

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075787.D
 Acq On : 21 Apr 2023 20:50
 Operator : KP/SY
 Sample : VSTDCCC050EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Apr 22 03:58:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	359559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	332816	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	207064	26.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.000%
7) Chloroethane-d5	2.799	69	177194	26.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	3.917	65	46868	25.773	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.080%
21) 2-Butanone-d5	6.987	46	36927	53.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.860%
24) Chloroform-d	7.569	84	233468	25.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.880%
26) 1,2-Dichloroethane-d4	8.228	65	101020	26.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.240%
32) Benzene-d6	8.199	84	509500	26.266	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.080%
36) 1,2-Dichloropropane-d6	9.210	67	139433	25.969	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.880%
41) Toluene-d8	10.269	98	480057	26.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.720%
43) trans-1,3-Dichloroprop...	10.528	79	57116	25.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.960%
47) 2-Hexanone-d5	10.875	63	35215	54.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110235	26.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	149985	25.160	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	133533	26.940	ug/L	99
3) Chloromethane	2.146	50	184502	26.701	ug/L	98
5) Vinyl chloride	2.281	62	228866	25.343	ug/L	98
6) Bromomethane	2.693	94	153699	25.328	ug/L	97
8) Chloroethane	2.834	64	145560	24.922	ug/L	99
9) Trichlorofluoromethane	3.175	101	180881	24.928	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	122881	25.207	ug/L	99
12) 1,1-Dichloroethene	3.940	96	118434	25.051	ug/L	91
13) Acetone	4.028	43	27179	46.381	ug/L	99
14) Carbon disulfide	4.270	76	412937	25.007	ug/L	100
15) Methyl Acetate	4.564	43	32503	25.593	ug/L #	55
16) Methylene chloride	4.799	84	149940	20.556	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	133855	25.250	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	213840	25.148	ug/L	99
19) 1,1-Dichloroethane	6.111	63	198621	25.576	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	142872	25.489	ug/L	93
22) 2-Butanone	7.081	43	39432	51.616	ug/L	100
23) Bromochloromethane	7.428	128	66098	25.426	ug/L	98
25) Chloroform	7.593	83	219800	25.254	ug/L	98

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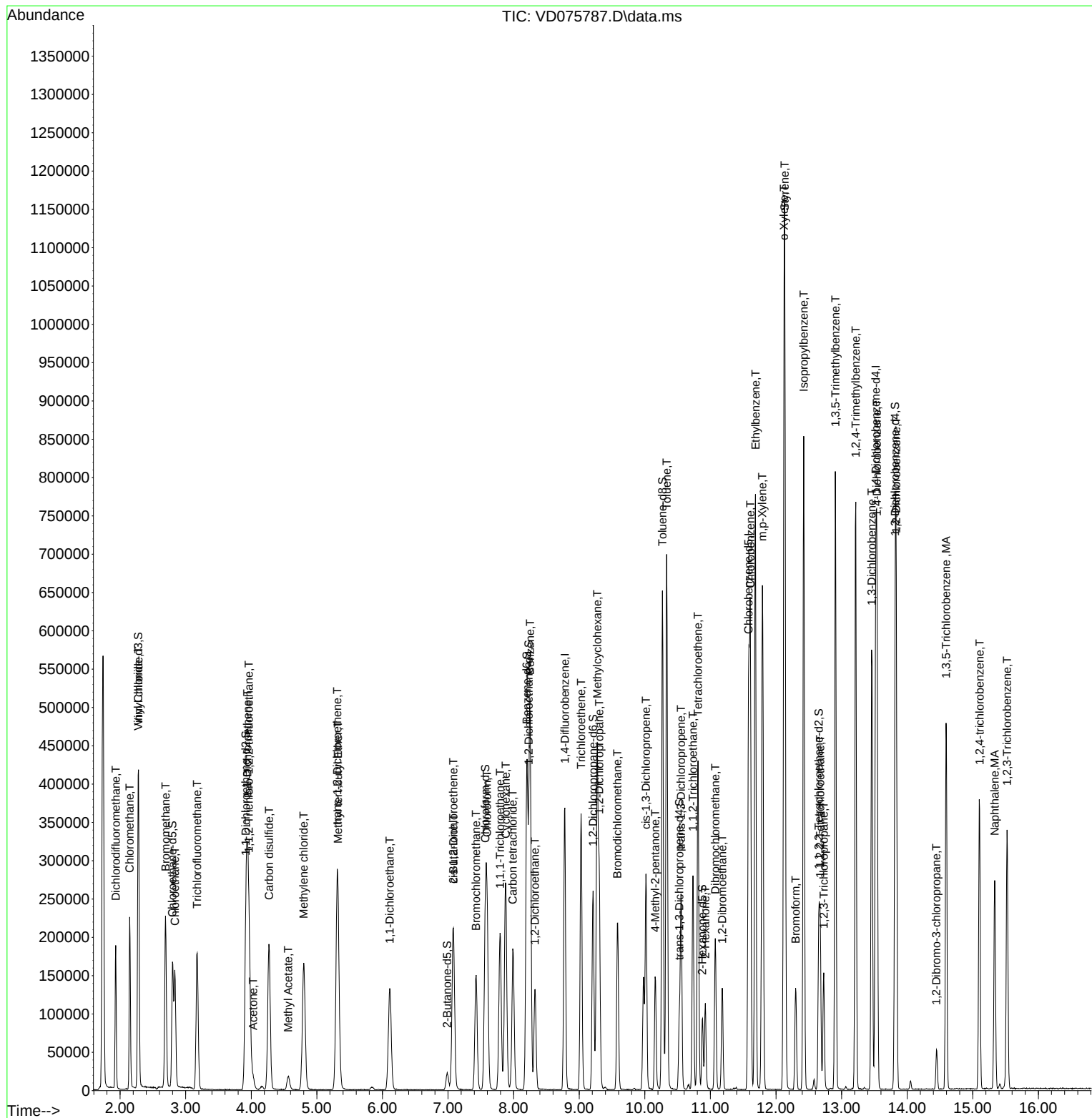
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	115679	25.749	ug/L	97
29) Cyclohexane	7.881	56	147920	25.962	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	174240	24.744	ug/L	100
31) Carbon tetrachloride	7.987	117	139705	24.729	ug/L	97
33) Benzene	8.252	78	508843	25.276	ug/L	100
34) Trichloroethene	9.028	95	130381	25.044	ug/L	96
35) Methylcyclohexane	9.275	83	203377	25.338	ug/L	99
37) 1,2-Dichloropropane	9.305	63	118080	25.534	ug/L	98
38) Bromodichloromethane	9.581	83	159378	25.560	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	181713	24.708	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	87513	51.904	ug/L	99
42) Toluene	10.334	91	573890	26.343	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	151365	25.620	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	99531	25.299	ug/L	98
46) Tetrachloroethene	10.810	164	105656	24.743	ug/L	94
48) 2-Hexanone	10.922	43	63759	53.641	ug/L	92
49) Dibromochloromethane	11.075	129	110339	25.763	ug/L	97
50) 1,2-Dibromoethane	11.181	107	90627	25.551	ug/L	99
51) Chlorobenzene	11.610	112	364061	25.544	ug/L	98
52) Ethylbenzene	11.687	91	582683	26.083	ug/L	100
53) m,p-Xylene	11.793	106	235957	26.525	ug/L	99
54) o-Xylene	12.122	106	224008	26.513	ug/L	100
55) Styrene	12.134	104	402196	27.350	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	104678	26.150	ug/L	99
59) Bromoform	12.299	173	64368	24.920	ug/L	98
60) Isopropylbenzene	12.422	105	565923	25.324	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	66233	25.017	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	437226	26.238	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	423972	26.393	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	264804	24.765	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	276416	24.631	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	239625	25.095	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12986	24.536	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	159549	22.262	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	131363	22.118	ug/L	99
71) Naphthalene	15.334	128	252888	23.267	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	120713	22.769	ug/L	100

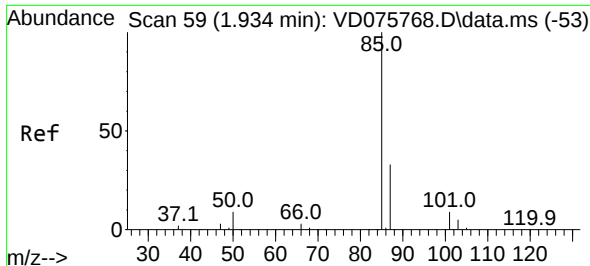
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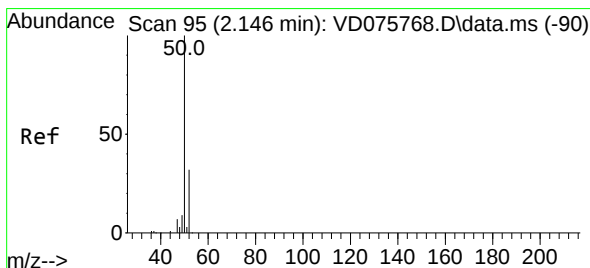
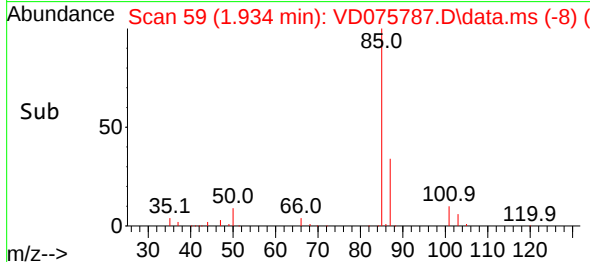
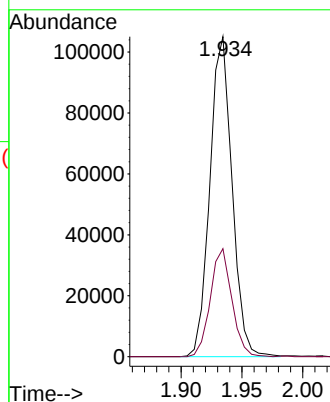
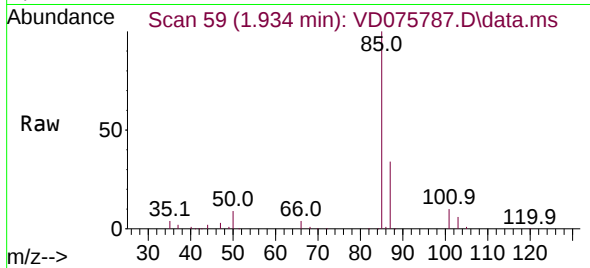




#2
Dichlorodifluoromethane
Concen: 26.940 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

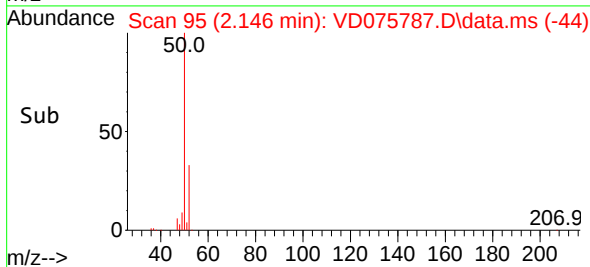
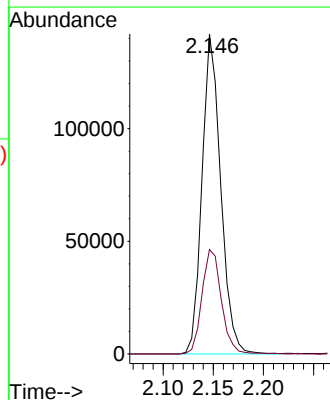
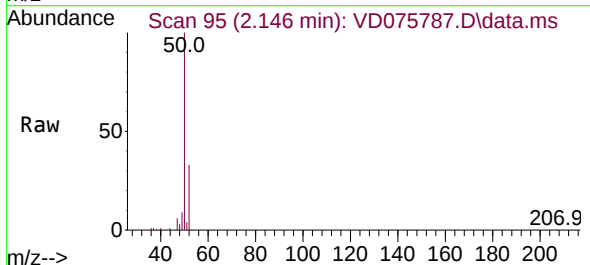
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MSVOA_D
ClientSampleId :
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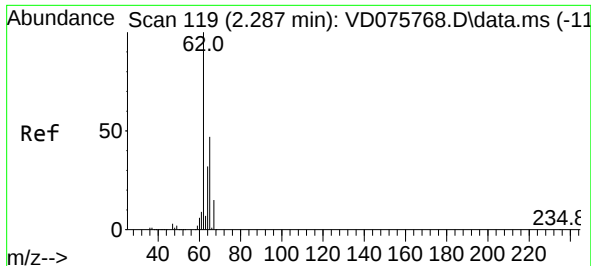
Tgt Ion: 85 Resp: 133533
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 26.701 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 50 Resp: 184502
Ion Ratio Lower Upper
50 100
52 32.6 23.7 44.1

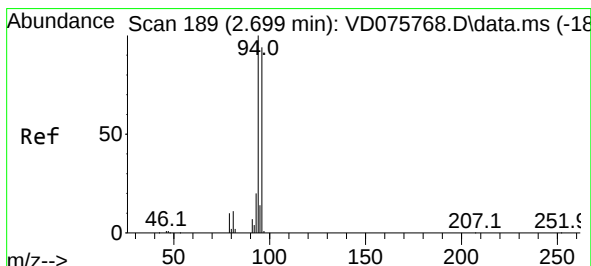
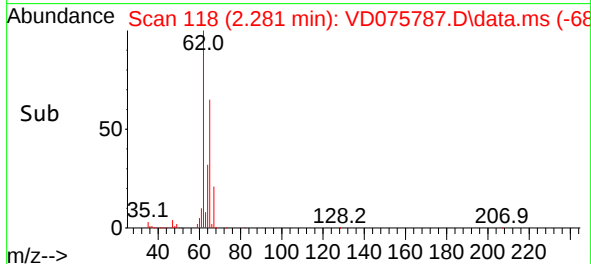
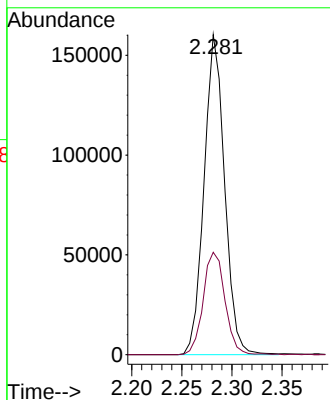
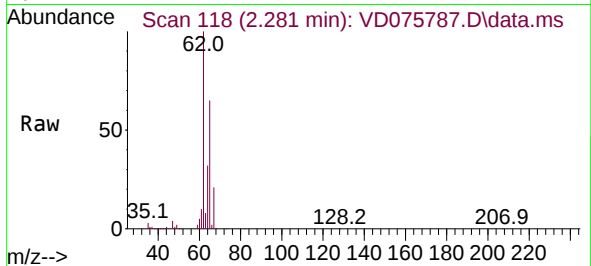




#5
 Vinyl chloride
 Concen: 25.343 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075787.D
 Acq: 21 Apr 2023 20:50

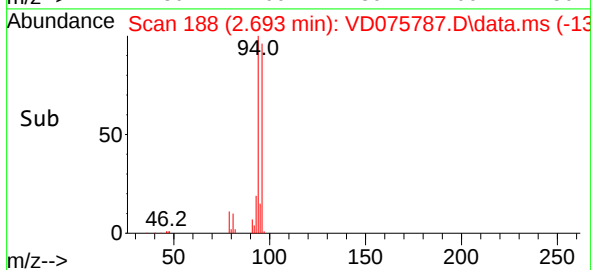
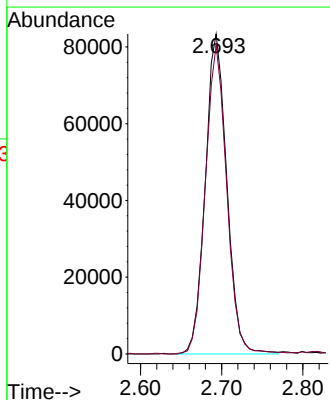
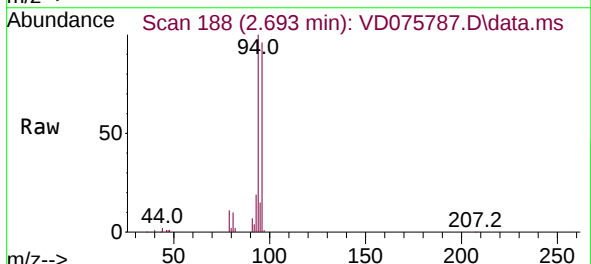
Instrument :
 MSVOA_D
 ClientSampleId :
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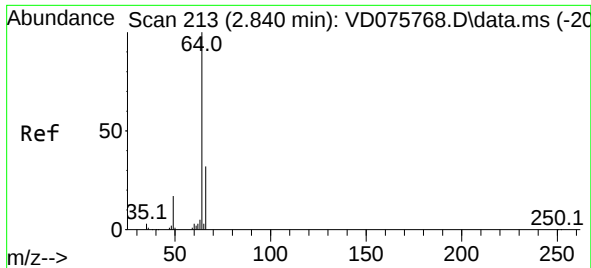
Tgt Ion: 62 Resp: 228866
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.2 43.0



