

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075217.D
 Acq On : 26 Jan 2023 18:13
 Operator : KP/SY
 Sample : 01271-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-012423RE

Quant Time: Jan 27 00:26:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

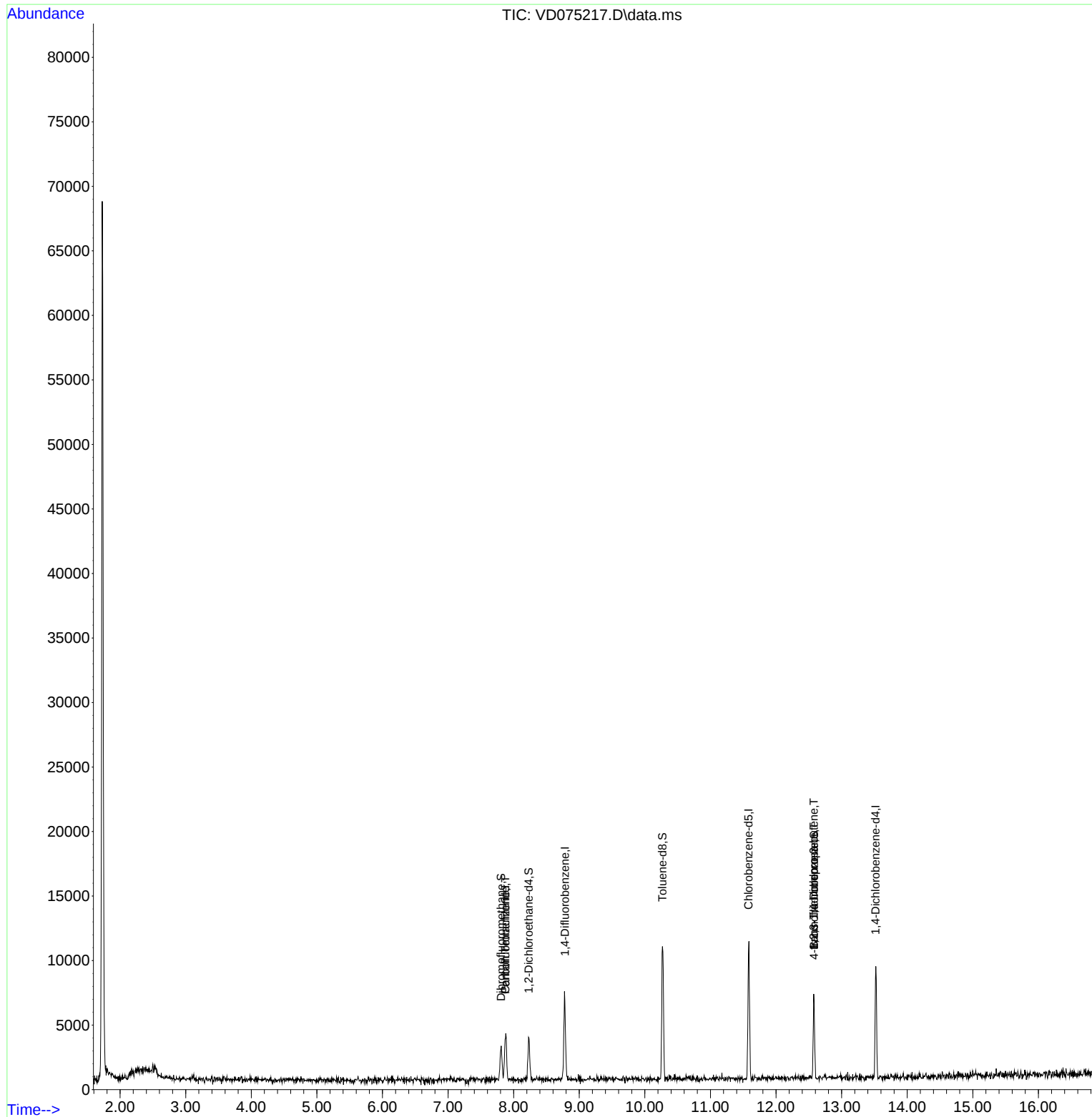
Internal Standards						
1) Pentafluorobenzene	7.875	168	3813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	6765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2666	68.519	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.040%
35) Dibromofluoromethane	7.810	113	2204	53.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.269	98	7899	49.076	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.581	95	2406	47.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.200%
Target Compounds						
						Qvalue
38) Carbon Tetrachloride	7.875	117	212	3.834	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	1459	62.507	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1459	144.990	ug/l #	14

