

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079563.D
 Acq On : 03 Aug 2024 02:40
 Operator : RP/MD
 Sample : P3409-01
 Misc : 6.21G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-868-J-SO-2-2.5-073024

Quant Time: Aug 03 04:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

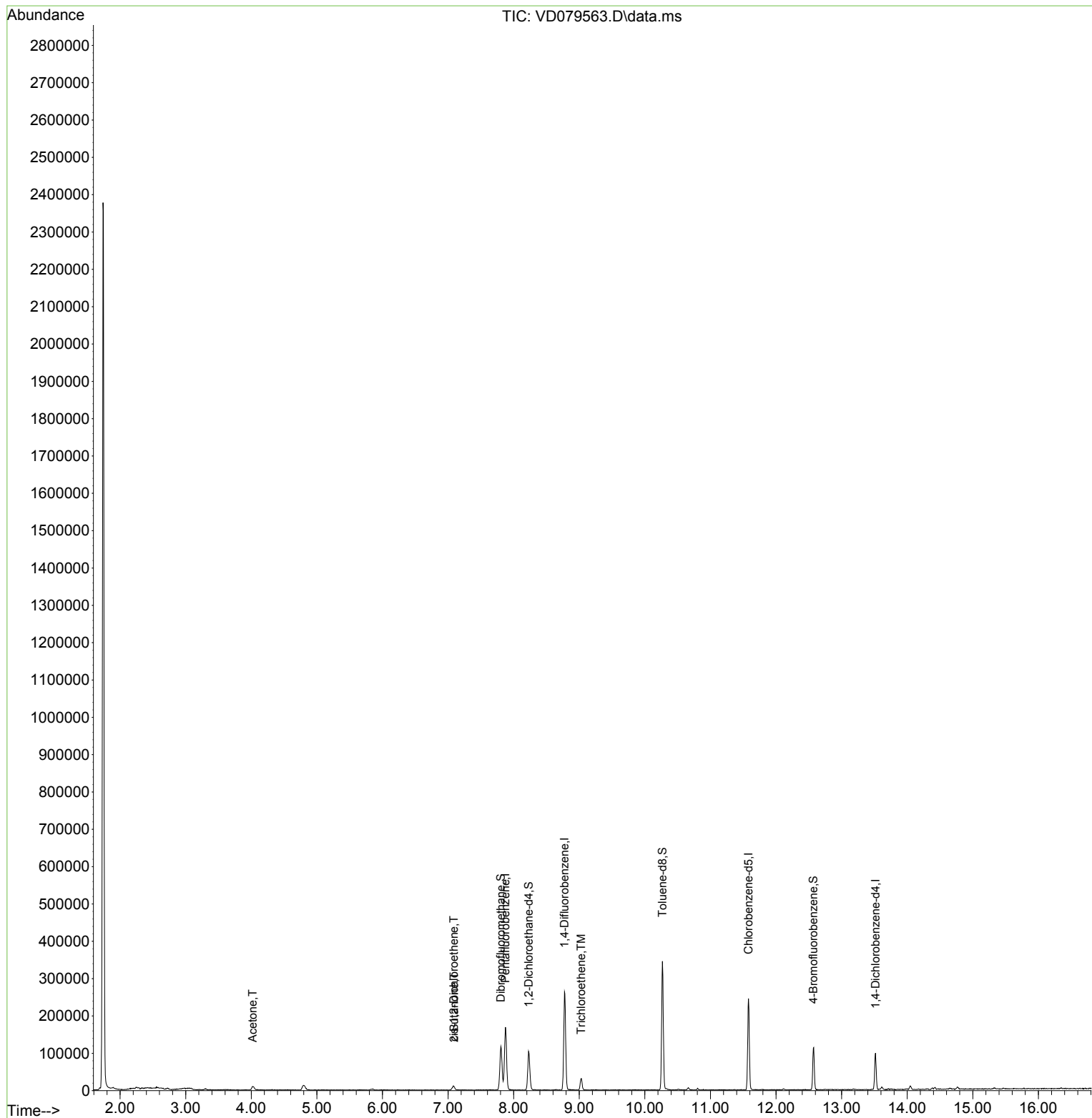
Internal Standards						
1) Pentafluorobenzene	7.875	168	131143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79269	59.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.804	113	85320	52.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.269	98	244239	39.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.040%
62) 4-Bromofluorobenzene	12.569	95	32309	17.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.680%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	16350	63.147	ug/l	91
25) 2-Butanone	7.093	43	3669	9.995	ug/l #	78
27) cis-1,2-Dichloroethene	7.087	96	5491	3.018	ug/l	99
44) Trichloroethene	9.028	130	12180	7.003	ug/l	96

