

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077062.D
 Acq On : 29 Aug 2023 15:20
 Operator : JC/SY
 Sample : 04196-31
 Misc : 5.20G/5.3ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:00:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

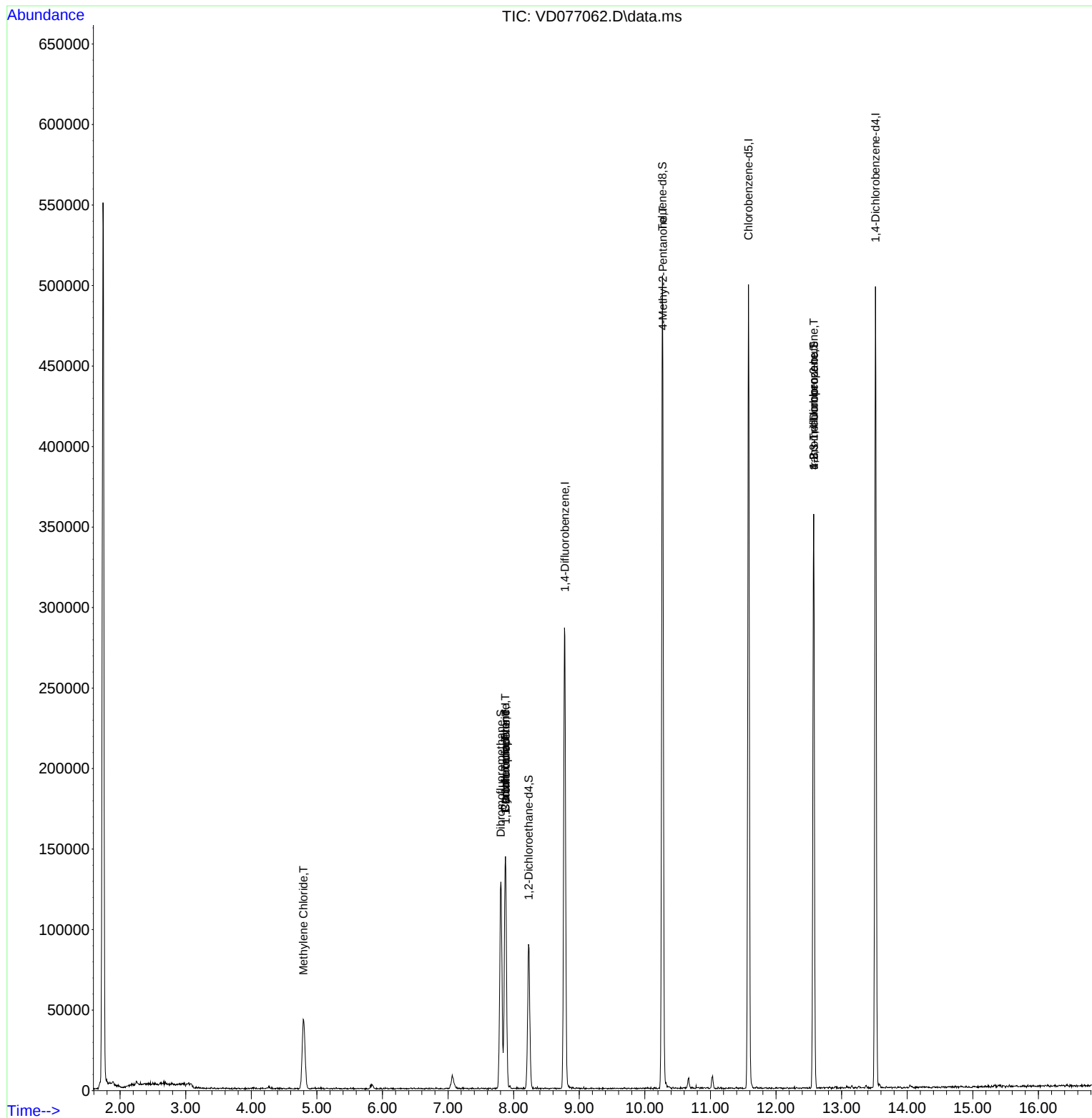
Internal Standards						
1) Pentafluorobenzene	7.875	168	116388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	275094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	297895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70419	61.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.900%	
35) Dibromofluoromethane	7.804	113	94642	51.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.269	98	355696	53.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.575	95	109361	55.789	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	67	Below Cal	#	41
20) Methylene Chloride	4.793	84	36732	20.075	ug/l #	97
31) Cyclohexane	7.875	56	2308	1.261	ug/l #	29
36) 1,1-Dichloropropene	7.881	75	9308	3.555	ug/l #	46
38) Carbon Tetrachloride	7.875	117	10942	4.134	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1346	1.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	55402	41.637	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	55402	96.672	ug/l #	17

