

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077060.D
 Acq On : 29 Aug 2023 14:23
 Operator : JC/SY
 Sample : 04196-17
 Misc : 3.10G/5.1ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:00:00 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)

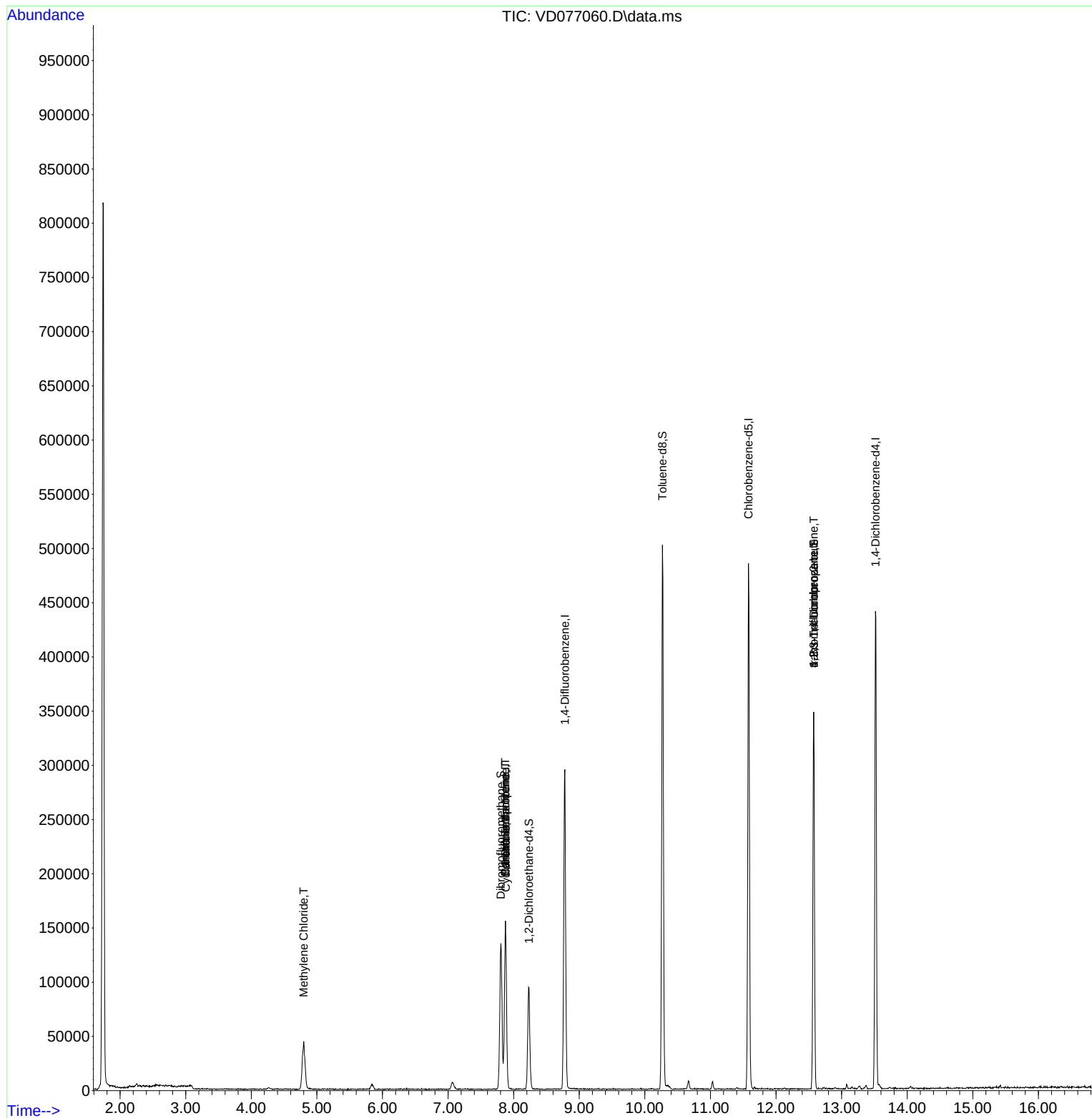
Internal Standards						
1) Pentafluorobenzene	7.875	168	119358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	274936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	297591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72865	62.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.000%	
35) Dibromofluoromethane	7.804	113	98462	53.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.269	98	357371	53.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.574	95	102164	52.148	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	401	Below Cal	#	41
20) Methylene Chloride	4.798	84	36757	19.487	ug/l	91
31) Cyclohexane	7.881	56	2362	1.258	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	9213	3.521	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11539	4.362	ug/l #	15
76) 1,2,3-Trichloropropane	12.574	75	54278	43.963	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	54278	102.073	ug/l #	17

