

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077401.D
 Acq On : 24 Oct 2023 18:10
 Operator : JC/SY
 Sample : 05005-03
 Misc : 6.38G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

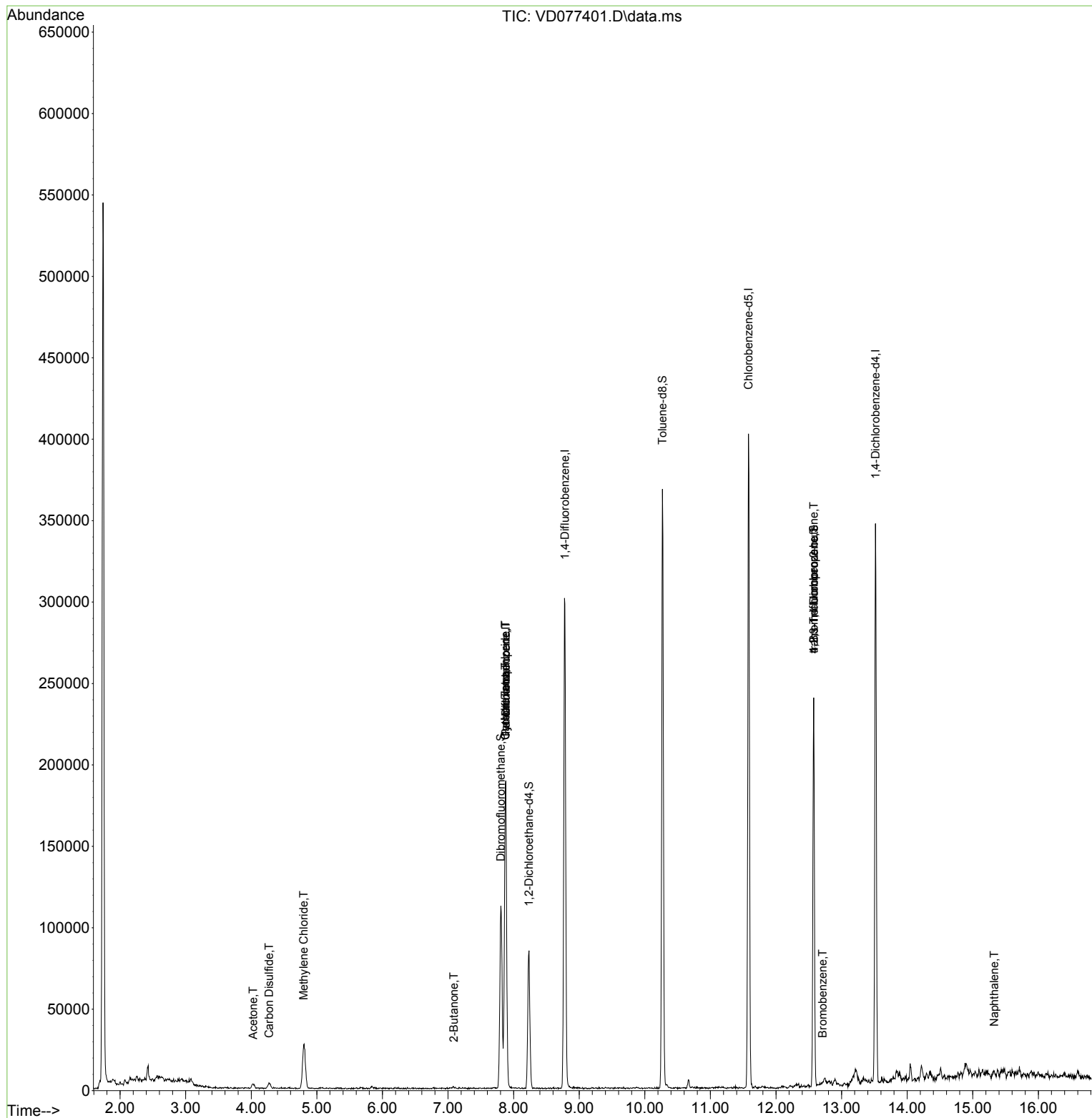
Internal Standards						
1) Pentafluorobenzene	7.881	168	155582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	288916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64462	46.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.800%
35) Dibromofluoromethane	7.805	113	84002	41.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.780%
50) Toluene-d8	10.269	98	267748	36.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.660%
62) 4-Bromofluorobenzene	12.575	95	70789	33.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.660%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	5094	16.721	ug/l #	72
17) Carbon Disulfide	4.269	76	7319	1.390	ug/l	96
20) Methylene Chloride	4.799	84	24017	9.126	ug/l	93
25) 2-Butanone	7.087	43	767	2.427	ug/l #	37
31) Cyclohexane	7.875	56	3037	1.405	ug/l #	44
36) 1,1-Dichloropropene	7.881	75	11420	4.282	ug/l #	49
38) Carbon Tetrachloride	7.875	117	14518	4.893	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	33612	26.570	ug/l #	100
77) Bromobenzene	12.710	156	2572	1.508	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	33612	91.712	ug/l #	17
95) Naphthalene	15.328	128	3394	1.064	ug/l #	74

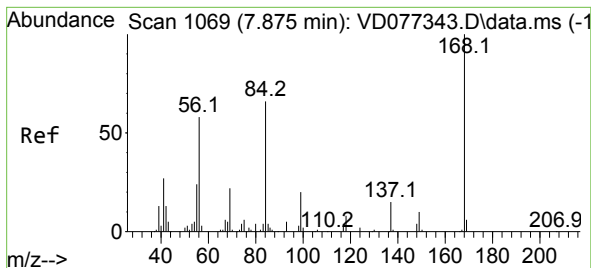
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077401.D

Acq: 24 Oct 2023 18:10

Instrument :