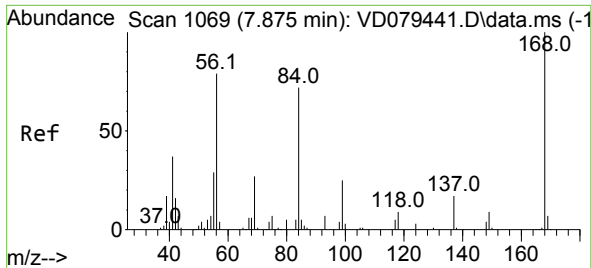
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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Response via : Initial Calibration

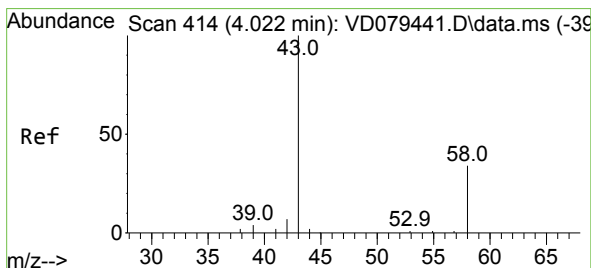
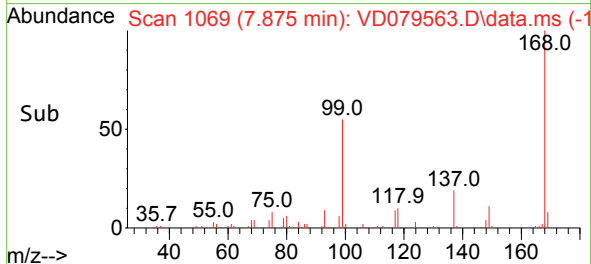
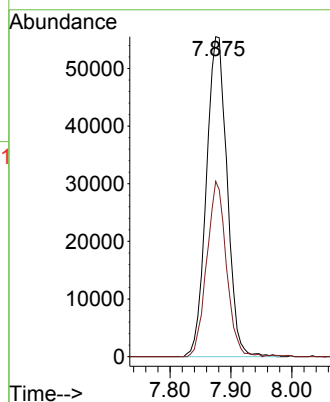
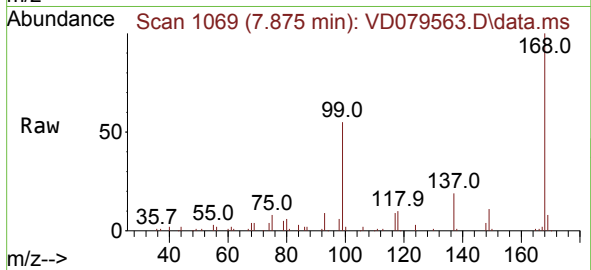




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

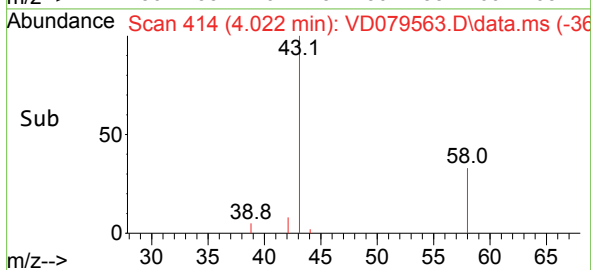
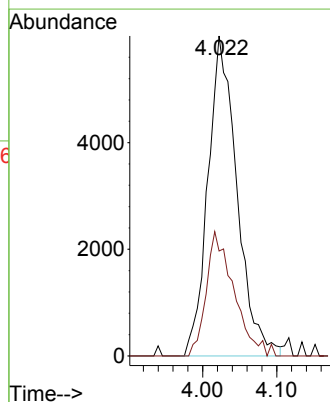
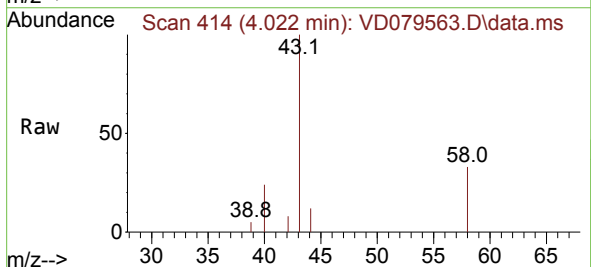
Instrument :
MSVOA_D
ClientSampleId :
S-868-J-SO-2-2.5-073024

