

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : PPB.D
 Acq On : 31 Jan 2024 16:19
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 01 03:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	208432	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	86603	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	15831	2.692	ug/L	0.00
7) Chloroethane-d5	2.805	69	12892	2.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	2522	1.698	ug/L	0.00
21) 2-Butanone-d5	6.981	46	1326	1.743	ug/L	0.00
24) Chloroform-d	7.569	84	15105	2.611	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.222	65	7953	2.698	ug/L	-0.01
32) Benzene-d6	8.199	84	30710	2.474	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	9546	2.528	ug/L	0.00
41) Toluene-d8	10.269	98	26353	2.319	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	4563	2.702	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	3326	4.823	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	8513	2.934	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	7817	2.480	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	11117	3.140	ug/L	94
3) Chloromethane	2.152	50	15932	3.122	ug/L	97
5) Vinyl chloride	2.287	62	18244	2.895	ug/L	97
6) Bromomethane	2.693	94	6873	2.122	ug/L	83
8) Chloroethane	2.840	64	11960	3.023	ug/L	92
9) Trichlorofluoromethane	3.169	101	13959	2.661	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	8395	2.715	ug/L	97
12) 1,1-Dichloroethene	3.934	96	7744	2.652	ug/L #	69
13) Acetone	4.058	43	480	0.478	ug/L	85
14) Carbon disulfide	4.275	76	28085	2.708	ug/L	97
15) Methyl Acetate	4.563	43	3949	2.783	ug/L #	88
16) Methylene chloride	4.810	84	12233	3.175	ug/L	78
17) trans-1,2-Dichloroethene	5.340	96	1448	0.469	ug/L	80
18) Methyl tert-butyl Ether	5.310	73	15554	2.254	ug/L #	71
19) 1,1-Dichloroethane	6.105	63	6965	1.216	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	8271	2.409	ug/L	83
22) 2-Butanone	7.128	43	425	0.373	ug/L	97
23) Bromochloromethane	7.422	128	2636	1.803	ug/L	82
25) Chloroform	7.599	83	16584	2.888	ug/L	94
27) 1,2-Dichloroethane	8.322	62	9895	2.741	ug/L #	90
29) Cyclohexane	7.881	56	11066	2.080	ug/L	98
30) 1,1,1-Trichloroethane	7.787	97	12639	2.484	ug/L	99
31) Carbon tetrachloride	7.993	117	10113	2.275	ug/L	89
33) Benzene	8.257	78	32517	2.382	ug/L	100
34) Trichloroethene	9.028	95	8293	2.458	ug/L	88
35) Methylcyclohexane	9.275	83	12687	2.166	ug/L	97
37) 1,2-Dichloropropane	9.304	63	9092	2.568	ug/L #	95
38) Bromodichloromethane	9.587	83	11900	2.709	ug/L	86
39) cis-1,3-Dichloropropene	10.016	75	12266	2.206	ug/L	93
40) 4-Methyl-2-pentanone	10.163	43	8729	4.254	ug/L	93
42) Toluene	10.334	91	31634	2.193	ug/L	97
44) trans-1,3-Dichloropropene	10.551	75	10734	2.284	ug/L	93

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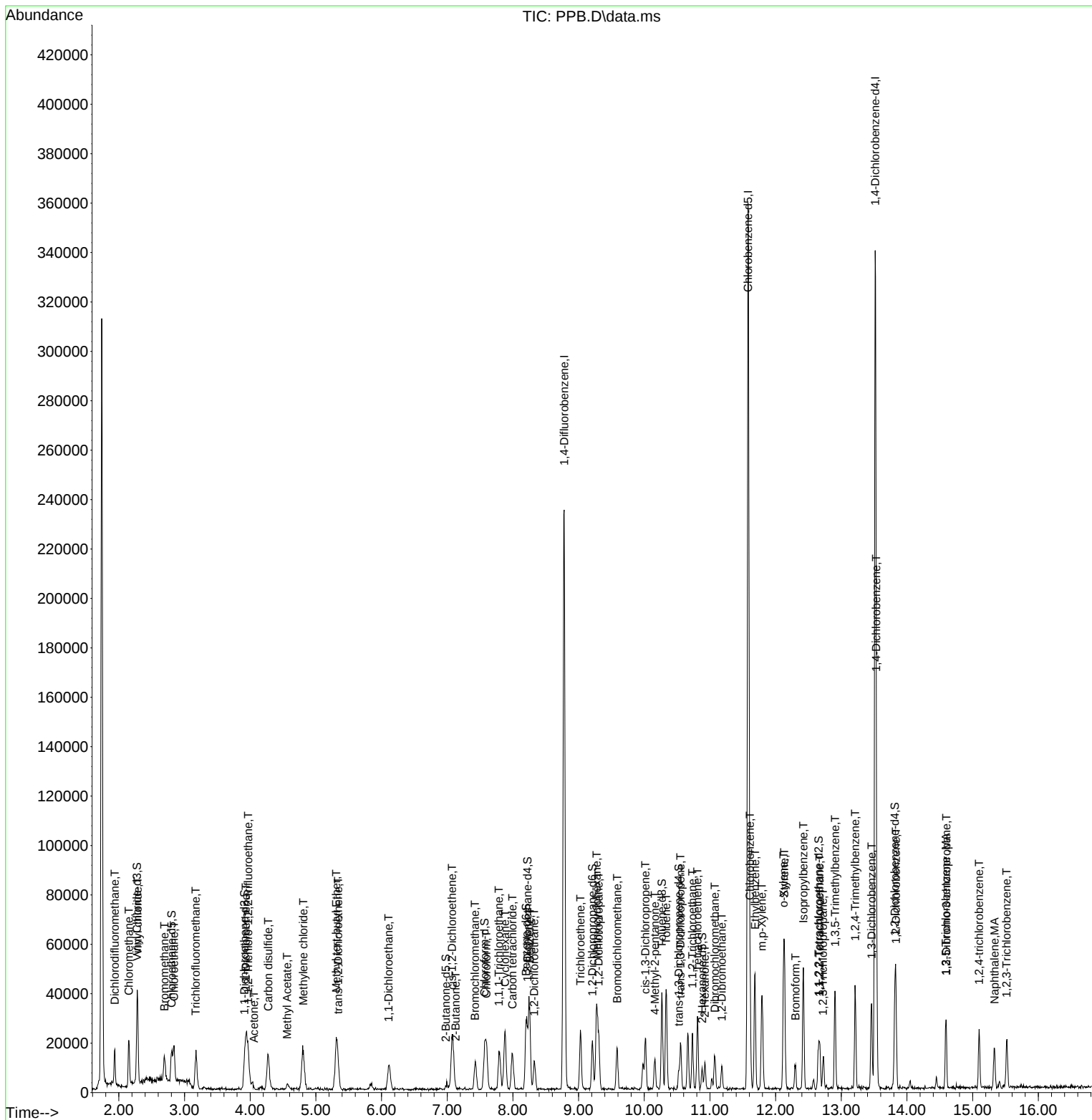
Quant Time: Feb 01 03:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
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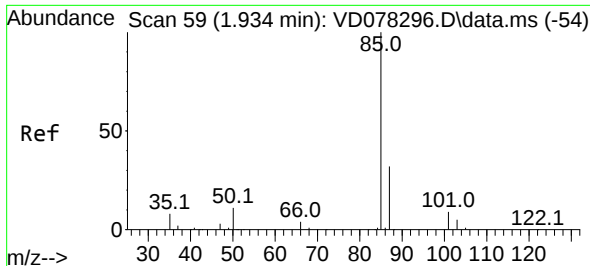
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	6978	2.788	ug/L	92
46) Tetrachloroethene	10.810	164	5927	2.251	ug/L	92
48) 2-Hexanone	10.922	43	6249	3.623	ug/L	98
49) Dibromochloromethane	11.075	129	6938	2.365	ug/L	89
50) 1,2-Dibromoethane	11.181	107	6572	2.718	ug/L #	98
51) Chlorobenzene	11.610	112	21040	2.343	ug/L	95
52) Ethylbenzene	11.687	91	33782	2.127	ug/L	98
53) m,p-Xylene	11.792	106	13240	2.207	ug/L	87
54) o-Xylene	12.122	106	12221	2.125	ug/L	92
55) Styrene	12.134	104	20139	1.988	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	8286	2.742	ug/L #	91
59) Bromoform	12.304	173	4025	2.643	ug/L #	36
60) Isopropylbenzene	12.422	105	30292	2.298	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	5190	2.929	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	21400	2.150	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	22215	2.202	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	14015	2.450	ug/L	87
65) 1,4-Dichlorobenzene	13.534	146	15483	2.592	ug/L	88
67) 1,2-Dichlorobenzene	13.834	146	13328	2.558	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.598	75	1352	3.327	ug/L #	5
69) 1,3,5-Trichlorobenzene	14.592	180	9122	2.382	ug/L	91
70) 1,2,4-trichlorobenzene	15.098	180	6987	2.146	ug/L	98
71) Naphthalene	15.333	128	14409	2.278	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	6449	2.220	ug/L	94

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

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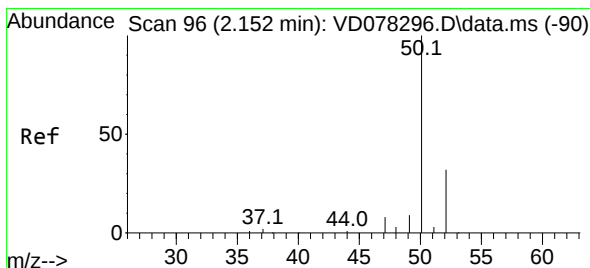
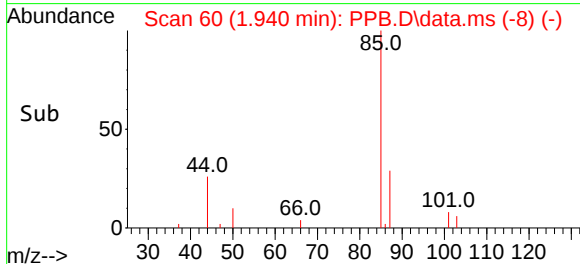
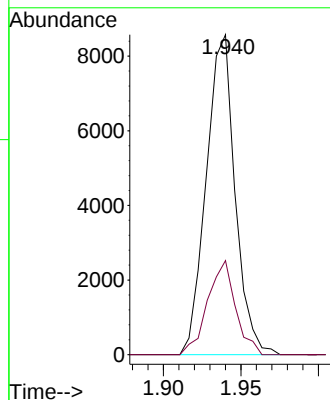
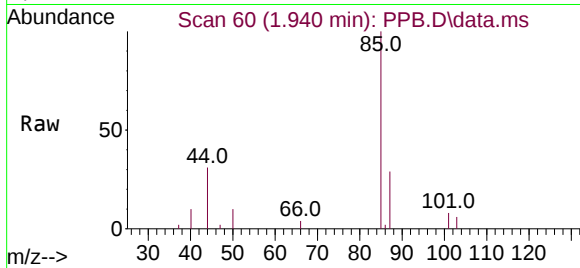




#2
 Dichlorodifluoromethane
 Concen: 3.140 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: PPB.D
 Acq: 31 Jan 2024 16:19

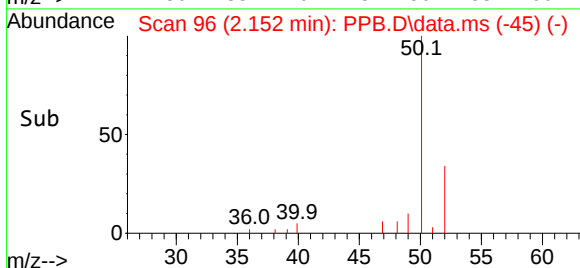
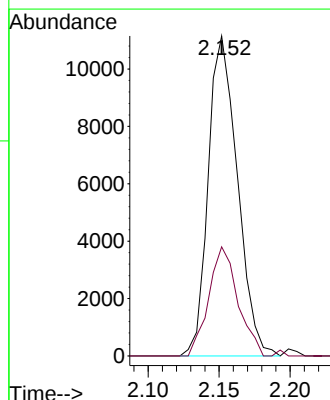
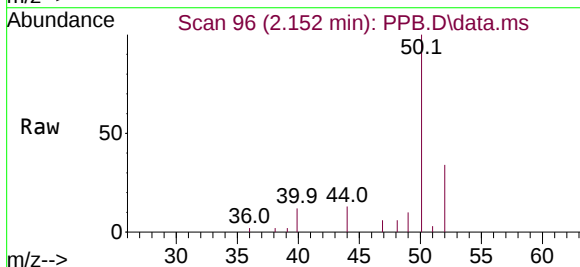
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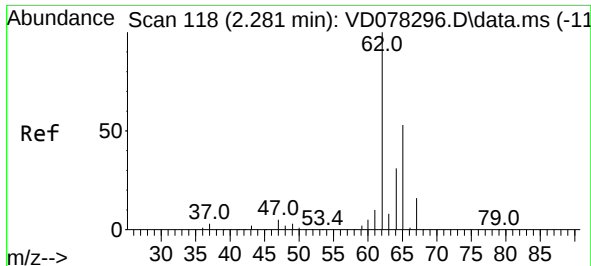
Tgt Ion: 85 Resp: 11117
 Ion Ratio Lower Upper
 85 100
 87 28.4 25.3 37.9



#3
 Chloromethane
 Concen: 3.122 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: PPB.D
 Acq: 31 Jan 2024 16:19

Tgt Ion: 50 Resp: 15932
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.7 42.3

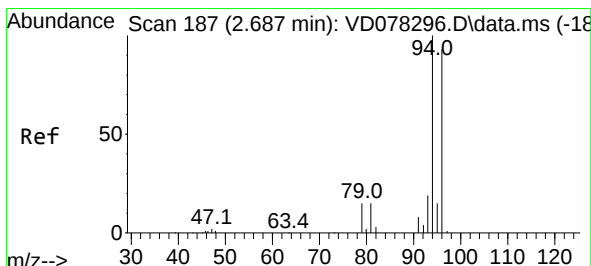
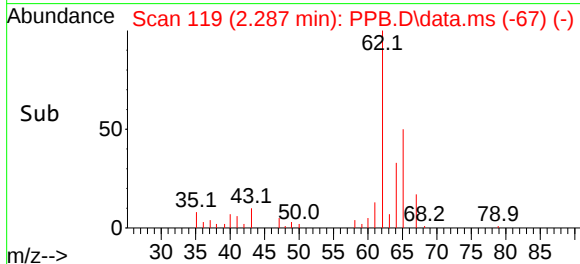
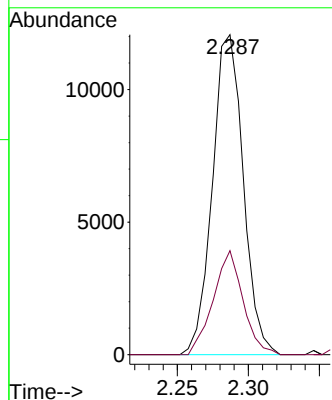
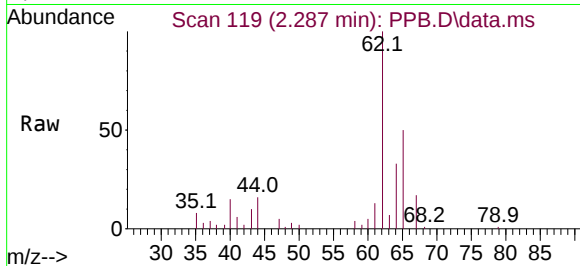




#5
 Vinyl chloride
 Concen: 2.895 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: PPB.D
 Acq: 31 Jan 2024 16:19

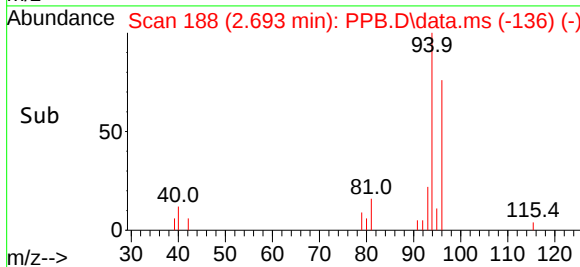
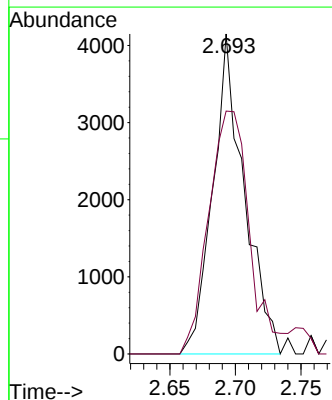
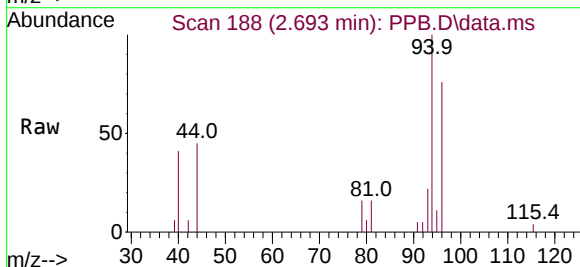
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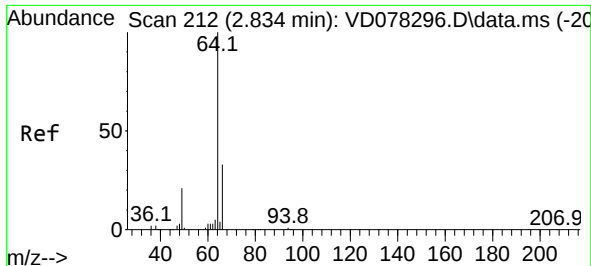
Tgt Ion: 62 Resp: 18244
 Ion Ratio Lower Upper
 62 100
 64 32.5 21.7 40.3



