

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076927.D
 Acq On : 07 Aug 2023 12:34
 Operator : KP/SY
 Sample : VD0807SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

Quant Time: Aug 08 04:39:14 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)

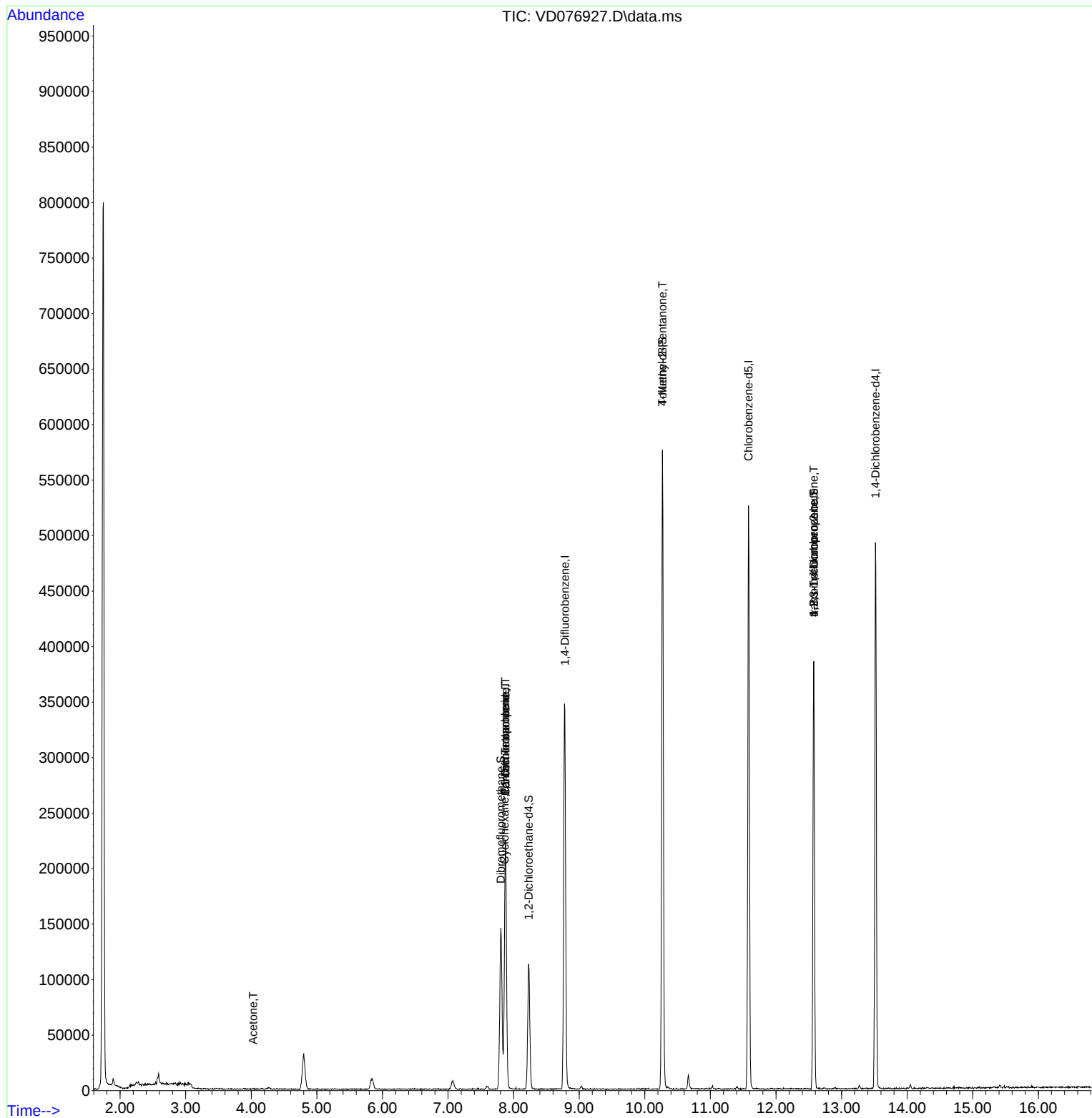
Internal Standards						
1) Pentafluorobenzene	7.875	168	172907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	334003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86580	50.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.540%	
35) Dibromofluoromethane	7.805	113	107306	51.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.240%	
50) Toluene-d8	10.269	98	400588	53.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.575	95	113952	46.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	437	1.062	ug/l #	32
31) Cyclohexane	7.863	56	4163	1.642	ug/l #	67
36) 1,1-Dichloropropene	7.875	75	14018	5.111	ug/l #	47
38) Carbon Tetrachloride	7.875	117	17486	6.658	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	1466	1.150	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	58349	45.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	58349	97.179	ug/l #	17

