

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074232.D
 Acq On : 26 Aug 2022 11:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Aug 26 15:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	153993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	235850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	218890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	116269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68515	43.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.080%
35) Dibromofluoromethane	7.908	113	77694	49.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.331	98	228438	44.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.980%
62) 4-Bromofluorobenzene	12.620	95	97943	48.830	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57158	44.232	ug/l	93
3) Chloromethane	2.208	50	38024	41.299	ug/l	94
4) Vinyl Chloride	2.344	62	43693	45.206	ug/l	99
5) Bromomethane	2.767	94	26776	42.896	ug/l	95
6) Chloroethane	2.914	64	29195	46.545	ug/l	96
7) Trichlorofluoromethane	3.261	101	138253	49.237	ug/l	98
8) Diethyl Ether	3.708	74	39079	51.791	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.085	101	86497	50.912	ug/l	95
10) Methyl Iodide	4.291	142	91442	44.578	ug/l	98
11) Tert butyl alcohol	5.214	59	25158	256.740	ug/l	97
12) 1,1-Dichloroethene	4.061	96	74395	48.963	ug/l	85
13) Acrolein	3.926	56	7468	183.939	ug/l	95
14) Allyl chloride	4.702	41	115392	48.510	ug/l #	94
15) Acrylonitrile	5.408	53	90552	258.101	ug/l	96
16) Acetone	4.149	43	87697	292.523	ug/l	94
17) Carbon Disulfide	4.396	76	184274	38.100	ug/l	98
18) Methyl Acetate	4.708	43	42555	48.022	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	191507	52.631	ug/l	95
20) Methylene Chloride	4.949	84	98505	51.591	ug/l #	82
21) trans-1,2-Dichloroethene	5.461	96	86256	48.549	ug/l	87
22) Diisopropyl ether	6.355	45	252396	51.737	ug/l #	90
23) Vinyl Acetate	6.296	43	670250	243.878	ug/l #	90
24) 1,1-Dichloroethane	6.255	63	160569	49.924	ug/l	99
25) 2-Butanone	7.202	43	118302	254.902	ug/l #	85
26) 2,2-Dichloropropane	7.202	77	153973	53.132	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	100172	50.172	ug/l	92
28) Bromochloromethane	7.537	49	48270	49.652	ug/l #	75
29) Tetrahydrofuran	7.555	42	71937	256.839	ug/l	91
30) Chloroform	7.696	83	173531	51.173	ug/l	98
31) Cyclohexane	7.979	56	126898	45.307	ug/l #	87
32) 1,1,1-Trichloroethane	7.890	97	159304	50.695	ug/l	95
36) 1,1-Dichloropropene	8.102	75	124528	52.227	ug/l	95
37) Ethyl Acetate	7.285	43	51668	54.960	ug/l #	94
38) Carbon Tetrachloride	8.090	117	143065	55.855	ug/l	98
39) Methylcyclohexane	9.349	83	137682	45.901	ug/l	95
40) Benzene	8.343	78	349443	51.992	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28926	51.186	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	105253	53.127	ug/l	97
43) Isopropyl Acetate	8.443	43	99199	52.458	ug/l #	93
44) Trichloroethene	9.102	130	100365	51.507	ug/l	90
45) 1,2-Dichloropropane	9.379	63	89850	53.554	ug/l	96
46) Dibromomethane	9.467	93	50632	54.094	ug/l	93
47) Bromodichloromethane	9.649	83	131617	54.063	ug/l	98
48) Methyl methacrylate	9.449	41	48175	55.106	ug/l	89
49) 1,4-Dioxane	9.449	88	11434	1076.555	ug/l	97
51) 4-Methyl-2-Pentanone	10.214	43	265826	281.371	ug/l	93
52) Toluene	10.396	92	231377	52.370	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	119506	54.130	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	143993	55.008	ug/l #	89
55) 1,1,2-Trichloroethane	10.784	97	69953	54.645	ug/l	90
56) Ethyl methacrylate	10.649	69	84607	57.855	ug/l #	83
57) 1,3-Dichloropropane	10.931	76	113252	52.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.931	63	95689	216.164	ug/l	93
59) 2-Hexanone	10.973	43	181295	284.612	ug/l	93
60) Dibromochloromethane	11.126	129	91735	55.179	ug/l	98
61) 1,2-Dibromoethane	11.231	107	65122	52.152	ug/l	97
64) Tetrachloroethene	10.867	164	83384	52.202	ug/l	95
65) Chlorobenzene	11.655	112	252335	52.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	96957	54.060	ug/l	99
67) Ethyl Benzene	11.731	91	445343	54.547	ug/l	96
68) m/p-Xylenes	11.837	106	355822	109.420	ug/l	96
69) o-Xylene	12.167	106	162916	54.296	ug/l	95
70) Styrene	12.184	104	284751	55.352	ug/l	97
71) Bromoform	12.343	173	53472	54.820	ug/l #	99
73) Isopropylbenzene	12.467	105	445633	52.934	ug/l	99
74) N-amyl acetate	12.273	43	92280	50.390	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	76737	51.036	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	96145	84.688	ug/l #	100
77) Bromobenzene	12.743	156	103222	51.752	ug/l	86
78) n-propylbenzene	12.802	91	541733	52.615	ug/l	96
79) 2-Chlorotoluene	12.890	91	309709	52.093	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	377925	52.253	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	23598	53.454	ug/l	88
82) 4-Chlorotoluene	12.990	91	319603	50.816	ug/l	97
83) tert-Butylbenzene	13.208	119	323583	53.113	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	370852	52.686	ug/l	98
85) sec-Butylbenzene	13.384	105	493065	53.541	ug/l	97
86) p-Isopropyltoluene	13.496	119	412853	54.333	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	209769	51.992	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	208694	51.341	ug/l	99
89) n-Butylbenzene	13.825	91	380211	52.794	ug/l	97
90) Hexachloroethane	14.090	117	80005	51.899	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	181830	51.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	13001	52.818	ug/l	92
93) 1,2,4-Trichlorobenzene	15.137	180	113616	53.066	ug/l	98
94) Hexachlorobutadiene	15.243	225	63254	52.644	ug/l	97
95) Naphthalene	15.378	128	206031	47.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.566	180	98755	52.889	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

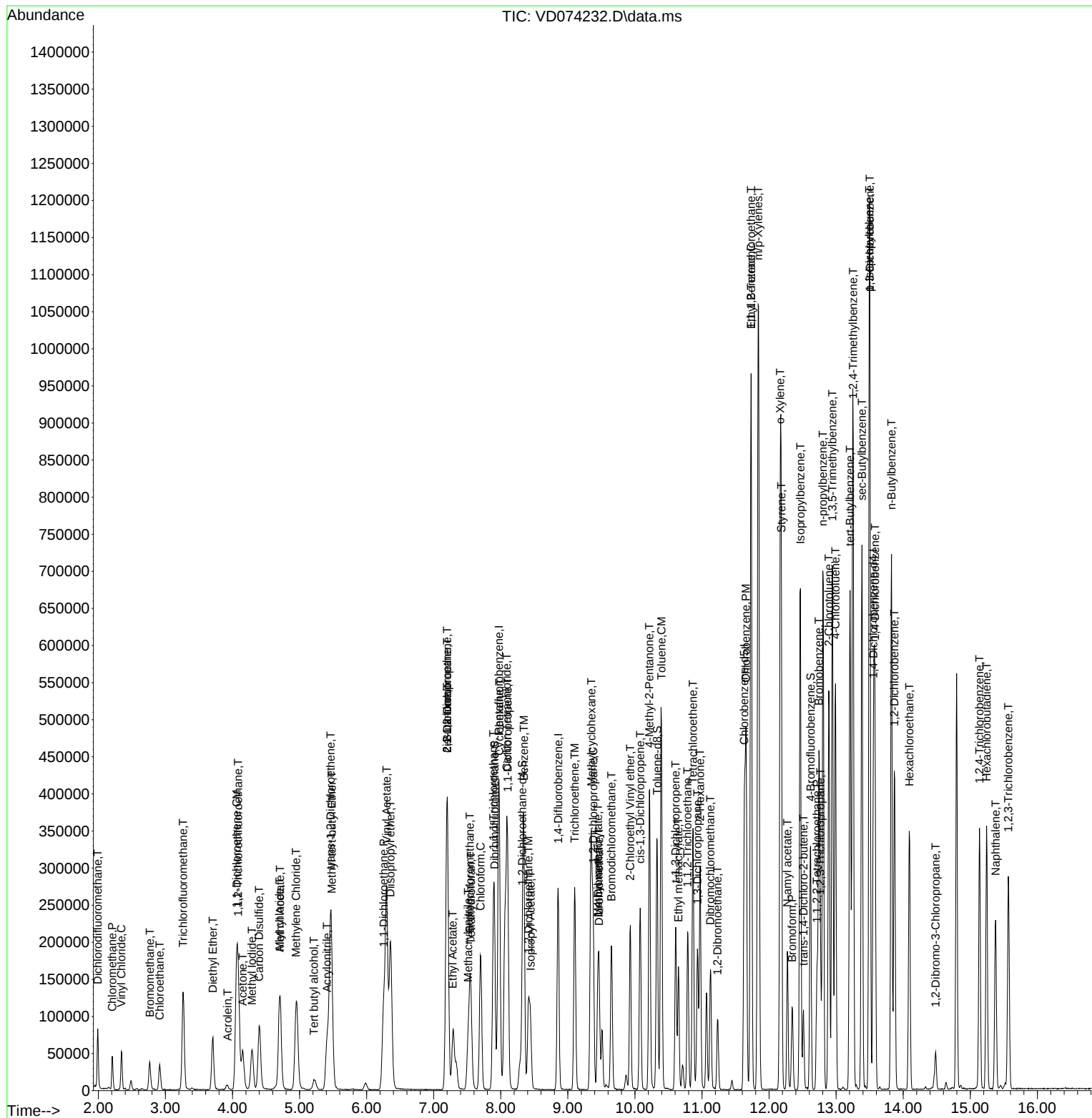
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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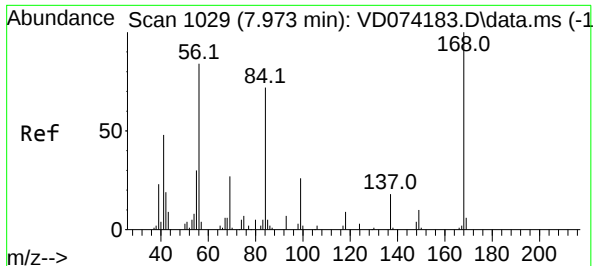
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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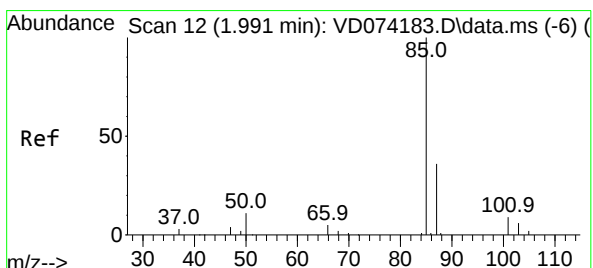
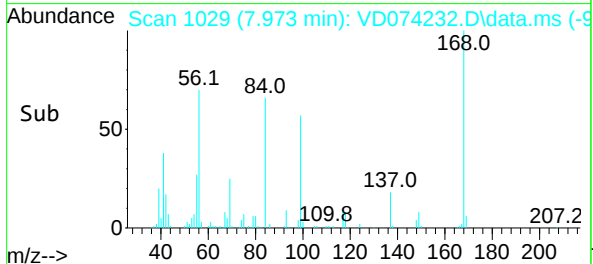
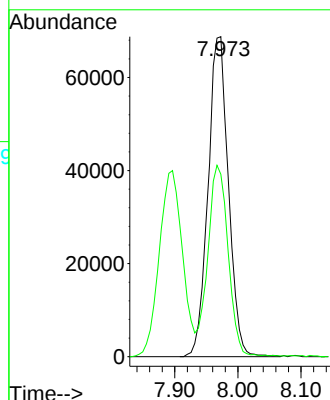
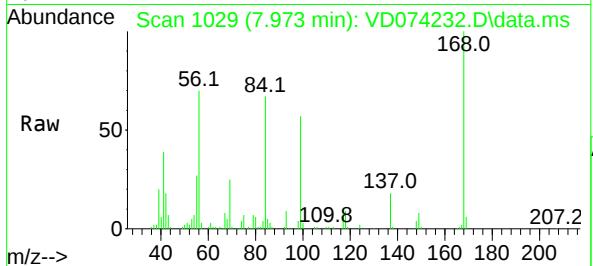




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
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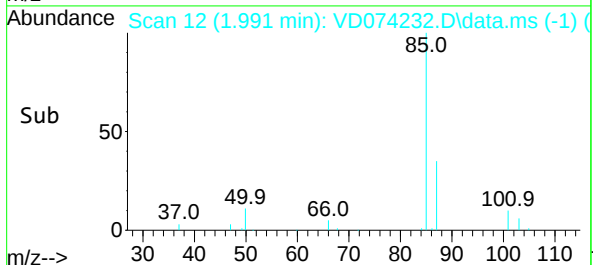
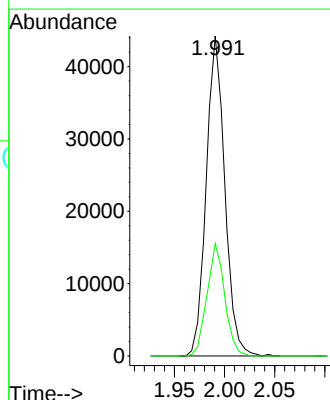
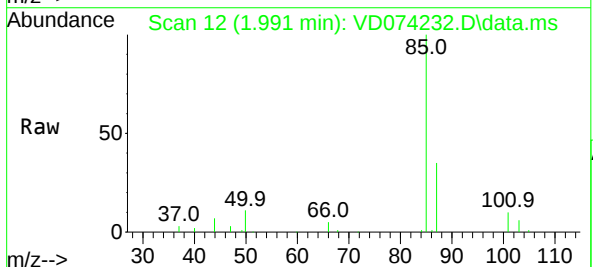
Instrument :
MSVOA_D
ClientSampleId :
BFB

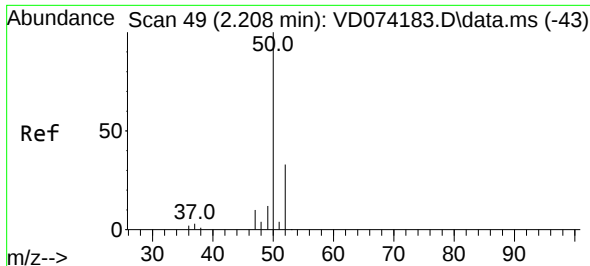
Tgt Ion:168 Resp: 153993
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.232 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 85 Resp: 57158
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0

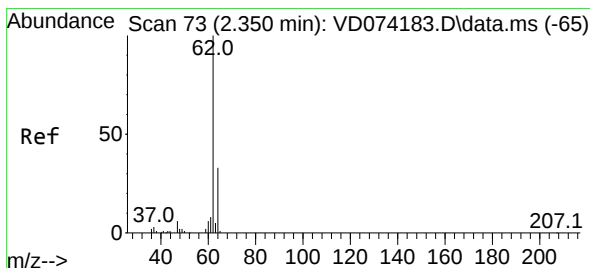
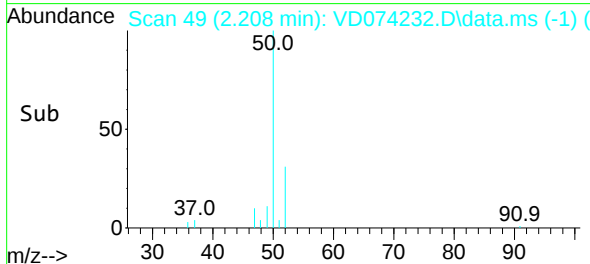
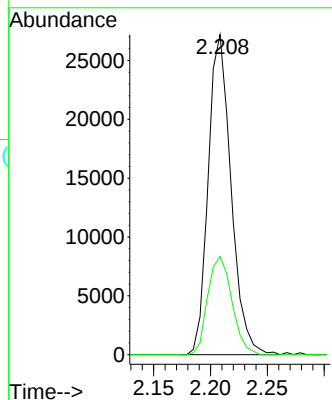
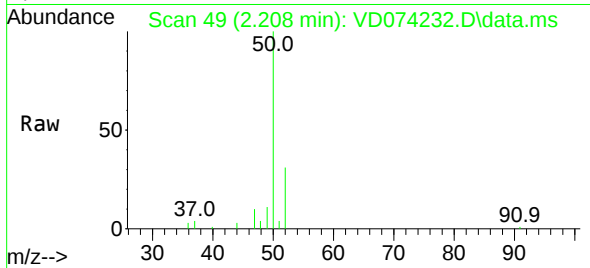




#3
Chloromethane
Concen: 41.299 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

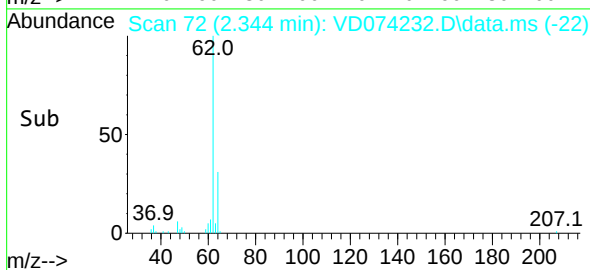
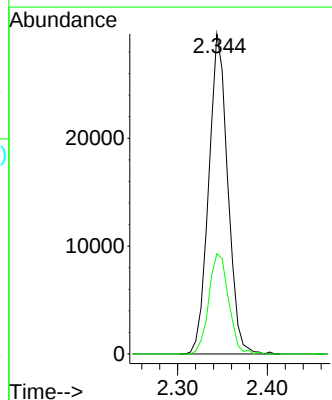
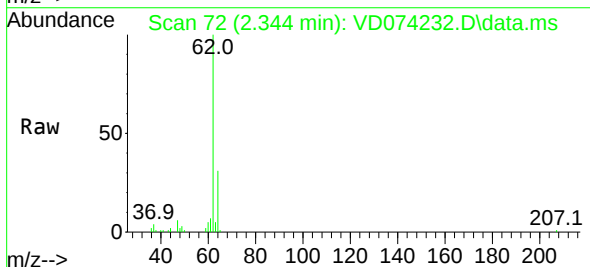
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ClientSampleId :
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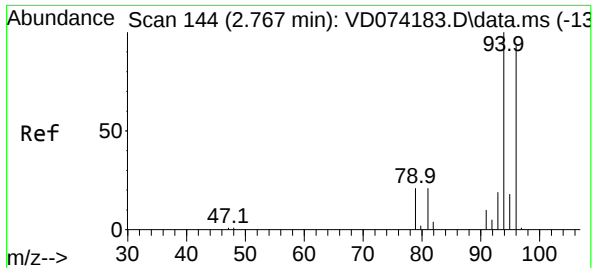
Tgt Ion: 50 Resp: 38024
Ion Ratio Lower Upper
50 100
52 30.7 27.4 41.0



#4
Vinyl Chloride
Concen: 45.206 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 62 Resp: 43693
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

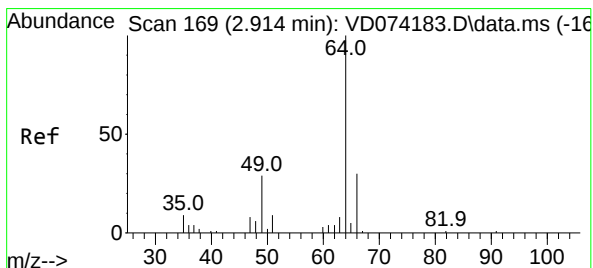
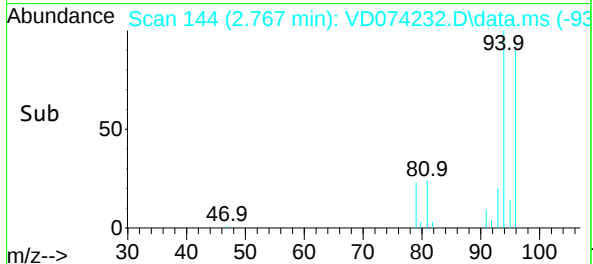
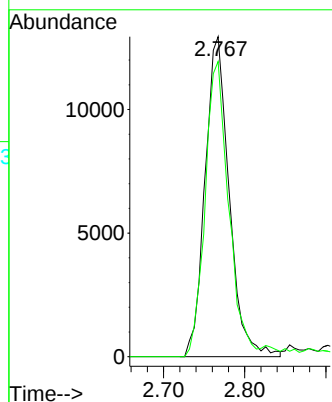
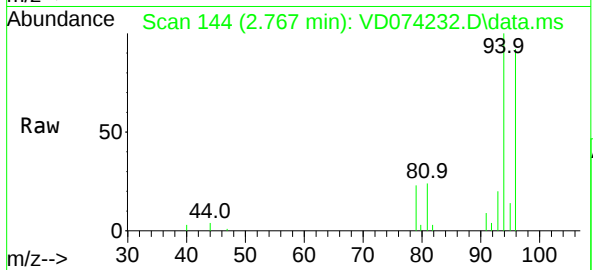




#5
Bromomethane
Concen: 42.896 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074232.D
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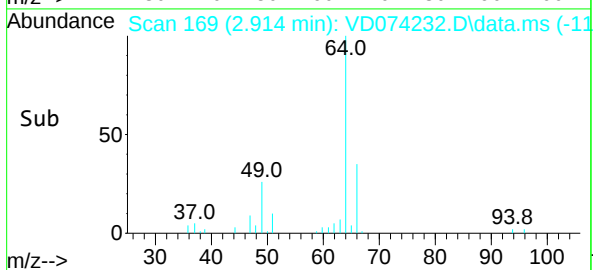
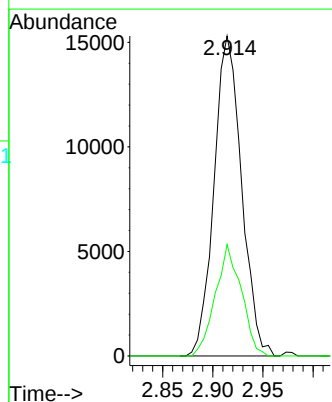
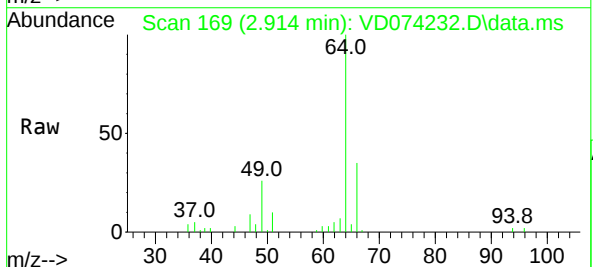
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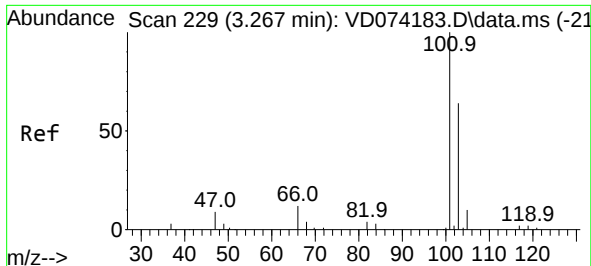
Tgt Ion: 94 Resp: 26776
Ion Ratio Lower Upper
94 100
96 92.3 77.6 116.4



#6
Chloroethane
Concen: 46.545 ug/l
RT: 2.914 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 64 Resp: 29195
Ion Ratio Lower Upper
64 100
66 34.8 25.9 38.9

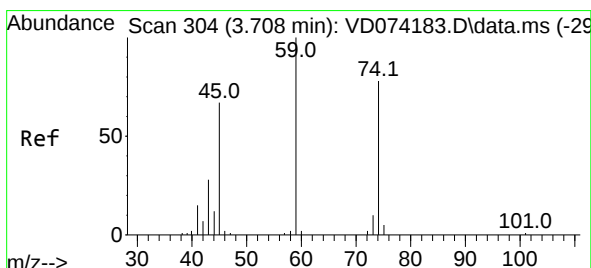
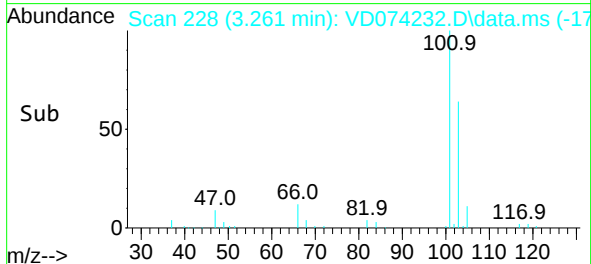
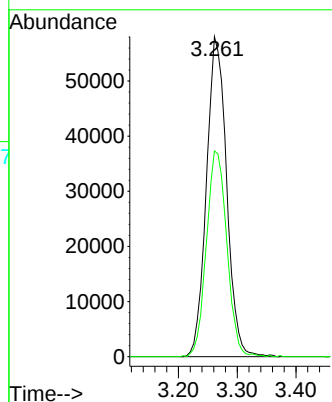
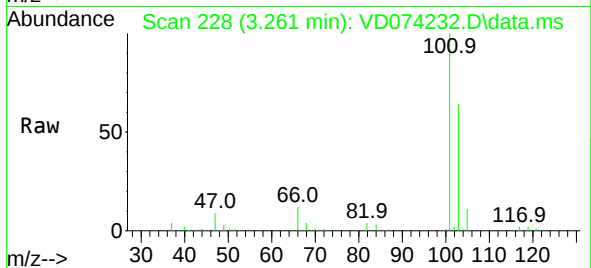




#7
Trichlorofluoromethane
Concen: 49.237 ug/l
RT: 3.261 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

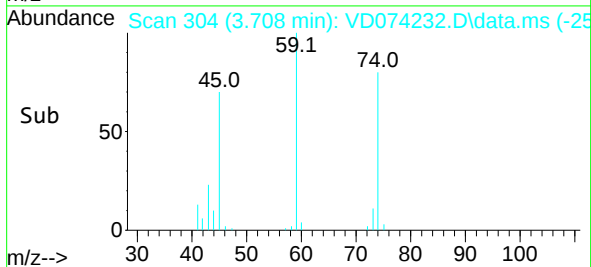
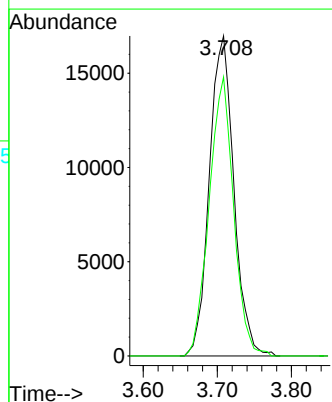
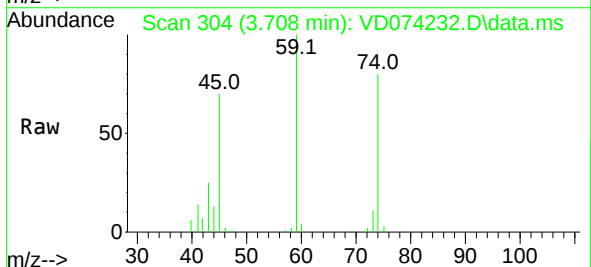
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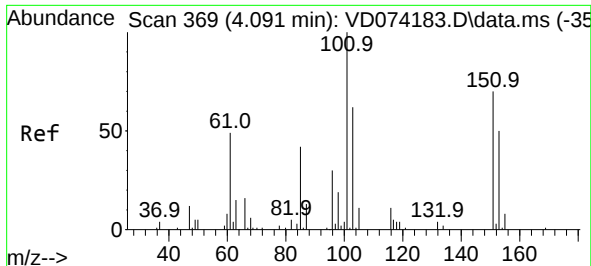
Tgt Ion:101 Resp: 138253
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1