#6
 Bromomethane
 Concen: 2.122 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: PPB.D
 Acq: 31 Jan 2024 16:19

Tgt Ion: 94 Resp: 6873
 Ion Ratio Lower Upper
 94 100
 96 75.9 64.8 120.4

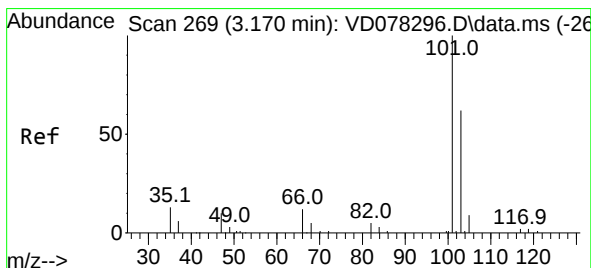
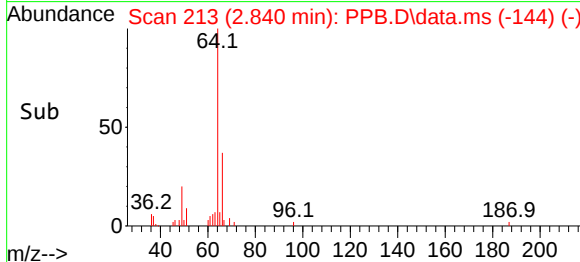
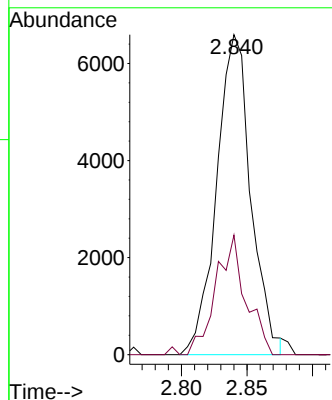
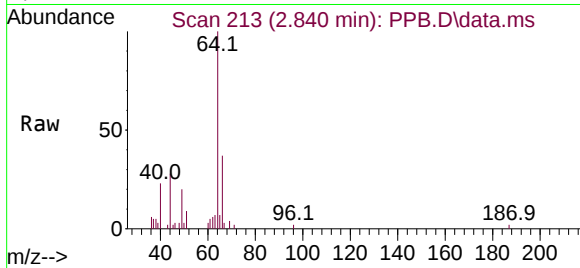




#8
Chloroethane
Concen: 3.023 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

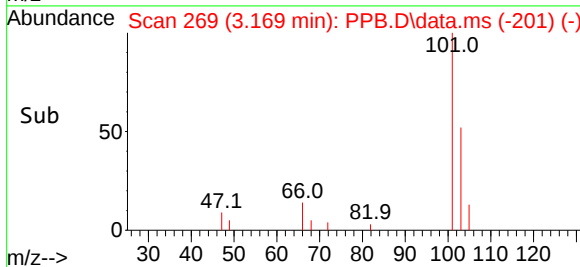
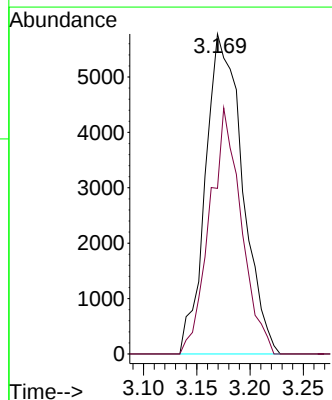
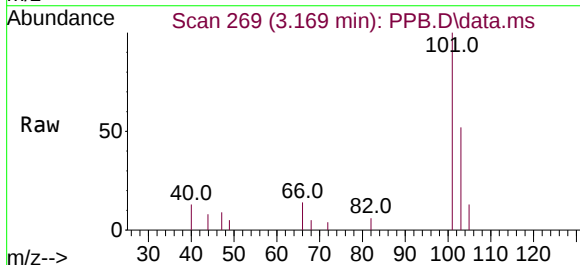
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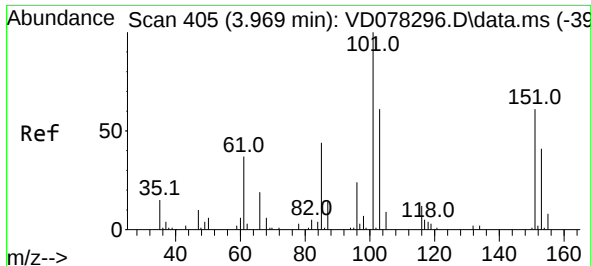
Tgt Ion: 64 Resp: 11960
Ion Ratio Lower Upper
64 100
66 37.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 2.661 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion: 101 Resp: 13959
Ion Ratio Lower Upper
101 100
103 65.6 51.1 76.7

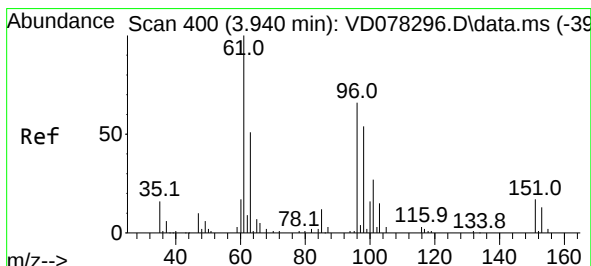
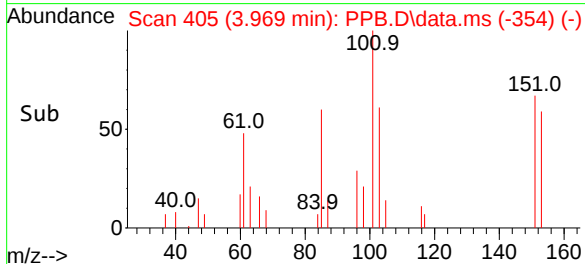
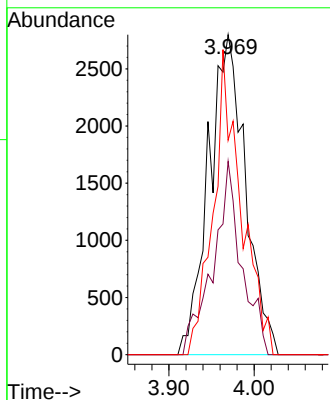
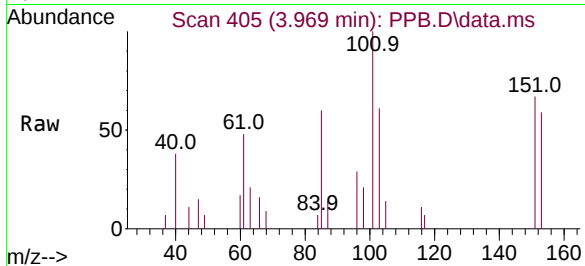




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.715 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: PPB.D
 Acq: 31 Jan 2024 16:19

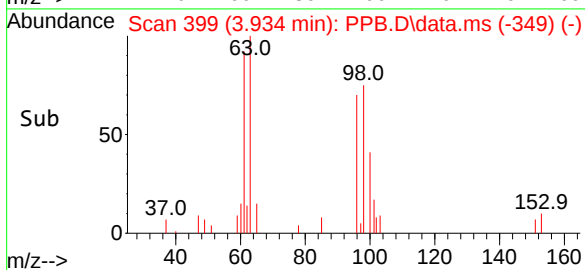
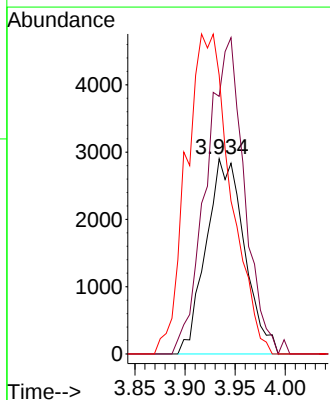
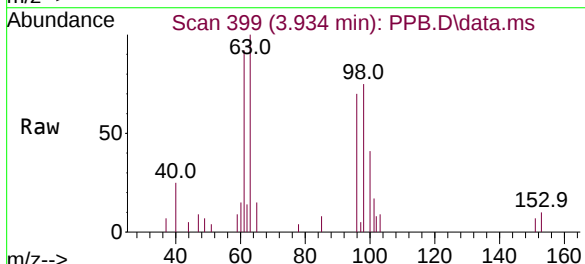
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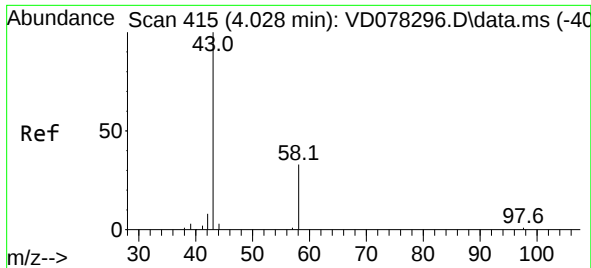
Tgt Ion:101 Resp: 8395
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.6 51.8
 151 71.8 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 2.652 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: PPB.D
 Acq: 31 Jan 2024 16:19

Tgt Ion: 96 Resp: 7744
 Ion Ratio Lower Upper
 96 100
 61 132.0 108.8 202.2
 63 142.9 65.2 121.0#





#13

Acetone

Concen: 0.478 ug/L

RT: 4.058 min Scan# 41

Delta R.T. 0.029 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

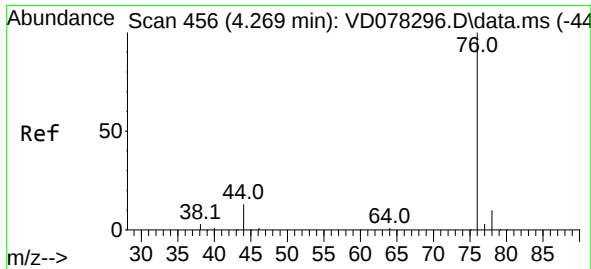
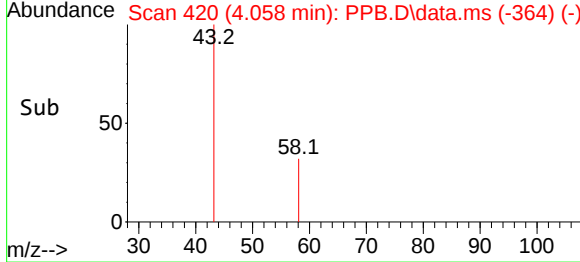
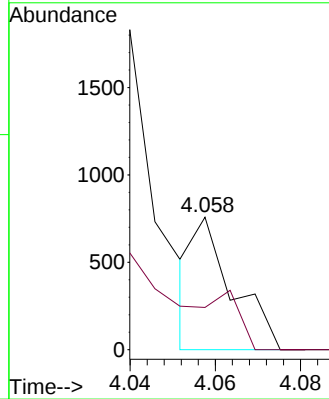
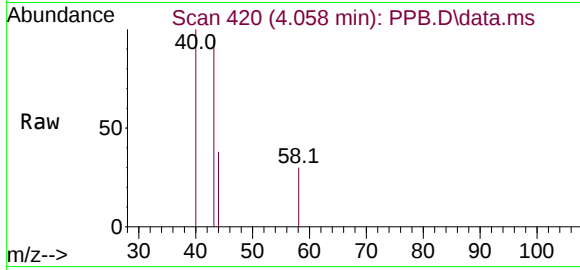
ClientSampleId :

Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

58 25.0 0.0 67.2



#14

Carbon disulfide

Concen: 2.708 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: PPB.D

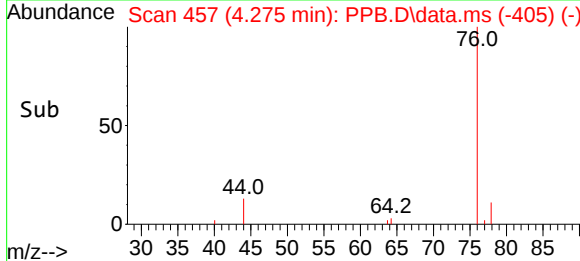
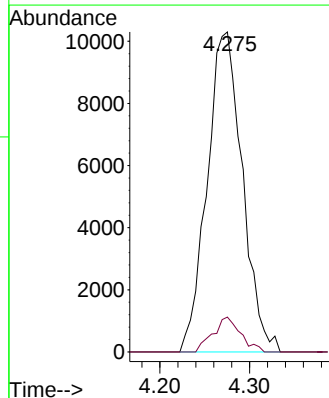
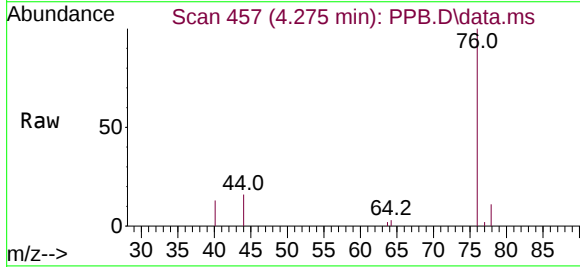
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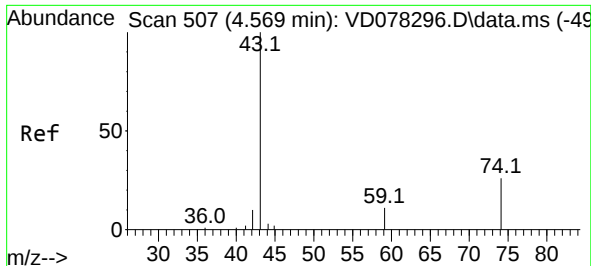
Tgt Ion: 76 Resp: 28085

Ion Ratio Lower Upper

76 100

78 10.9 7.8 11.8

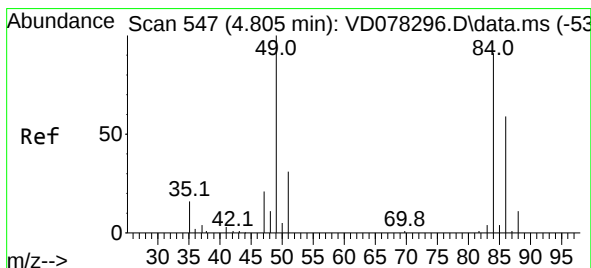
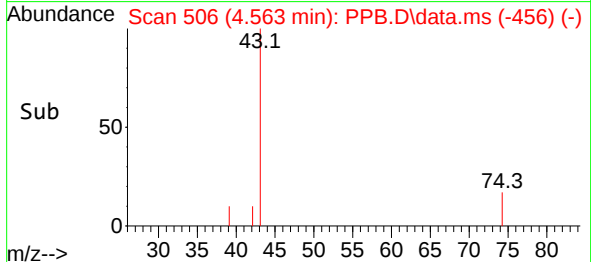
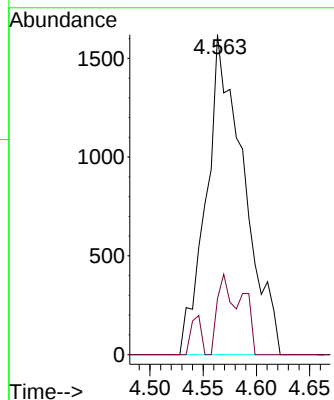
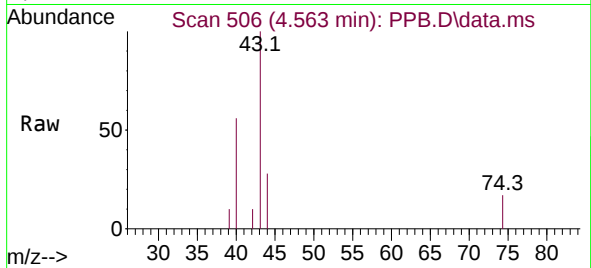




#15
Methyl Acetate
Concen: 2.783 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