#6
 Bromomethane
 Concen: 25.328 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075787.D
 Acq: 21 Apr 2023 20:50

Tgt Ion: 94 Resp: 153699
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.7 121.9

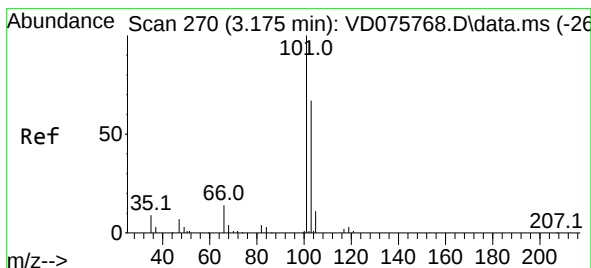
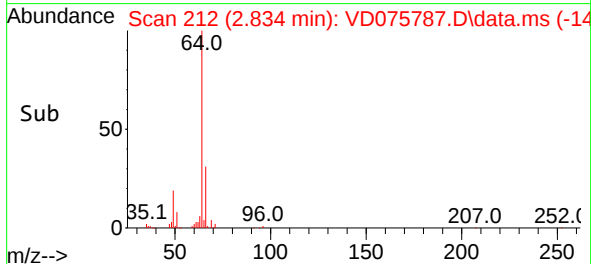
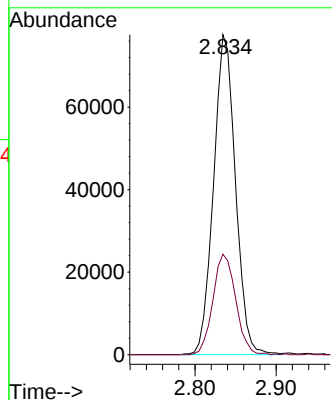
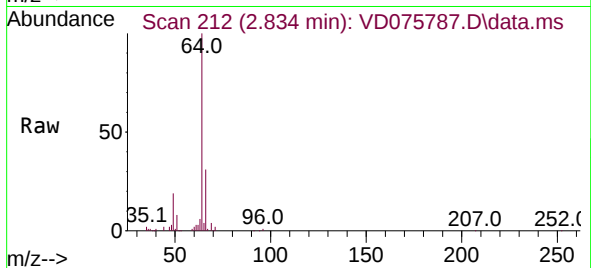




#8
Chloroethane
Concen: 24.922 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

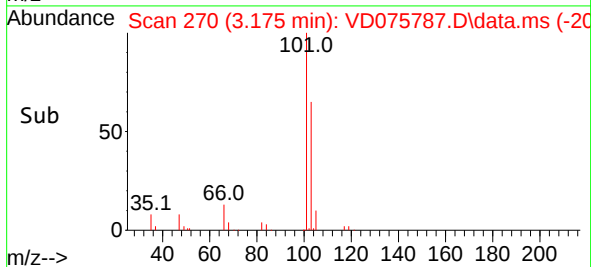
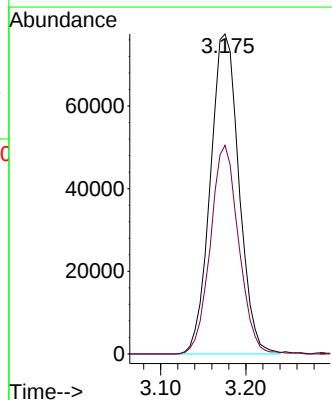
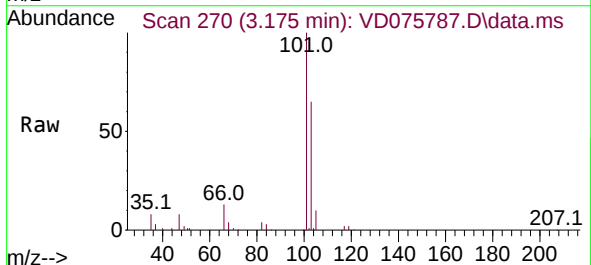
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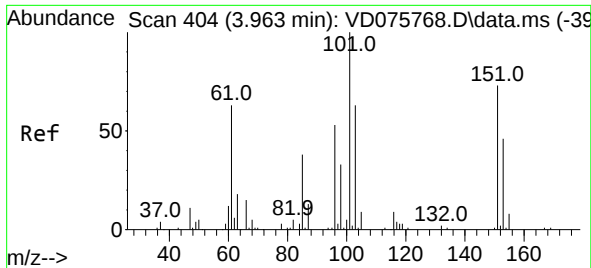
Tgt Ion: 64 Resp: 145560
Ion Ratio Lower Upper
64 100
66 31.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 24.928 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 101 Resp: 180881
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

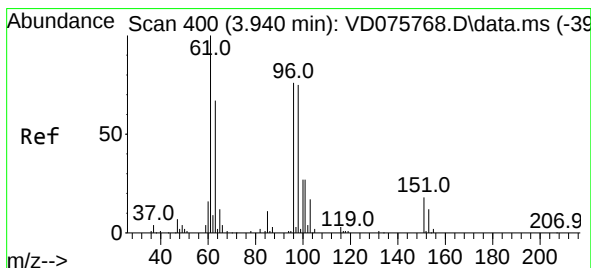
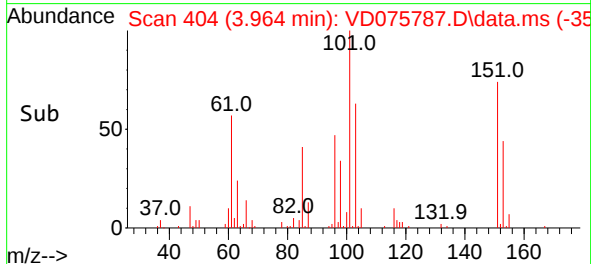
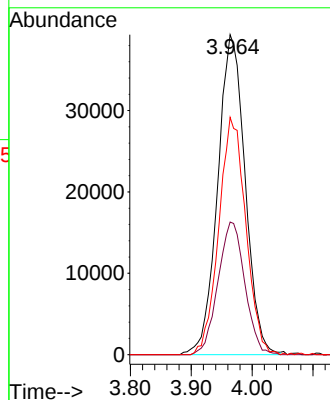
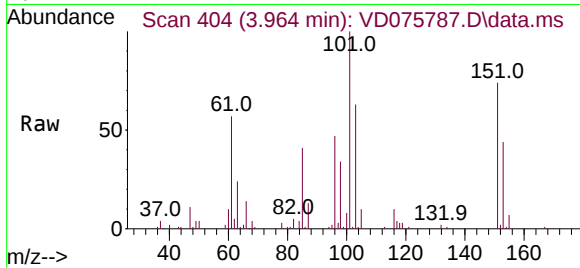




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.207 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075787.D
 Acq: 21 Apr 2023 20:50

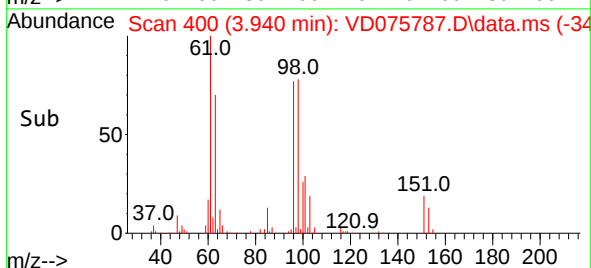
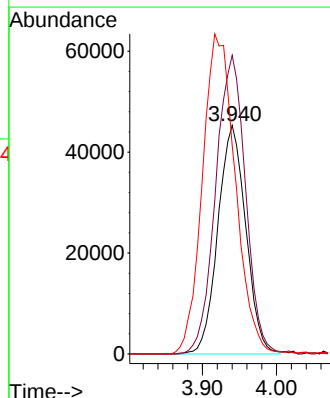
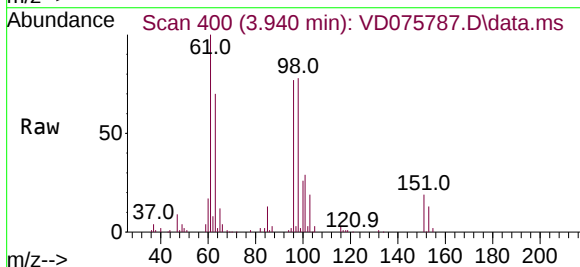
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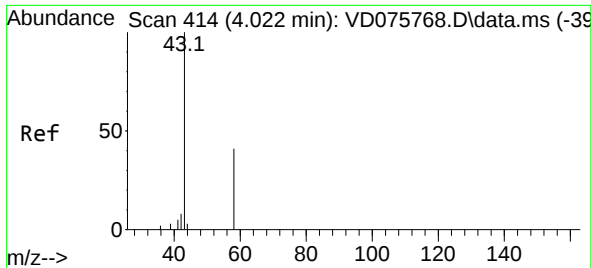
Tgt Ion:101 Resp: 122881
 Ion Ratio Lower Upper
 101 100
 85 40.5 32.9 49.3
 151 72.7 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.051 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD075787.D
 Acq: 21 Apr 2023 20:50

Tgt Ion: 96 Resp: 118434
 Ion Ratio Lower Upper
 96 100
 61 130.6 92.6 172.0
 63 91.1 77.4 143.8





#13

Acetone

Concen: 46.381 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

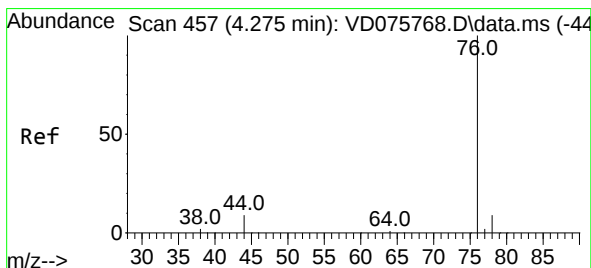
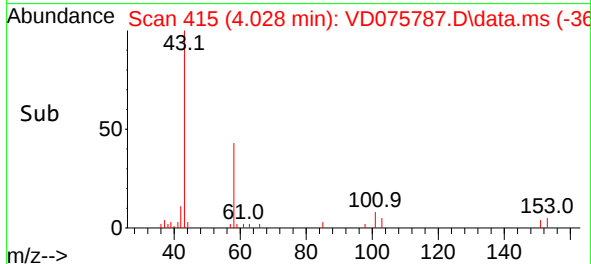
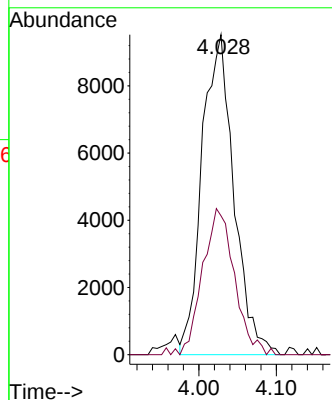
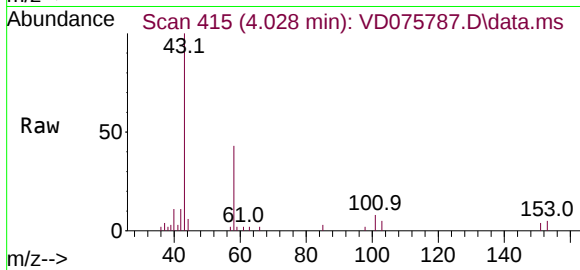
BFB

Tgt Ion: 43 Resp: 27179

Ion Ratio Lower Upper

43 100

58 44.3 0.0 87.4



#14

Carbon disulfide

Concen: 25.007 ug/L

RT: 4.270 min Scan# 456

Delta R.T. -0.006 min

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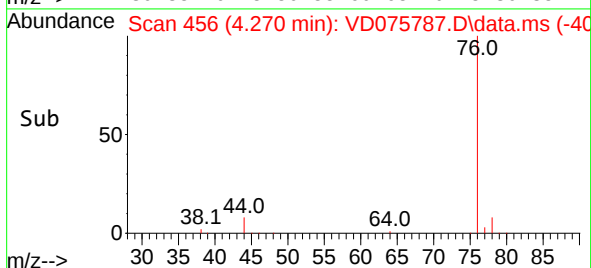
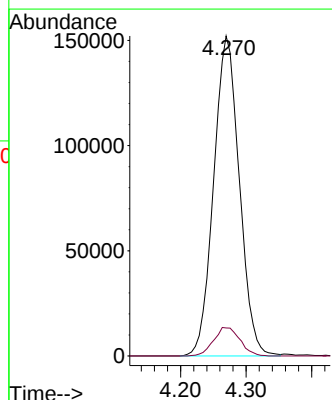
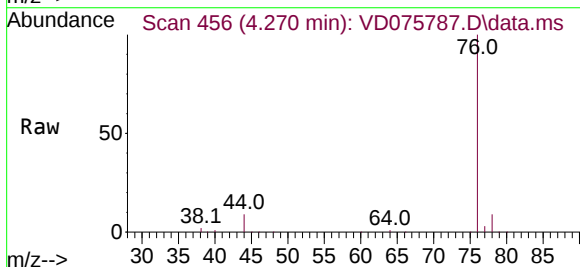
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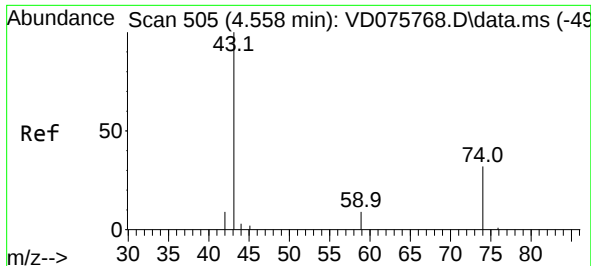
Tgt Ion: 76 Resp: 412937

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6

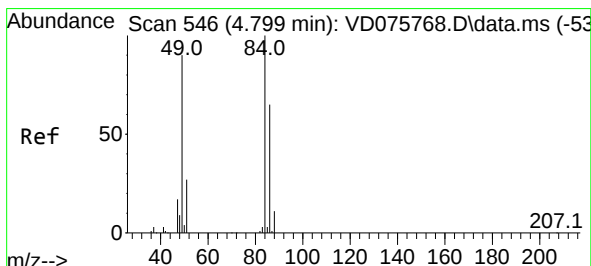
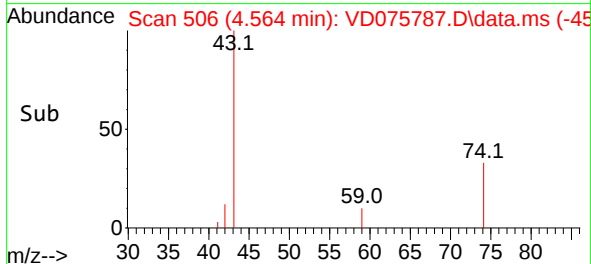
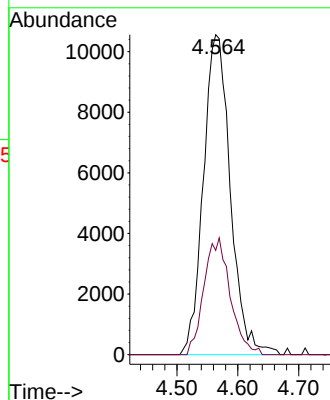
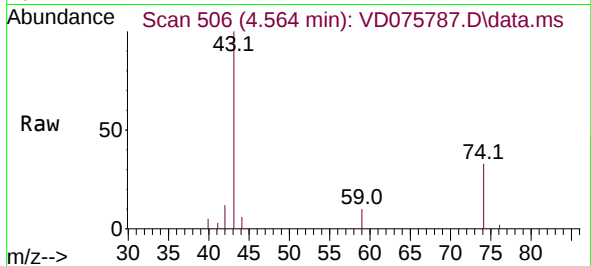




#15
Methyl Acetate
Concen: 25.593 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