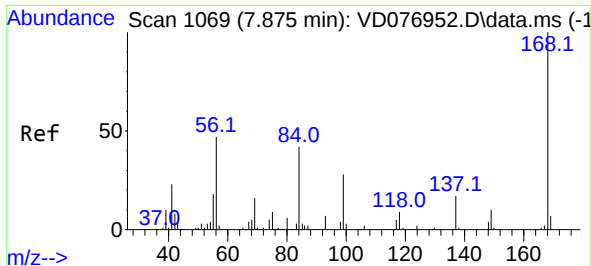
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 29 21:00:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration

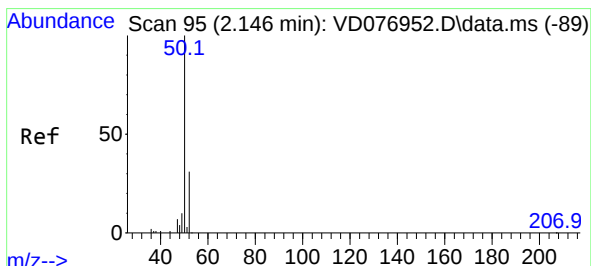
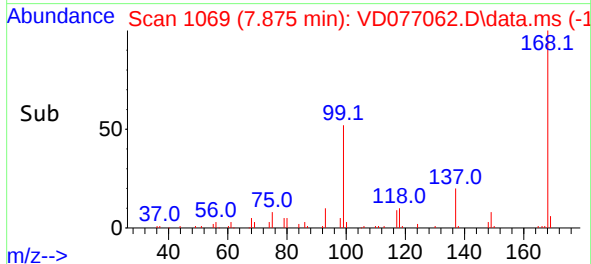
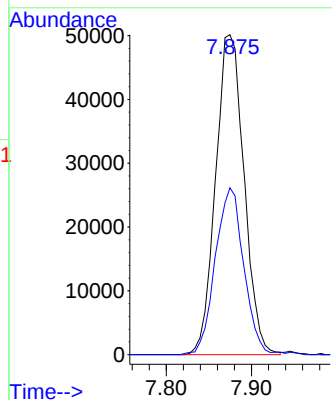
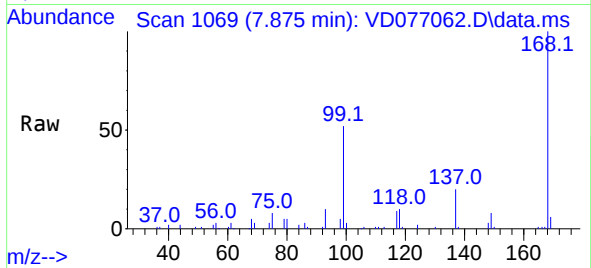




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

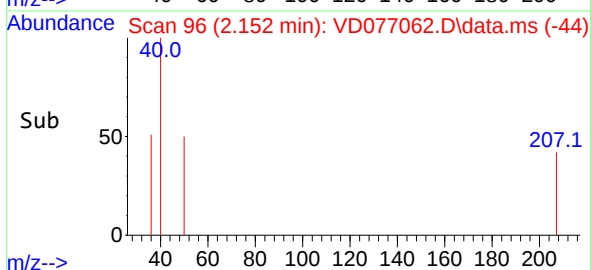
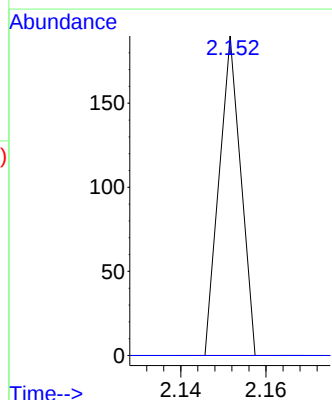
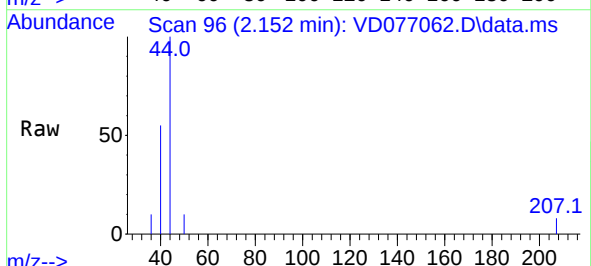
Instrument :
MSVOA_D
ClientSampleId :

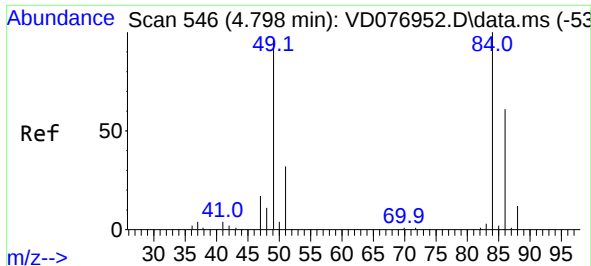
Tgt Ion:168 Resp: 116388
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