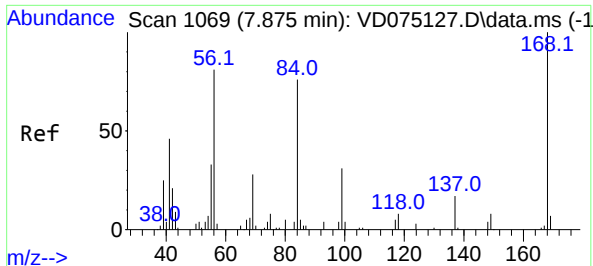
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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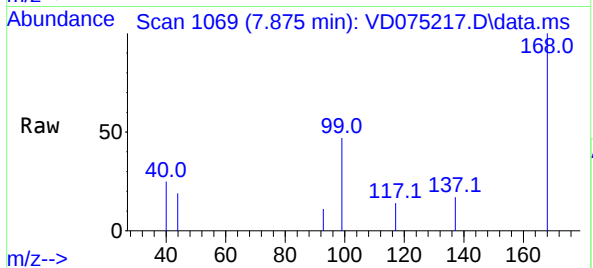
Quant Time: Jan 27 00:26:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



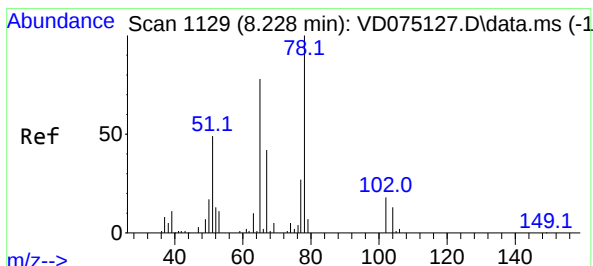
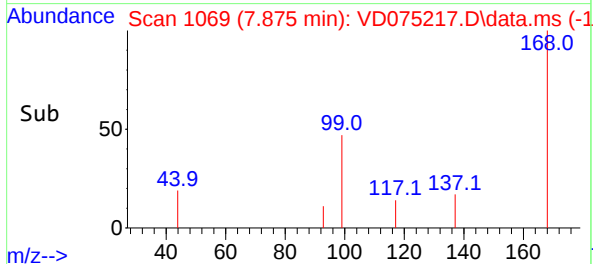
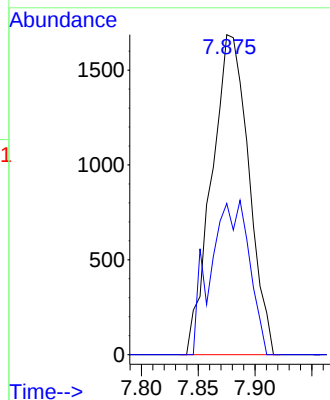


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :
SU-3-012423RE

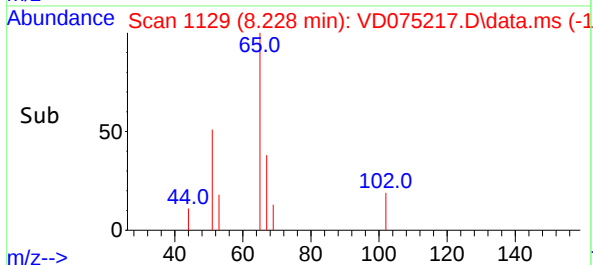
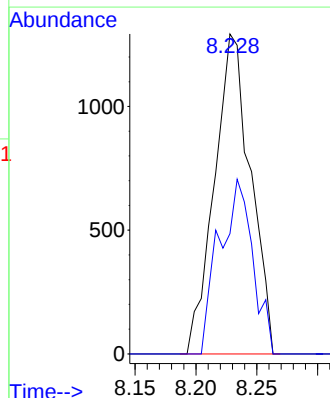
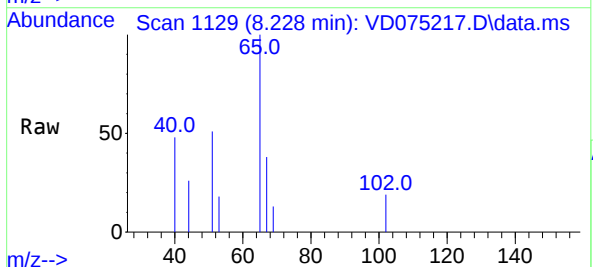


