

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076540.D
 Acq On : 22 Jun 2023 15:44
 Operator : KP/SY
 Sample : 03360-05
 Misc : 5.26G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CE-88N-062023

Quant Time: Jun 23 06:36:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

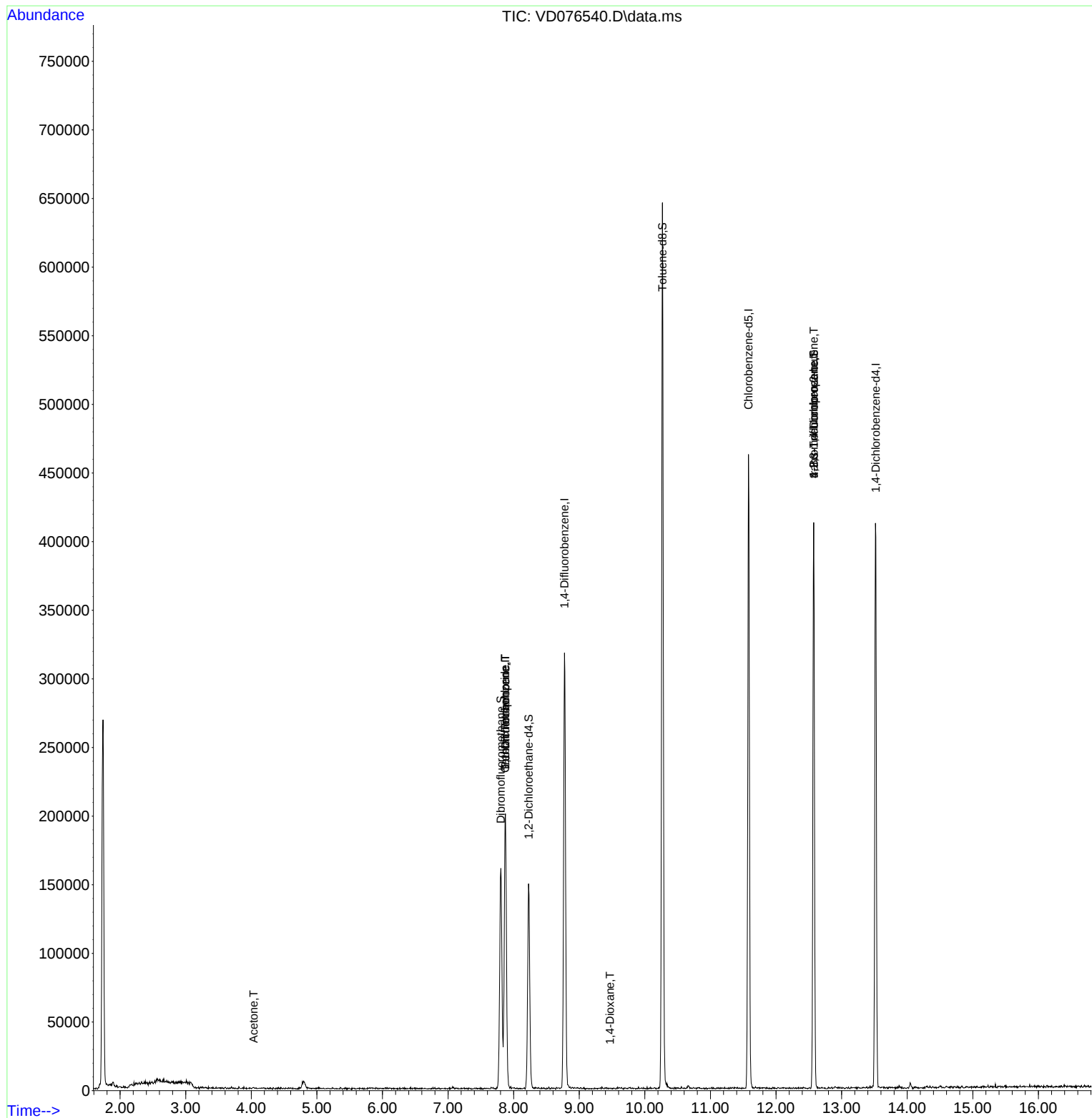
Internal Standards						
1) Pentafluorobenzene	7.875	168	157528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	112419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111713	70.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.560%	
35) Dibromofluoromethane	7.804	113	116414	68.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.920%	
50) Toluene-d8	10.269	98	423732	66.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 132.380%	
62) 4-Bromofluorobenzene	12.575	95	124506	59.926	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	402	1.070	ug/l #	32
20) Methylene Chloride	4.799	84	3985	Below Cal	#	55
28) Bromochloromethane	7.475	49	71	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	13398	5.668	ug/l #	47
38) Carbon Tetrachloride	7.869	117	14955	7.078	ug/l #	17
49) 1,4-Dioxane	9.469	88	67	5.341	ug/l #	6
76) 1,2,3-Trichloropropane	12.575	75	67045	60.091	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	67045	131.672	ug/l #	17

