

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076901.D
 Acq On : 02 Aug 2023 16:41
 Operator : KP/SY
 Sample : 03860-06
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2B

Quant Time: Aug 03 01:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

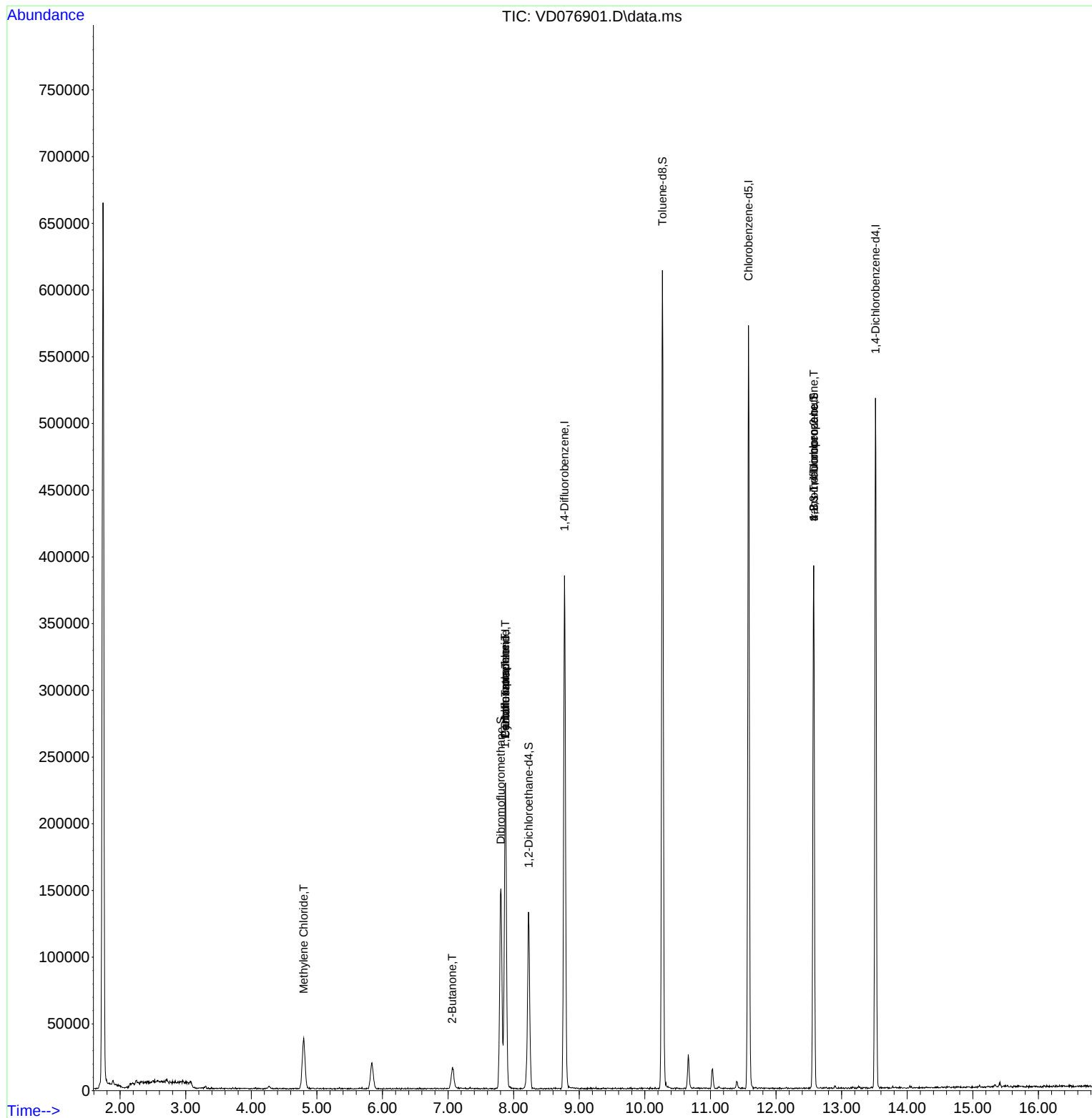
Internal Standards						
1) Pentafluorobenzene	7.875	168	178421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93989	52.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.780%	
35) Dibromofluoromethane	7.804	113	112390	50.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.880%	
50) Toluene-d8	10.269	98	427211	54.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.260%	
62) 4-Bromofluorobenzene	12.575	95	122179	47.849	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.700%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	29746	1.852	ug/l	96
25) 2-Butanone	7.063	43	759	1.336	ug/l #	37
31) Cyclohexane	7.875	56	3955	1.512	ug/l #	22
36) 1,1-Dichloropropene	7.869	75	14648	5.081	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18002	6.521	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	64724	49.606	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	64724	105.573	ug/l #	17