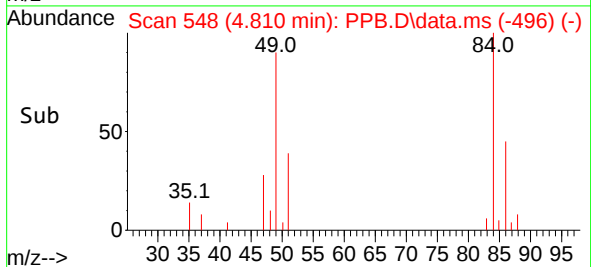
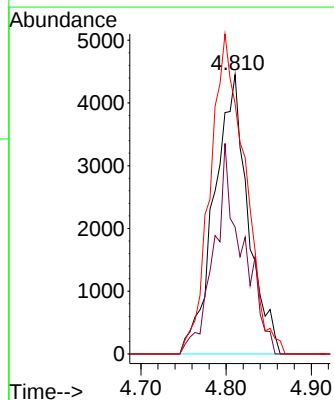
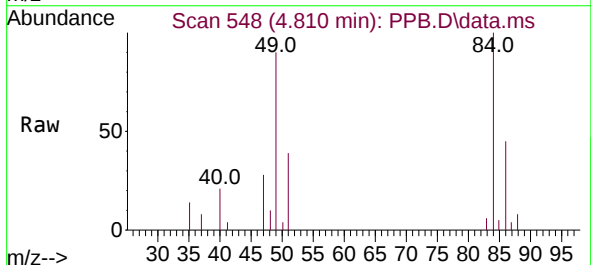
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MSVOA_D
ClientSampleId :

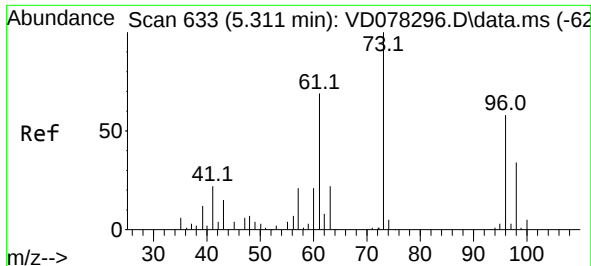
Tgt Ion: 43 Resp: 3949
Ion Ratio Lower Upper
43 100
74 10.6 12.7 19.1#



#16
Methylene chloride
Concen: 3.175 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion: 84 Resp: 12233
Ion Ratio Lower Upper
84 100
86 45.4 45.4 84.2
49 89.6 77.3 143.7

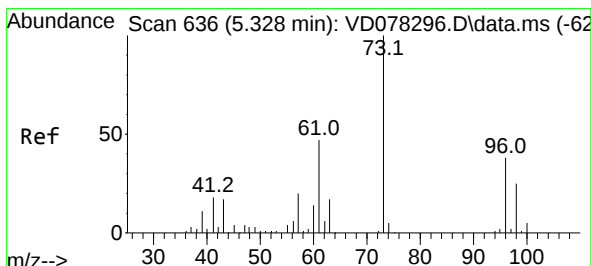
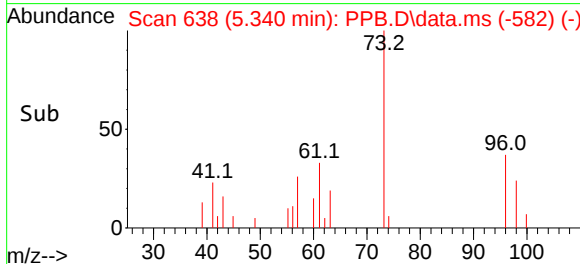
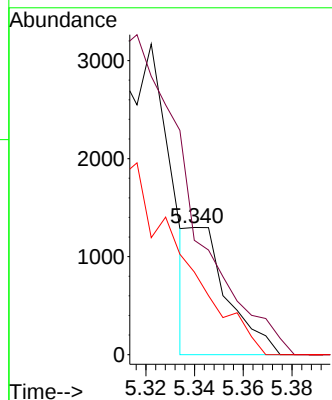
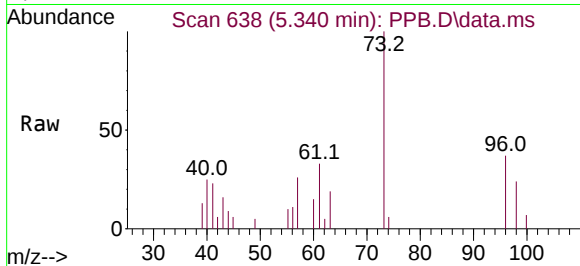




#17
trans-1,2-Dichloroethene
Concen: 0.469 ug/L
RT: 5.340 min Scan# 61
Delta R.T. 0.029 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

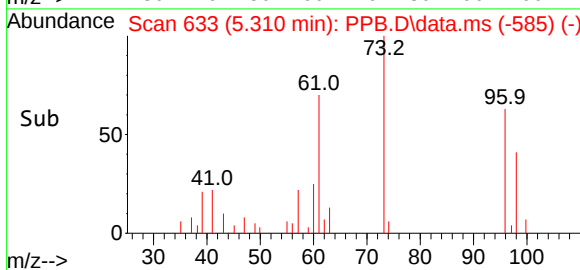
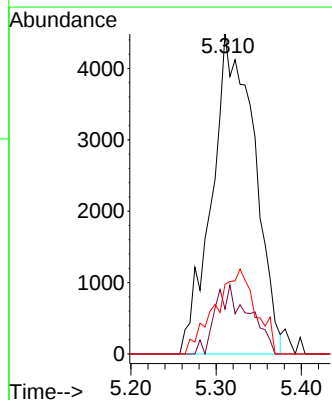
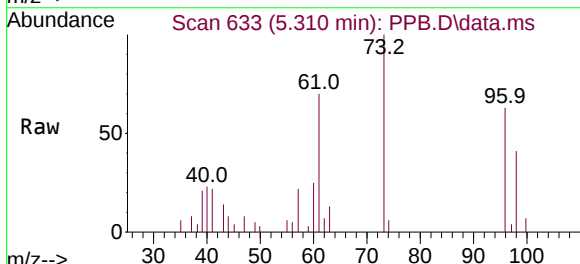
Instrument :
MSVOA_D
ClientSampleId :

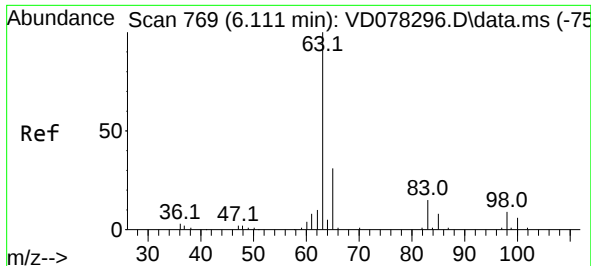
Tgt Ion: 96 Resp: 1448
Ion Ratio Lower Upper
96 100
61 90.0 82.7 153.7
98 65.0 40.7 75.7



#18
Methyl tert-butyl Ether
Concen: 2.254 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.018 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion: 73 Resp: 15554
Ion Ratio Lower Upper
73 100
43 5.7 13.3 19.9#
57 6.9 17.2 25.8#





#19

1,1-Dichloroethane

Concen: 1.216 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.006 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :

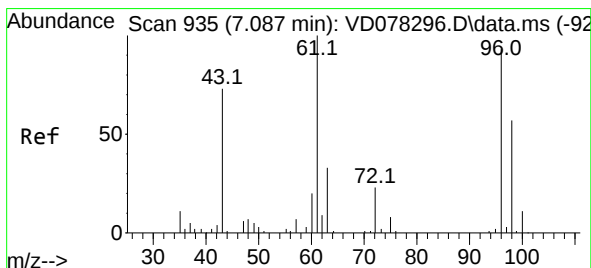
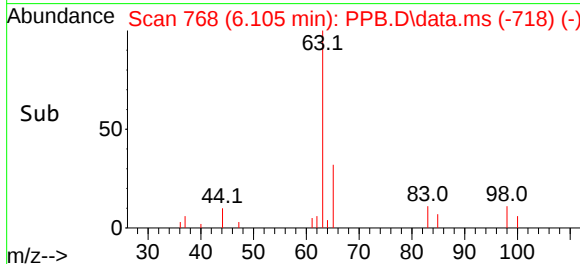
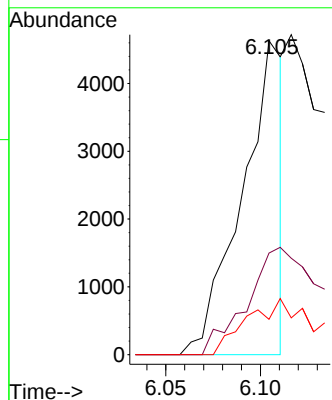
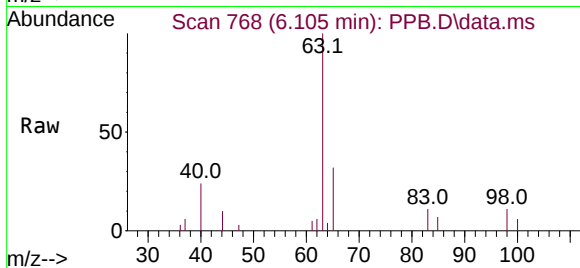
Tgt Ion: 63 Resp: 6965

Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.4

83 11.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 2.409 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.012 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

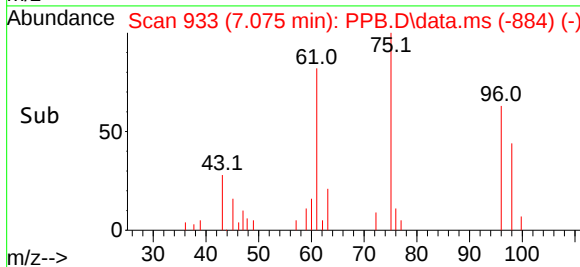
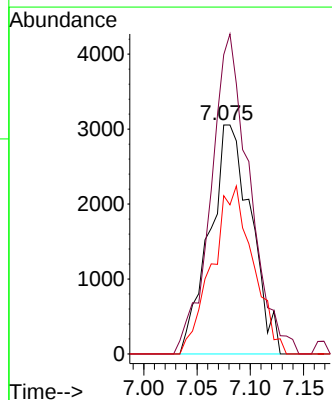
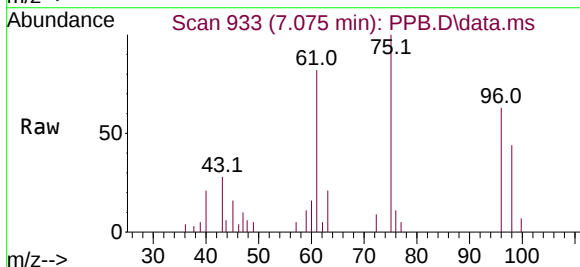
Tgt Ion: 96 Resp: 8271

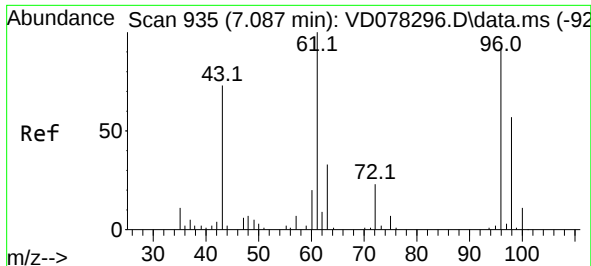
Ion Ratio Lower Upper

96 100

61 130.7 75.6 140.4

98 69.1 43.1 80.1





#22

2-Butanone

Concen: 0.373 ug/L

RT: 7.128 min Scan# 942

Delta R.T. 0.041 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

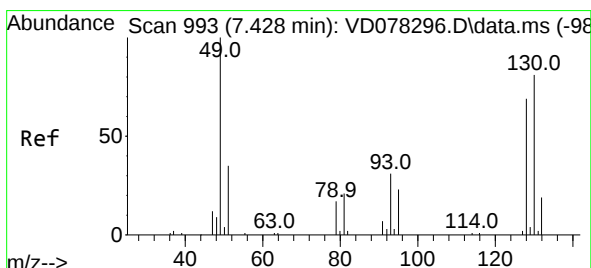
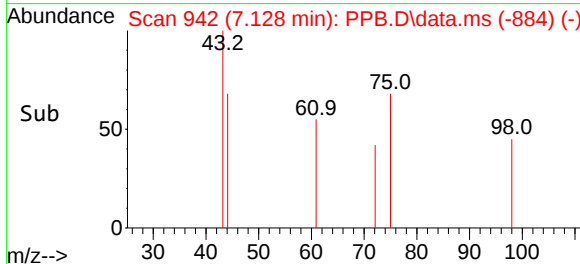
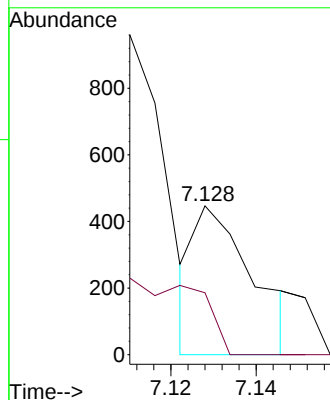
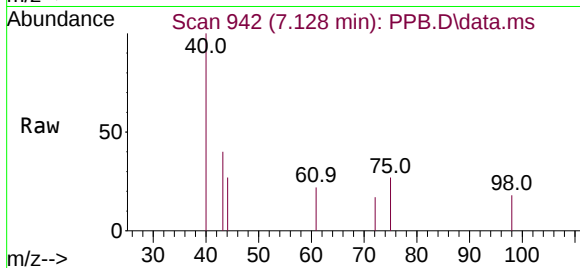
ClientSampleId :

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

72 32.7 15.4 46.2



#23

Bromochloromethane

Concen: 1.803 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Tgt Ion:128 Resp: 2636

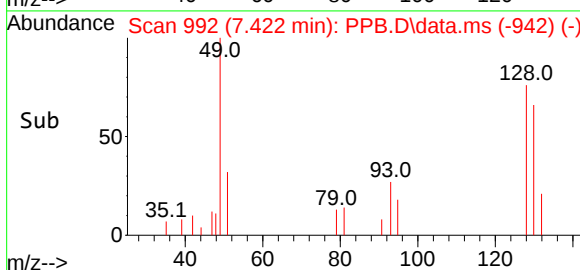
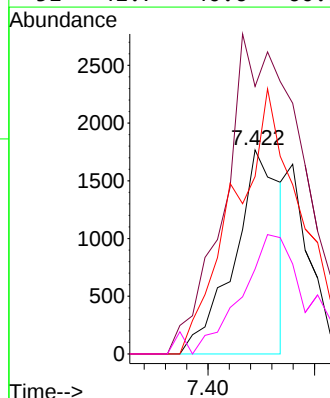
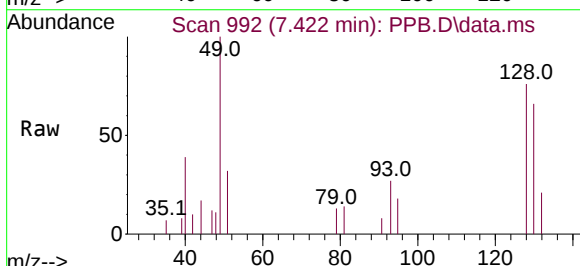
Ion Ratio Lower Upper

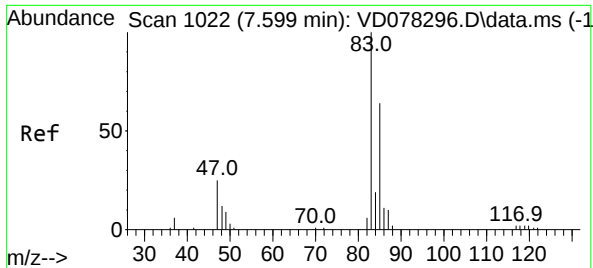
128 100

49 131.2 102.7 190.7

130 87.0 82.6 153.4

51 41.7 40.6 60.8





#25

Chloroform

Concen: 2.888 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

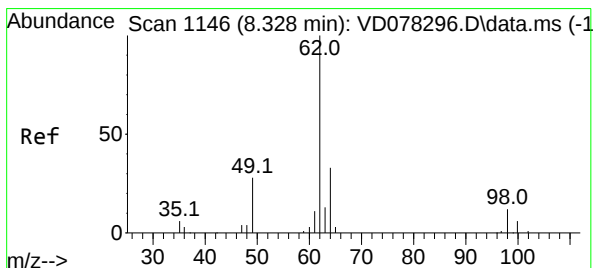
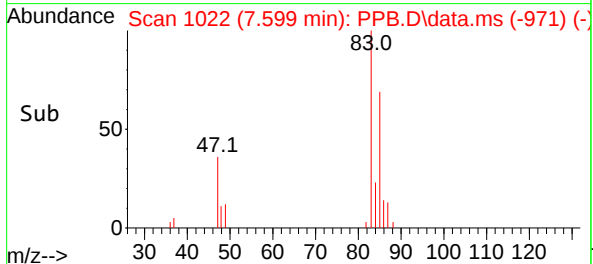
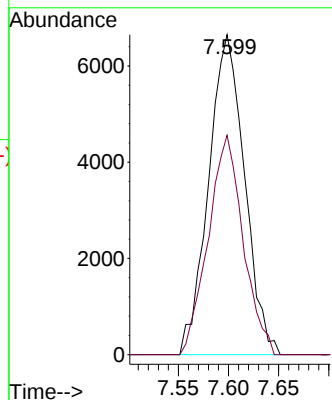
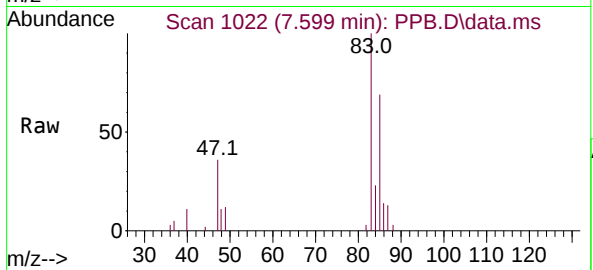
ClientSampleId :

