

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076933.D
 Acq On : 07 Aug 2023 16:06
 Operator : KP/SY
 Sample : 03891-05
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Aug 08 04:40:27 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)

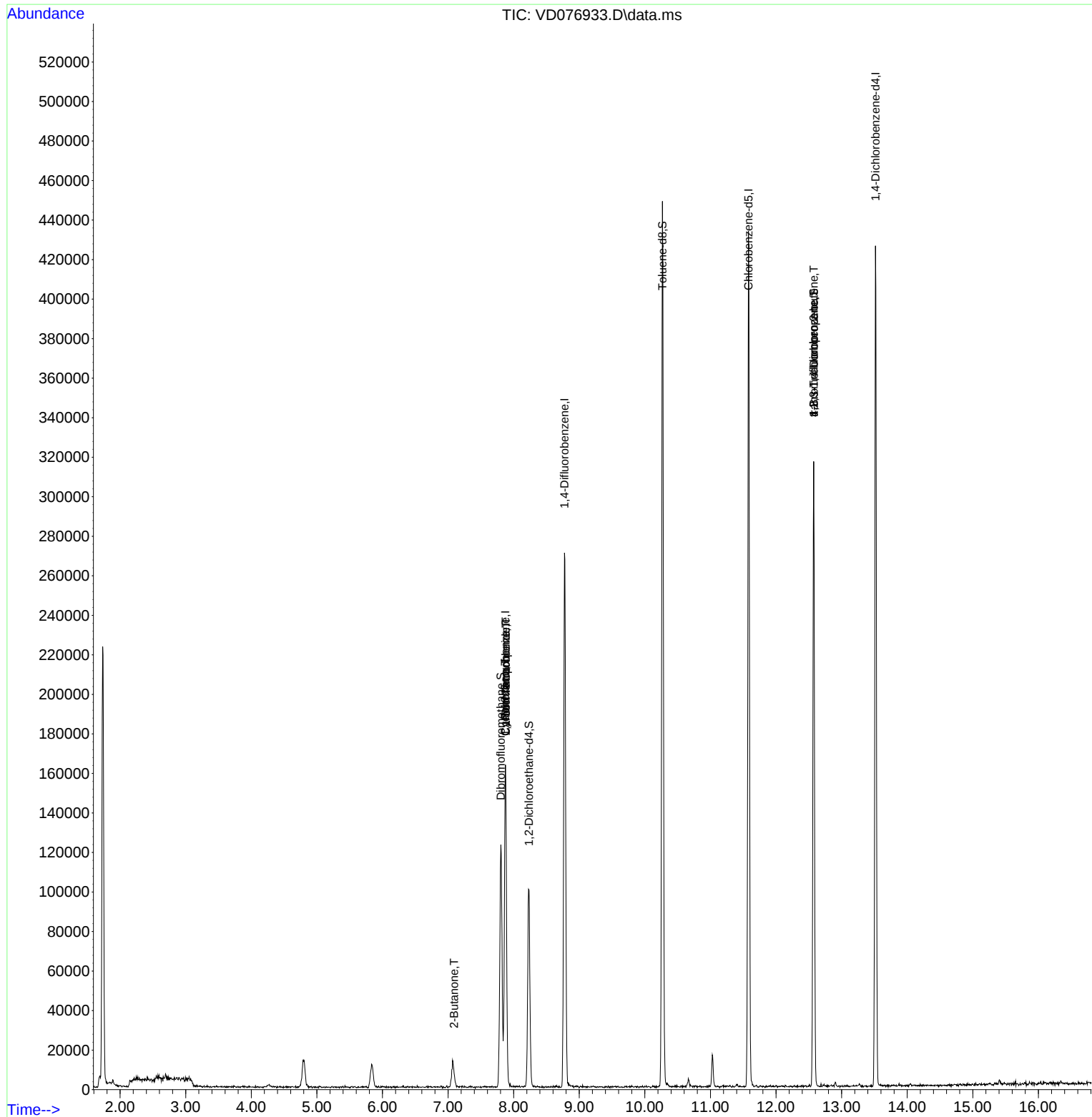
Internal Standards						
1) Pentafluorobenzene	7.875	168	124671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	257643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79495	64.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.040%	
35) Dibromofluoromethane	7.805	113	91190	56.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.640%	
50) Toluene-d8	10.269	98	318431	54.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.960%	
62) 4-Bromofluorobenzene	12.575	95	95654	51.051	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.787	84	11560	Below Cal		97
25) 2-Butanone	7.093	43	729	1.837	ug/l #	37
31) Cyclohexane	7.869	56	2389	1.307	ug/l #	21
36) 1,1-Dichloropropene	7.881	75	10327	4.881	ug/l #	48
38) Carbon Tetrachloride	7.881	117	12583	6.211	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	51537	46.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51537	98.394	ug/l #	17