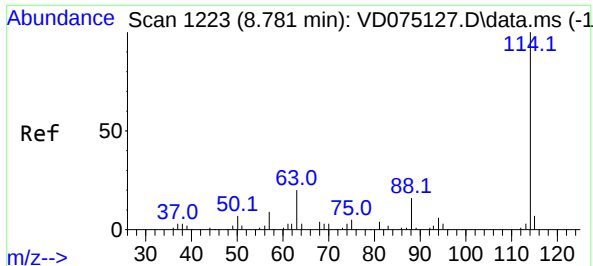
Tgt Ion:168 Resp: 3813
Ion Ratio Lower Upper
168 100
99 47.2 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 68.519 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Tgt Ion: 65 Resp: 2666
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.2

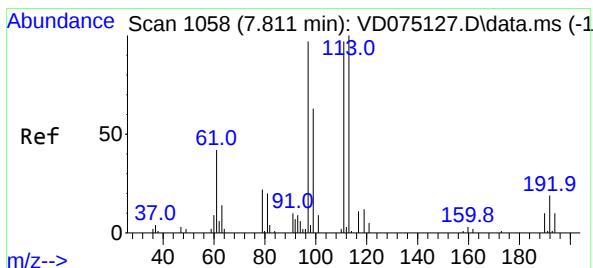
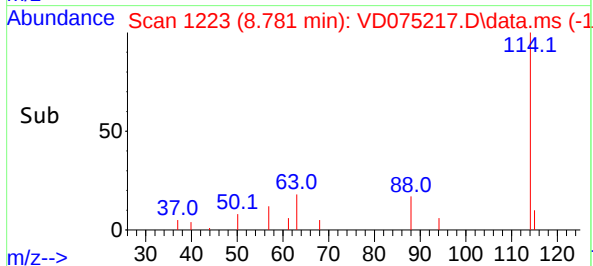
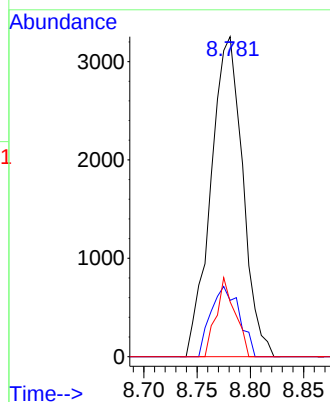
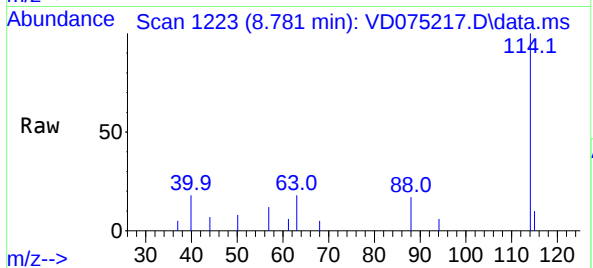