Tgt Ion: 83 Resp: 16584

Ion Ratio Lower Upper

83 100

85 68.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 2.741 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: PPB.D

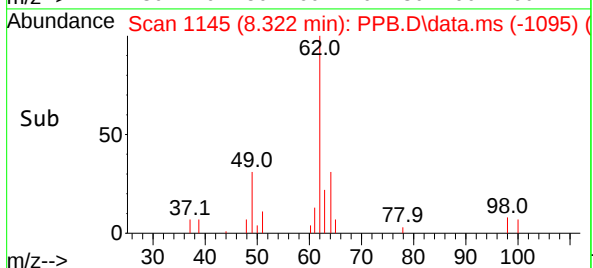
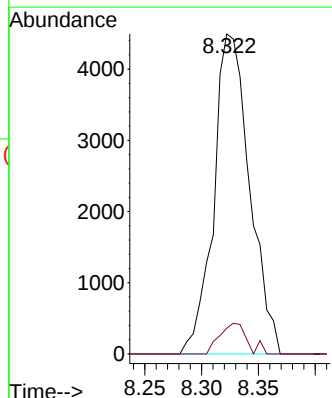
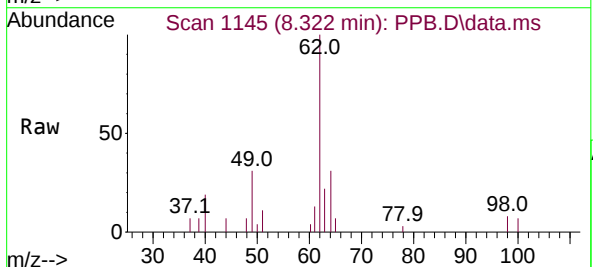
Acq: 31 Jan 2024 16:19

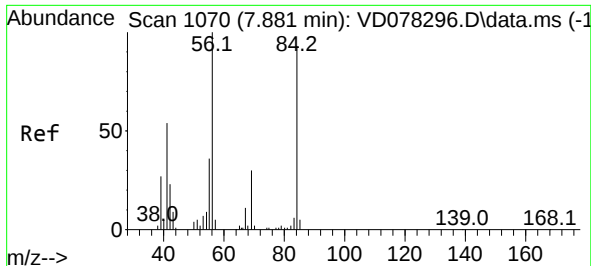
Tgt Ion: 62 Resp: 9895

Ion Ratio Lower Upper

62 100

98 8.1 9.5 14.3#





#29

Cyclohexane

Concen: 2.080 ug/L

RT: 7.881 min Scan# 11066

Delta R.T. -0.000 min

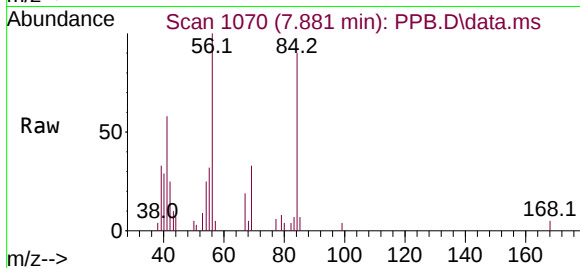
Lab File: PPB.D

Acq: 31 Jan 2024 16:19

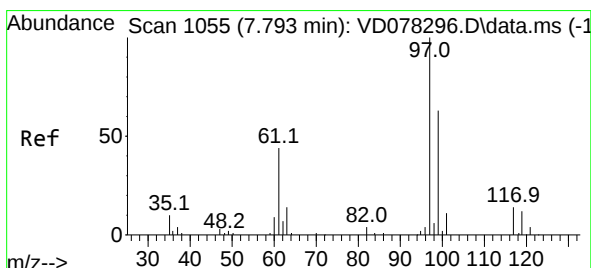
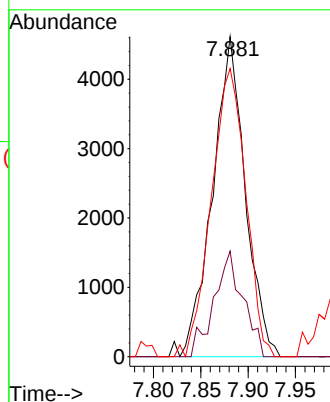
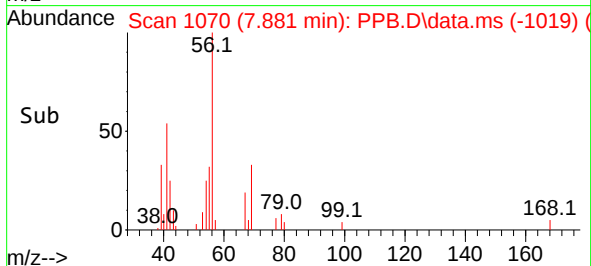
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	11066
Ion	Ratio	Lower	Upper
56	100		
69	26.8	23.3	34.9
84	94.3	74.7	112.1



#30

1,1,1-Trichloroethane

Concen: 2.484 ug/L

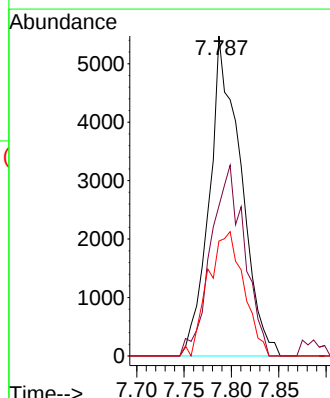
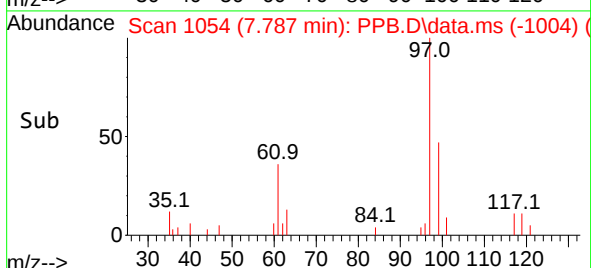
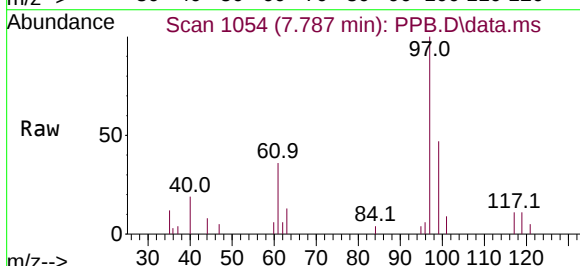
RT: 7.787 min Scan# 1054

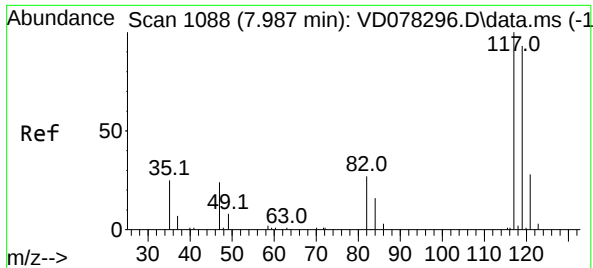
Delta R.T. -0.006 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Tgt Ion:	97	Resp:	12639
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.7	76.1
61	43.5	34.4	51.6

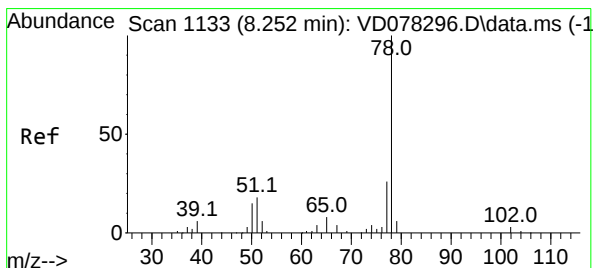
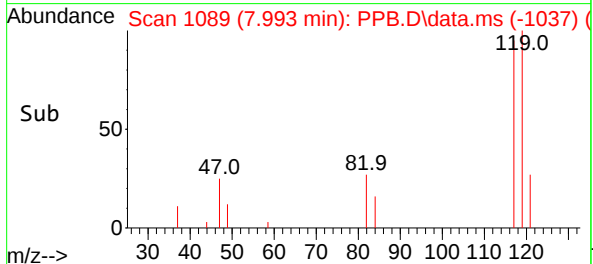
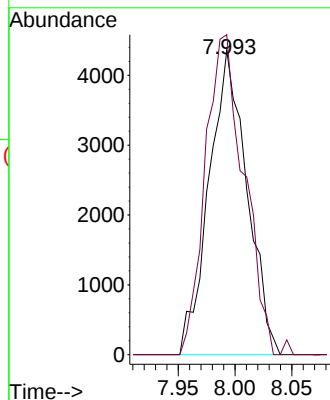
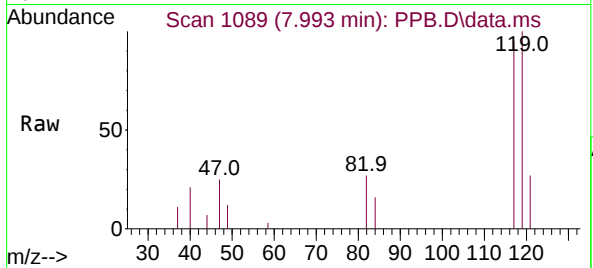




#31
Carbon tetrachloride
Concen: 2.275 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

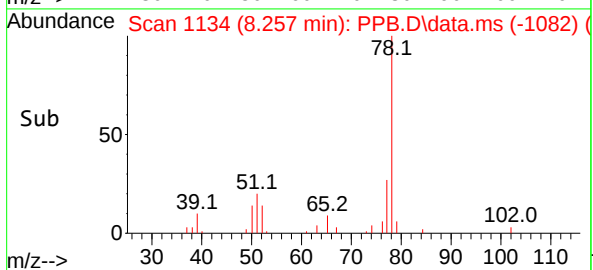
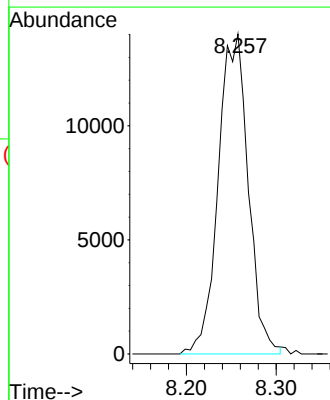
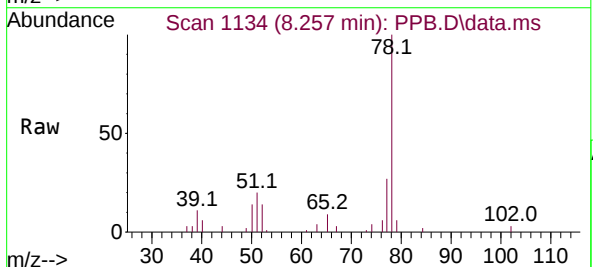
Instrument :
MSVOA_D
ClientSampleId :

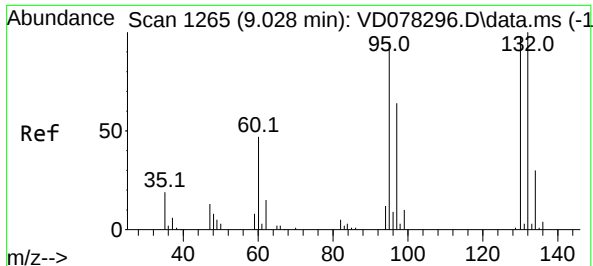
Tgt Ion:117 Resp: 10113
Ion Ratio Lower Upper
117 100
119 106.9 77.0 115.4



#33
Benzene
Concen: 2.382 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion: 78 Resp: 32517





#34

Trichloroethene

Concen: 2.458 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 8293

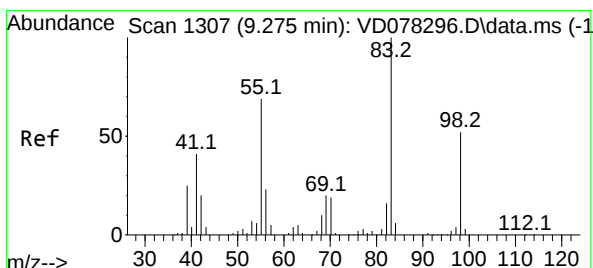
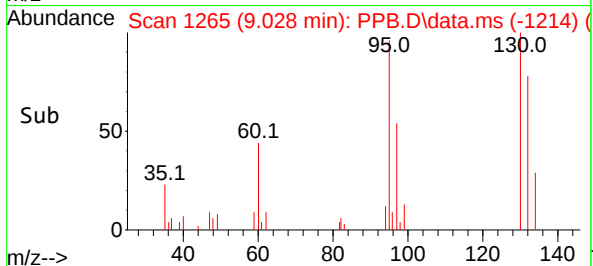
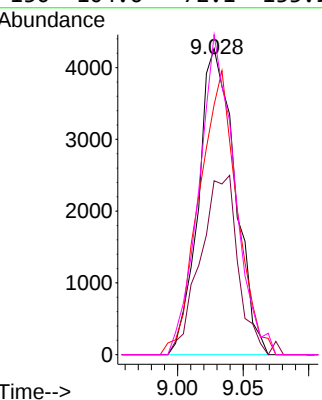
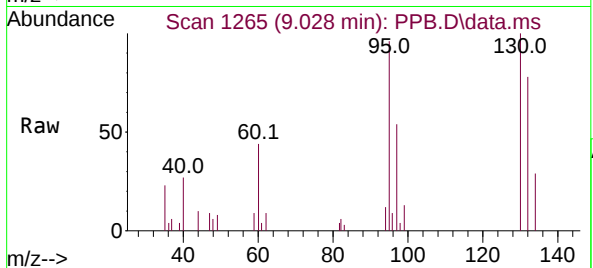
Ion Ratio Lower Upper

95 100

97 56.8 46.9 87.1

132 81.7 73.7 136.9

130 104.6 72.1 133.9



#35

Methylcyclohexane

Concen: 2.166 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

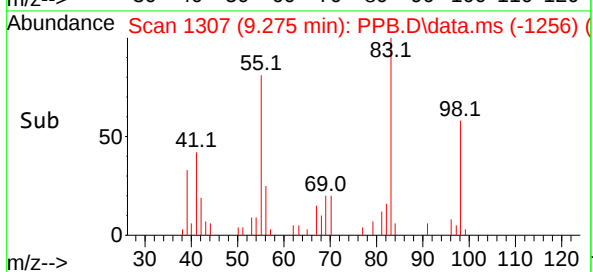
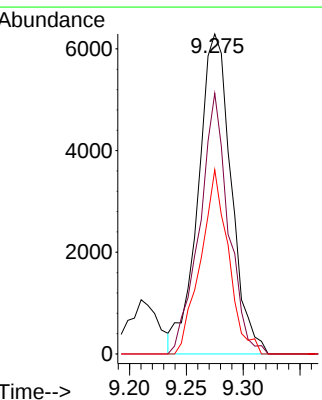
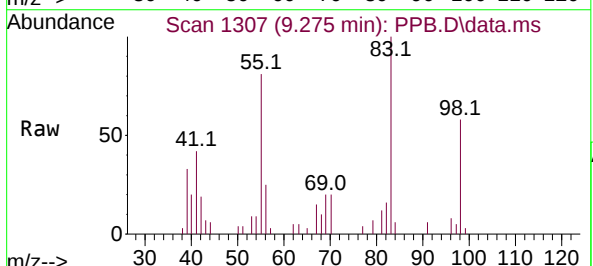
Tgt Ion: 83 Resp: 12687