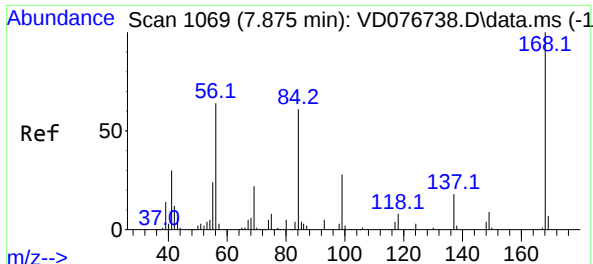
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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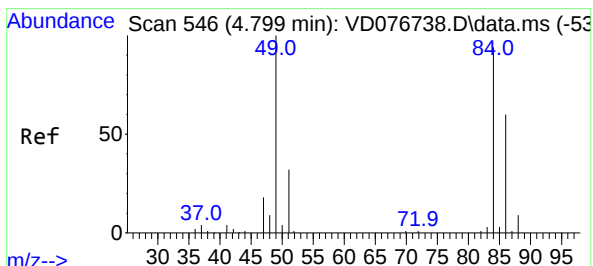
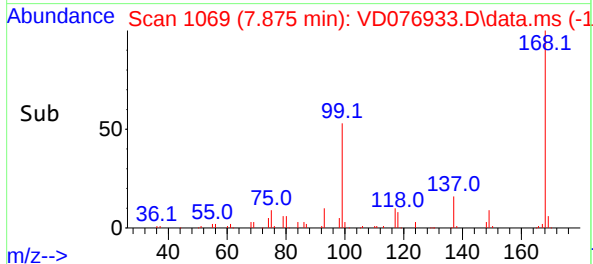
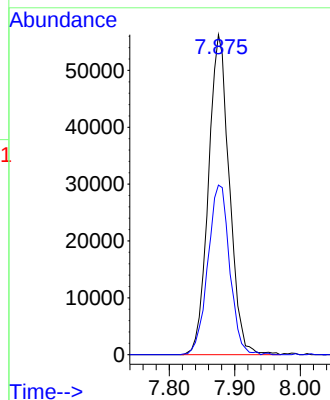
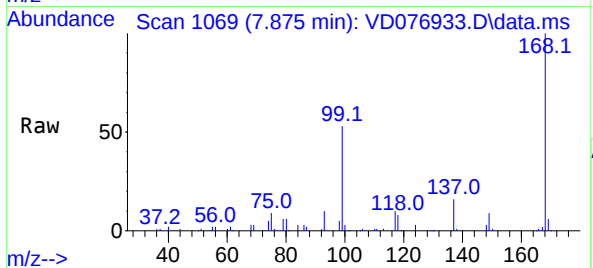




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

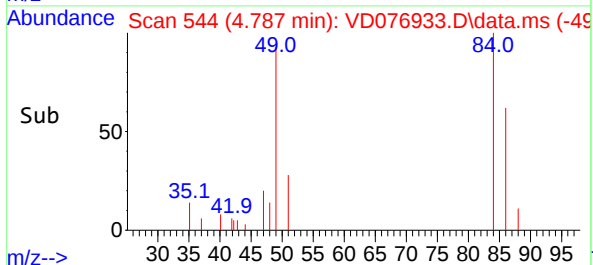
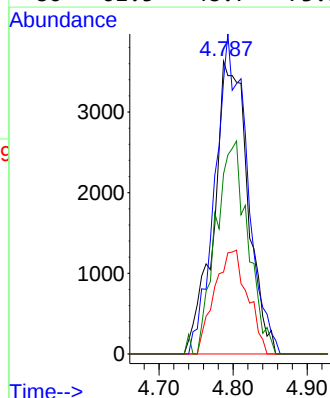
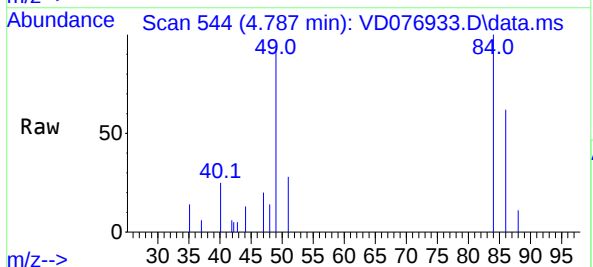
Instrument :
MSVOA_D
ClientSampleId :
TP-3