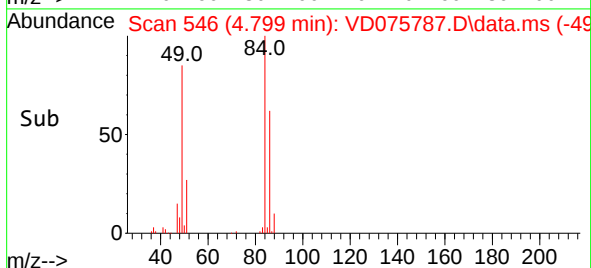
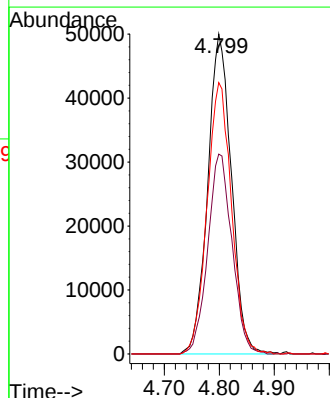
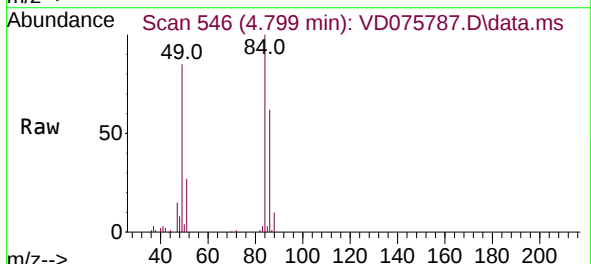
Instrument :
MSVOA_D
ClientSampleId :
BFB

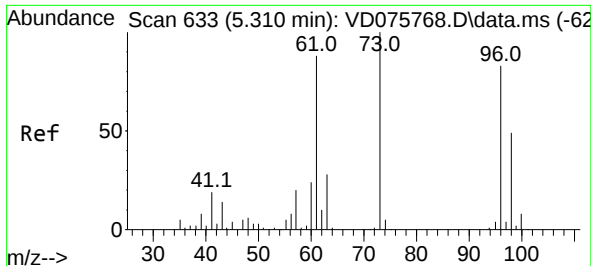
Tgt Ion: 43 Resp: 32503
Ion Ratio Lower Upper
43 100
74 35.3 12.8 19.2#



#16
Methylene chloride
Concen: 20.556 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 84 Resp: 149940
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.2
49 84.8 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.250 ug/L

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

BFB

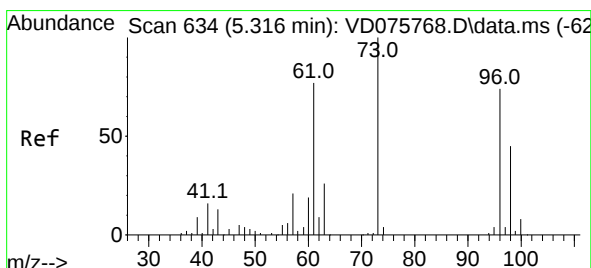
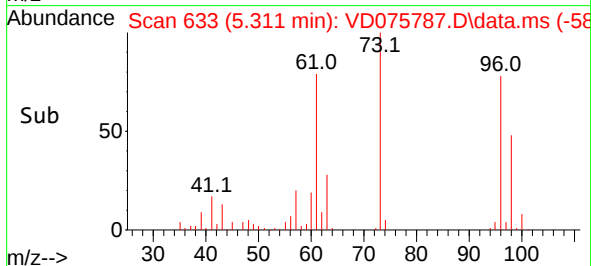
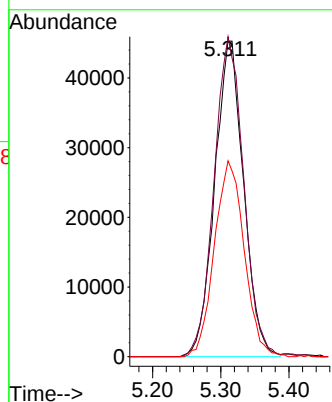
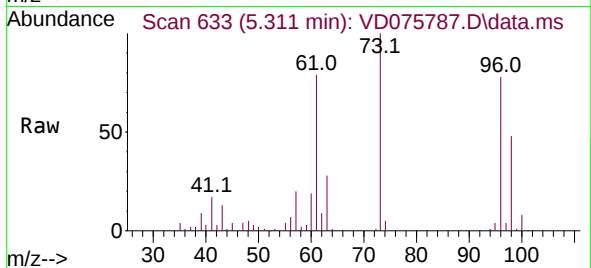
Tgt Ion: 96 Resp: 133855

Ion Ratio Lower Upper

96 100

61 101.3 72.9 135.5

98 62.0 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 25.148 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

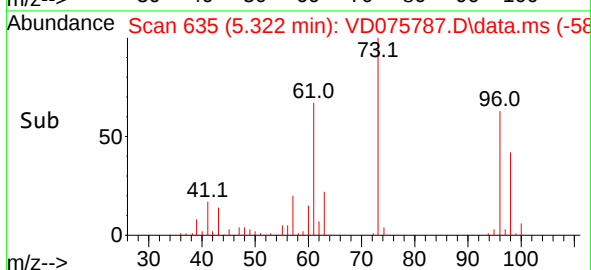
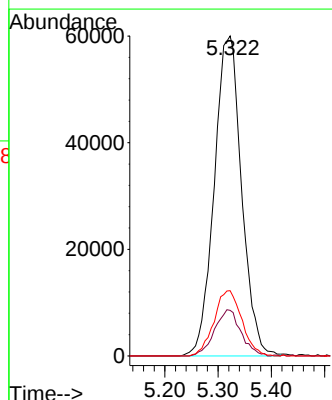
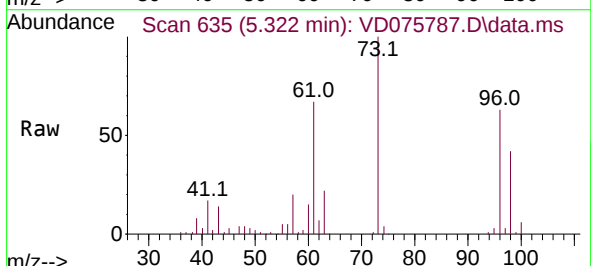
Tgt Ion: 73 Resp: 213840

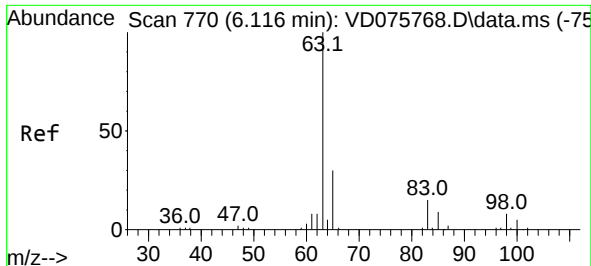
Ion Ratio Lower Upper

73 100

43 13.9 11.3 16.9

57 20.8 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.576 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

BFB

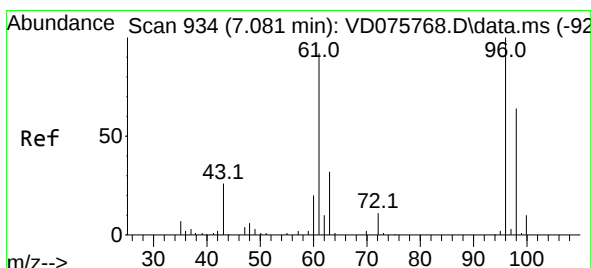
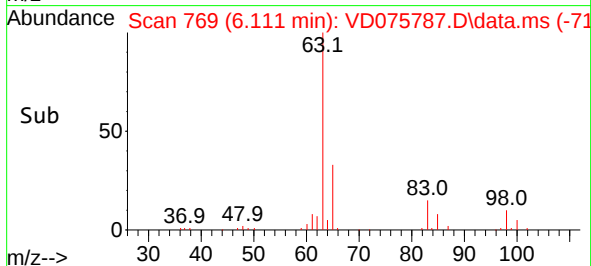
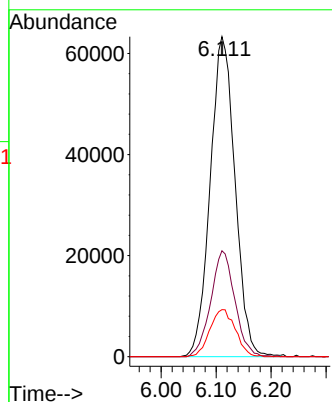
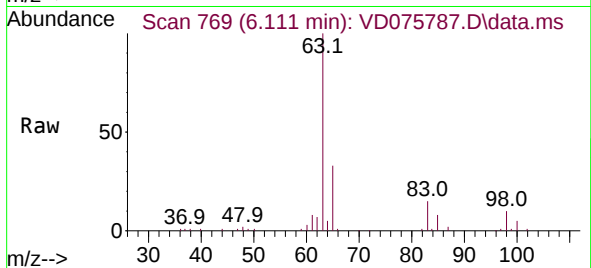
Tgt Ion: 63 Resp: 198621

Ion Ratio Lower Upper

63 100

65 33.1 22.8 42.4

83 14.7 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 25.489 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

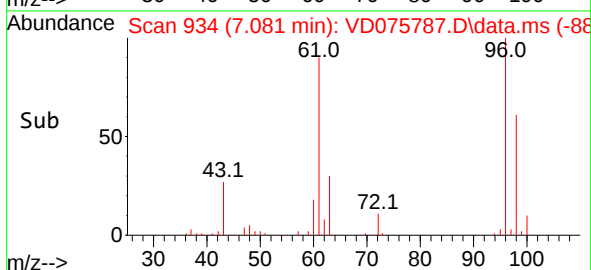
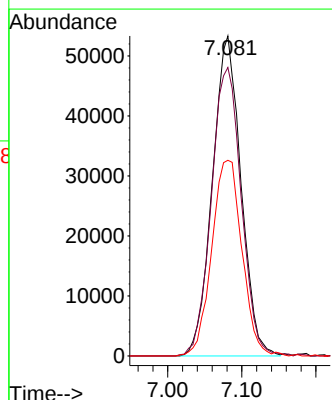
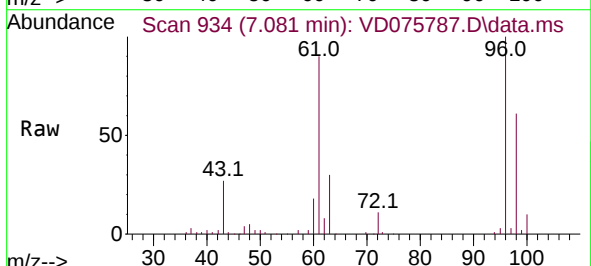
Tgt Ion: 96 Resp: 142872

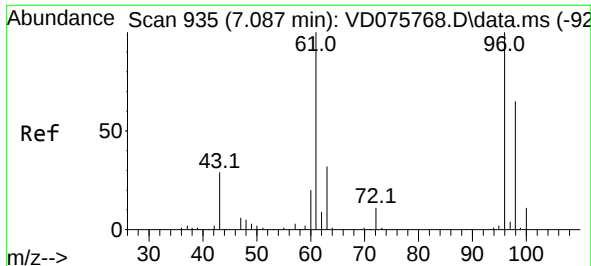
Ion Ratio Lower Upper

96 100

61 90.1 67.5 125.3

98 61.1 47.5 88.1

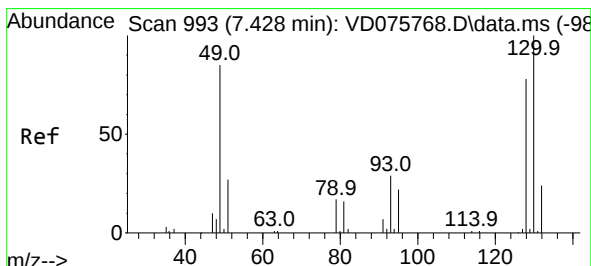
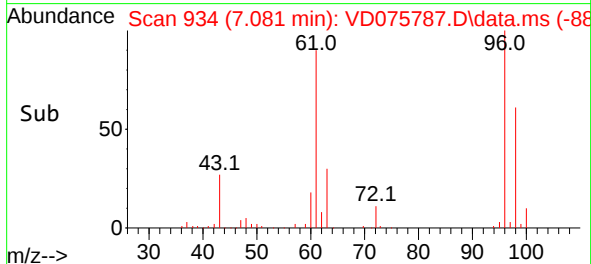
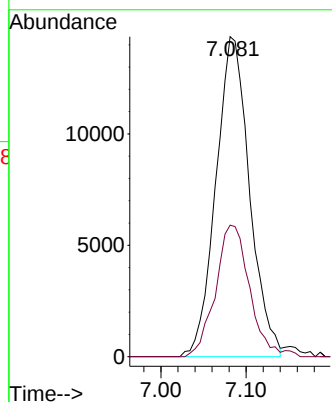
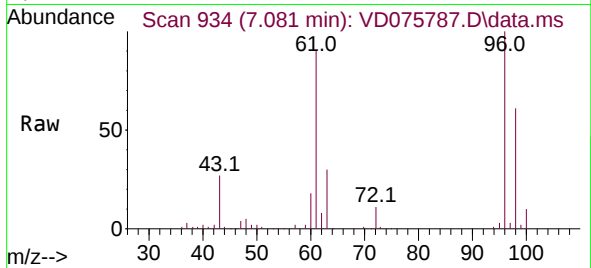




#22
2-Butanone
Concen: 51.616 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

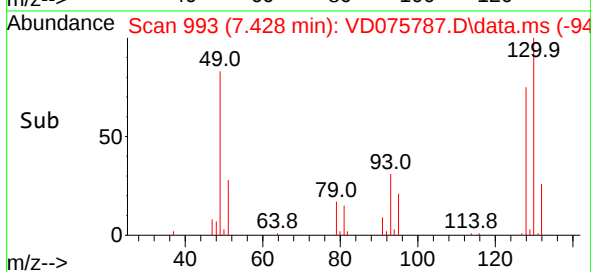
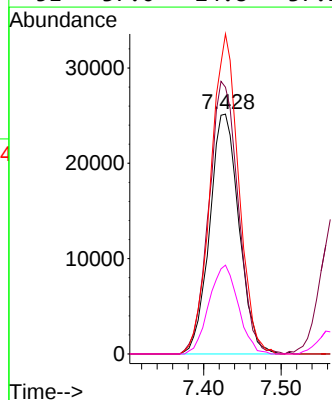
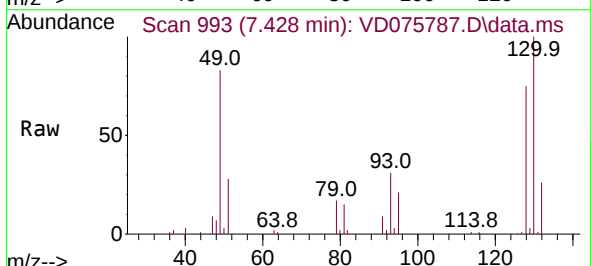
Instrument :
MSVOA_D
ClientSampleId :
BFB

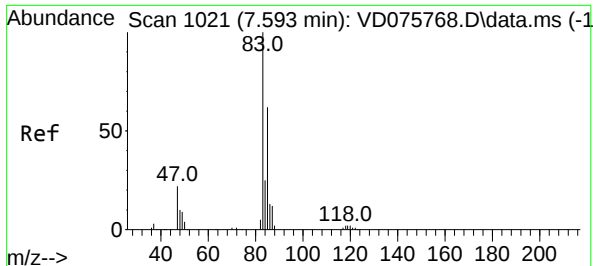
Tgt Ion: 43 Resp: 39432
Ion Ratio Lower Upper
43 100
72 41.1 20.5 61.5



#23
Bromochloromethane
Concen: 25.426 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 128 Resp: 66098
Ion Ratio Lower Upper
128 100
49 111.2 76.4 142.0
130 133.4 93.5 173.7
51 37.0 24.8 37.2