MSVOA_D

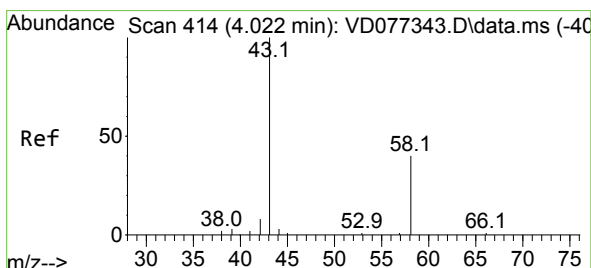
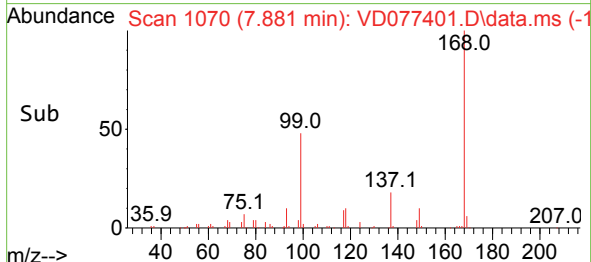
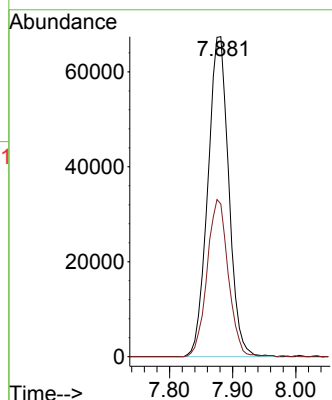
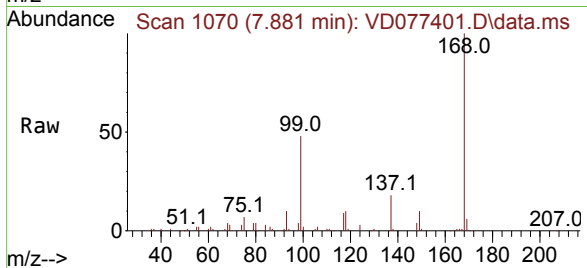
ClientSampleId :

Tgt Ion:168 Resp: 155582

Ion Ratio Lower Upper

168 100

99 47.7 36.7 55.1



#16

Acetone

Concen: 16.721 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD077401.D

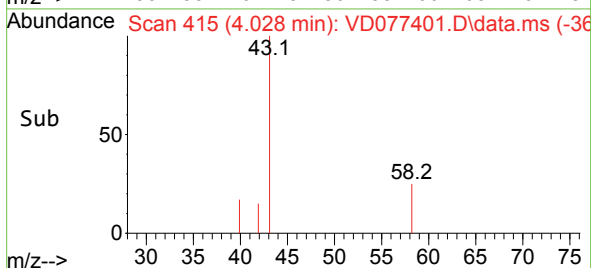
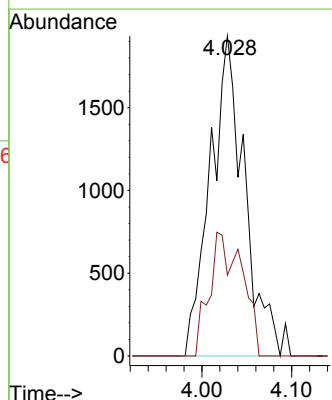
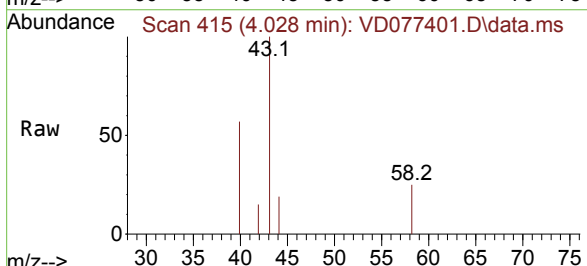
Acq: 24 Oct 2023 18:10

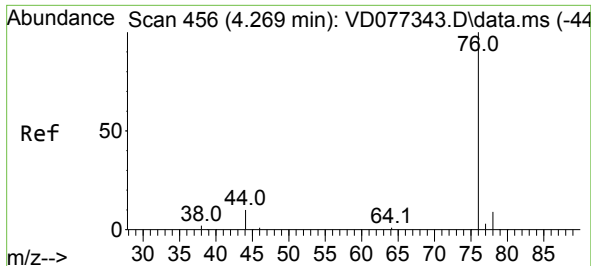
Tgt Ion: 43 Resp: 5094

Ion Ratio Lower Upper

43 100

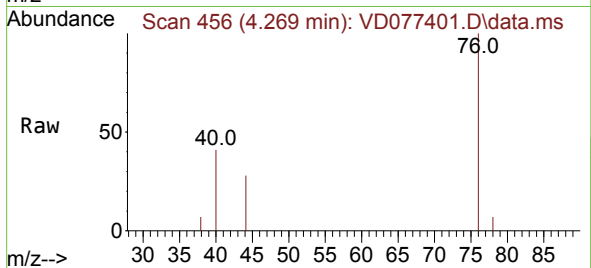
58 25.2 34.7 52.1#



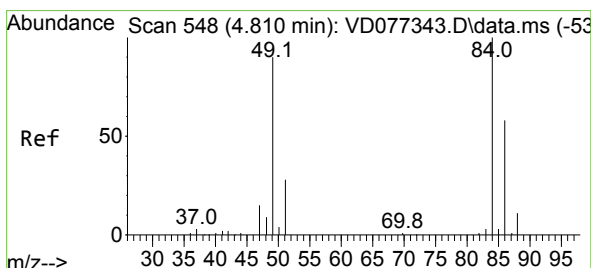
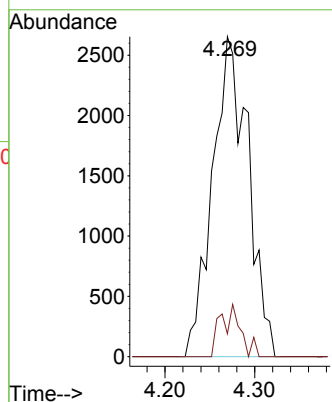
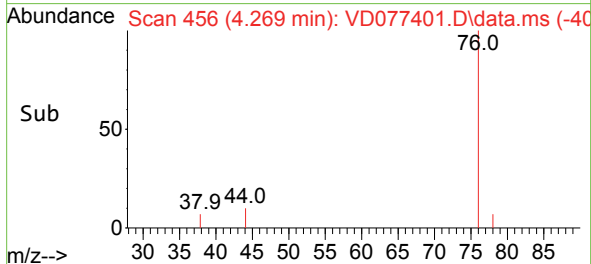