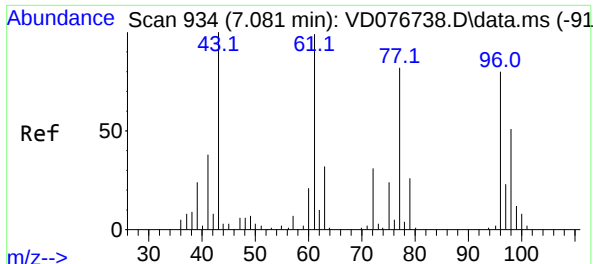
Tgt Ion:168 Resp: 124671
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion: 84 Resp: 11560
Ion Ratio Lower Upper
84 100
49 93.4 71.4 107.2
51 28.0 24.5 36.7
86 61.5 48.7 73.1

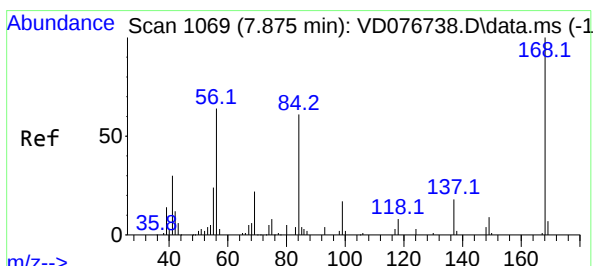
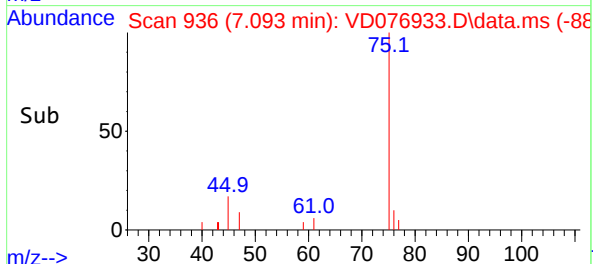
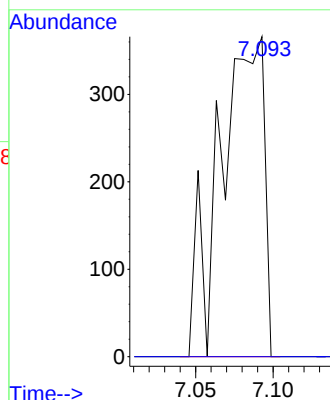
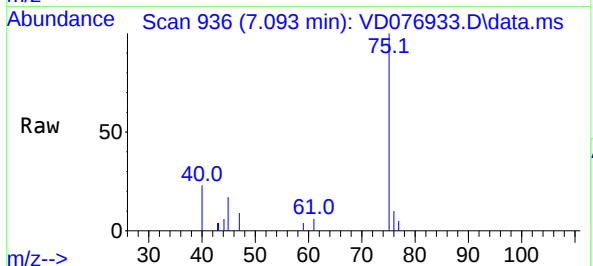




#25
2-Butanone
Concen: 1.837 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

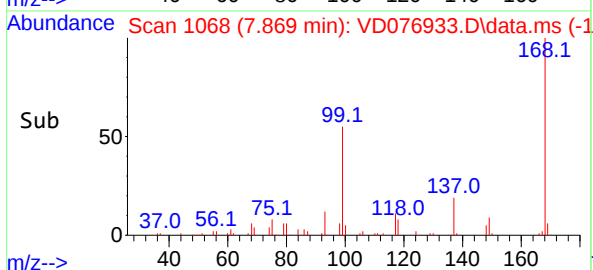
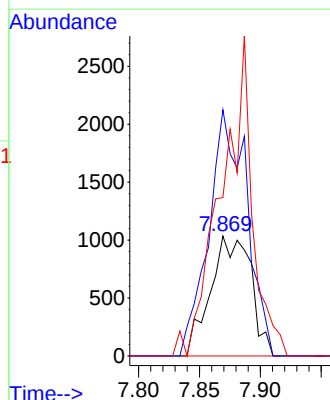
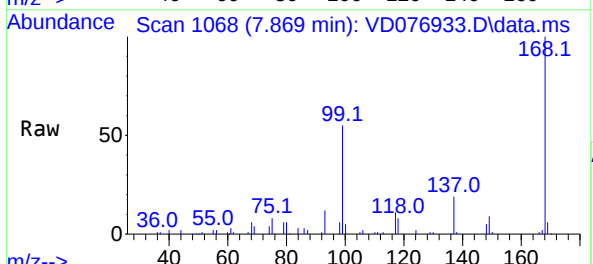
Instrument :
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ClientSampleId :
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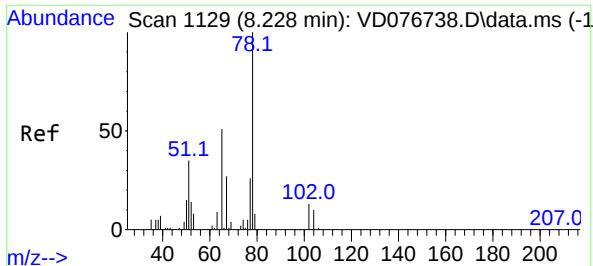
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion: 56 Resp: 2389
Ion Ratio Lower Upper
56 100
69 205.4 28.6 43.0#
84 114.4 84.8 127.2