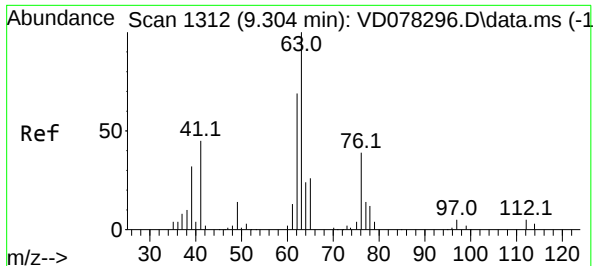
Ion Ratio Lower Upper

83 100

55 71.5 56.2 84.4

98 47.8 41.2 61.8





#37

1,2-Dichloropropane

Concen: 2.568 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

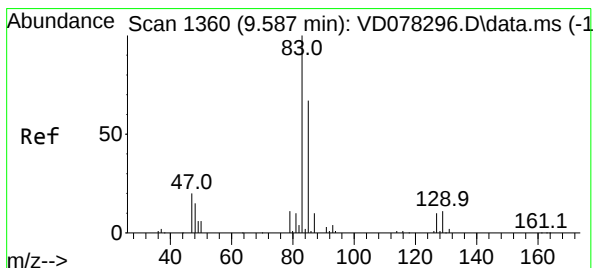
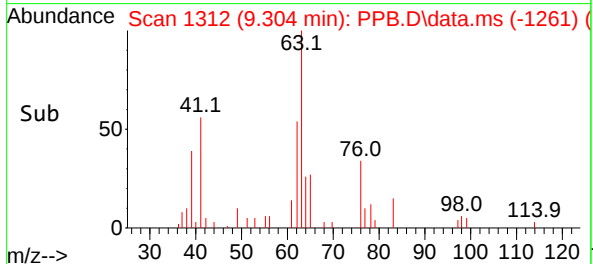
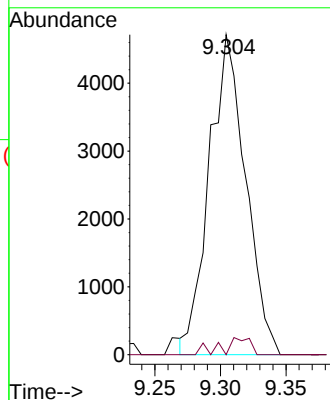
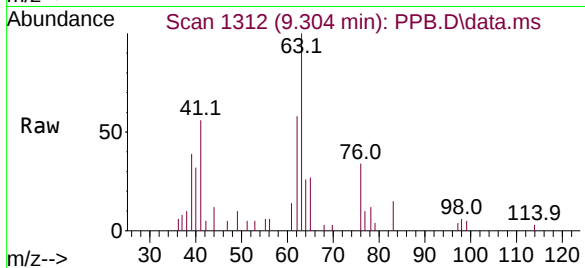
ClientSampleId :

Tgt Ion: 63 Resp: 9092

Ion Ratio Lower Upper

63 100

112 2.7 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.709 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

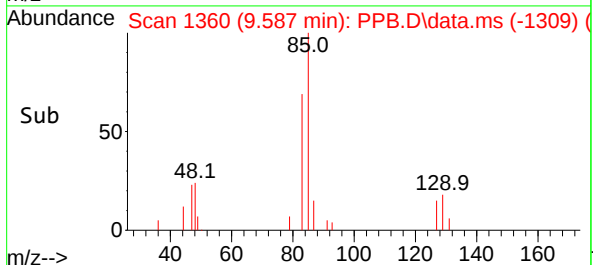
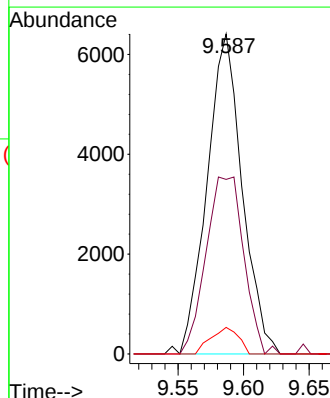
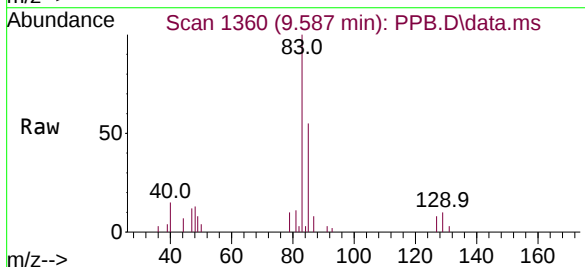
Tgt Ion: 83 Resp: 11900

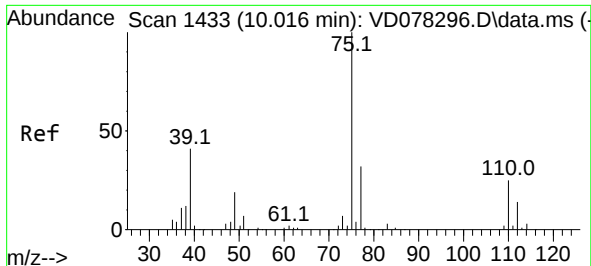
Ion Ratio Lower Upper

83 100

85 54.5 46.6 86.6

127 8.3 8.1 12.1

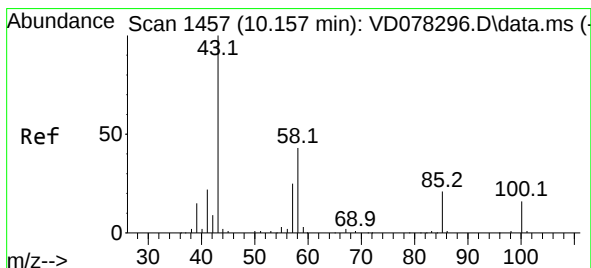
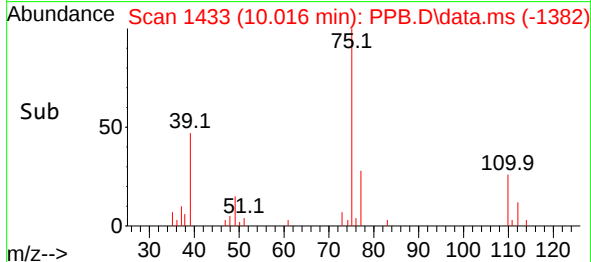
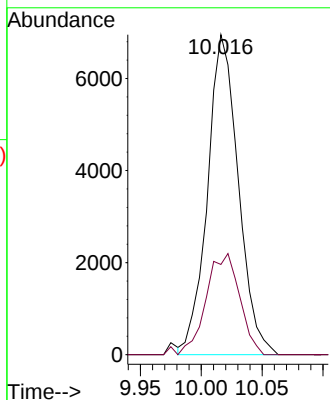
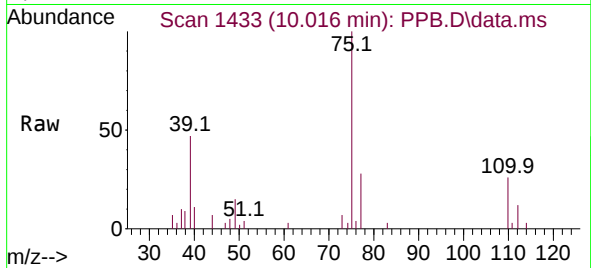




#39
cis-1,3-Dichloropropene
Concen: 2.206 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

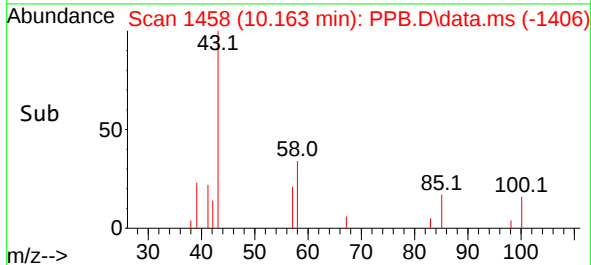
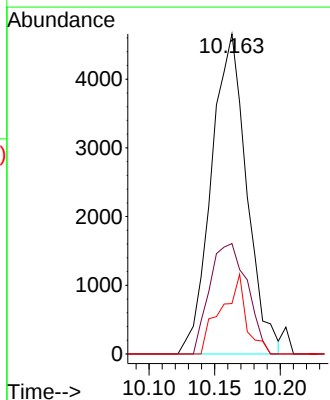
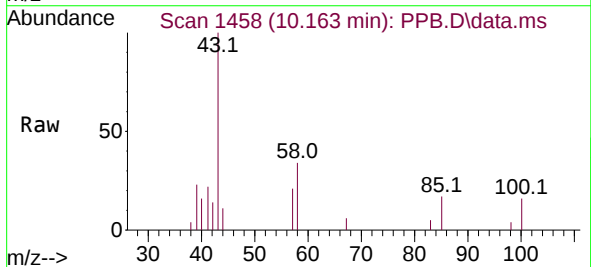
Instrument :
MSVOA_D
ClientSampleId :

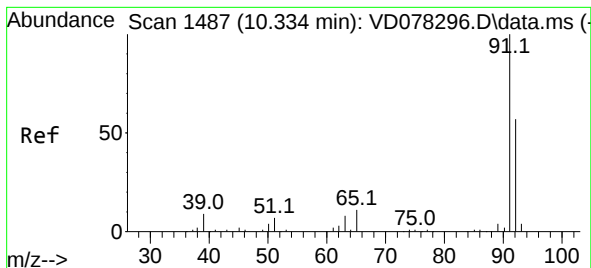
Tgt Ion: 75 Resp: 12266
Ion Ratio Lower Upper
75 100
77 28.2 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 4.254 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion: 43 Resp: 8729
Ion Ratio Lower Upper
43 100
58 36.7 34.0 51.0
100 17.0 13.2 19.8





#42

Toluene

Concen: 2.193 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

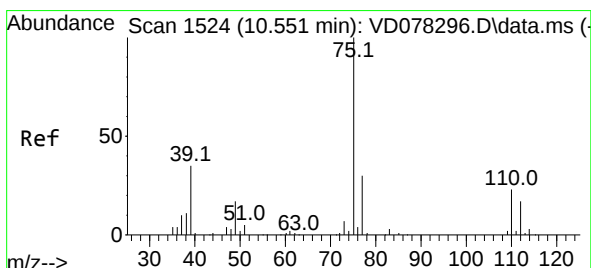
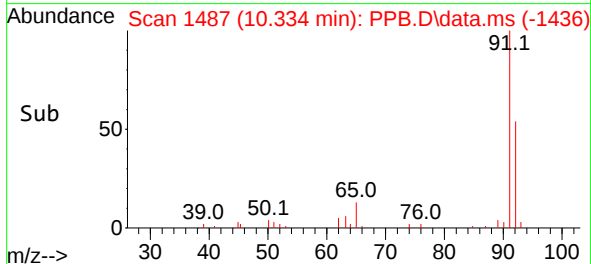
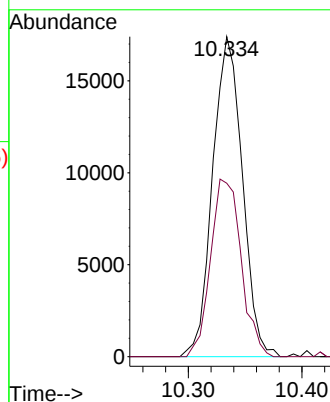
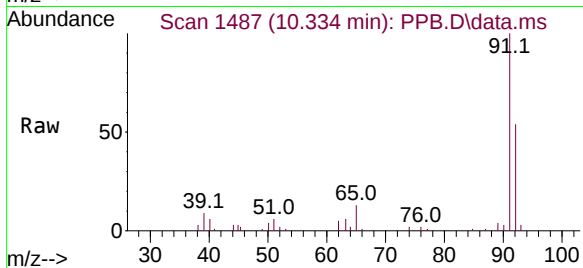
ClientSampleId :

Tgt Ion: 91 Resp: 31634

Ion Ratio Lower Upper

91 100

92 54.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.284 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: PPB.D

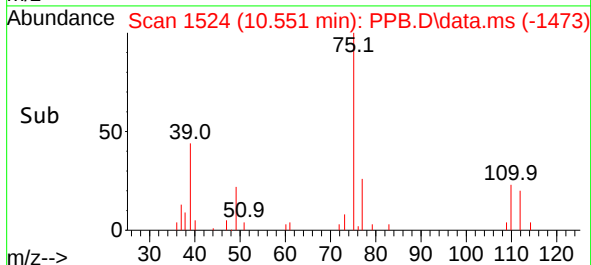
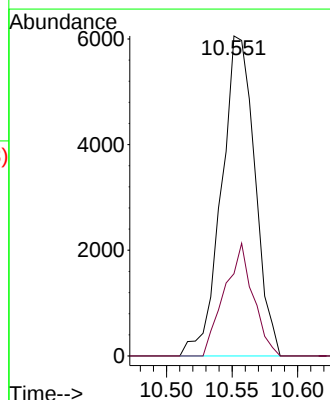
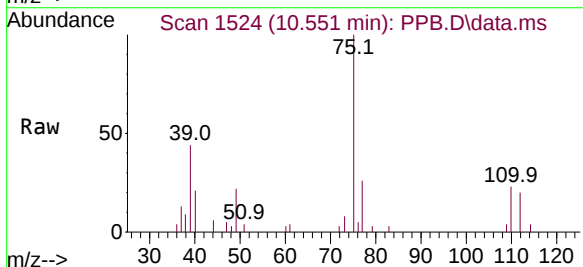
Acq: 31 Jan 2024 16:19

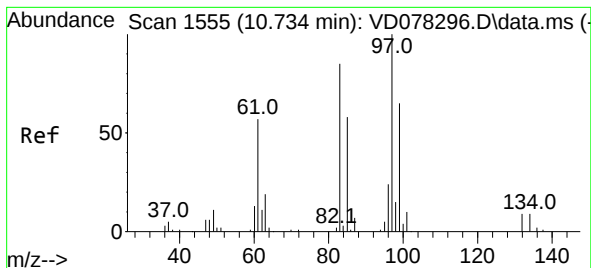
Tgt Ion: 75 Resp: 10734

Ion Ratio Lower Upper

75 100

77 25.7 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 2.788 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

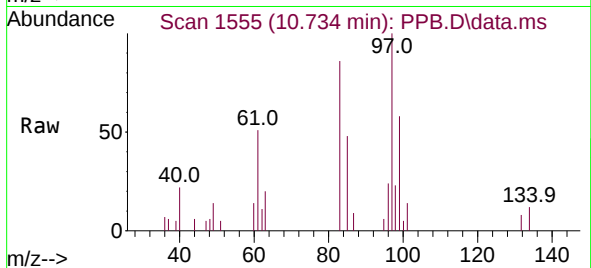
Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 6978

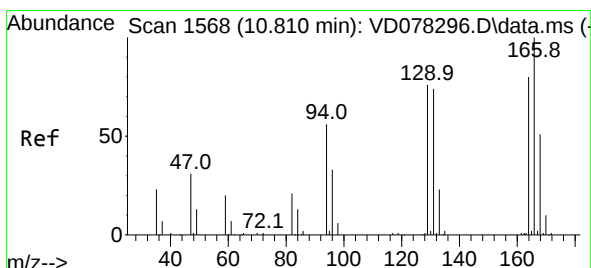
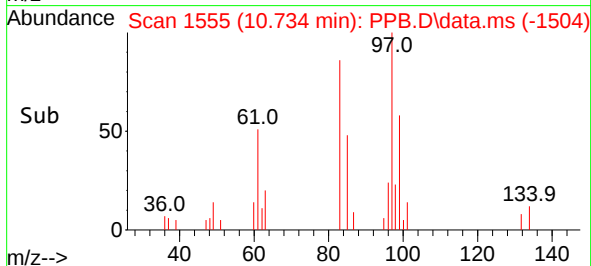
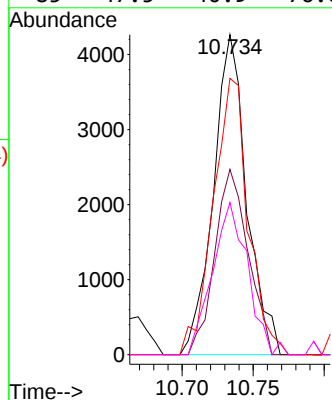
Ion Ratio Lower Upper

97 100

99 57.9 45.4 84.4

83 86.4 59.5 110.5

85 47.5 40.9 76.0



#46

Tetrachloroethene

Concen: 2.251 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Tgt Ion:164 Resp: 5927