#8
Diethyl Ether
Concen: 51.791 ug/l
RT: 3.708 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 74 Resp: 39079
Ion Ratio Lower Upper
74 100
45 86.9 52.6 157.8

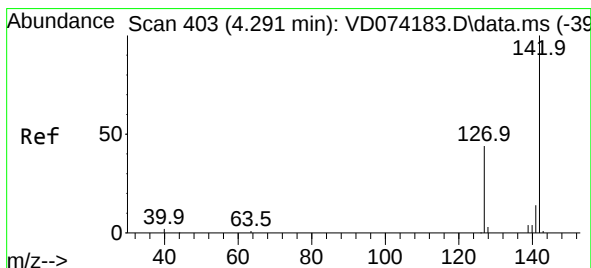
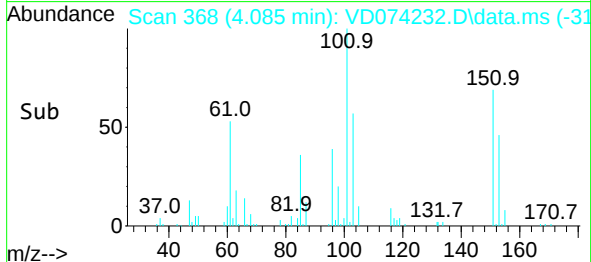
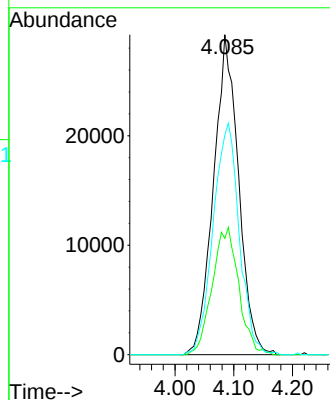
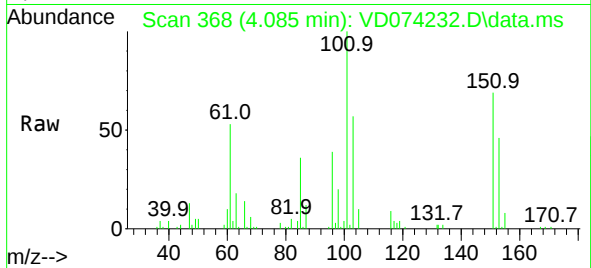




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.912 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

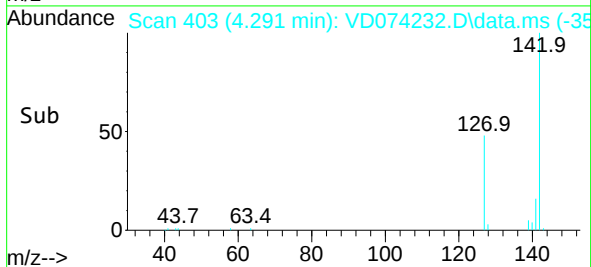
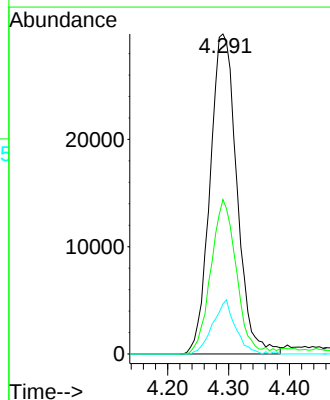
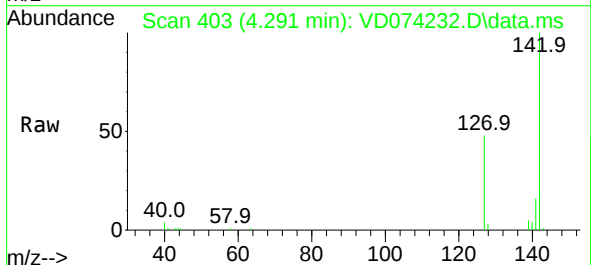
Instrument :
MSVOA_D
ClientSampleId :
BFB

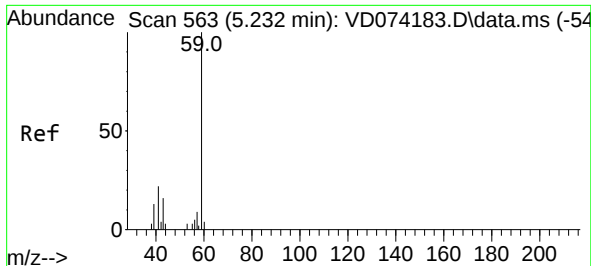
Tgt Ion:101 Resp: 86497
Ion Ratio Lower Upper
101 100
85 42.1 36.4 54.6
151 75.7 57.3 85.9



#10
Methyl Iodide
Concen: 44.578 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:142 Resp: 91442
Ion Ratio Lower Upper
142 100
127 45.2 37.3 55.9
141 14.2 11.7 17.5

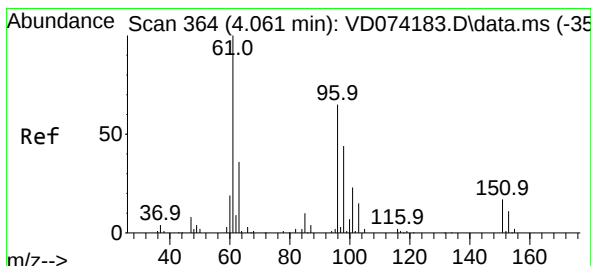
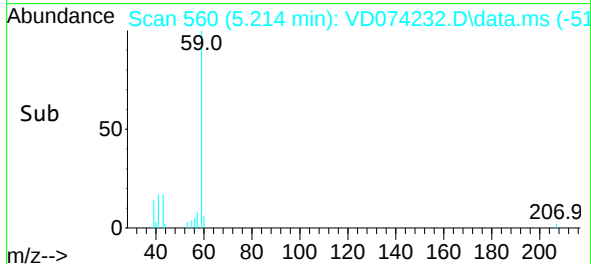
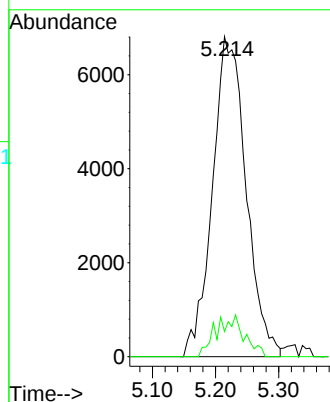
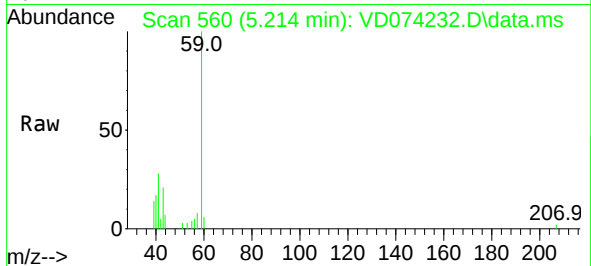




#11
Tert butyl alcohol
Concen: 256.740 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.018 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

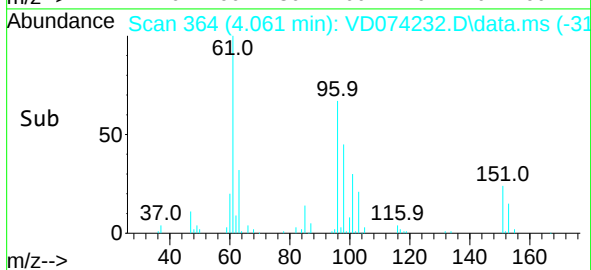
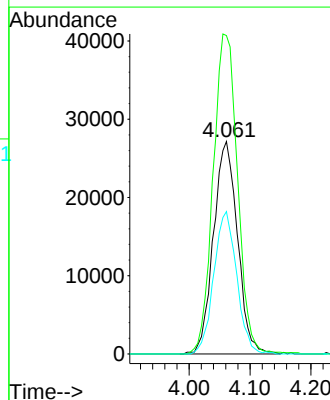
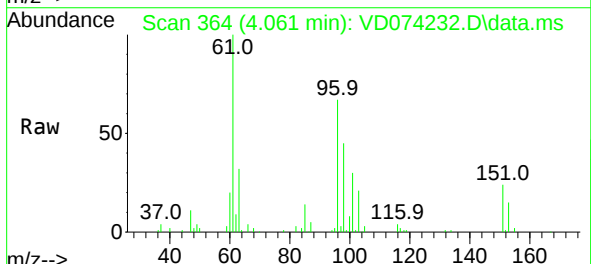
Instrument :
MSVOA_D
ClientSampleId :
BFB

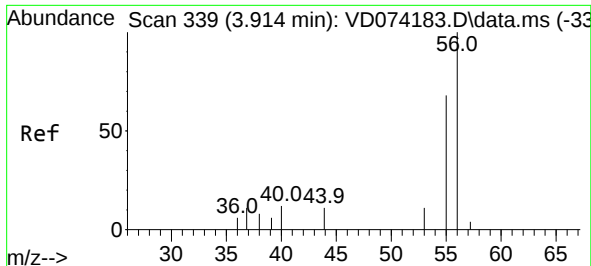
Tgt Ion: 59 Resp: 25158
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 48.963 ug/l
RT: 4.061 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 96 Resp: 74395
Ion Ratio Lower Upper
96 100
61 149.9 138.5 207.7
98 67.0 48.6 73.0

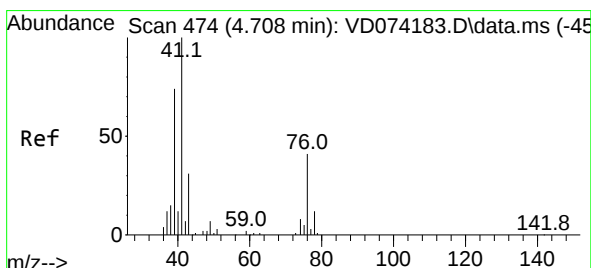
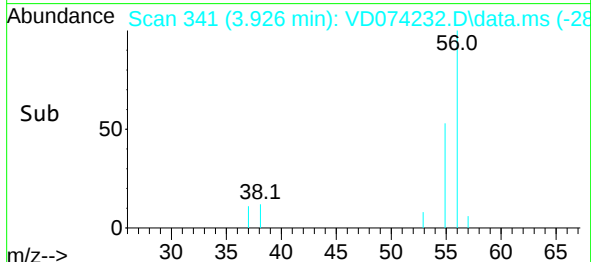
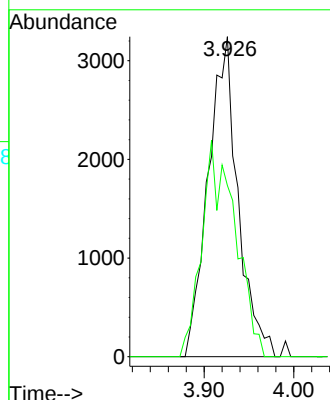
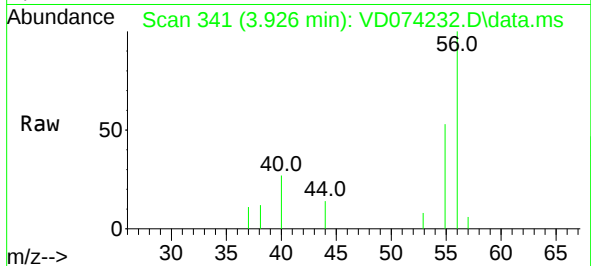




#13
Acrolein
Concen: 183.939 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

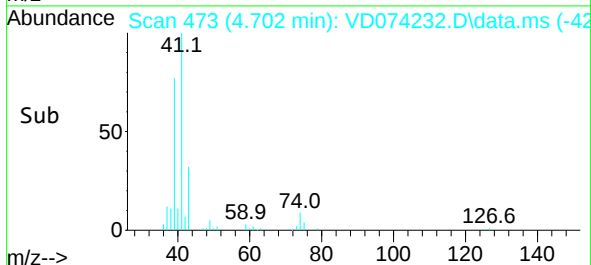
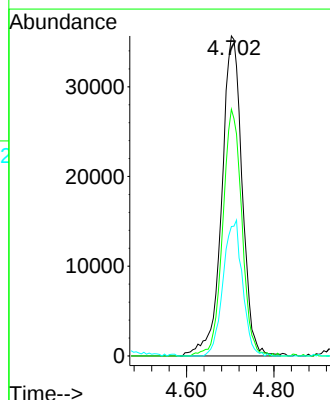
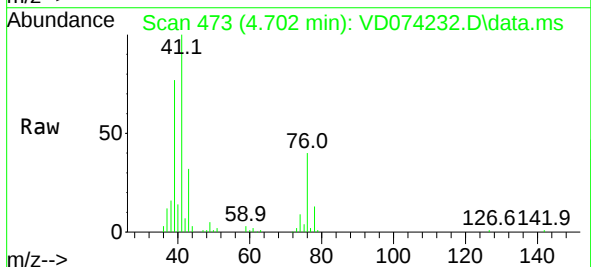
Instrument :
MSVOA_D
ClientSampleId :
BFB

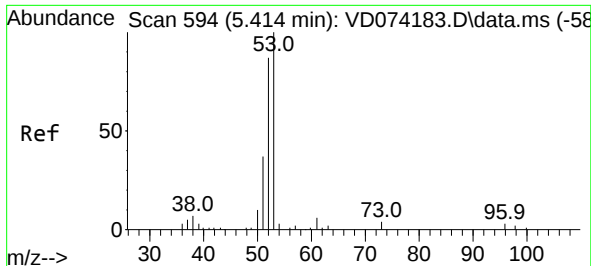
Tgt Ion: 56 Resp: 7468
Ion Ratio Lower Upper
56 100
55 75.8 57.1 85.7



#14
Allyl chloride
Concen: 48.510 ug/l
RT: 4.702 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 41 Resp: 115392
Ion Ratio Lower Upper
41 100
39 72.0 59.3 88.9
76 40.2 25.7 38.5#

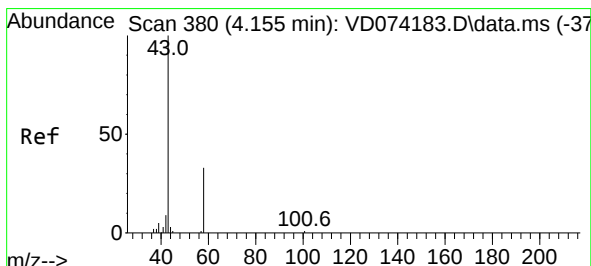
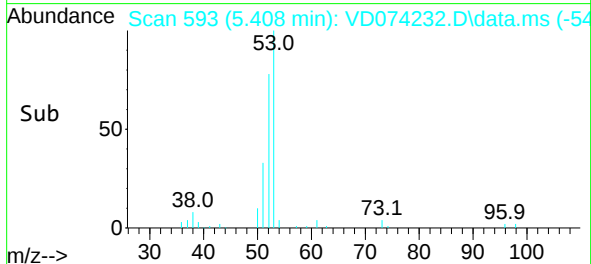
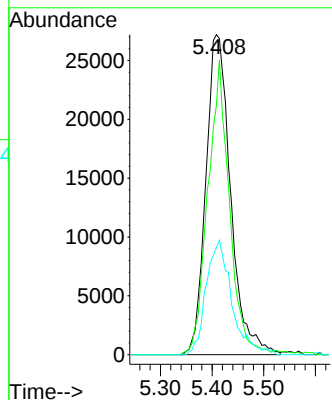
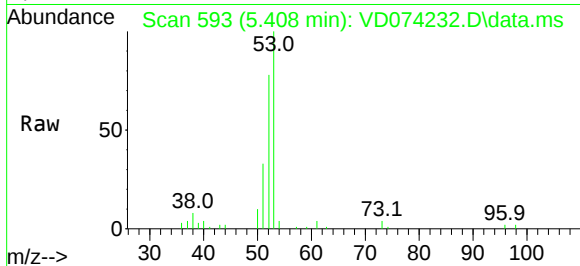




#15
Acrylonitrile
Concen: 258.101 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

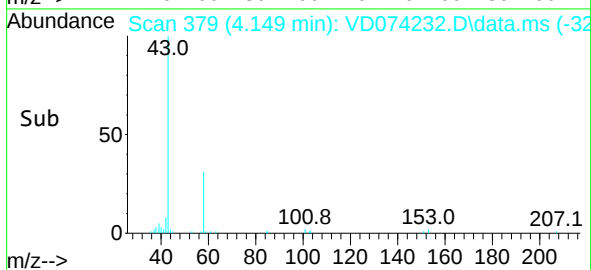
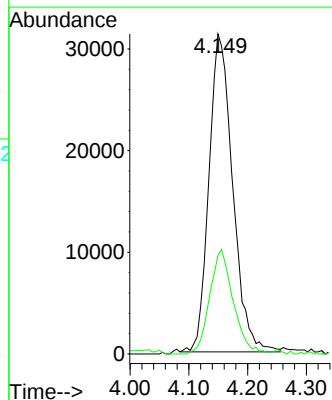
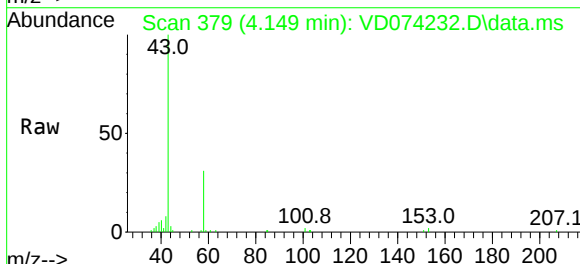
Instrument :
MSVOA_D
ClientSampleId :
BFB

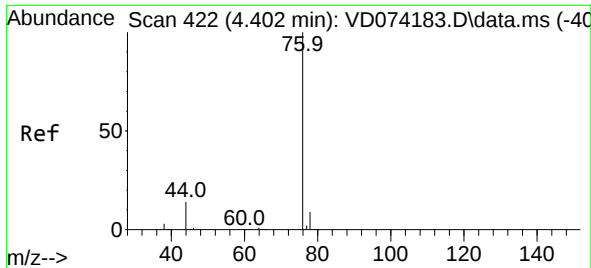
Tgt Ion: 53	Resp:	90552
Ion Ratio	Lower	Upper
53	100	
52	80.0	67.2 100.8
51	36.9	30.3 45.5



#16
Acetone
Concen: 292.523 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 43	Resp:	87697
Ion Ratio	Lower	Upper
43	100	
58	31.0	22.1 33.1

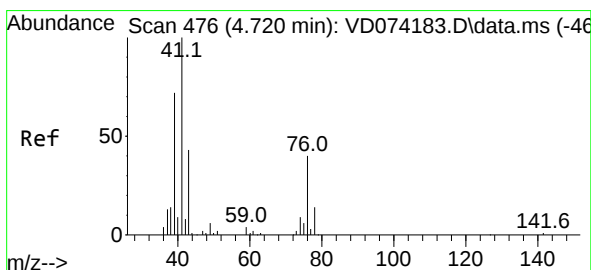
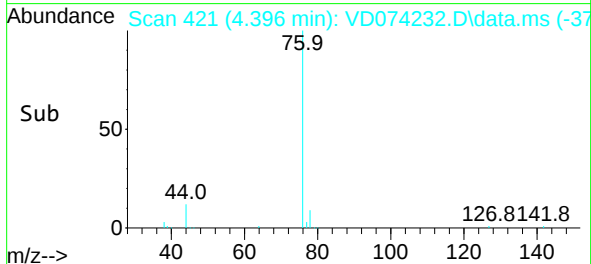
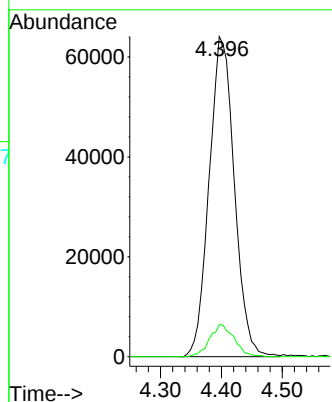
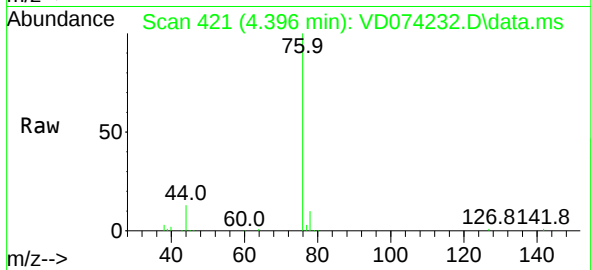




#17
Carbon Disulfide
Concen: 38.100 ug/l
RT: 4.396 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

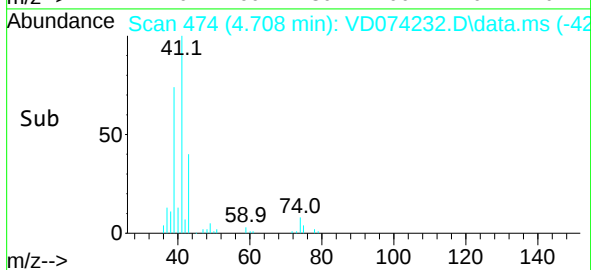
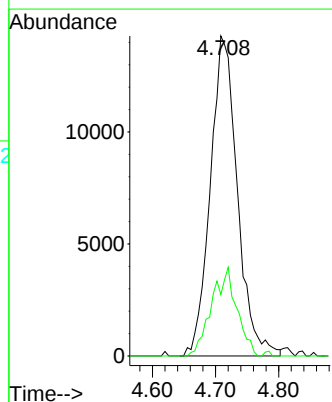
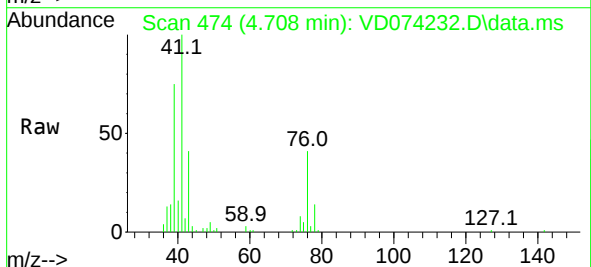
Instrument :
MSVOA_D
ClientSampleId :
BFB

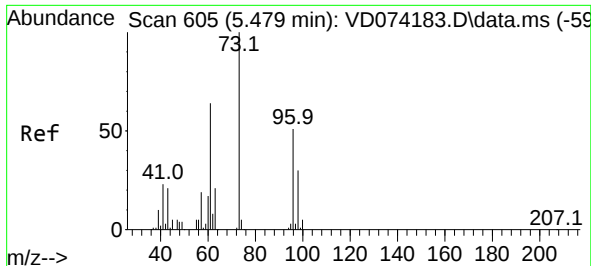
Tgt Ion: 76 Resp: 184274
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3



#18
Methyl Acetate
Concen: 48.022 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 43 Resp: 42555
Ion Ratio Lower Upper
43 100
74 25.8 16.7 25.1#

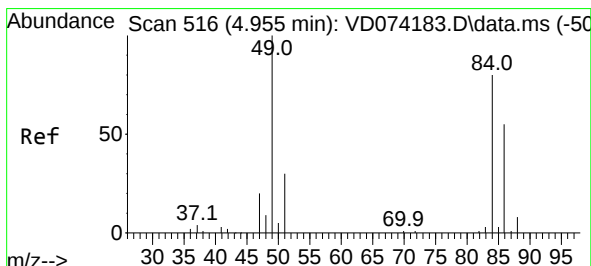
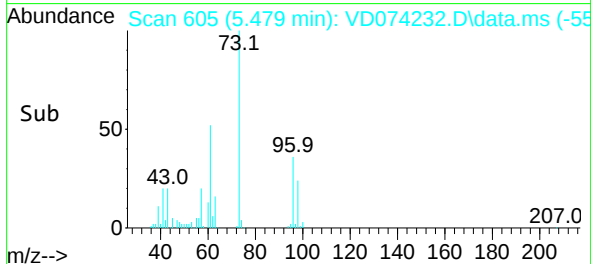
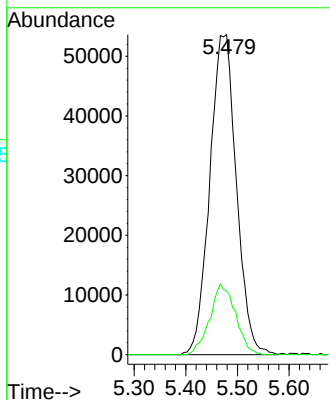
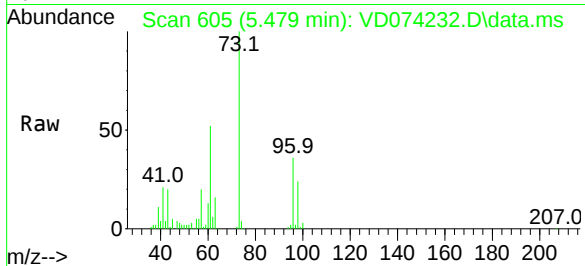




#19
Methyl tert-butyl Ether
Concen: 52.631 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

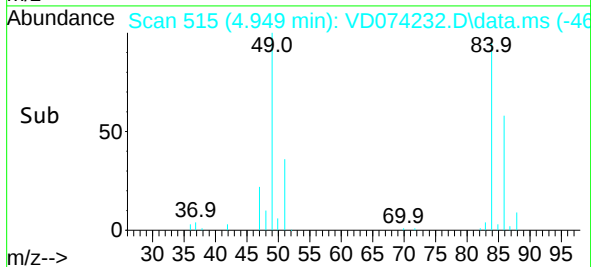
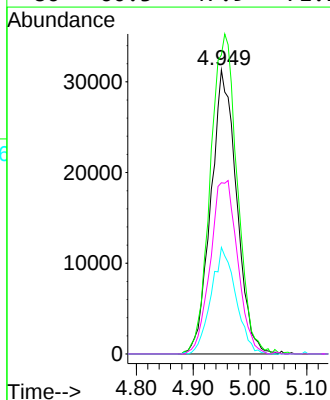
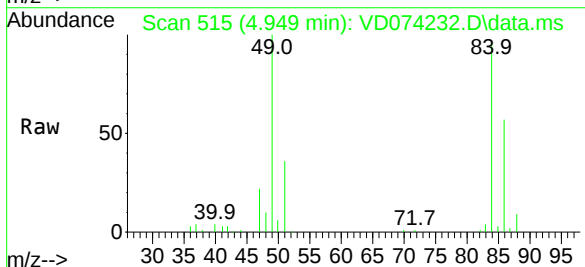
Instrument :
MSVOA_D
ClientSampleId :
BFB

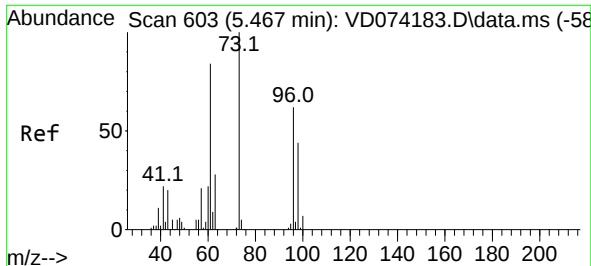
Tgt Ion: 73 Resp: 191507
Ion Ratio Lower Upper
73 100
57 20.0 18.0 27.0



#20
Methylene Chloride
Concen: 51.591 ug/l
RT: 4.949 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 84 Resp: 98505
Ion Ratio Lower Upper
84 100
49 105.3 112.8 169.2#
51 37.5 32.6 48.8
86 60.3 47.9 71.9

