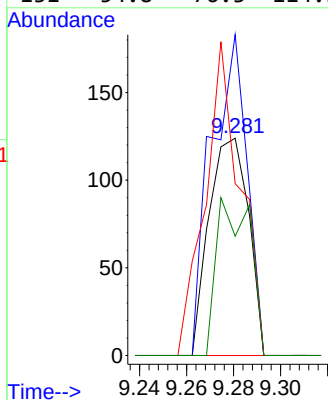
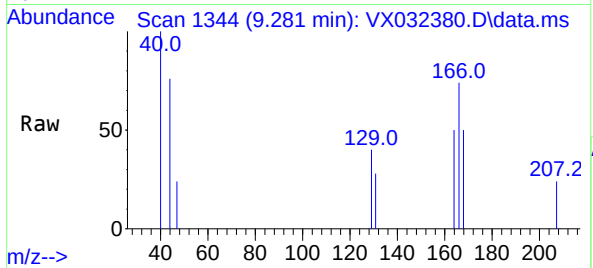


#64
Tetrachloroethene
Concen: 23.199 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:164 Resp: 144

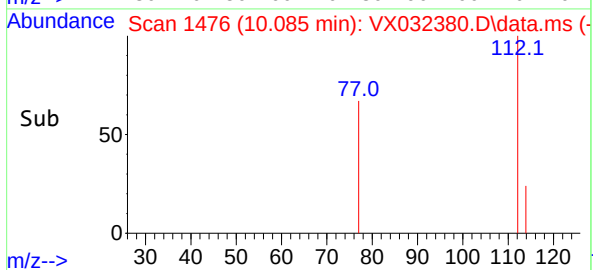
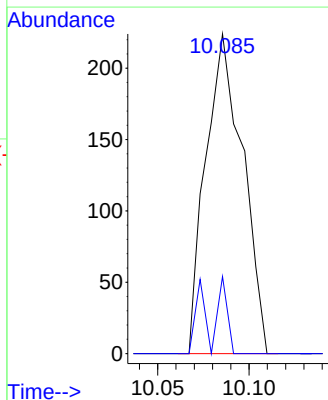
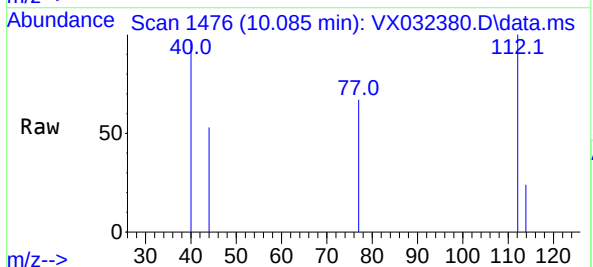
Ion	Ratio	Lower	Upper
164	100		
166	147.6	104.9	157.3
129	79.0	77.8	116.6
131	54.8	76.3	114.5

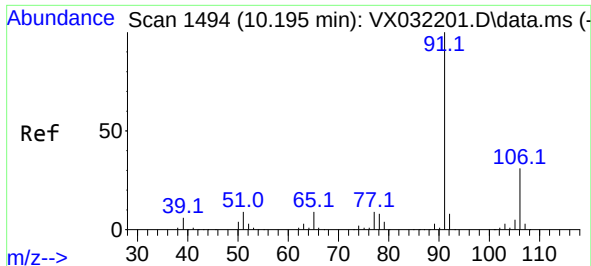


#65
Chlorobenzene
Concen: 16.345 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion:112 Resp: 315

Ion	Ratio	Lower	Upper
112	100		
114	24.1	25.7	38.5

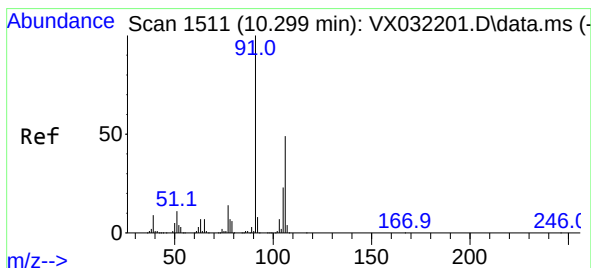
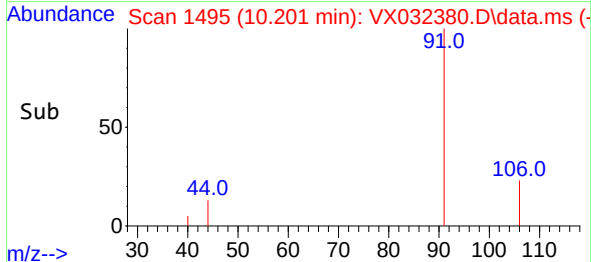
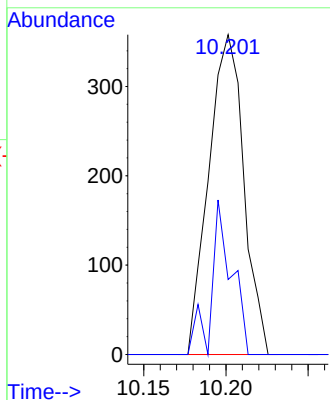
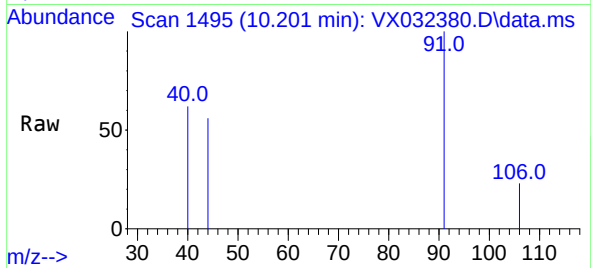




#67
Ethyl Benzene
Concen: 15.533 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

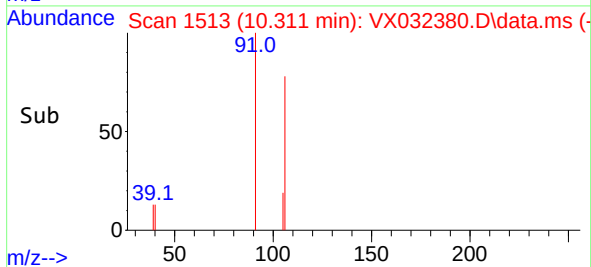
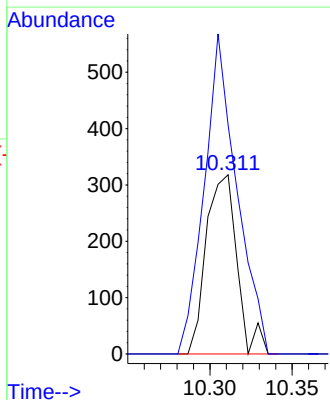
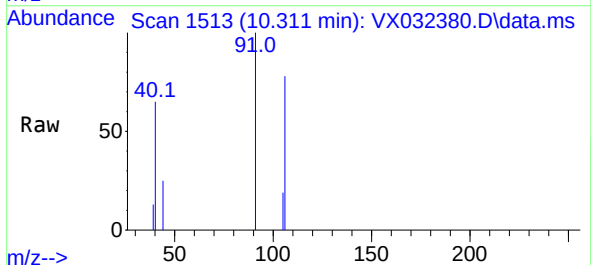
Instrument :
MSVOA_X
ClientSampleId :
BFB