#17
Carbon Disulfide
Concen: 1.390 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

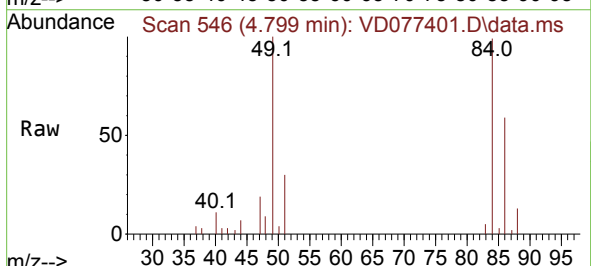
Instrument :
MSVOA_D
ClientSampleId :



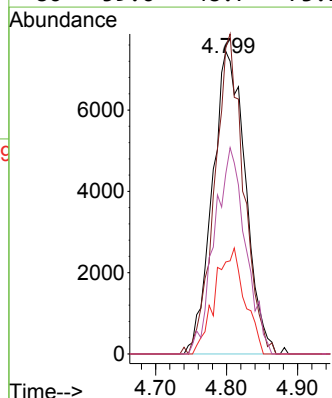
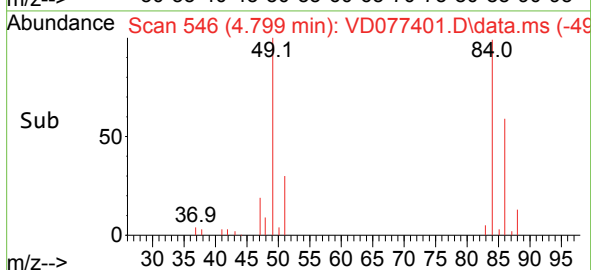
Tgt Ion: 76 Resp: 7319
Ion Ratio Lower Upper
76 100
78 7.1 6.8 10.2

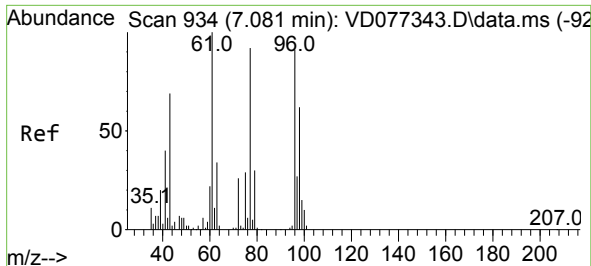


#20
Methylene Chloride
Concen: 9.126 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10



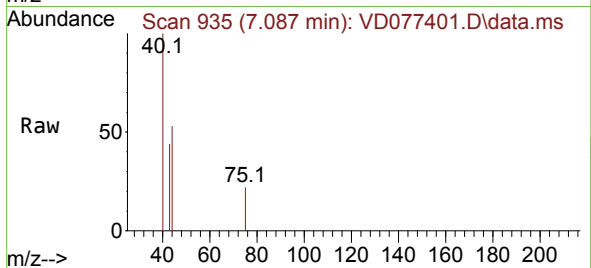
Tgt Ion: 84 Resp: 24017
Ion Ratio Lower Upper
84 100
49 101.3 71.4 107.2
51 30.4 24.5 36.7
86 59.6 48.7 73.1



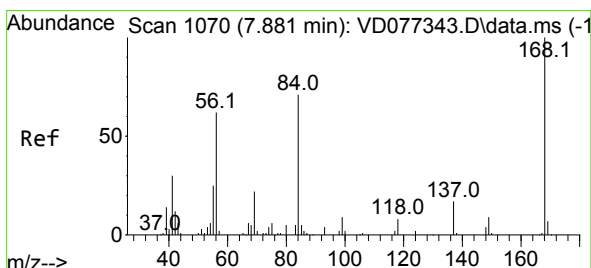
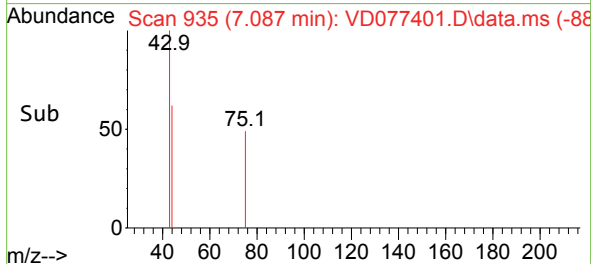
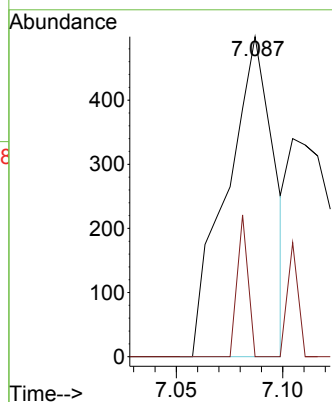


#25
2-Butanone
Concen: 2.427 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