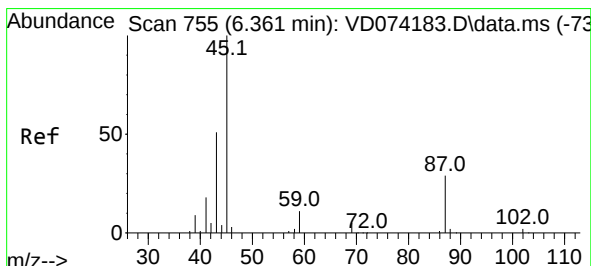
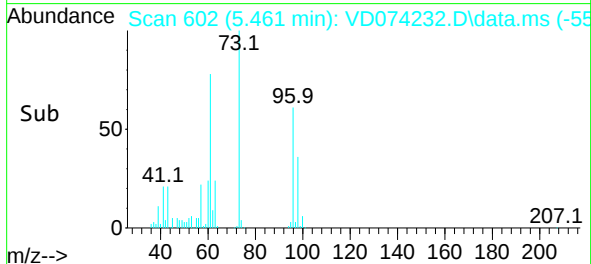
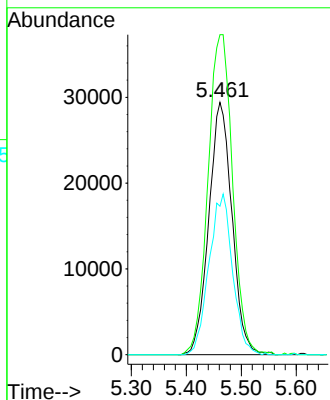
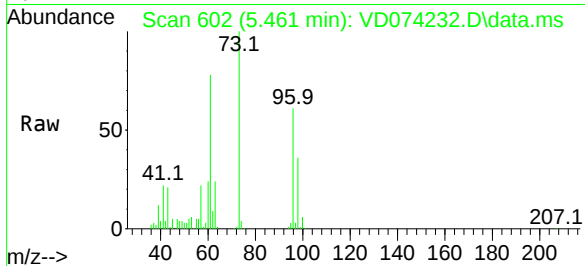




#21
trans-1,2-Dichloroethene
Concen: 48.549 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

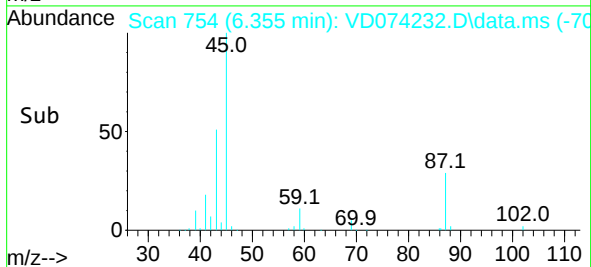
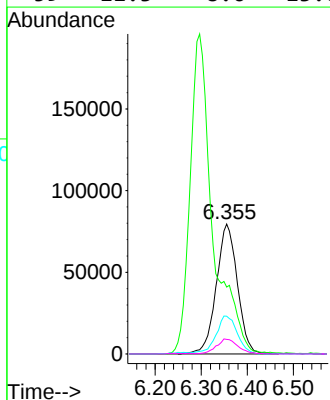
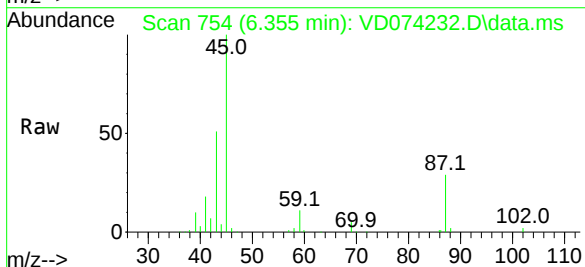
Instrument :
MSVOA_D
ClientSampleId :
BFB

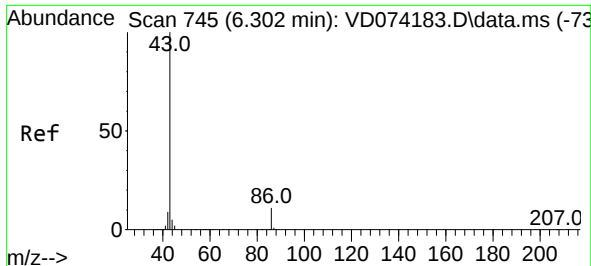
Tgt Ion: 96 Resp: 86256
Ion Ratio Lower Upper
96 100
61 126.8 117.9 176.9
98 58.8 49.4 74.2



#22
Diisopropyl ether
Concen: 51.737 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 45 Resp: 252396
Ion Ratio Lower Upper
45 100
43 50.6 46.6 70.0
87 28.7 18.4 27.6#
59 11.3 8.6 13.0

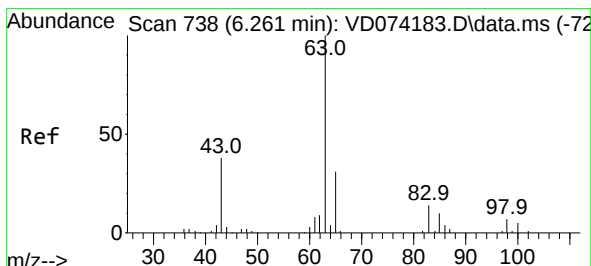
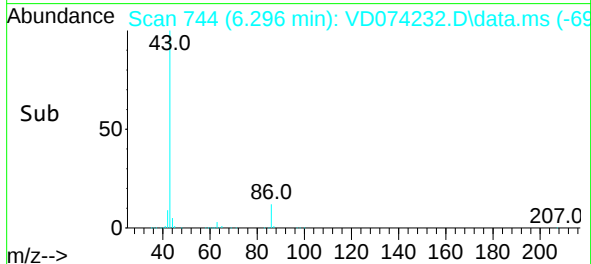
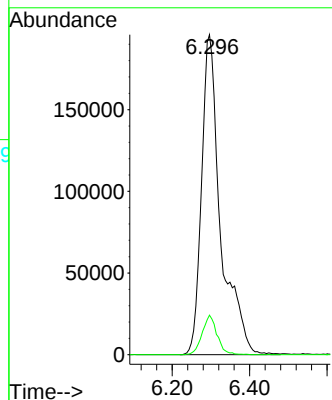
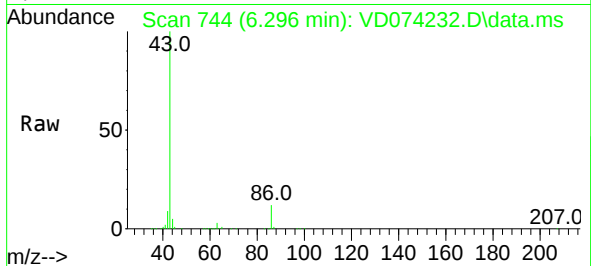




#23
 Vinyl Acetate
 Concen: 243.878 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

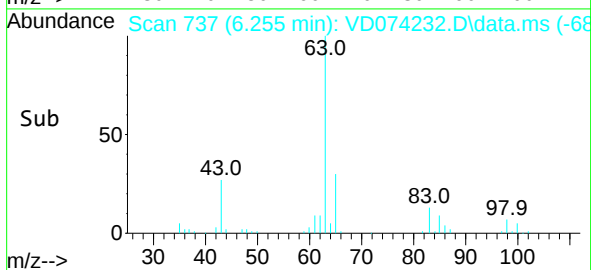
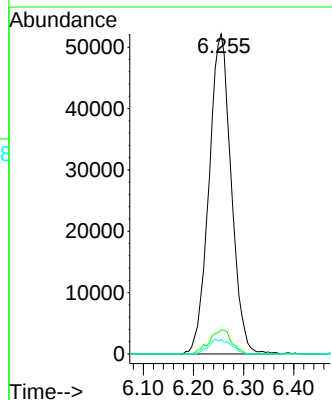
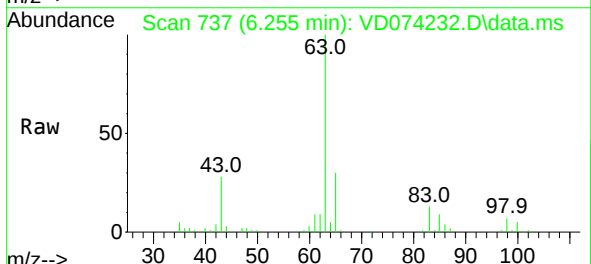
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

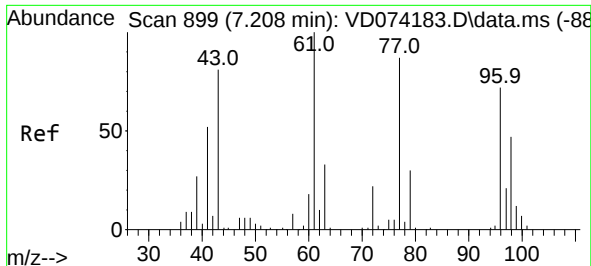
Tgt Ion: 43 Resp: 670250
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.924 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

Tgt Ion: 63 Resp: 160569
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 254.902 ug/l

RT: 7.202 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

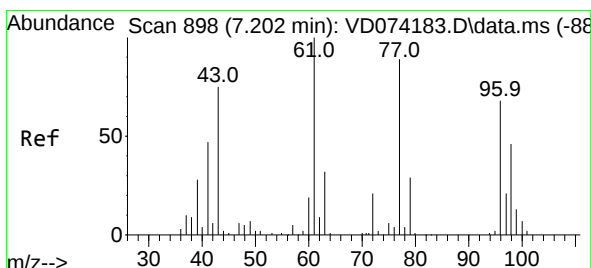
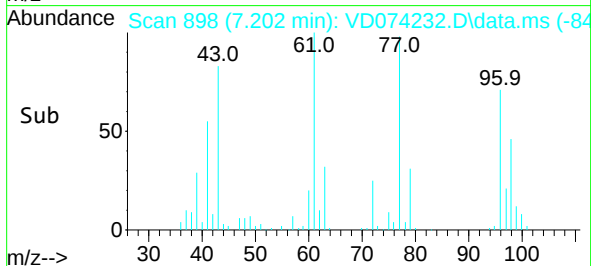
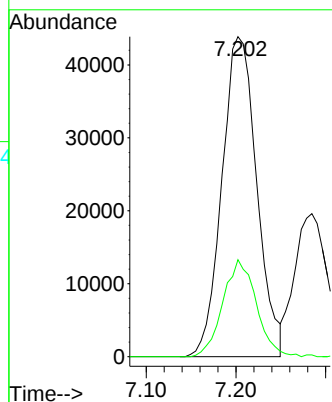
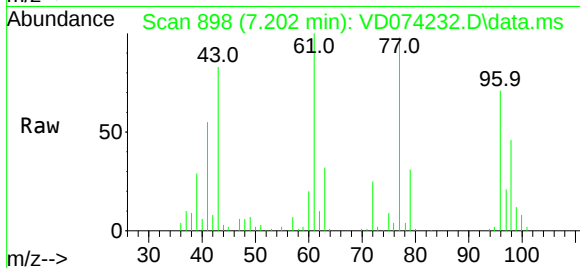
BFB

Tgt Ion: 43 Resp: 118302

Ion Ratio Lower Upper

43 100

72 30.3 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 53.132 ug/l

RT: 7.202 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD074232.D

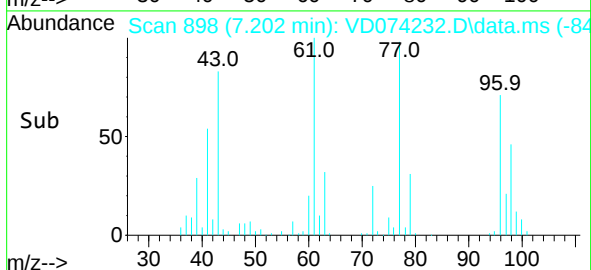
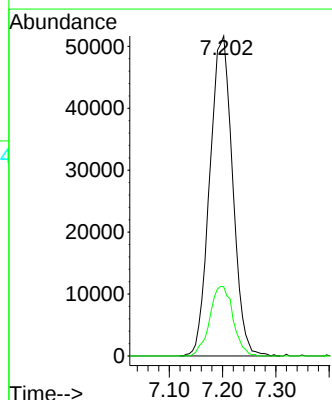
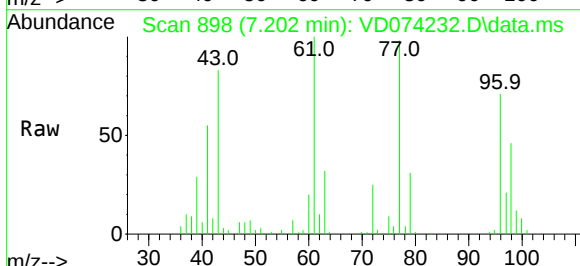
Acq: 26 Aug 2022 11:55

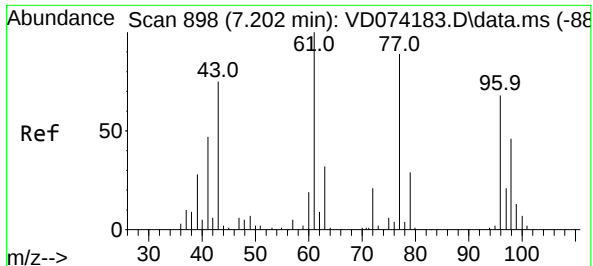
Tgt Ion: 77 Resp: 153973

Ion Ratio Lower Upper

77 100

97 22.2 10.8 32.4

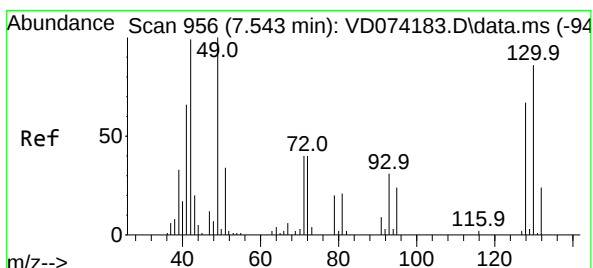
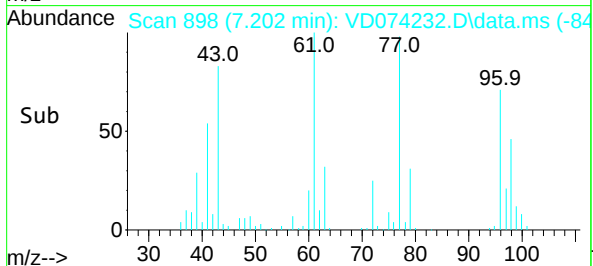
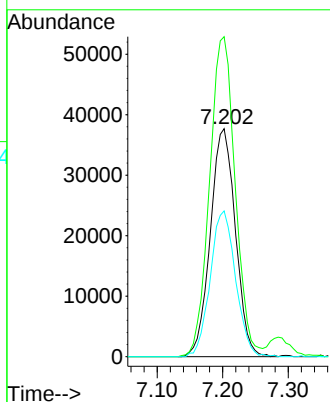
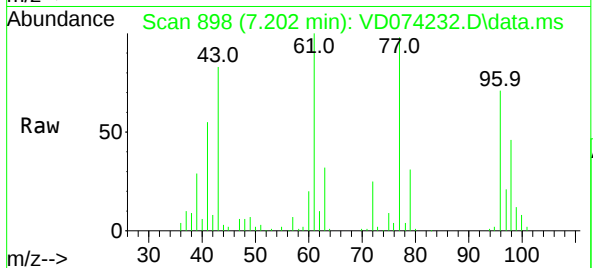




#27
 cis-1,2-Dichloroethene
 Concen: 50.172 ug/l
 RT: 7.202 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

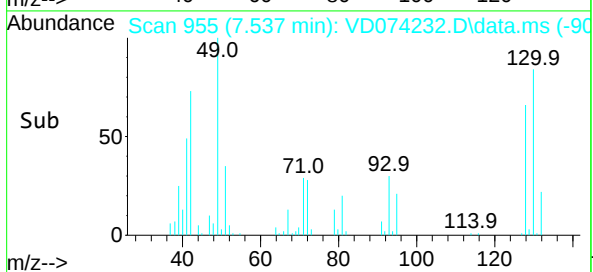
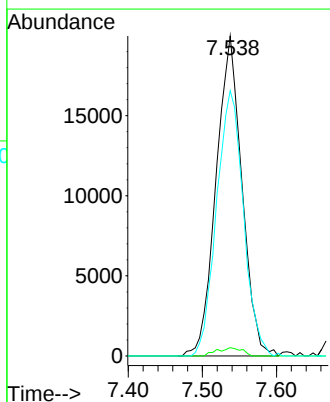
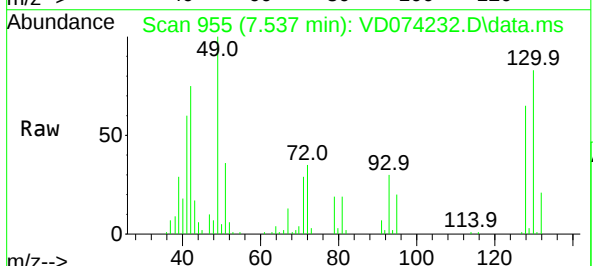
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

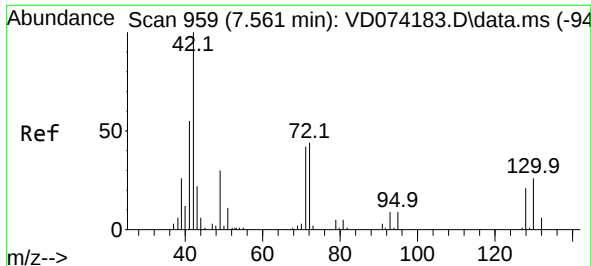
Tgt Ion: 96 Resp: 100172
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 313.8
 98 64.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.652 ug/l
 RT: 7.537 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

Tgt Ion: 49 Resp: 48270
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.0
 130 86.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 256.839 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

BFB

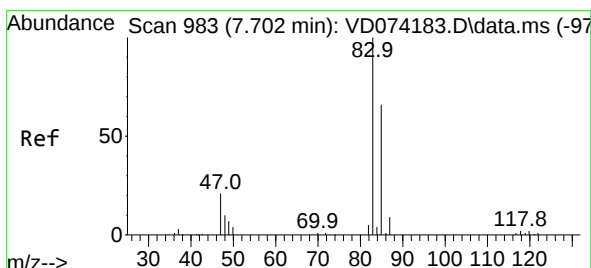
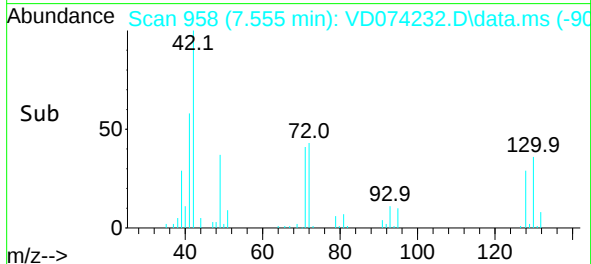
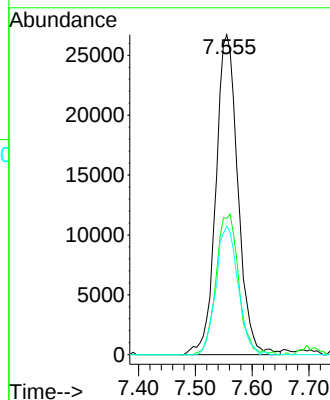
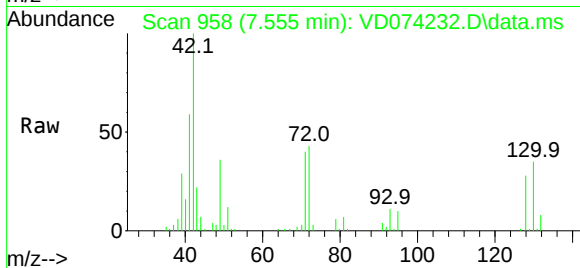
Tgt Ion: 42 Resp: 71937

Ion Ratio Lower Upper

42 100

72 44.8 30.7 46.1

71 40.4 28.6 43.0



#30

Chloroform

Concen: 51.173 ug/l

RT: 7.696 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD074232.D

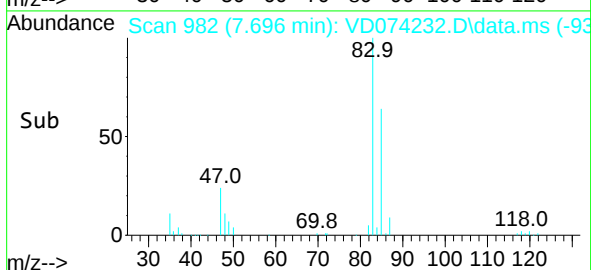
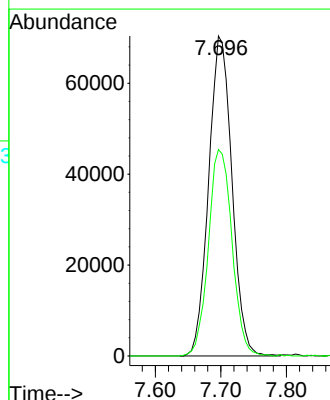
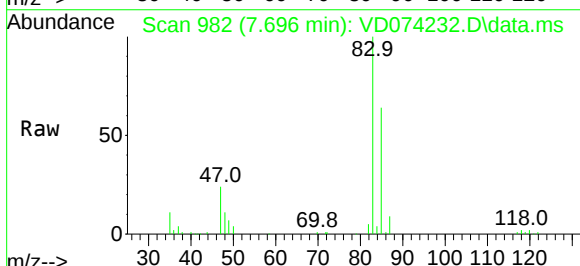
Acq: 26 Aug 2022 11:55

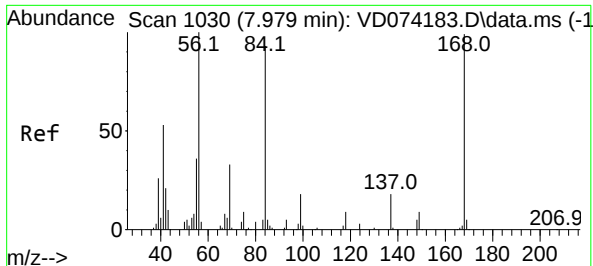
Tgt Ion: 83 Resp: 173531

Ion Ratio Lower Upper

83 100

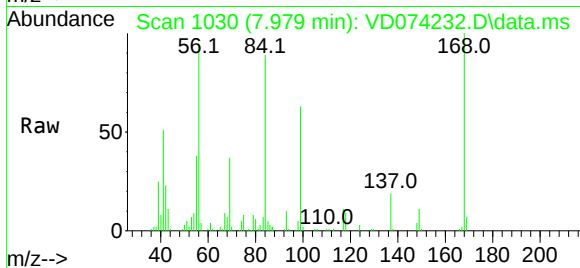
85 64.5 52.7 79.1



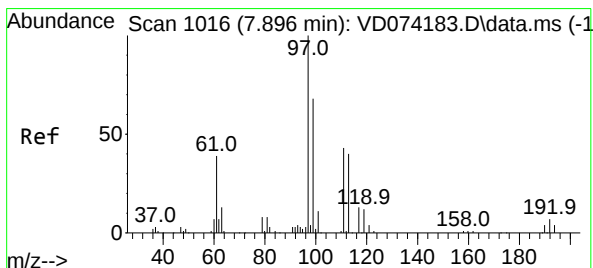
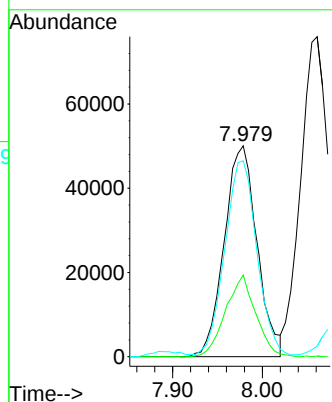
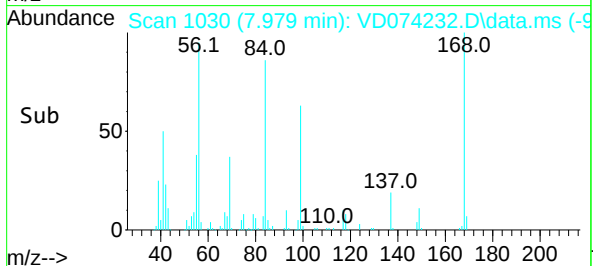


#31
Cyclohexane
Concen: 45.307 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

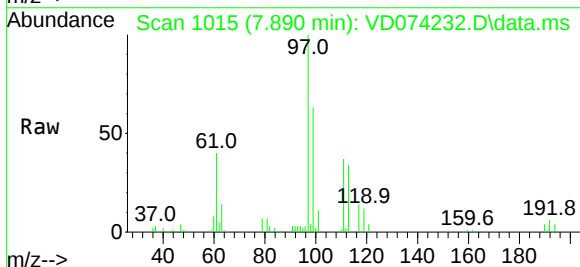
Instrument :
MSVOA_D
ClientSampleId :
BFB



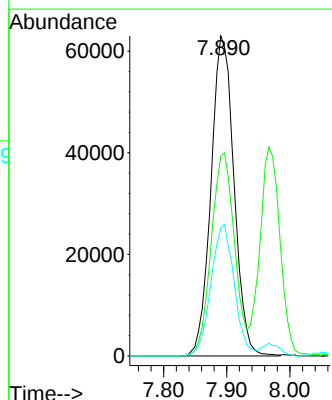
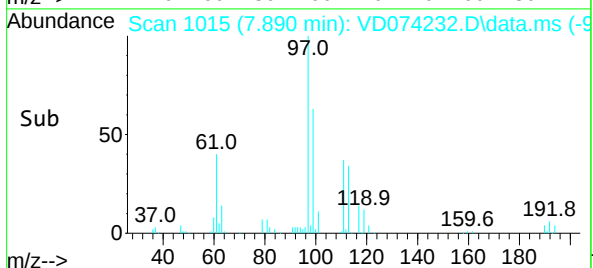
Tgt Ion: 56 Resp: 126898
Ion Ratio Lower Upper
56 100
69 38.7 25.4 38.2#
84 90.7 63.0 94.4

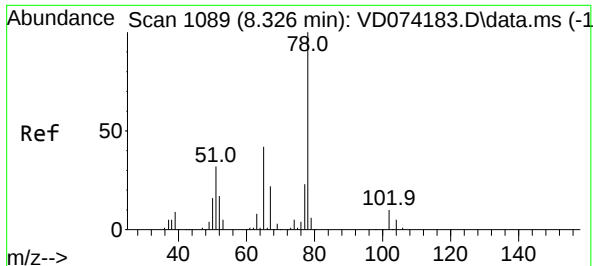


#32
1,1,1-Trichloroethane
Concen: 50.695 ug/l
RT: 7.890 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55



Tgt Ion: 97 Resp: 159304
Ion Ratio Lower Upper
97 100
99 64.2 52.4 78.6
61 41.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 43.541 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

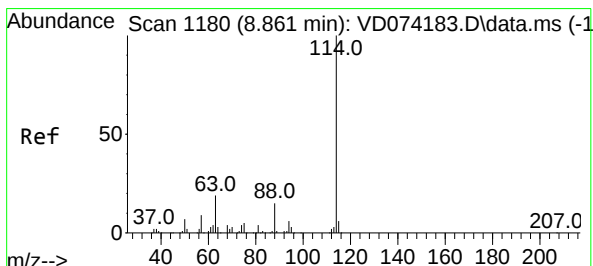
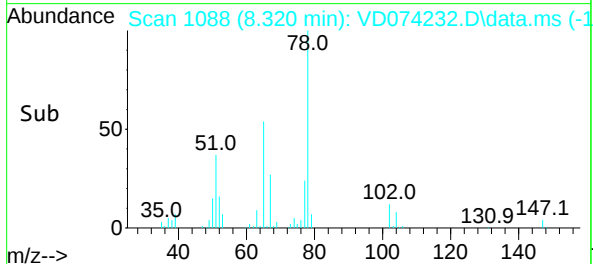
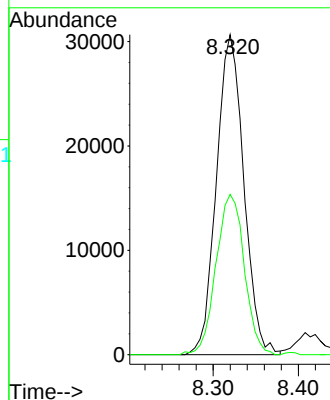
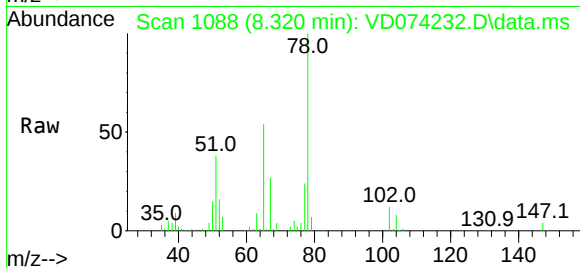
BFB