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

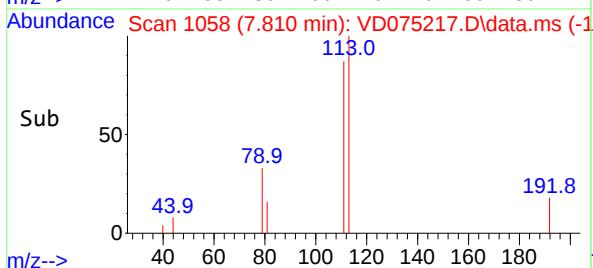
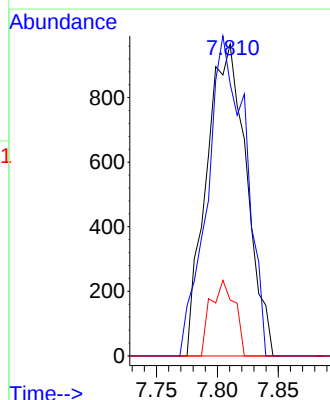
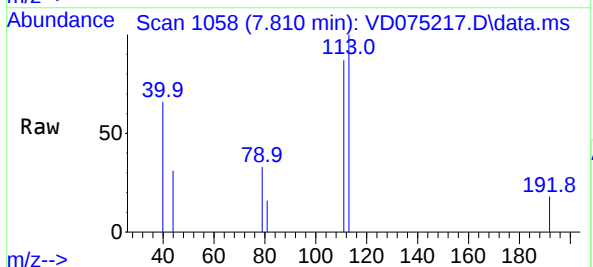
Instrument :
MSVOA_D
ClientSampleId :
SU-3-012423RE

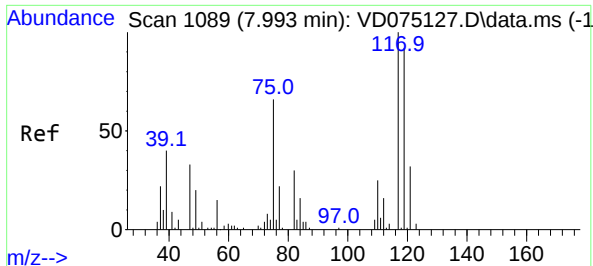
Tgt Ion:114 Resp: 6765
Ion Ratio Lower Upper
114 100
63 17.6 0.0 40.2
88 17.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 53.916 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Tgt Ion:113 Resp: 2204
Ion Ratio Lower Upper
113 100
111 98.7 80.1 120.1
192 14.6 15.4 23.0#

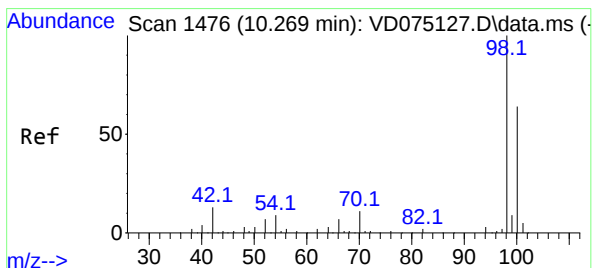
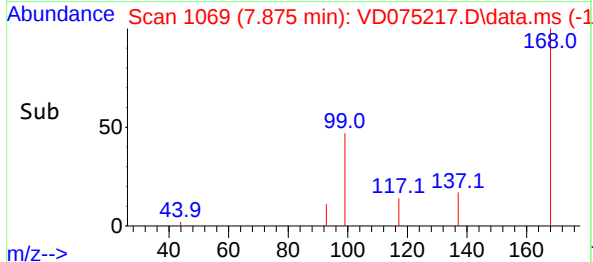
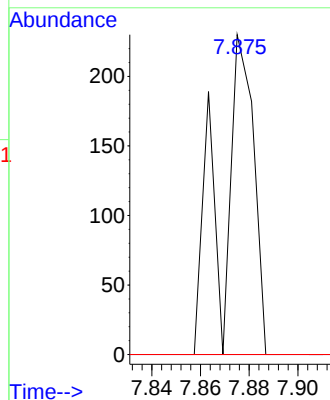
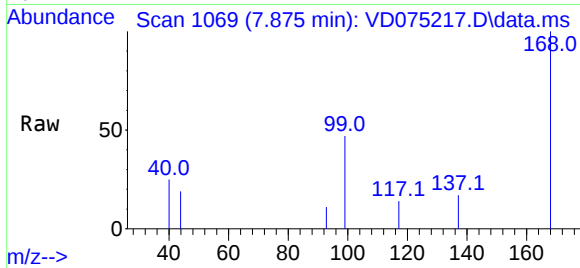