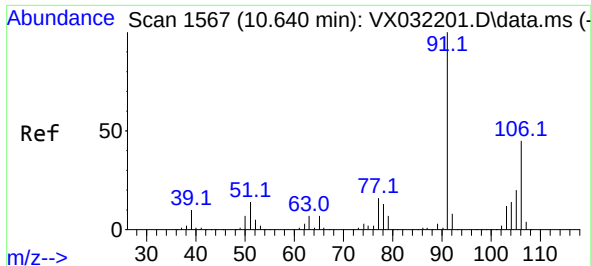
Tgt Ion: 91 Resp: 530
Ion Ratio Lower Upper
91 100
106 23.5 25.0 37.4#



#68
m/p-Xylenes
Concen: 30.575 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 106 Resp: 412
Ion Ratio Lower Upper
106 100
91 189.6 162.6 244.0





#69

o-Xylene

Concen: 11.387 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.012 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

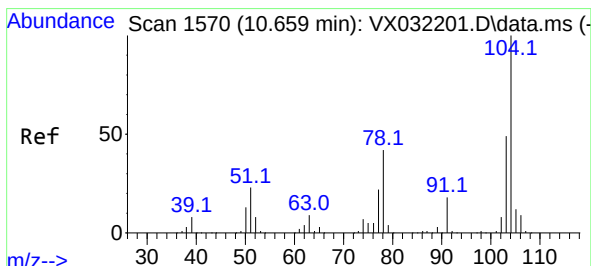
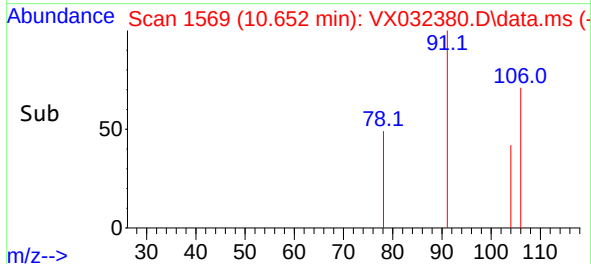
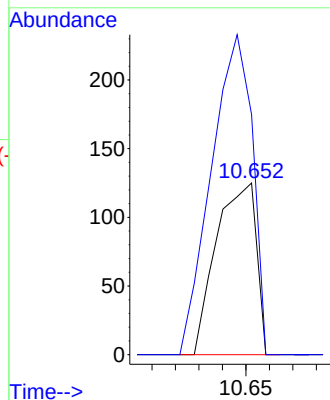
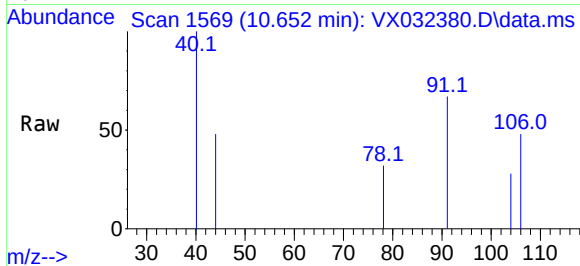
BFB

Tgt Ion:106 Resp: 147

Ion Ratio Lower Upper

106 100

91 192.5 108.3 324.9



#70

Styrene

Concen: 7.901 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

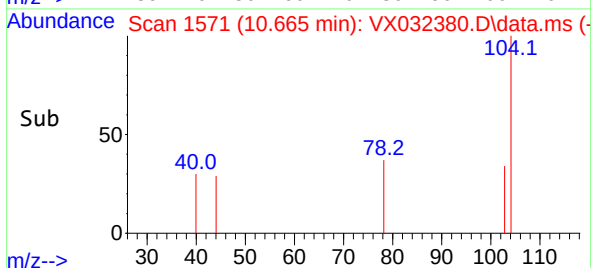
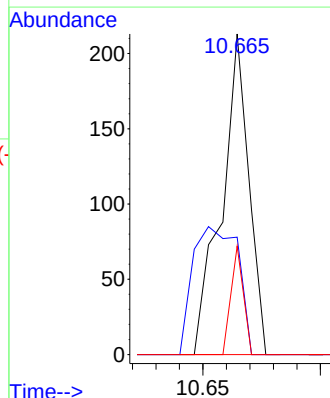
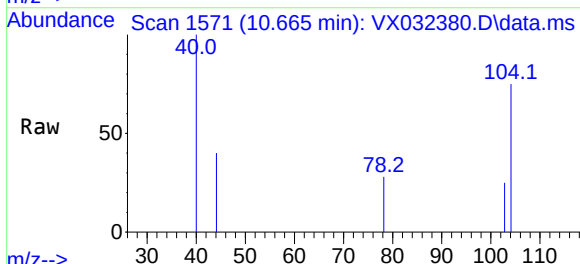
Tgt Ion:104 Resp: 172

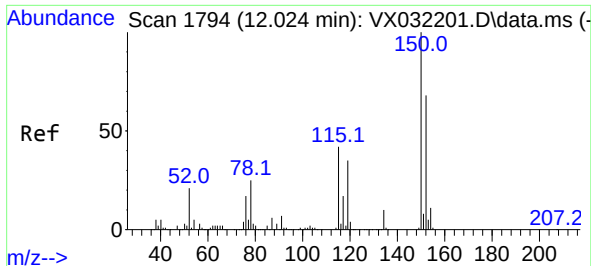
Ion Ratio Lower Upper

104 100

78 65.7 40.8 61.2#

103 15.1 44.2 66.2#

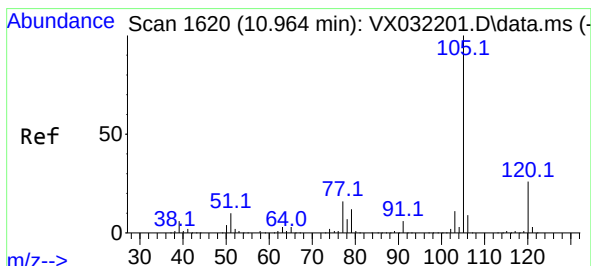
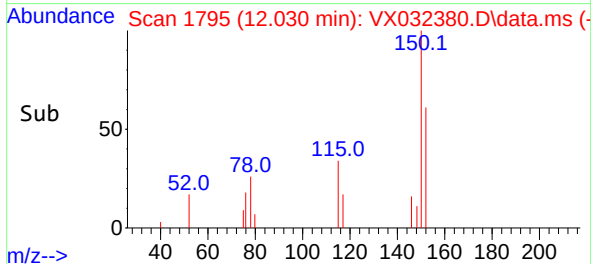
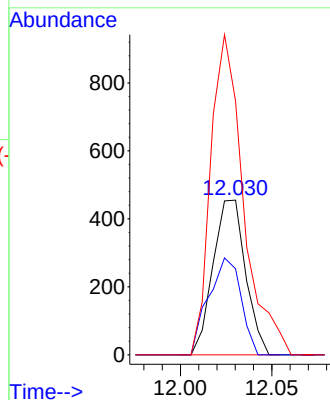
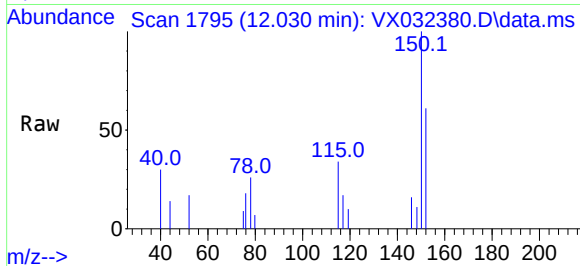