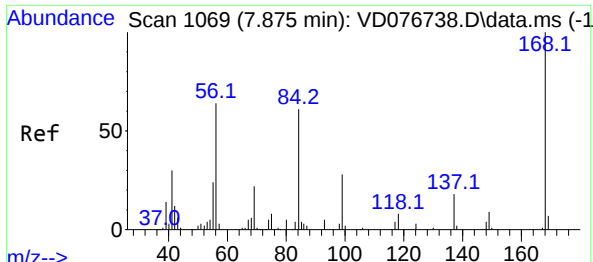
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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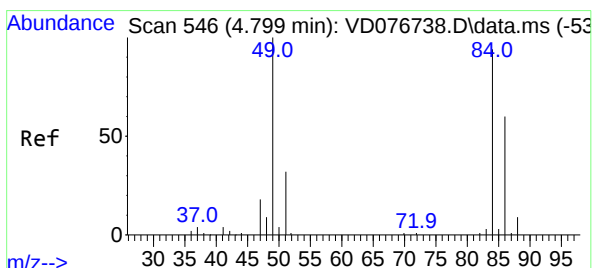
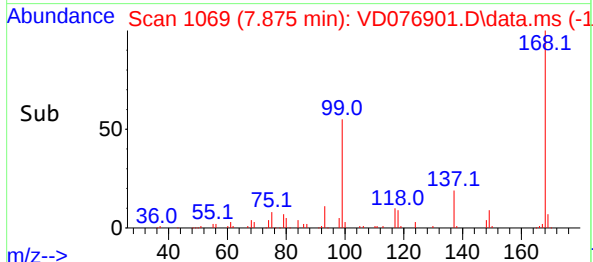
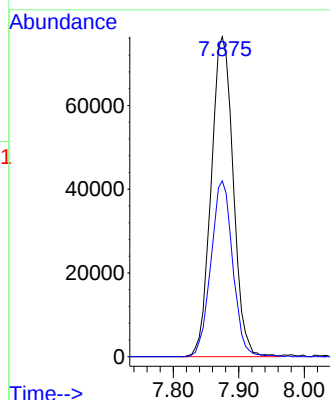
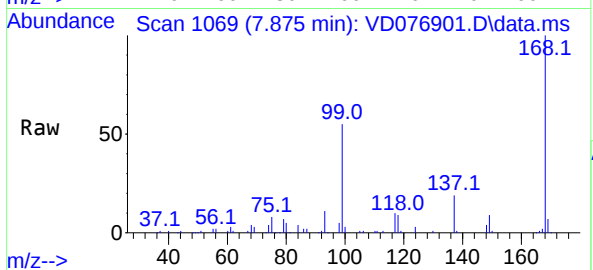




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

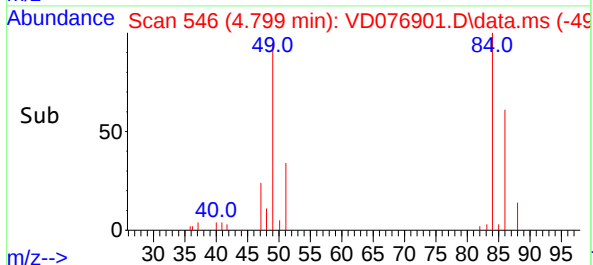
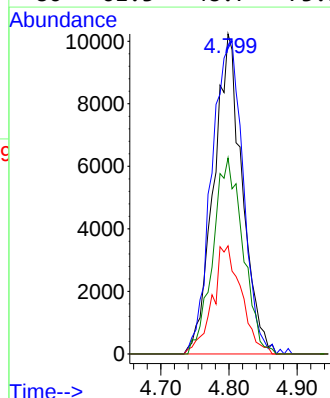
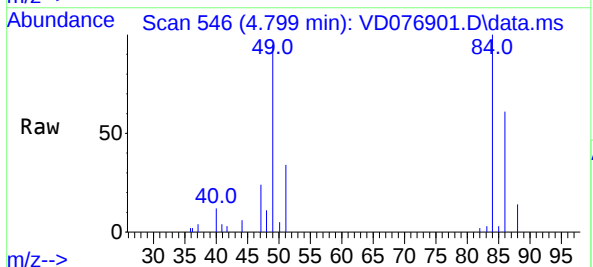
Instrument :
MSVOA_D
ClientSampleId :
SP-2B

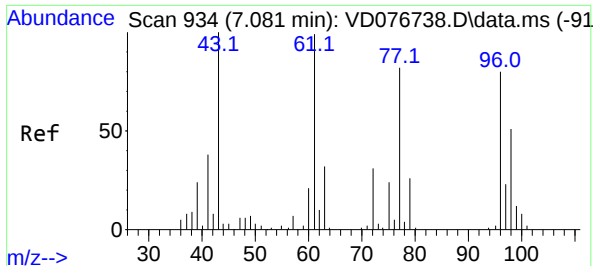
Tgt Ion:168 Resp: 178421
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#20
Methylene Chloride
Concen: 1.852 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