#38
Carbon Tetrachloride
Concen: 3.834 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

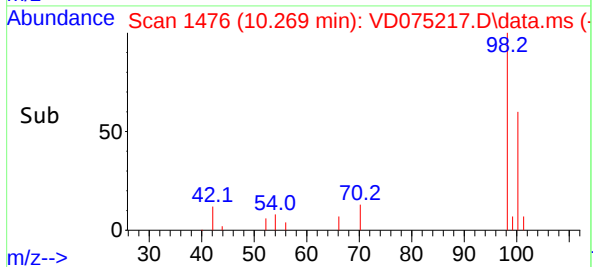
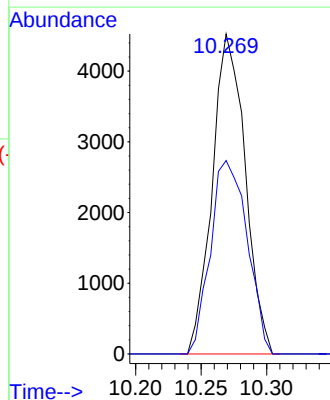
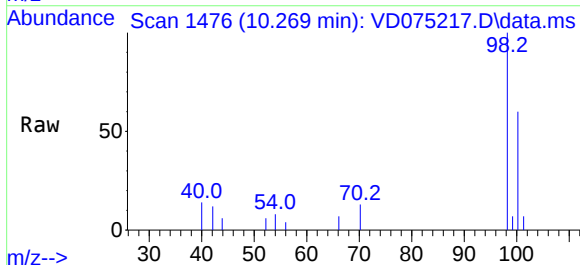
Instrument :
MSVOA_D
ClientSampleId :
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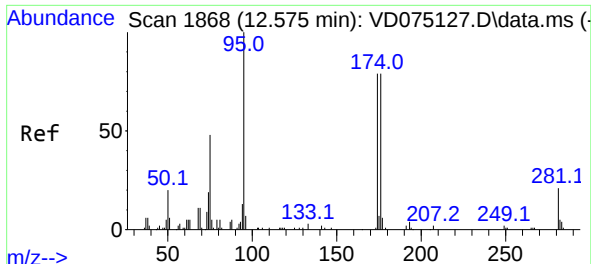
Tgt Ion:117 Resp: 212
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.076 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Tgt Ion: 98 Resp: 7899
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1

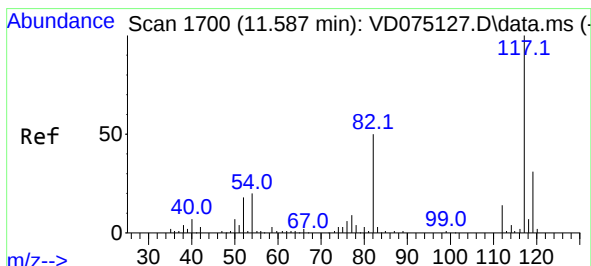
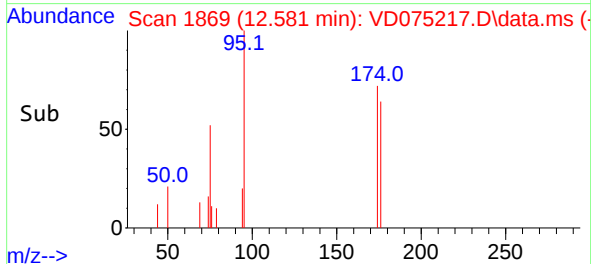
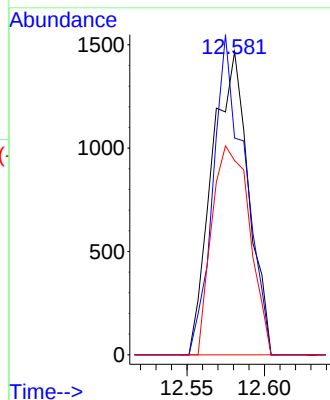
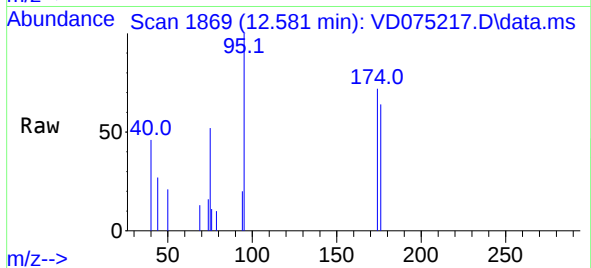