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

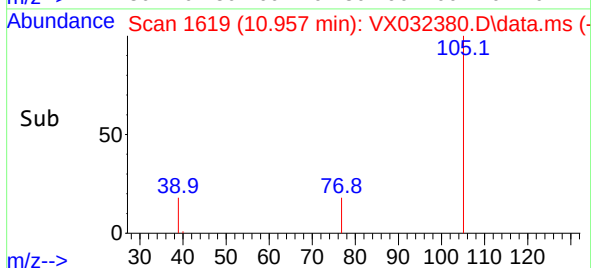
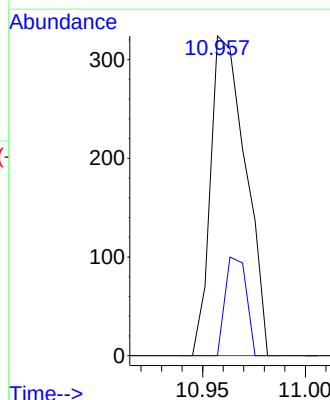
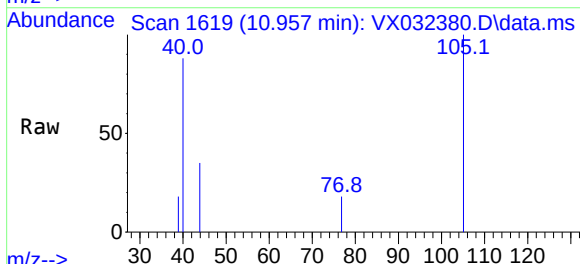
Instrument :
MSVOA_X
ClientSampleId :
BFB

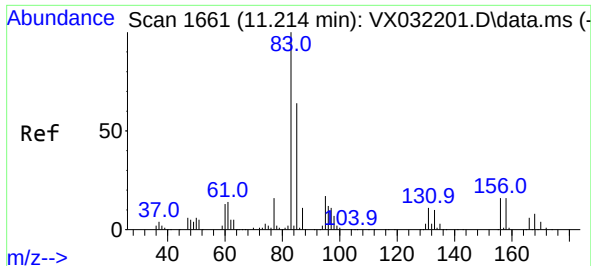
Tgt Ion:152 Resp: 564
Ion Ratio Lower Upper
152 100
115 62.1 43.1 129.4
150 208.2 0.0 348.6



#73
Isopropylbenzene
Concen: 9.567 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.007 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion:105 Resp: 385
Ion Ratio Lower Upper
105 100
120 18.4 13.2 39.6

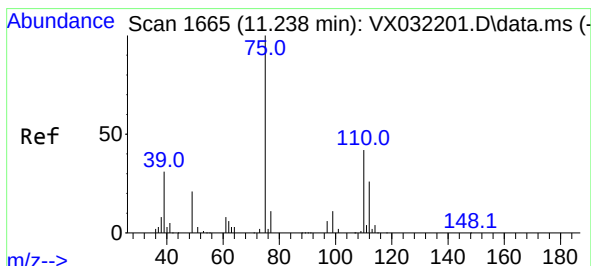
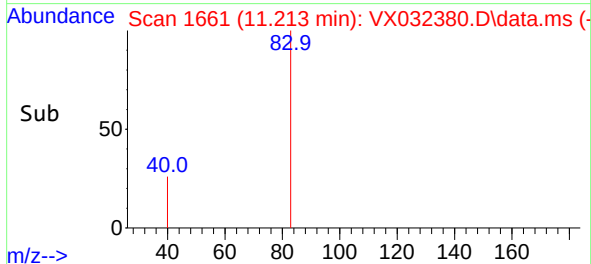
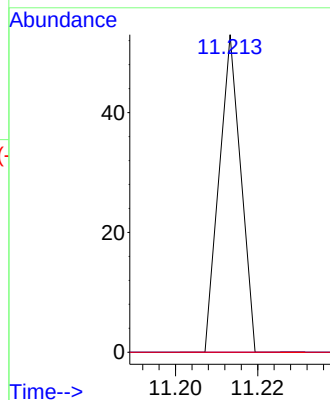
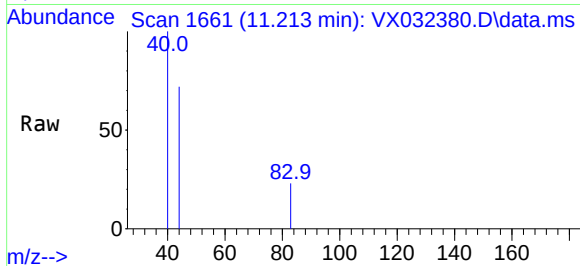




#75
1,1,2,2-Tetrachloroethane
Concen: 1.469 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

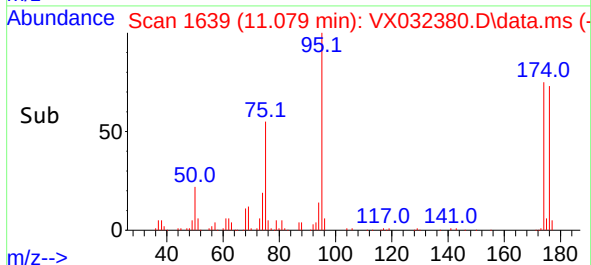
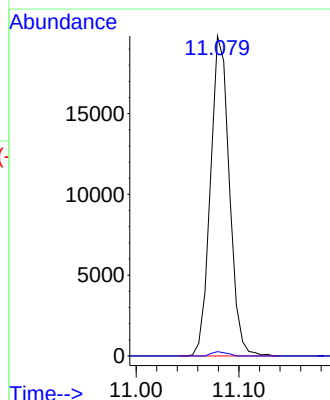
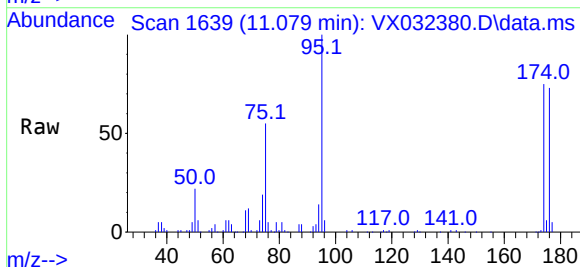
Instrument :
MSVOA_X
ClientSampleId :
BFB

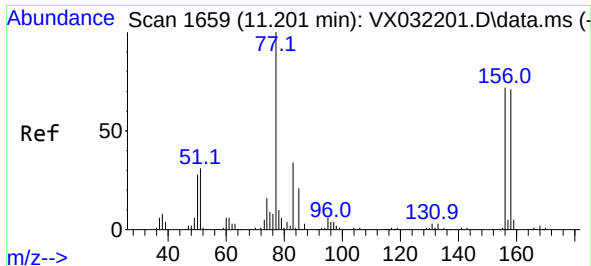
Tgt Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 2263.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 75 Resp: 25292
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#

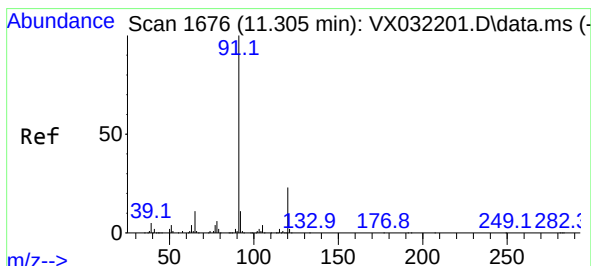
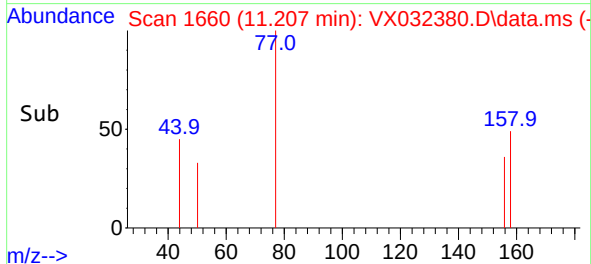
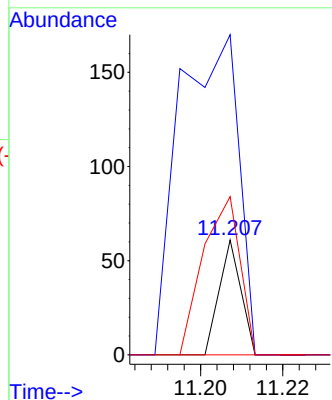
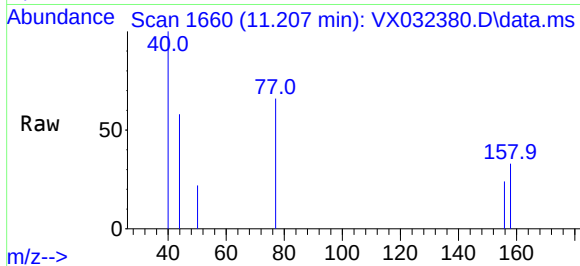