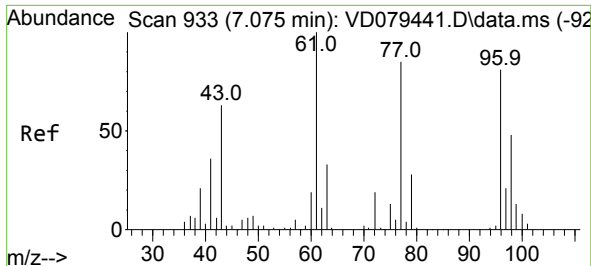
Tgt Ion:168 Resp: 131143
Ion Ratio Lower Upper
168 100
99 54.8 41.1 61.7



#16
Acetone
Concen: 63.147 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

Tgt Ion: 43 Resp: 16350
Ion Ratio Lower Upper
43 100
58 32.8 30.4 45.6

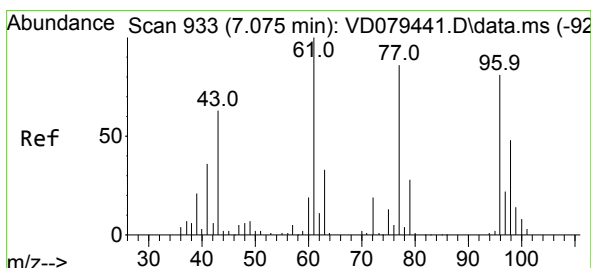
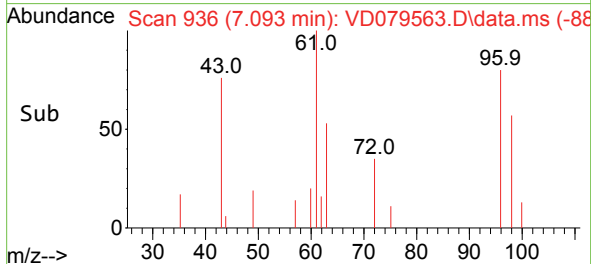
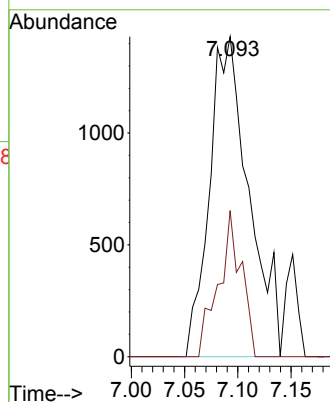
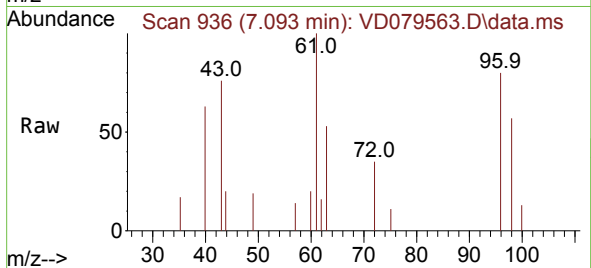




#25
2-Butanone
Concen: 9.995 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

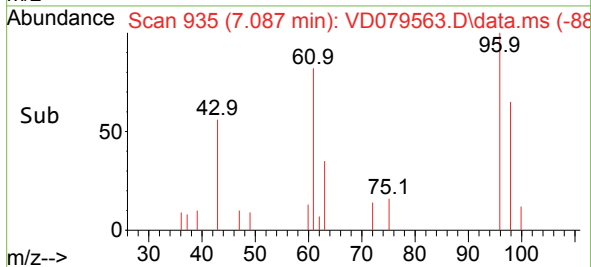
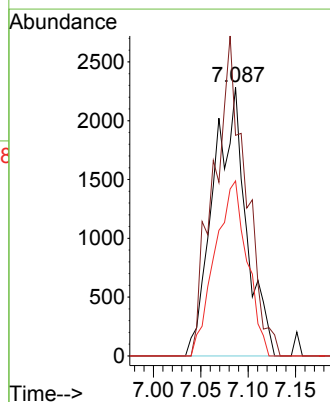
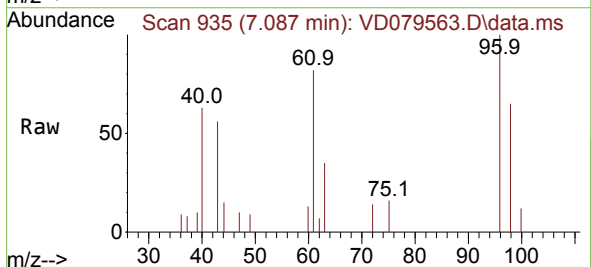
Instrument :
MSVOA_D
ClientSampleId :
S-868-J-SO-2-2.5-073024