#25

Chloroform

Concen: 25.254 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

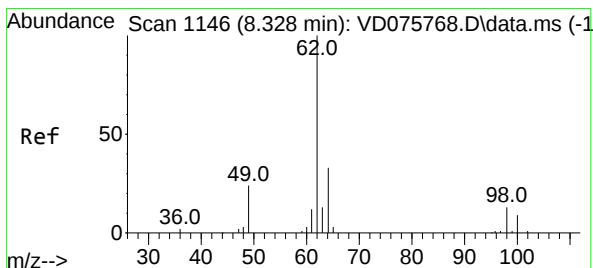
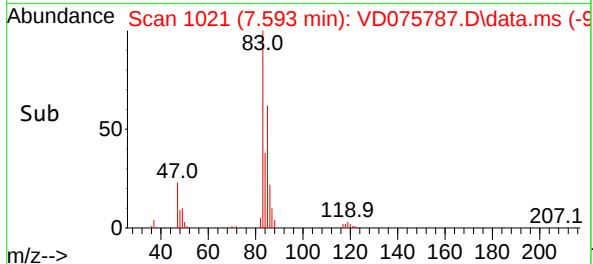
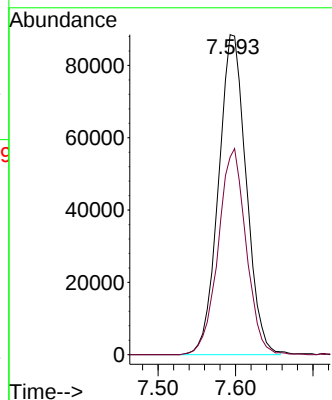
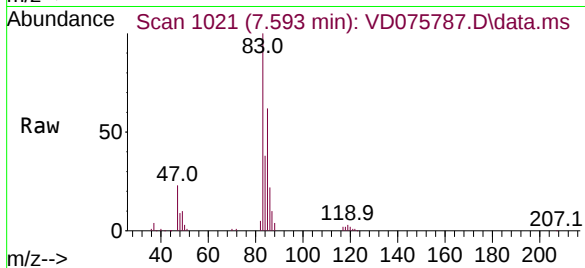
BFB

Tgt Ion: 83 Resp: 219800

Ion Ratio Lower Upper

83 100

85 61.7 44.4 82.5



#27

1,2-Dichloroethane

Concen: 25.749 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075787.D

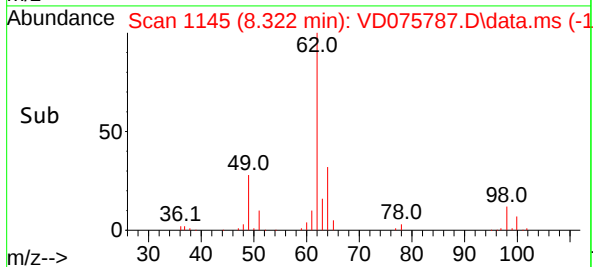
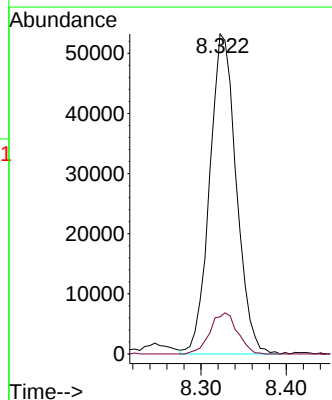
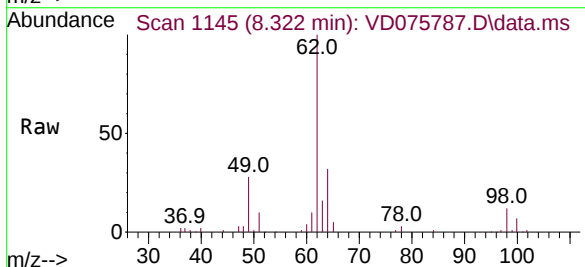
Acq: 21 Apr 2023 20:50

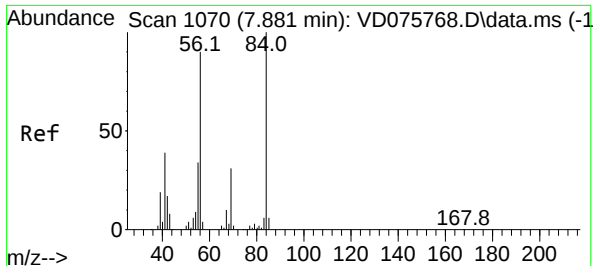
Tgt Ion: 62 Resp: 115679

Ion Ratio Lower Upper

62 100

98 11.6 10.2 15.2





#29

Cyclohexane

Concen: 25.962 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

BFB

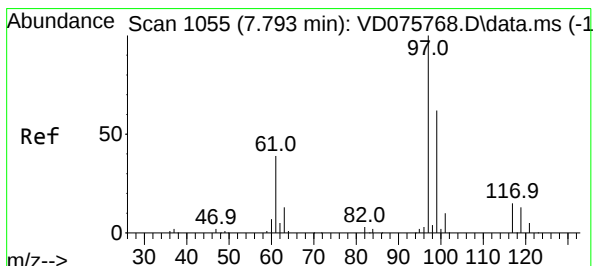
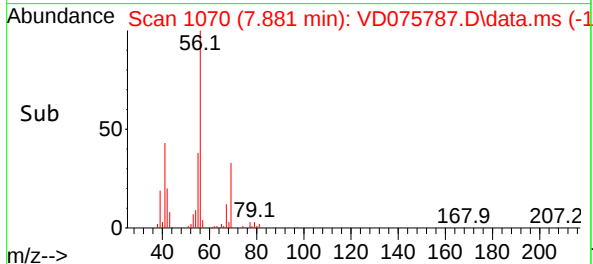
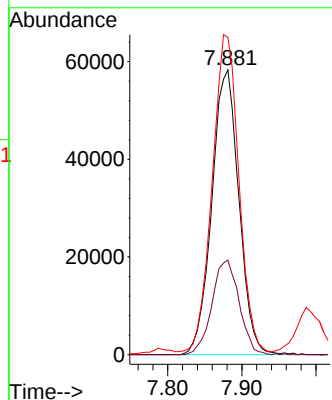
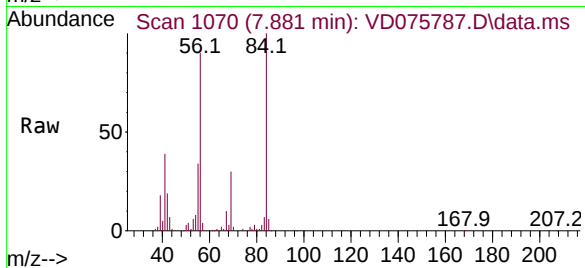
Tgt Ion: 56 Resp: 147920

Ion Ratio Lower Upper

56 100

69 33.3 28.2 42.2

84 112.0 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 24.744 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

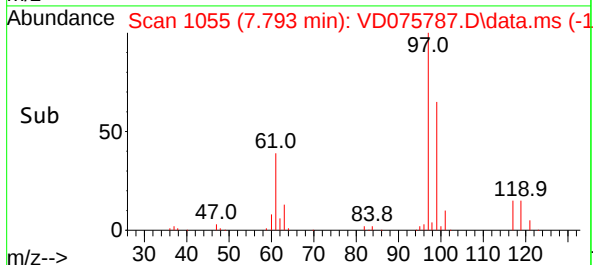
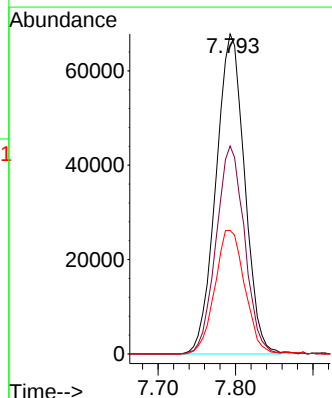
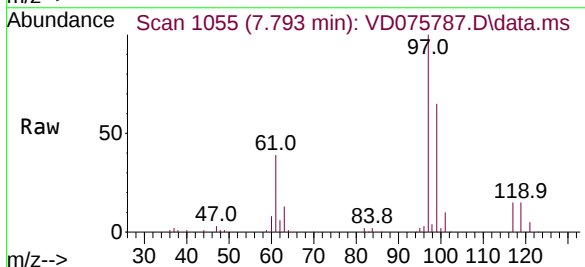
Tgt Ion: 97 Resp: 174240

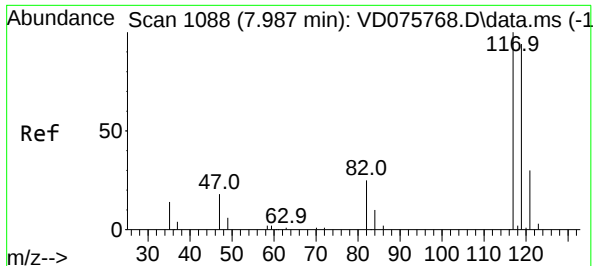
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 40.2 32.1 48.1

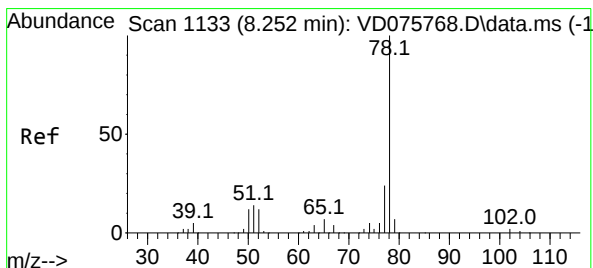
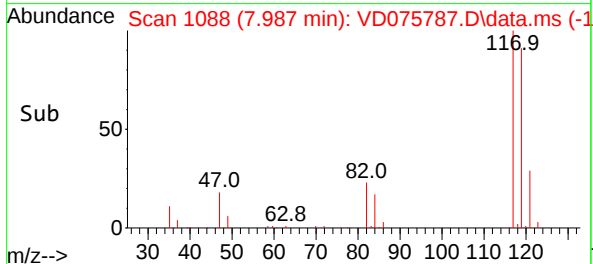
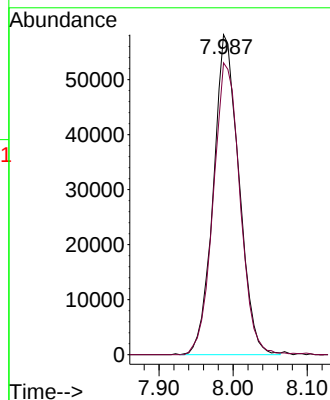
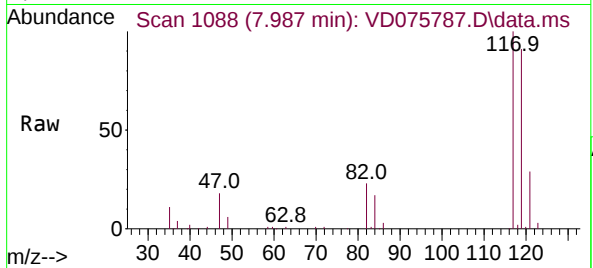




#31
Carbon tetrachloride
Concen: 24.729 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

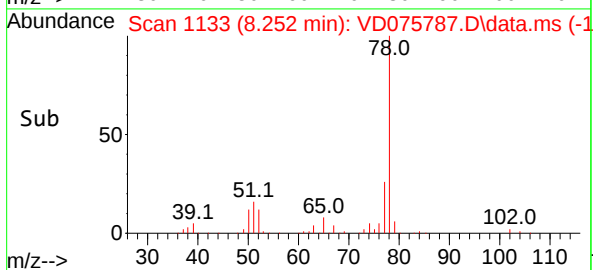
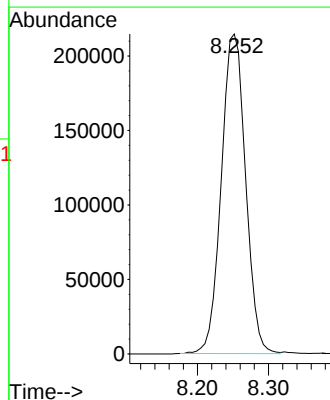
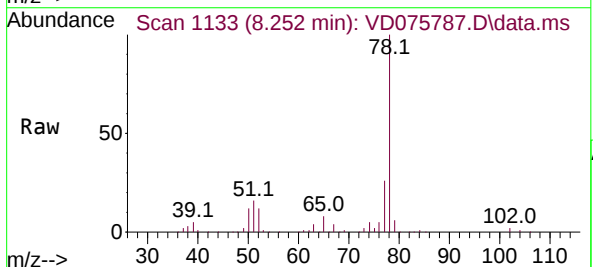
Instrument :
MSVOA_D
ClientSampleId :
BFB

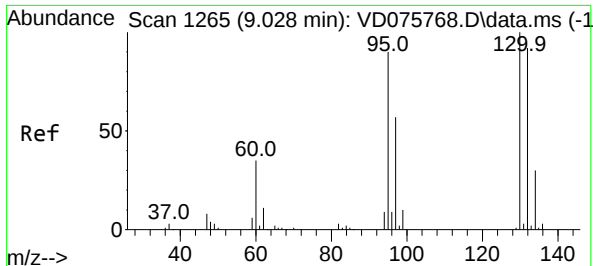
Tgt Ion:117 Resp: 139705
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.4



#33
Benzene
Concen: 25.276 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 78 Resp: 508843

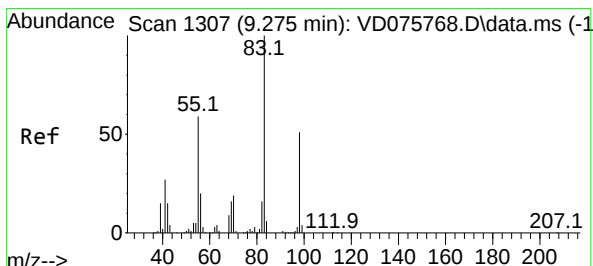
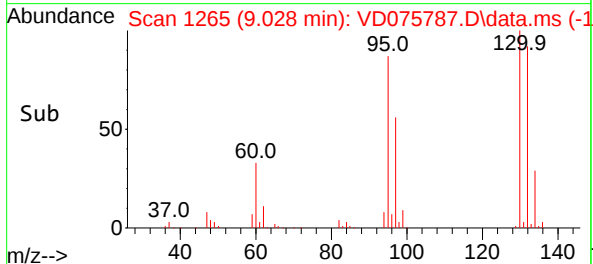
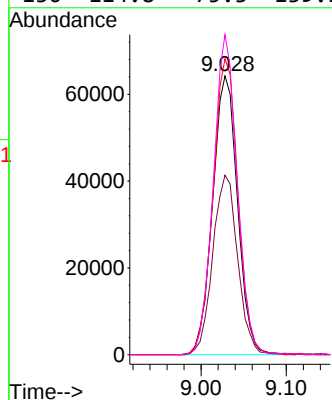
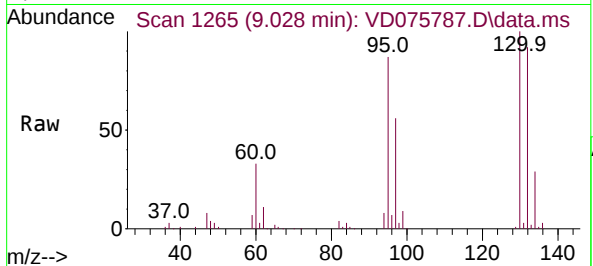




#34
Trichloroethene
Concen: 25.044 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

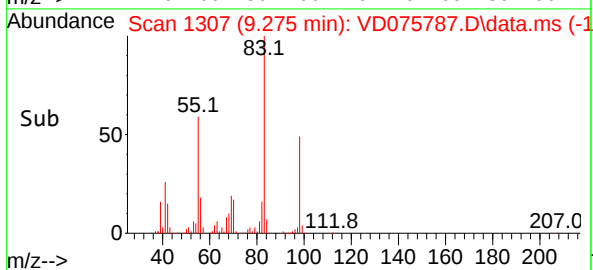
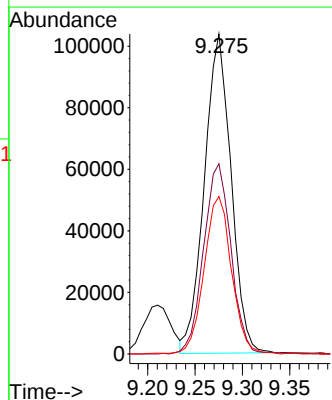
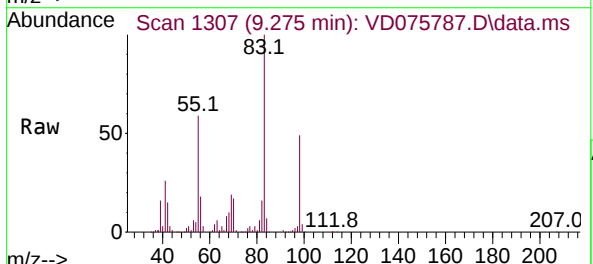
Instrument :
MSVOA_D
ClientSampleId :
BFB

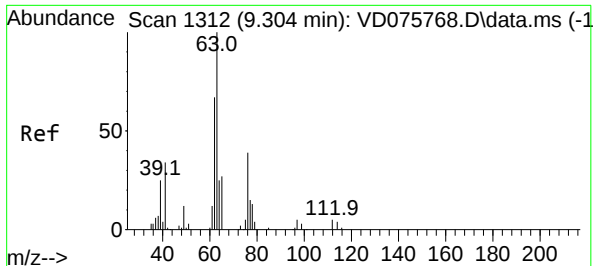
Tgt Ion: 95 Resp: 130381
Ion Ratio Lower Upper
95 100
97 64.4 46.0 85.4
132 106.2 73.3 136.1
130 114.8 75.3 139.9