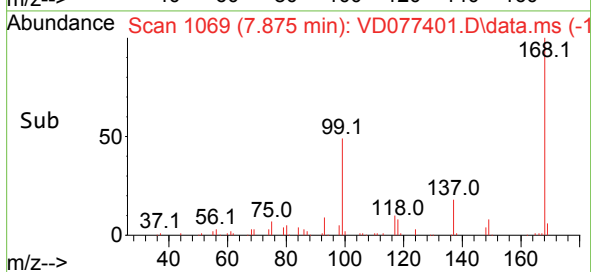
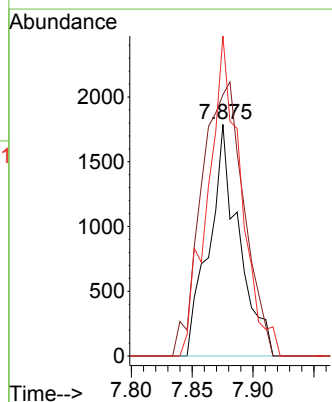
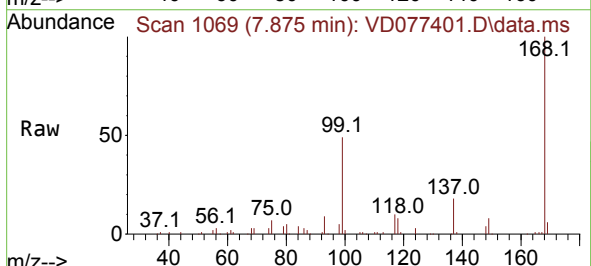


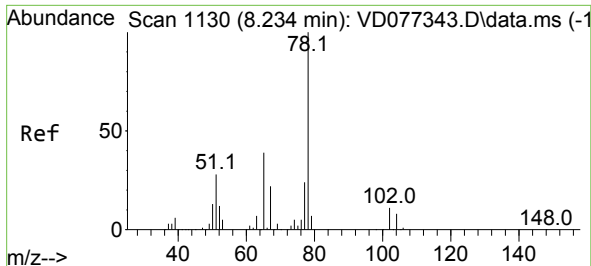
Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

Tgt Ion: 56 Resp: 3037
Ion Ratio Lower Upper
56 100
69 112.8 28.6 43.0#
84 138.2 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 46.400 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD077401.D

Acq: 24 Oct 2023 18:10

Instrument :

MSVOA_D

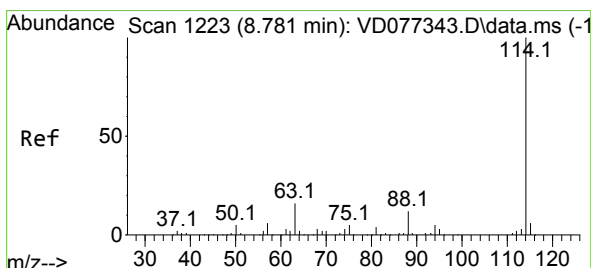
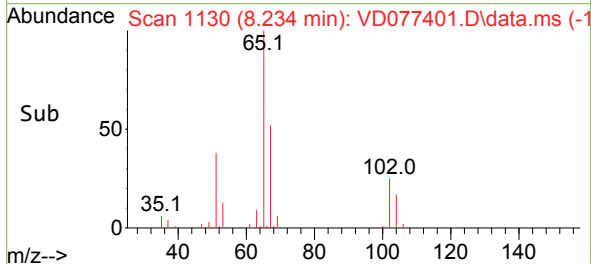
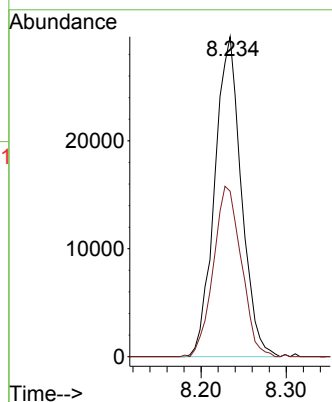
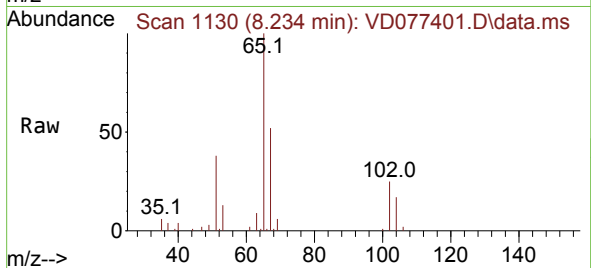
ClientSampleId :

Tgt Ion: 65 Resp: 64462

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077401.D

Acq: 24 Oct 2023 18:10

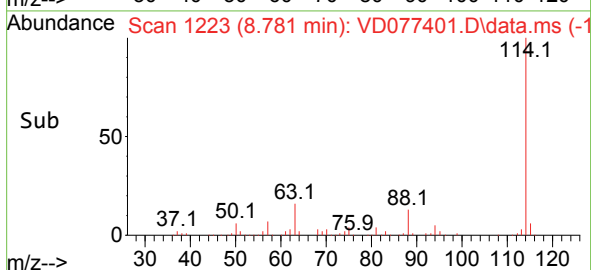
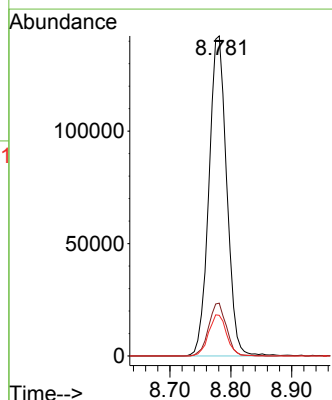
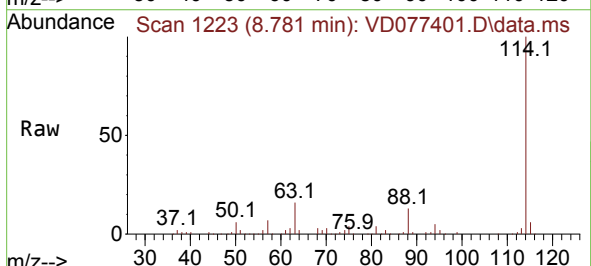
Tgt Ion:114 Resp: 288916