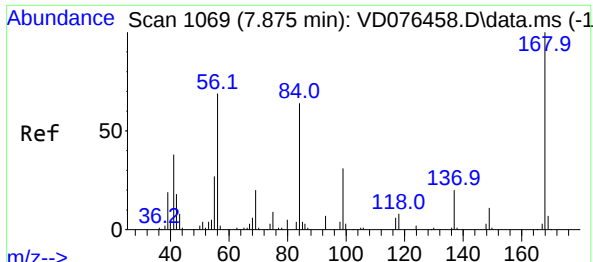
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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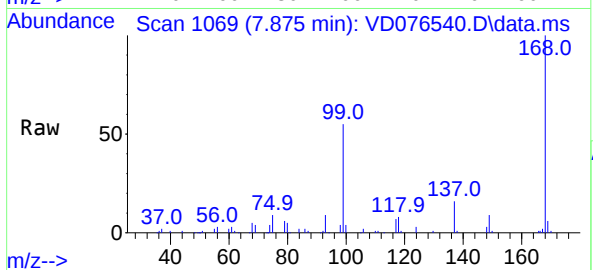
Quant Time: Jun 23 06:36:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
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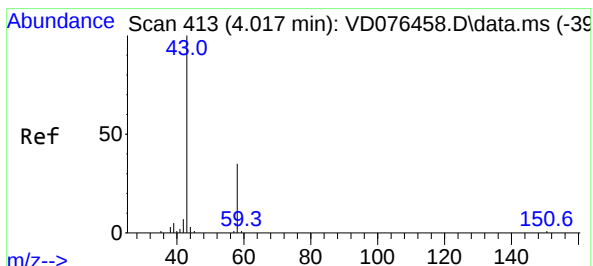
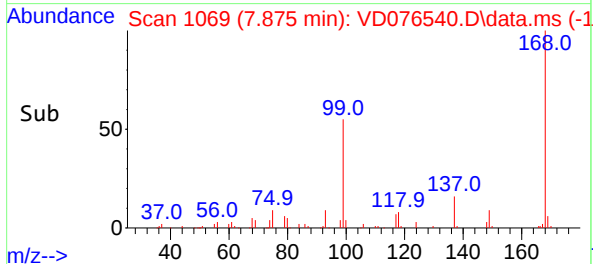
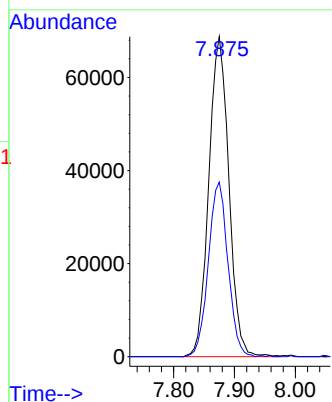


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
CE-88N-062023

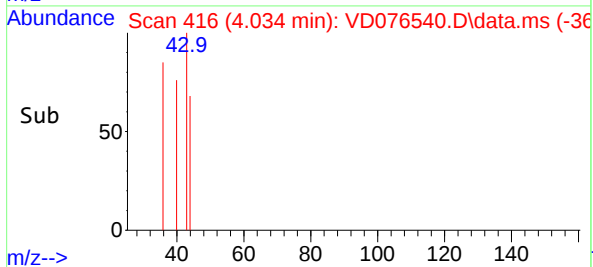
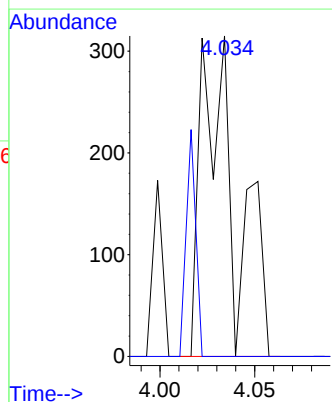
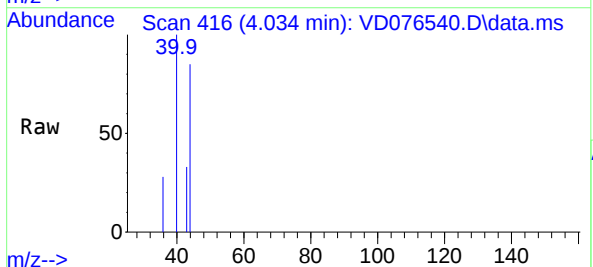


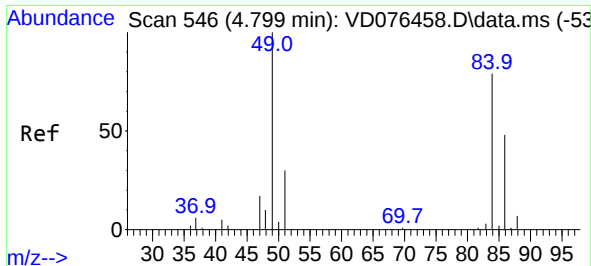
Tgt Ion:168 Resp: 157528
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#16
Acetone
Concen: 1.070 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.018 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