#35
Methylcyclohexane
Concen: 25.338 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 83 Resp: 203377
Ion Ratio Lower Upper
83 100
55 61.3 48.2 72.2
98 50.6 40.8 61.2





#37

1,2-Dichloropropane

Concen: 25.534 ug/L

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

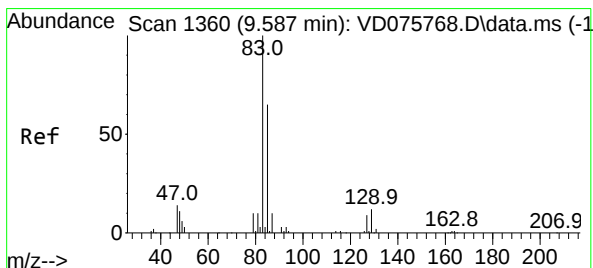
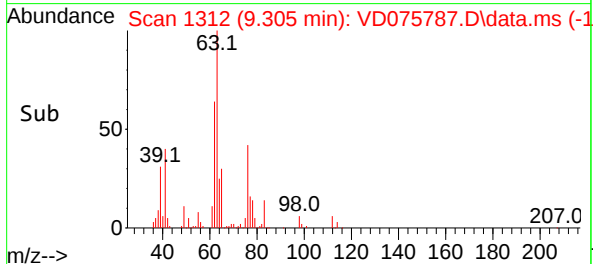
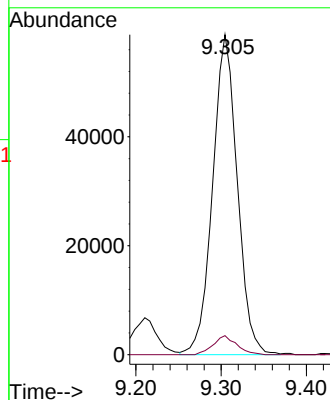
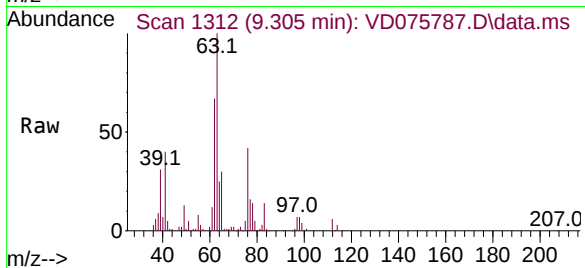
BFB

Tgt Ion: 63 Resp: 118080

Ion Ratio Lower Upper

63 100

112 5.7 4.0 6.0



#38

Bromodichloromethane

Concen: 25.560 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

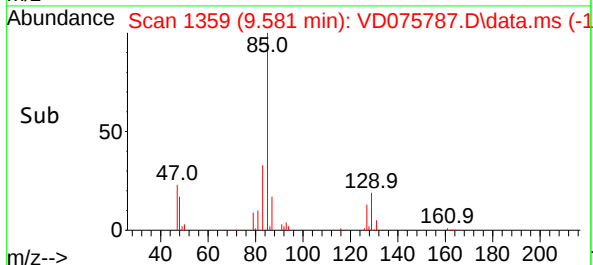
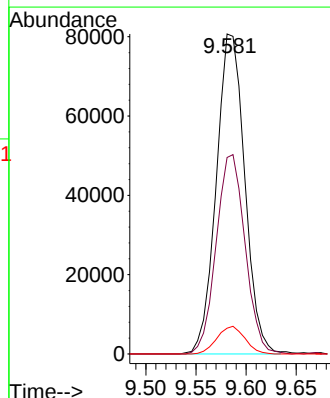
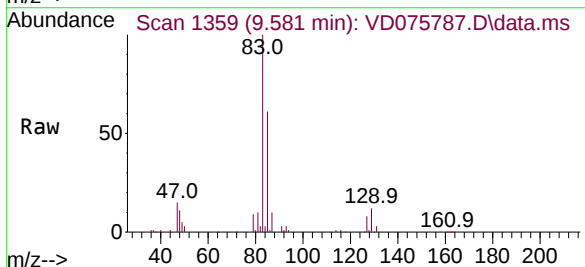
Tgt Ion: 83 Resp: 159378

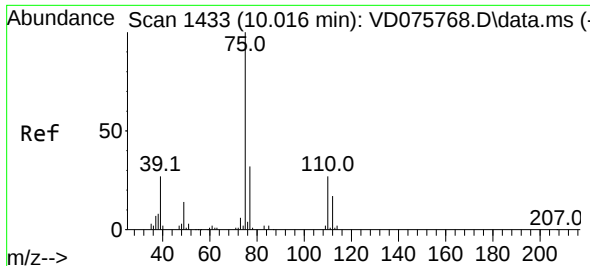
Ion Ratio Lower Upper

83 100

85 61.4 44.2 82.2

127 8.1 6.3 9.5

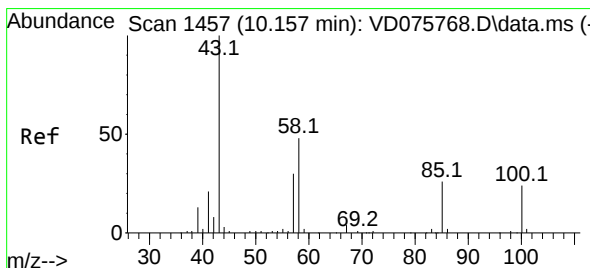
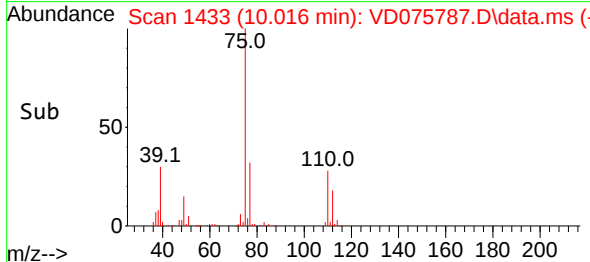
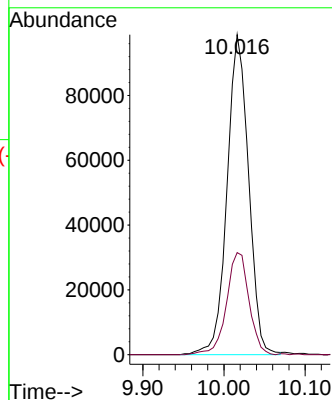
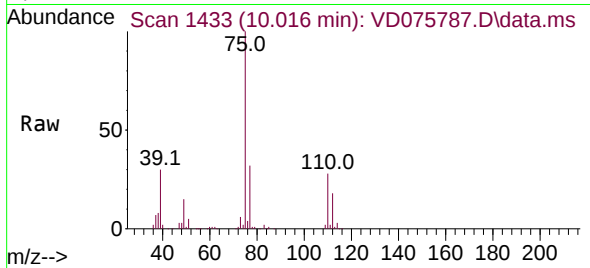




#39
cis-1,3-Dichloropropene
Concen: 24.708 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

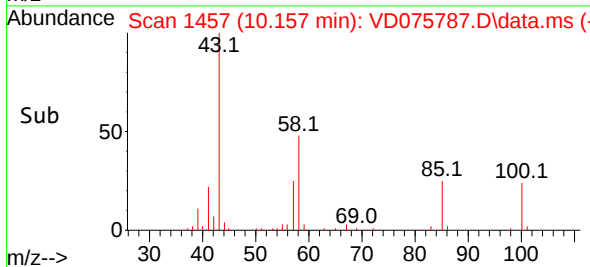
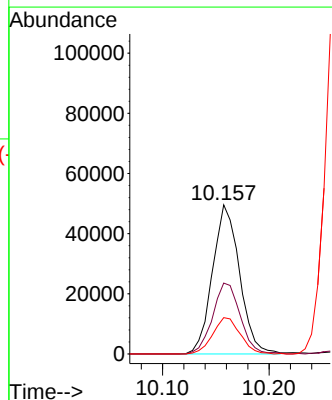
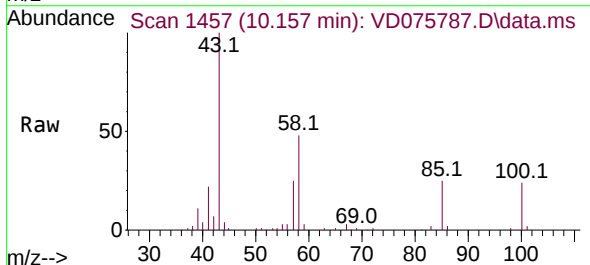
Instrument :
MSVOA_D
ClientSampleId :
BFB

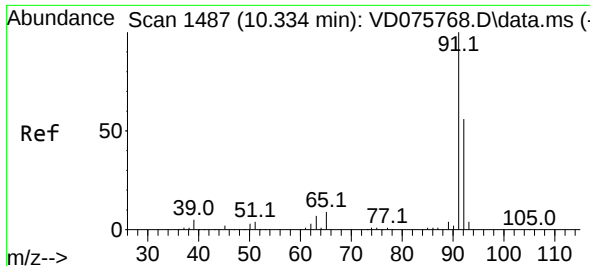
Tgt Ion: 75 Resp: 181713
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 51.904 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 43 Resp: 87513
Ion Ratio Lower Upper
43 100
58 48.0 39.1 58.7
100 24.7 19.4 29.0

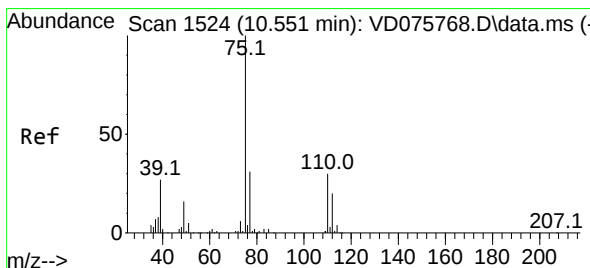
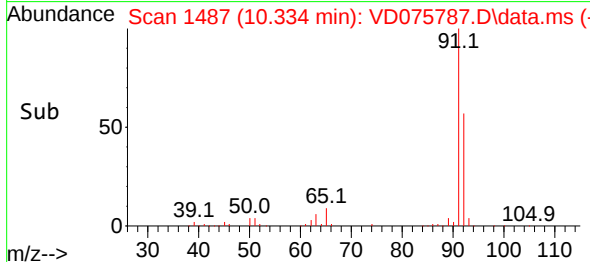
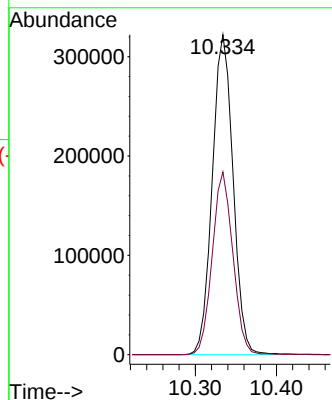
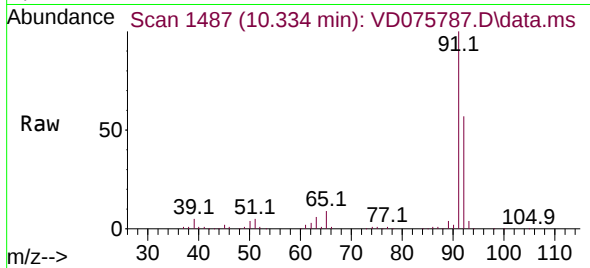




#42
Toluene
Concen: 26.343 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

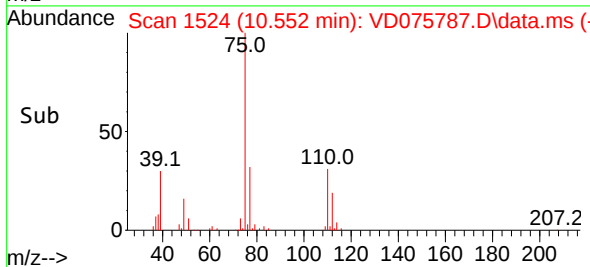
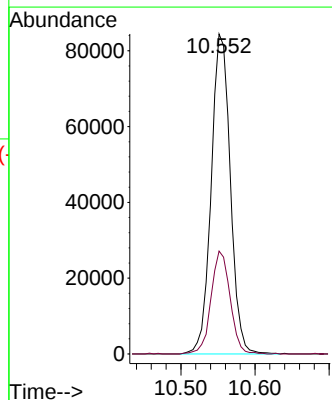
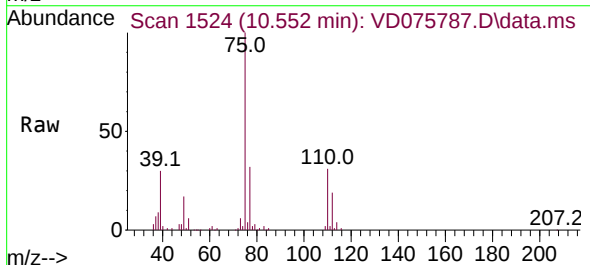
Instrument :
MSVOA_D
ClientSampleId :
BFB

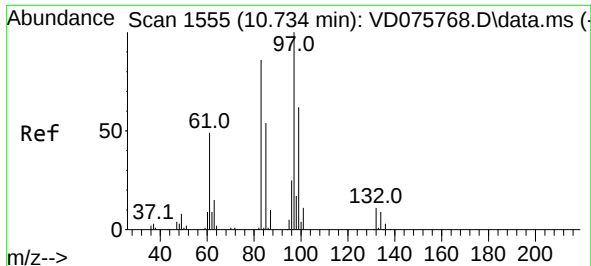
Tgt Ion: 91 Resp: 573890
Ion Ratio Lower Upper
91 100
92 57.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 25.620 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 75 Resp: 151365
Ion Ratio Lower Upper
75 100
77 32.2 22.0 41.0

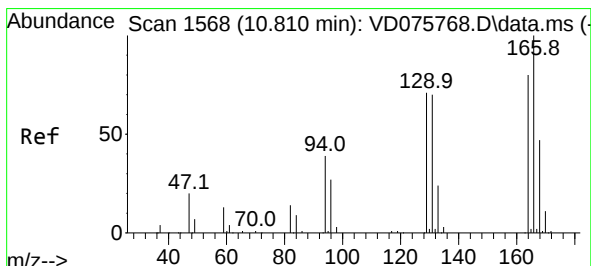
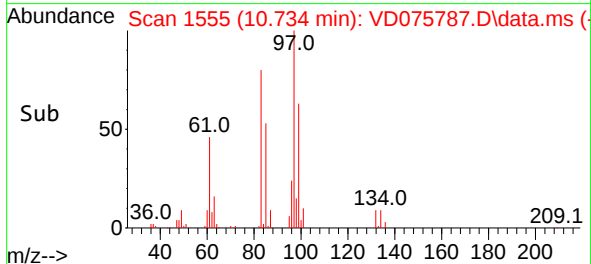
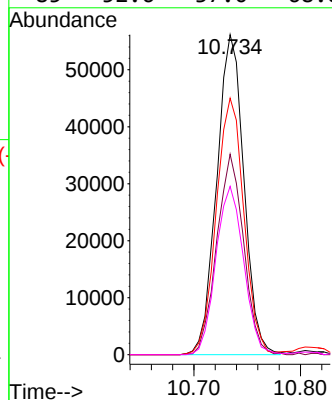
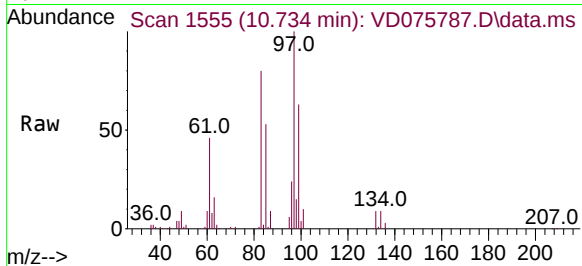




#45
1,1,2-Trichloroethane
Concen: 25.299 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