#77
Bromobenzene
Concen: 2.230 ug/l
RT: 11.207 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

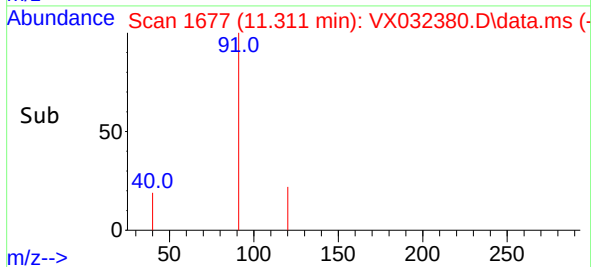
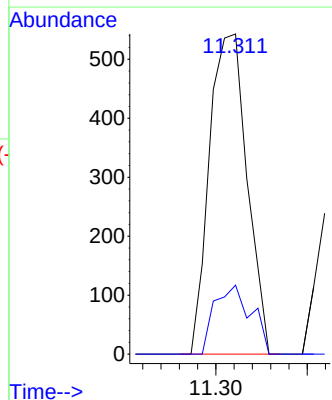
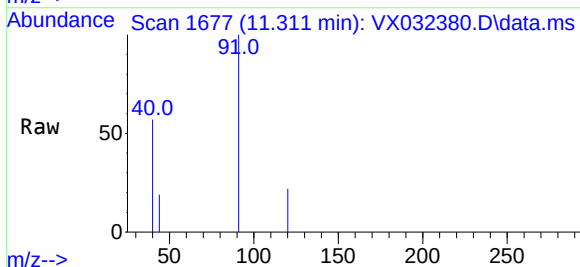
Instrument :
MSVOA_X
ClientSampleId :
BFB

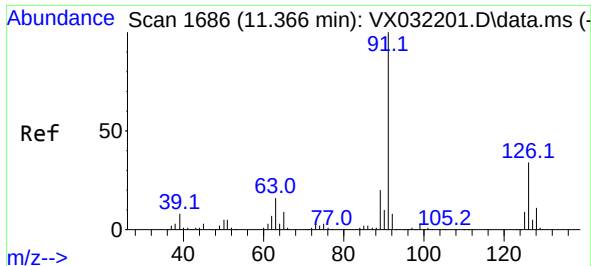
Tgt Ion:156 Resp: 22
Ion Ratio Lower Upper
156 100
77 772.7 75.5 226.5#
158 236.4 49.0 147.0#



#78
n-propylbenzene
Concen: 16.883 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 91 Resp: 778
Ion Ratio Lower Upper
91 100
120 20.8 11.6 34.8





#79

2-Chlorotoluene

Concen: 13.431 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

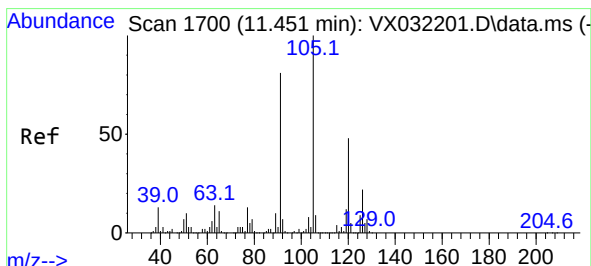
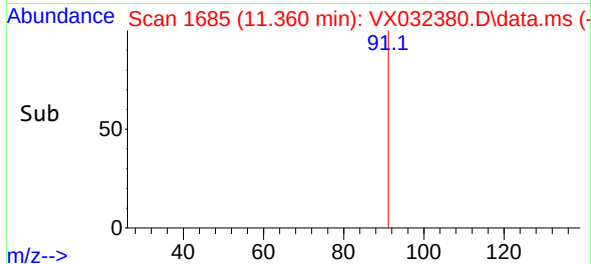
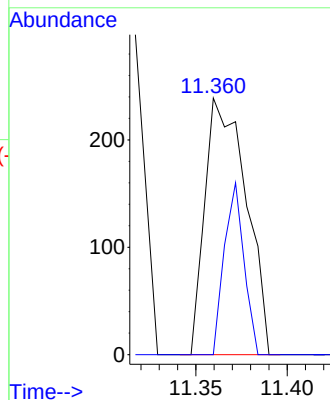
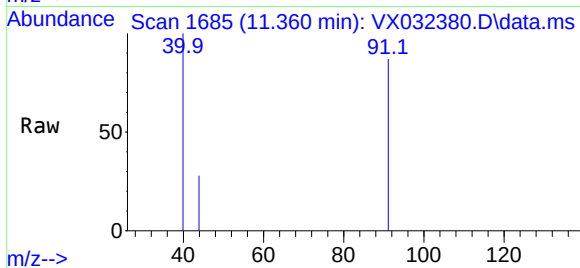
BFB

Tgt Ion: 91 Resp: 373

Ion Ratio Lower Upper

91 100

126 31.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 13.377 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032380.D

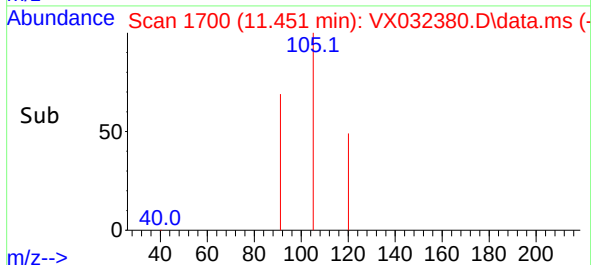
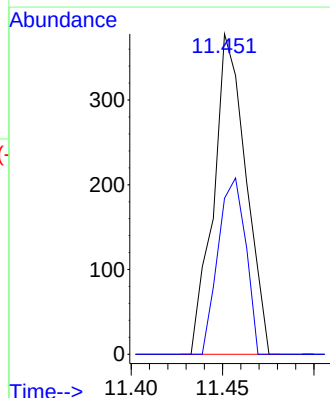
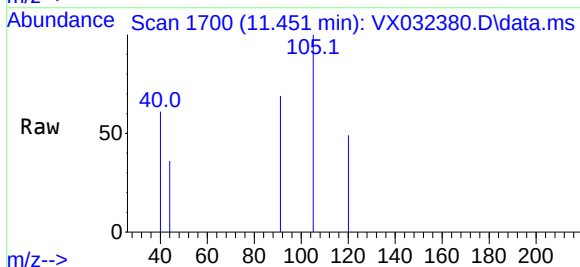
Acq: 25 Oct 2022 21:26