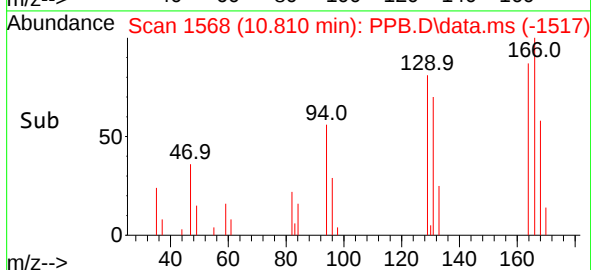
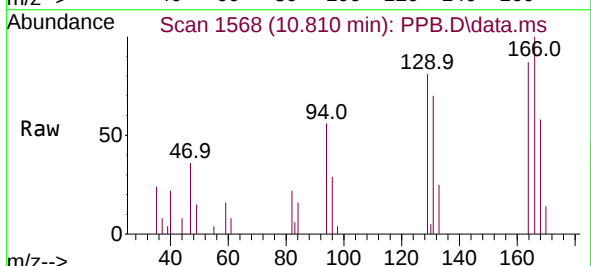
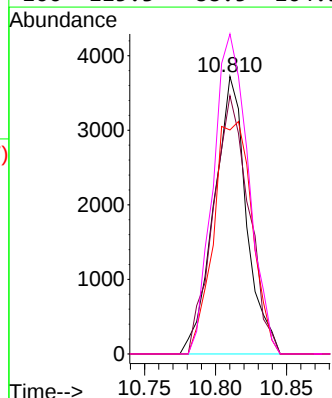
Ion Ratio Lower Upper

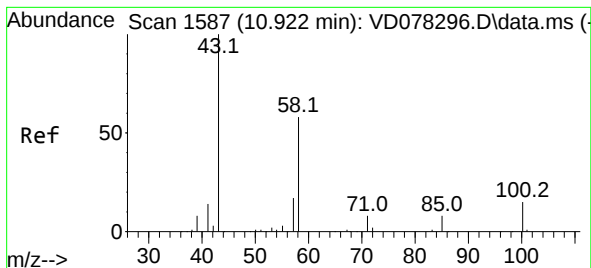
164 100

129 93.0 66.7 123.9

131 80.7 65.2 121.0

166 115.3 88.5 164.3





#48

2-Hexanone

Concen: 3.623 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

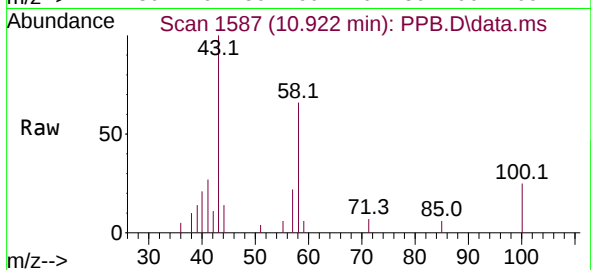
Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 6249

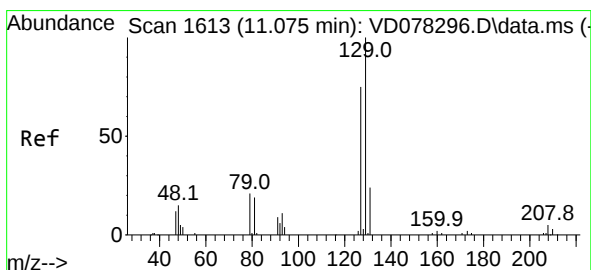
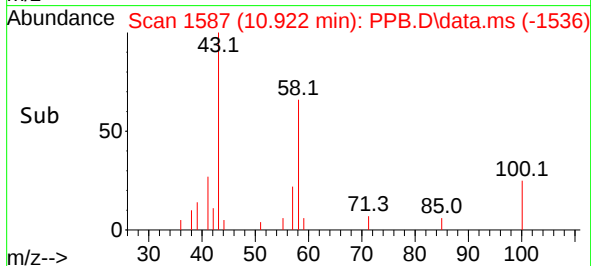
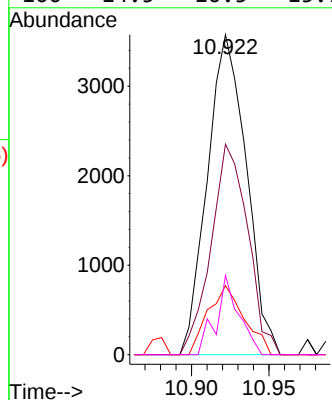
Ion Ratio Lower Upper

43 100

58 62.1 48.5 72.7

57 20.2 15.6 23.4

100 14.5 10.5 15.7



#49

Dibromochloromethane

Concen: 2.365 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: PPB.D

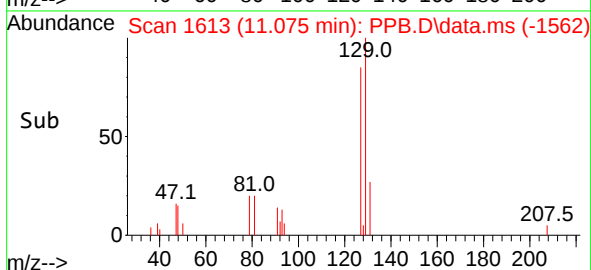
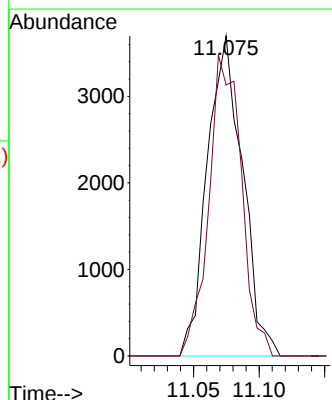
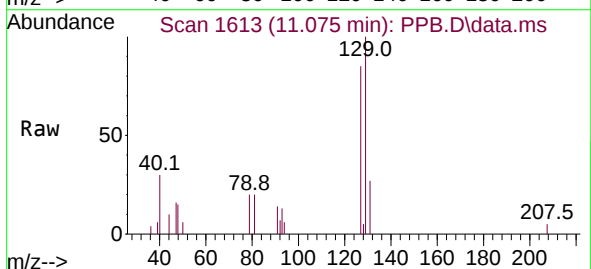
Acq: 31 Jan 2024 16:19

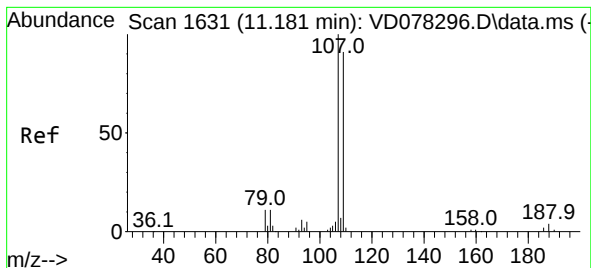
Tgt Ion:129 Resp: 6938

Ion Ratio Lower Upper

129 100

127 84.7 52.7 97.9





#50

1,2-Dibromoethane

Concen: 2.718 ug/L

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :

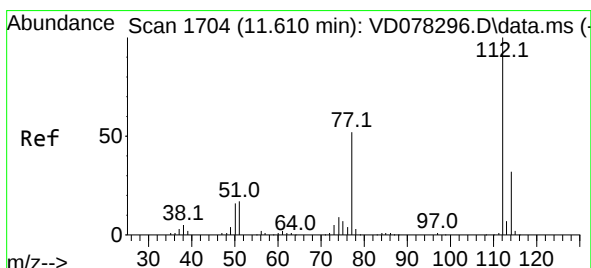
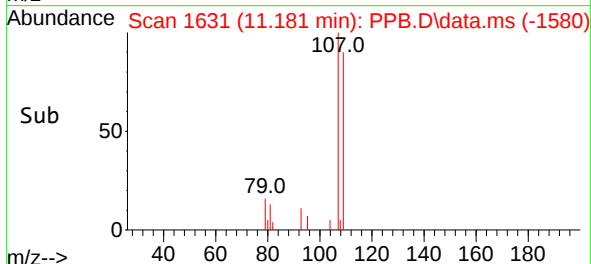
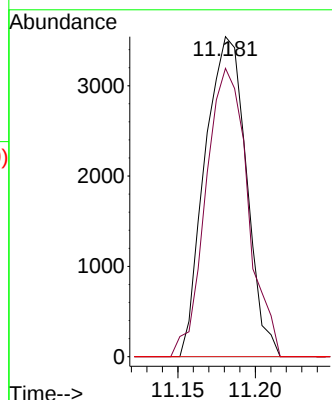
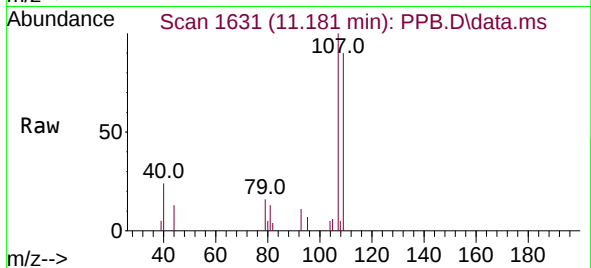
Tgt Ion:107 Resp: 6572

Ion Ratio Lower Upper

107 100

109 90.1 64.0 118.8

188 0.0 3.1 4.7#



#51

Chlorobenzene

Concen: 2.343 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

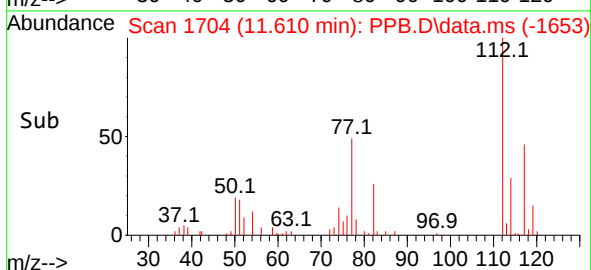
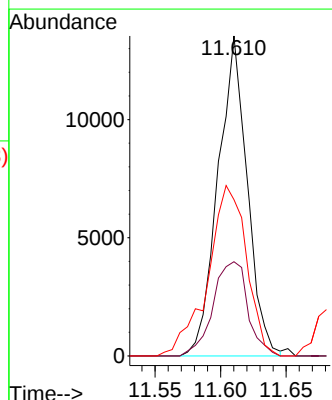
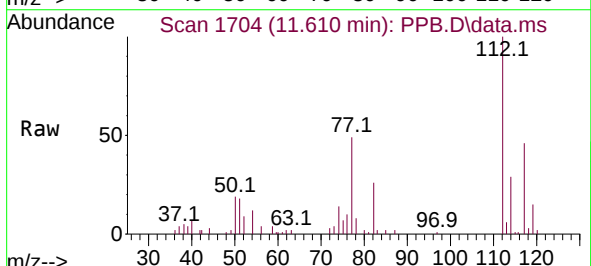
Tgt Ion:112 Resp: 21040

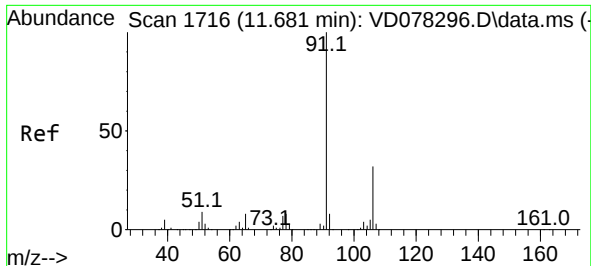
Ion Ratio Lower Upper

112 100

114 29.4 22.3 41.3

77 48.9 42.3 63.5

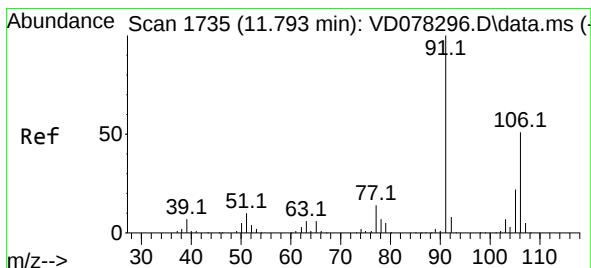
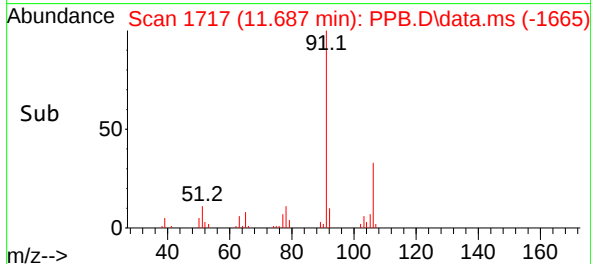
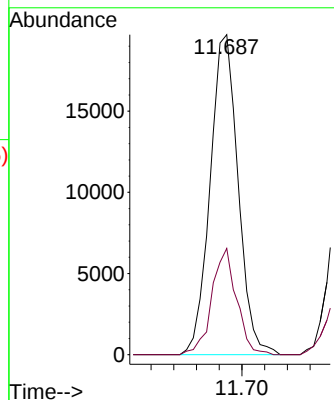
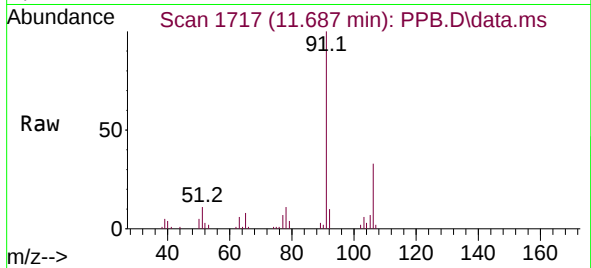




#52
Ethylbenzene
Concen: 2.127 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

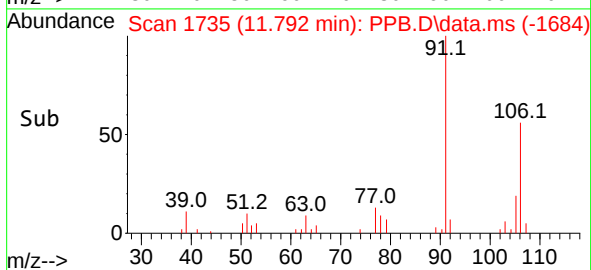
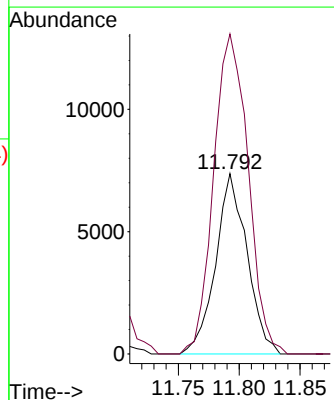
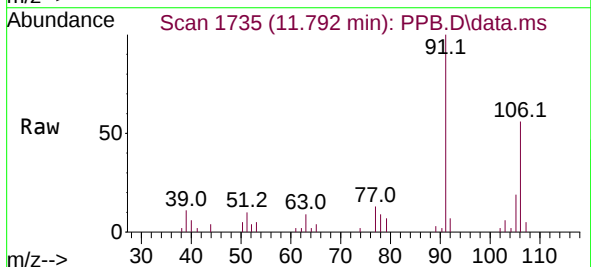
Instrument :
MSVOA_D
ClientSampleId :

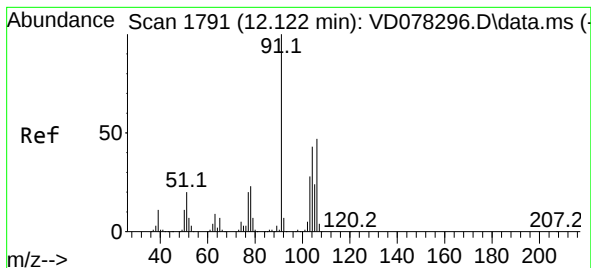
Tgt Ion: 91 Resp: 33782
Ion Ratio Lower Upper
91 100
106 33.2 22.5 41.7



#53
m,p-Xylene
Concen: 2.207 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion:106 Resp: 13240
Ion Ratio Lower Upper
106 100
91 177.5 138.3 256.8