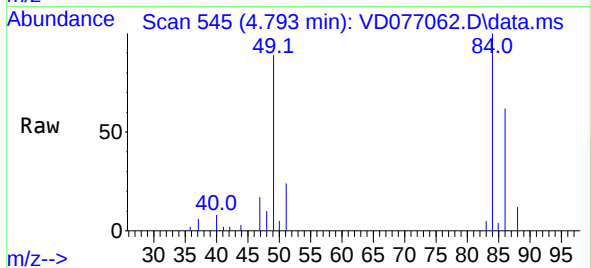
Tgt Ion: 50 Resp: 67
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





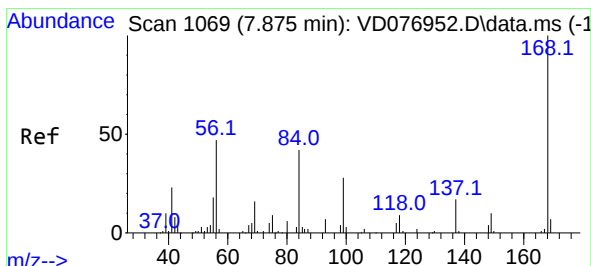
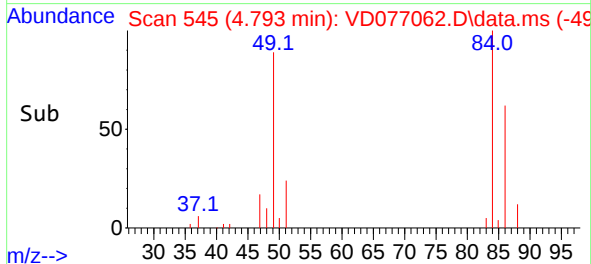
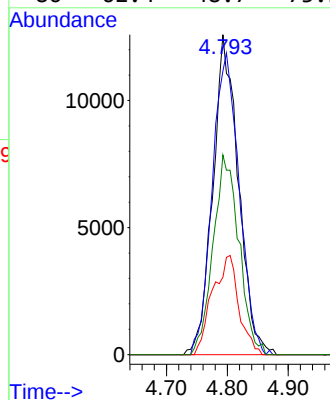
#20
Methylene Chloride
Concen: 20.075 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 36732

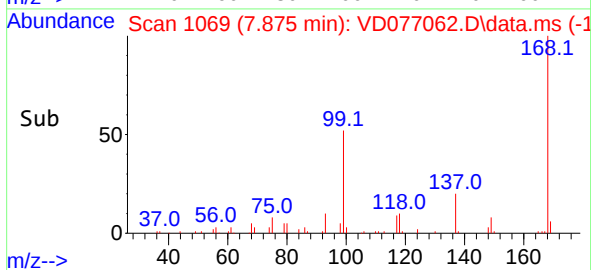
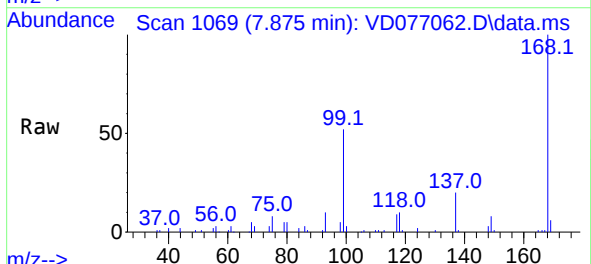
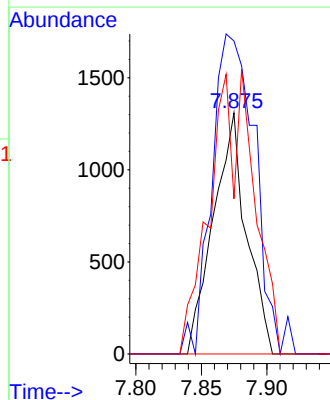
Ion	Ratio	Lower	Upper
84	100		
49	88.6	71.4	107.2
51	24.2	24.5	36.7#
86	62.4	48.7	73.1