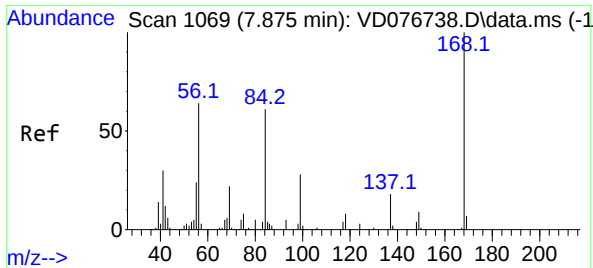
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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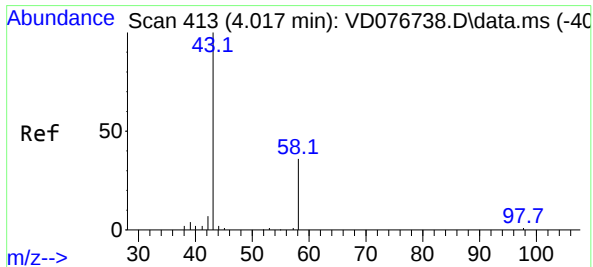
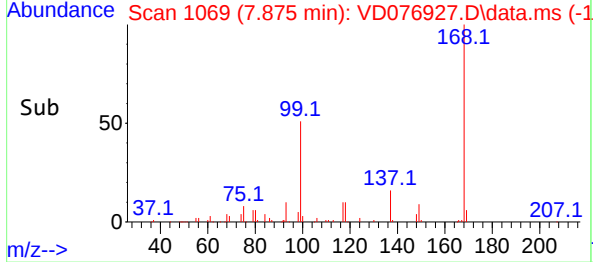
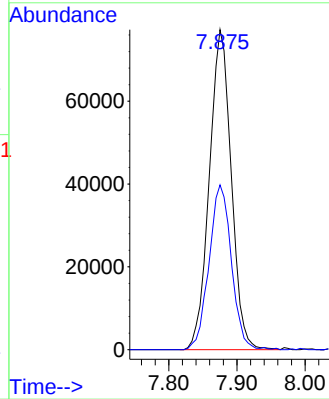
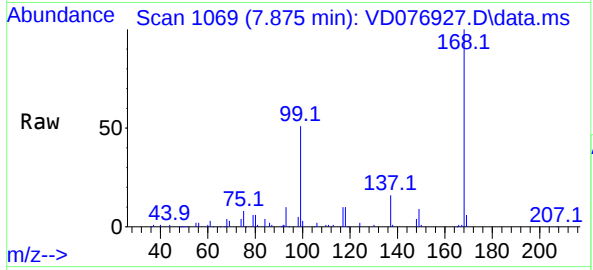




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

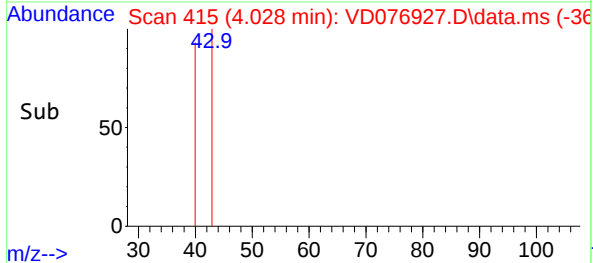
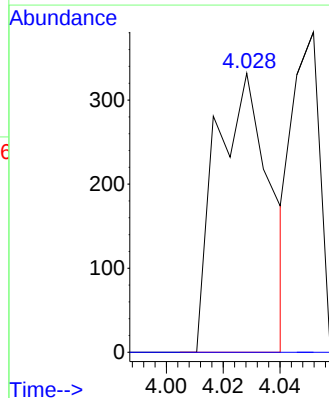
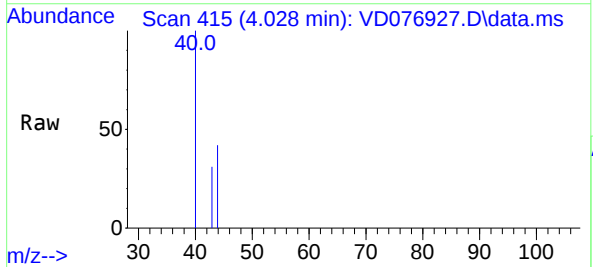
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

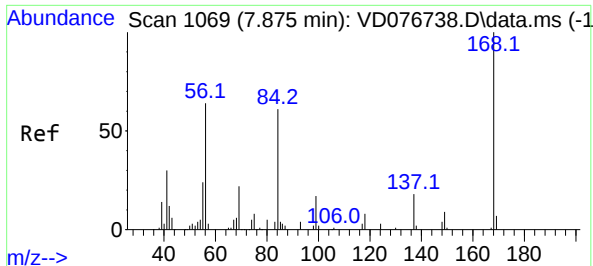
Tgt Ion:168 Resp: 172907
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#16
Acetone
Concen: 1.062 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#31