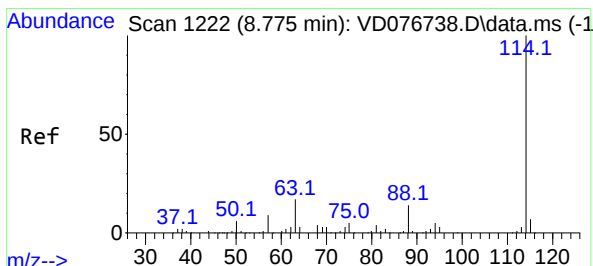
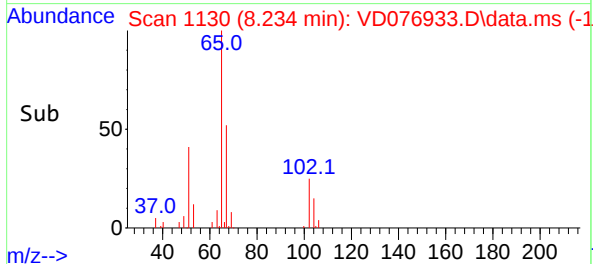
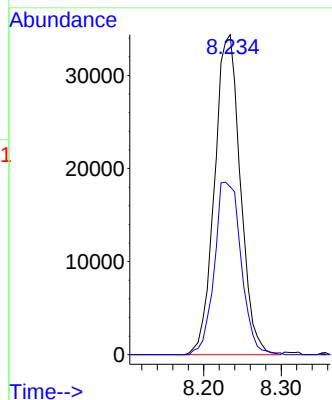
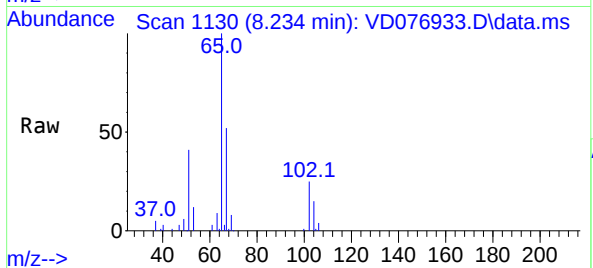




#33
1,2-Dichloroethane-d4
Concen: 64.018 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

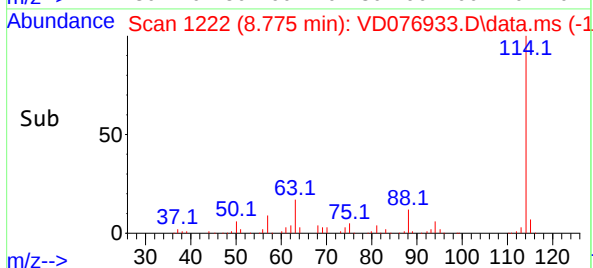
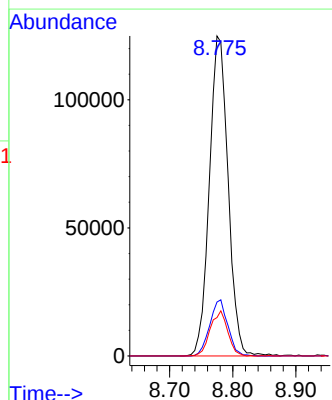
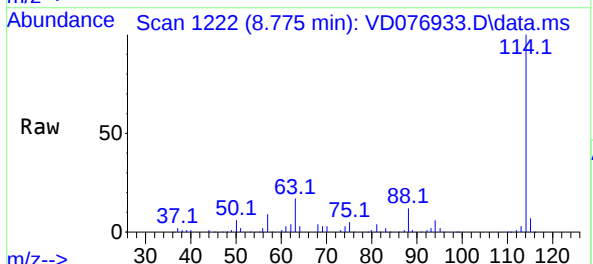
Instrument :
MSVOA_D
ClientSampleId :
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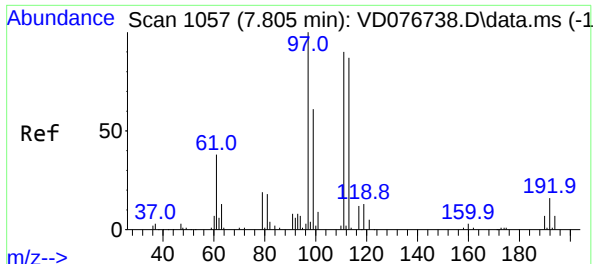
Tgt Ion: 65 Resp: 79495
Ion Ratio Lower Upper
65 100
67 55.9 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion: 114 Resp: 257643
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 12.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.323 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD076933.D