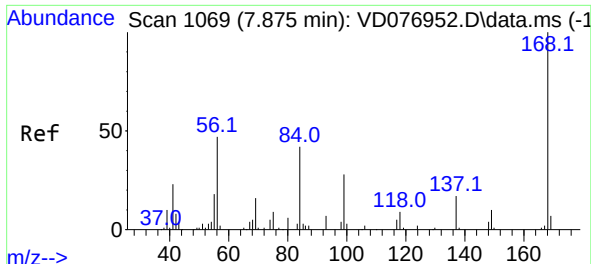
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

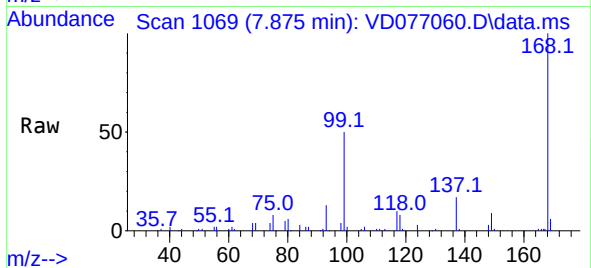
Quant Time: Aug 29 21:00:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



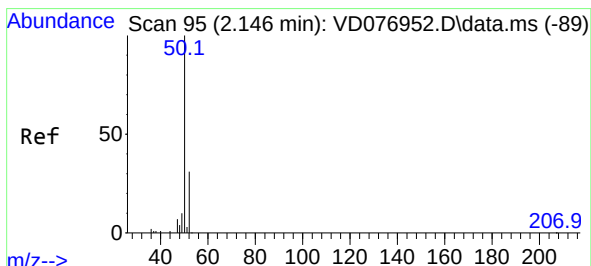
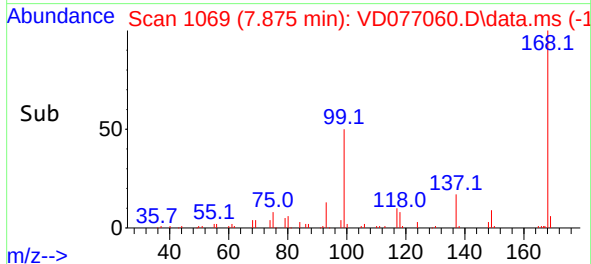
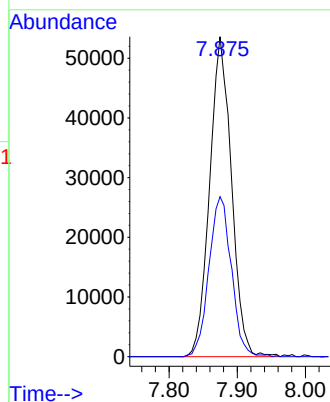


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

Instrument :
MSVOA_D
ClientSampleId :

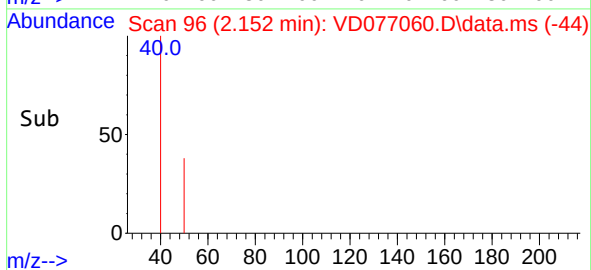
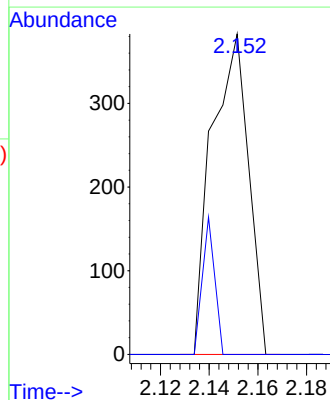
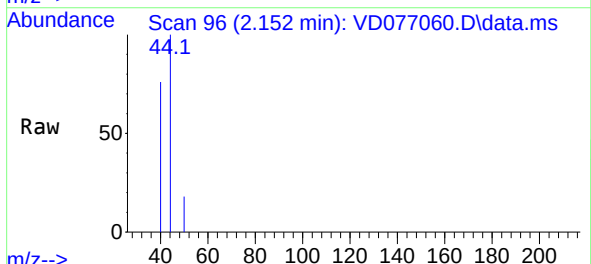


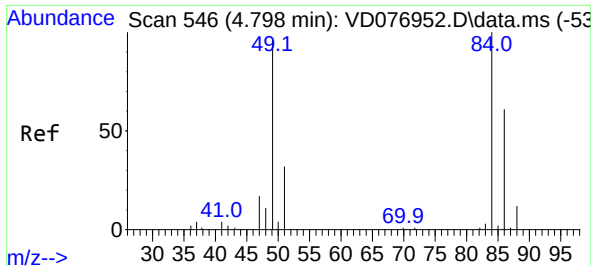
Tgt Ion:168 Resp: 119358
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