Tgt Ion: 65 Resp: 68515

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

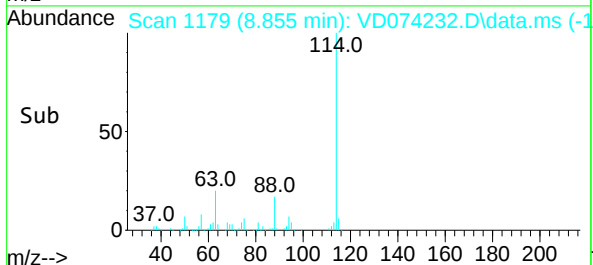
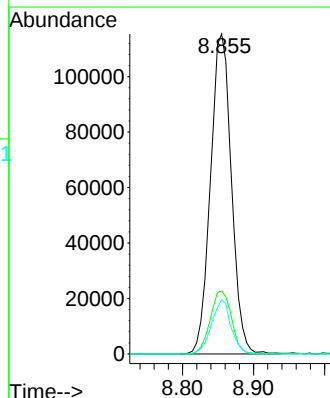
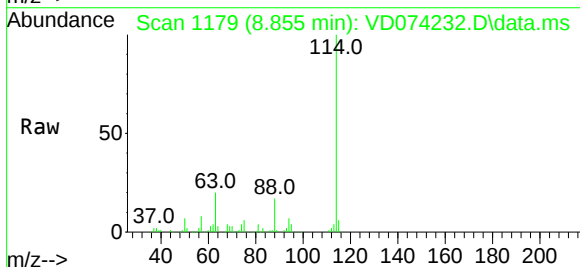
Tgt Ion: 114 Resp: 235850

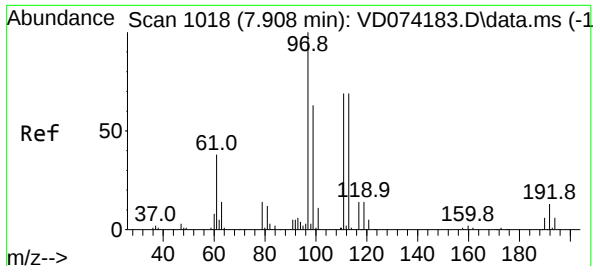
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 16.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.249 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

BFB

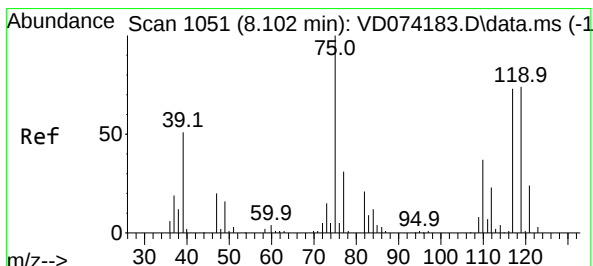
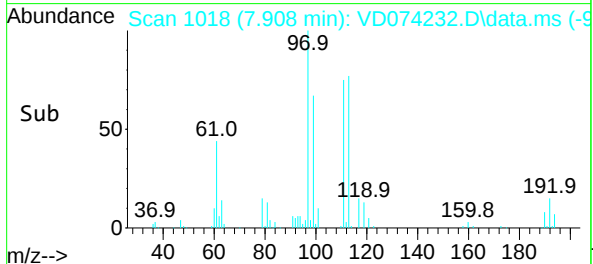
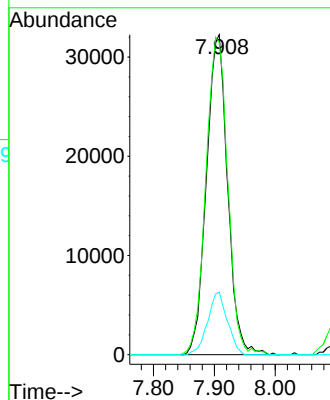
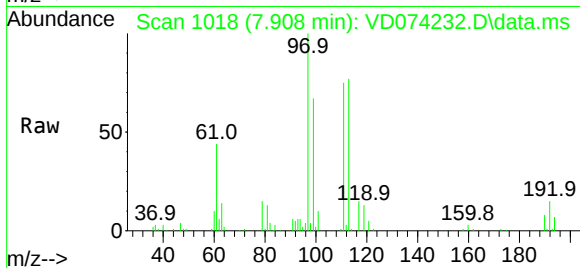
Tgt Ion:113 Resp: 77694

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.227 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

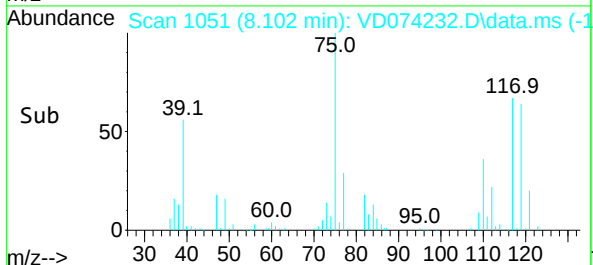
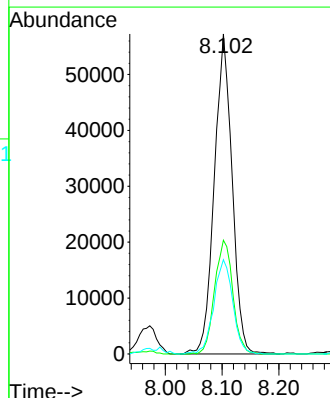
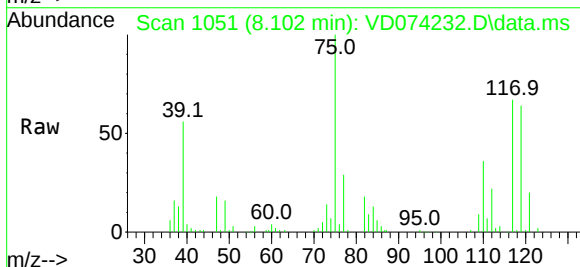
Tgt Ion: 75 Resp: 124528

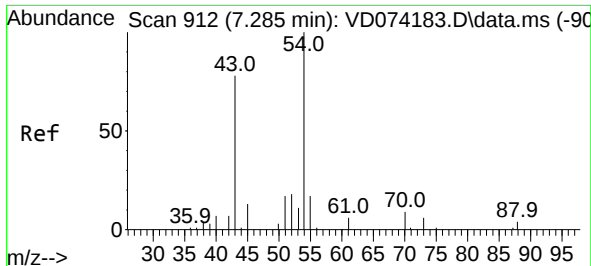
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 54.960 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

BFB

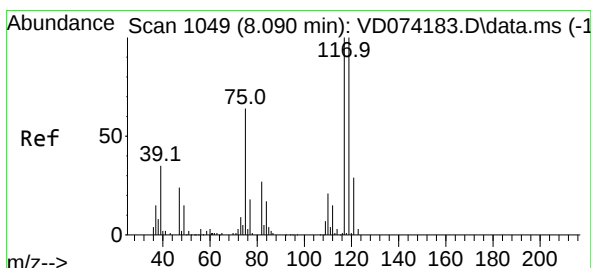
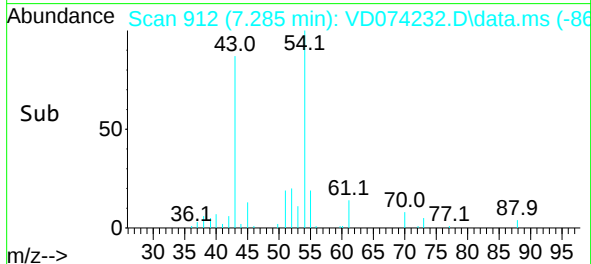
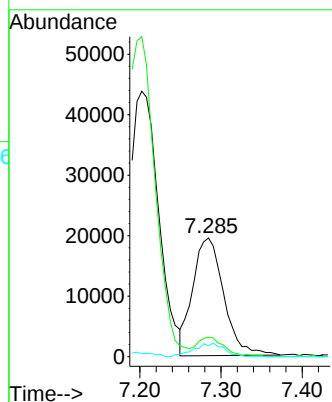
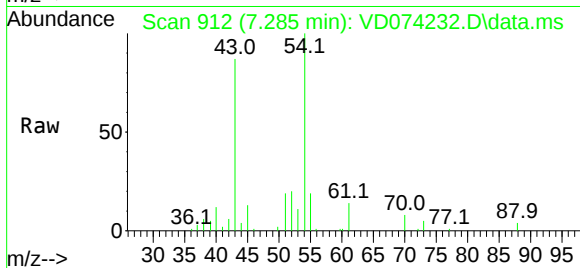
Tgt Ion: 43 Resp: 51668

Ion Ratio Lower Upper

43 100

61 14.7 9.8 14.8

70 11.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 55.855 ug/l

RT: 8.090 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

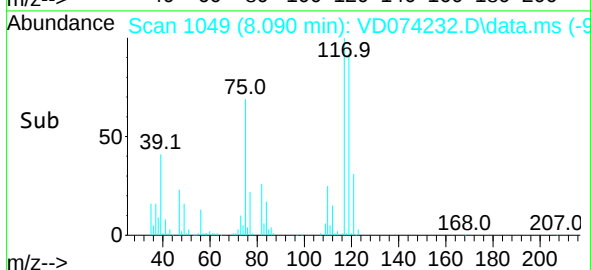
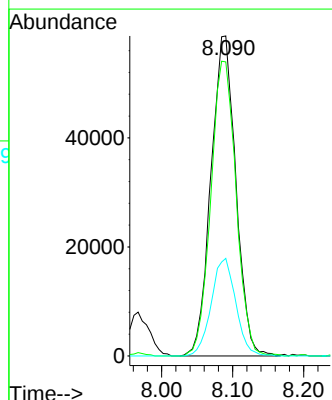
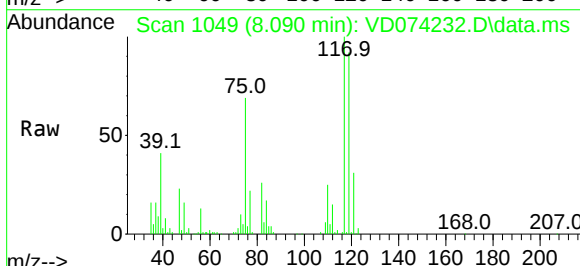
Tgt Ion: 117 Resp: 143065

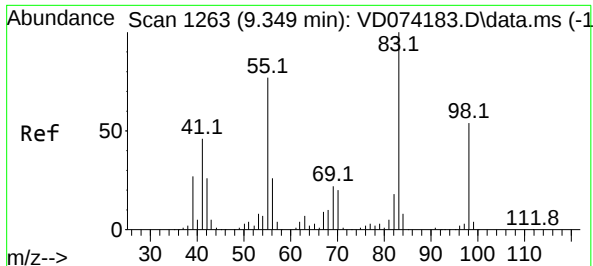
Ion Ratio Lower Upper

117 100

119 91.9 75.8 113.6

121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 45.901 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

BFB

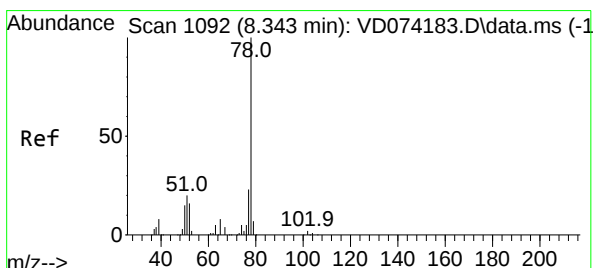
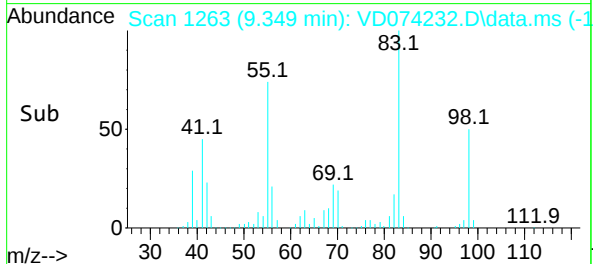
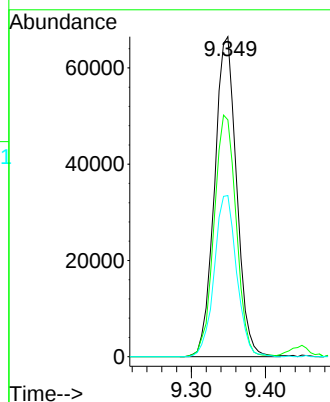
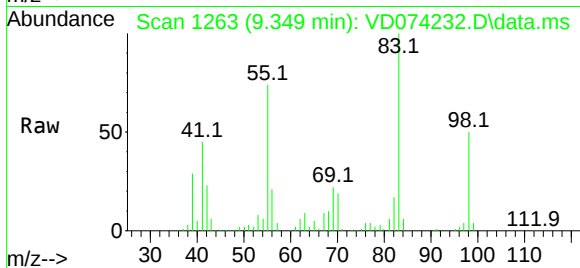
Tgt Ion: 83 Resp: 137682

Ion Ratio Lower Upper

83 100

55 74.0 63.2 94.8

98 50.3 38.2 57.4



#40

Benzene

Concen: 51.992 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD074232.D

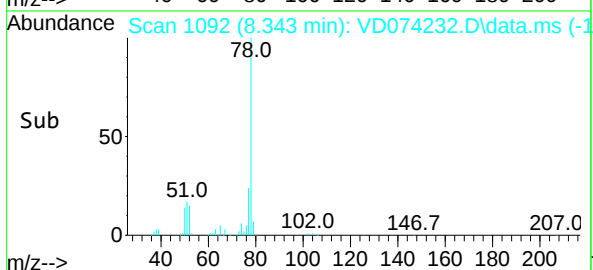
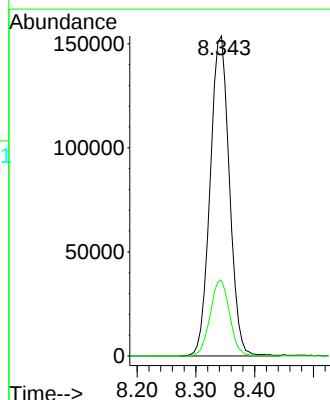
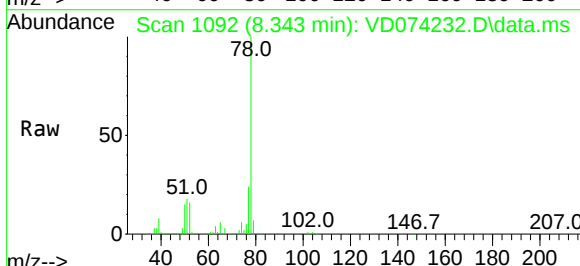
Acq: 26 Aug 2022 11:55

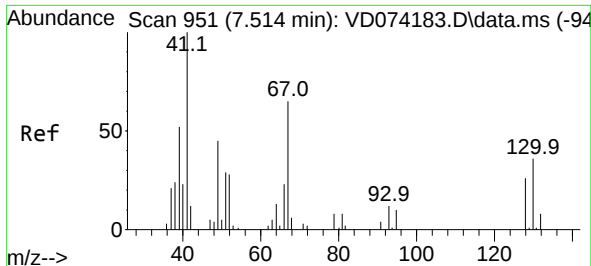
Tgt Ion: 78 Resp: 349443

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

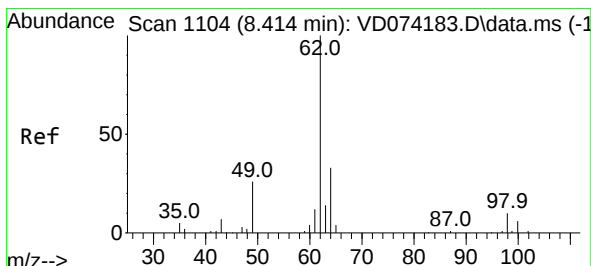
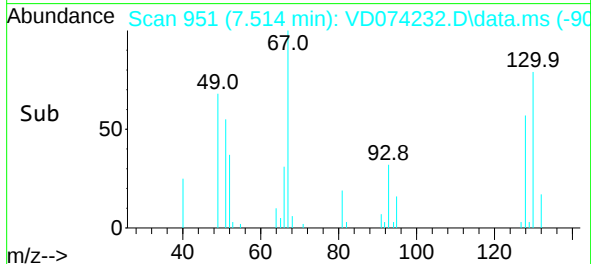
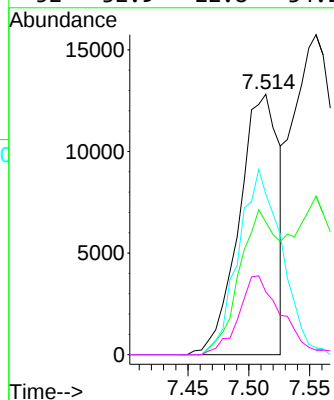
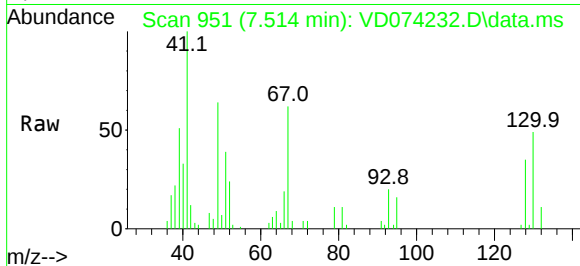




#41
Methacrylonitrile
Concen: 51.186 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

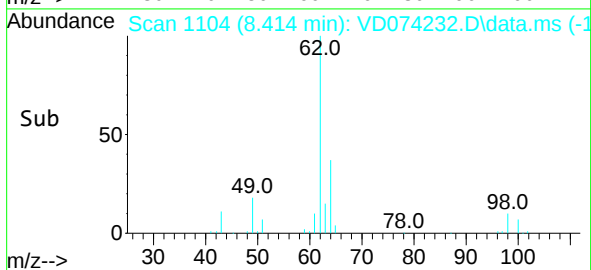
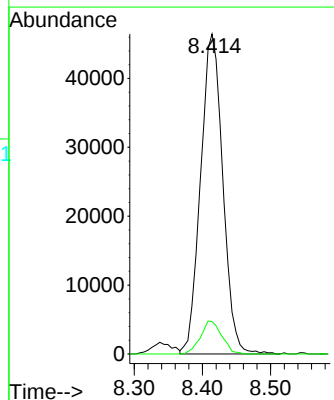
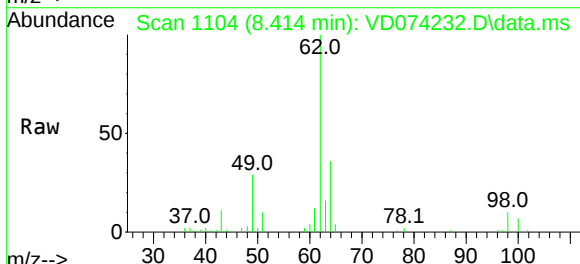
Instrument :
MSVOA_D
ClientSampleId :
BFB

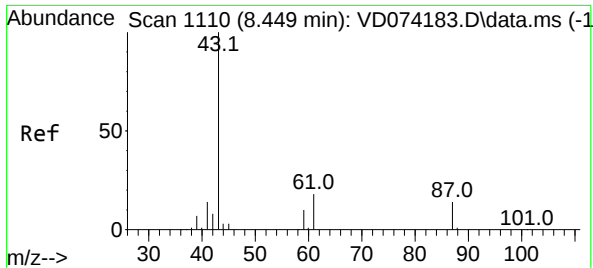
Tgt Ion:	41	Resp:	28926
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.6	67.0
67	77.9	48.2	72.4#
52	32.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 53.127 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:	62	Resp:	105253
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.6

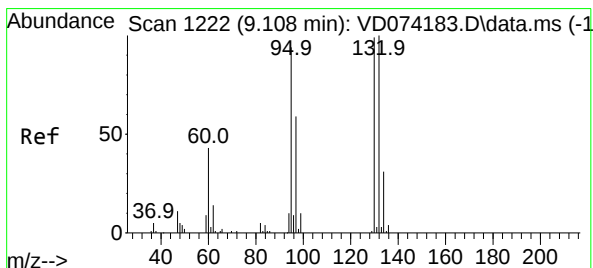
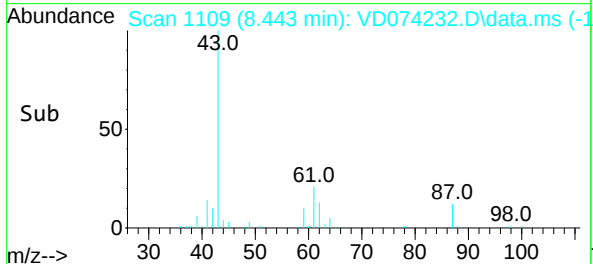
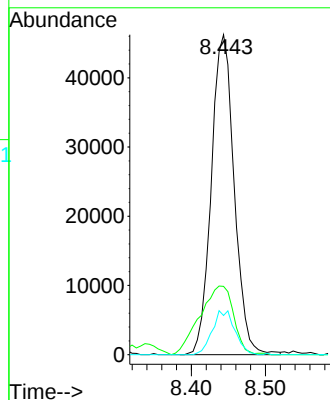
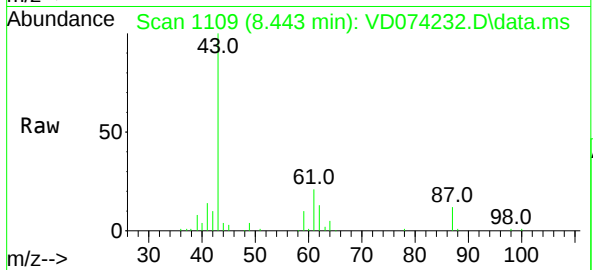




#43
Isopropyl Acetate
Concen: 52.458 ug/l
RT: 8.443 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

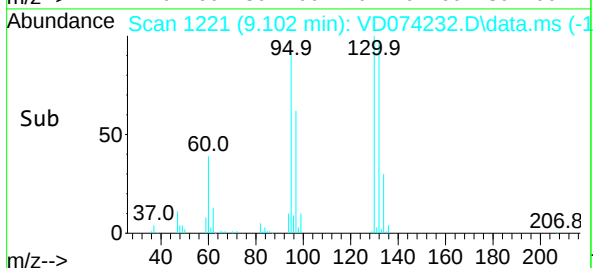
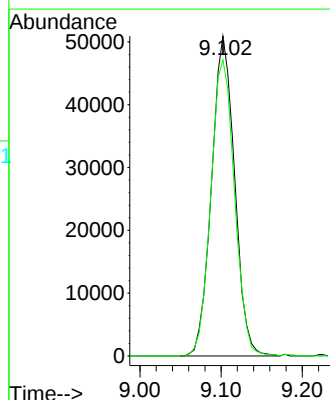
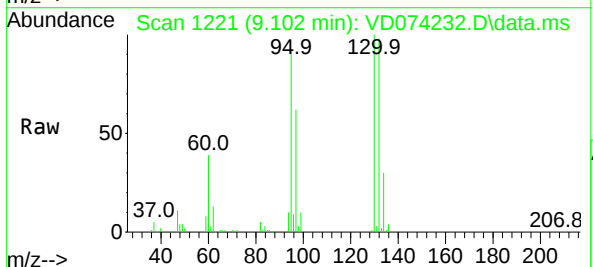
Instrument :
MSVOA_D
ClientSampleId :
BFB

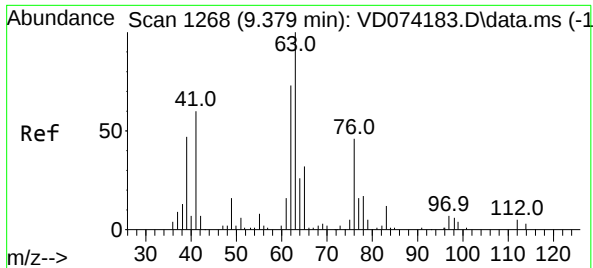
Tgt Ion: 43 Resp: 99199
Ion Ratio Lower Upper
43 100
61 31.6 22.4 33.6
87 13.6 8.7 13.1#



#44
Trichloroethene
Concen: 51.507 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:130 Resp: 100365
Ion Ratio Lower Upper
130 100
95 92.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.554 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

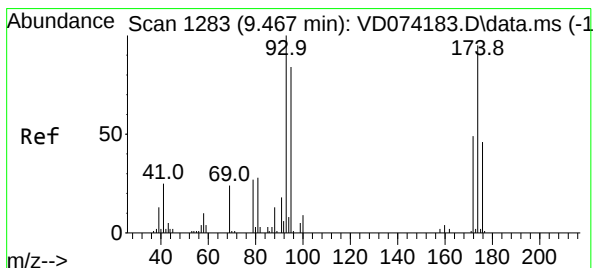
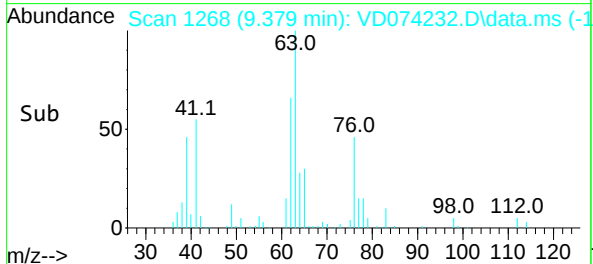
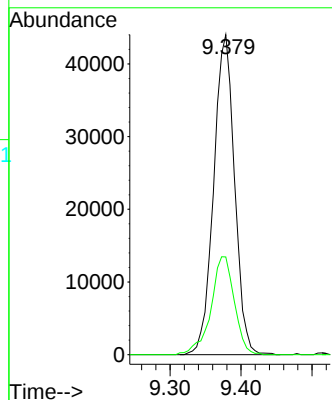
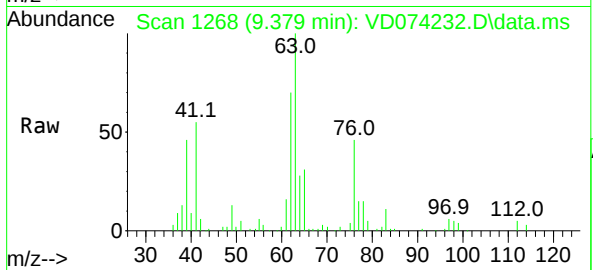
BFB