Cyclohexane

Concen: 1.642 ug/l

RT: 7.863 min Scan# 1069

Delta R.T. -0.012 min

Lab File: VD076927.D

Acq: 07 Aug 2023 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

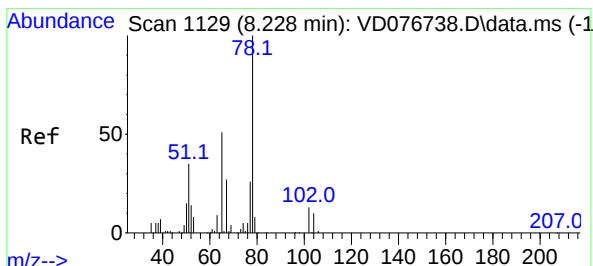
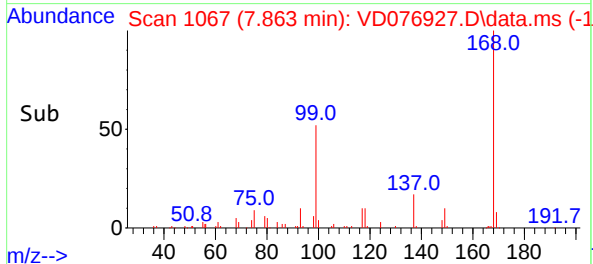
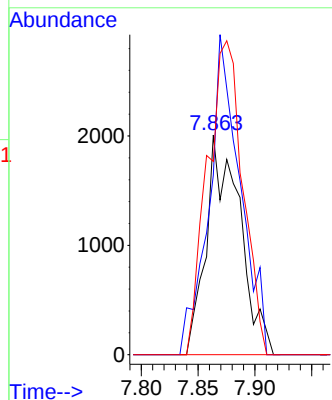
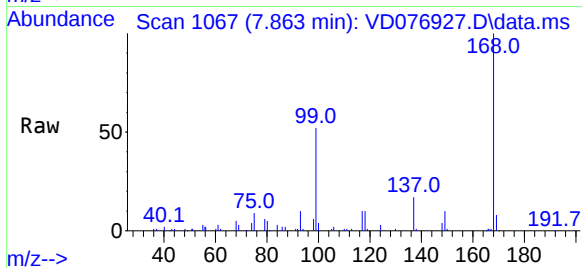
Tgt Ion: 56 Resp: 4163

Ion Ratio Lower Upper

56 100

69 81.7 28.6 43.0#

84 88.0 84.8 127.2



#33

1,2-Dichloroethane-d4

Concen: 50.273 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076927.D

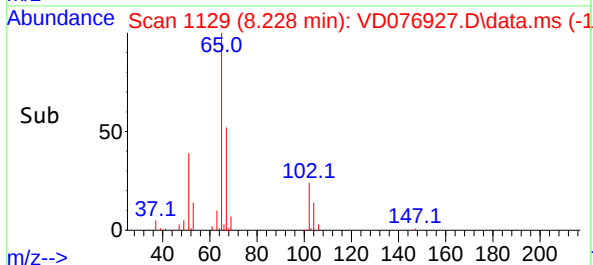
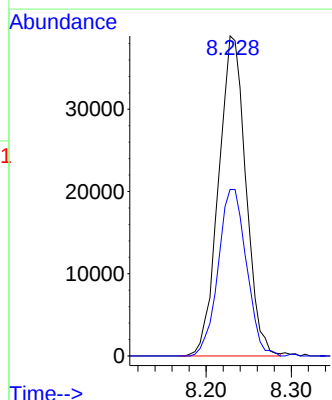
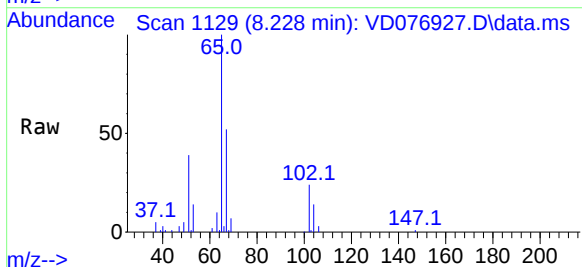
Acq: 07 Aug 2023 12:34