Acq: 07 Aug 2023 16:06

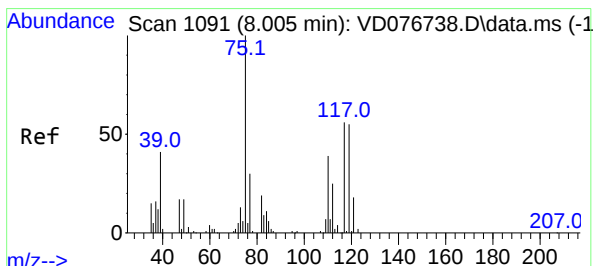
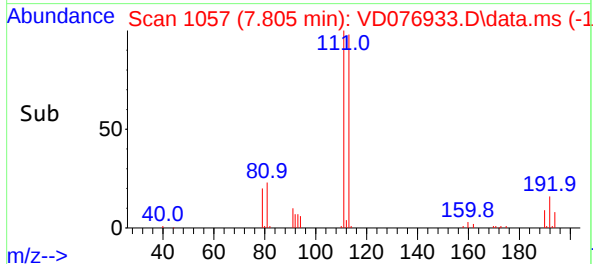
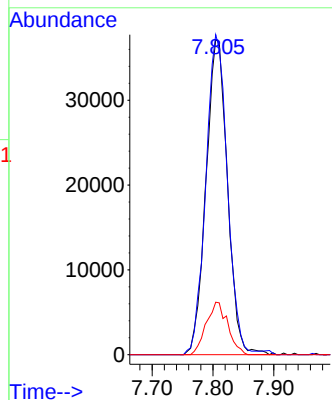
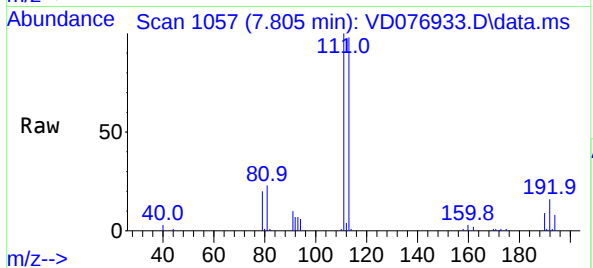
Instrument :

MSVOA_D

ClientSampleId :

TP-3

Tgt Ion:	113	Resp:	91190
Ion	Ratio	Lower	Upper
113	100		
111	101.6	84.7	127.1
192	16.7	16.8	25.2#



#36

1,1-Dichloropropene

Concen: 4.881 ug/l

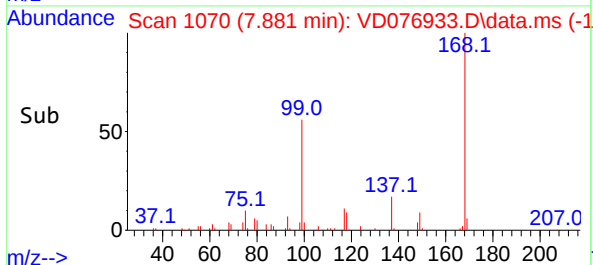
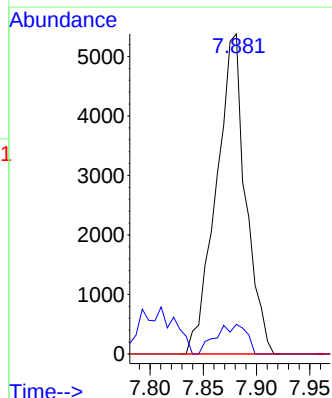
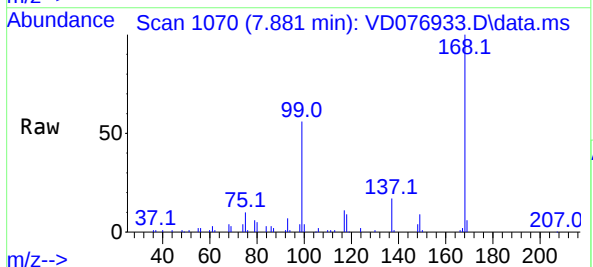
RT: 7.881 min Scan# 1070

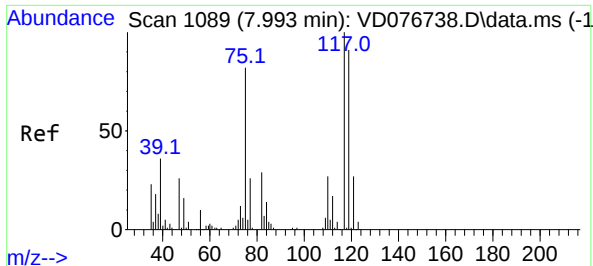
Delta R.T. -0.124 min

Lab File: VD076933.D

Acq: 07 Aug 2023 16:06

Tgt Ion:	75	Resp:	10327
Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.9	59.6#
77	0.0	24.7	37.1#