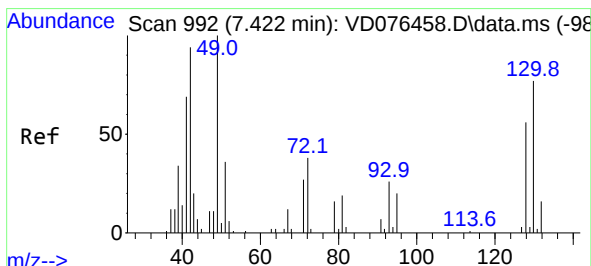
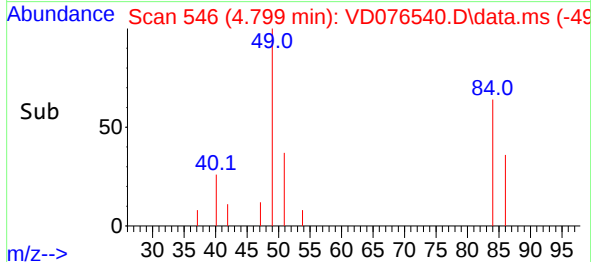
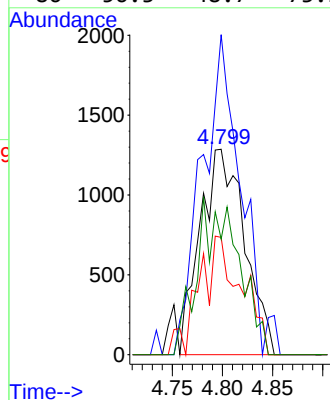
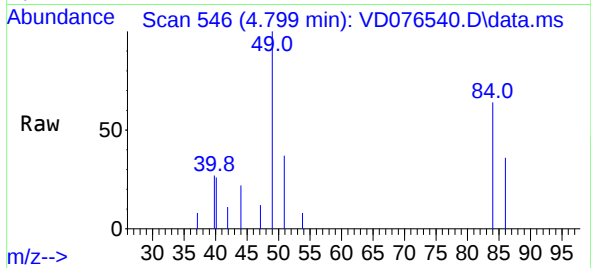


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
CE-88N-062023

Tgt Ion: 84 Resp: 3985

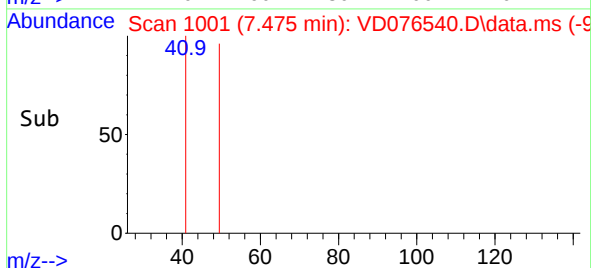
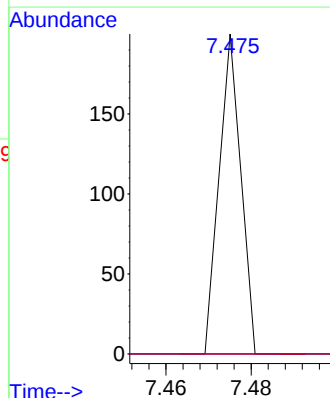
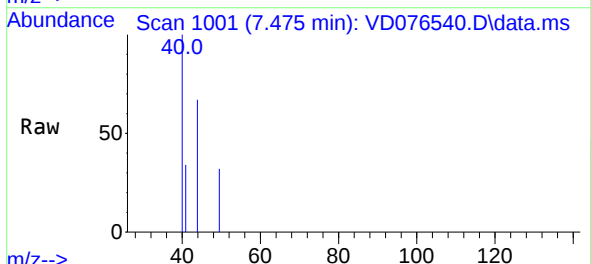
Ion	Ratio	Lower	Upper
84	100		
49	155.7	71.4	107.2#
51	57.1	24.5	36.7#
86	56.3	48.7	73.1

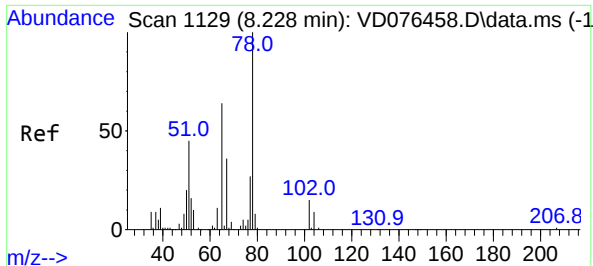


#28
Bromochloromethane
Concen: Below Cal
RT: 7.475 min Scan# 1001
Delta R.T. 0.053 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion: 49 Resp: 71