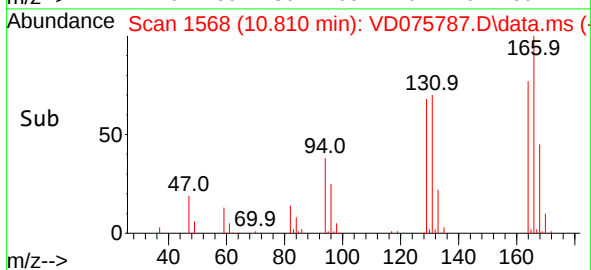
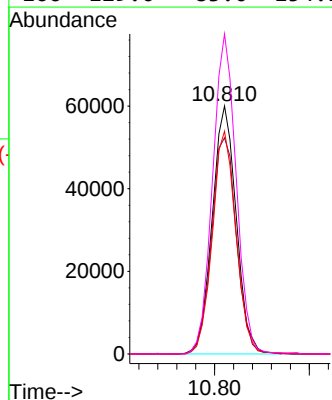
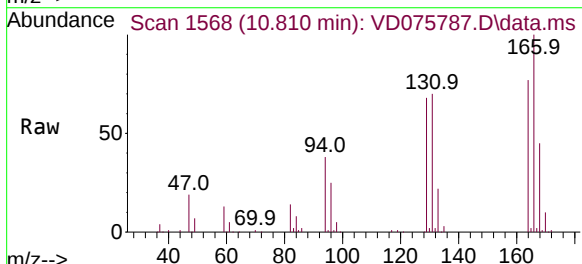
Instrument :
MSVOA_D
ClientSampleId :
BFB

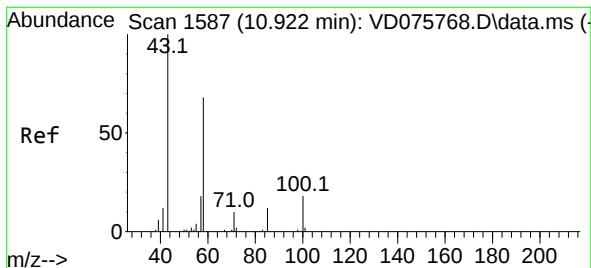
Tgt Ion:	97	Resp:	99531
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.2	78.4
83	80.2	54.8	101.8
85	52.6	37.0	68.8



#46
Tetrachloroethene
Concen: 24.743 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion:	164	Resp:	105656
Ion	Ratio	Lower	Upper
164	100		
129	87.2	60.3	112.1
131	89.8	58.9	109.3
166	129.0	83.0	154.1





#48

2-Hexanone

Concen: 53.641 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

BFB

Tgt Ion: 43 Resp: 63759

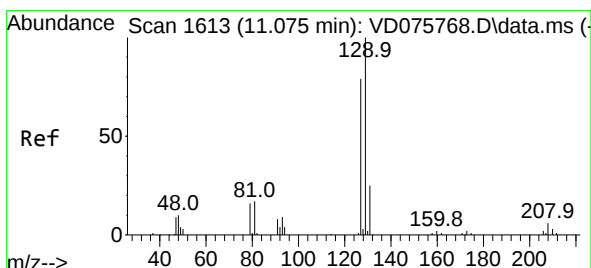
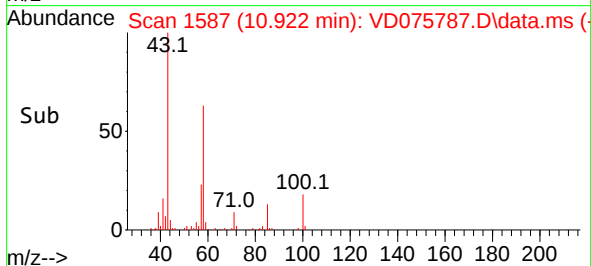
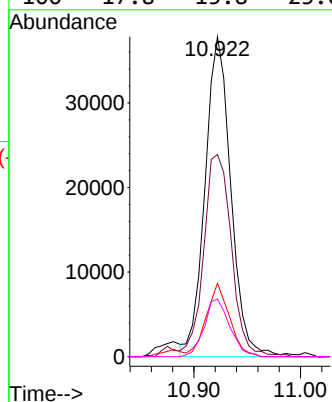
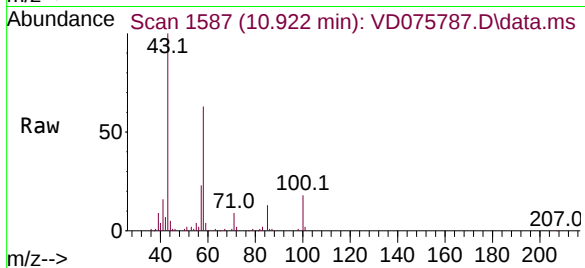
Ion Ratio Lower Upper

43 100

58 66.0 59.7 89.5

57 20.8 17.9 26.9

100 17.8 15.8 23.6



#49

Dibromochloromethane

Concen: 25.763 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075787.D

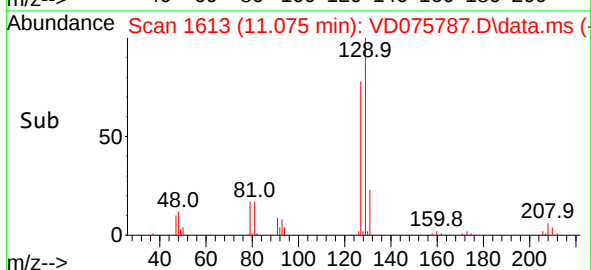
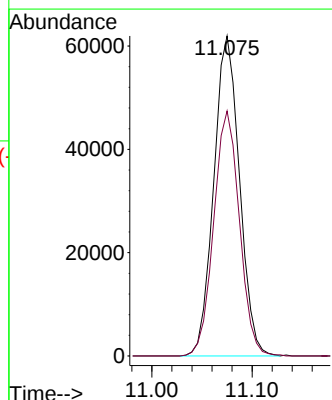
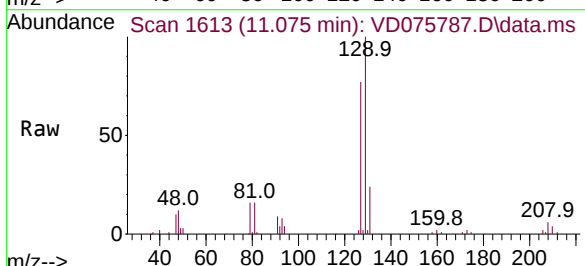
Acq: 21 Apr 2023 20:50

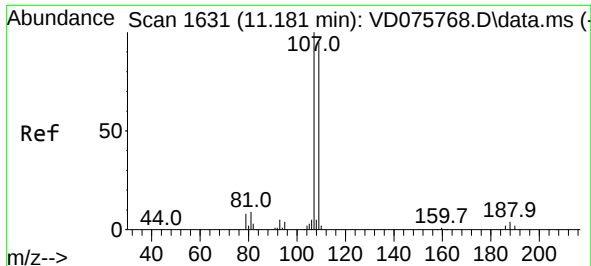
Tgt Ion: 129 Resp: 110339

Ion Ratio Lower Upper

129 100

127 76.6 55.6 103.4

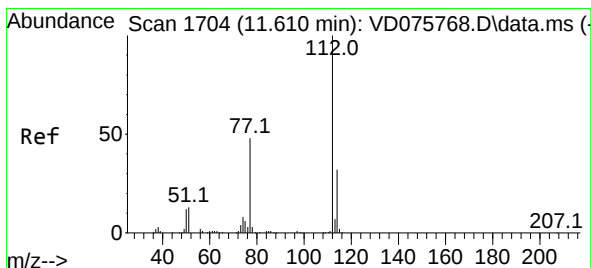
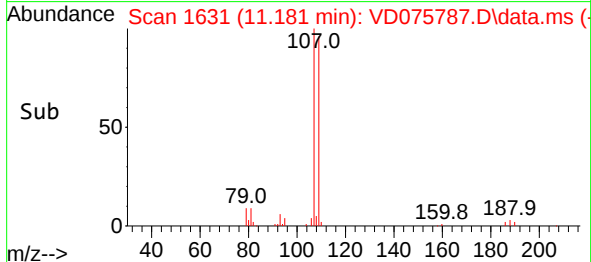
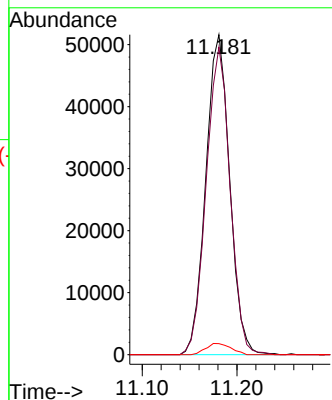
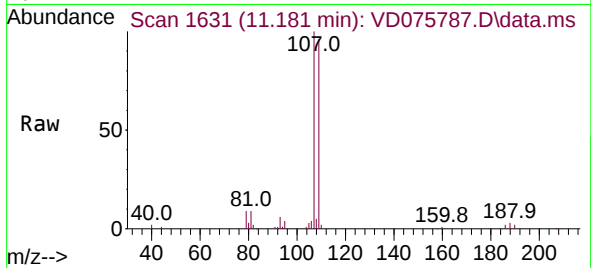




#50
1,2-Dibromoethane
Concen: 25.551 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

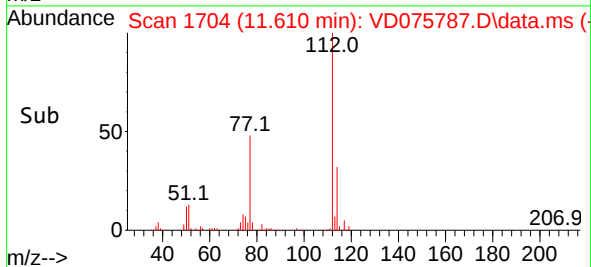
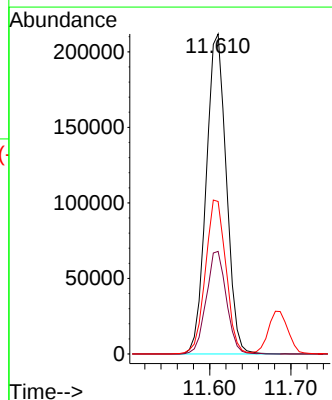
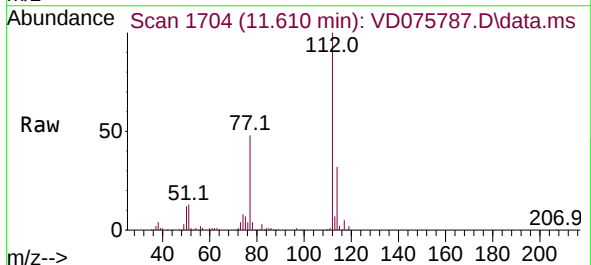
Instrument :
MSVOA_D
ClientSampleId :
BFB

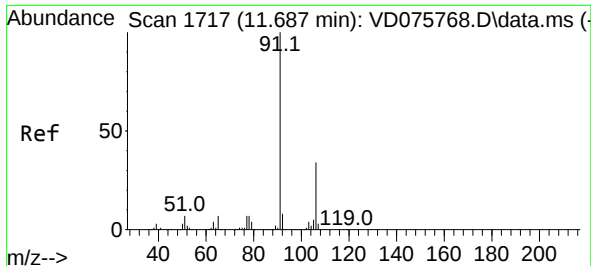
Tgt Ion:107 Resp: 90627
Ion Ratio Lower Upper
107 100
109 96.1 67.6 125.6
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 25.544 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion:112 Resp: 364061
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.8
77 47.6 39.7 59.5





#52

Ethylbenzene

Concen: 26.083 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

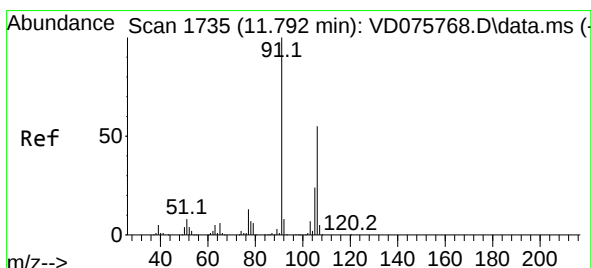
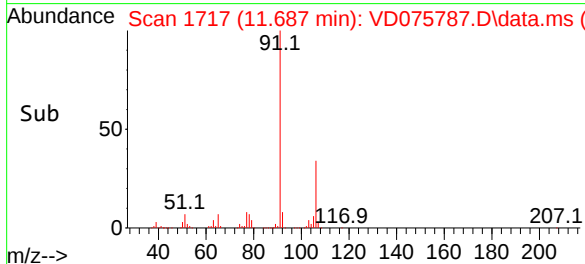
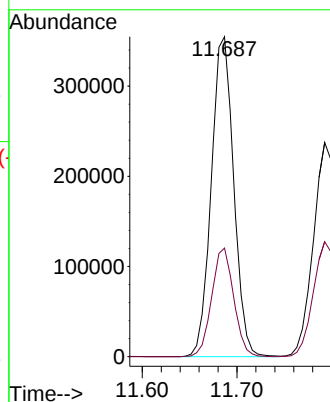
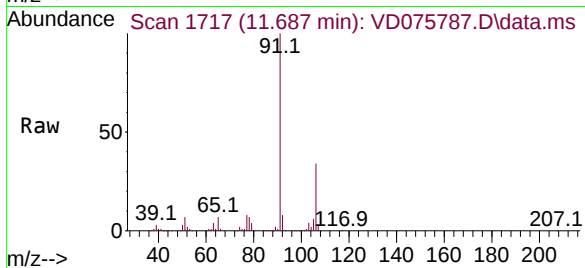
BFB

Tgt Ion: 91 Resp: 582683

Ion Ratio Lower Upper

91 100

106 34.0 23.7 43.9



#53

m,p-Xylene

Concen: 26.525 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075787.D

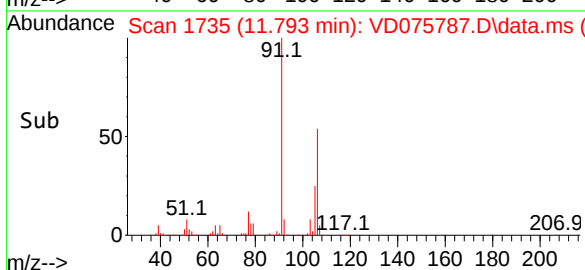
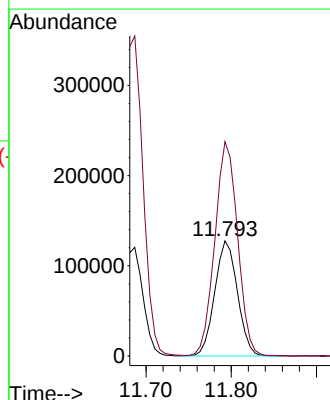
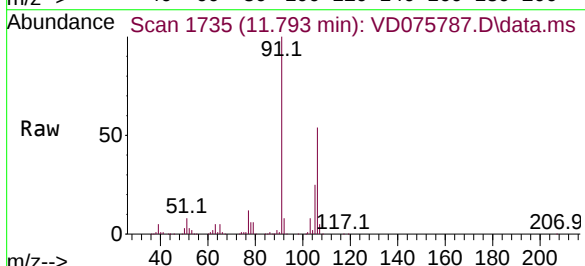
Acq: 21 Apr 2023 20:50

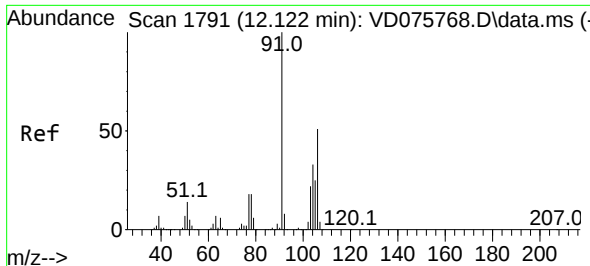
Tgt Ion:106 Resp: 235957

Ion Ratio Lower Upper

106 100

91 186.2 130.9 243.1

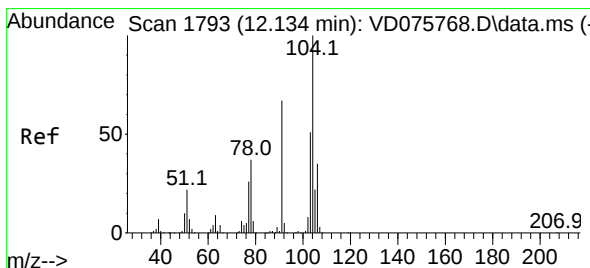
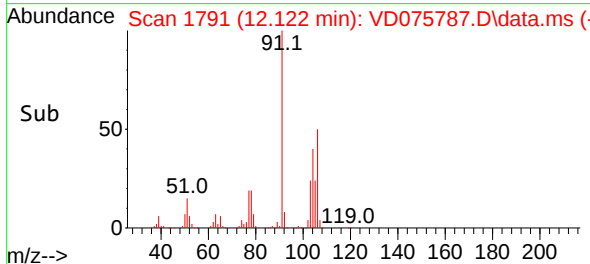
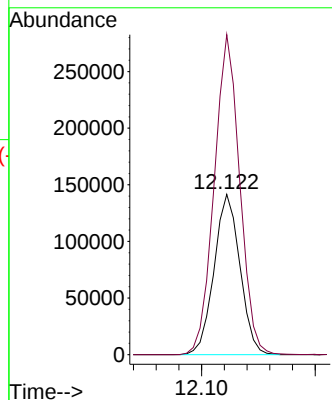
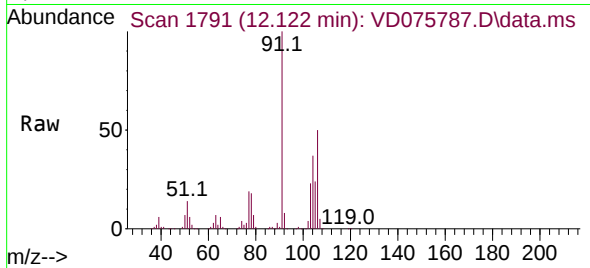