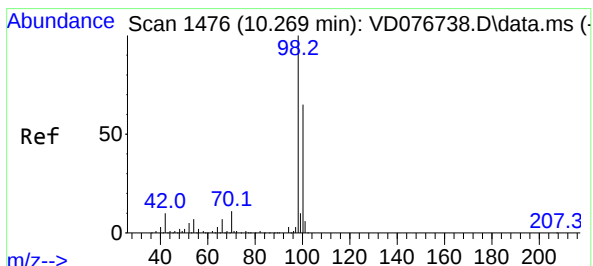
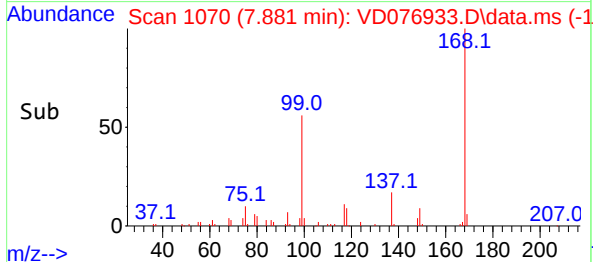
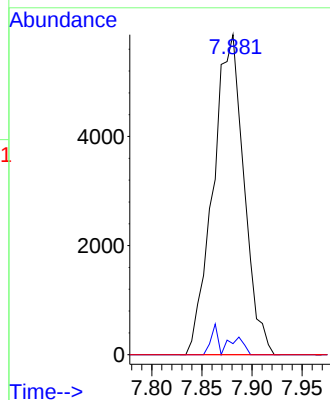
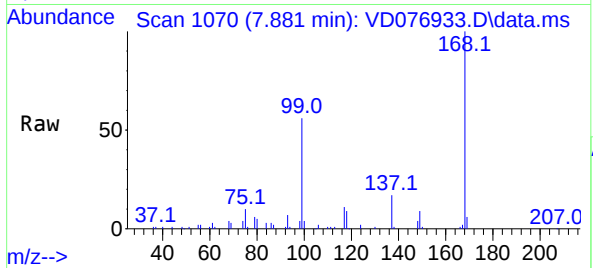




#38
Carbon Tetrachloride
Concen: 6.211 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

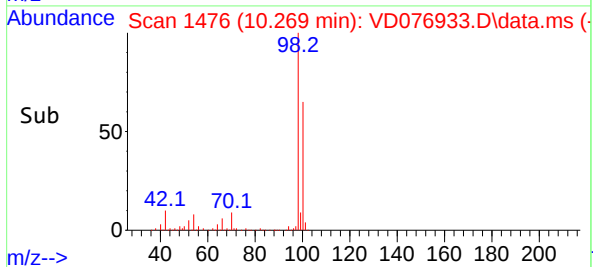
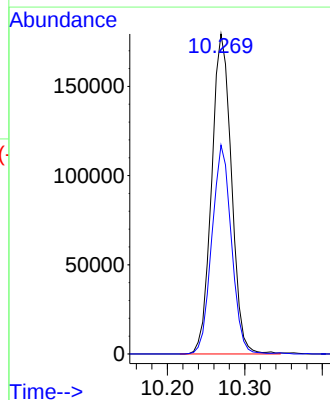
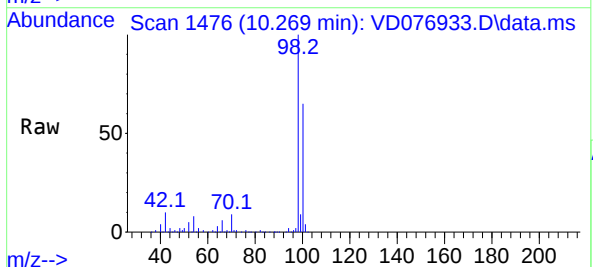
Instrument :
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ClientSampleId :
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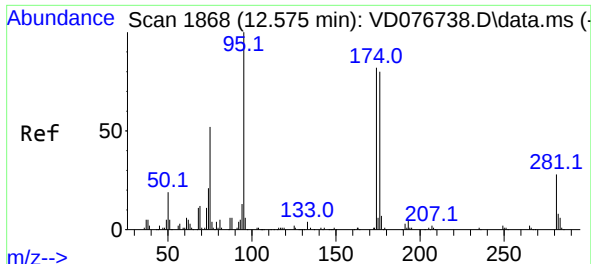
Tgt Ion:117 Resp: 12583
Ion Ratio Lower Upper
117 100
119 3.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.978 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion: 98 Resp: 318431
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