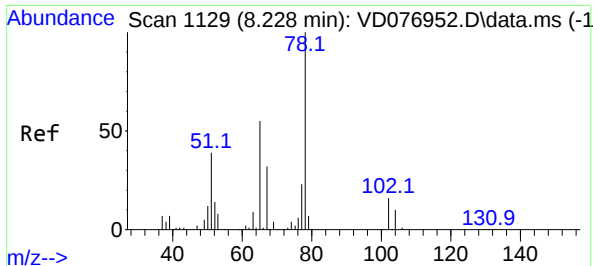


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Tgt Ion: 56 Resp: 2308

Ion	Ratio	Lower	Upper
56	100		
69	129.8	28.6	43.0#
84	64.4	84.8	127.2#

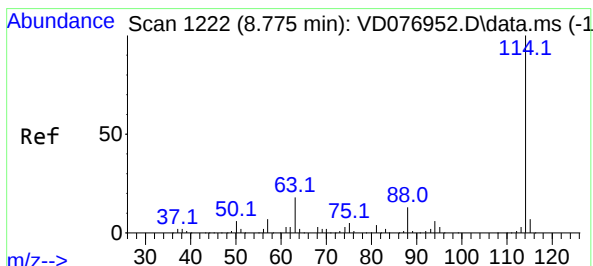
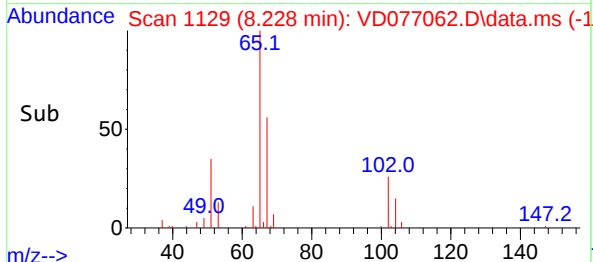
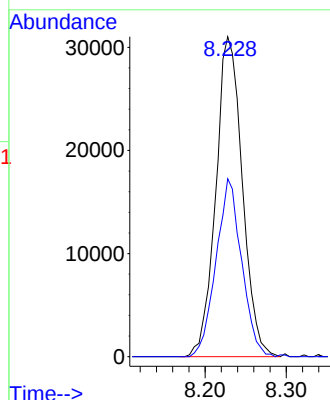
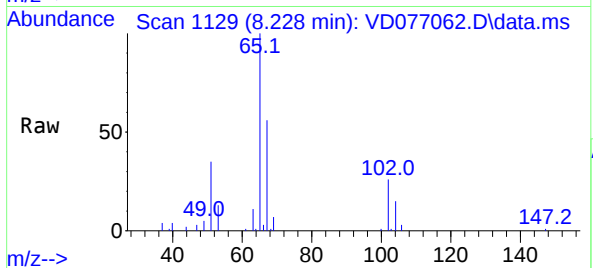




#33
1,2-Dichloroethane-d4
Concen: 61.452 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

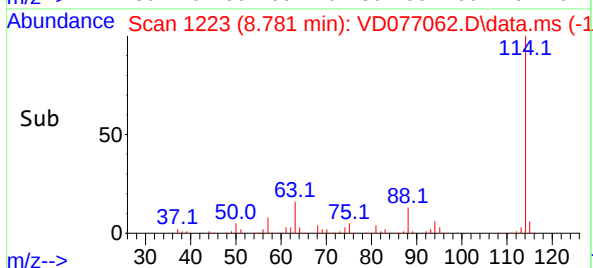
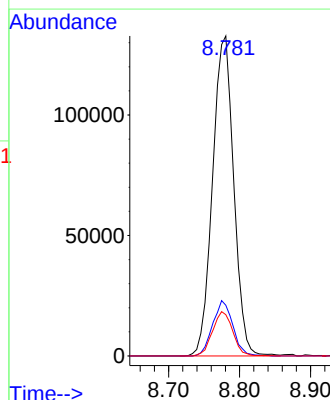
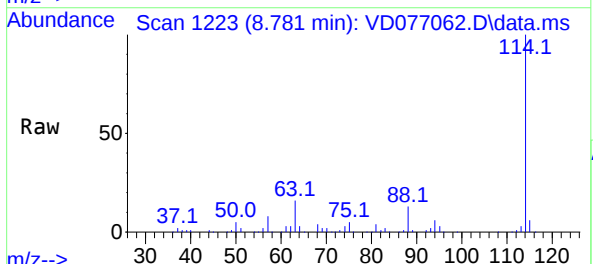
Instrument :
MSVOA_D
ClientSampleId :

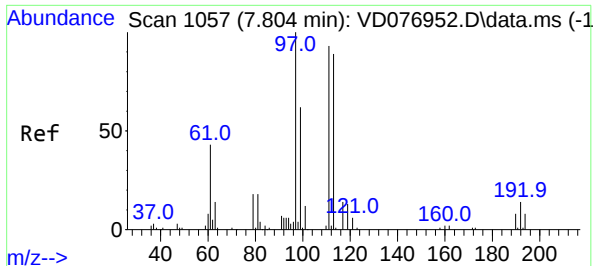
Tgt Ion: 65 Resp: 70419
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

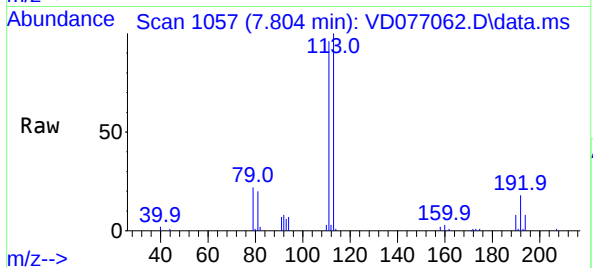
Tgt Ion:114 Resp: 275094
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.4
88 12.9 0.0 26.2