Tgt Ion: 63 Resp: 89850

Ion Ratio Lower Upper

63 100

65 30.6 26.2 39.4



#46

Dibromomethane

Concen: 54.094 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

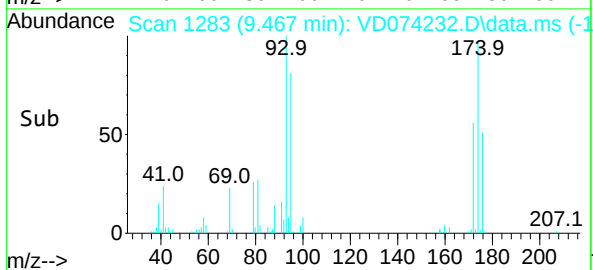
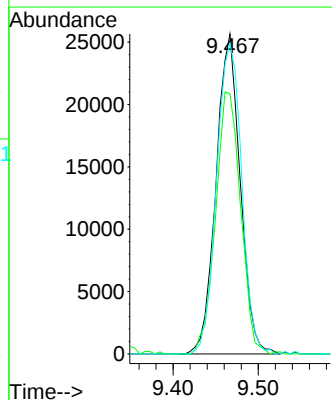
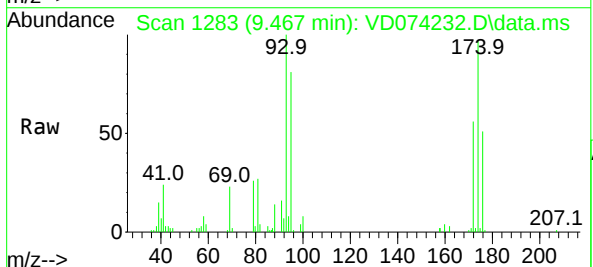
Tgt Ion: 93 Resp: 50632

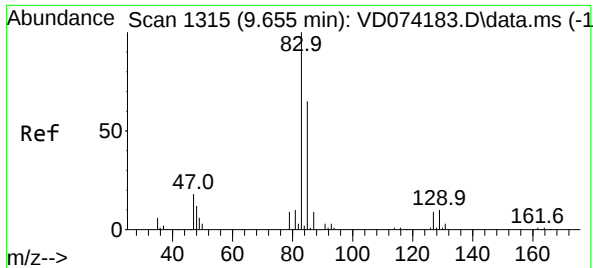
Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 100.6 71.6 107.4

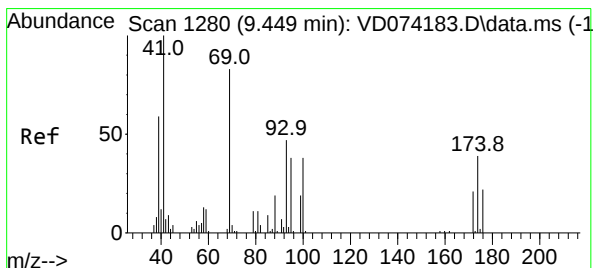
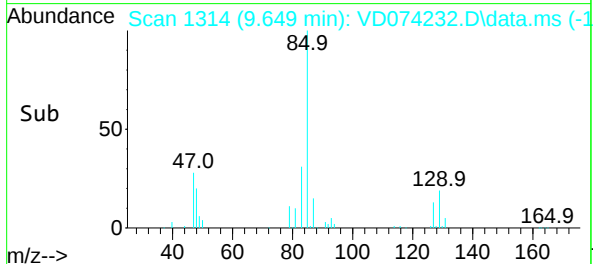
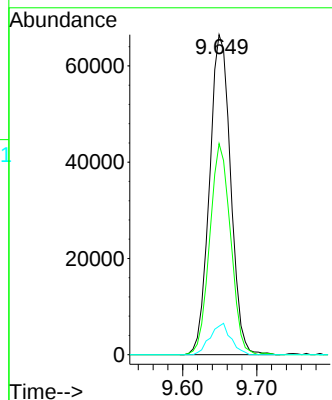
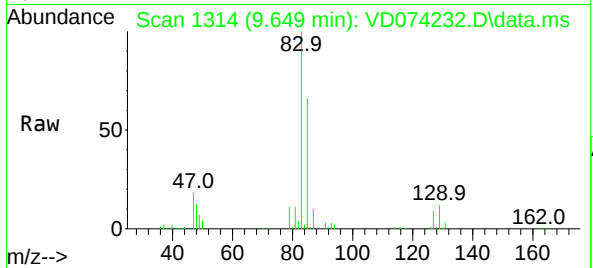




#47
Bromodichloromethane
Concen: 54.063 ug/l
RT: 9.649 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

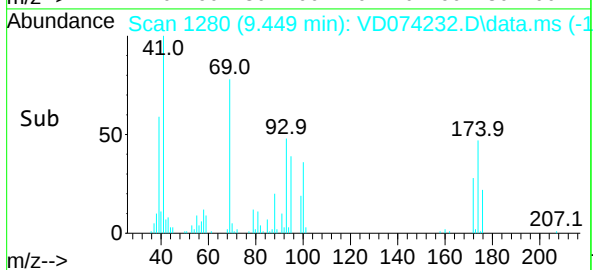
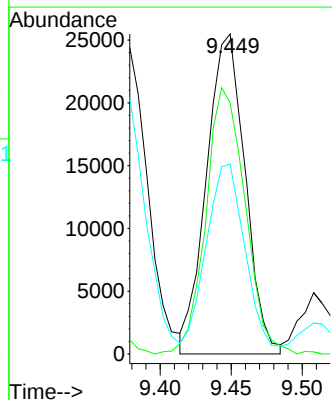
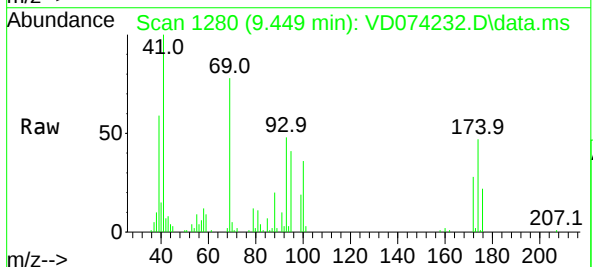
Instrument :
MSVOA_D
ClientSampleId :
BFB

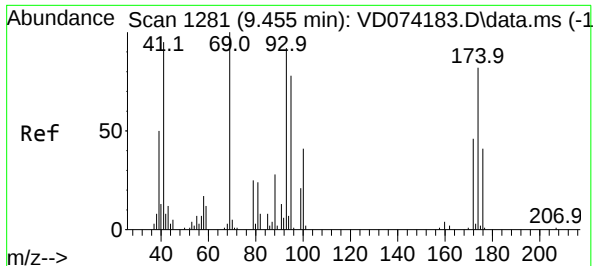
Tgt Ion: 83 Resp: 131617
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0
127 8.9 6.1 9.1



#48
Methyl methacrylate
Concen: 55.106 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 41 Resp: 48175
Ion Ratio Lower Upper
41 100
69 84.9 56.7 85.1
39 55.8 42.7 64.1

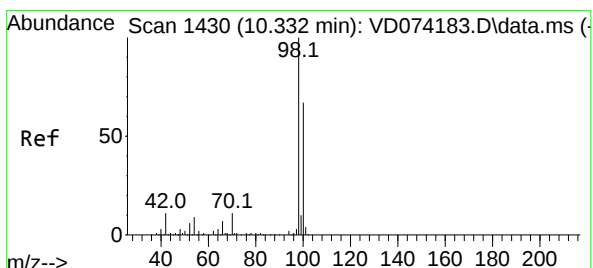
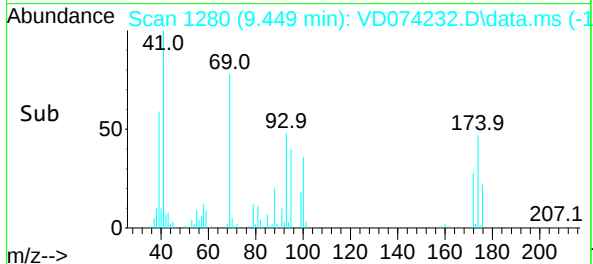
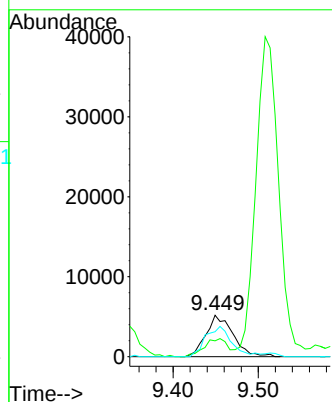
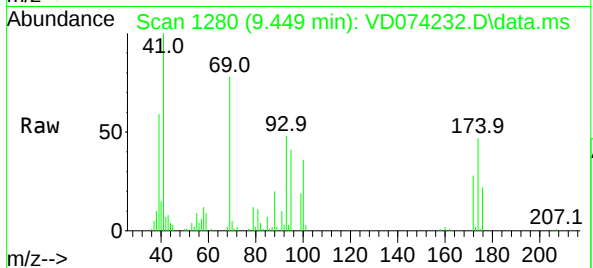




#49
1,4-Dioxane
Concen: 1076.555 ug/l
RT: 9.449 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

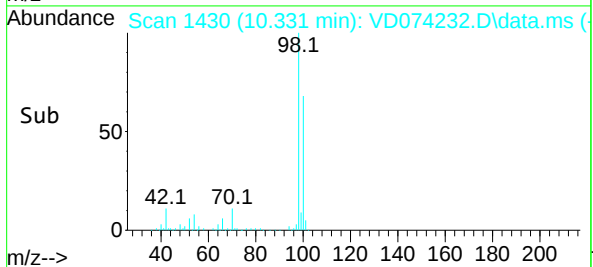
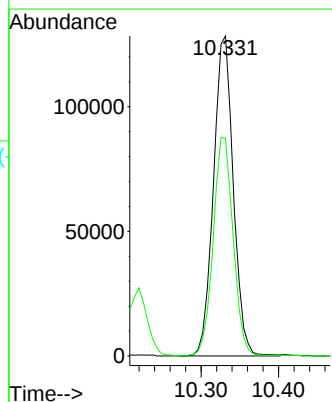
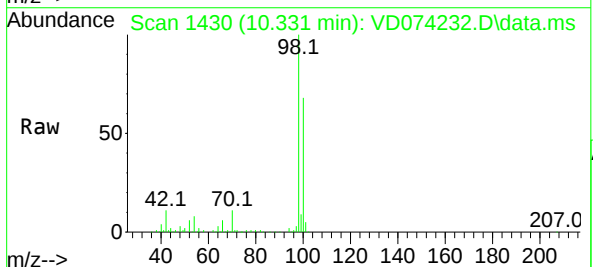
Instrument :
MSVOA_D
ClientSampleId :
BFB

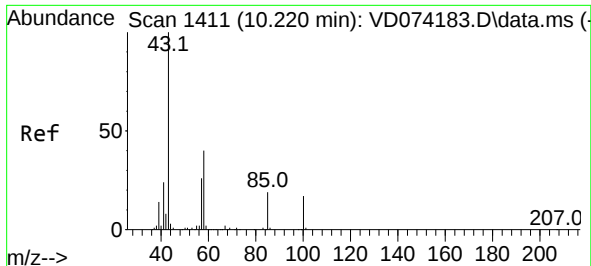
Tgt Ion: 88 Resp: 11434
Ion Ratio Lower Upper
88 100
43 36.4 31.0 46.4
58 71.0 58.1 87.1



#50
Toluene-d8
Concen: 44.992 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 98 Resp: 228438
Ion Ratio Lower Upper
98 100
100 68.8 52.4 78.6

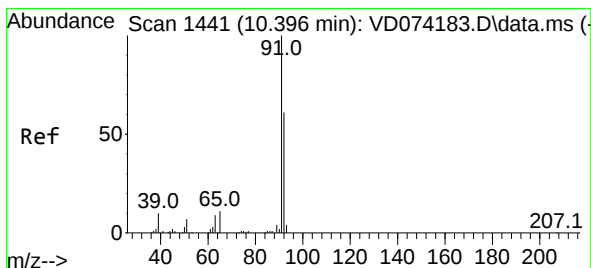
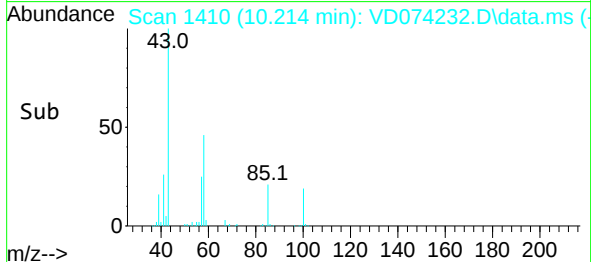
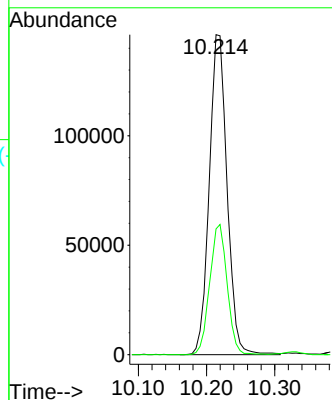
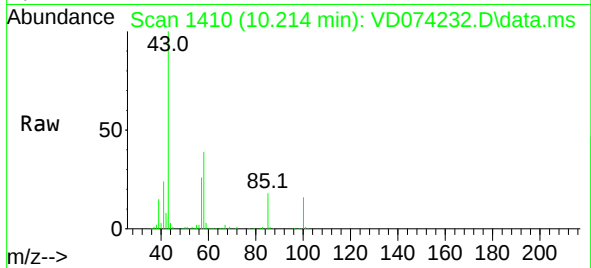




#51
4-Methyl-2-Pentanone
Concen: 281.371 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

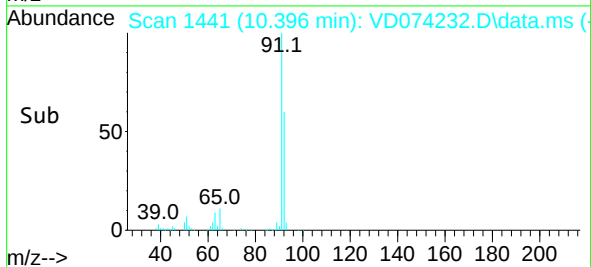
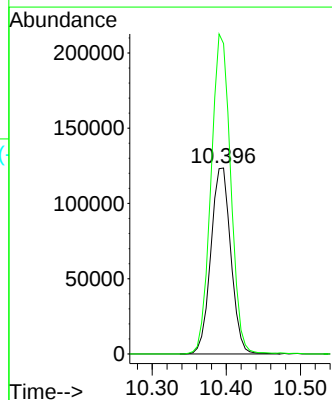
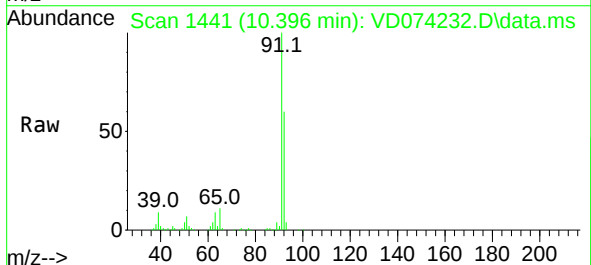
Instrument :
MSVOA_D
ClientSampleId :
BFB

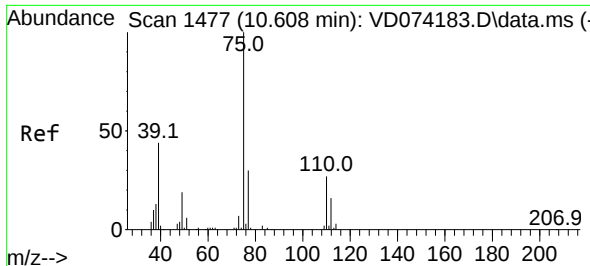
Tgt Ion: 43 Resp: 265826
Ion Ratio Lower Upper
43 100
58 39.9 28.6 43.0



#52
Toluene
Concen: 52.370 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 92 Resp: 231377
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4

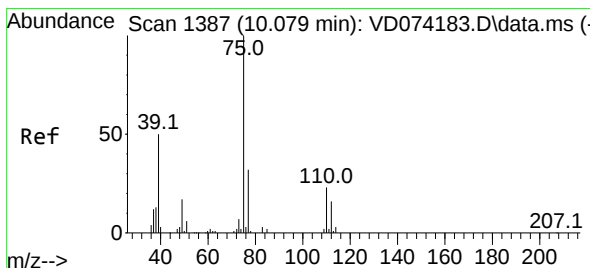
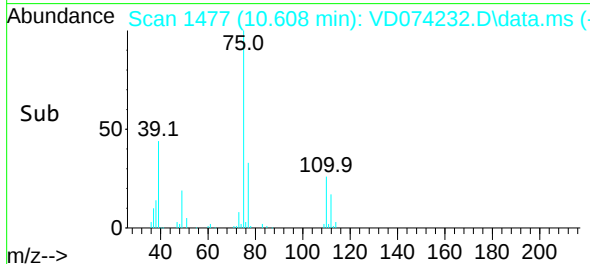
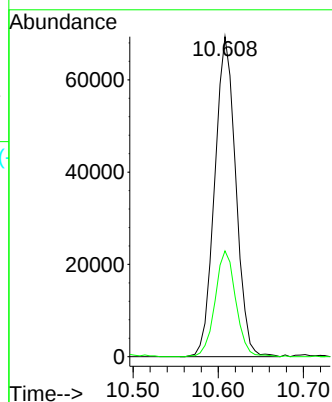
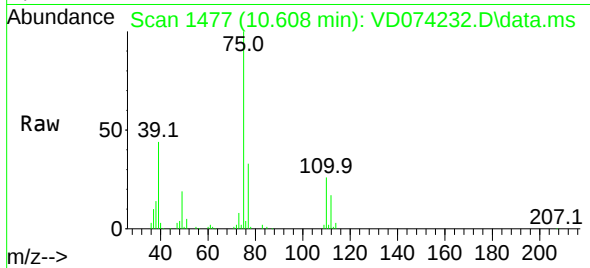




#53
t-1,3-Dichloropropene
Concen: 54.130 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

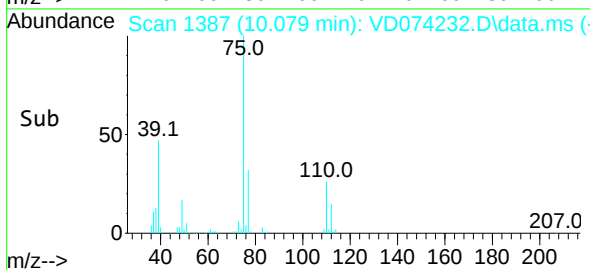
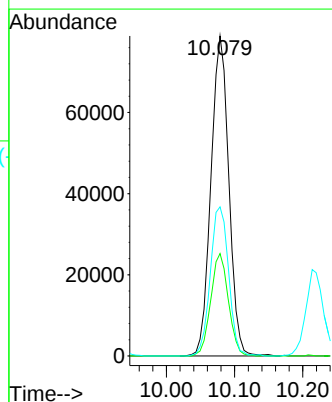
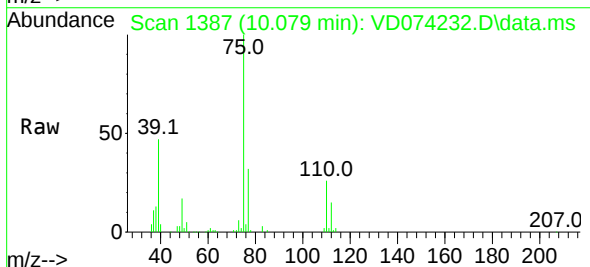
Instrument :
MSVOA_D
ClientSampleId :
BFB

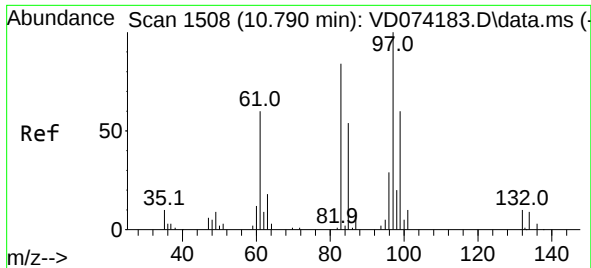
Tgt Ion: 75 Resp: 119506
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 55.008 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 75 Resp: 143993
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 46.6 46.8 70.2#

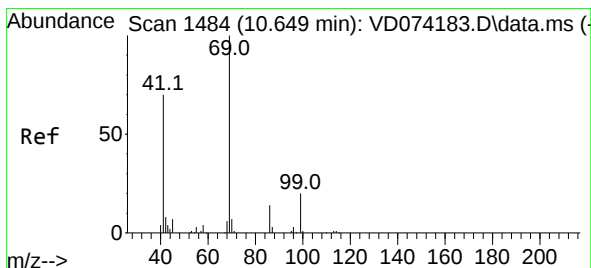
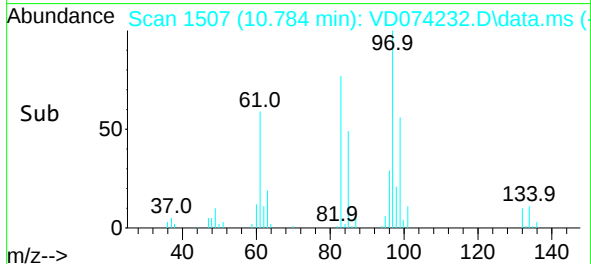
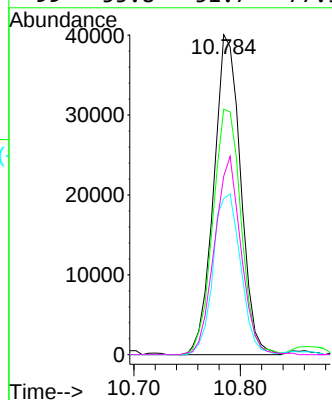
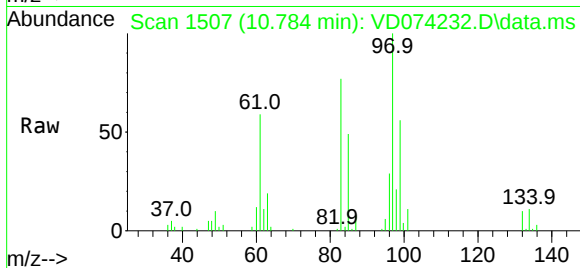




#55
 1,1,2-Trichloroethane
 Concen: 54.645 ug/l
 RT: 10.784 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

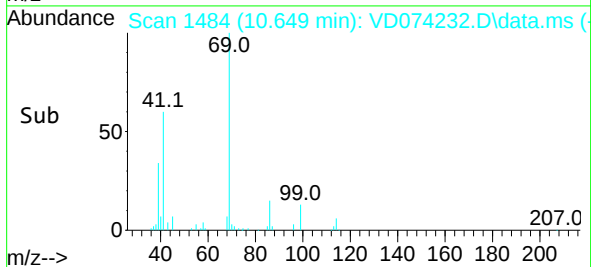
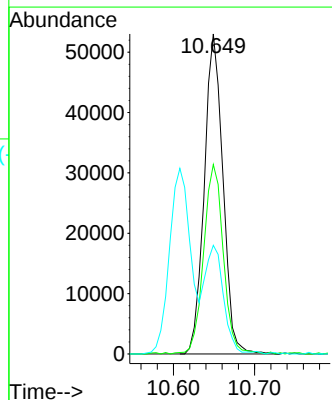
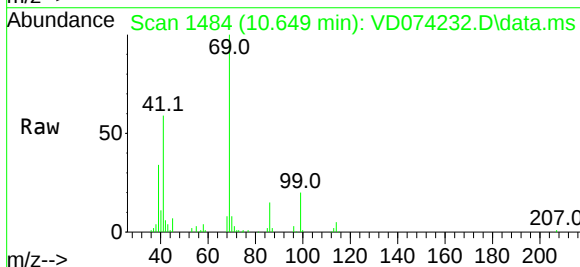
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

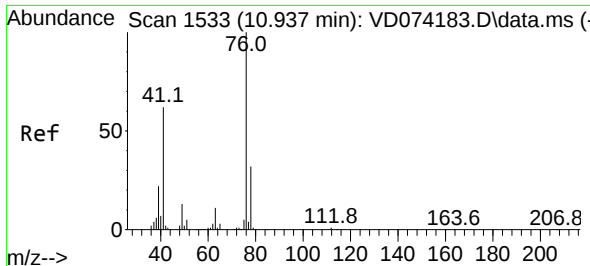
Tgt Ion: 97	Resp: 69953
Ion Ratio	Lower Upper
97 100	
83 76.7	69.0 103.4
85 48.8	42.6 63.8
99 55.8	51.7 77.5



#56
 Ethyl methacrylate
 Concen: 57.855 ug/l
 RT: 10.649 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

Tgt Ion: 69	Resp: 84607
Ion Ratio	Lower Upper
69 100	
41 62.4	63.0 94.6#
39 33.0	33.8 50.8#





#57

1,3-Dichloropropane

Concen: 52.941 ug/l

RT: 10.931 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

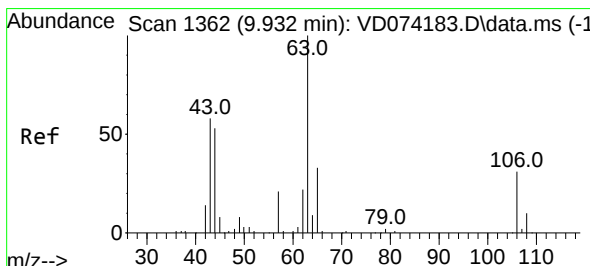
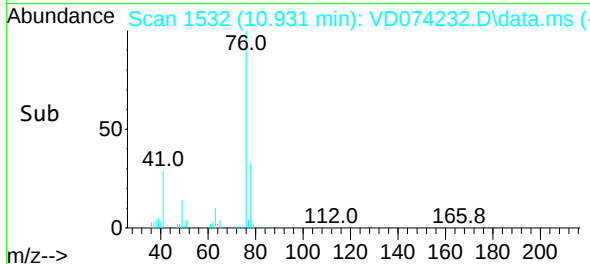
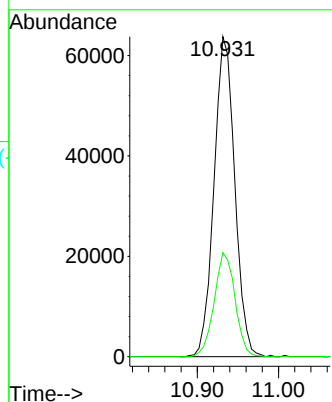
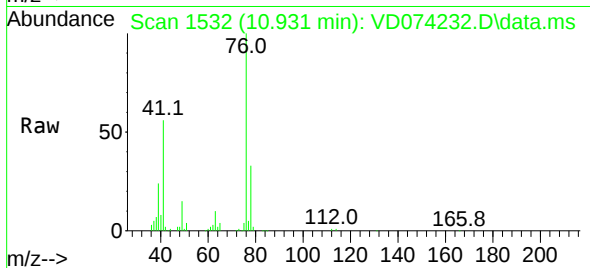
BFB

Tgt Ion: 76 Resp: 113252

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 216.164 ug/l

RT: 9.931 min Scan# 1362

Delta R.T. -0.001 min

Lab File: VD074232.D

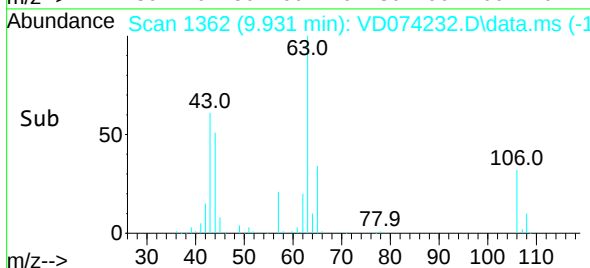
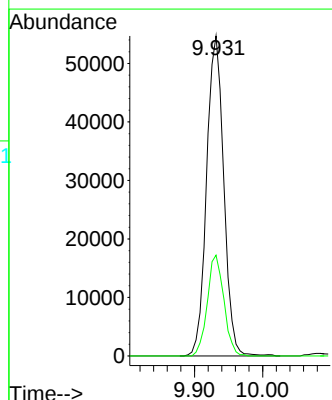
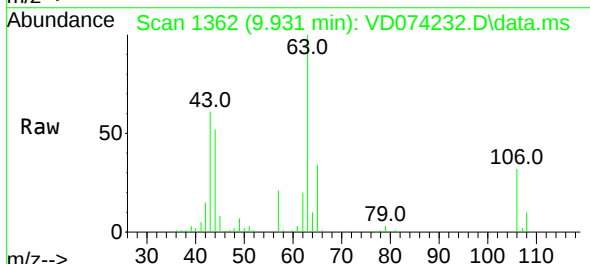
Acq: 26 Aug 2022 11:55