#62
4-Bromofluorobenzene
Concen: 47.100 ug/l
RT: 12.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

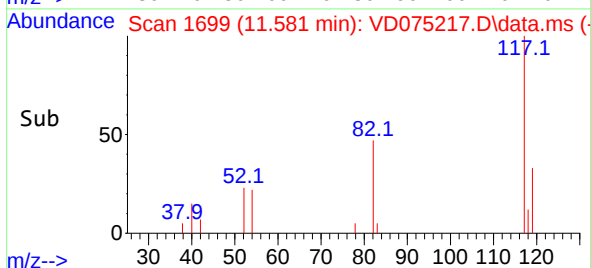
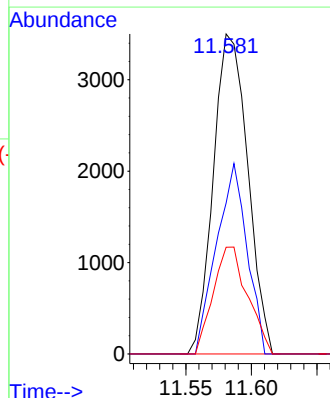
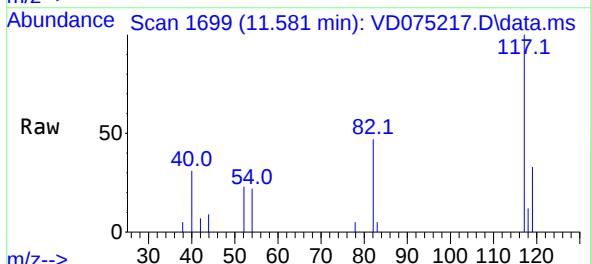
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ClientSampleId :
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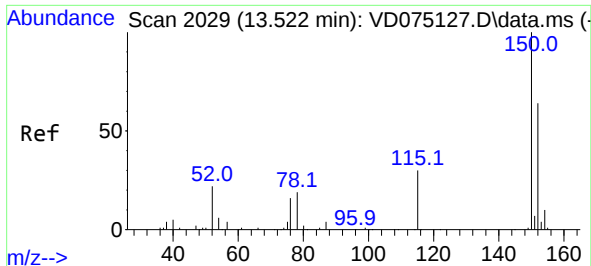
Tgt Ion:	95	Resp:	2406
Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	161.2
176	71.1	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Tgt Ion:	117	Resp:	6386
Ion	Ratio	Lower	Upper
117	100		
82	47.2	39.6	59.4
119	33.3	24.6	37.0

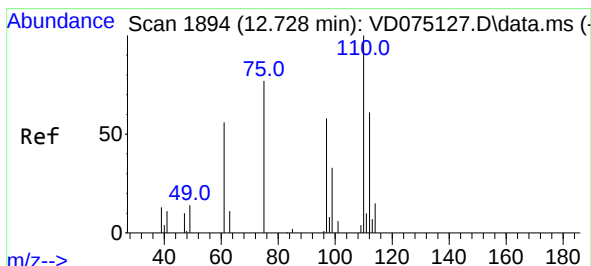
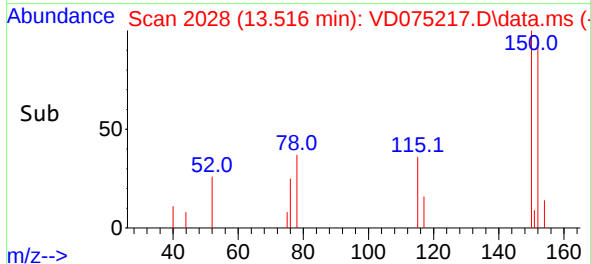
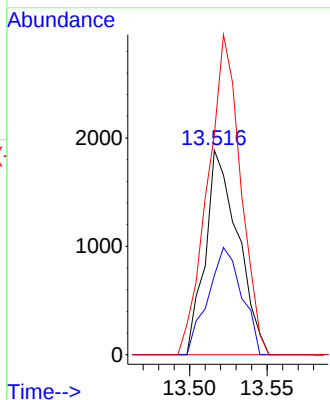
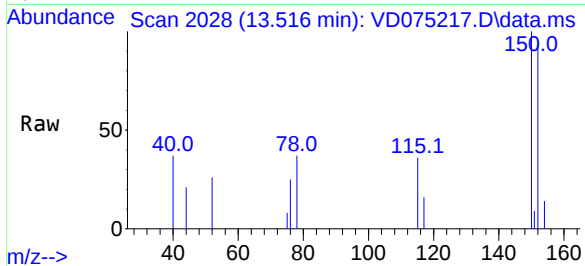