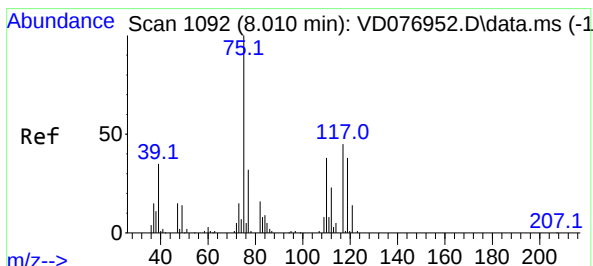
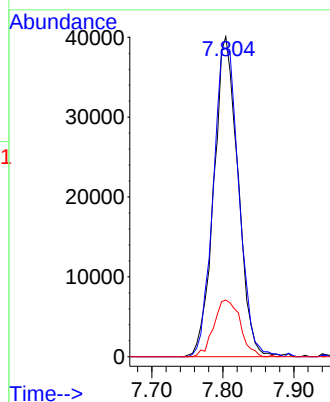
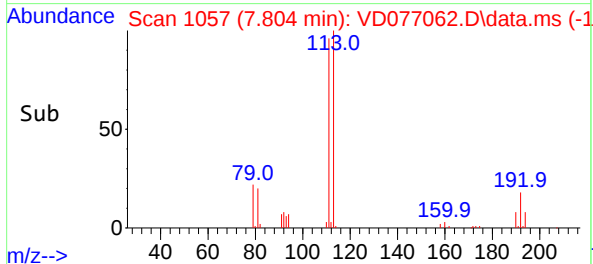


#35
Dibromofluoromethane
Concen: 51.497 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

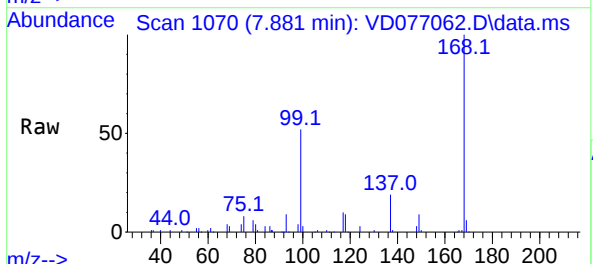
Instrument :
MSVOA_D
ClientSampleId :



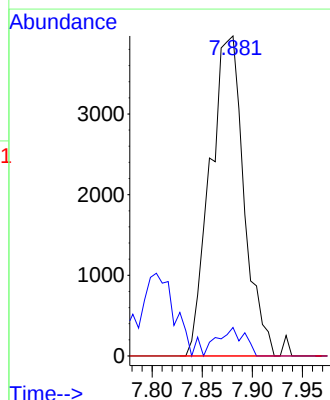
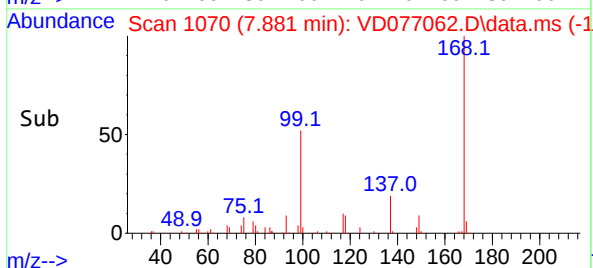
Tgt Ion:113 Resp: 94642
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 19.4 16.8 25.2

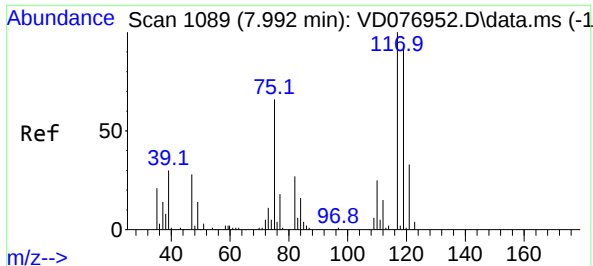


#36
1,1-Dichloropropene
Concen: 3.555 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20



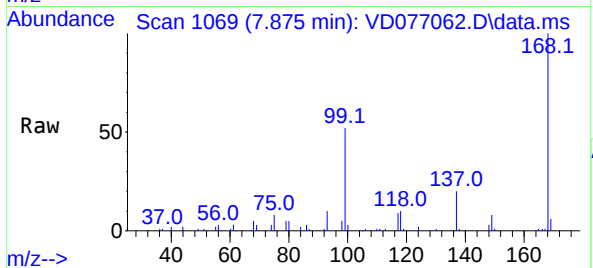
Tgt Ion: 75 Resp: 9308
Ion Ratio Lower Upper
75 100
110 7.0 19.9 59.6#
77 0.0 24.7 37.1#