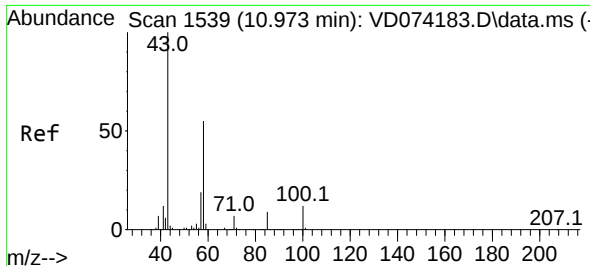
Tgt Ion: 63 Resp: 95689

Ion Ratio Lower Upper

63 100

106 30.4 21.4 32.0

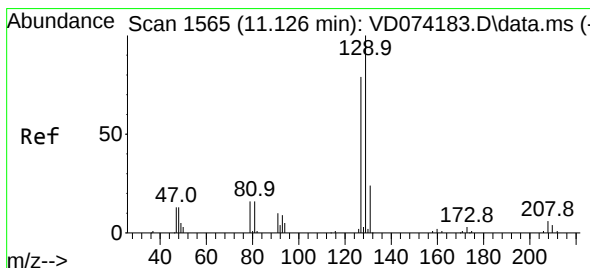
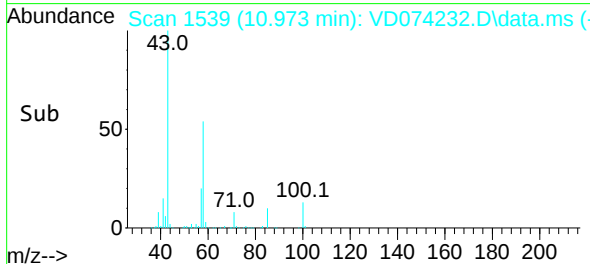
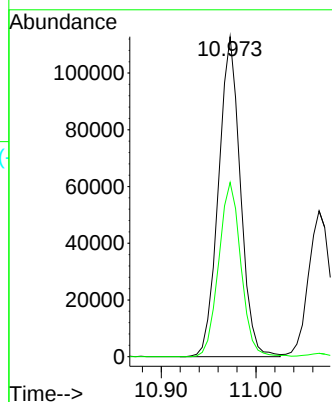
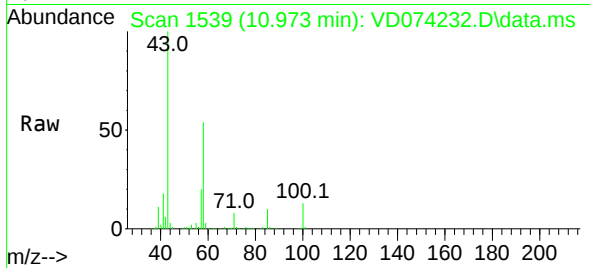




#59
2-Hexanone
Concen: 284.612 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

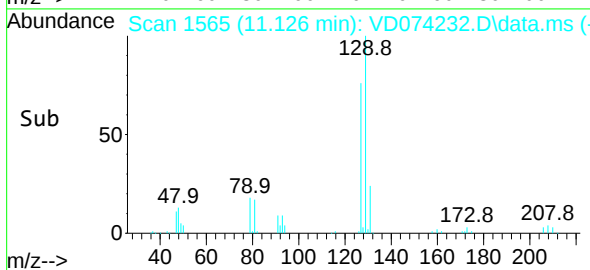
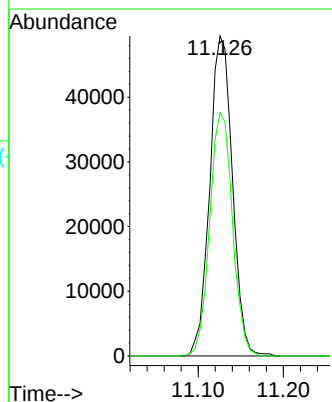
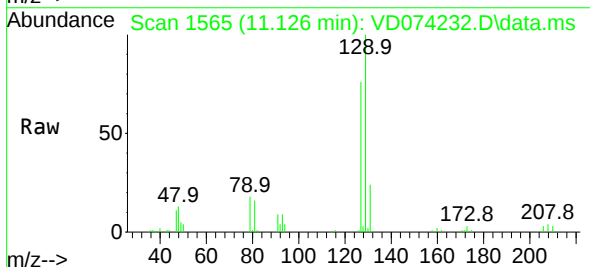
Instrument :
MSVOA_D
ClientSampleId :
BFB

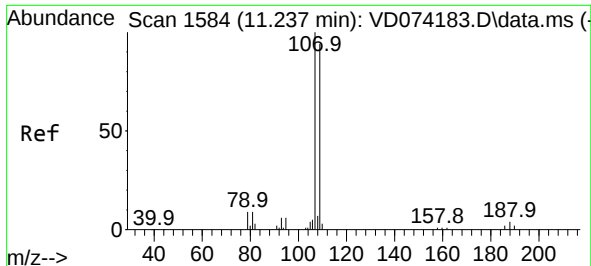
Tgt Ion: 43 Resp: 181295
Ion Ratio Lower Upper
43 100
58 55.3 25.3 75.9



#60
Dibromochloromethane
Concen: 55.179 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 129 Resp: 91735
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6

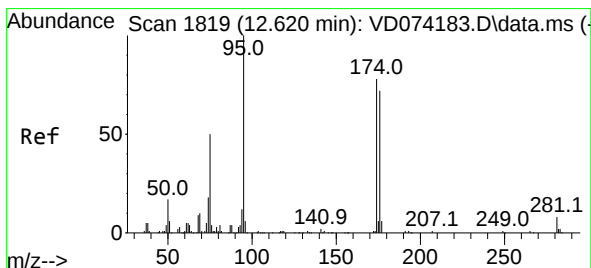
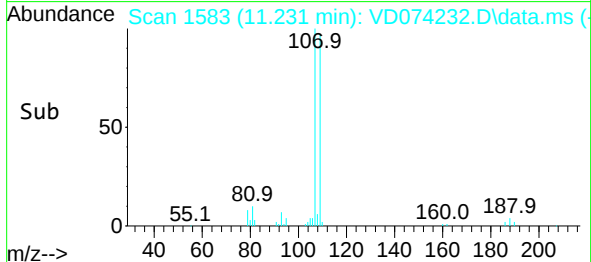
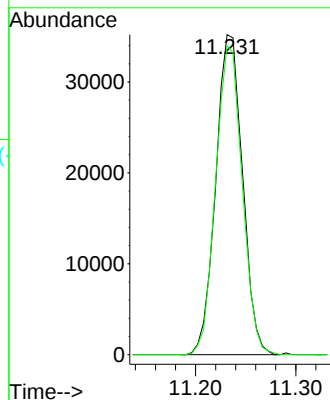
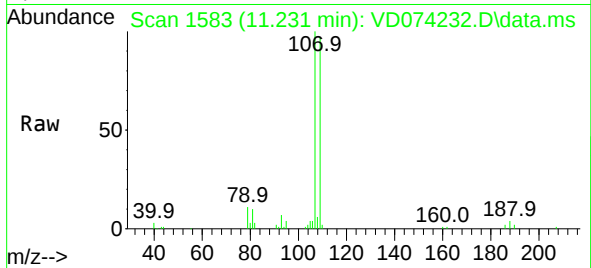




#61
1,2-Dibromoethane
Concen: 52.152 ug/l
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

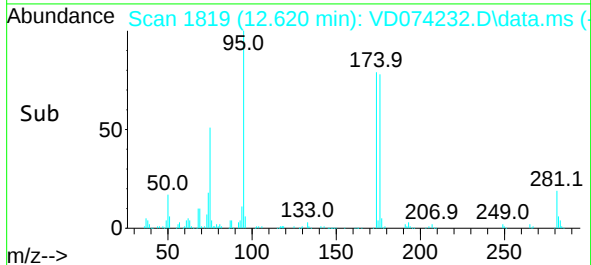
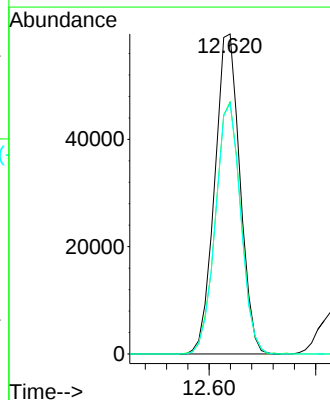
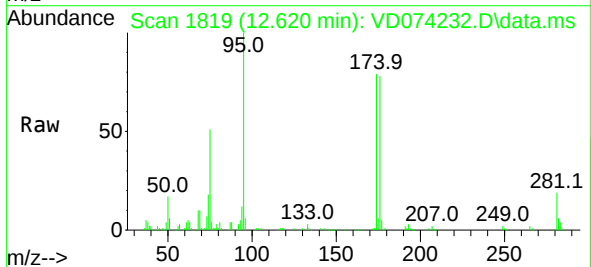
Instrument :
MSVOA_D
ClientSampleId :
BFB

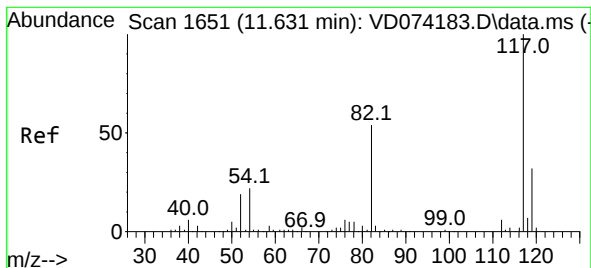
Tgt Ion:107 Resp: 65122
Ion Ratio Lower Upper
107 100
109 95.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.830 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 95 Resp: 97943
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.8
176 78.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.631 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

BFB

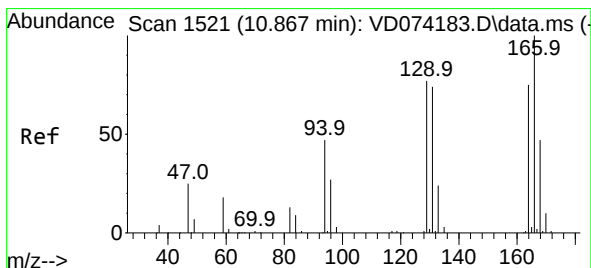
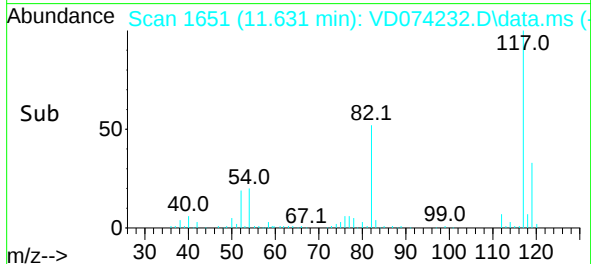
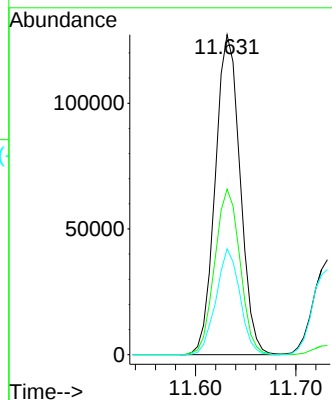
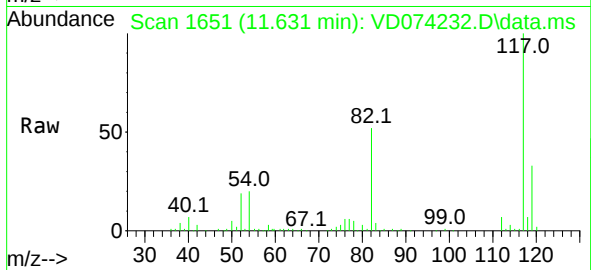
Tgt Ion:117 Resp: 218890

Ion Ratio Lower Upper

117 100

82 51.7 45.3 67.9

119 33.1 26.6 40.0



#64

Tetrachloroethene

Concen: 52.202 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Tgt Ion:164 Resp: 83384

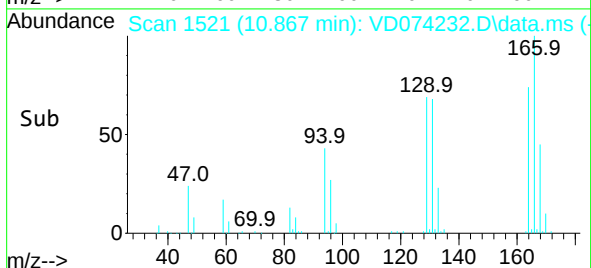
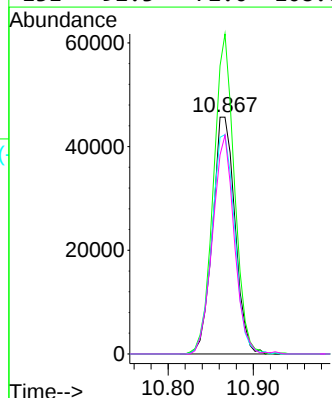
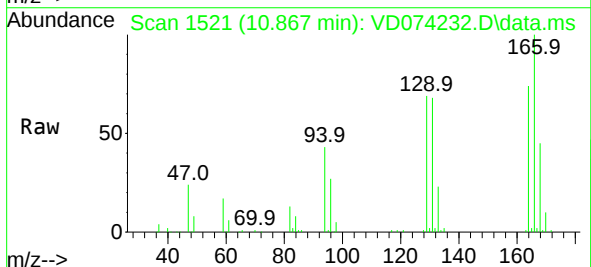
Ion Ratio Lower Upper

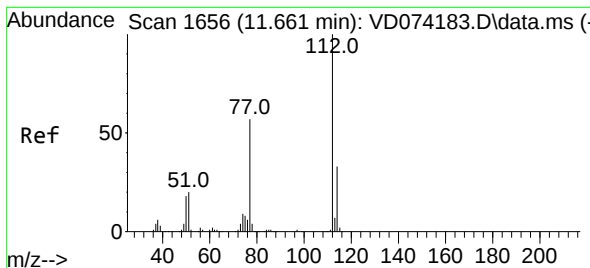
164 100

166 135.1 98.5 147.7

129 92.6 74.6 111.8

131 92.3 72.0 108.0





#65

Chlorobenzene

Concen: 52.895 ug/l

RT: 11.655 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

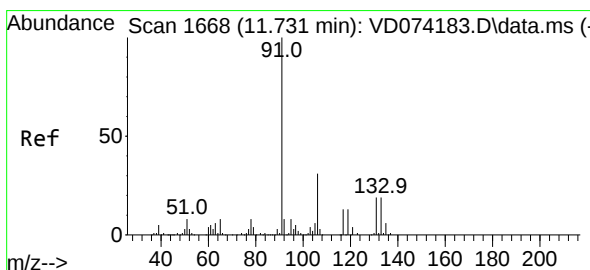
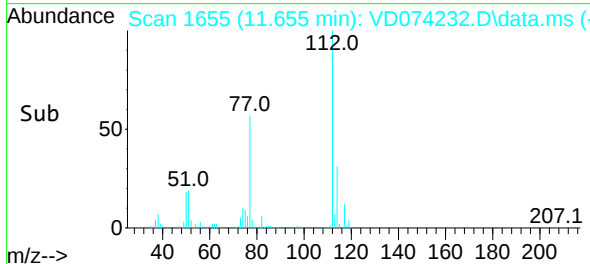
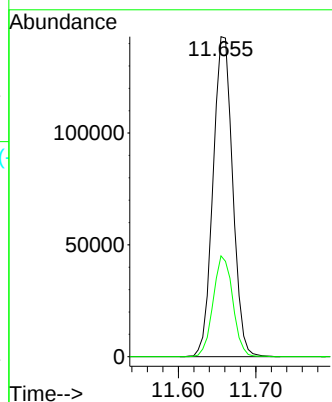
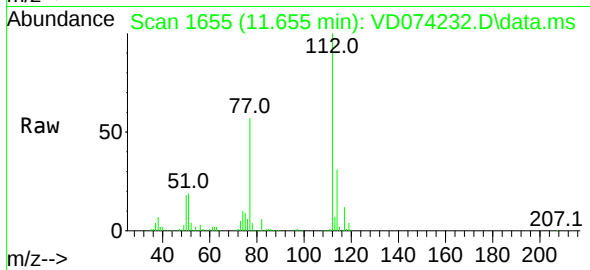
BFB

Tgt Ion:112 Resp: 252335

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.060 ug/l

RT: 11.731 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

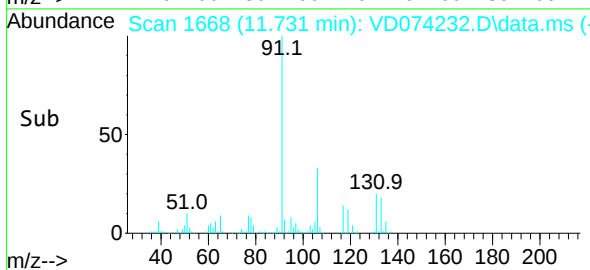
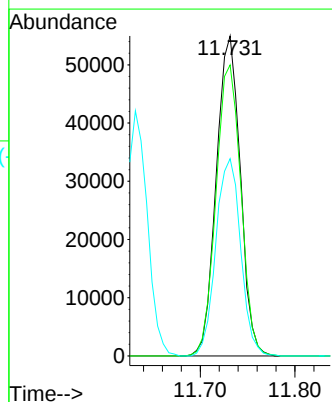
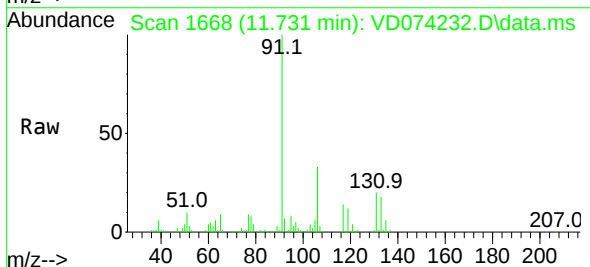
Tgt Ion:131 Resp: 96957

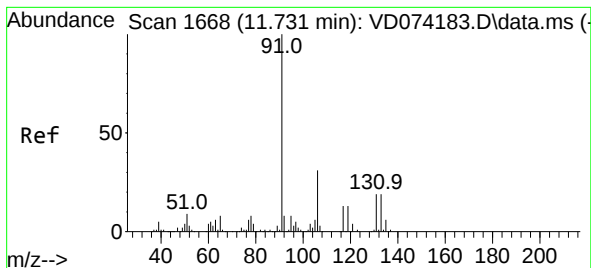
Ion Ratio Lower Upper

131 100

133 94.3 48.1 144.3

119 63.7 31.9 95.9





#67

Ethyl Benzene

Concen: 54.547 ug/l

RT: 11.731 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

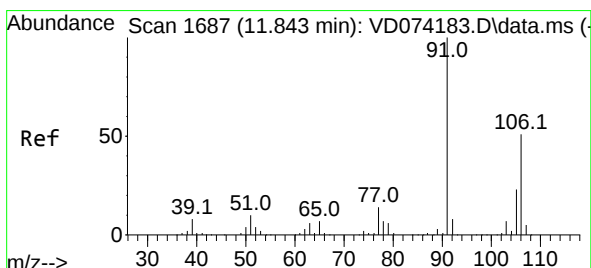
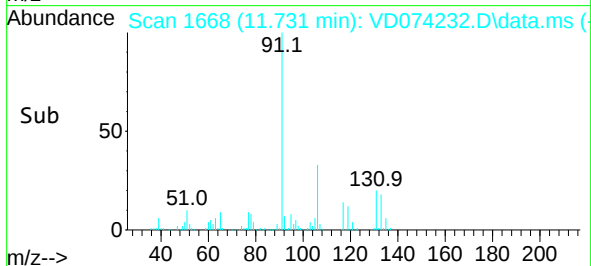
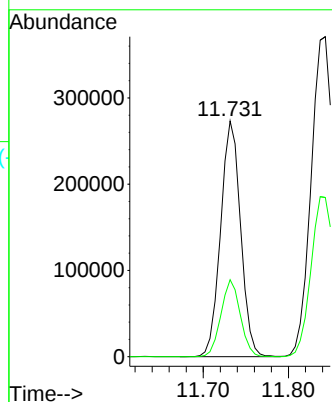
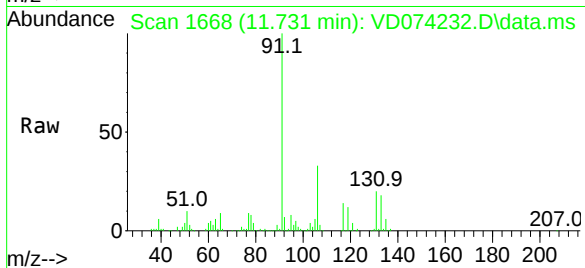
BFB

Tgt Ion: 91 Resp: 445343

Ion Ratio Lower Upper

91 100

106 32.6 24.2 36.4



#68

m/p-Xylenes

Concen: 109.420 ug/l

RT: 11.837 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD074232.D

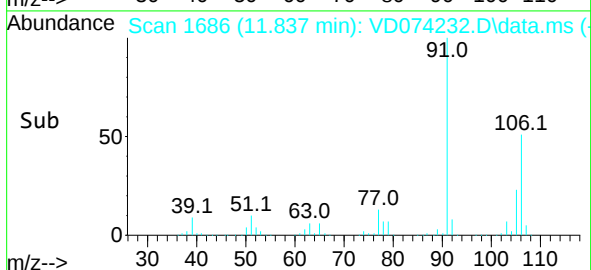
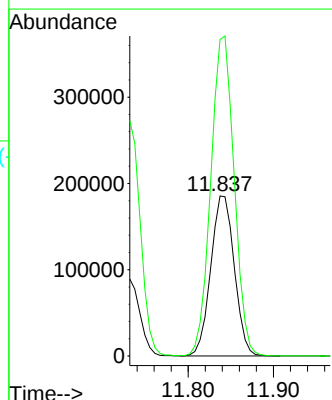
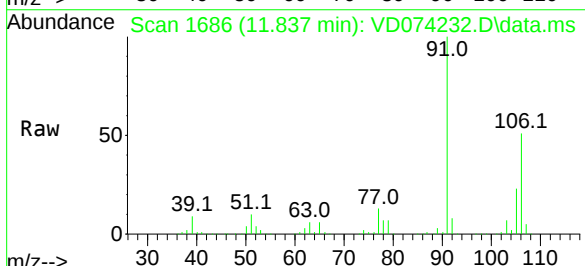
Acq: 26 Aug 2022 11:55

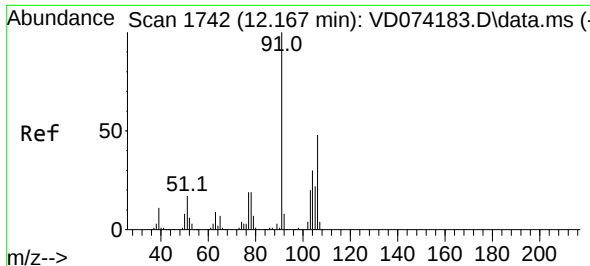
Tgt Ion:106 Resp: 355822

Ion Ratio Lower Upper

106 100

91 198.4 163.7 245.5

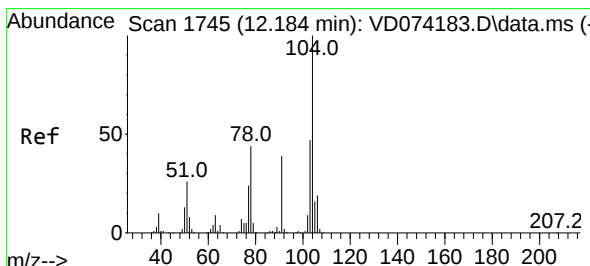
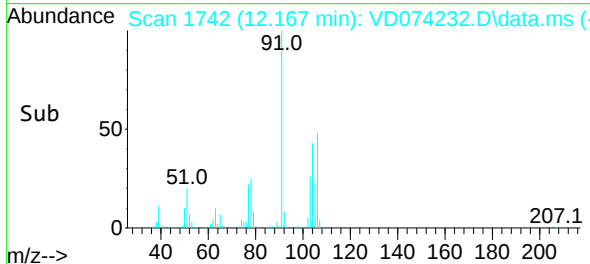
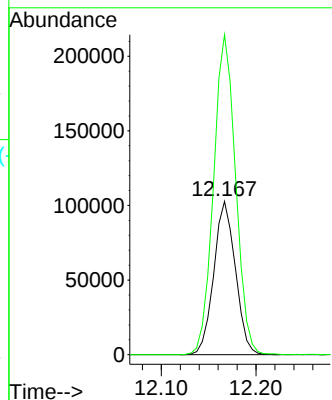
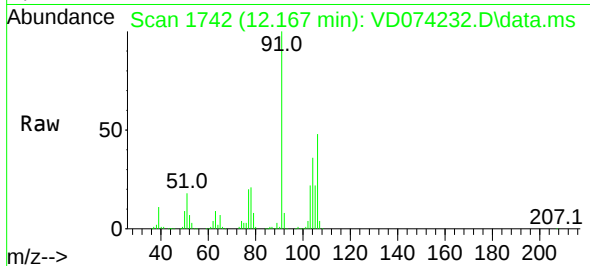




#69
o-Xylene
Concen: 54.296 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

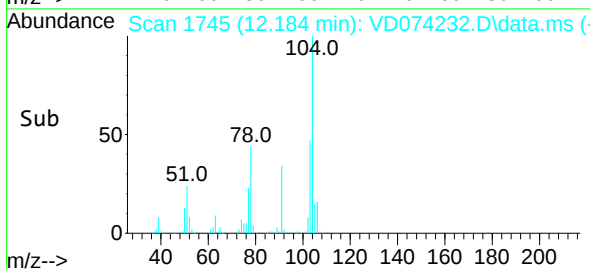
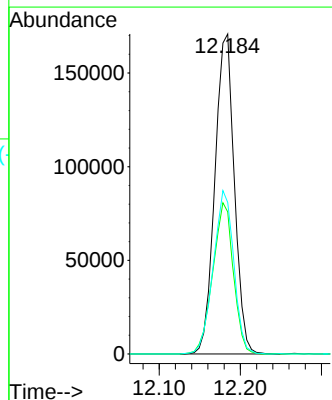
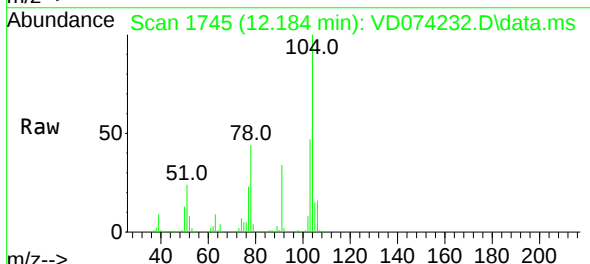
Instrument :
MSVOA_D
ClientSampleId :
BFB

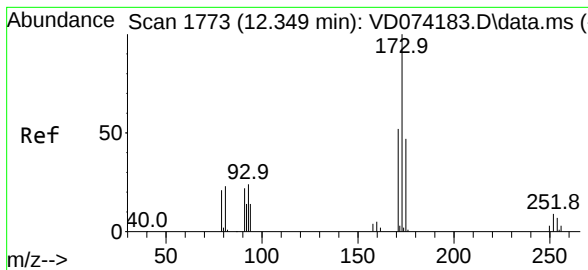
Tgt Ion:106 Resp: 162916
Ion Ratio Lower Upper
106 100
91 213.1 110.4 331.2