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	0.0	83.2	124.8#

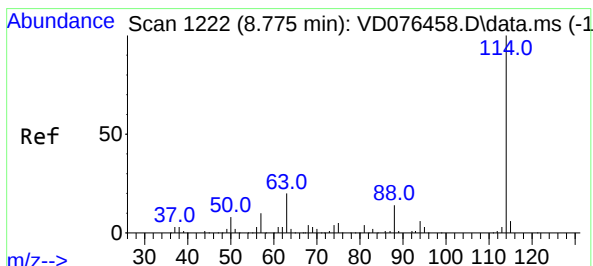
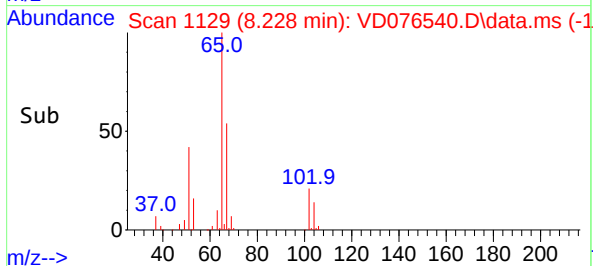
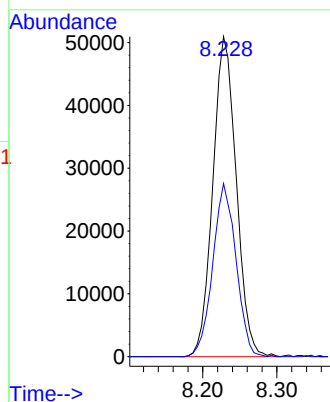
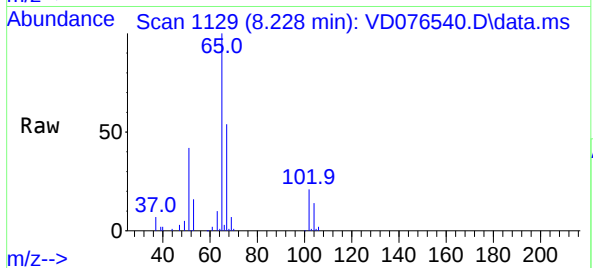




#33
1,2-Dichloroethane-d4
Concen: 70.781 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

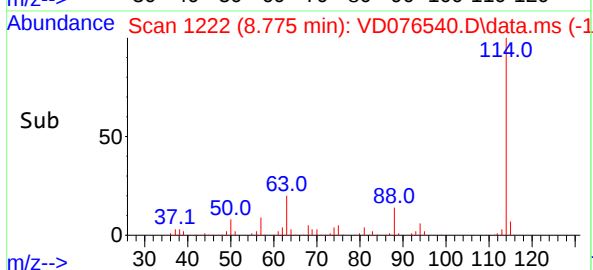
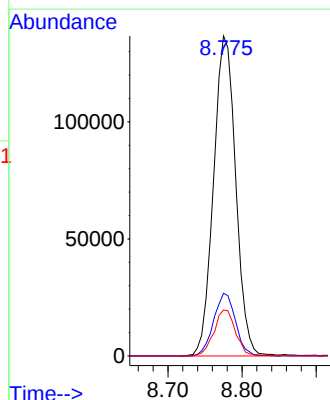
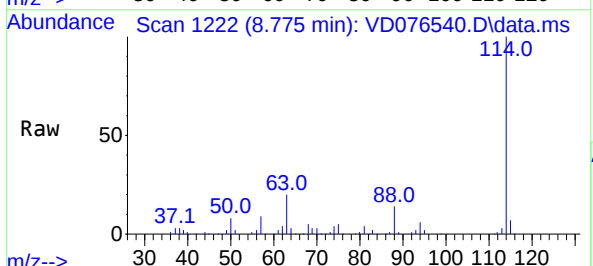
Instrument :
MSVOA_D
ClientSampleId :
CE-88N-062023

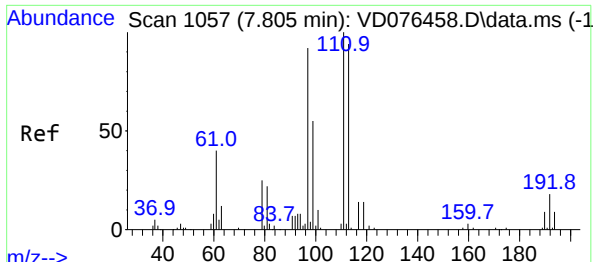
Tgt Ion: 65 Resp: 111713
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

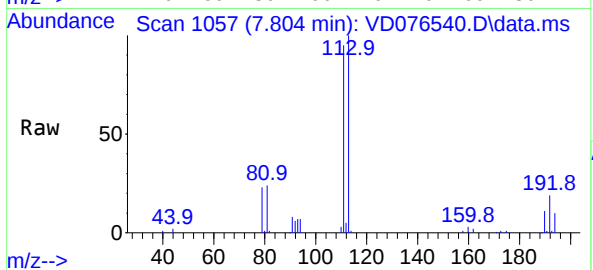
Tgt Ion: 114 Resp: 284148
Ion Ratio Lower Upper
114 100
63 19.6 0.0 33.4
88 14.3 0.0 26.2