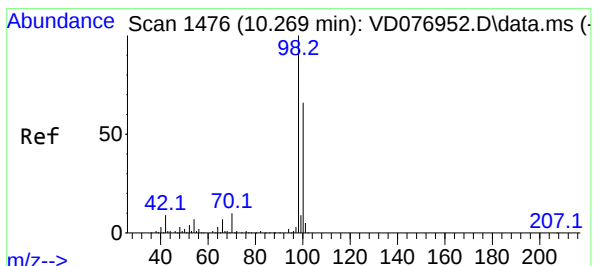
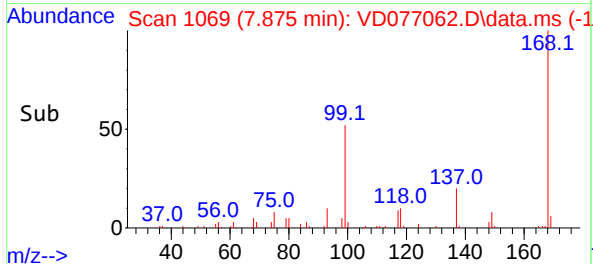
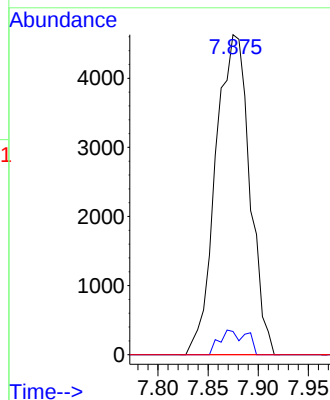


#38
Carbon Tetrachloride
Concen: 4.134 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :

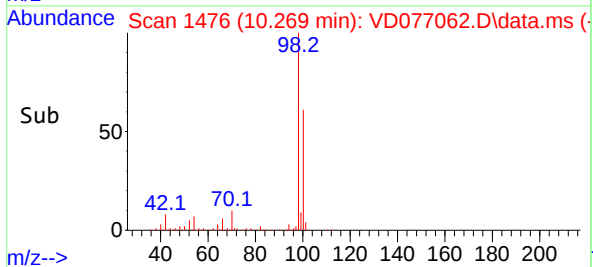
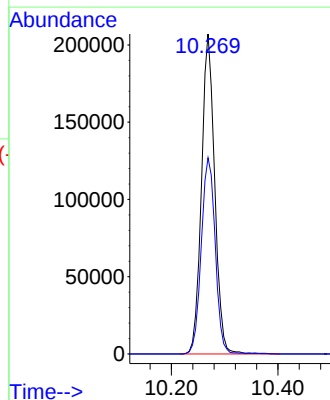
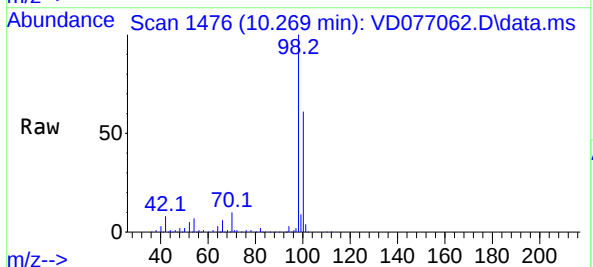


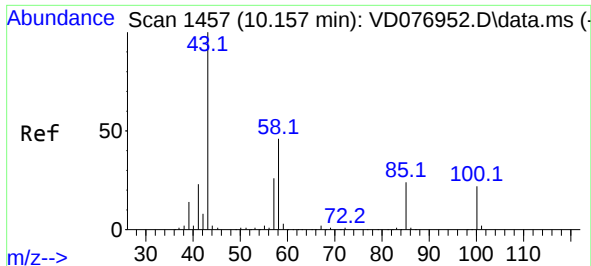
Tgt Ion:117 Resp: 10942
Ion Ratio Lower Upper
117 100
119 7.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.498 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Tgt Ion: 98 Resp: 355696
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

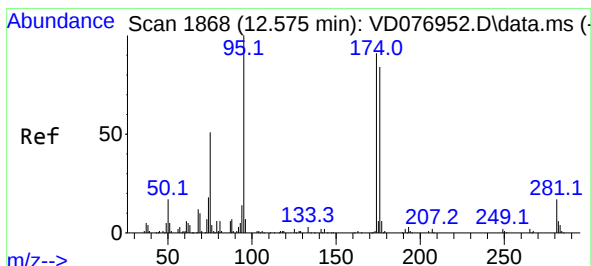
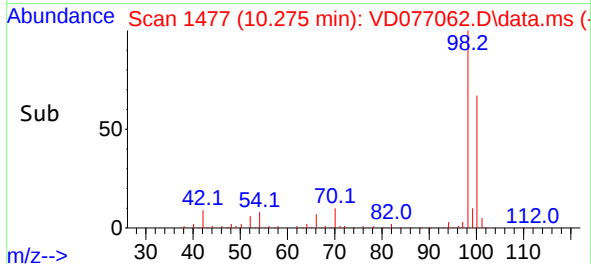
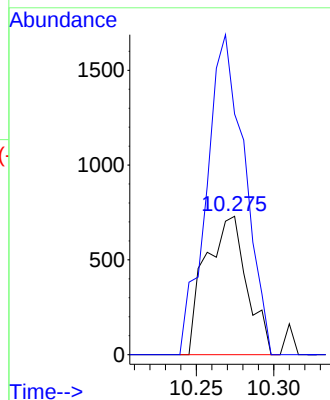
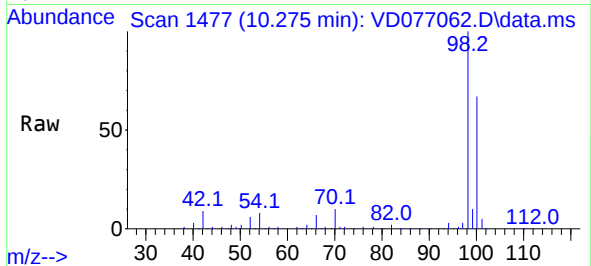