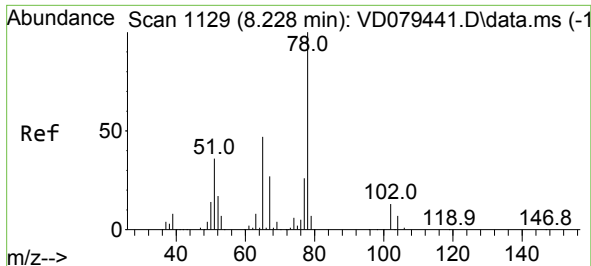
Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
72 45.6 26.4 39.6#



#27
cis-1,2-Dichloroethene
Concen: 3.018 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

Tgt Ion: 96 Resp: 5491
Ion Ratio Lower Upper
96 100
61 115.8 0.0 229.0
98 64.1 0.0 127.2

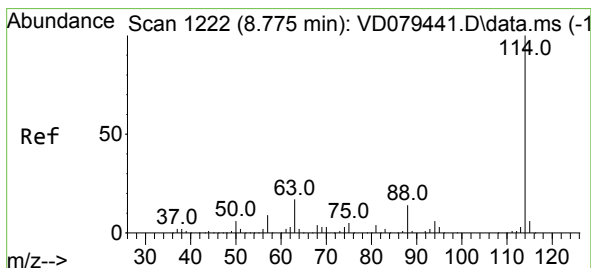
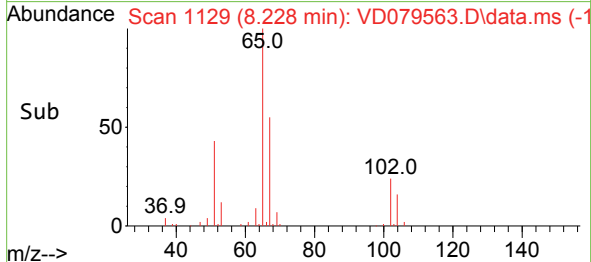
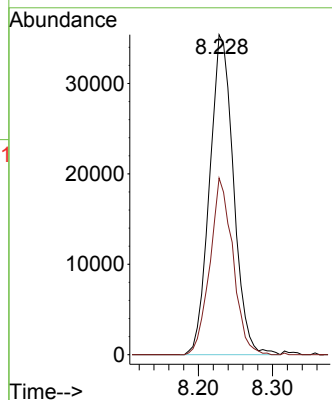
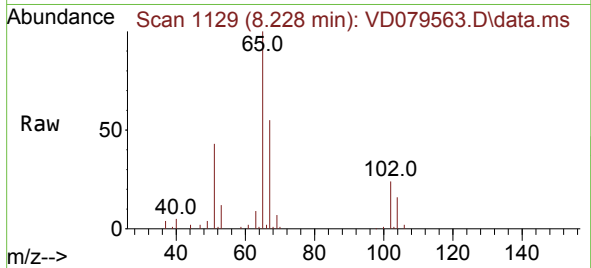




#33
 1,2-Dichloroethane-d4
 Concen: 59.498 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079563.D
 Acq: 03 Aug 2024 02:40