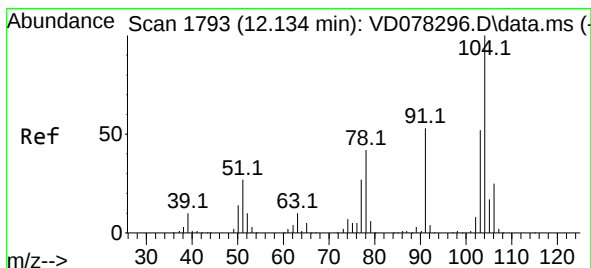
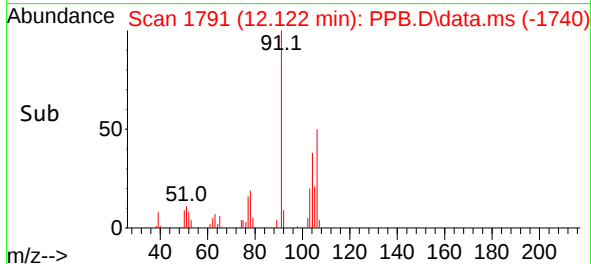
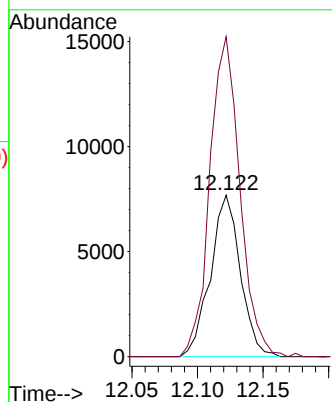
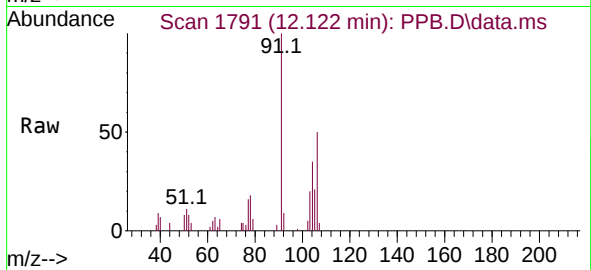




#54
o-Xylene
Concen: 2.125 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

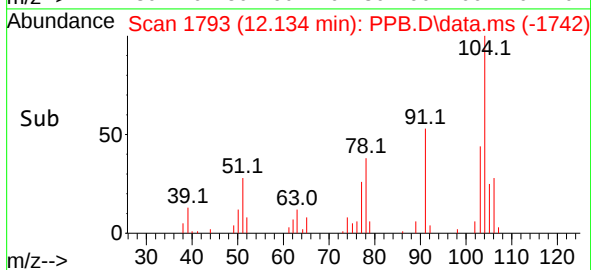
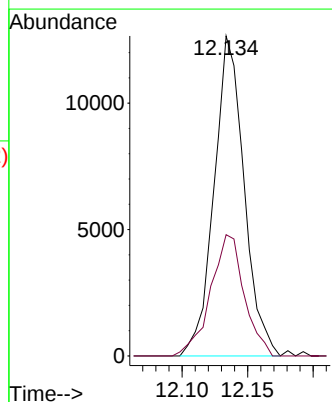
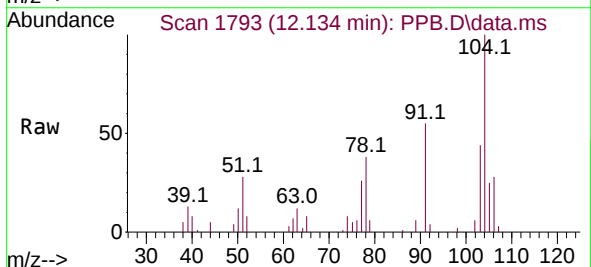
Instrument :
MSVOA_D
ClientSampleId :

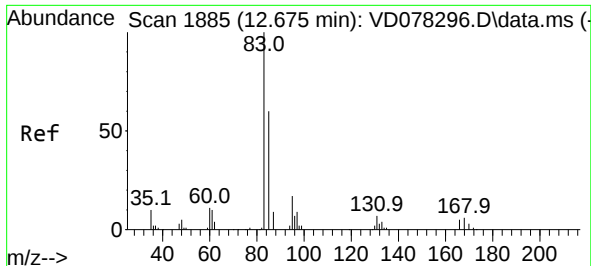
Tgt Ion:106 Resp: 12221
Ion Ratio Lower Upper
106 100
91 198.2 148.0 274.8



#55
Styrene
Concen: 1.988 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion:104 Resp: 20139
Ion Ratio Lower Upper
104 100
78 37.9 29.5 54.7

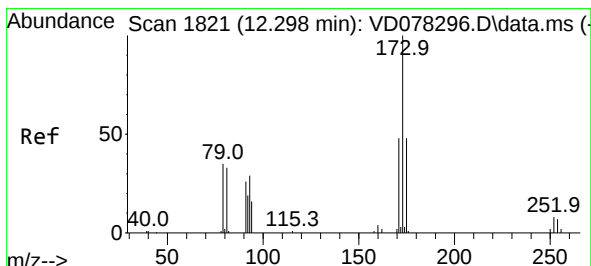
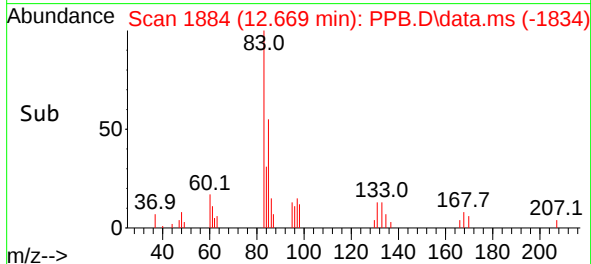
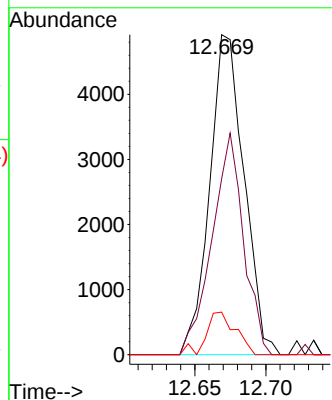
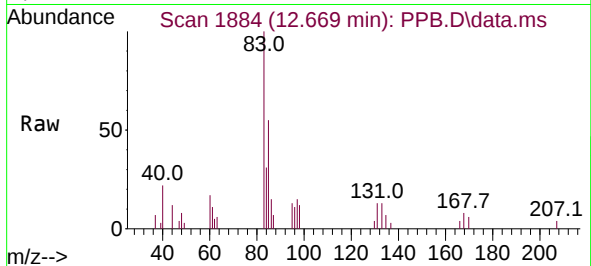




#57
1,1,2,2-Tetrachloroethane
Concen: 2.742 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

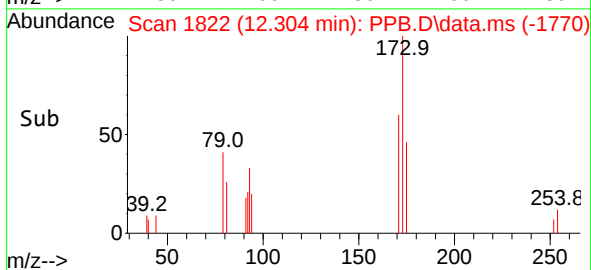
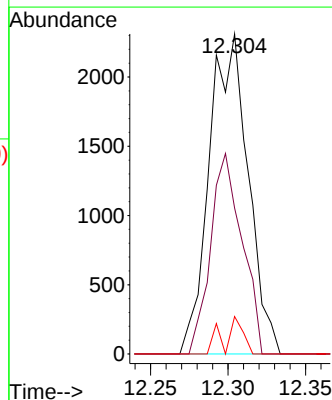
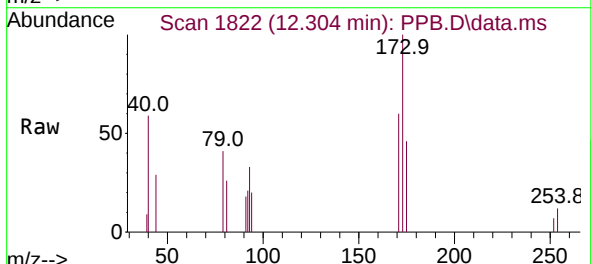
Instrument :
MSVOA_D
ClientSampleId :

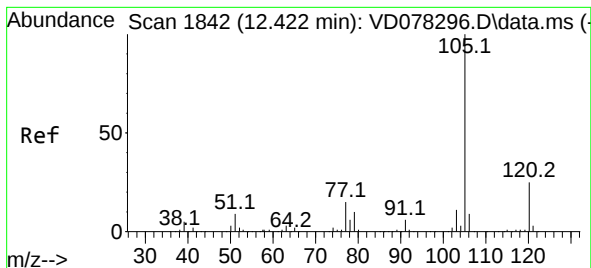
Tgt Ion: 83 Resp: 8286
Ion Ratio Lower Upper
83 100
85 55.0 42.6 79.0
131 13.3 6.0 9.0#



#59
Bromoform
Concen: 2.643 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion:173 Resp: 4025
Ion Ratio Lower Upper
173 100
175 0.0 40.2 60.4#
254 3.7 6.6 9.8#





#60

Isopropylbenzene

Concen: 2.298 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :

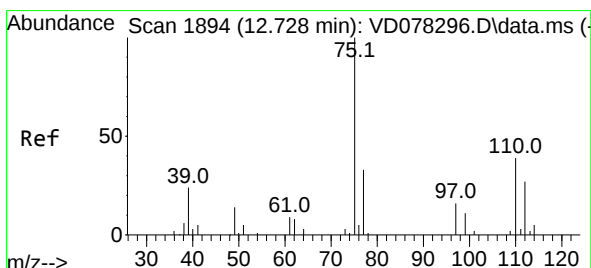
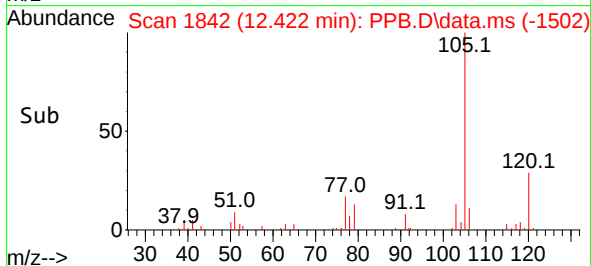
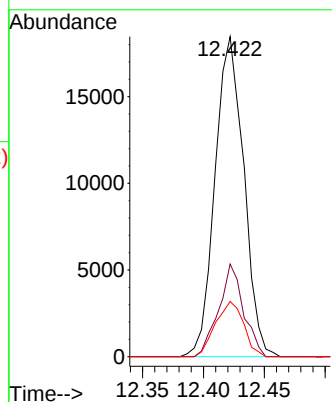
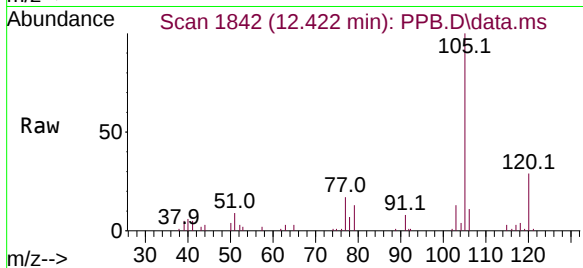
Tgt Ion:105 Resp: 30292

Ion Ratio Lower Upper

105 100

120 25.0 20.4 30.6

77 16.9 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 2.929 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

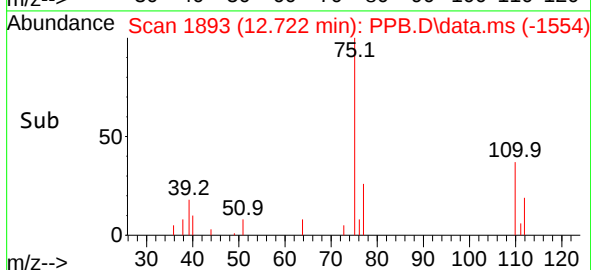
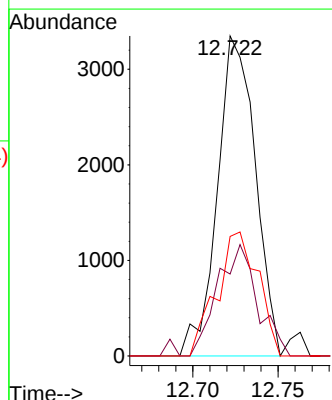
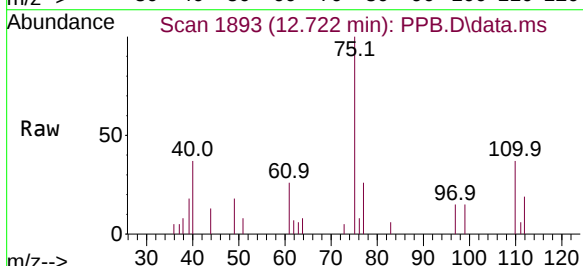
Tgt Ion: 75 Resp: 5190

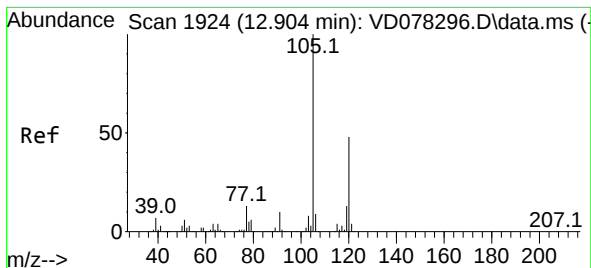
Ion Ratio Lower Upper

75 100

77 36.9 26.5 39.7

110 42.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 2.150 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

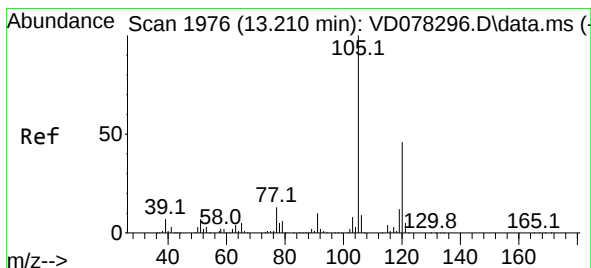
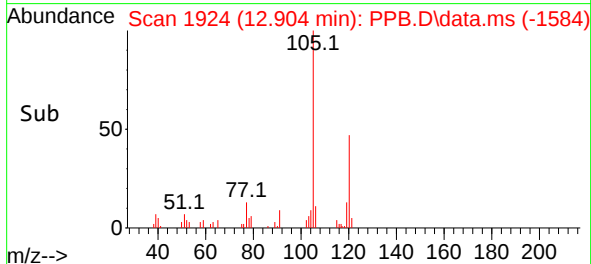
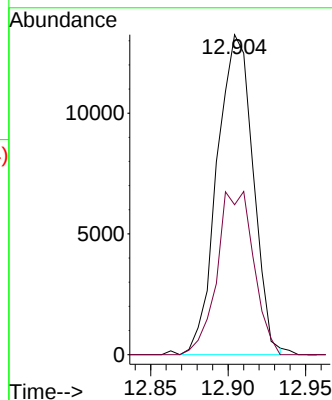
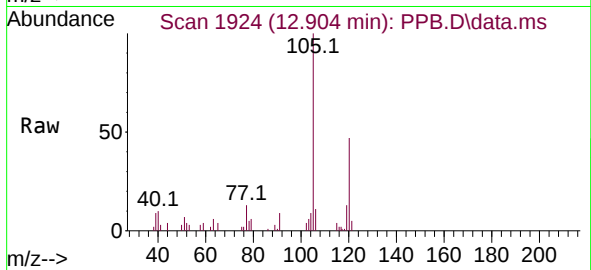
ClientSampleId :

Tgt Ion:105 Resp: 21400

Ion Ratio Lower Upper

105 100

120 51.9 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 2.202 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: PPB.D

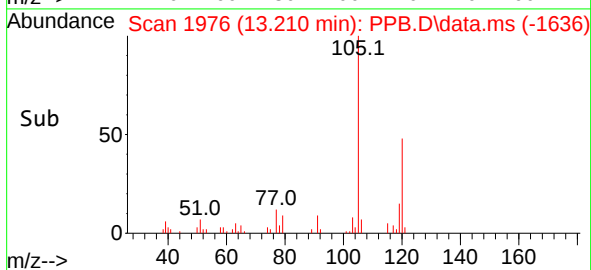
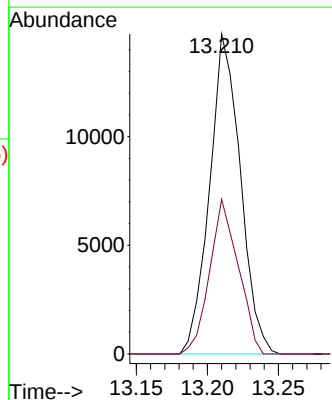
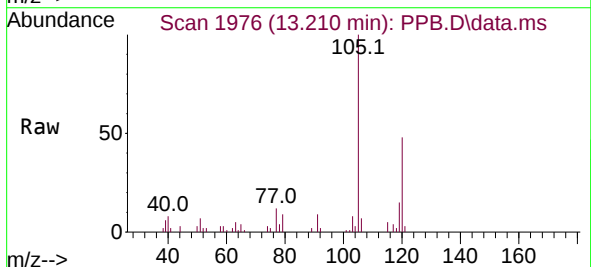
Acq: 31 Jan 2024 16:19