Tgt Ion: 84 Resp: 29746
Ion Ratio Lower Upper
84 100
49 95.4 71.4 107.2
51 33.8 24.5 36.7
86 61.3 48.7 73.1

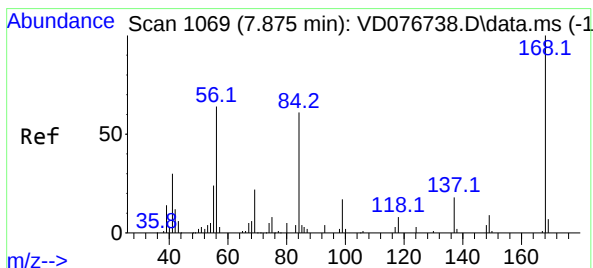
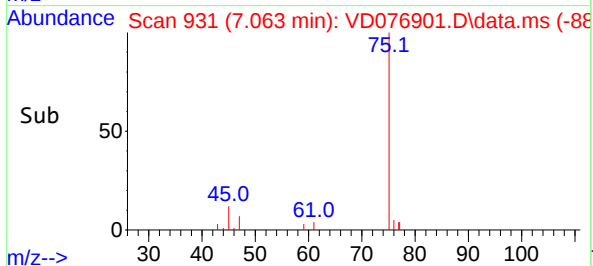
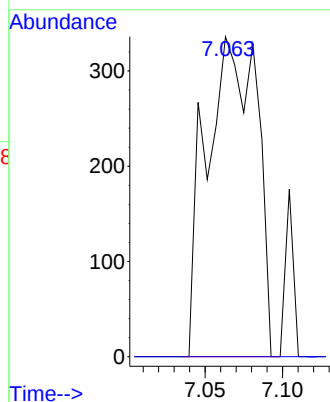
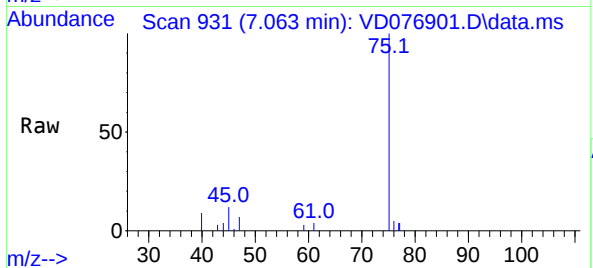




#25
2-Butanone
Concen: 1.336 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

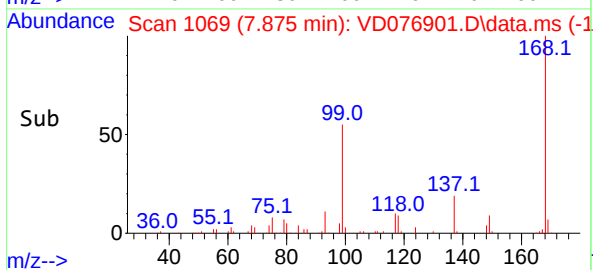
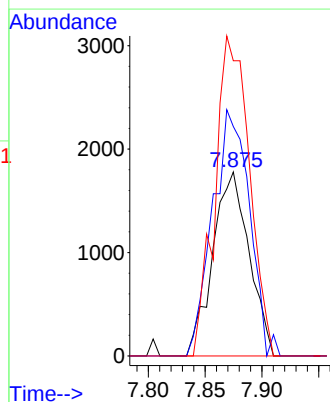
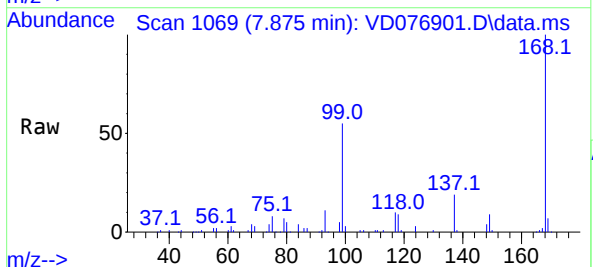
Instrument :
MSVOA_D
ClientSampleId :
SP-2B

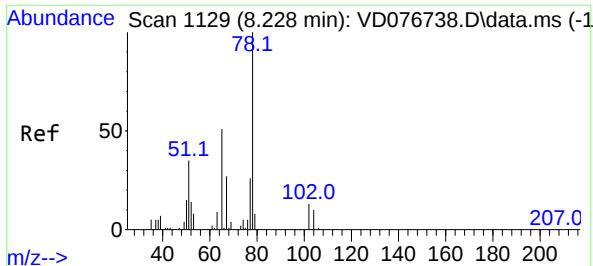
Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.512 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