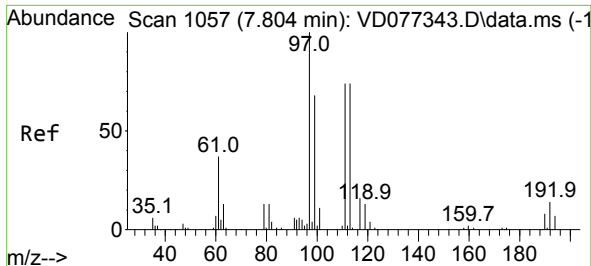
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

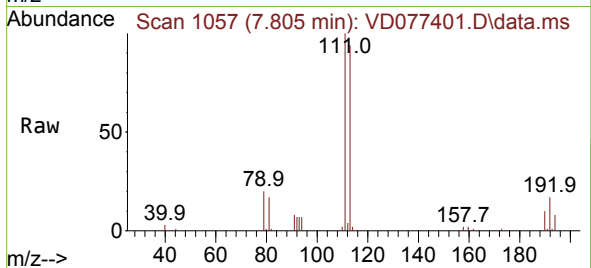
88 12.7 0.0 26.2



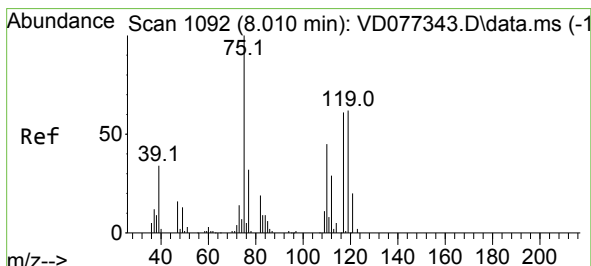
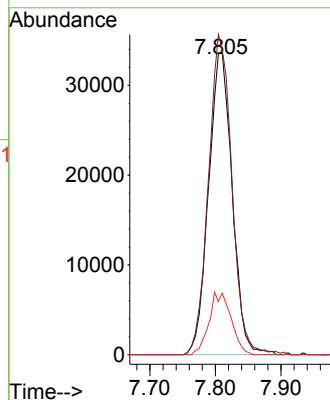
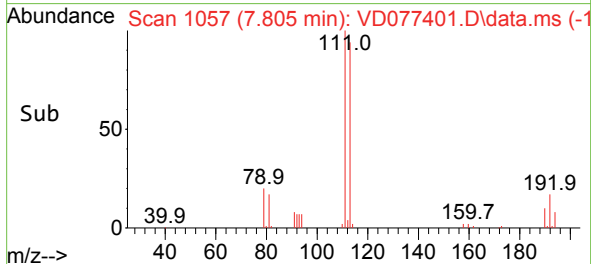


#35
Dibromofluoromethane
Concen: 41.385 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :

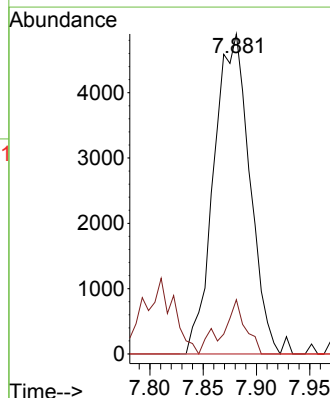
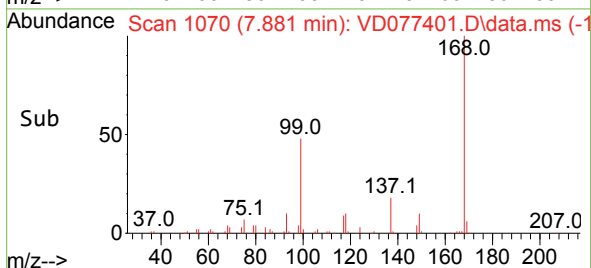
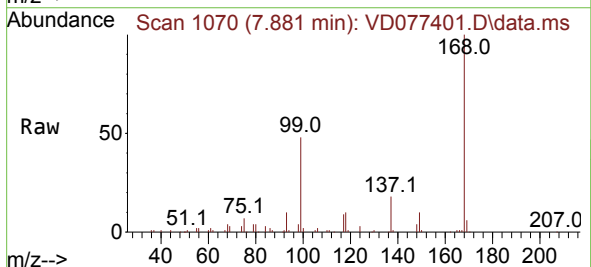


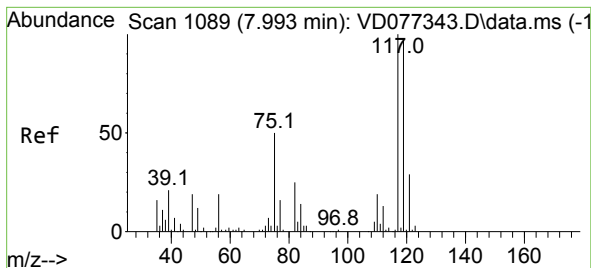
Tgt Ion:113 Resp: 84002
Ion Ratio Lower Upper
113 100
111 105.5 84.7 127.1
192 19.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

Tgt Ion: 75 Resp: 11420
Ion Ratio Lower Upper
75 100
110 10.9 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.893 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

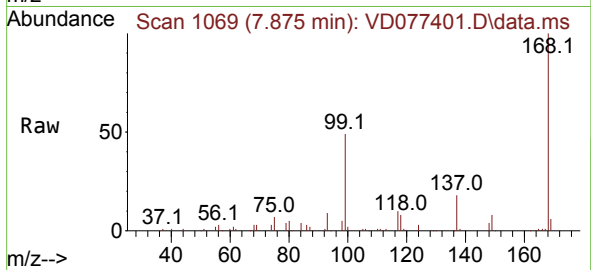
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Acq: 24 Oct 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :