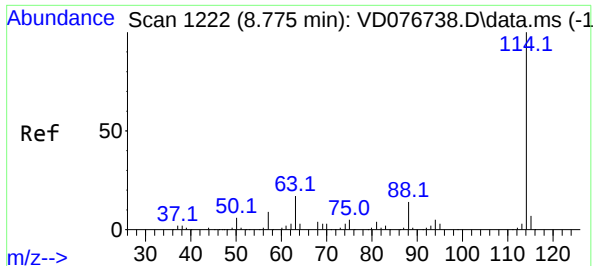
Tgt Ion: 65 Resp: 86580

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0

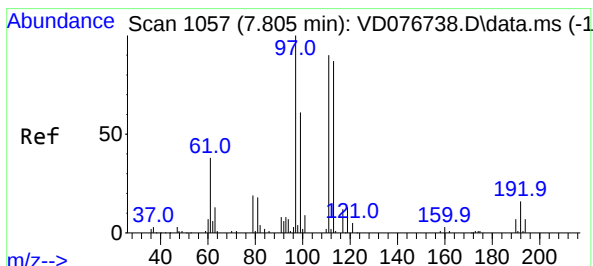
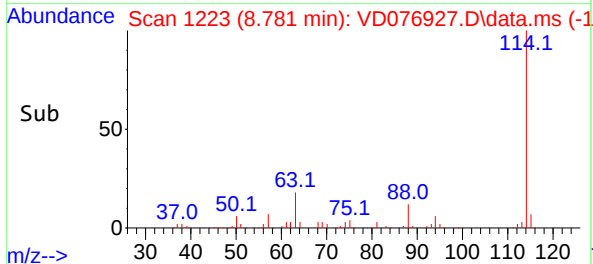
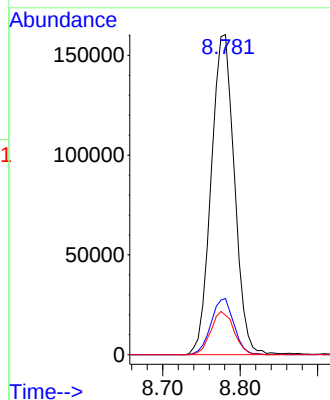
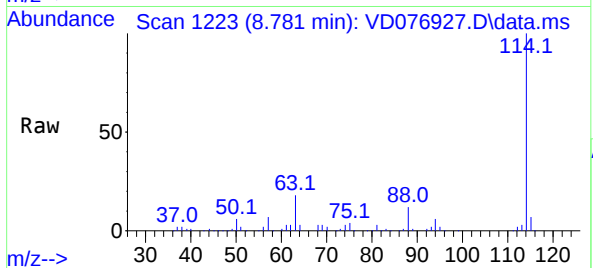




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 114
Delta R.T. 0.006 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

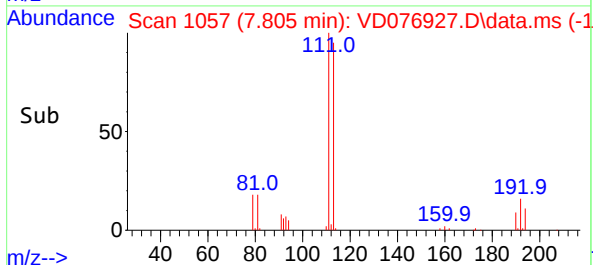
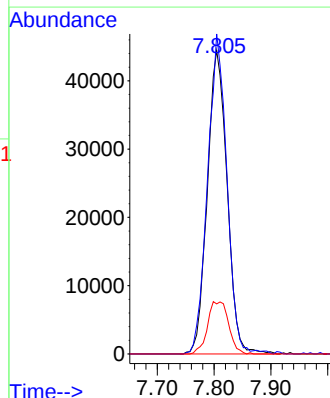
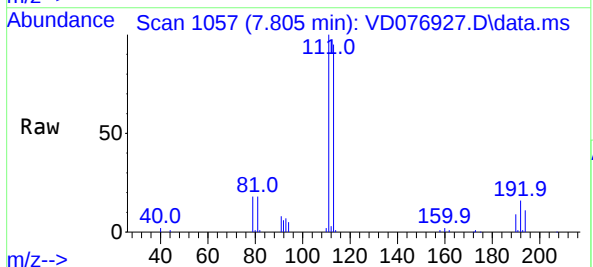
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

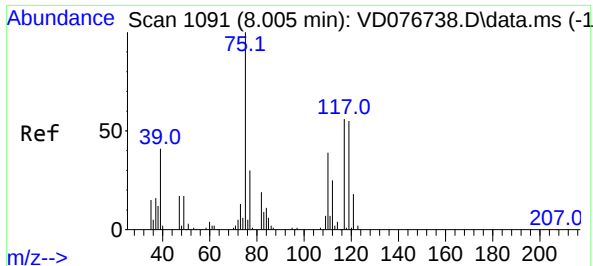
Tgt Ion:114 Resp: 334003
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.4
88 12.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.125 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion:113 Resp: 107306
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 18.3 16.8 25.2