#54
o-Xylene
Concen: 26.513 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

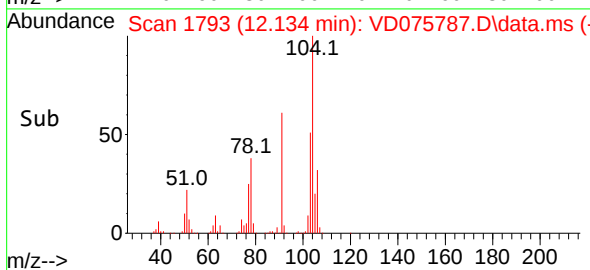
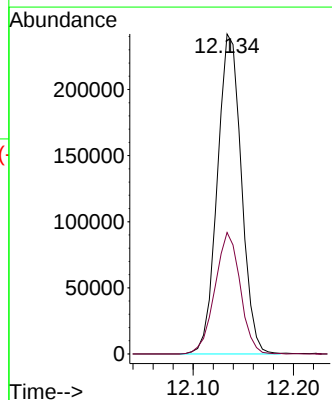
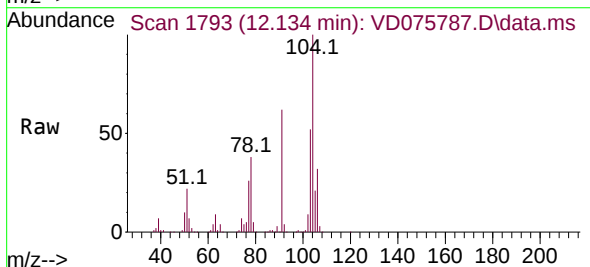
Instrument :
MSVOA_D
ClientSampleId :
BFB

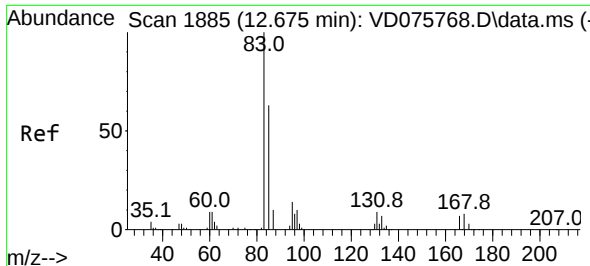
Tgt Ion:106 Resp: 224008
Ion Ratio Lower Upper
106 100
91 199.5 139.8 259.6



#55
Styrene
Concen: 27.350 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion:104 Resp: 402196
Ion Ratio Lower Upper
104 100
78 38.0 26.2 48.6

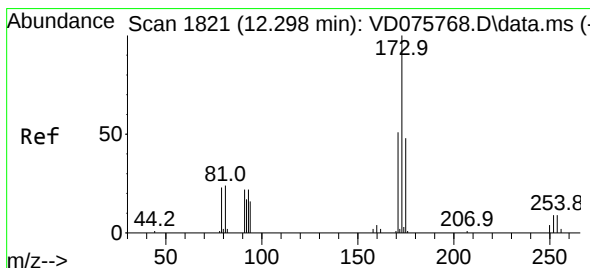
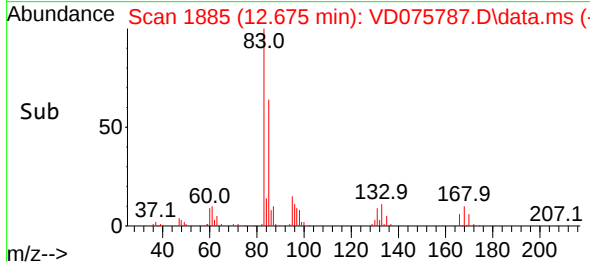
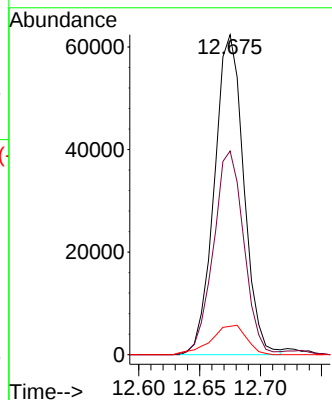
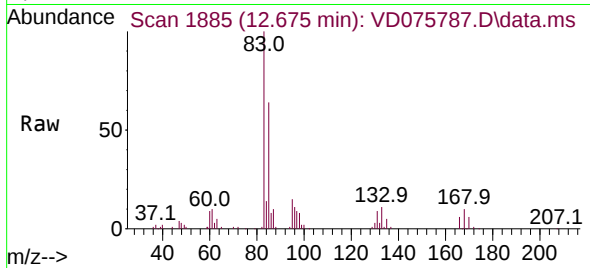




#57
1,1,2,2-Tetrachloroethane
Concen: 26.150 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

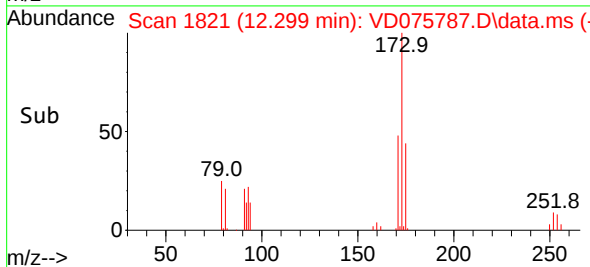
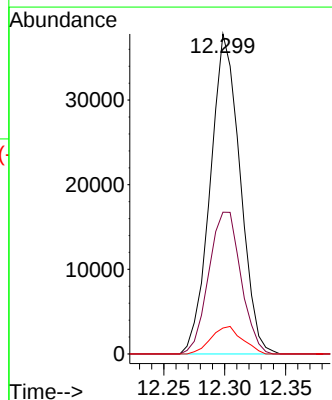
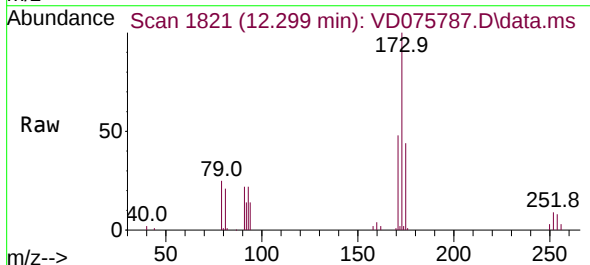
Instrument :
MSVOA_D
ClientSampleId :
BFB

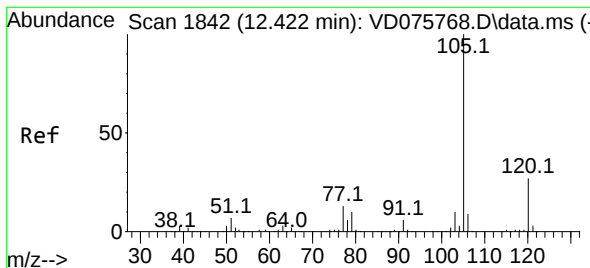
Tgt Ion: 83 Resp: 104678
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 8.8 7.0 10.6



#59
Bromoform
Concen: 24.920 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 173 Resp: 64368
Ion Ratio Lower Upper
173 100
175 47.9 39.4 59.0
254 9.0 7.4 11.2





#60

Isopropylbenzene

Concen: 25.324 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

BFB

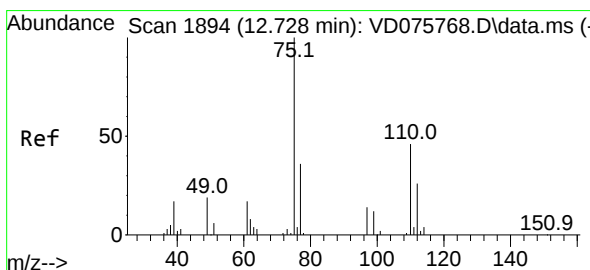
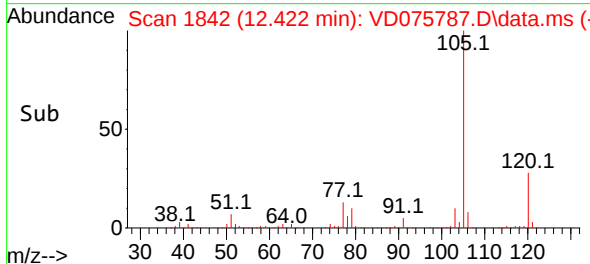
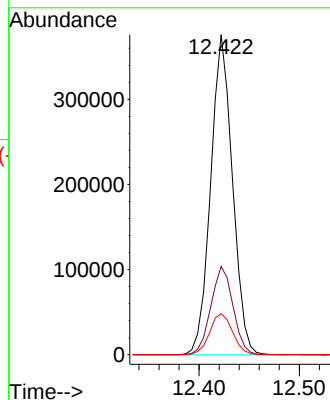
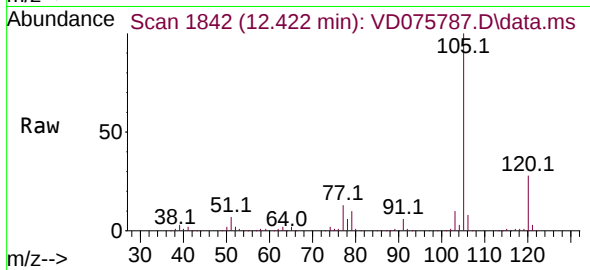
Tgt Ion:105 Resp: 565923

Ion Ratio Lower Upper

105 100

120 28.0 22.7 34.1

77 13.5 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.017 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075787.D

Acq: 21 Apr 2023 20:50

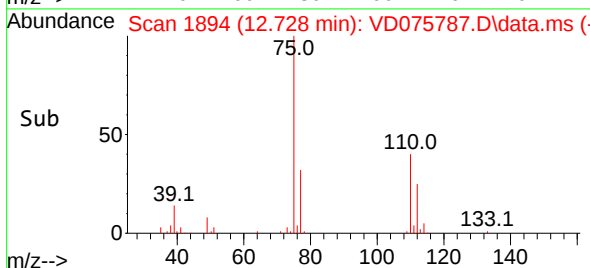
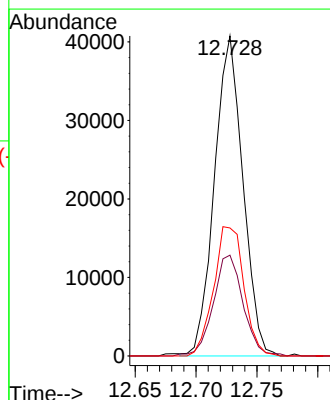
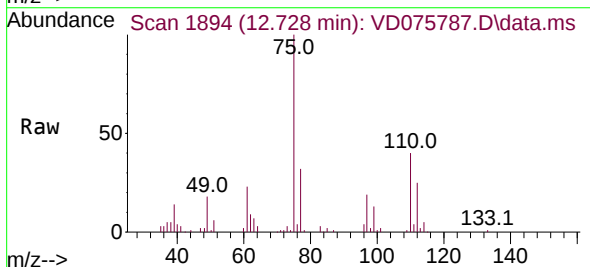
Tgt Ion: 75 Resp: 66233

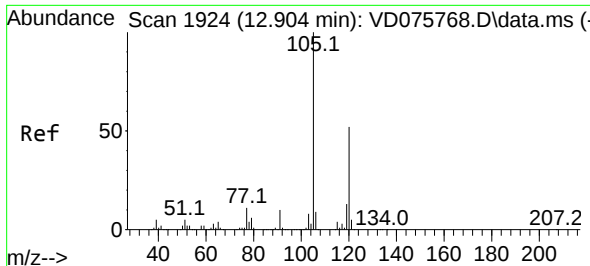
Ion Ratio Lower Upper

75 100

77 32.9 26.6 39.8

110 42.8 33.5 50.3

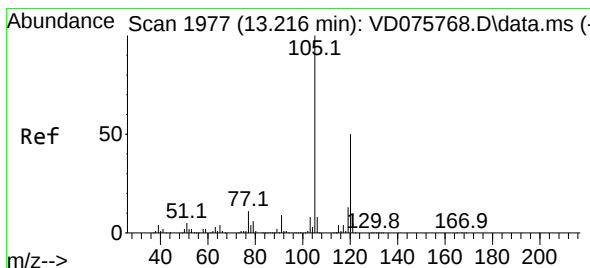
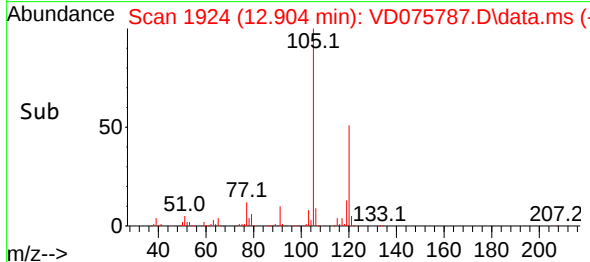
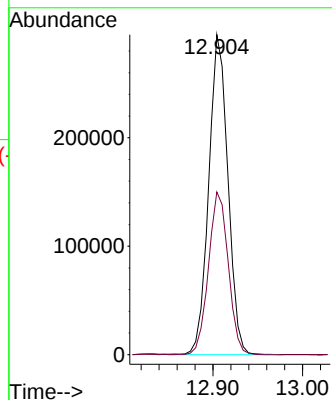
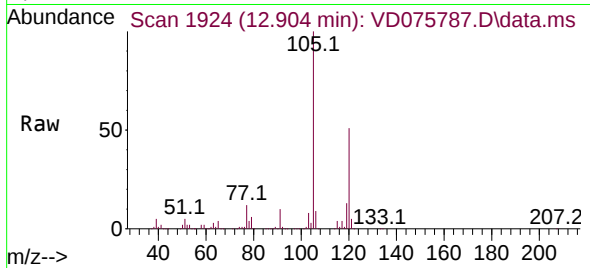




#62
1,3,5-Trimethylbenzene
Concen: 26.238 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

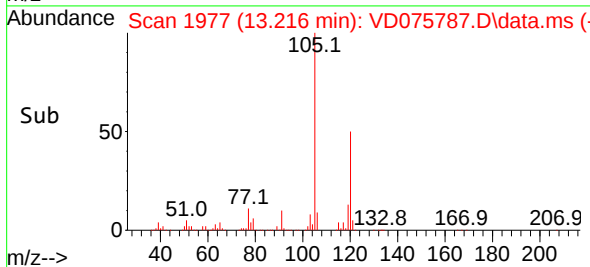
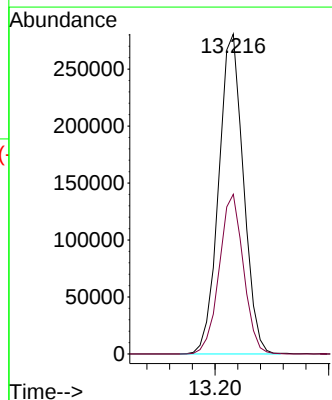
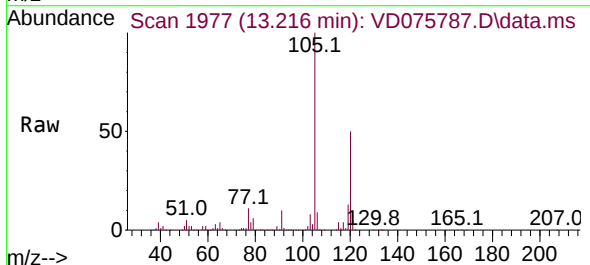
Instrument :
MSVOA_D
ClientSampleId :
BFB