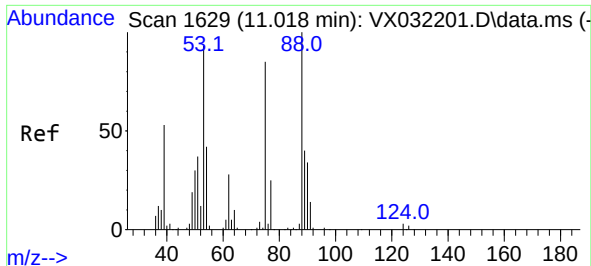
Tgt Ion: 105 Resp: 465

Ion Ratio Lower Upper

105 100

120 46.9 23.5 70.6

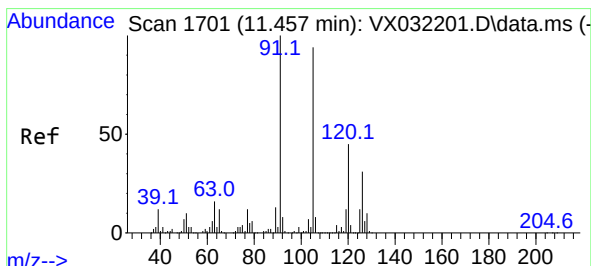
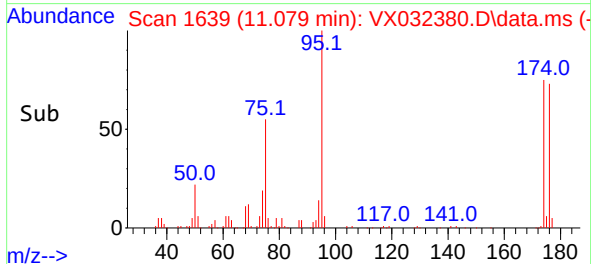
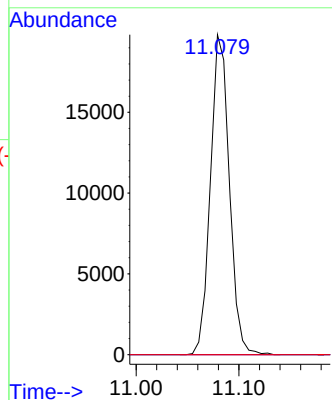
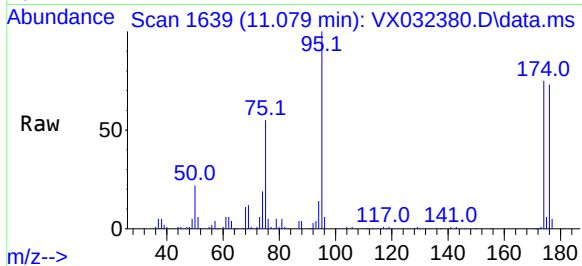




#81
trans-1,4-Dichloro-2-butene
Concen: 6719.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

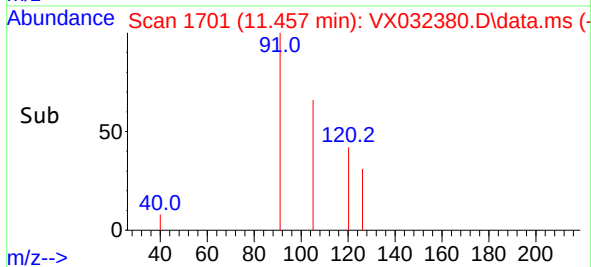
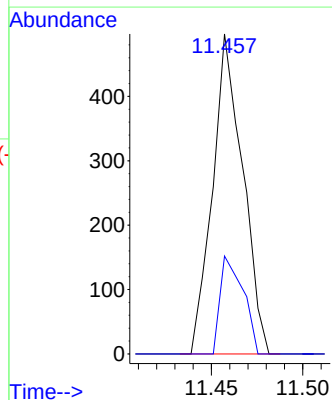
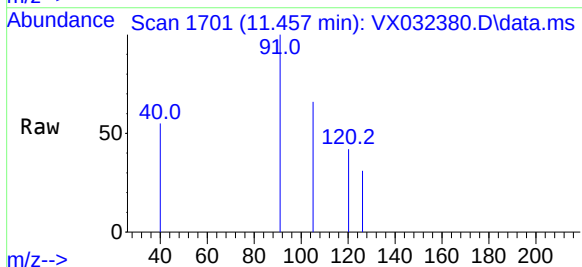
Instrument :
MSVOA_X
ClientSampleId :
BFB

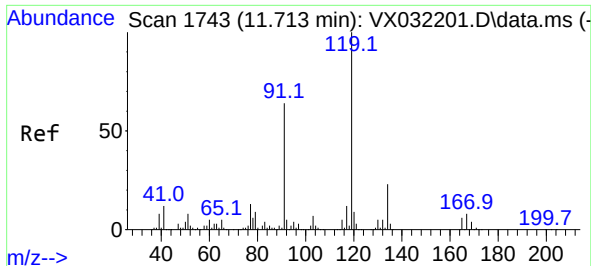
Tgt Ion: 75 Resp: 25292
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 17.597 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 91 Resp: 569
Ion Ratio Lower Upper
91 100
126 23.2 14.9 44.5

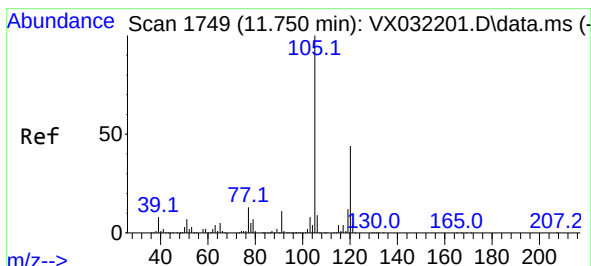
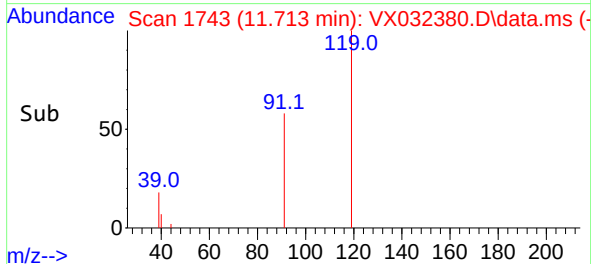
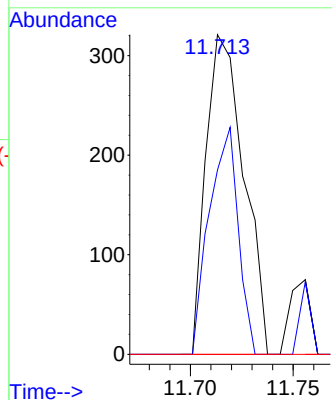
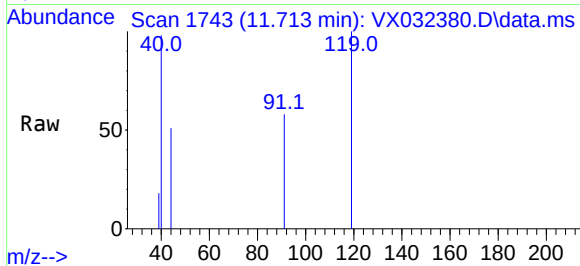




#83
tert-Butylbenzene
Concen: 11.846 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