#51
4-Methyl-2-Pentanone
Concen: 1.458 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

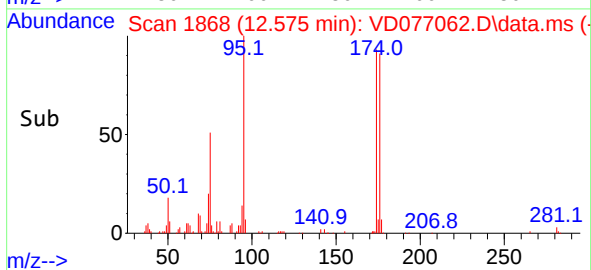
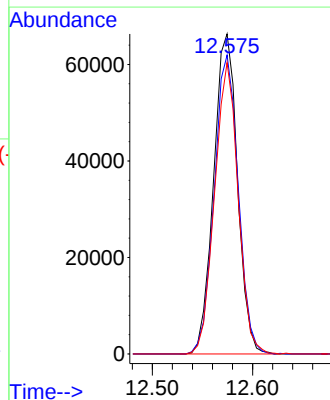
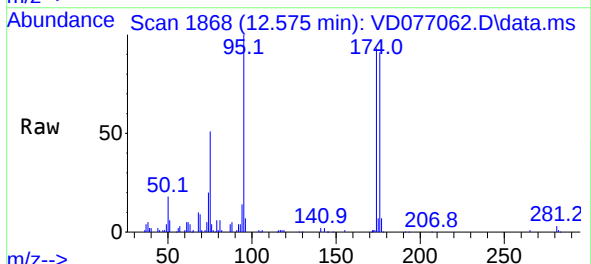
Instrument :
MSVOA_D
ClientSampleId :

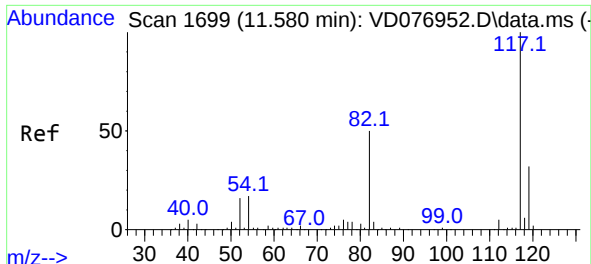
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
58 214.8 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 55.789 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

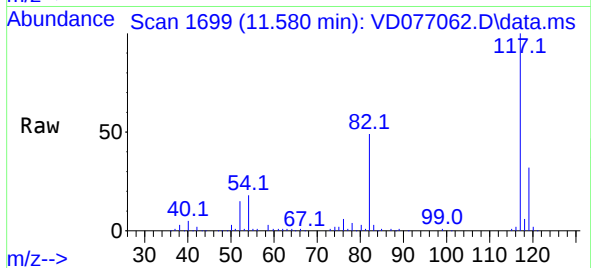
Tgt Ion: 95 Resp: 109361
Ion Ratio Lower Upper
95 100
174 94.4 0.0 201.8
176 89.7 0.0 191.8



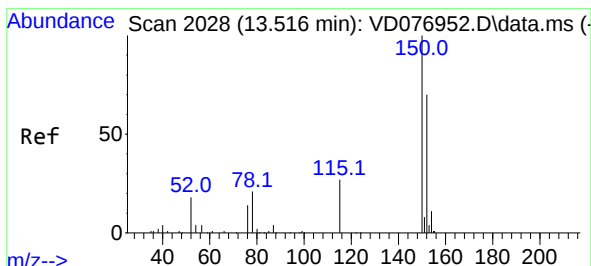
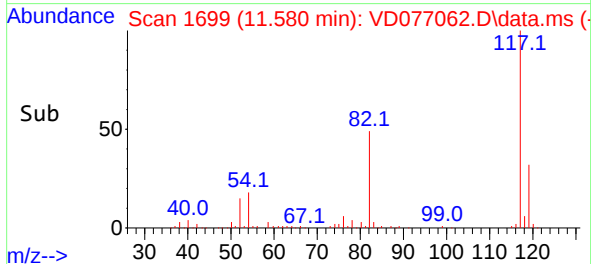
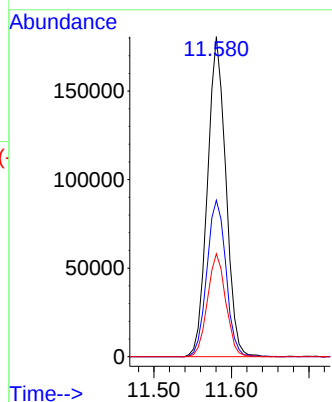