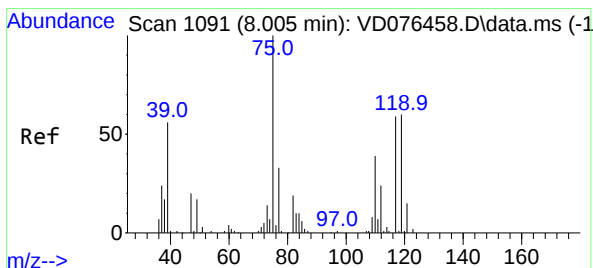
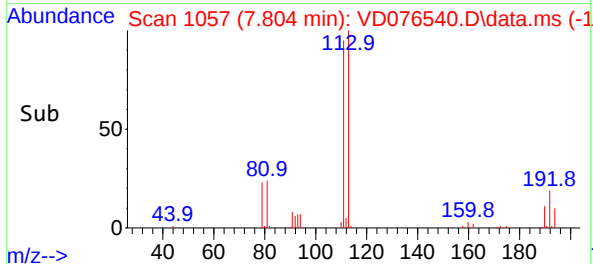
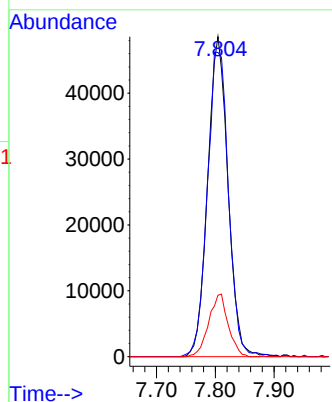
#35
Dibromofluoromethane
Concen: 68.964 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 113 Resp: 116414

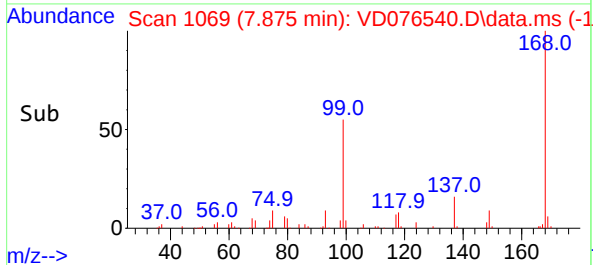
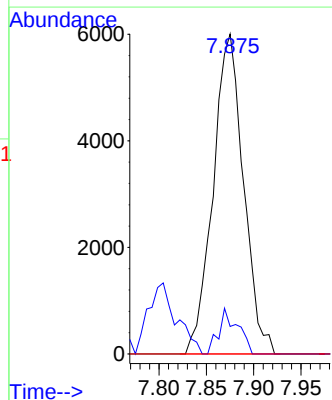
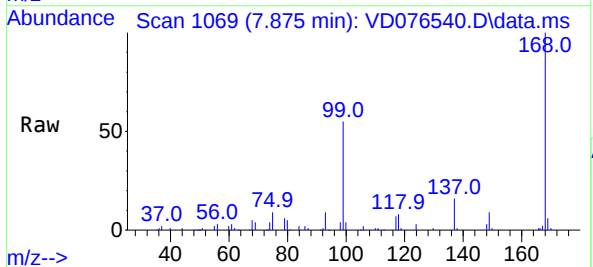
Ion	Ratio	Lower	Upper
113	100		
111	100.4	84.7	127.1
192	18.8	16.8	25.2

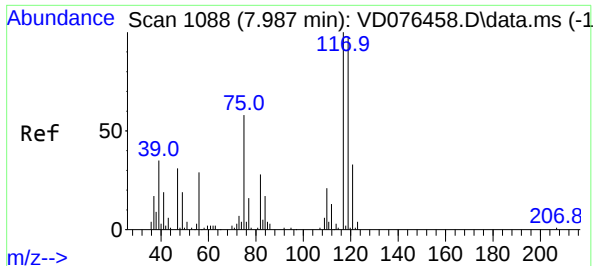


#36
1,1-Dichloropropene
Concen: 5.668 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion: 75 Resp: 13398

Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.9	59.6#
77	0.0	24.7	37.1#

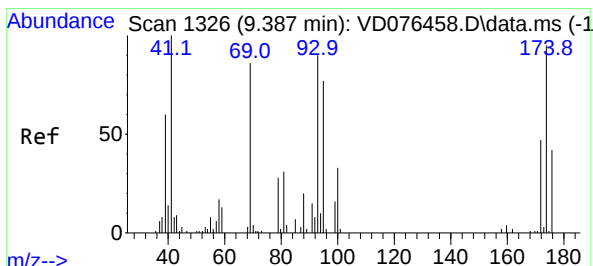
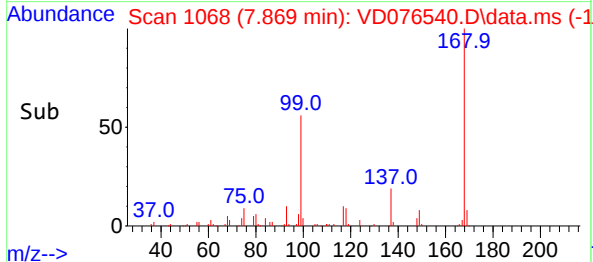
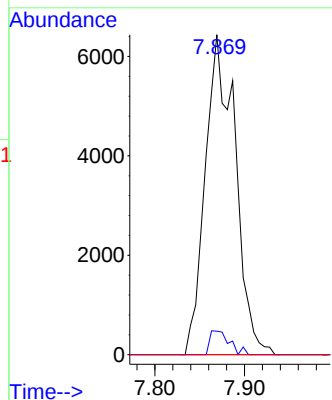
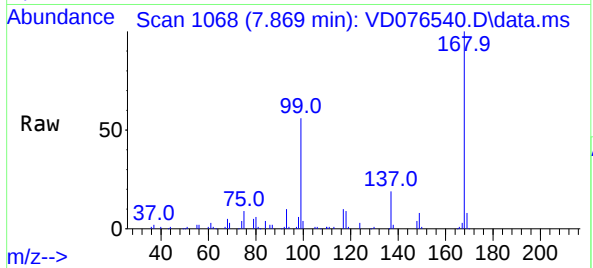




#38
Carbon Tetrachloride
Concen: 7.078 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

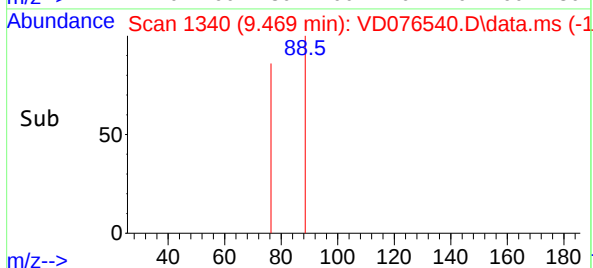
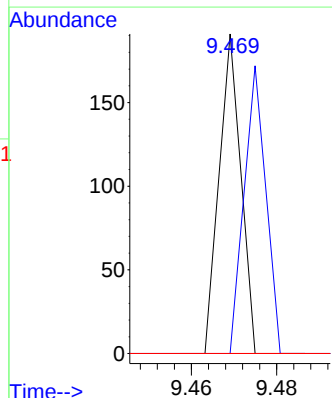
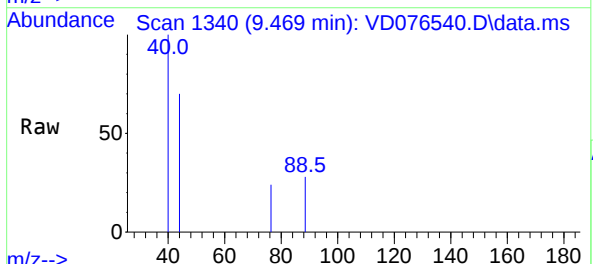
Instrument :
MSVOA_D
ClientSampleId :
CE-88N-062023

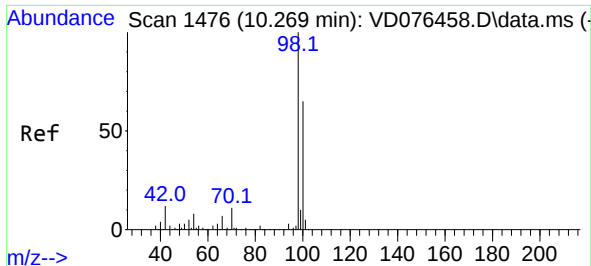
Tgt Ion:117 Resp: 14955
Ion Ratio Lower Upper
117 100
119 7.4 78.0 117.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 5.341 ug/l
RT: 9.469 min Scan# 1340
Delta R.T. 0.082 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 91.0 19.0 28.6#
58 0.0 43.5 65.3#

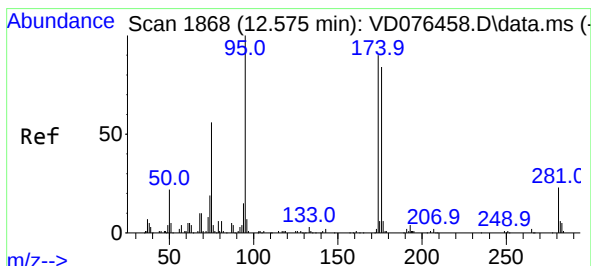
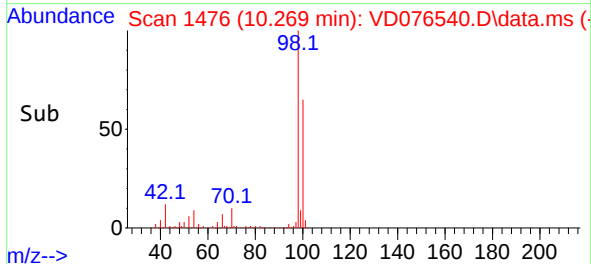
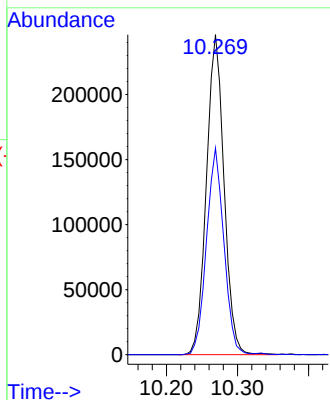
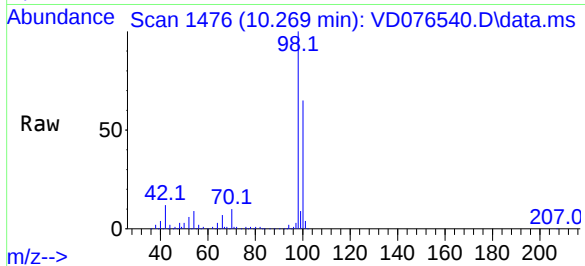