Tgt Ion: 56 Resp: 3955
Ion Ratio Lower Upper
56 100
69 124.7 28.6 43.0#
84 160.4 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 52.888 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076901.D

Acq: 02 Aug 2023 16:41

Instrument :

MSVOA_D

ClientSampleId :

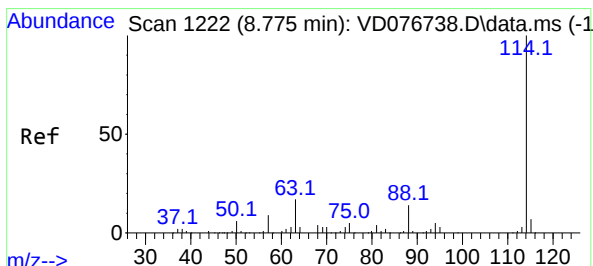
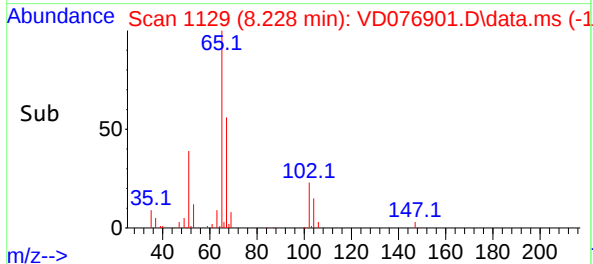
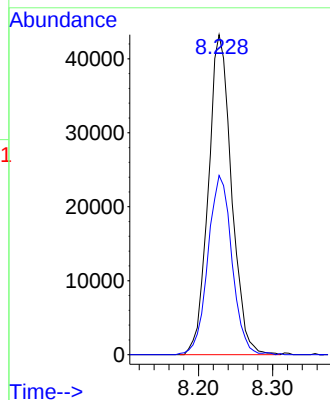
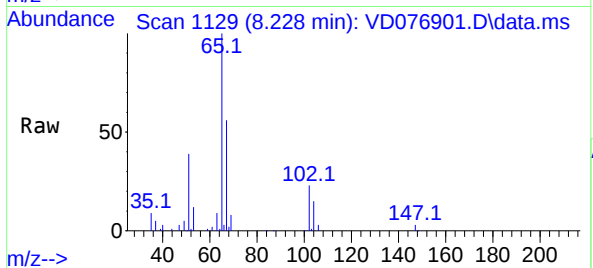
SP-2B

Tgt Ion: 65 Resp: 93989

Ion Ratio Lower Upper

65 100

67 58.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076901.D

Acq: 02 Aug 2023 16:41

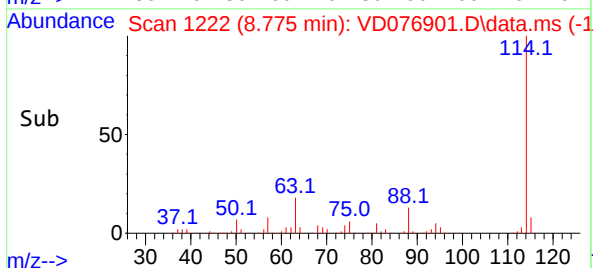
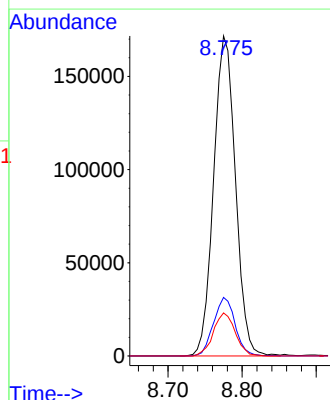
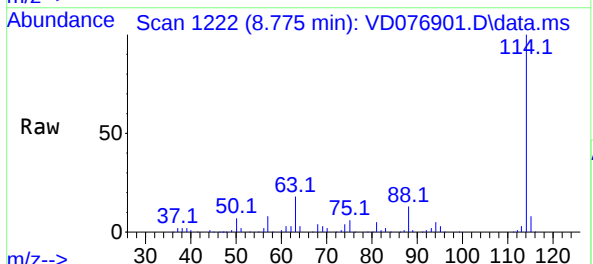
Tgt Ion: 114 Resp: 351106

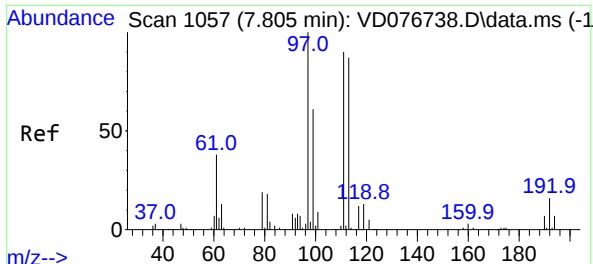
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