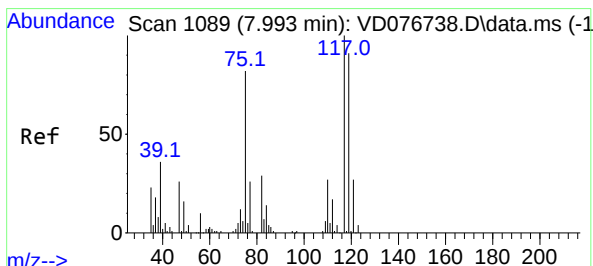
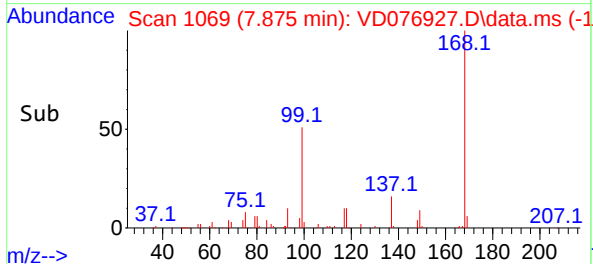
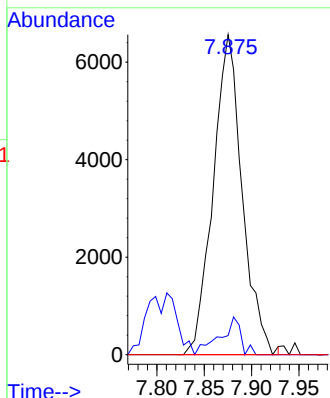
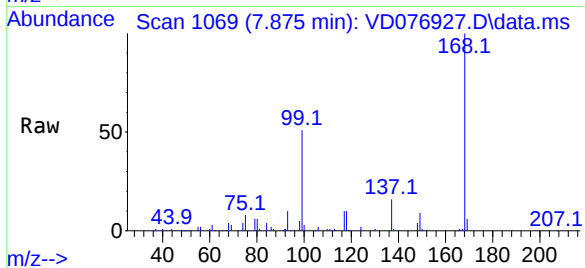




#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

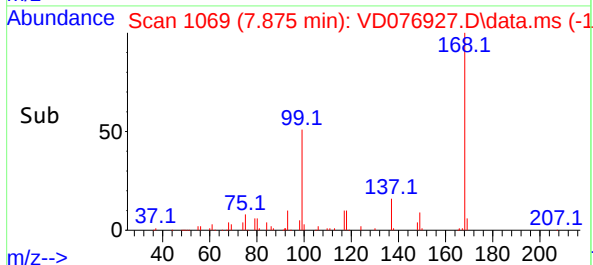
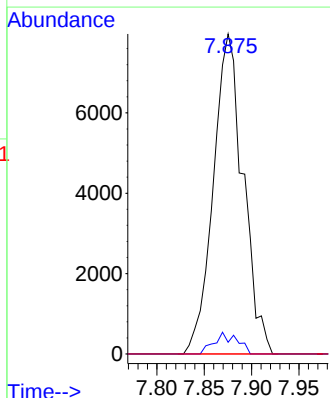
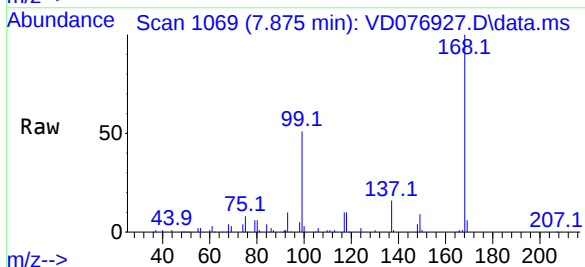
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

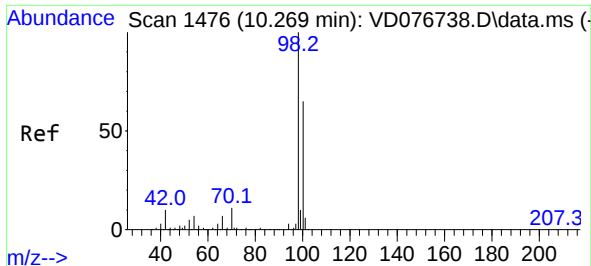
Tgt Ion:	75	Resp:	14018
Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.9	59.6#
77	0.0	24.7	37.1#



#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion:	117	Resp:	17486
Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.0	117.0#
121	0.0	24.2	36.2#