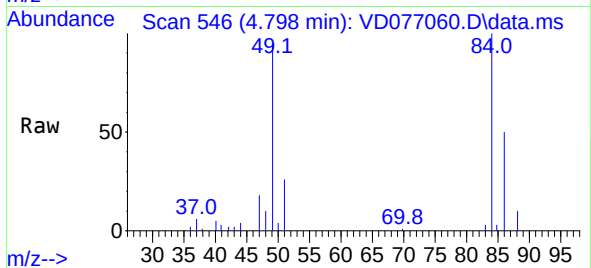
Tgt Ion: 50 Resp: 401
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





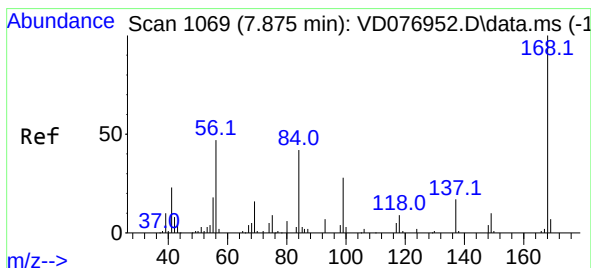
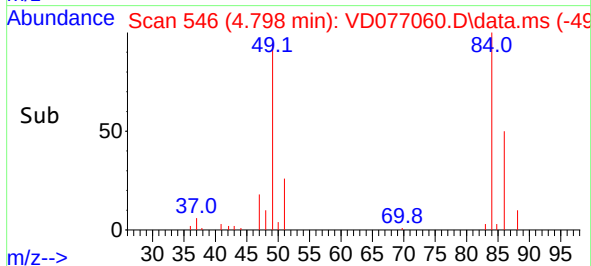
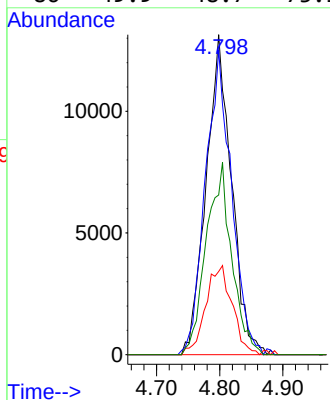
#20
Methylene Chloride
Concen: 19.487 ug/l
RT: 4.798 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 36757

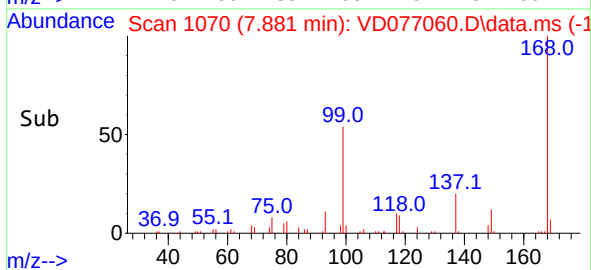
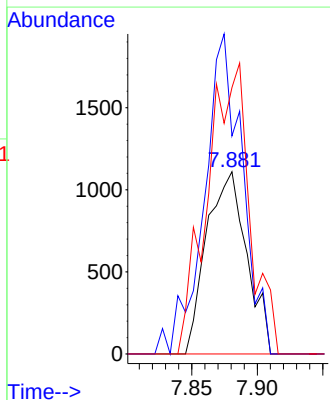
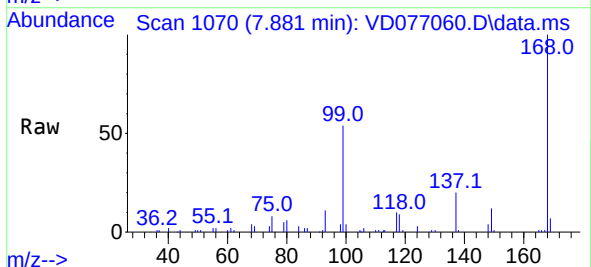
Ion	Ratio	Lower	Upper
84	100		
49	95.3	71.4	107.2
51	26.0	24.5	36.7
86	49.9	48.7	73.1

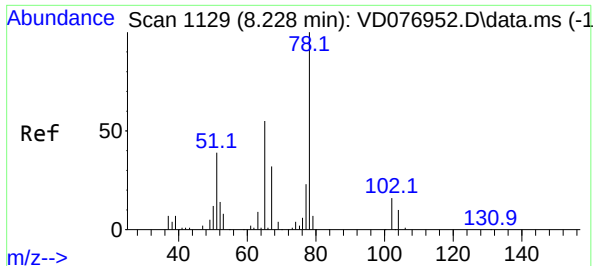


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

Tgt Ion: 56 Resp: 2362

Ion	Ratio	Lower	Upper
56	100		
69	119.6	28.6	43.0#
84	146.2	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 62.005 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077060.D