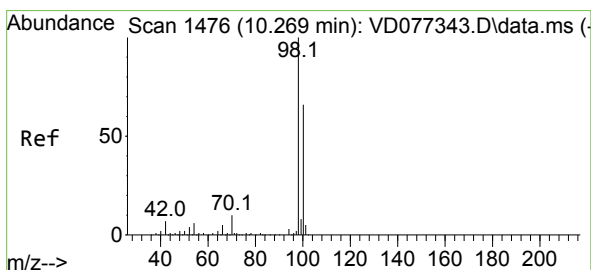
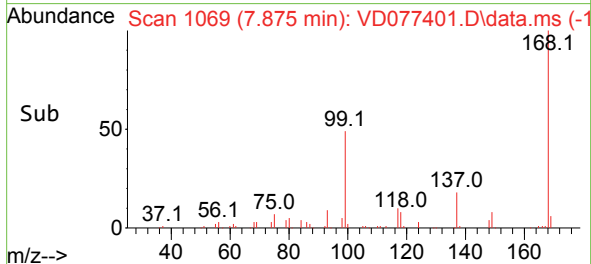
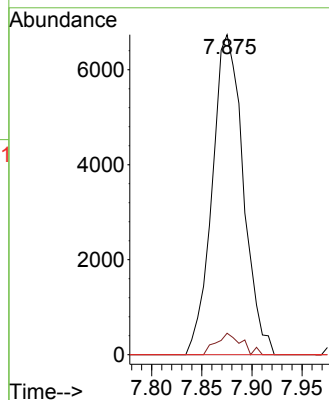
Tgt Ion:117 Resp: 14518

Ion Ratio Lower Upper

117 100

119 6.7 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 36.833 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077401.D

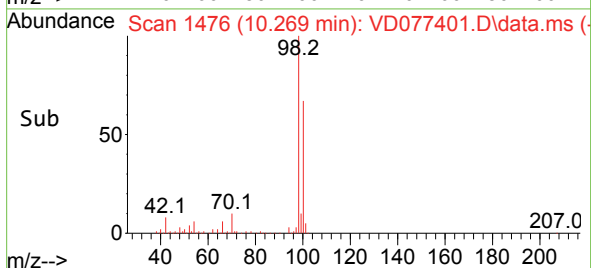
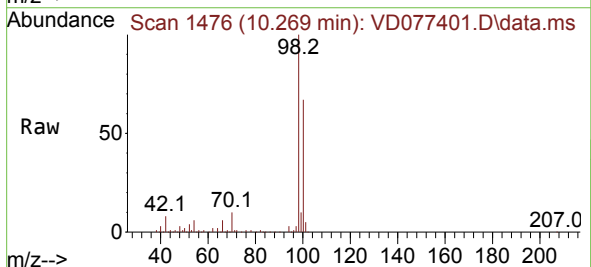
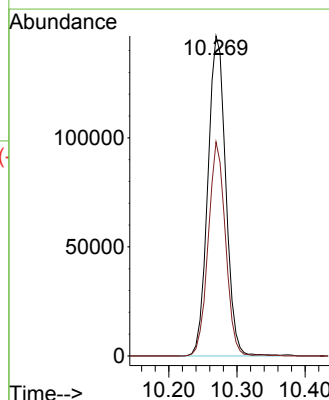
Acq: 24 Oct 2023 18:10

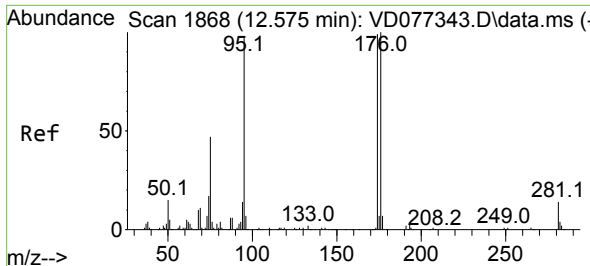
Tgt Ion: 98 Resp: 267748

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

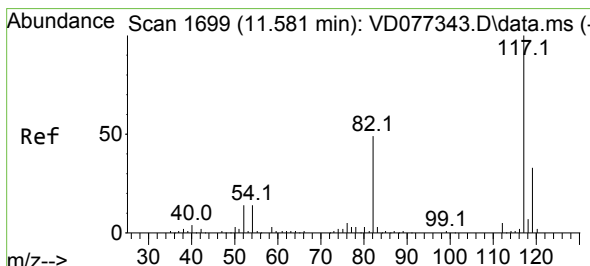
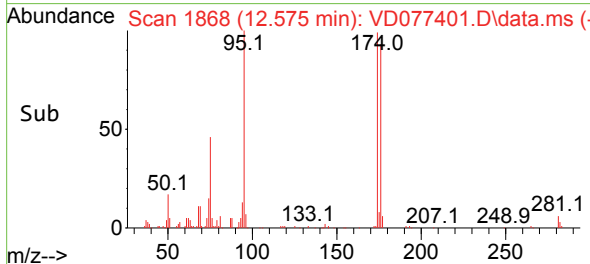
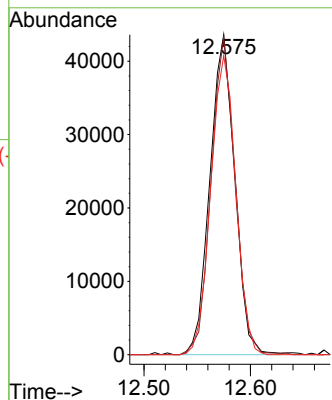
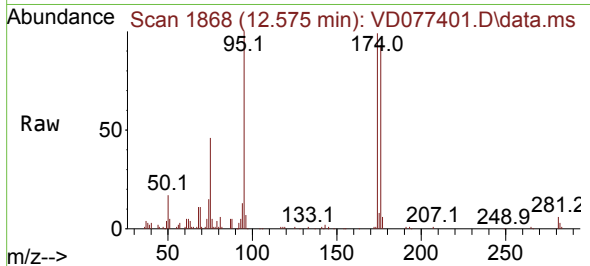




#62
4-Bromofluorobenzene
Concen: 33.830 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