#70
Styrene
Concen: 55.352 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:104 Resp: 284751
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 53.9 44.2 66.4

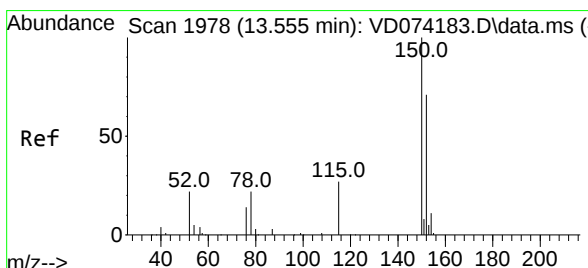
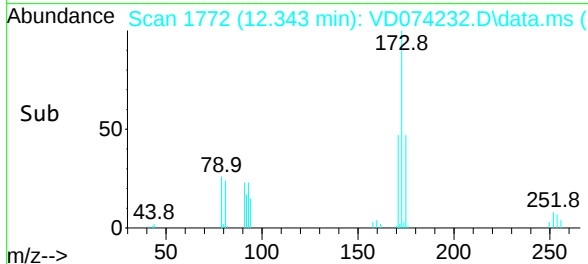
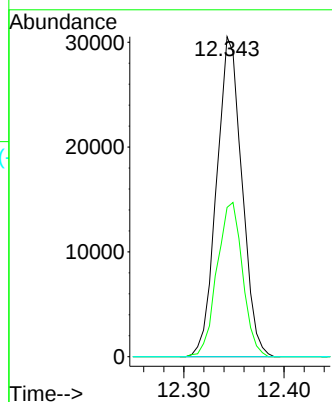
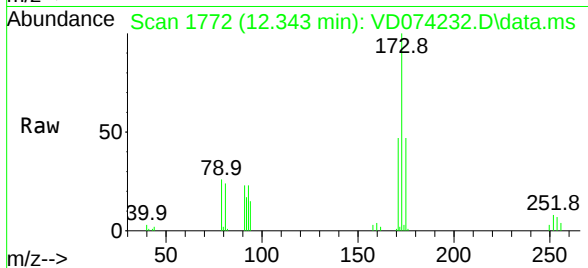




#71
Bromoform
Concen: 54.820 ug/l
RT: 12.343 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

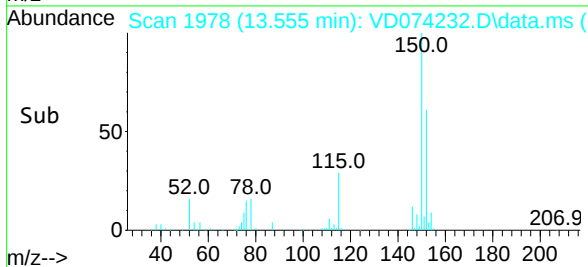
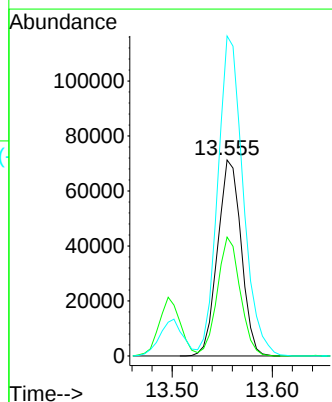
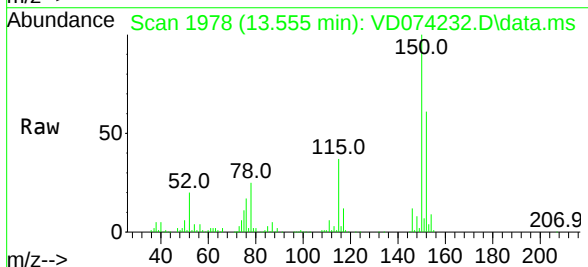
Instrument :
MSVOA_D
ClientSampleId :
BFB

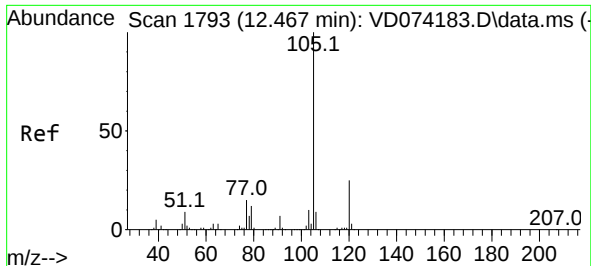
Tgt Ion:173 Resp: 53472
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:152 Resp: 116269
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 175.4 0.0 348.6

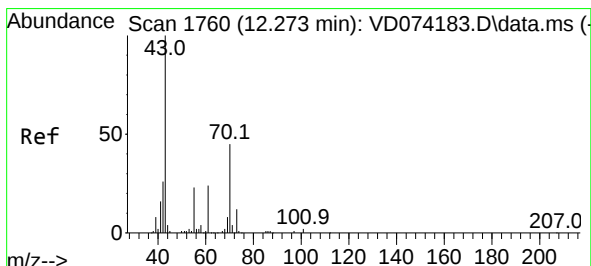
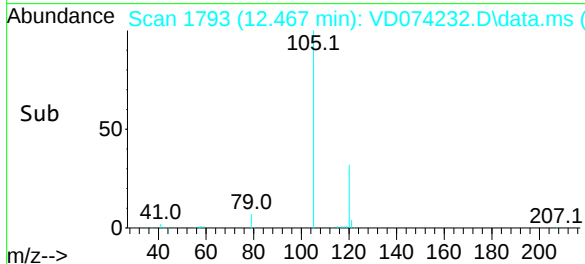
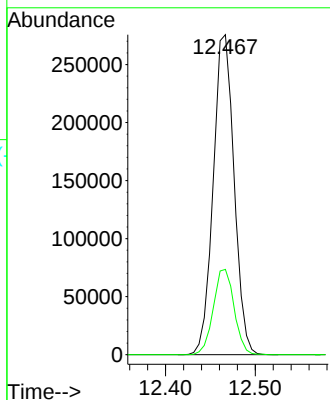
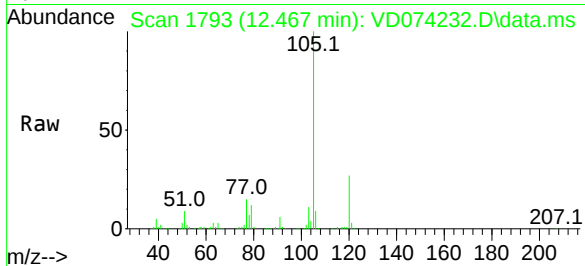




#73
Isopropylbenzene
Concen: 52.934 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

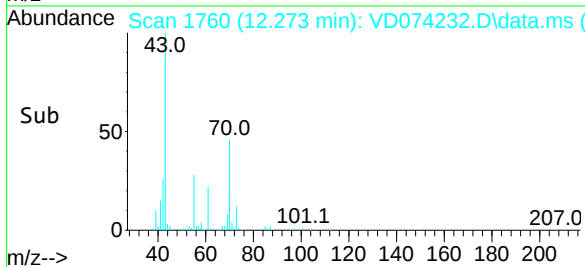
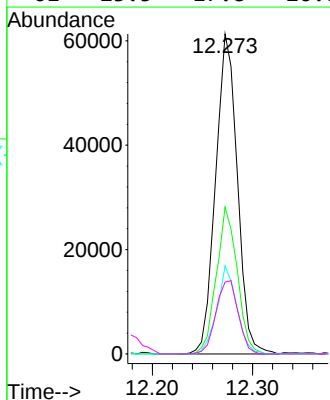
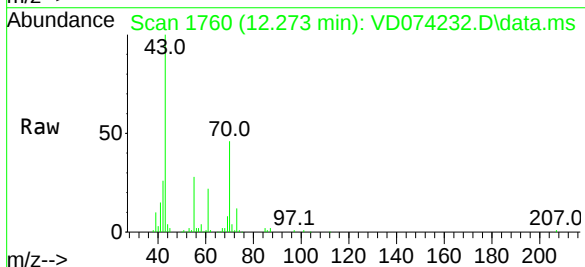
Instrument :
MSVOA_D
ClientSampleId :
BFB

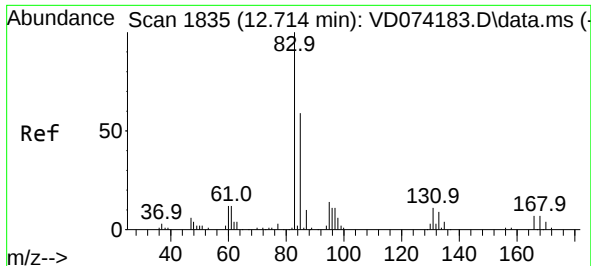
Tgt Ion:105 Resp: 445633
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 50.390 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 43 Resp: 92280
Ion Ratio Lower Upper
43 100
70 44.0 31.3 46.9
55 25.1 20.0 30.0
61 23.5 17.8 26.8

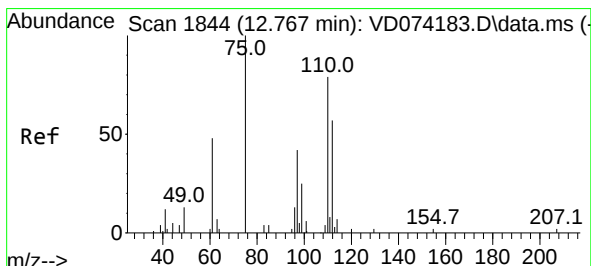
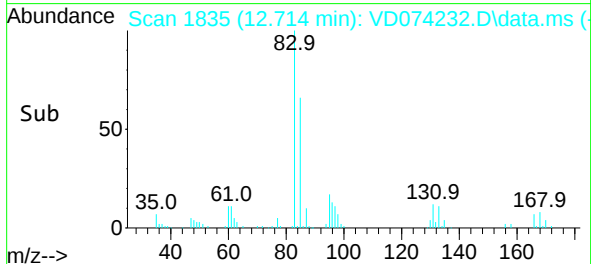
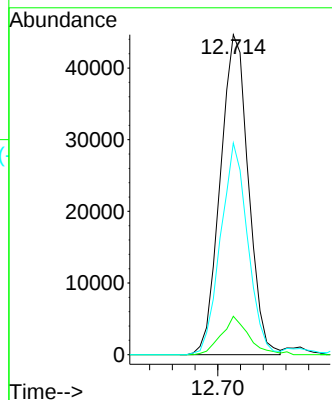
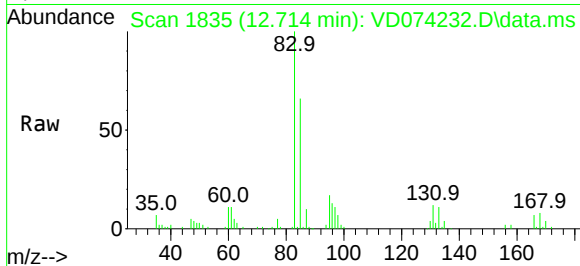




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.036 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

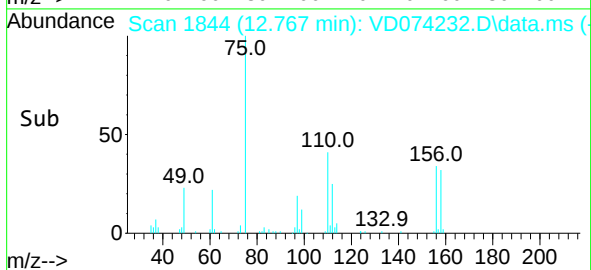
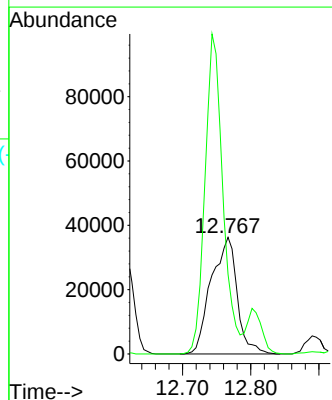
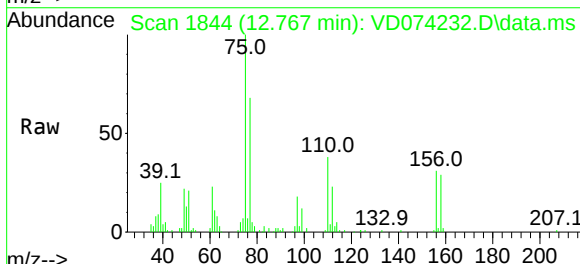
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

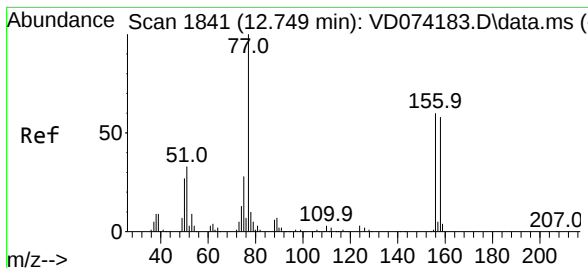
Tgt Ion: 83 Resp: 76737
 Ion Ratio Lower Upper
 83 100
 131 11.7 5.0 14.9
 85 63.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 84.688 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

Tgt Ion: 75 Resp: 96145
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.752 ug/l

RT: 12.743 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

BFB

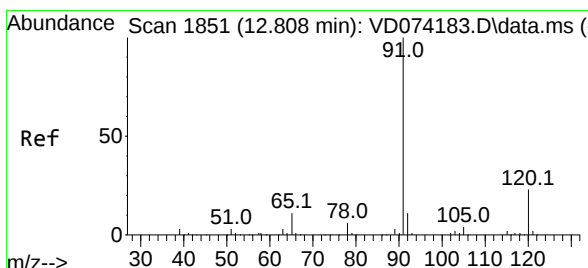
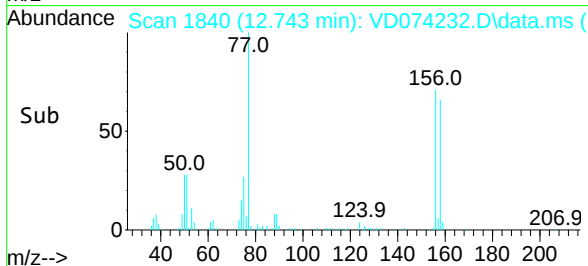
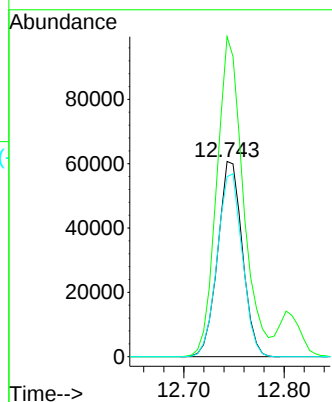
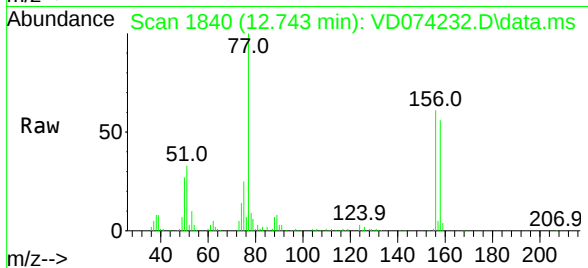
Tgt Ion:156 Resp: 103222

Ion Ratio Lower Upper

156 100

77 176.1 102.8 308.3

158 95.6 48.7 146.1



#78

n-propylbenzene

Concen: 52.615 ug/l

RT: 12.802 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VD074232.D

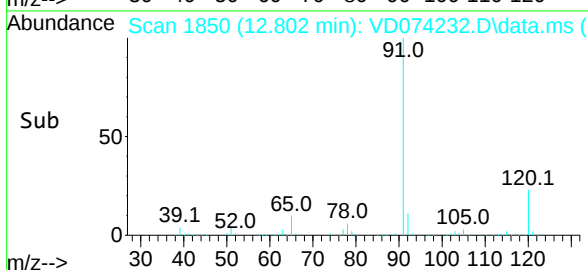
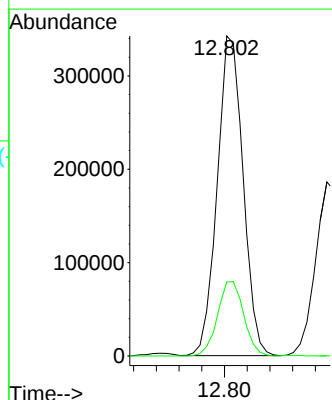
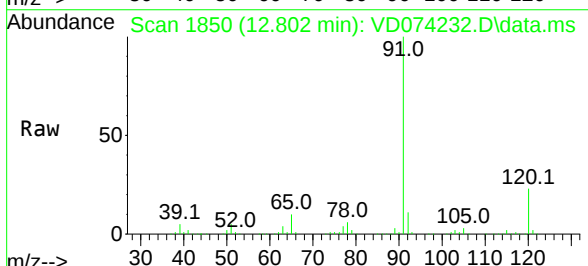
Acq: 26 Aug 2022 11:55

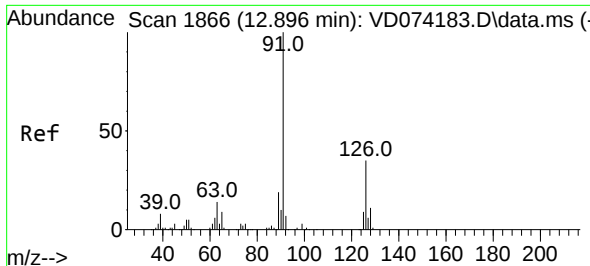
Tgt Ion: 91 Resp: 541733

Ion Ratio Lower Upper

91 100

120 23.6 10.9 32.9

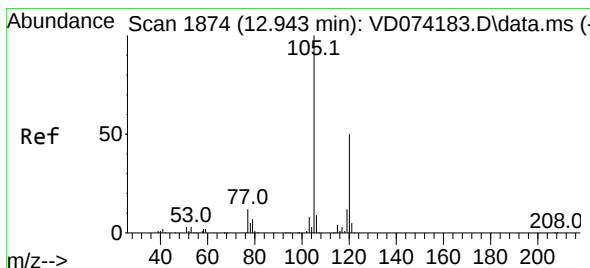
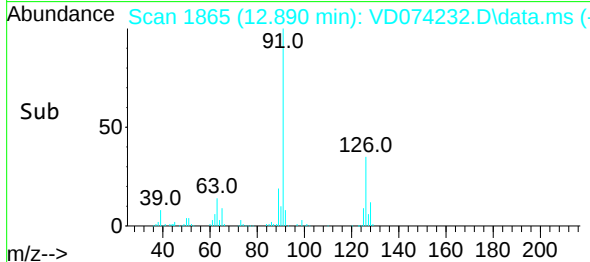
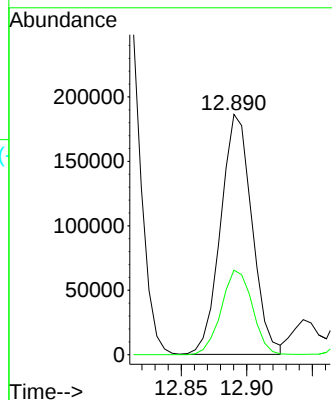
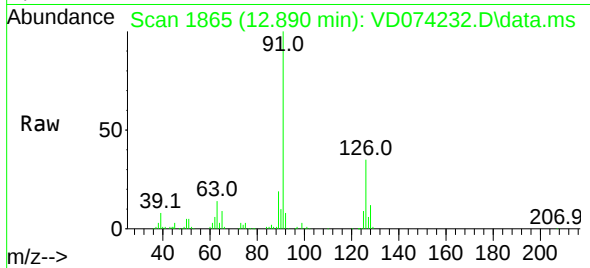




#79
2-Chlorotoluene
Concen: 52.093 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

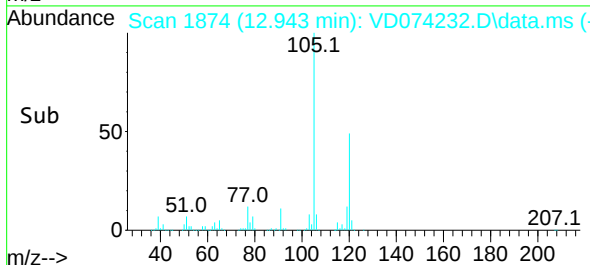
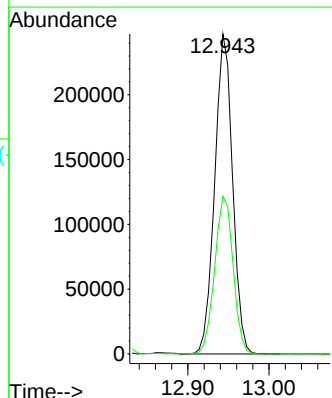
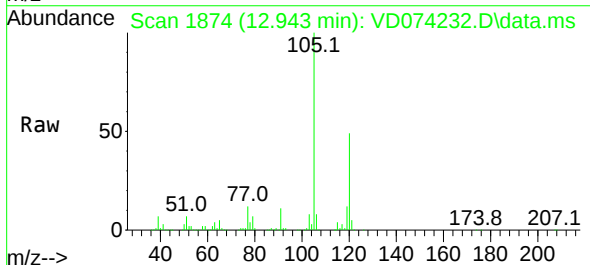
Instrument :
MSVOA_D
ClientSampleId :
BFB

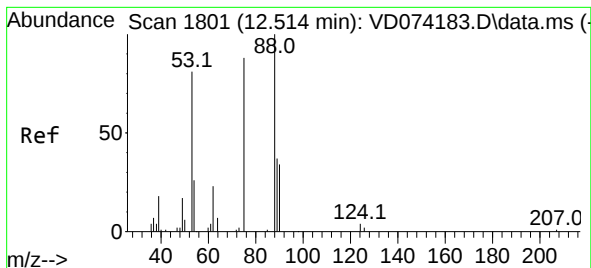
Tgt Ion: 91 Resp: 309709
Ion Ratio Lower Upper
91 100
126 34.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.253 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 105 Resp: 377925
Ion Ratio Lower Upper
105 100
120 50.9 24.3 72.8

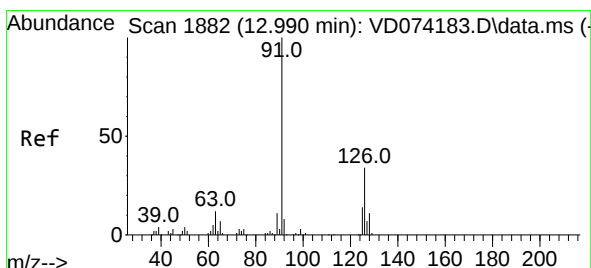
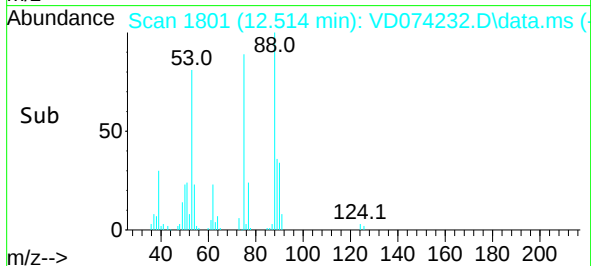
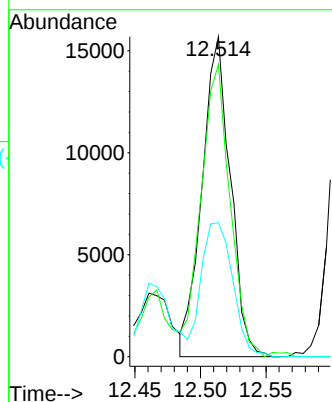
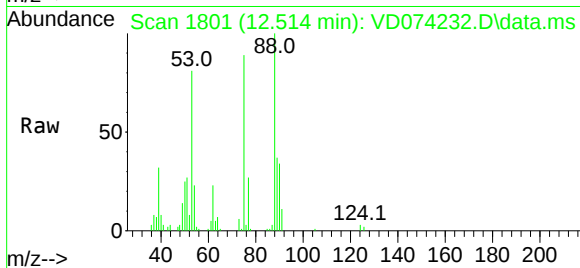




#81
trans-1,4-Dichloro-2-butene
Concen: 53.454 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

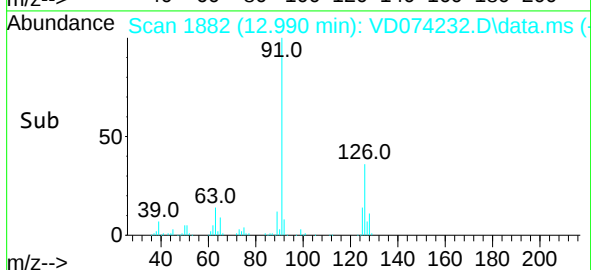
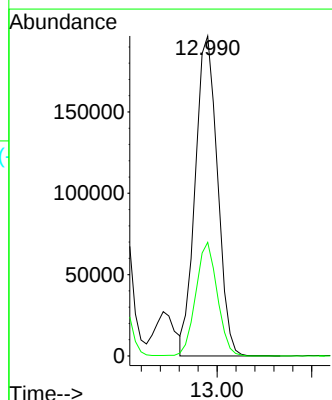
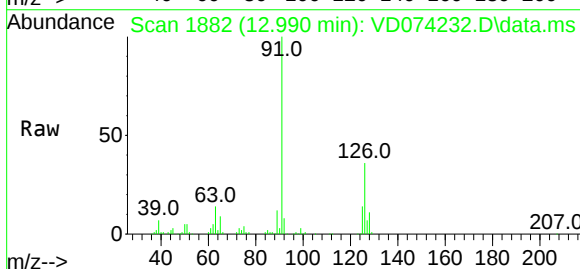
Instrument :
MSVOA_D
ClientSampleId :
BFB

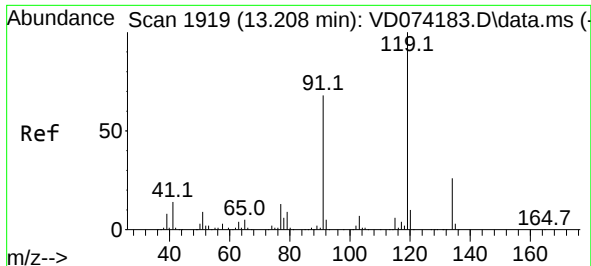
Tgt Ion: 75 Resp: 23598
Ion Ratio Lower Upper
75 100
53 93.3 86.5 129.7
89 46.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.816 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 91 Resp: 319603
Ion Ratio Lower Upper
91 100
126 34.5 16.5 49.5

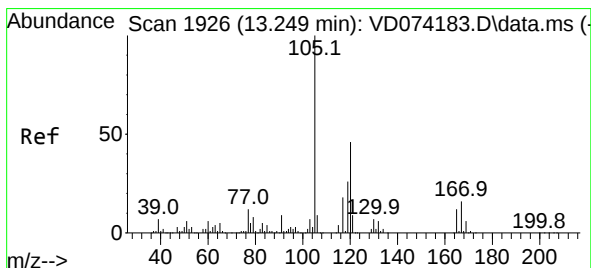
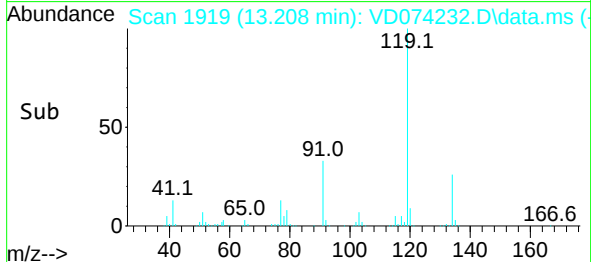
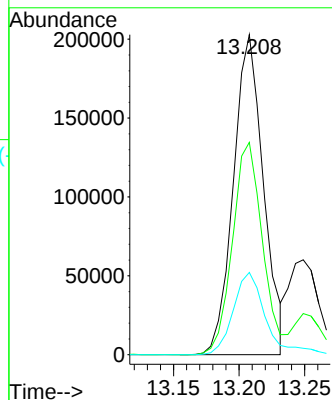
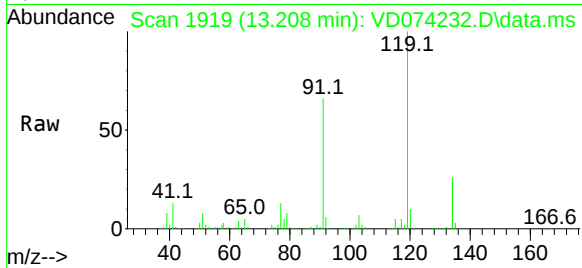