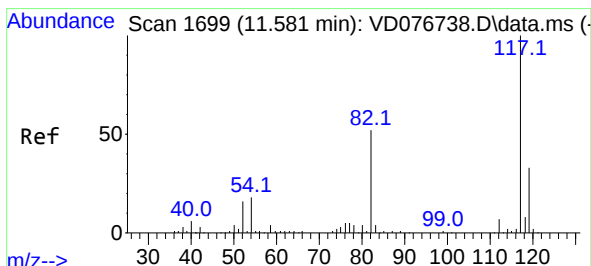
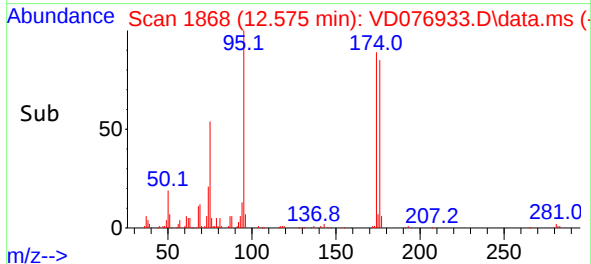
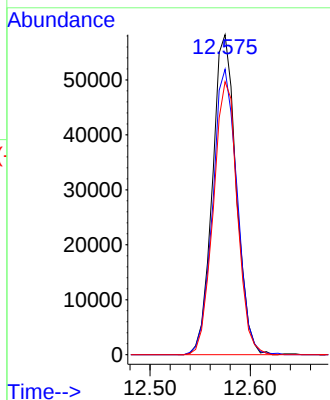
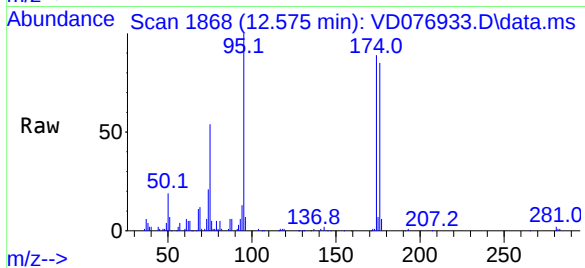




#62
4-Bromofluorobenzene
Concen: 51.051 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

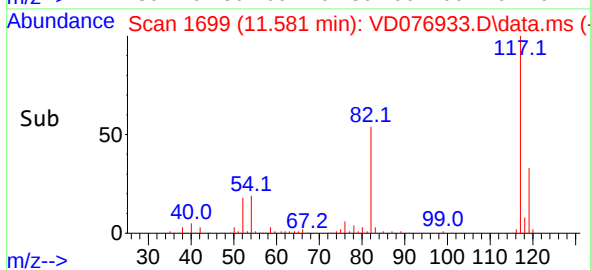
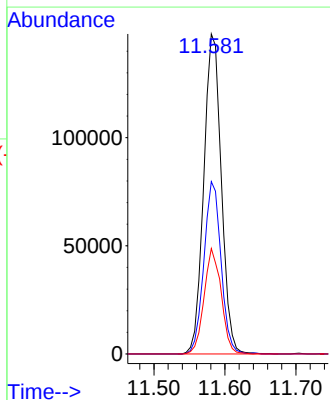
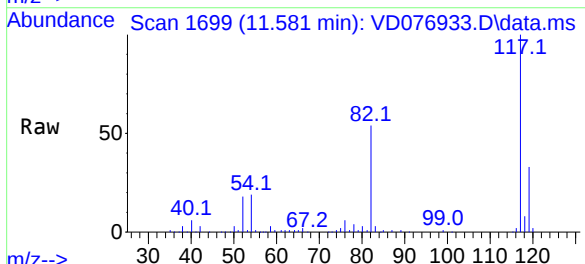
Instrument :
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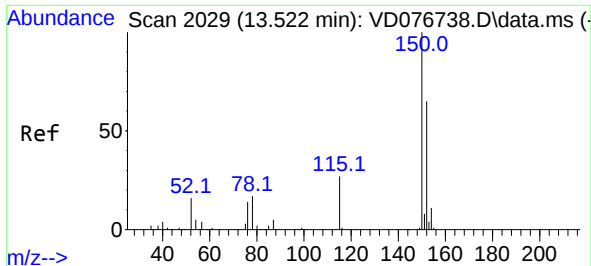
Tgt Ion:	95	Resp:	95654
Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	201.8
176	86.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Tgt Ion:	117	Resp:	255181
Ion	Ratio	Lower	Upper
117	100		
82	53.8	38.3	57.5
119	33.0	25.0	37.4