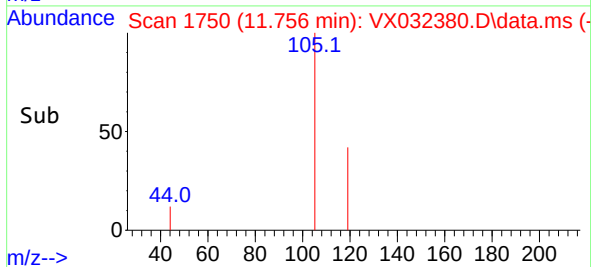
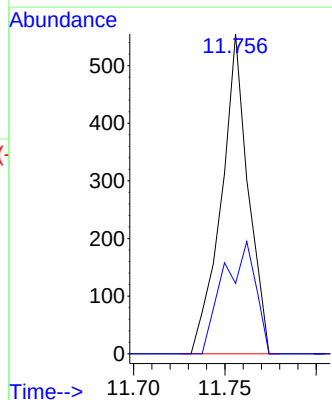
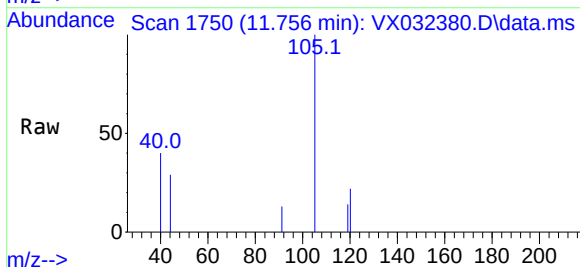
Instrument :
MSVOA_X
ClientSampleId :
BFB

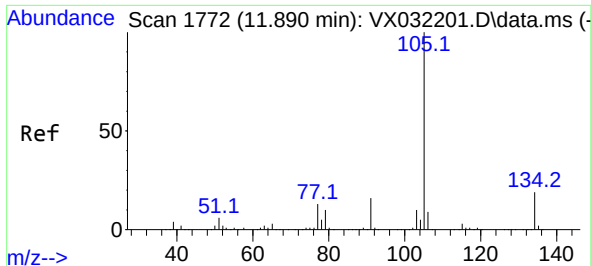
Tgt Ion:119 Resp: 412
Ion Ratio Lower Upper
119 100
91 54.1 29.1 87.3
134 0.0 11.3 33.8#



#84
1,2,4-Trimethylbenzene
Concen: 16.807 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion:105 Resp: 568
Ion Ratio Lower Upper
105 100
120 42.3 22.1 66.1

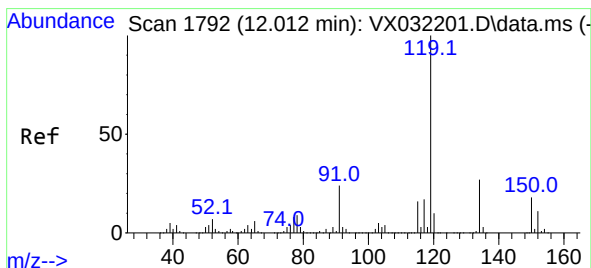
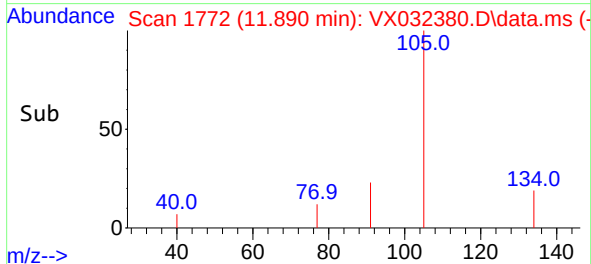
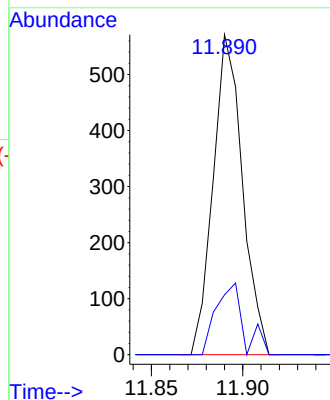
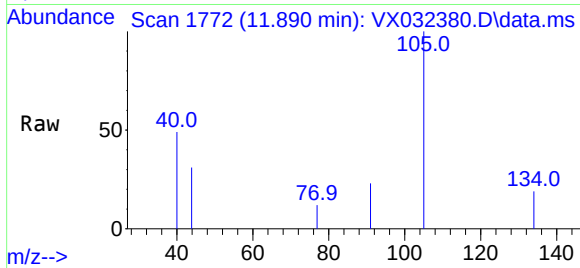




#85
 sec-Butylbenzene
 Concen: 15.179 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032380.D
 Acq: 25 Oct 2022 21:26

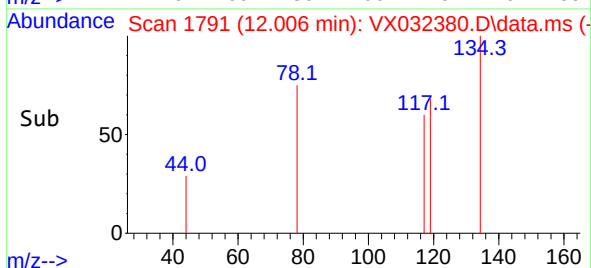
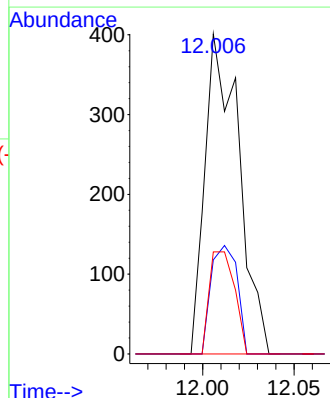
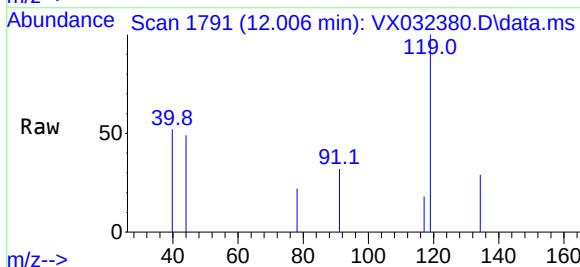
Instrument :
 MSVOA_X
 ClientSampleId :
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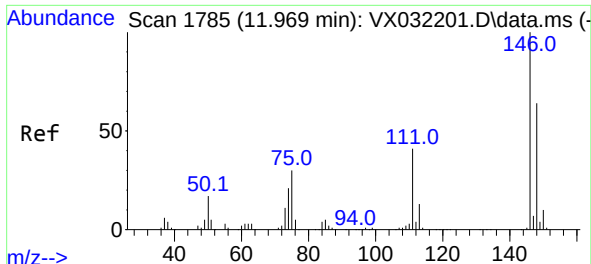
Tgt Ion:105 Resp: 638
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 14.456 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX032380.D
 Acq: 25 Oct 2022 21:26

Tgt Ion:119 Resp: 517
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 27.968 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

Instrument :

MSVOA_X

ClientSampleId :

BFB

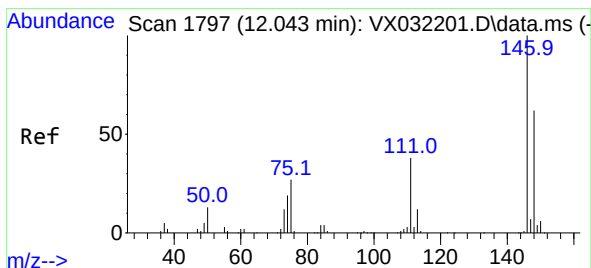
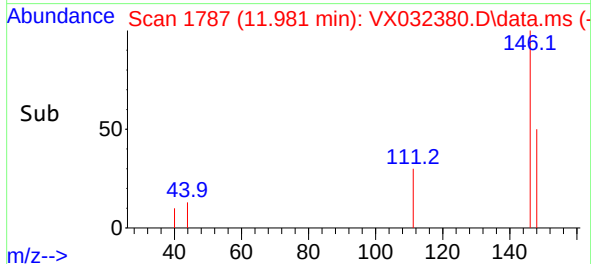
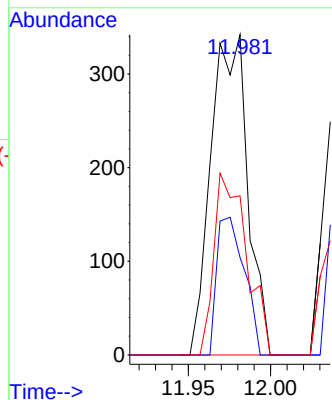
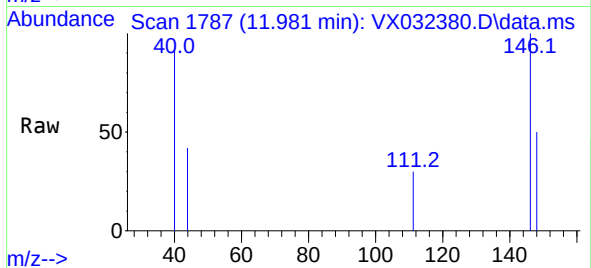
Tgt Ion:146 Resp: 531