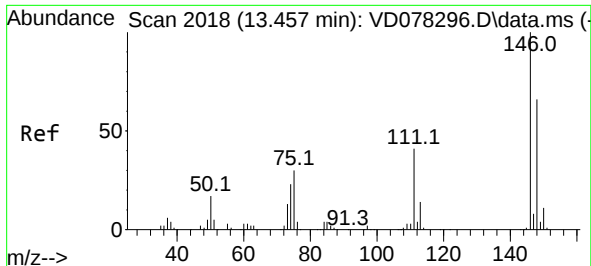
Tgt Ion:105 Resp: 22215

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.4

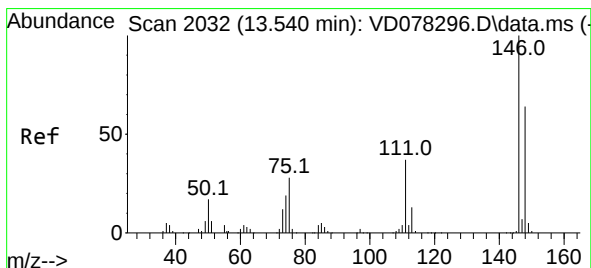
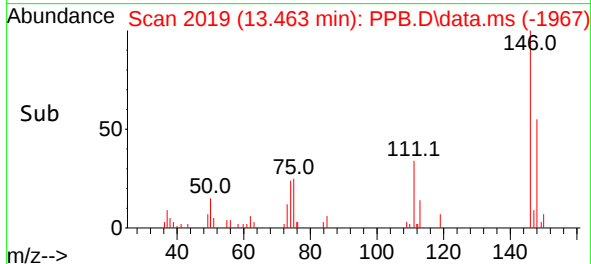
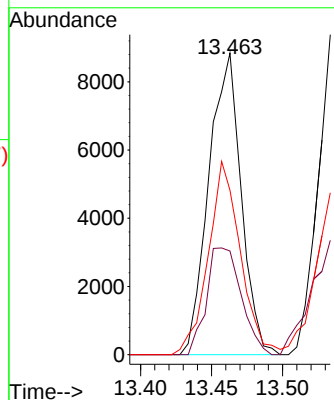
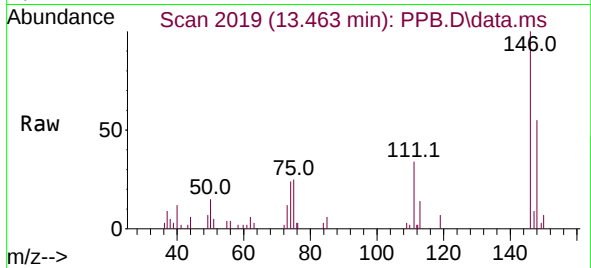




#64
1,3-Dichlorobenzene
Concen: 2.450 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

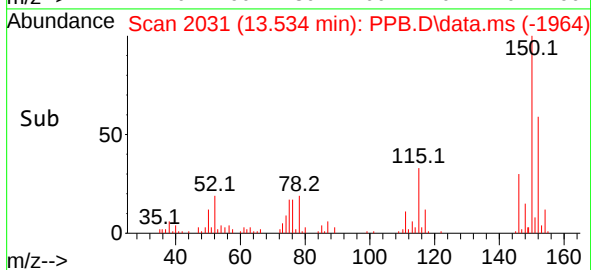
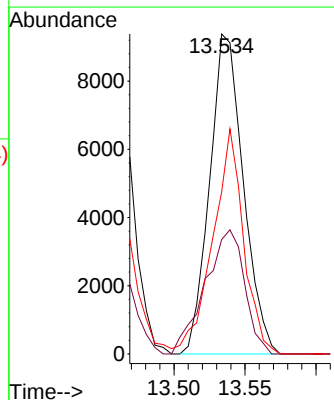
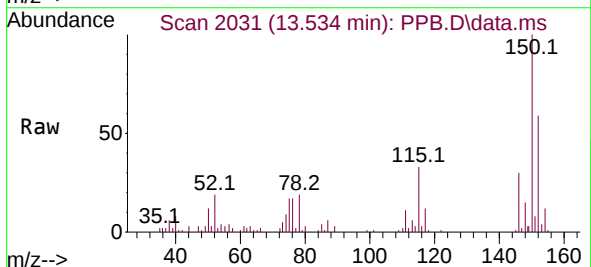
Instrument :
MSVOA_D
ClientSampleId :

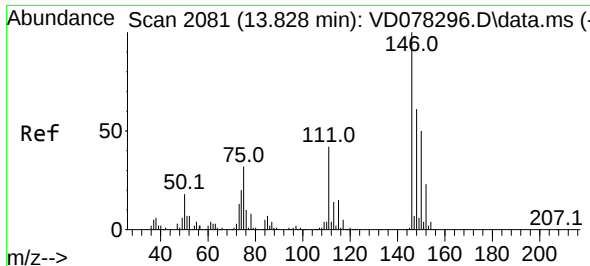
Tgt Ion:146 Resp: 14015
Ion Ratio Lower Upper
146 100
111 34.4 28.6 53.0
148 54.6 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 2.592 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

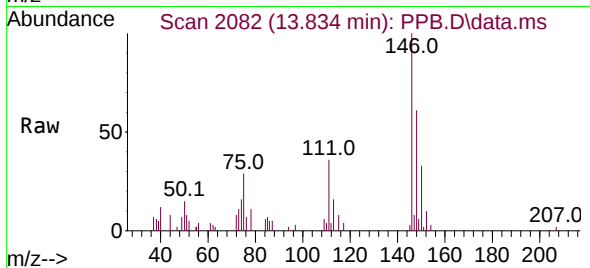
Tgt Ion:146 Resp: 15483
Ion Ratio Lower Upper
146 100
111 35.7 26.4 49.0
148 50.6 44.5 82.7



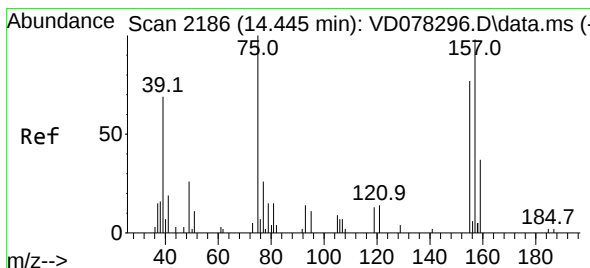
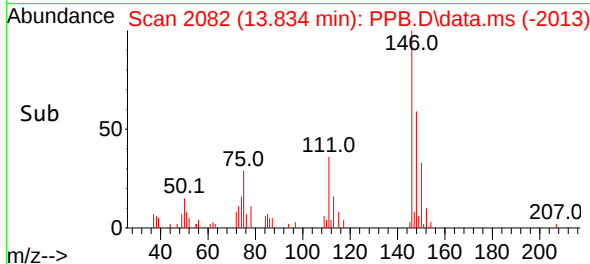
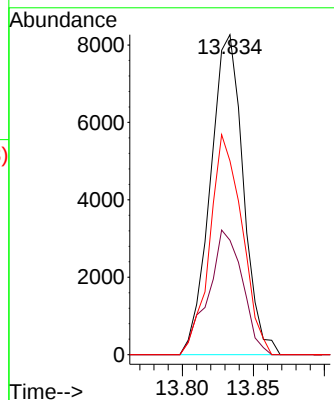


#67
1,2-Dichlorobenzene
Concen: 2.558 ug/L
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Instrument :
MSVOA_D
ClientSampleId :

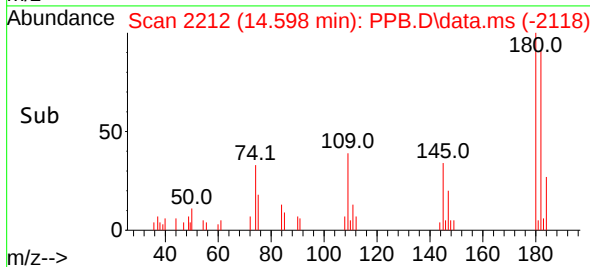
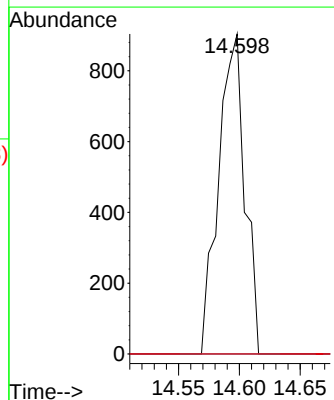
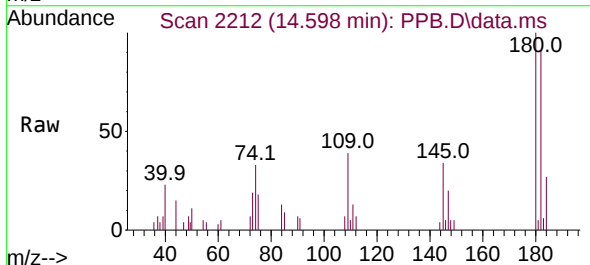


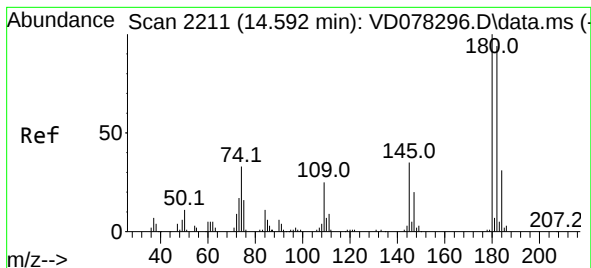
Tgt Ion:146 Resp: 13328
Ion Ratio Lower Upper
146 100
111 35.7 33.6 50.4
148 60.6 48.4 72.6



#68
1,2-Dibromo-3-chloropropane
Concen: 3.327 ug/L
RT: 14.598 min Scan# 2212
Delta R.T. 0.153 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
155 0.0 61.6 92.4#
157 0.0 78.1 117.1#





#69

1,3,5-Trichlorobenzene

Concen: 2.382 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

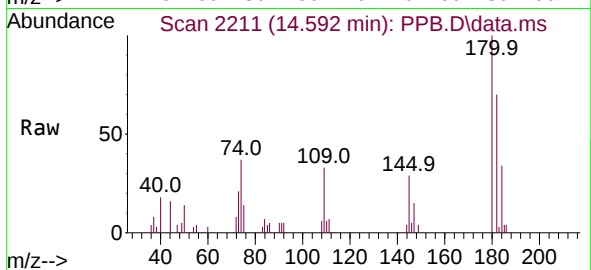
Lab File: PPB.D

Acq: 31 Jan 2024 16:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 9122

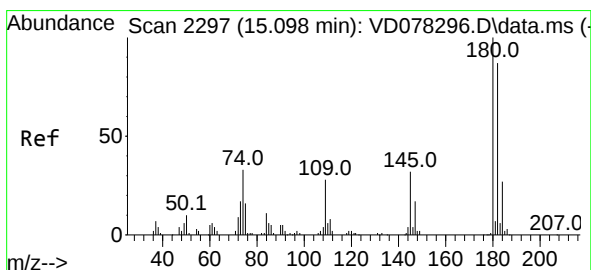
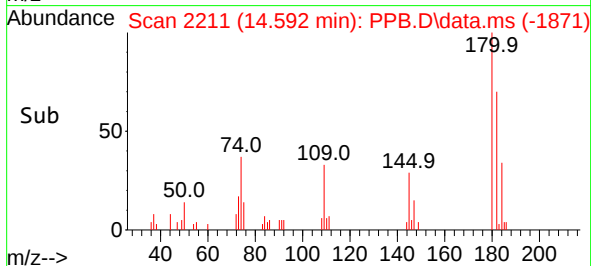
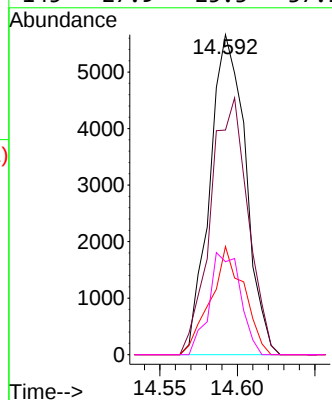
Ion Ratio Lower Upper

180 100

182 83.6 75.6 113.4

184 31.4 23.2 34.8

145 27.9 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 2.146 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: PPB.D

Acq: 31 Jan 2024 16:19

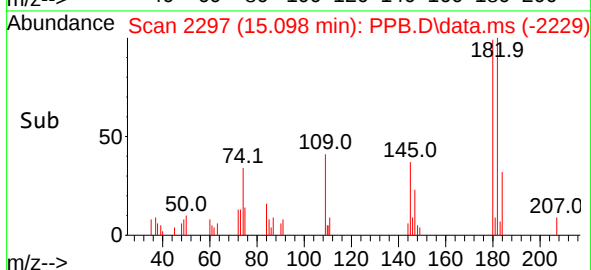
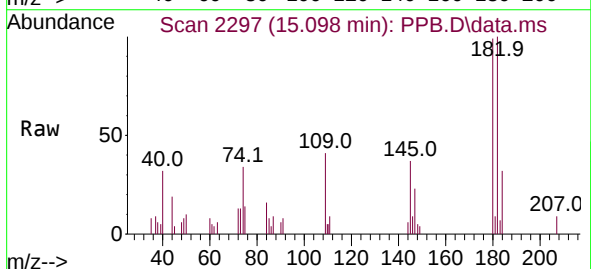
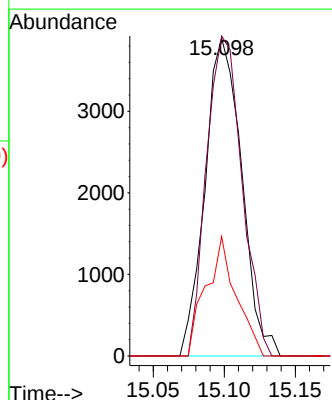
Tgt Ion:180 Resp: 6987

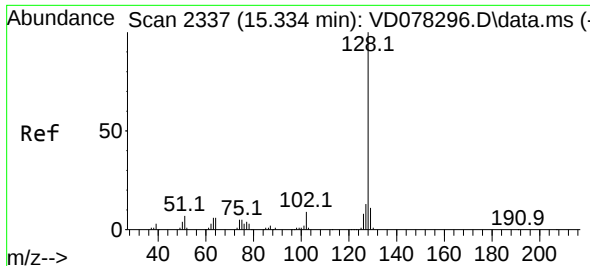
Ion Ratio Lower Upper

180 100

182 97.4 76.2 114.4

145 30.9 25.0 37.6

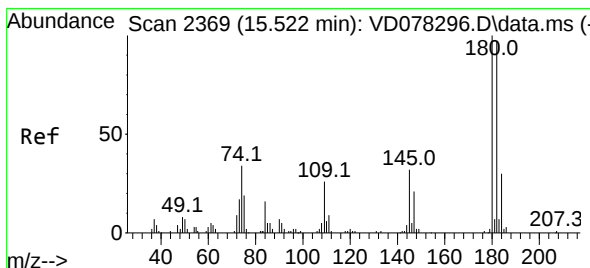
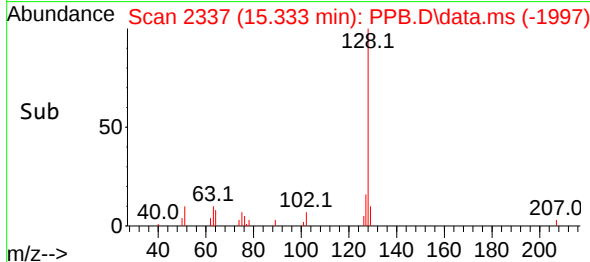
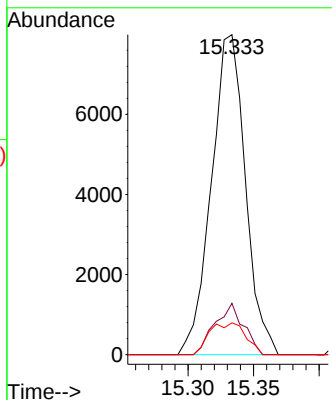
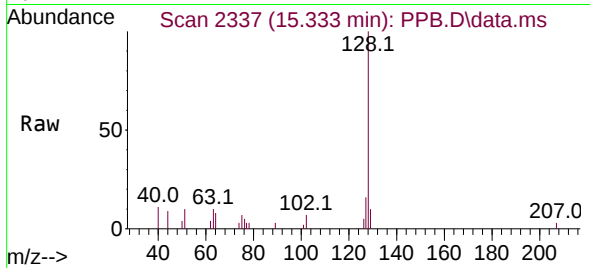




#71
Naphthalene
Concen: 2.278 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 14409
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.220 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: PPB.D
Acq: 31 Jan 2024 16:19

Tgt Ion:180 Resp: 6449
Ion Ratio Lower Upper
180 100
182 98.1 75.4 113.0
145 40.0 26.8 40.2