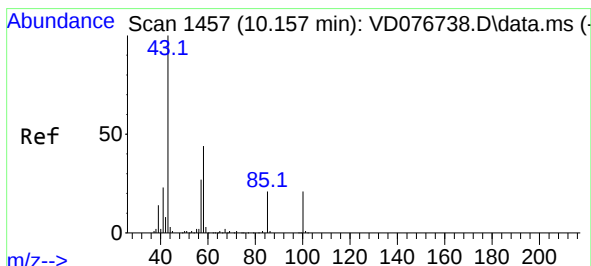
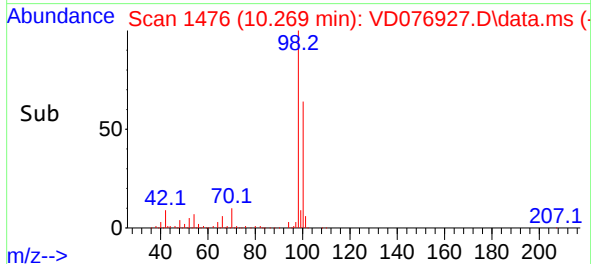
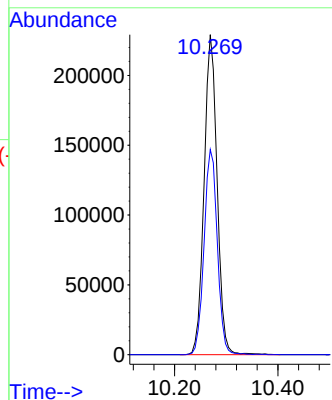
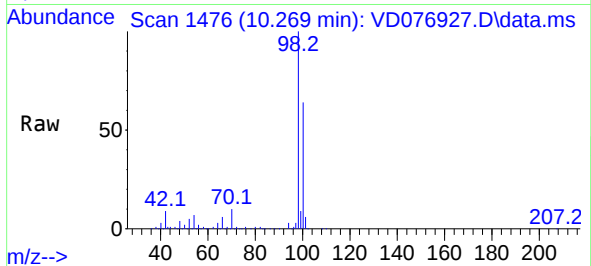




#50
Toluene-d8
Concen: 53.351 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

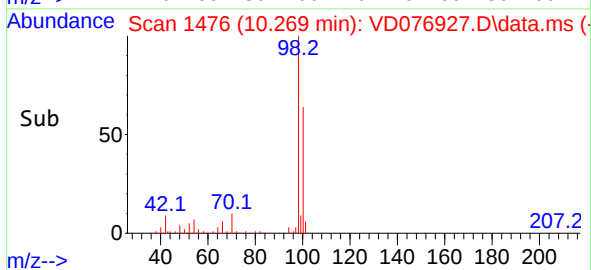
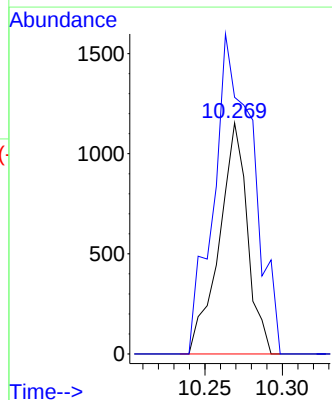
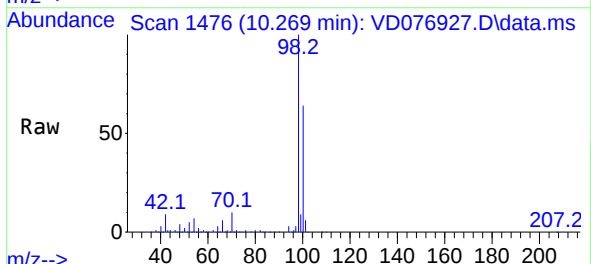
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

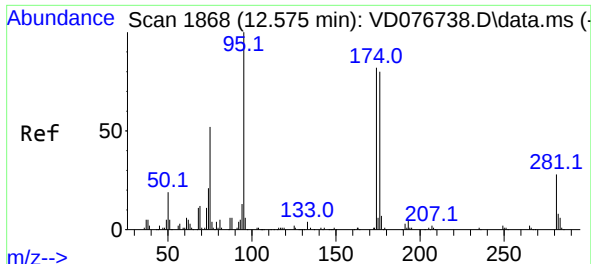
Tgt Ion: 98 Resp: 400588
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.150 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 191.3 38.9 58.3#