#50
Toluene-d8
Concen: 66.190 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

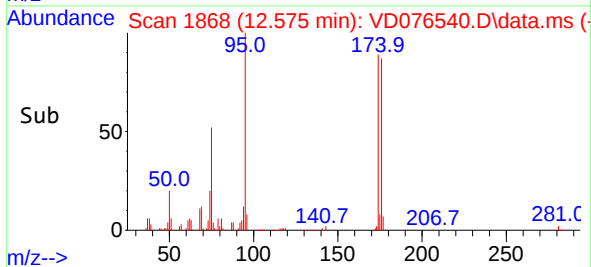
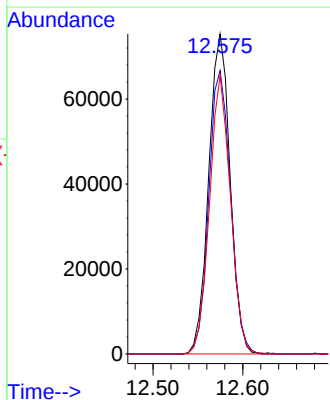
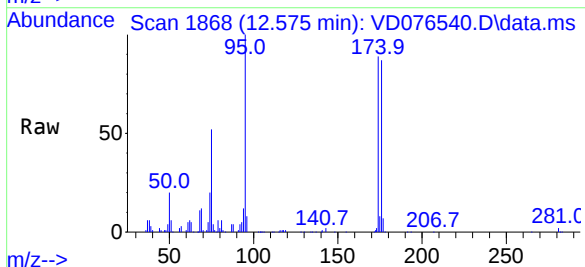
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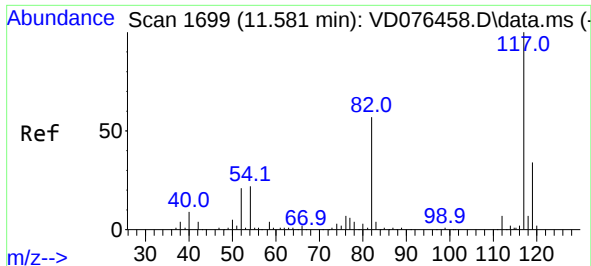
Tgt Ion: 98 Resp: 423732
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 59.926 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion: 95 Resp: 124506
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 85.1 0.0 191.8

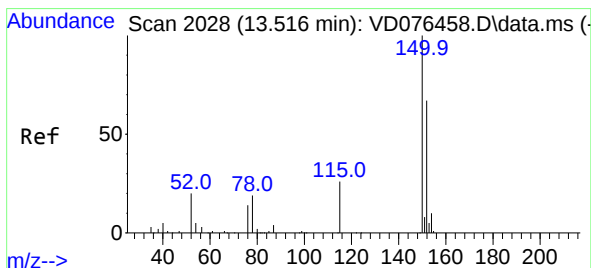
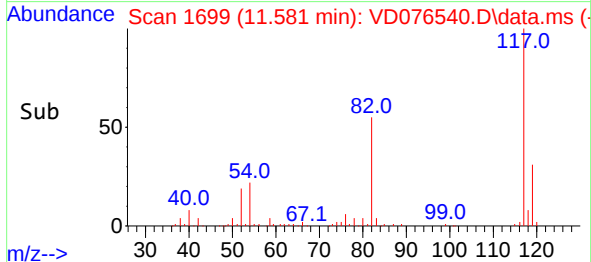
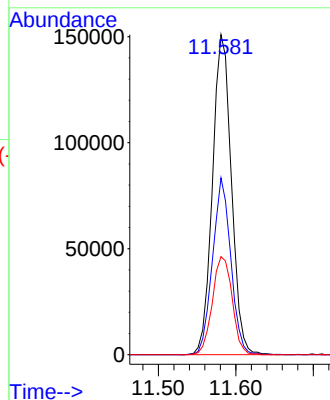
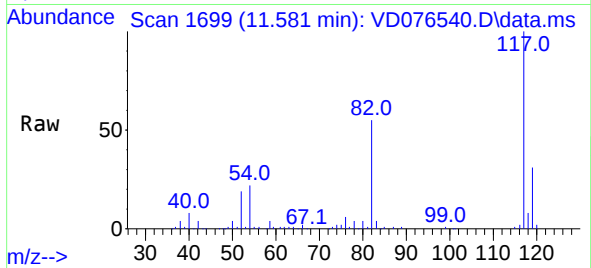