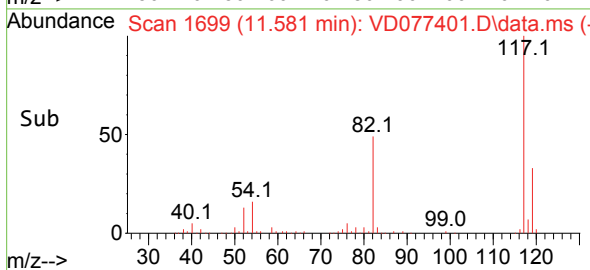
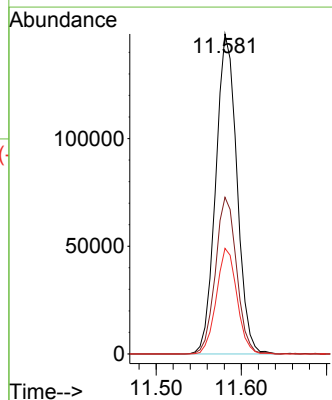
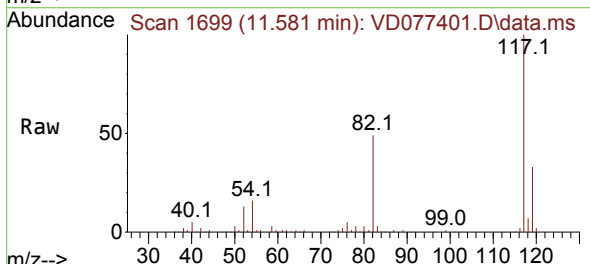
Instrument :
MSVOA_D
ClientSampleId :

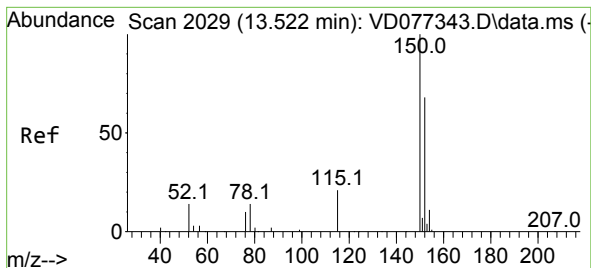
Tgt Ion: 95 Resp: 70789
Ion Ratio Lower Upper
95 100
174 95.6 0.0 201.8
176 93.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

Tgt Ion: 117 Resp: 256745
Ion Ratio Lower Upper
117 100
82 48.9 38.3 57.5
119 33.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

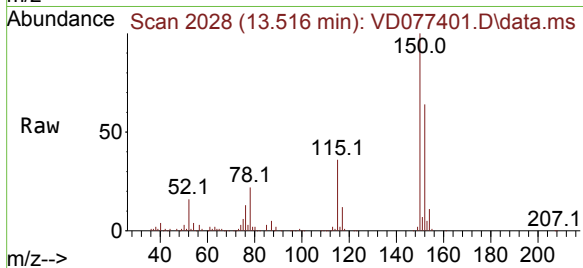
Lab File: VD077401.D

Acq: 24 Oct 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :



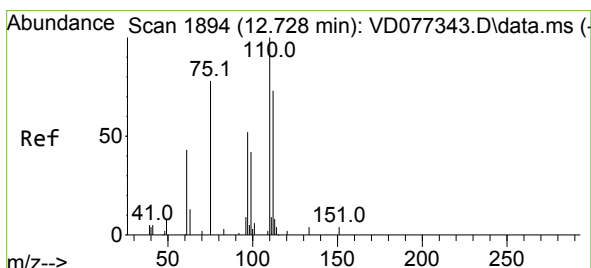
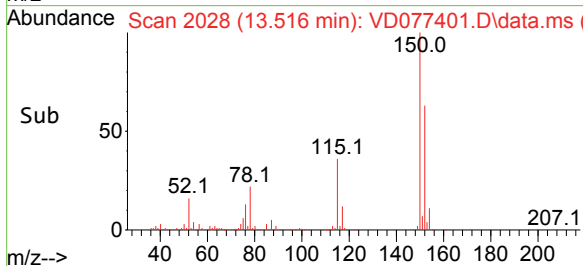
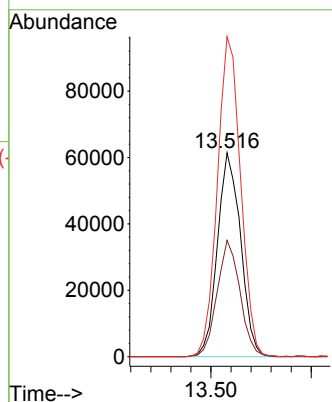
Tgt Ion:152 Resp: 98204

Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 158.0 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 26.570 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD077401.D

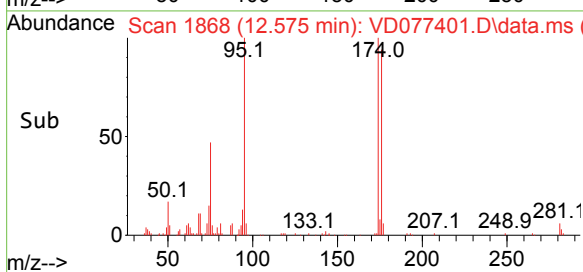
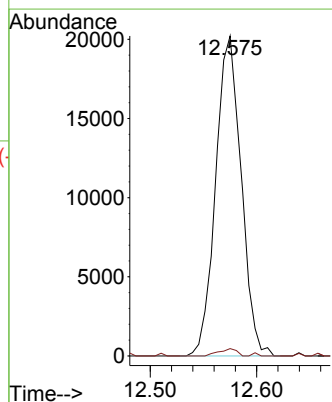
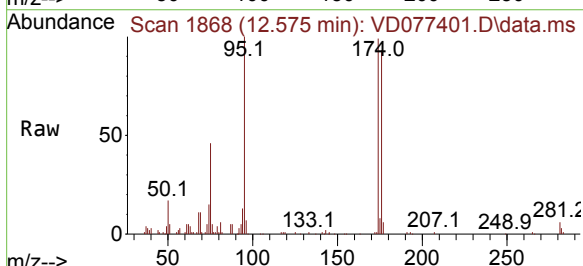
Acq: 24 Oct 2023 18:10