Acq: 29 Aug 2023 14:23

Instrument :

MSVOA_D

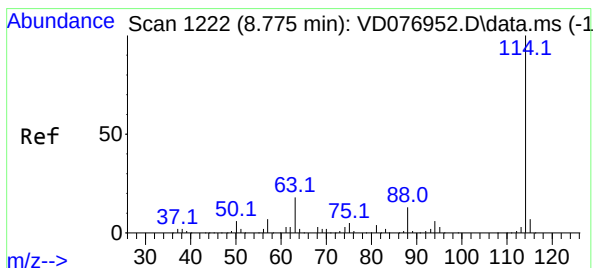
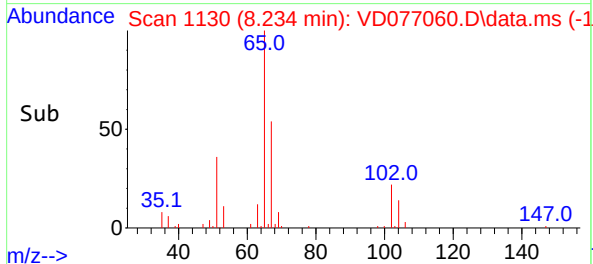
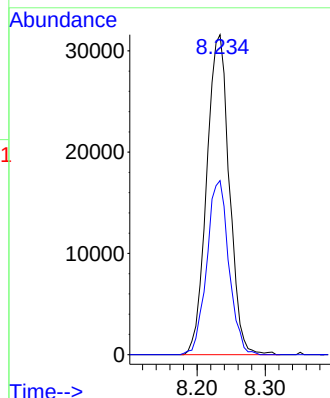
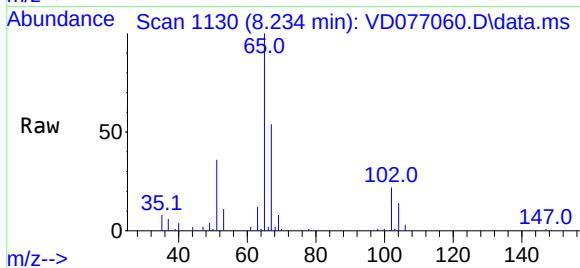
ClientSampleId :

Tgt Ion: 65 Resp: 72865

Ion Ratio Lower Upper

65 100

67 53.1 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: VD077060.D

Acq: 29 Aug 2023 14:23

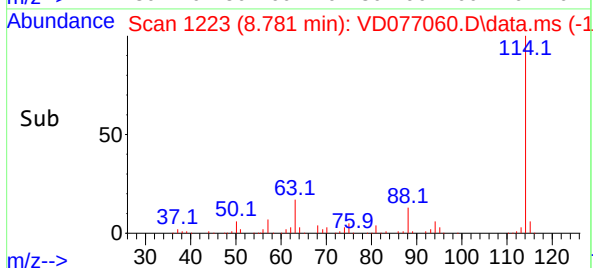
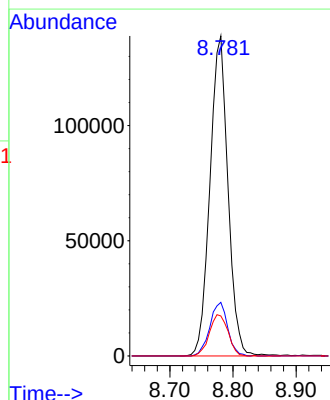
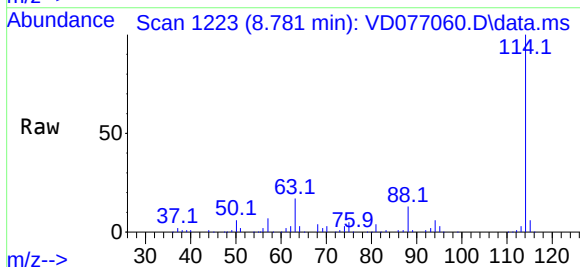
Tgt Ion: 114 Resp: 274936

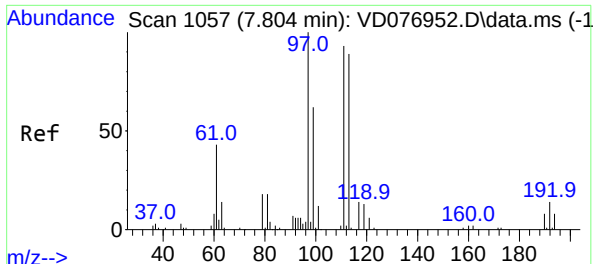
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