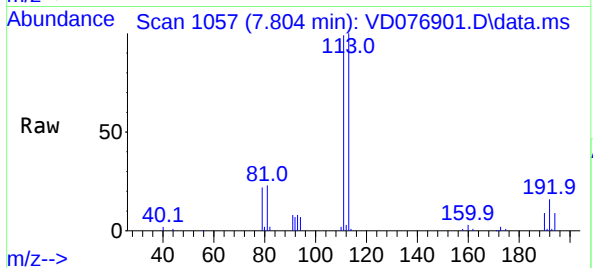
88 13.5 0.0 26.2



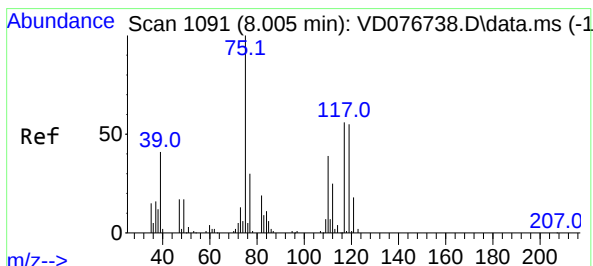
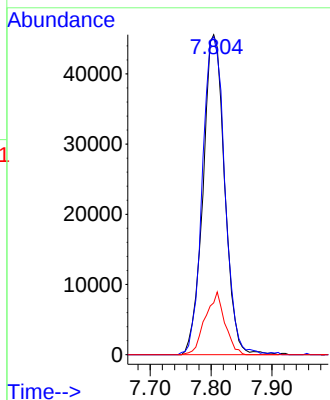
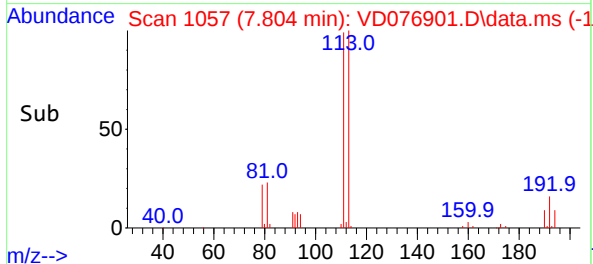


#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

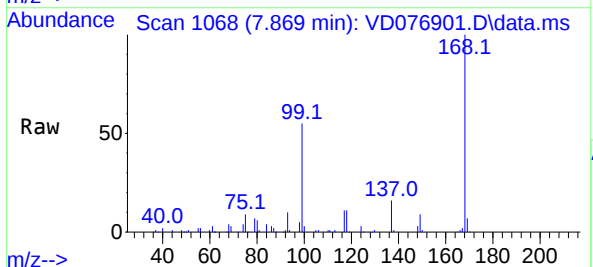
Instrument :
MSVOA_D
ClientSampleId :
SP-2B



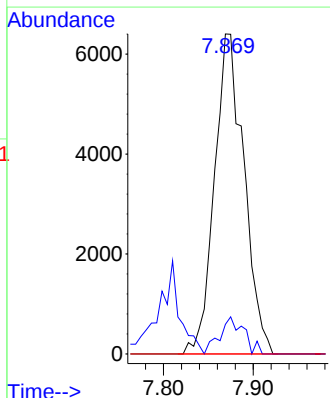
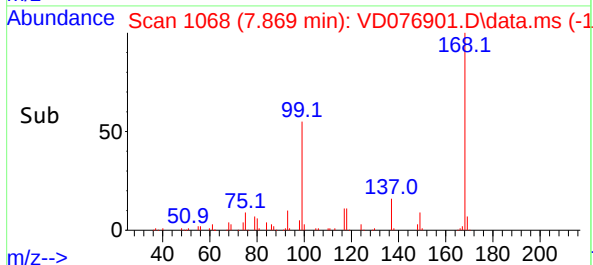
Tgt Ion:113 Resp: 112390
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 17.8 16.8 25.2

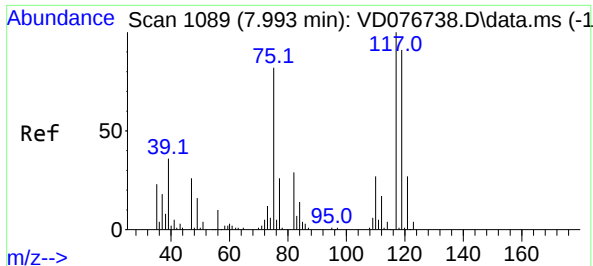


#36
1,1-Dichloropropene
Concen: 5.081 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41