#83
tert-Butylbenzene
Concen: 53.113 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

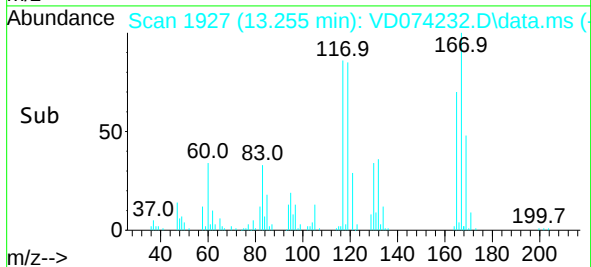
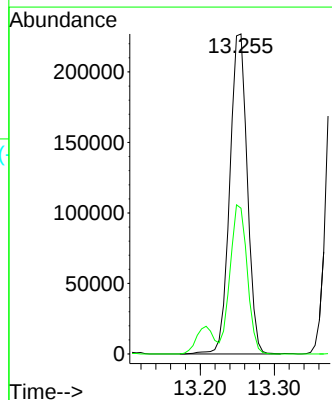
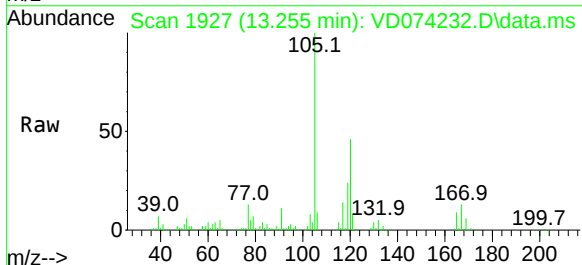
Instrument :
MSVOA_D
ClientSampleId :
BFB

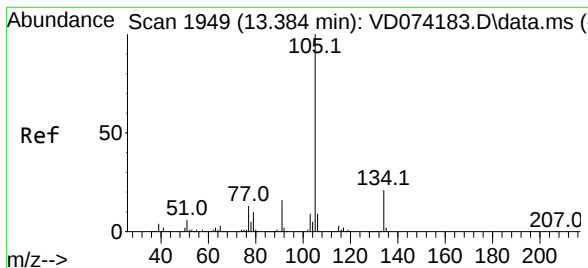
Tgt Ion:119 Resp: 323583
Ion Ratio Lower Upper
119 100
91 67.0 34.8 104.5
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.686 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:105 Resp: 370852
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.541 ug/l

RT: 13.384 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

Instrument :

MSVOA_D

ClientSampleId :

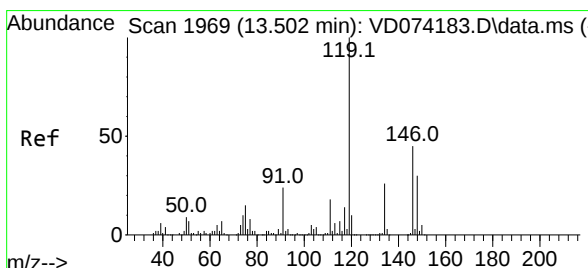
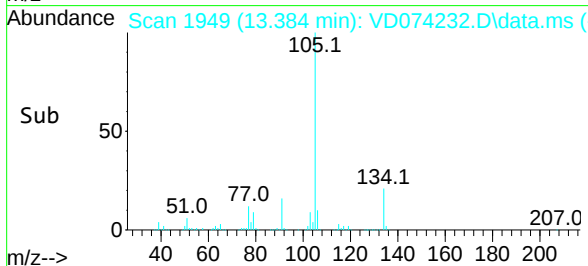
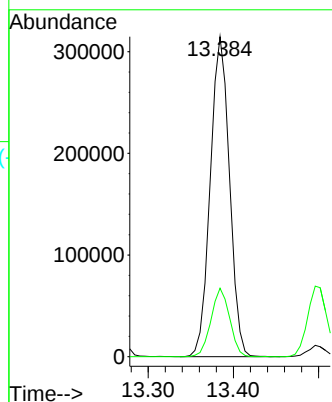
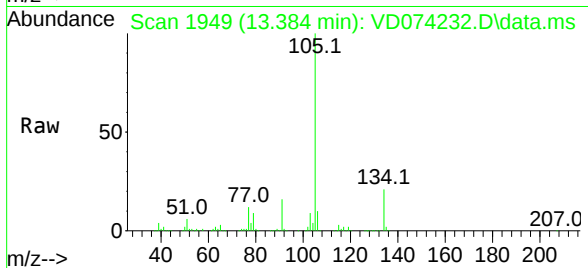
BFB

Tgt Ion:105 Resp: 493065

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 54.333 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074232.D

Acq: 26 Aug 2022 11:55

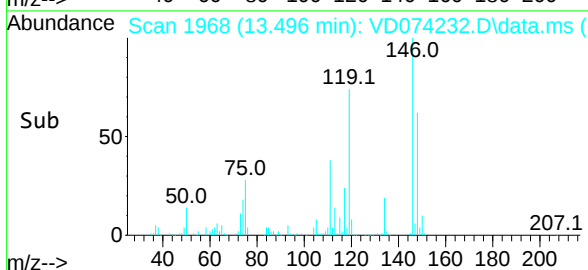
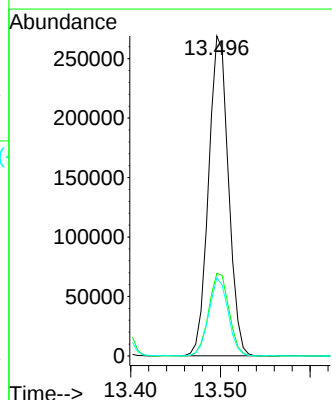
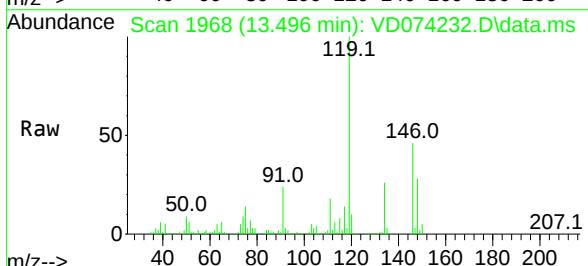
Tgt Ion:119 Resp: 412853

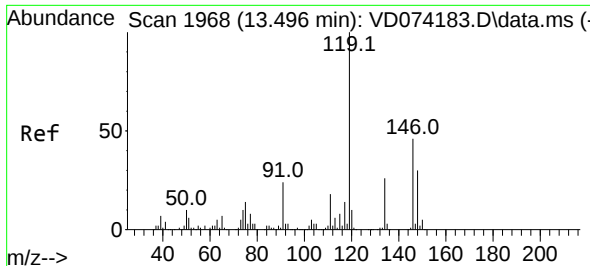
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 23.8 12.1 36.3

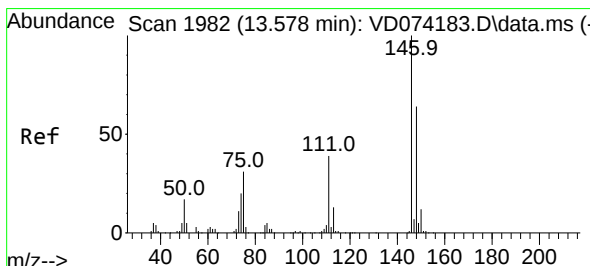
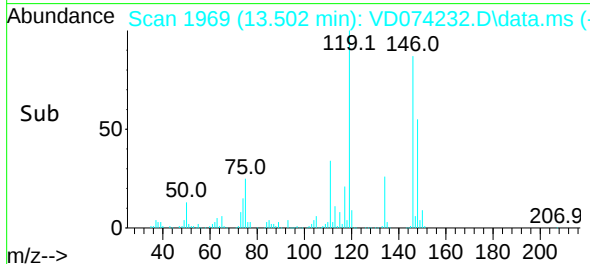
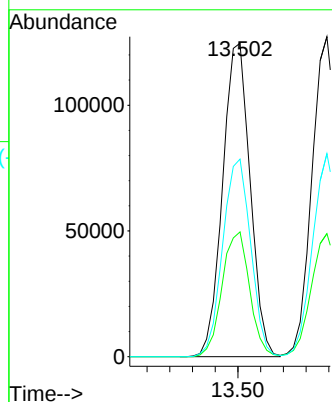
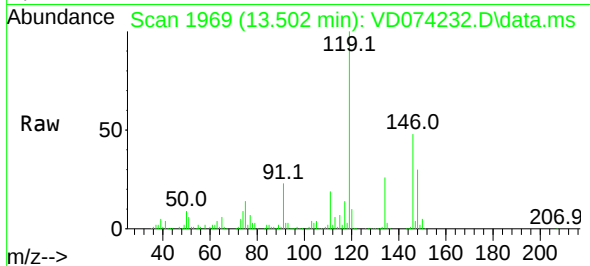




#87
1,3-Dichlorobenzene
Concen: 51.992 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

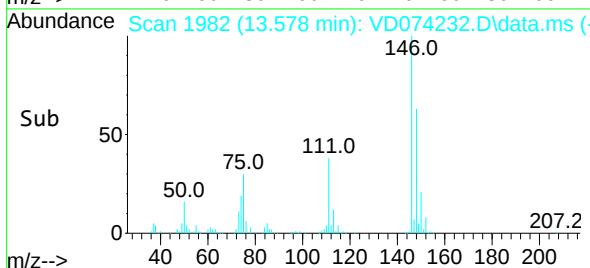
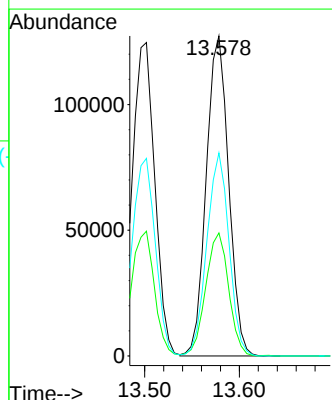
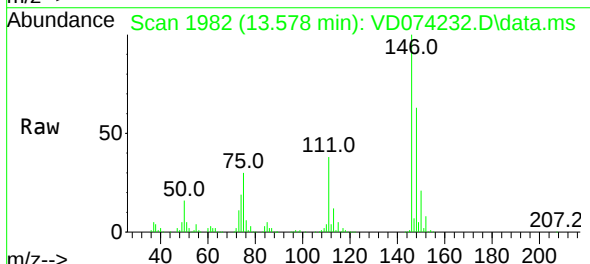
Instrument :
MSVOA_D
ClientSampleId :
BFB

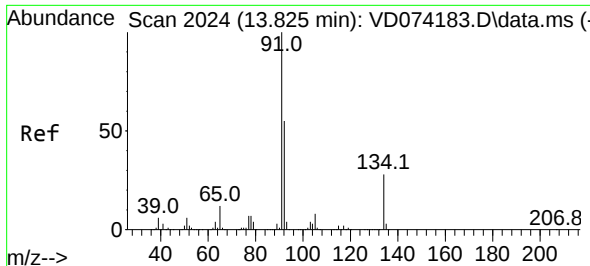
Tgt Ion:146 Resp: 209769
Ion Ratio Lower Upper
146 100
111 39.8 20.4 61.3
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.341 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:146 Resp: 208694
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 62.8 31.7 95.1

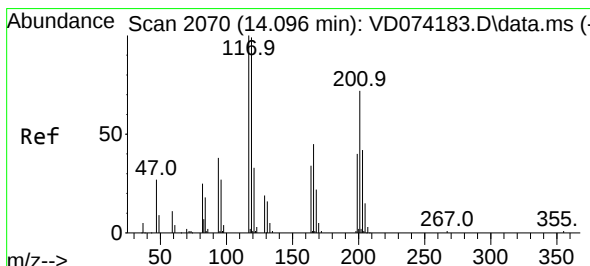
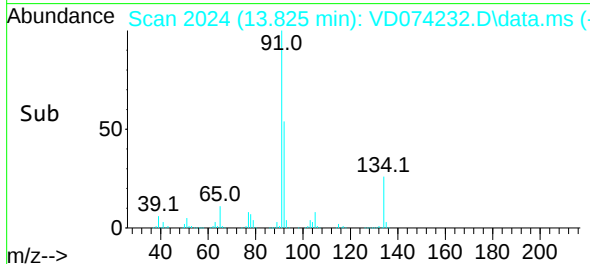
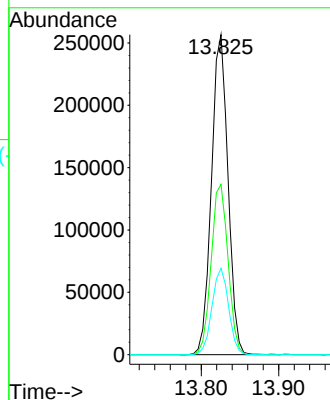
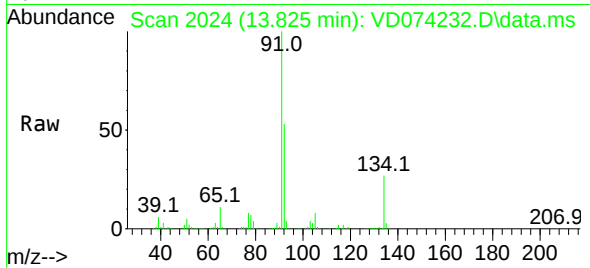




#89
n-Butylbenzene
Concen: 52.794 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

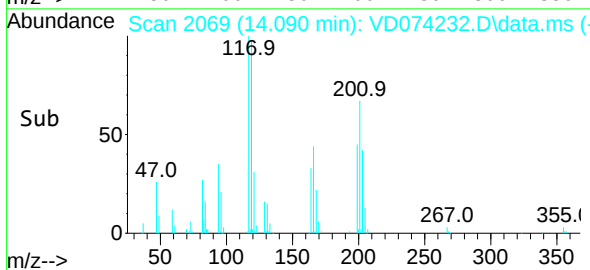
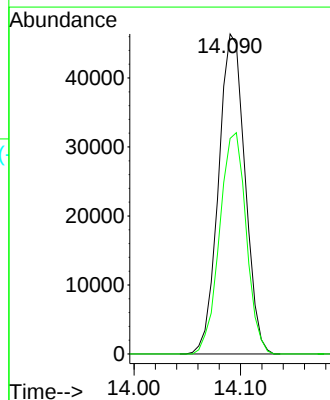
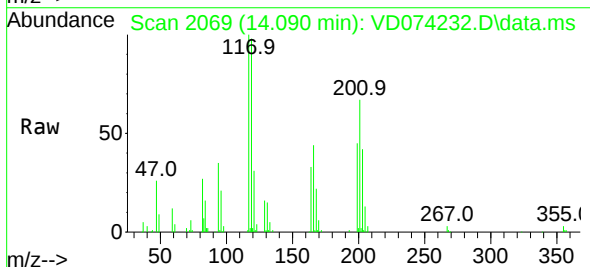
Instrument :
MSVOA_D
ClientSampleId :
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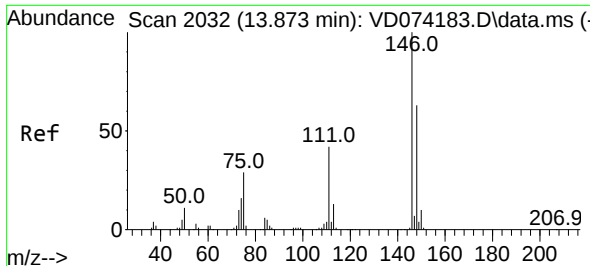
Tgt Ion: 91 Resp: 380211
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 27.1 12.3 36.9



#90
Hexachloroethane
Concen: 51.899 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 117 Resp: 80005
Ion Ratio Lower Upper
117 100
201 69.6 33.4 100.2

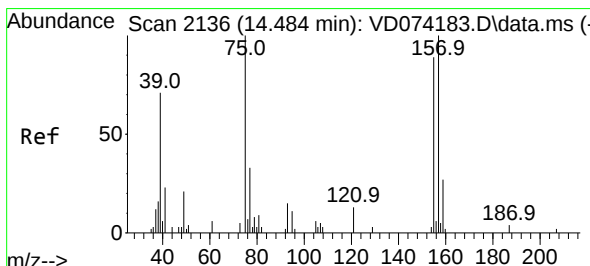
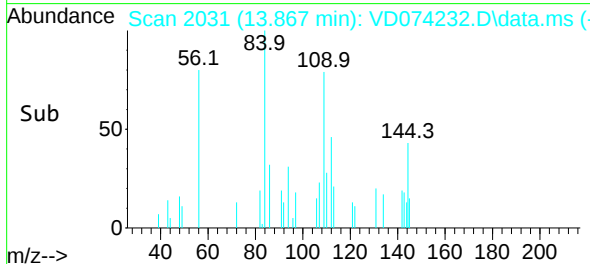
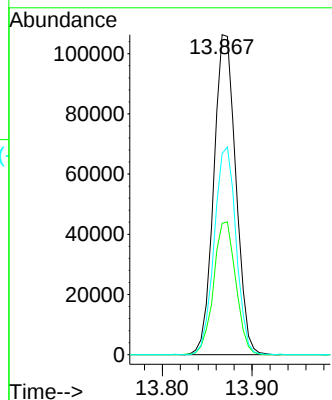
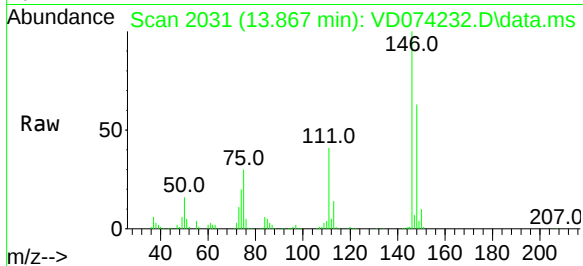




#91
1,2-Dichlorobenzene
Concen: 51.832 ug/l
RT: 13.867 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

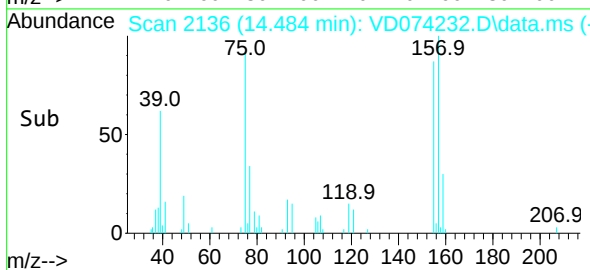
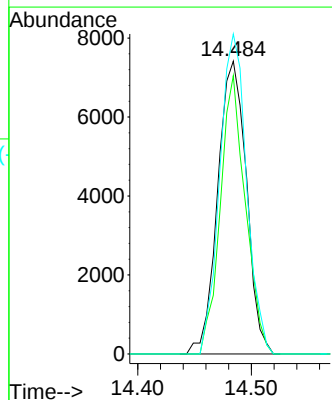
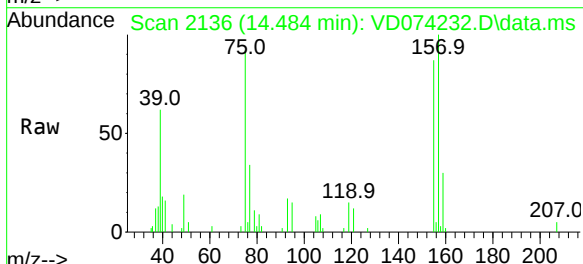
Instrument :
MSVOA_D
ClientSampleId :
BFB

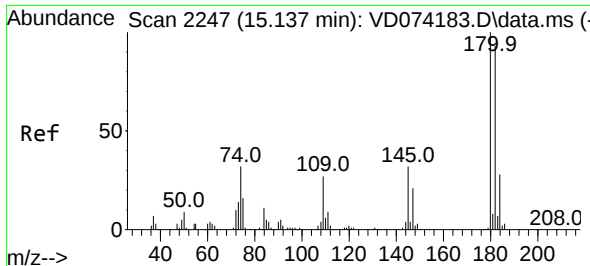
Tgt Ion:146 Resp: 181830
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.818 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion: 75 Resp: 13001
Ion Ratio Lower Upper
75 100
155 83.4 36.8 110.3
157 102.6 48.4 145.0

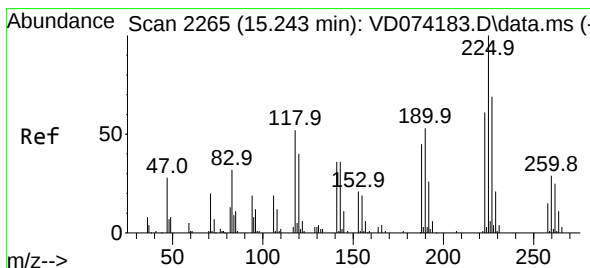
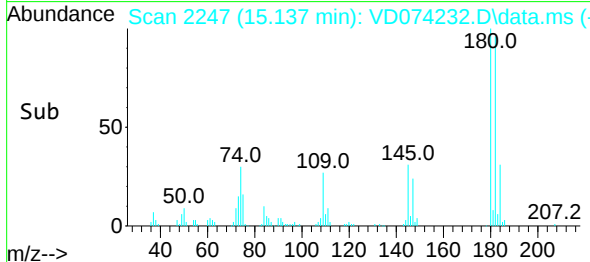
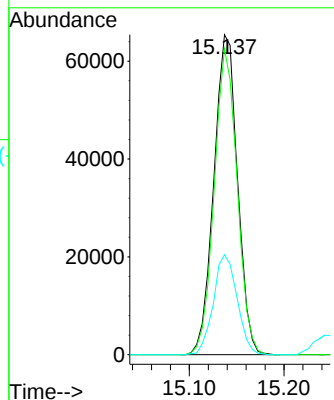
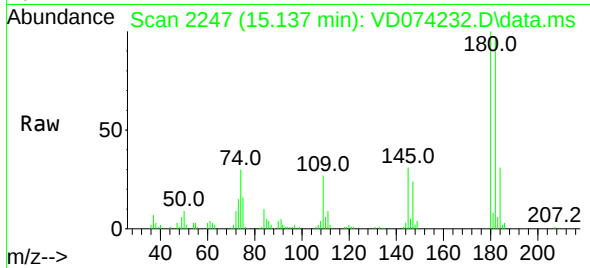




#93
 1,2,4-Trichlorobenzene
 Concen: 53.066 ug/l
 RT: 15.137 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

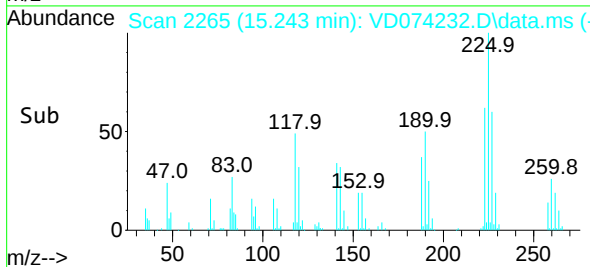
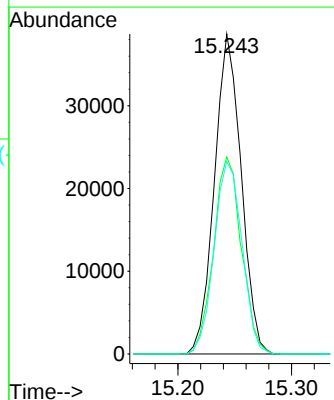
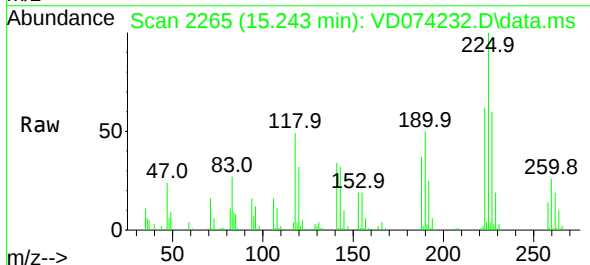
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

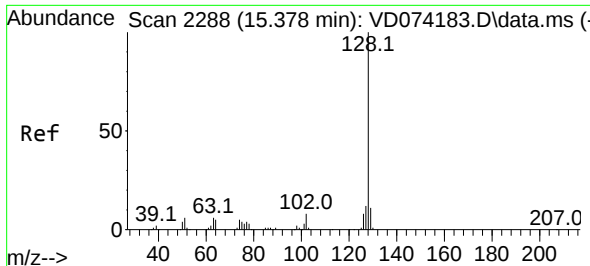
Tgt Ion:180 Resp: 113616
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.3 142.0
 145 31.4 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 52.644 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. -0.000 min
 Lab File: VD074232.D
 Acq: 26 Aug 2022 11:55

Tgt Ion:225 Resp: 63254
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.1 93.2
 227 62.7 32.4 97.0

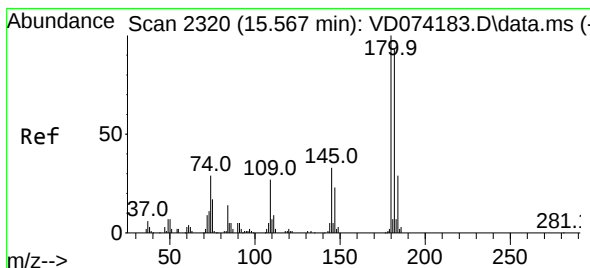
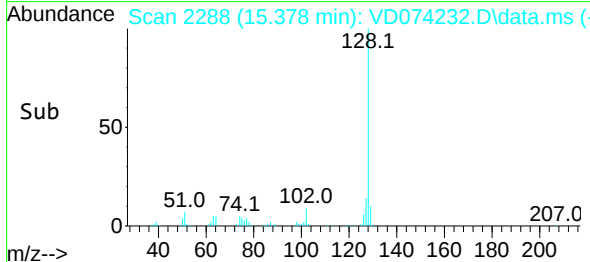
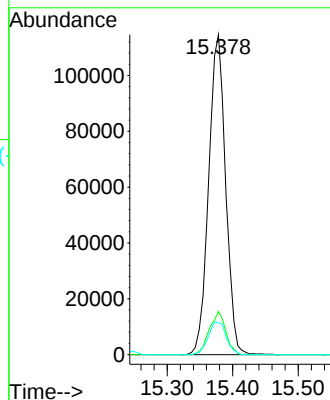
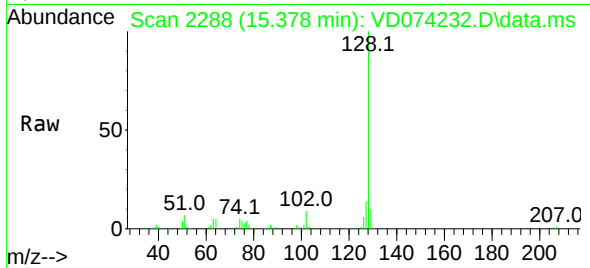




#95
Naphthalene
Concen: 47.698 ug/l
RT: 15.378 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:128 Resp: 206031
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.889 ug/l
RT: 15.566 min Scan# 2320
Delta R.T. -0.001 min
Lab File: VD074232.D
Acq: 26 Aug 2022 11:55

Tgt Ion:180 Resp: 98755
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 34.1 17.1 51.3