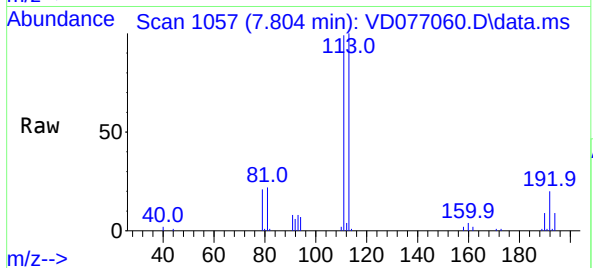
88 12.5 0.0 26.2



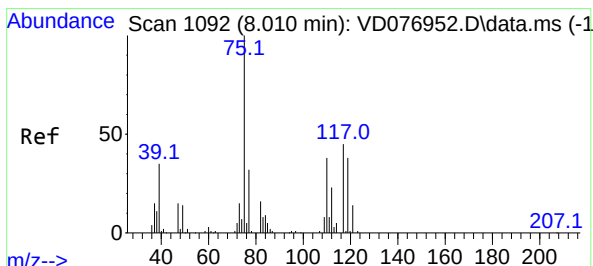
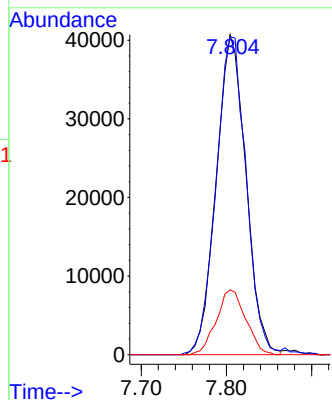
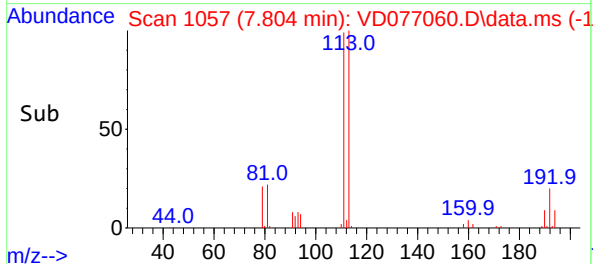


#35
Dibromofluoromethane
Concen: 53.607 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

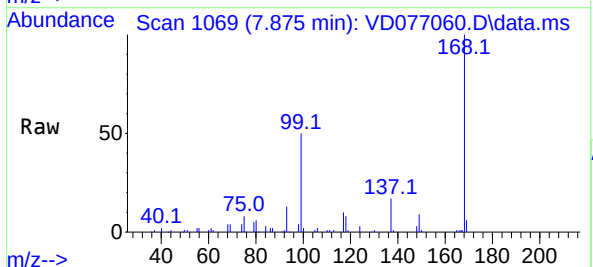
Instrument :
MSVOA_D
ClientSampleId :



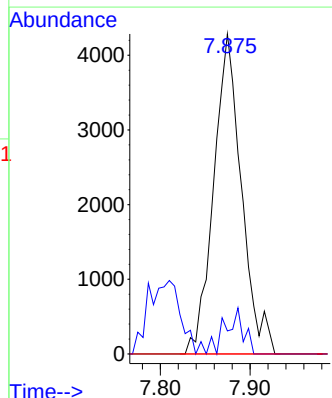
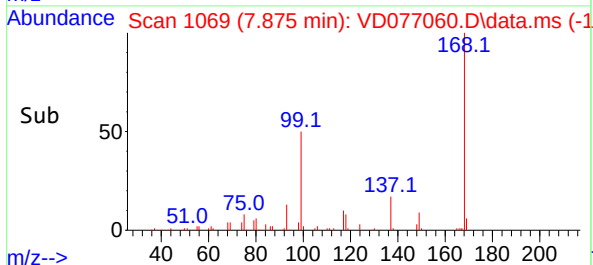
Tgt Ion:113 Resp: 98462
Ion Ratio Lower Upper
113 100
111 101.2 84.7 127.1
192 20.1 16.8 25.2

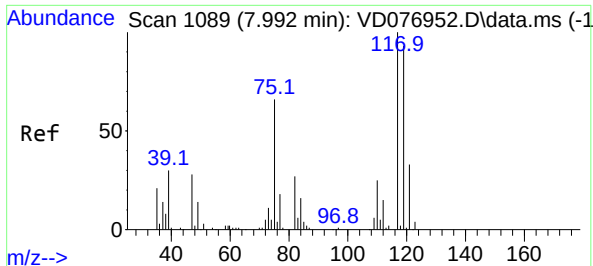


#36
1,1-Dichloropropene
Concen: 3.521 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23



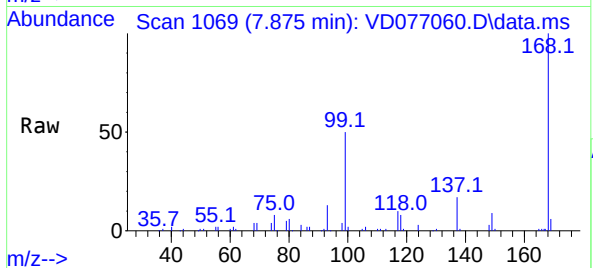
Tgt Ion: 75 Resp: 9213
Ion Ratio Lower Upper
75 100
110 9.5 19.9 59.6#
77 0.0 24.7 37.1#