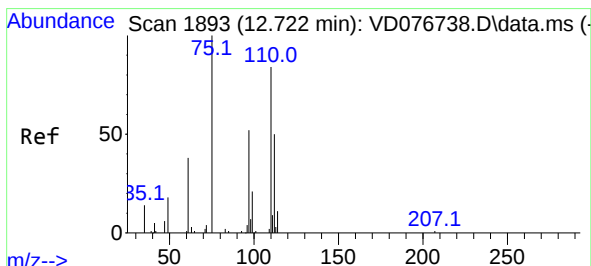
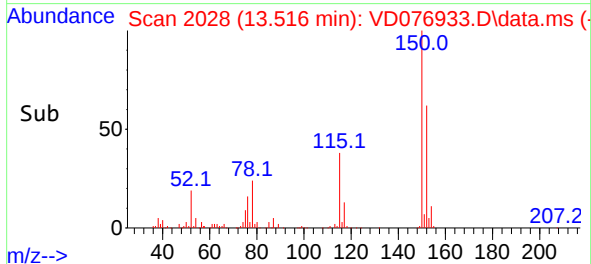
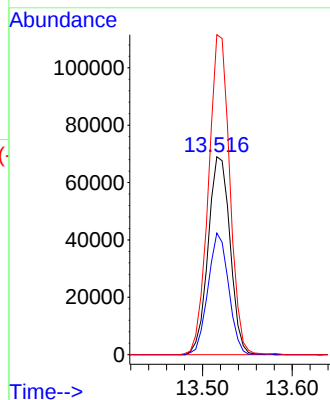
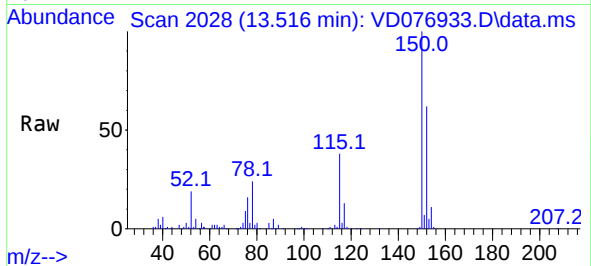




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

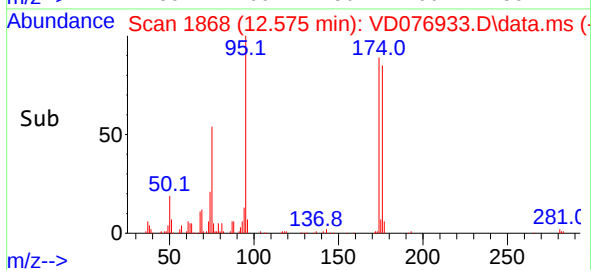
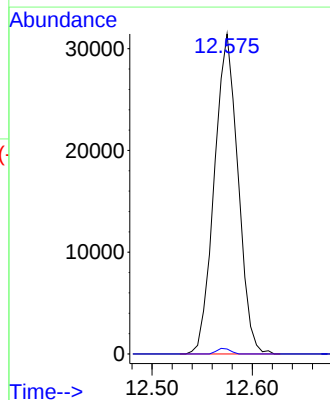
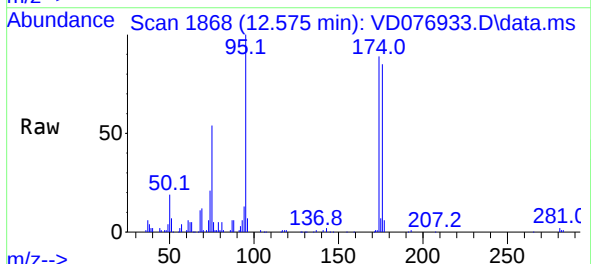
Instrument :
MSVOA_D
ClientSampleId :
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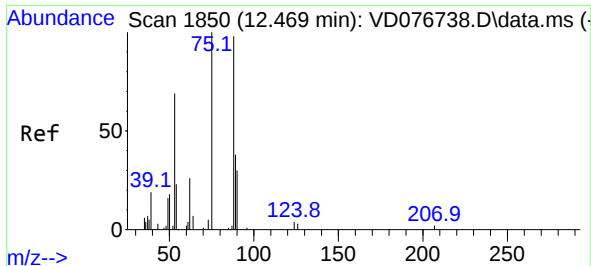
Tgt Ion:152 Resp: 117219
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 156.6 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 46.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

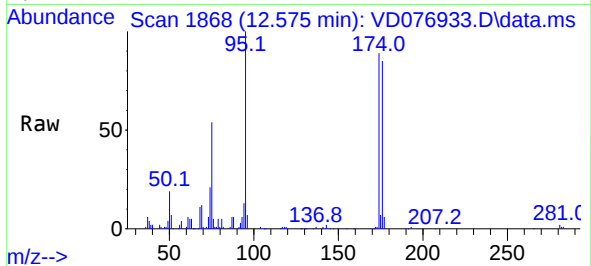
Tgt Ion: 75 Resp: 51537
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.394 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD076933.D
Acq: 07 Aug 2023 16:06

Instrument :
MSVOA_D
ClientSampleId :
TP-3



Tgt Ion: 75 Resp: 51537
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