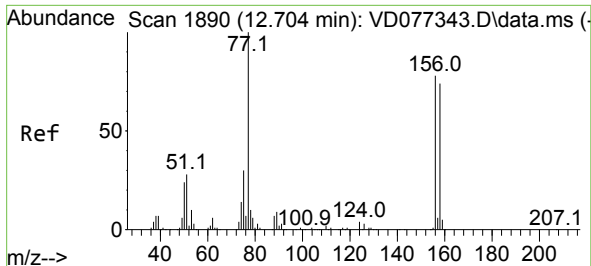
Tgt Ion: 75 Resp: 33612

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

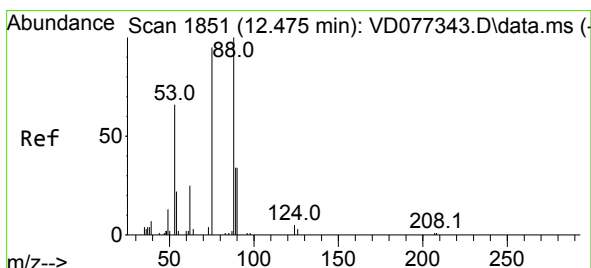
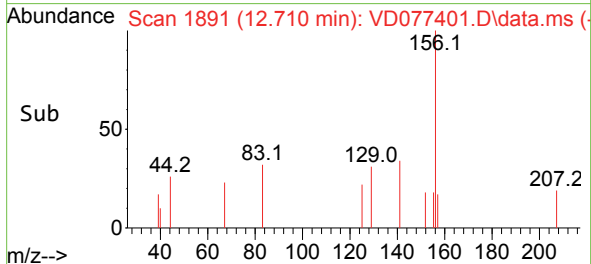
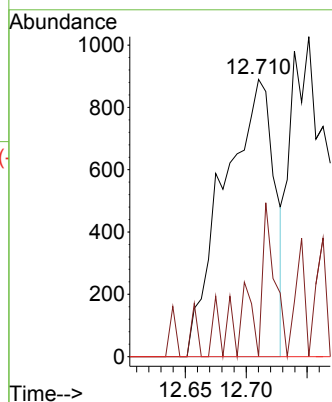
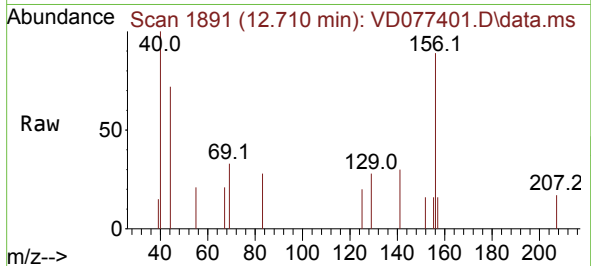




#77
Bromobenzene
Concen: 1.508 ug/l
RT: 12.710 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

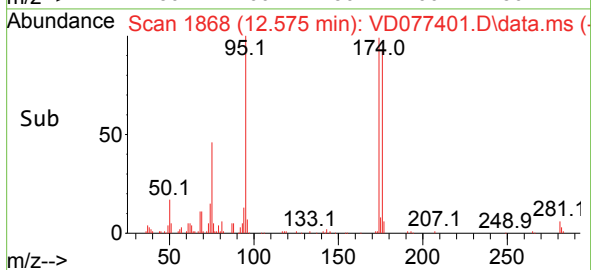
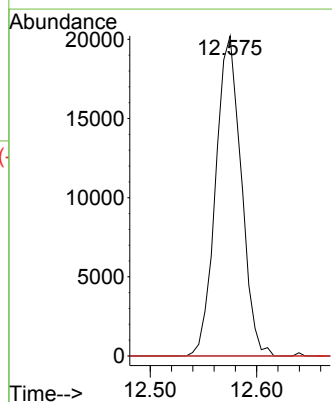
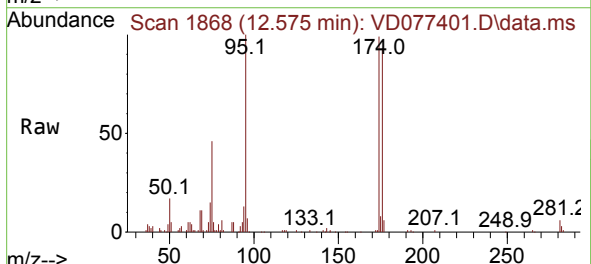
Instrument :
MSVOA_D
ClientSampleId :

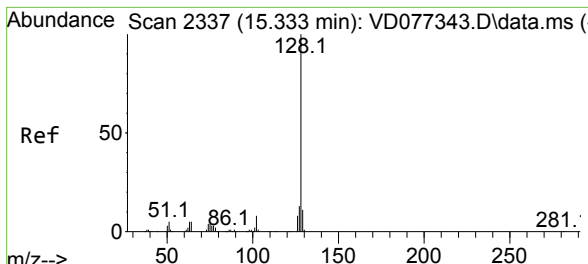
Tgt Ion:156 Resp: 2572
Ion Ratio Lower Upper
156 100
77 21.3 76.8 230.4#
158 0.0 48.6 145.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.712 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

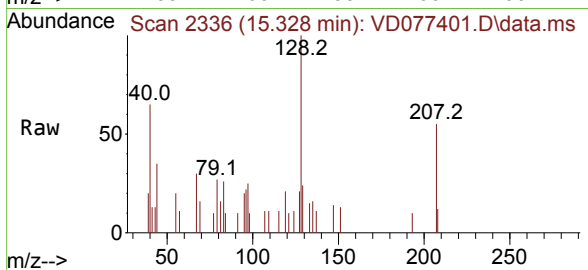
Tgt Ion: 75 Resp: 33612
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.064 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077401.D
Acq: 24 Oct 2023 18:10

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 3394
Ion Ratio Lower Upper
128 100
127 20.7 10.5 15.7#
129 23.9 8.7 13.1#