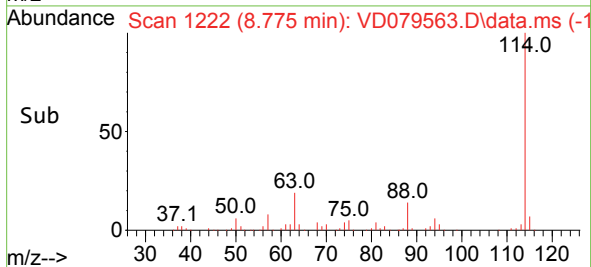
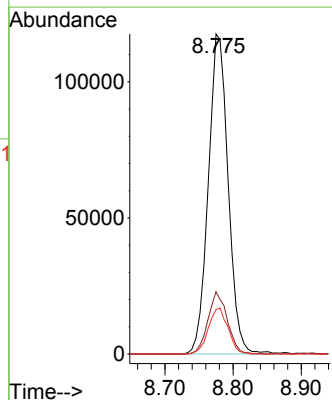
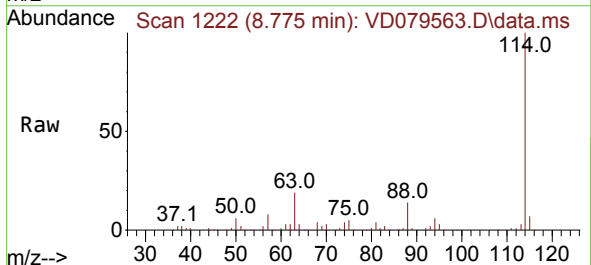
Instrument :
 MSVOA_D
 ClientSampleId :
 S-868-J-SO-2-2.5-073024

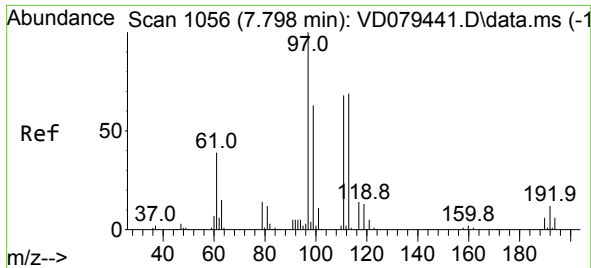
Tgt Ion: 65 Resp: 79269
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079563.D
 Acq: 03 Aug 2024 02:40

Tgt Ion: 114 Resp: 238126
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.0
 88 13.8 0.0 27.2

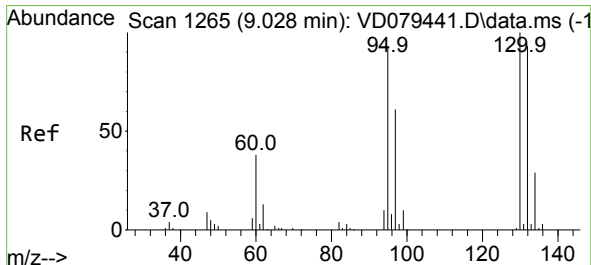
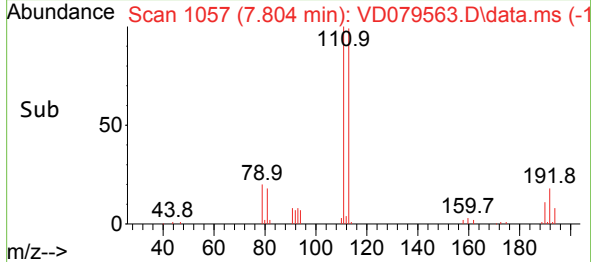
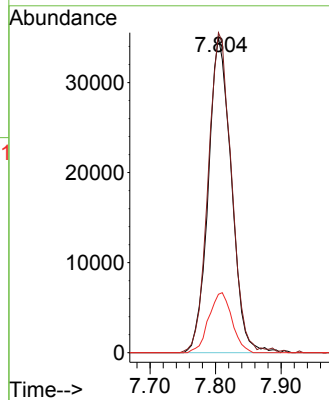
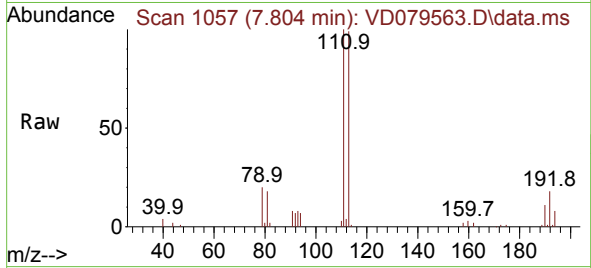




#35
Dibromofluoromethane
Concen: 52.936 ug/l
RT: 7.804 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