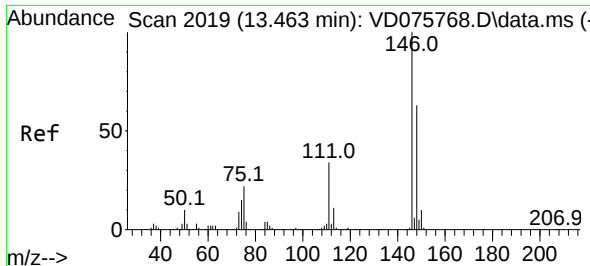
Tgt Ion:105 Resp: 437226
Ion Ratio Lower Upper
105 100
120 52.4 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 26.393 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion:105 Resp: 423972
Ion Ratio Lower Upper
105 100
120 48.8 39.0 58.6

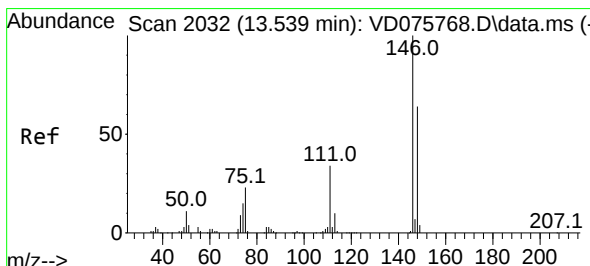
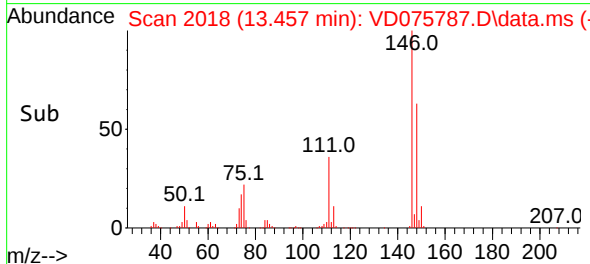
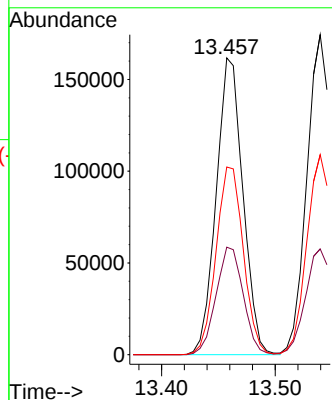
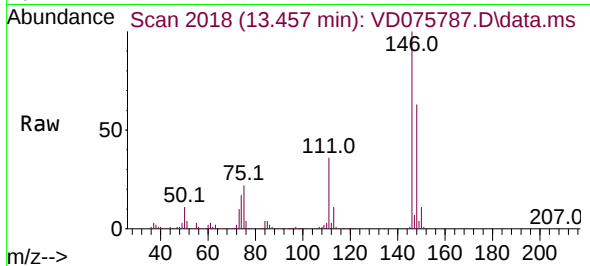




#64
1,3-Dichlorobenzene
Concen: 24.765 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

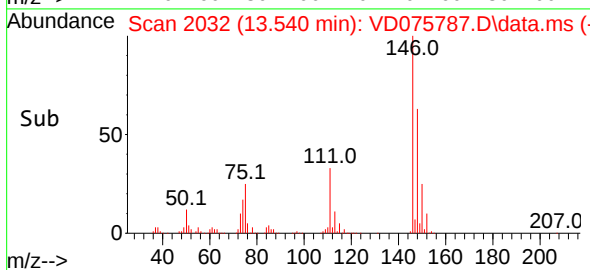
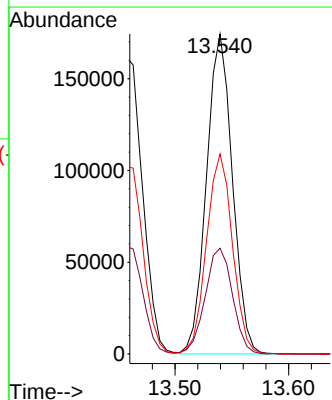
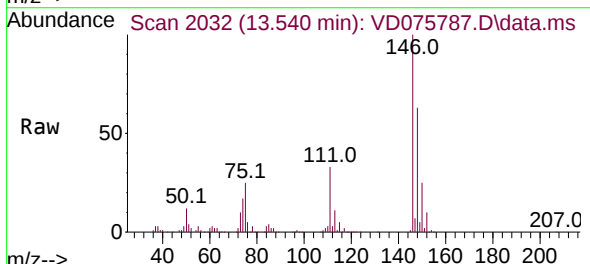
Instrument :
MSVOA_D
ClientSampleId :
BFB

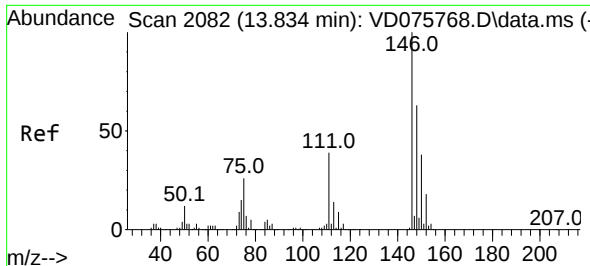
Tgt Ion:146 Resp: 264804
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.1
148 63.2 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.631 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion:146 Resp: 276416
Ion Ratio Lower Upper
146 100
111 33.0 24.6 45.8
148 62.5 44.4 82.4

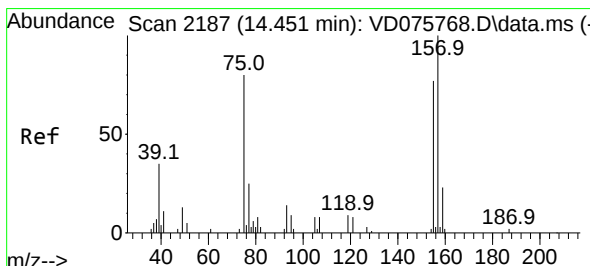
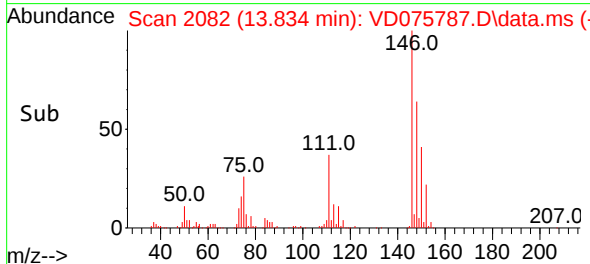
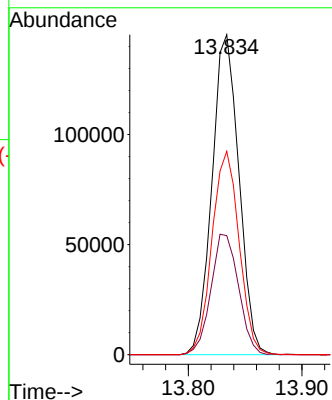
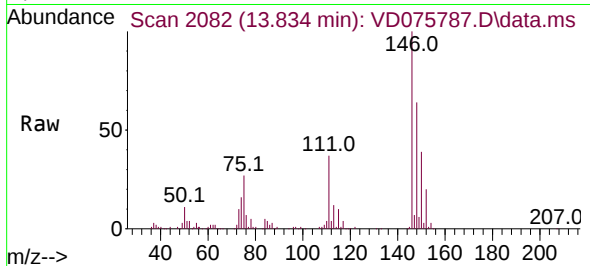




#67
1,2-Dichlorobenzene
Concen: 25.095 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

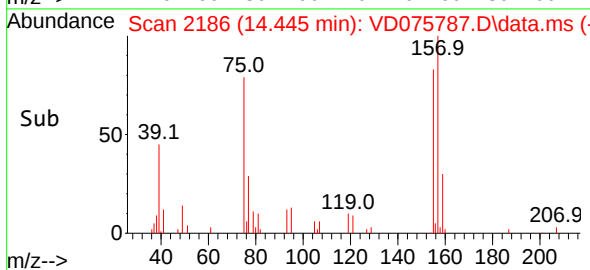
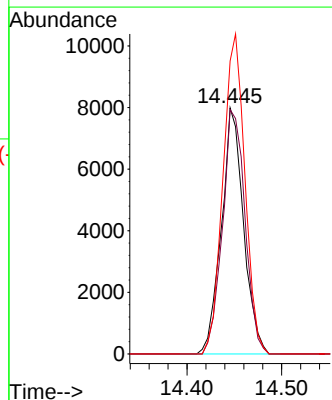
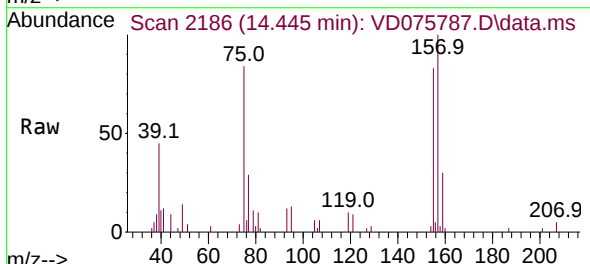
Instrument :
MSVOA_D
ClientSampleId :
BFB

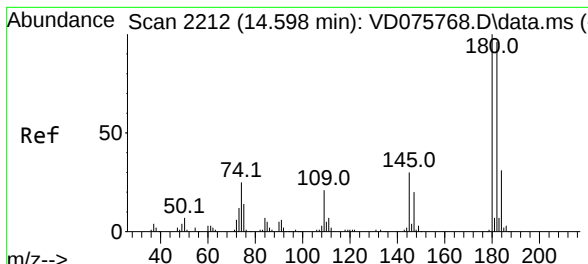
Tgt Ion:146 Resp: 239625
Ion Ratio Lower Upper
146 100
111 37.2 30.6 46.0
148 63.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 24.536 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion: 75 Resp: 12986
Ion Ratio Lower Upper
75 100
155 99.3 74.6 111.8
157 119.1 109.4 164.2

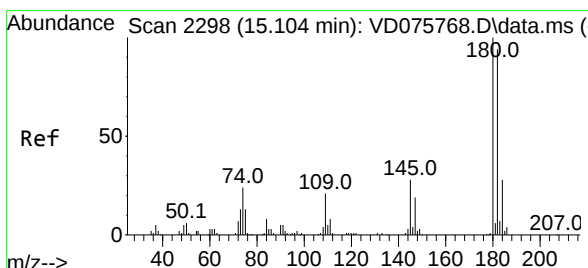
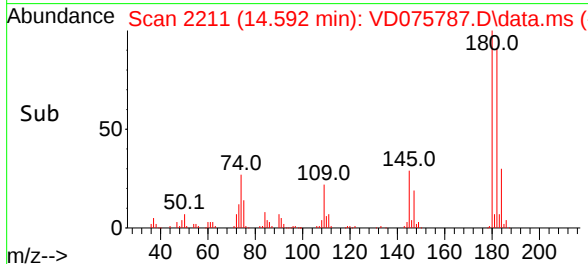
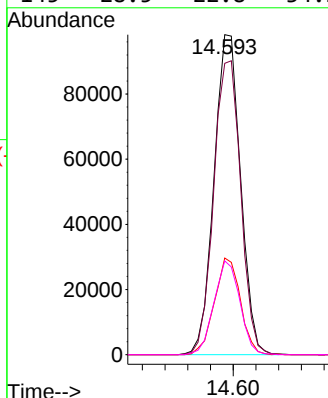
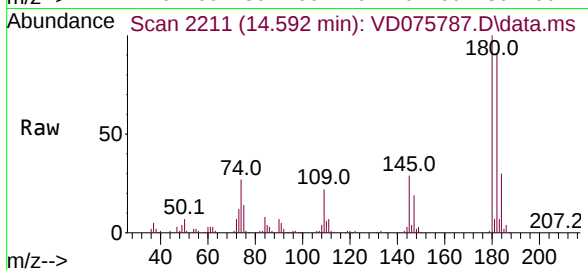




#69
 1,3,5-Trichlorobenzene
 Concen: 22.262 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075787.D
 Acq: 21 Apr 2023 20:50

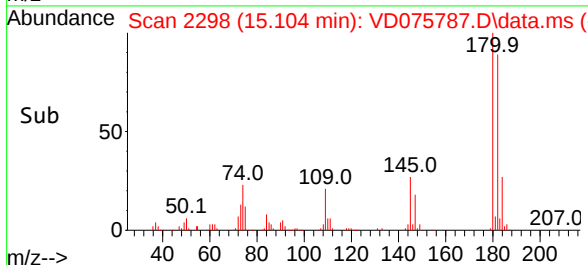
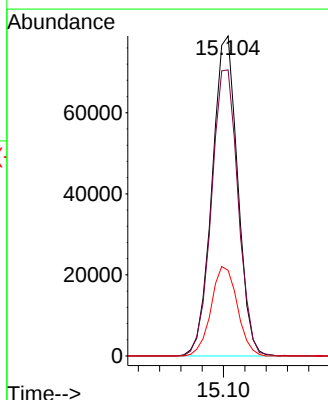
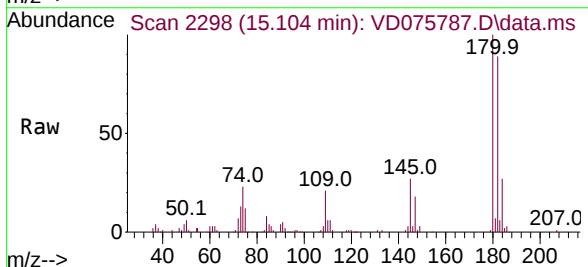
Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

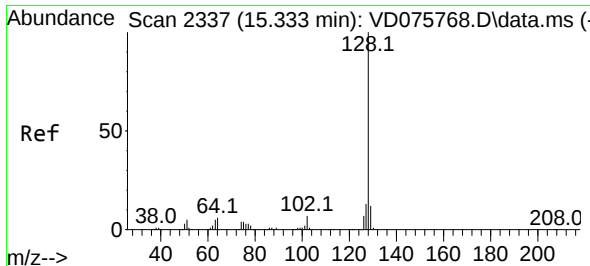
Tgt Ion:180	Resp:	159549
Ion Ratio	Lower	Upper
180	100	
182	93.4	74.9 112.3
184	29.5	25.0 37.4
145	28.5	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 22.118 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075787.D
 Acq: 21 Apr 2023 20:50

Tgt Ion:180	Resp:	131363
Ion Ratio	Lower	Upper
180	100	
182	93.0	75.4 113.2
145	28.7	23.6 35.4

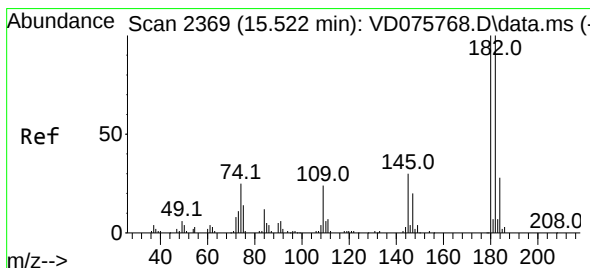
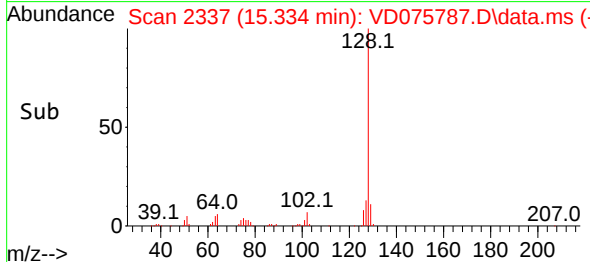
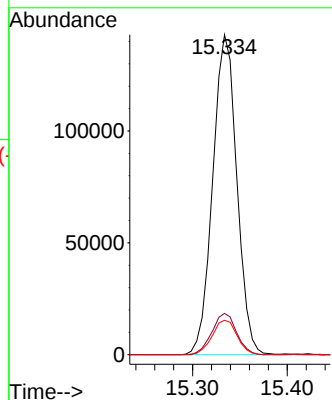
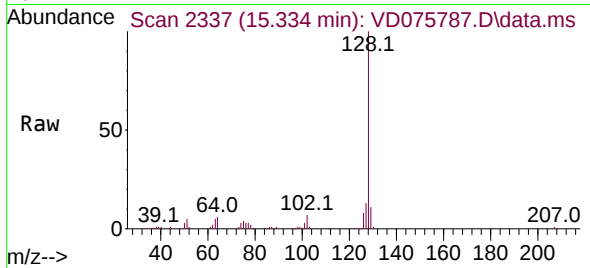




#71
Naphthalene
Concen: 23.267 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion:128	Resp: 252888
Ion Ratio	Lower Upper
128 100	
127 13.2	10.5 15.7
129 11.1	9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 22.769 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075787.D
Acq: 21 Apr 2023 20:50

Tgt Ion:180	Resp: 120713
Ion Ratio	Lower Upper
180 100	
182 95.1	76.3 114.5
145 31.4	25.0 37.6