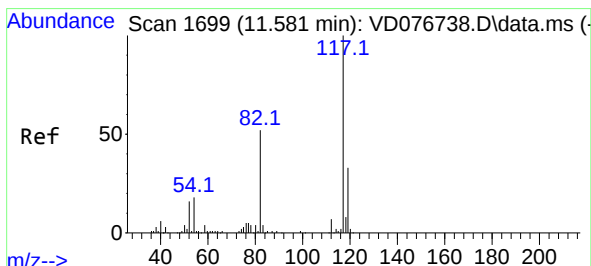
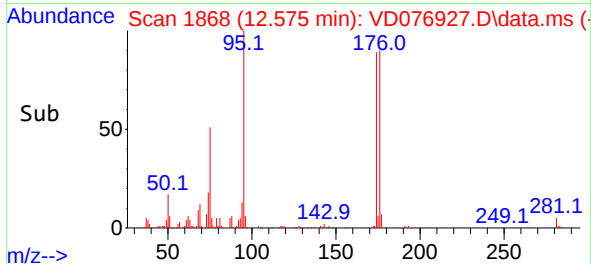
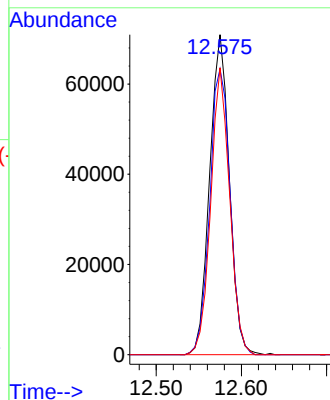
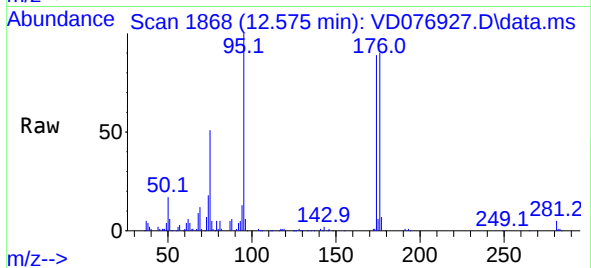




#62
4-Bromofluorobenzene
Concen: 46.913 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

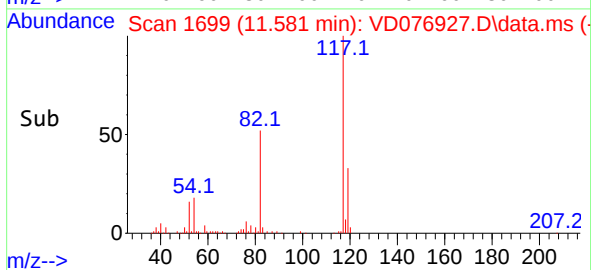
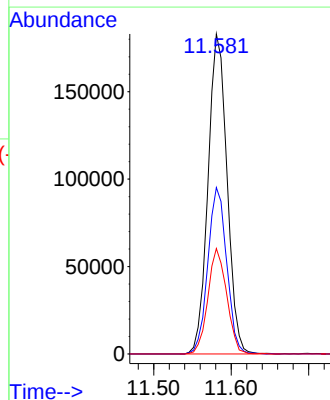
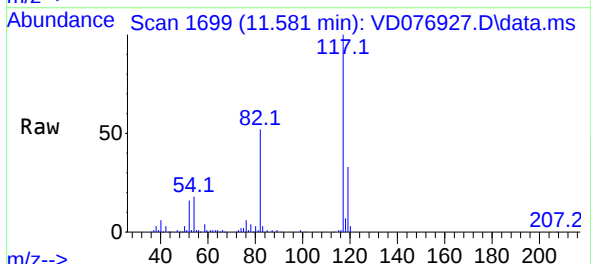
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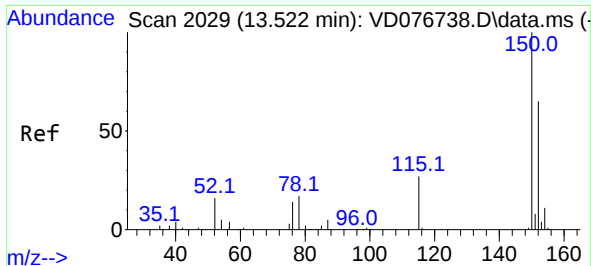
Tgt Ion: 95 Resp: 113952
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 85.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion: 117 Resp: 311663
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 32.9 25.0 37.4