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

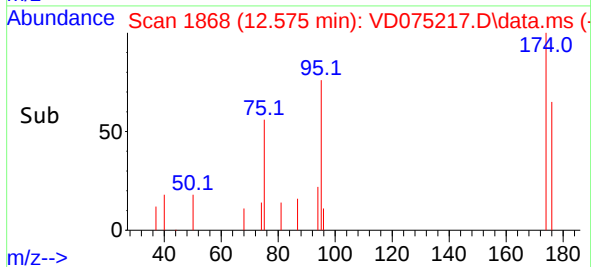
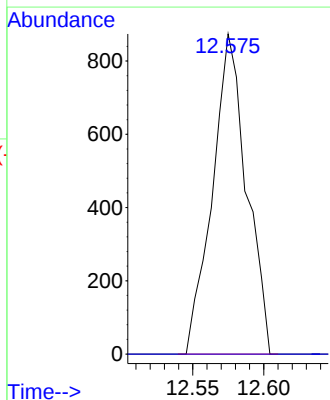
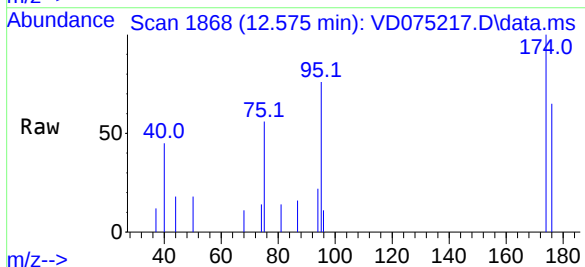
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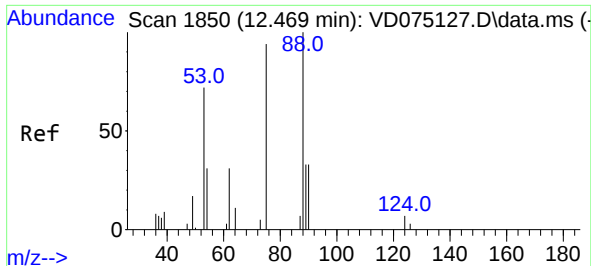
Tgt Ion:152 Resp: 2756
Ion Ratio Lower Upper
152 100
115 54.5 28.8 86.4
150 158.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 62.507 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

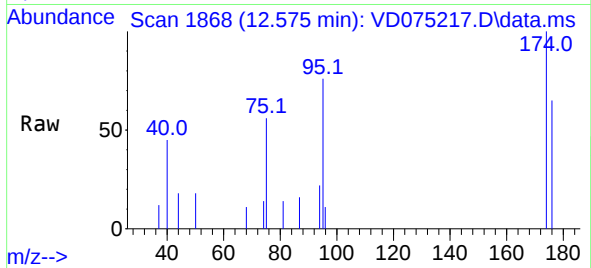
Tgt Ion: 75 Resp: 1459
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 144.990 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075217.D
Acq: 26 Jan 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :
SU-3-012423RE



Tgt Ion: 75 Resp: 1459
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