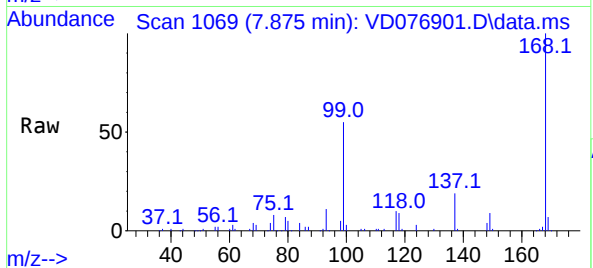
Tgt Ion: 75 Resp: 14648
Ion Ratio Lower Upper
75 100
110 9.5 19.9 59.6#
77 0.0 24.7 37.1#



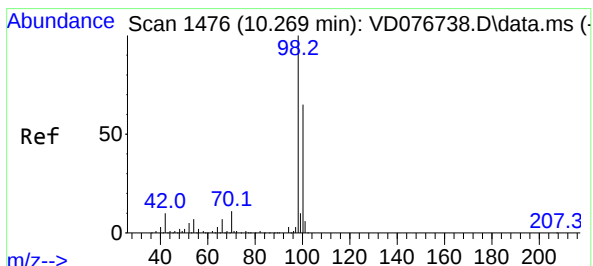
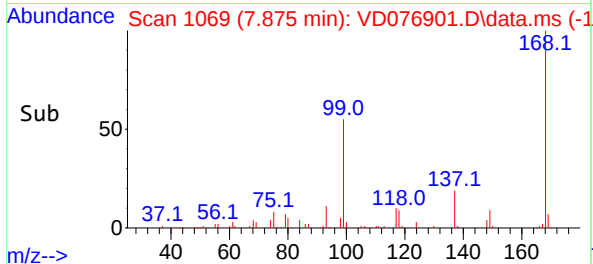
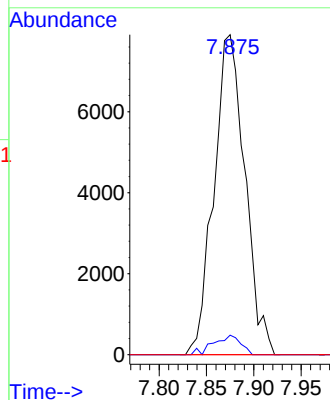


#38
Carbon Tetrachloride
Concen: 6.521 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

Instrument :
MSVOA_D
ClientSampleId :
SP-2B

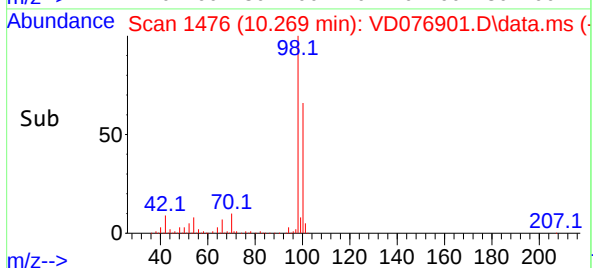
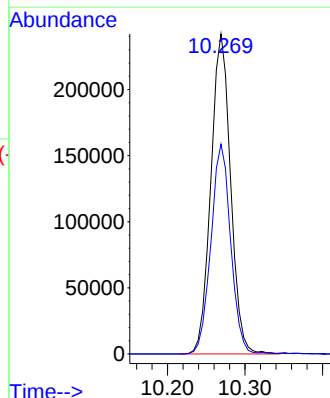
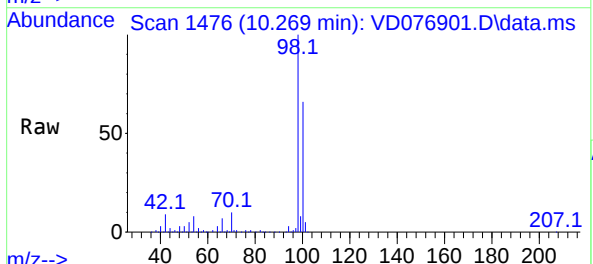


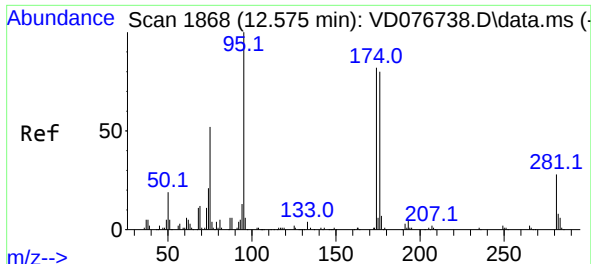
Tgt Ion:117 Resp: 18002
Ion Ratio Lower Upper
117 100
119 6.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.125 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