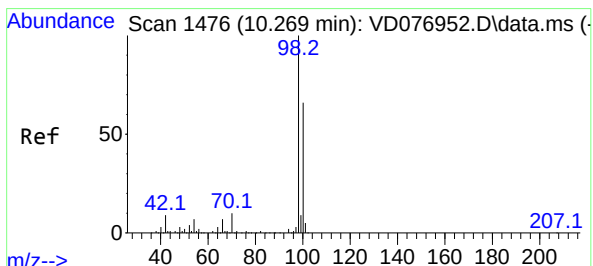
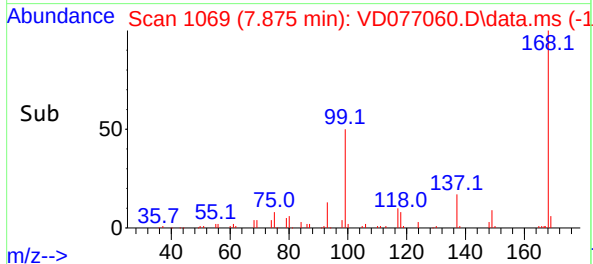
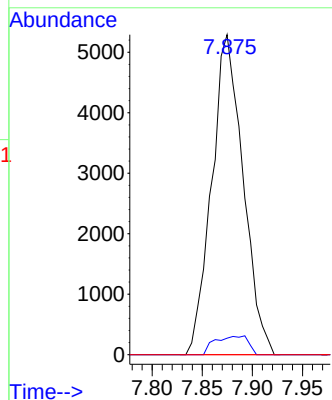


#38
Carbon Tetrachloride
Concen: 4.362 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

Instrument :
MSVOA_D
ClientSampleId :

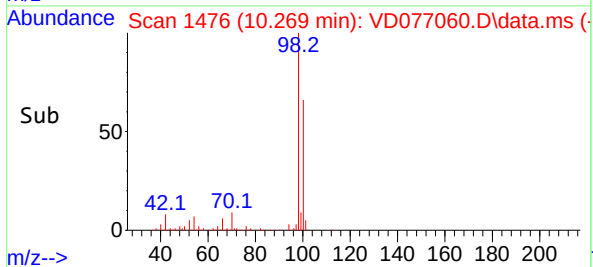
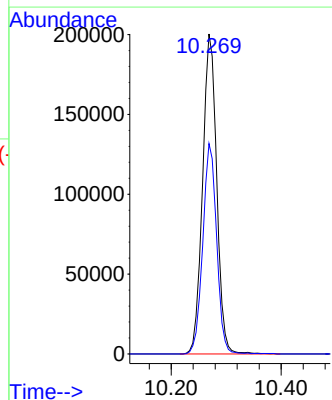
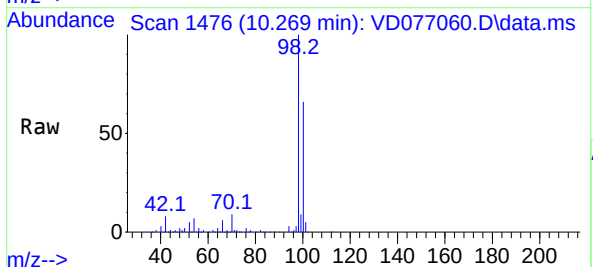


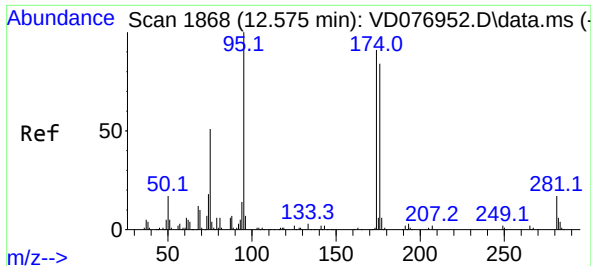
Tgt Ion:117 Resp: 11539
Ion Ratio Lower Upper
117 100
119 5.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.781 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

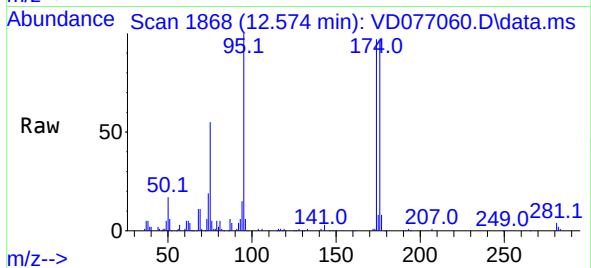
Tgt Ion: 98 Resp: 357371
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