Ion Ratio Lower Upper

146 100

111 32.2 20.3 61.0

148 50.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 25.227 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX032380.D

Acq: 25 Oct 2022 21:26

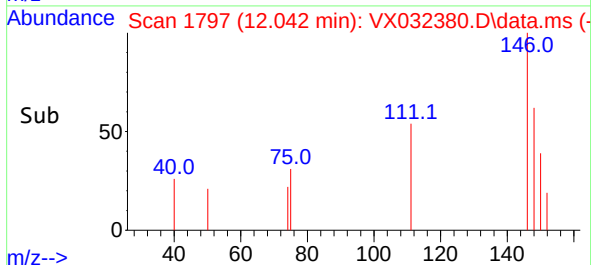
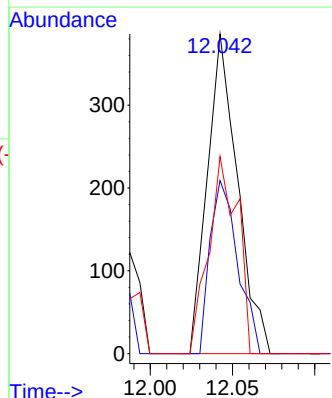
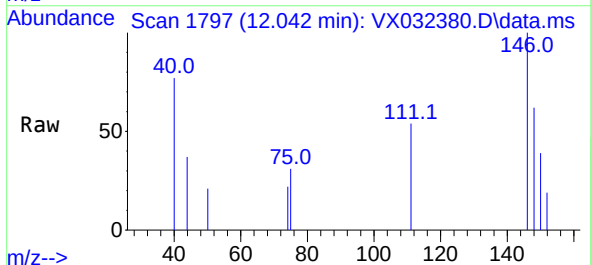
Tgt Ion:146 Resp: 492

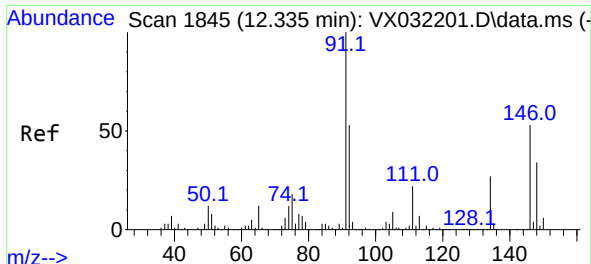
Ion Ratio Lower Upper

146 100

111 49.8 19.8 59.4

148 59.3 31.9 95.9

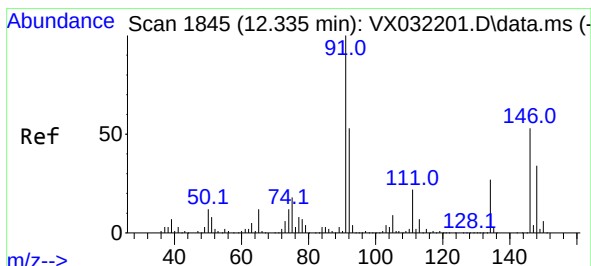
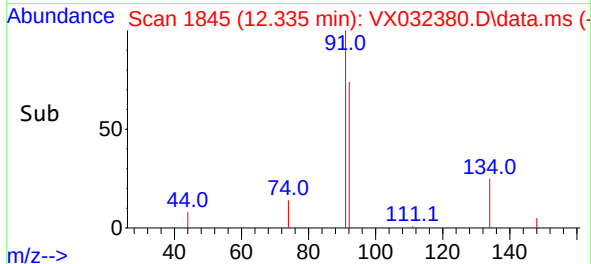
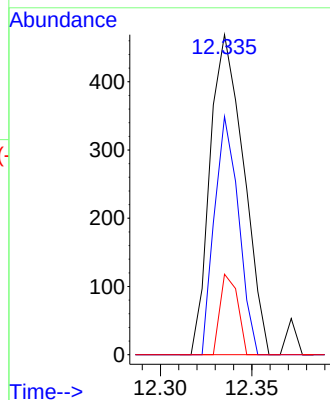
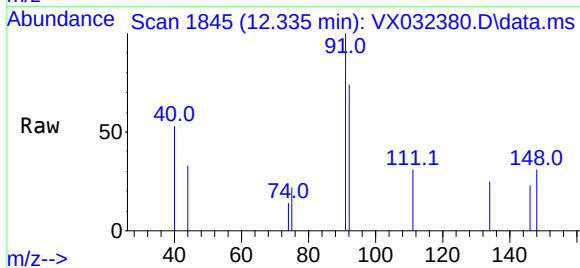




#89
n-Butylbenzene
Concen: 19.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

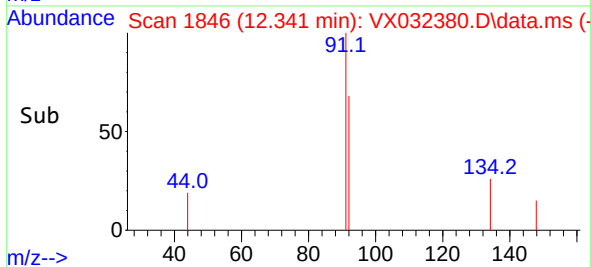
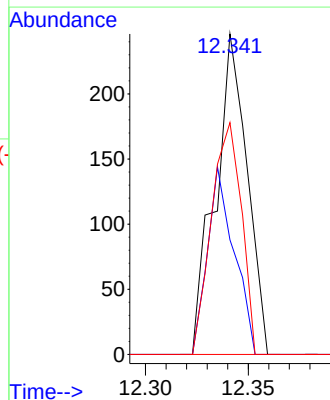
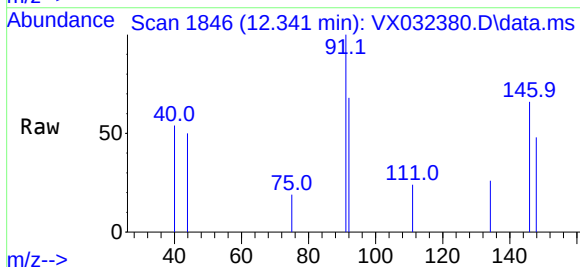
Instrument :
MSVOA_X
ClientSampleId :
BFB

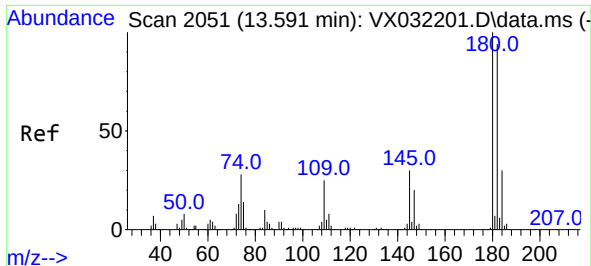
Tgt Ion: 91	Resp:	600
Ion	Ratio	Lower Upper
91	100	
92	53.3	26.3 78.9
134	13.2	13.0 39.0