Tgt Ion: 98 Resp: 427211
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5

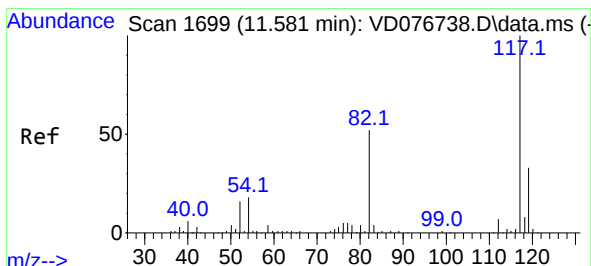
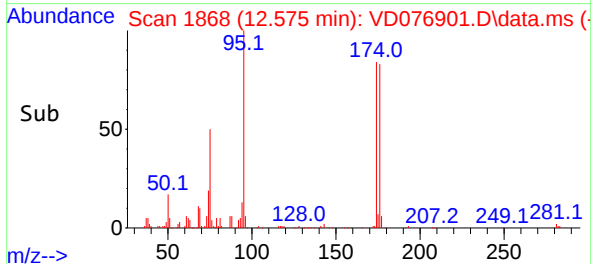
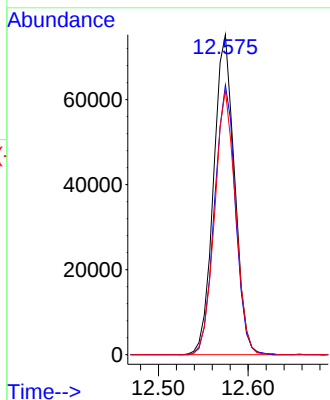
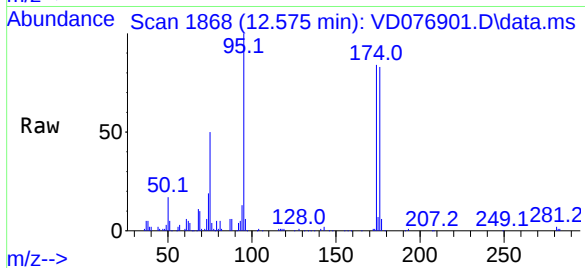




#62
4-Bromofluorobenzene
Concen: 47.849 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

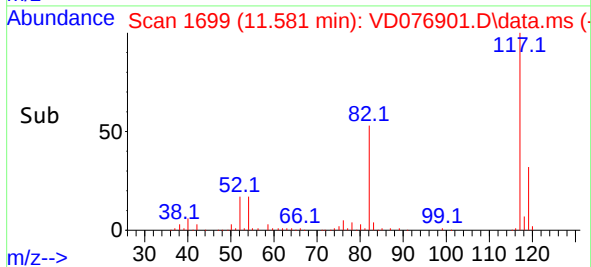
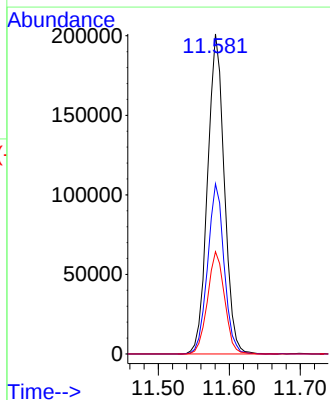
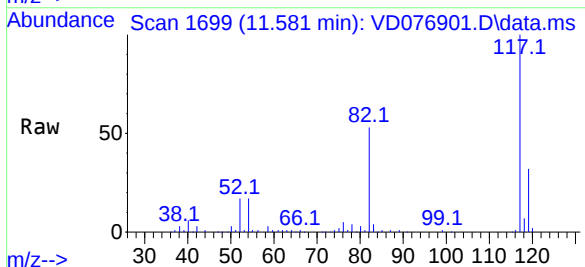
Instrument :
MSVOA_D
ClientSampleId :
SP-2B

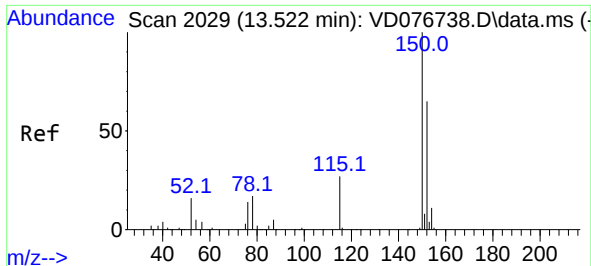
Tgt Ion: 95 Resp: 122179
Ion Ratio Lower Upper
95 100
174 83.8 0.0 201.8
176 82.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076901.D
Acq: 02 Aug 2023 16:41

Tgt Ion: 117 Resp: 330101
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 31.9 25.0 37.4