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :

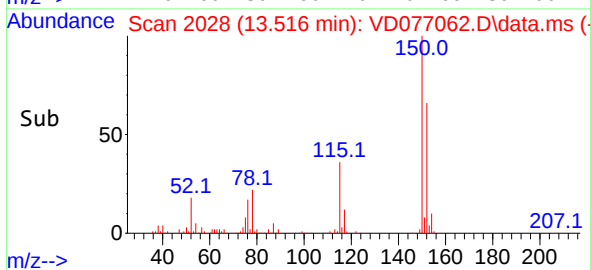
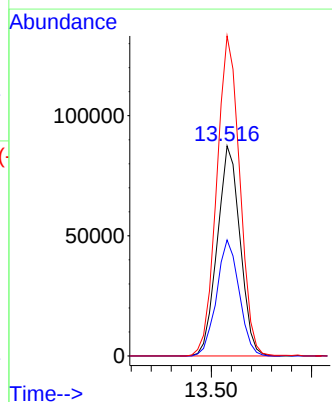
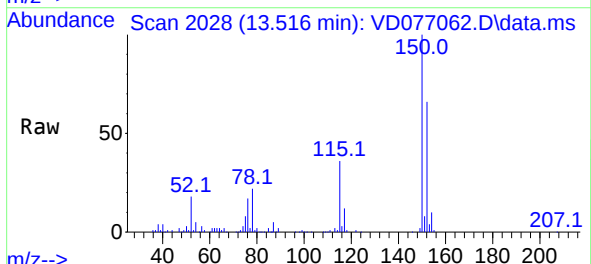


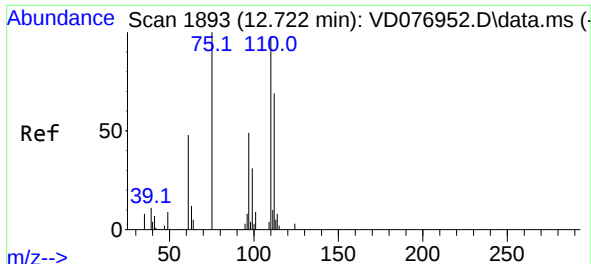
Tgt Ion:117 Resp: 297895
Ion Ratio Lower Upper
117 100
82 48.9 38.3 57.5
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Tgt Ion:152 Resp: 137954
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 153.8 0.0 353.6

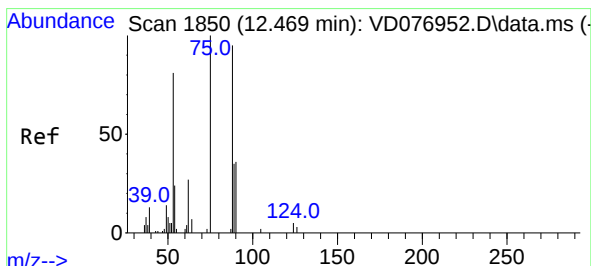
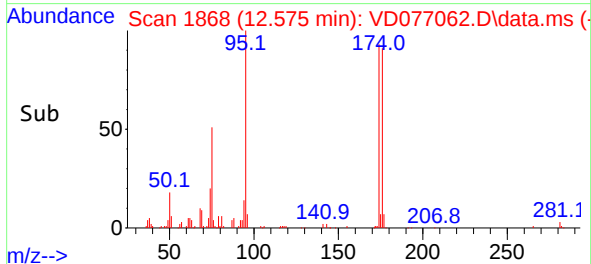
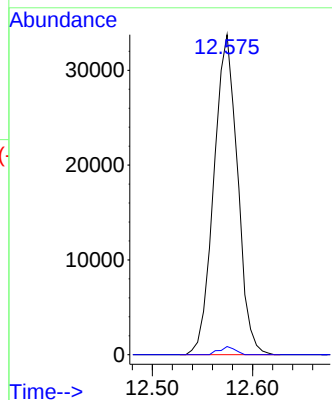
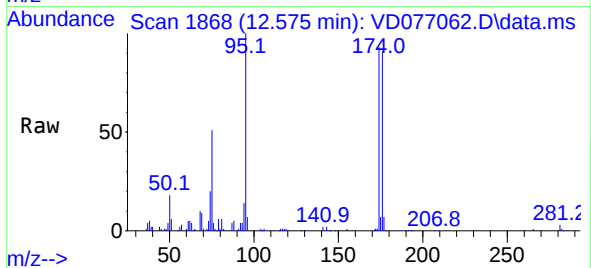




#76
1,2,3-Trichloropropane
Concen: 41.637 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 55402
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077062.D
Acq: 29 Aug 2023 15:20

Tgt Ion: 75 Resp: 55402
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