#91
1,2-Dichlorobenzene
Concen: 14.271 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion: 146	Resp:	266
Ion	Ratio	Lower Upper
146	100	
111	48.9	21.1 63.1
148	67.7	32.3 96.8

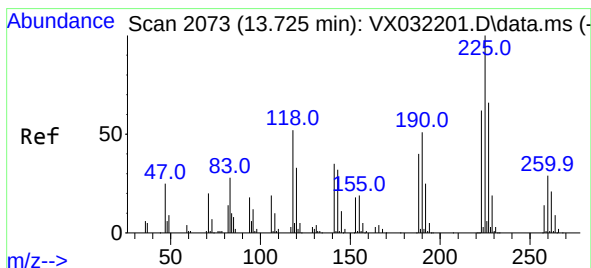
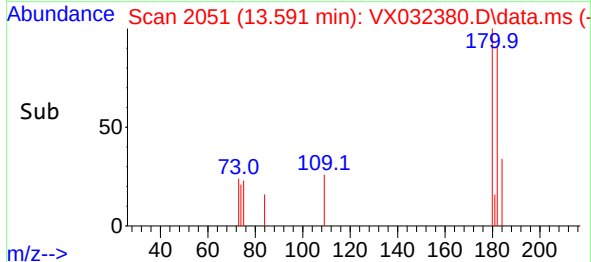
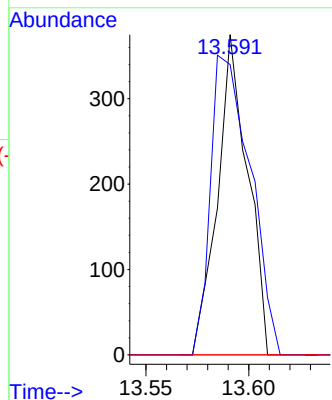
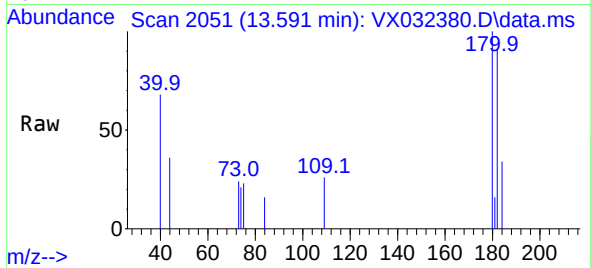




#93
1,2,4-Trichlorobenzene
Concen: 31.482 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

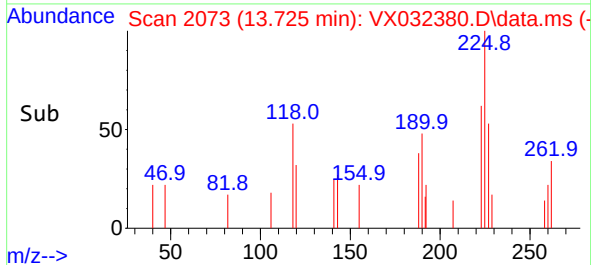
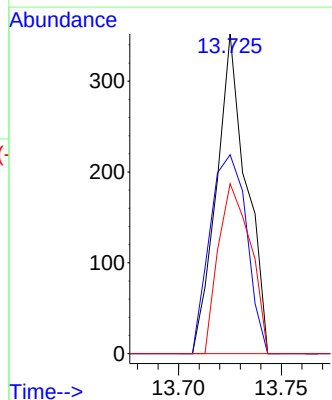
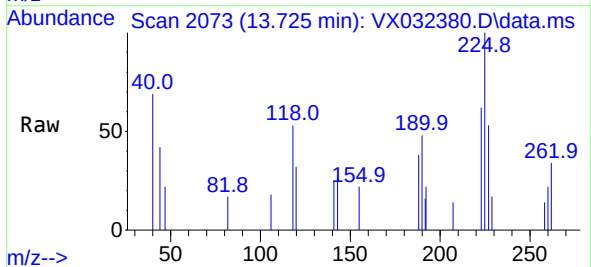
Instrument :
MSVOA_X
ClientSampleId :
BFB

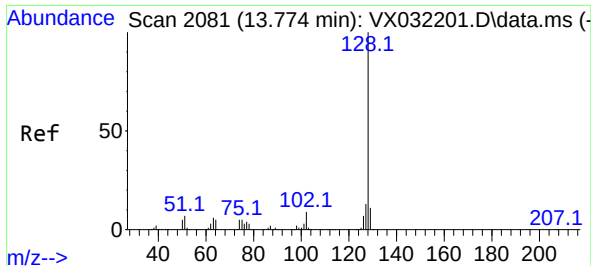
Tgt Ion:180 Resp: 382
Ion Ratio Lower Upper
180 100
182 124.1 46.8 140.3
145 0.0 15.6 46.7#



#94
Hexachlorobutadiene
Concen: 67.410 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion:225 Resp: 355
Ion Ratio Lower Upper
225 100
223 76.9 31.4 94.3
227 57.2 32.0 96.0

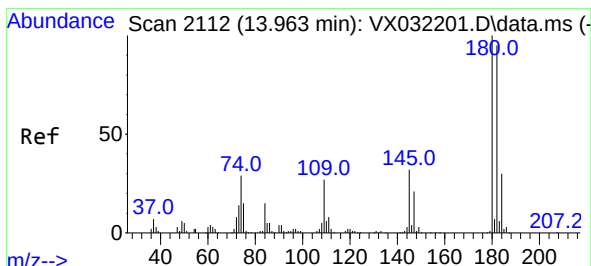
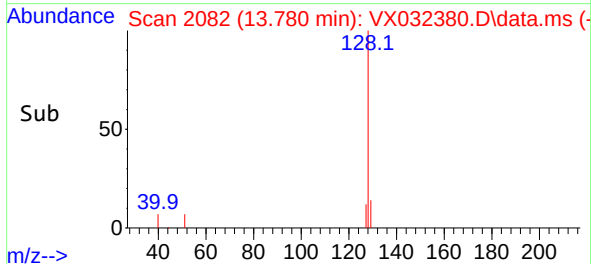
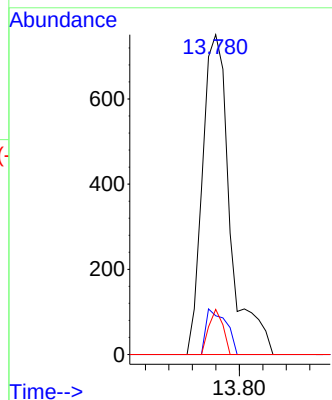
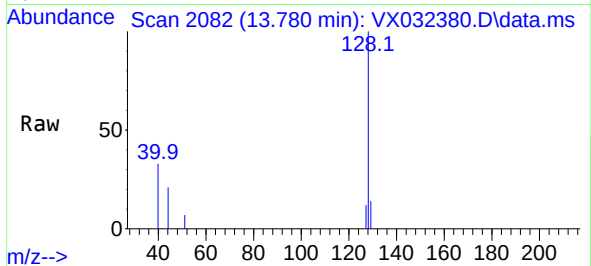




#95
Naphthalene
Concen: 31.470 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion:128 Resp: 1223
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 7.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 35.643 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032380.D
Acq: 25 Oct 2022 21:26

Tgt Ion:180 Resp: 435
Ion Ratio Lower Upper
180 100
182 80.0 47.4 142.2
145 23.0 16.5 49.5