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

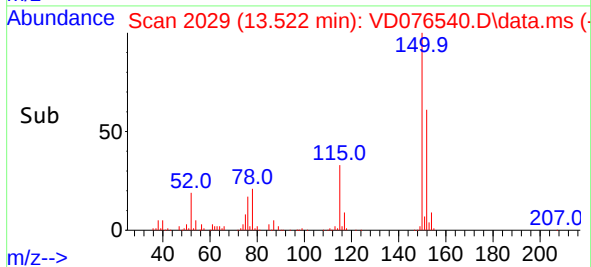
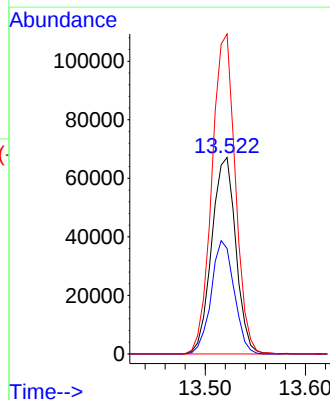
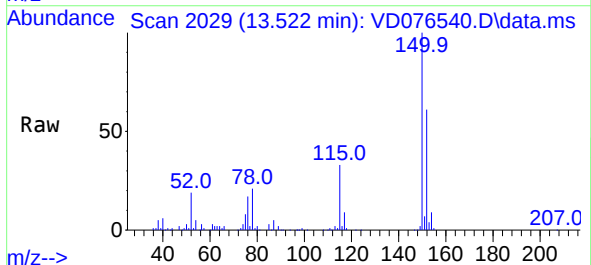
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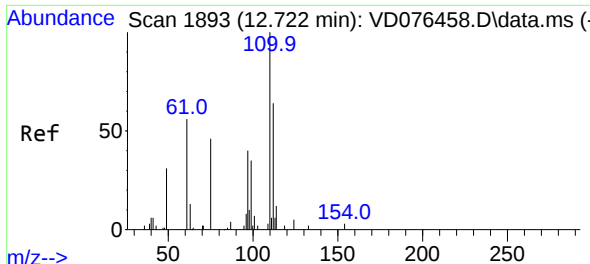
Tgt Ion:117 Resp: 255999
Ion Ratio Lower Upper
117 100
82 55.2 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion:152 Resp: 112419
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 157.9 0.0 353.6

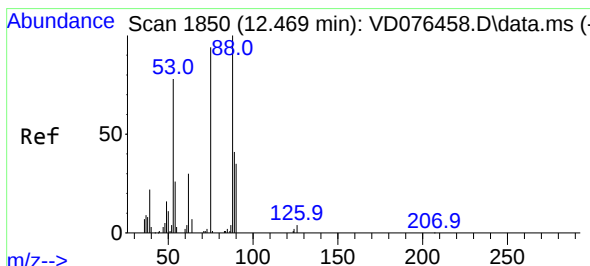
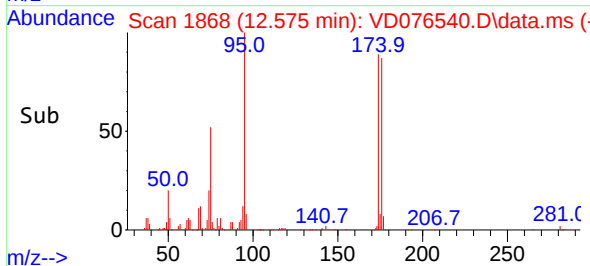
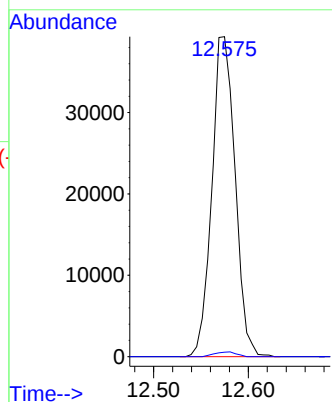
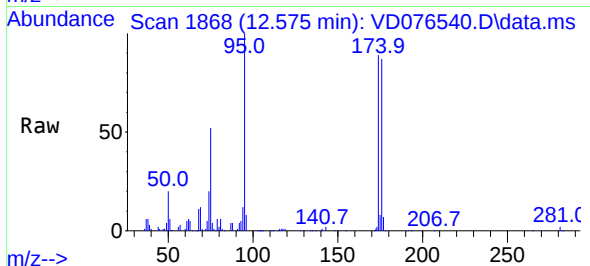




#76
1,2,3-Trichloropropane
Concen: 60.091 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Instrument :
MSVOA_D
ClientSampleId :
CE-88N-062023

Tgt Ion: 75 Resp: 67045
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076540.D
Acq: 22 Jun 2023 15:44

Tgt Ion: 75 Resp: 67045
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