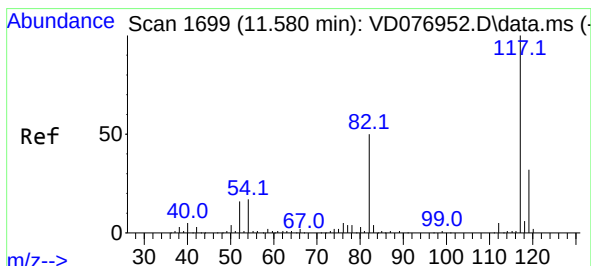
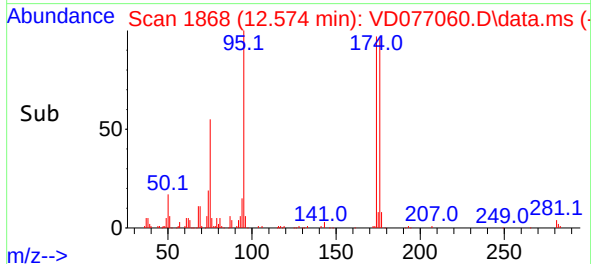
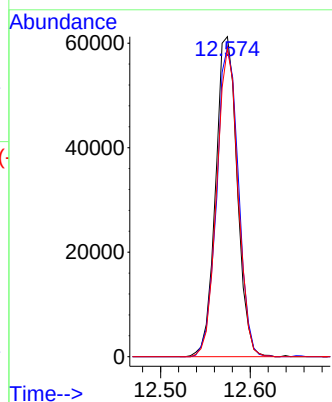


#62
4-Bromofluorobenzene
Concen: 52.148 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

Instrument :
MSVOA_D
ClientSampleId :

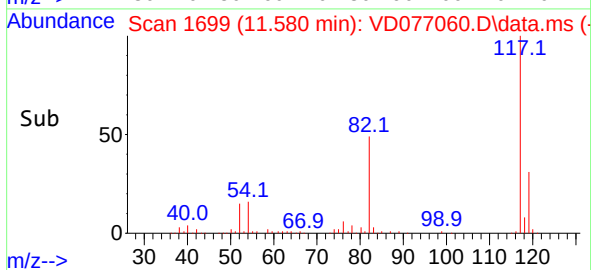
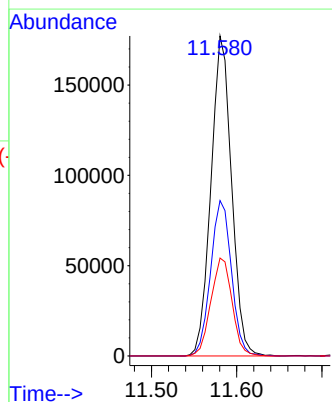
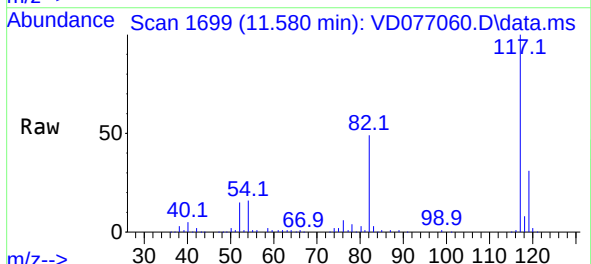


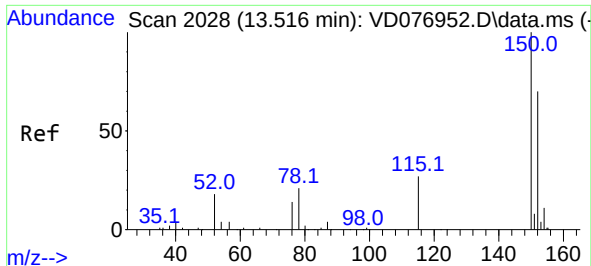
Tgt Ion: 95 Resp: 102164
Ion Ratio Lower Upper
95 100
174 97.5 0.0 201.8
176 94.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077060.D
Acq: 29 Aug 2023 14:23

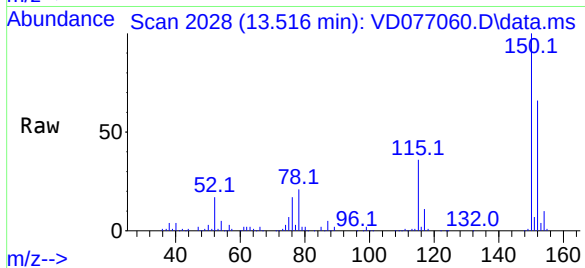
Tgt Ion: 117 Resp: 297591
Ion Ratio Lower Upper
117 100
82 48.6 38.3 57.5
119 30.6 25.0 37.4