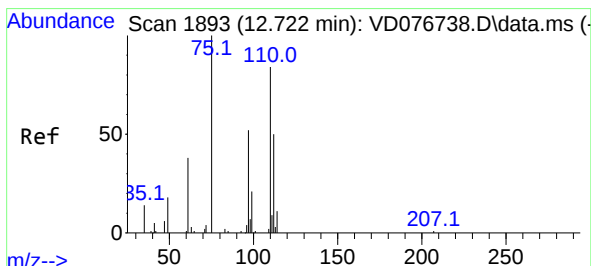
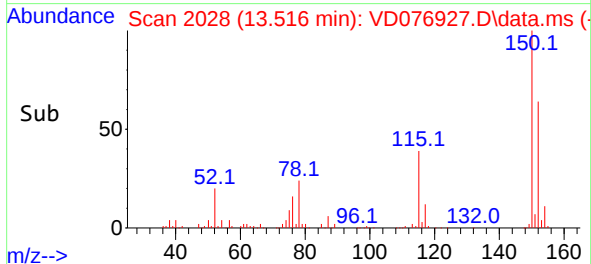
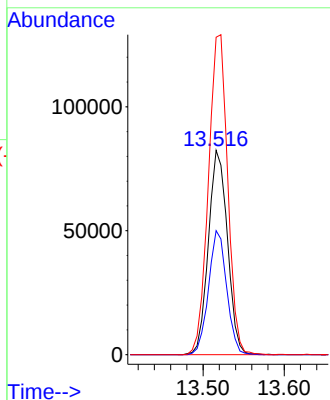
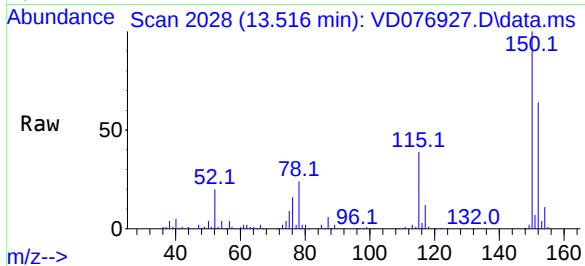




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076927.D
 Acq: 07 Aug 2023 12:34

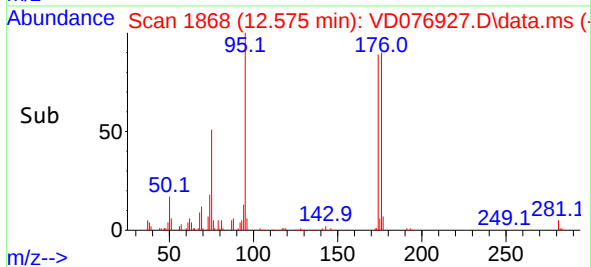
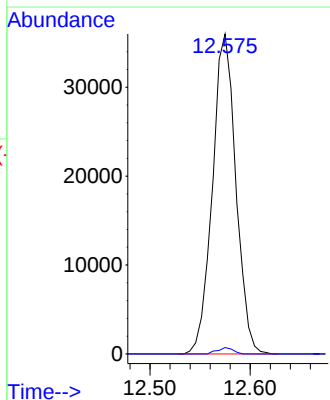
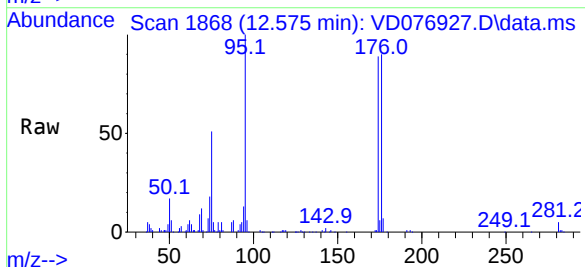
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

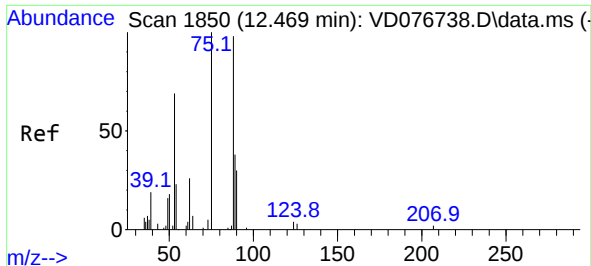
Tgt Ion:152 Resp: 134372
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.1 81.3
 150 158.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 45.661 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076927.D
 Acq: 07 Aug 2023 12:34

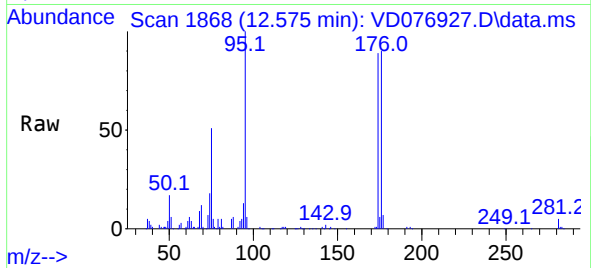
Tgt Ion: 75 Resp: 58349
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.179 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076927.D
 Acq: 07 Aug 2023 12:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01



Tgt Ion:	75	Resp:	58349
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