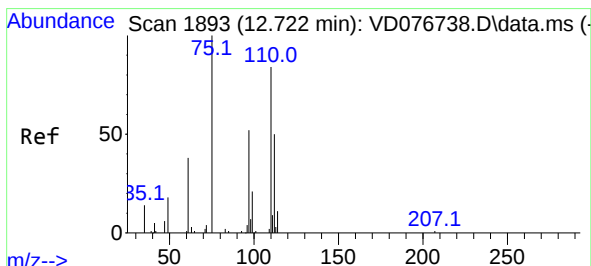
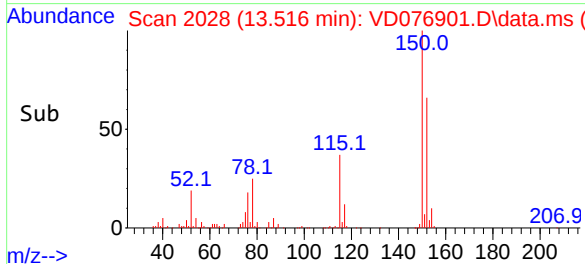
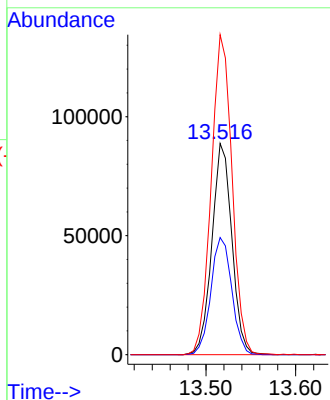
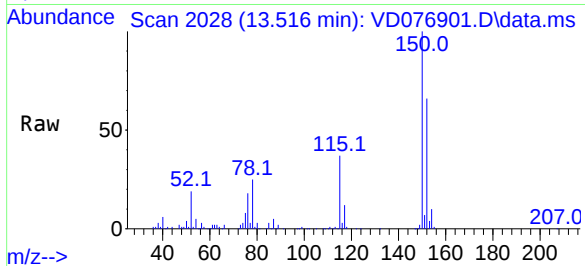




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076901.D
 Acq: 02 Aug 2023 16:41

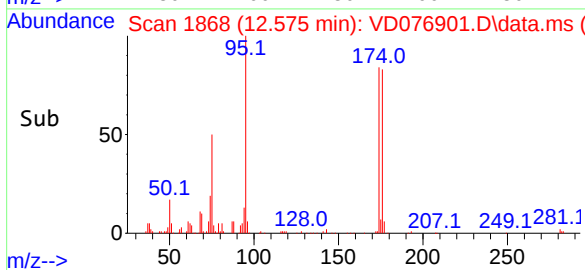
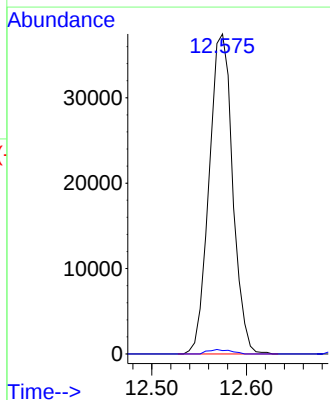
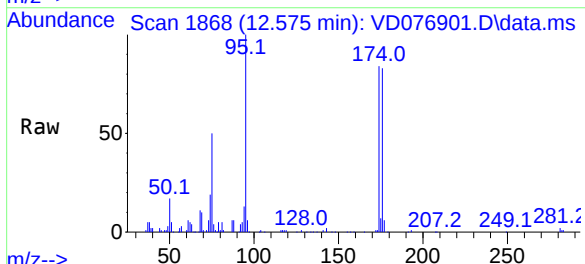
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2B

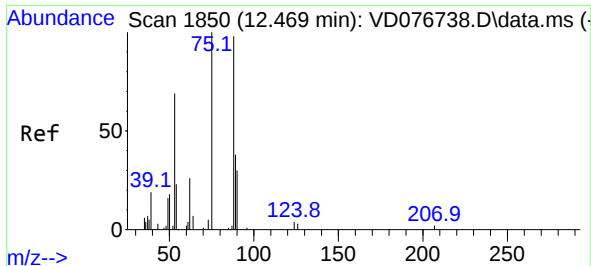
Tgt Ion:152 Resp: 137202
 Ion Ratio Lower Upper
 152 100
 115 58.0 27.1 81.3
 150 157.8 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 49.606 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076901.D
 Acq: 02 Aug 2023 16:41

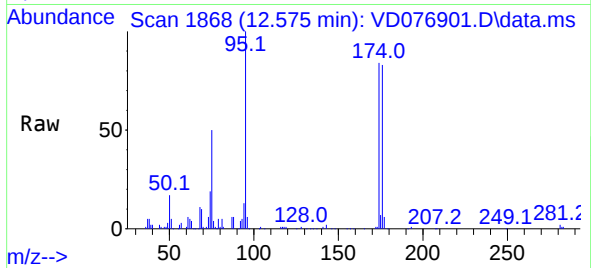
Tgt Ion: 75 Resp: 64724
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.573 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076901.D
 Acq: 02 Aug 2023 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2B



Tgt Ion:	75	Resp:	64724
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