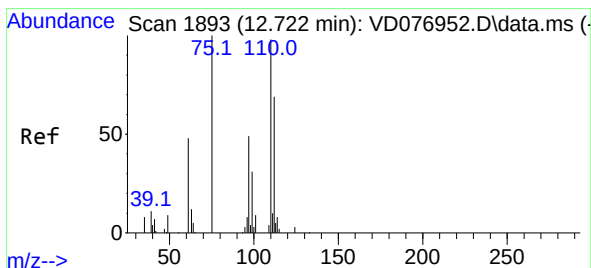
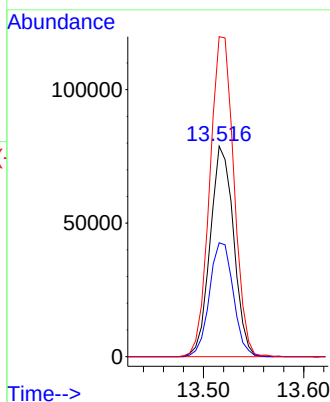
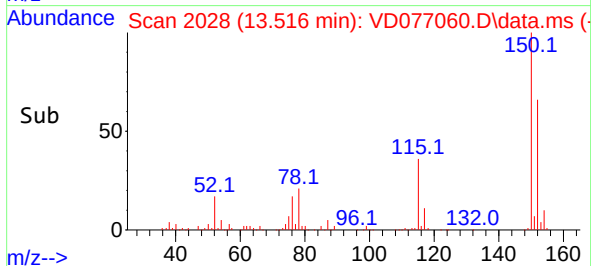


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077060.D
 Acq: 29 Aug 2023 14:23

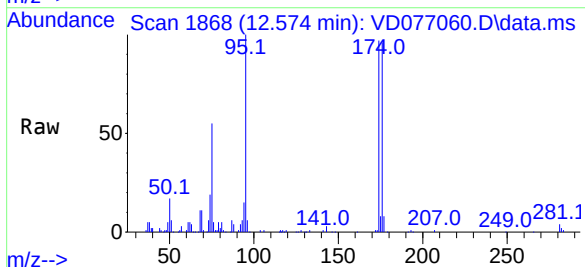
Instrument :
 MSVOA_D
 ClientSampleId :



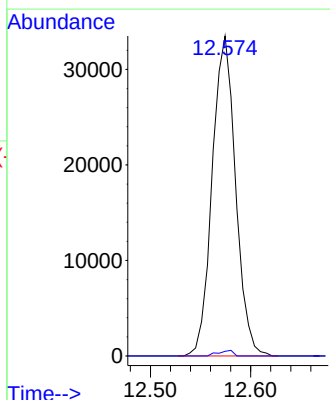
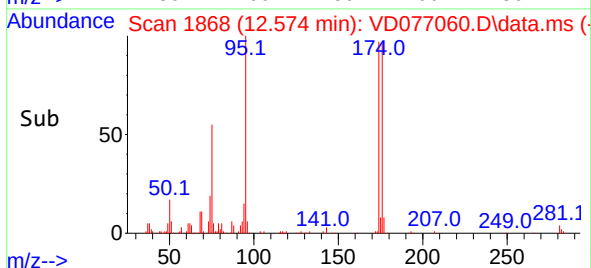
Tgt Ion:152 Resp: 128004
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.1 81.3
 150 156.4 0.0 353.6

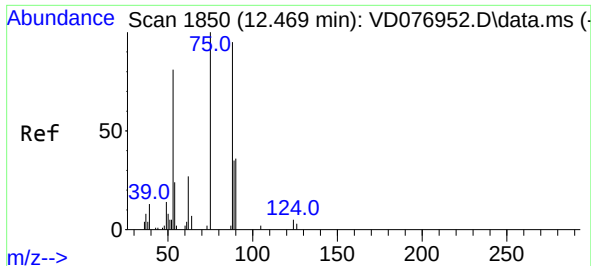


#76
 1,2,3-Trichloropropane
 Concen: 43.963 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.148 min
 Lab File: VD077060.D
 Acq: 29 Aug 2023 14:23



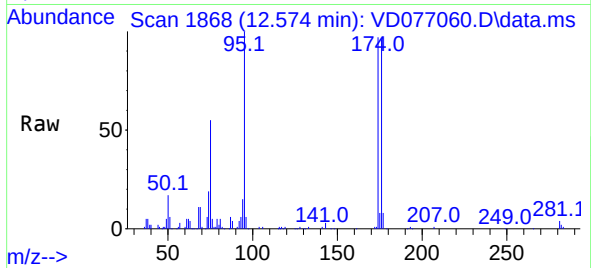
Tgt Ion: 75 Resp: 54278
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.073 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD077060.D
 Acq: 29 Aug 2023 14:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	54278
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