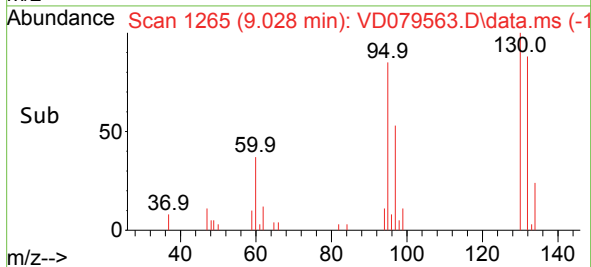
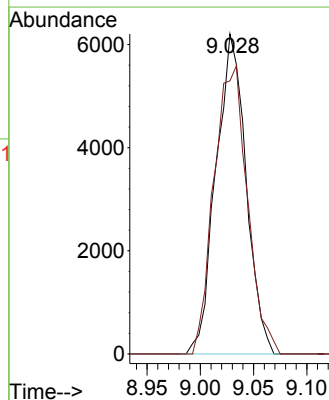
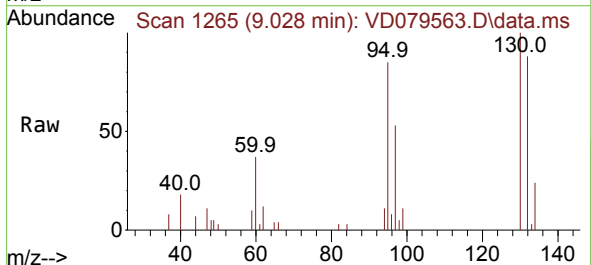
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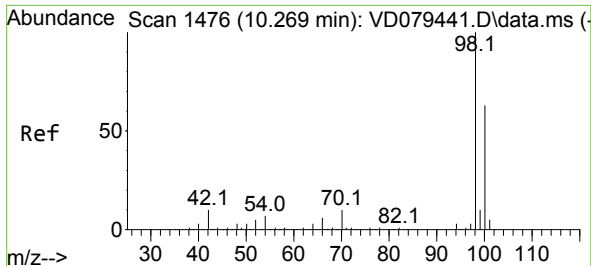
Tgt Ion:113 Resp: 85320
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 19.1 15.4 23.0



#44
Trichloroethene
Concen: 7.003 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

Tgt Ion:130 Resp: 12180
Ion Ratio Lower Upper
130 100
95 85.4 0.0 177.8

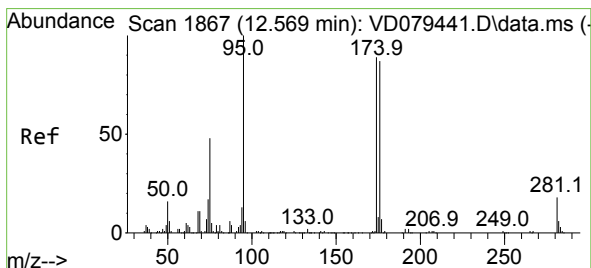
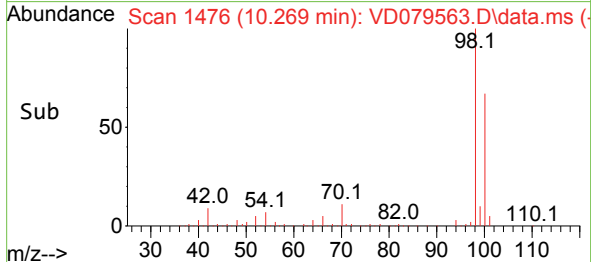
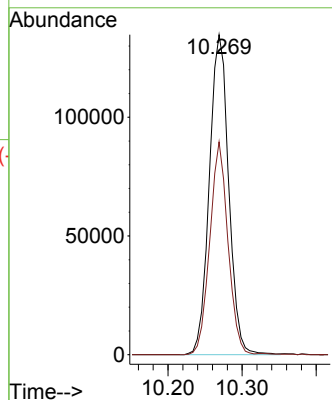
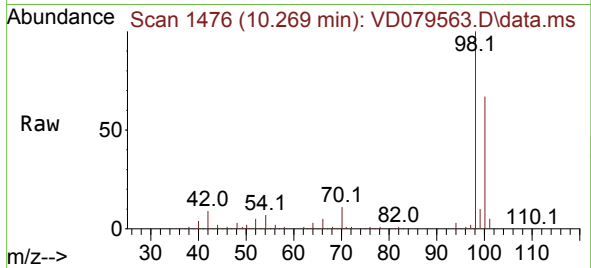




#50
Toluene-d8
Concen: 39.022 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

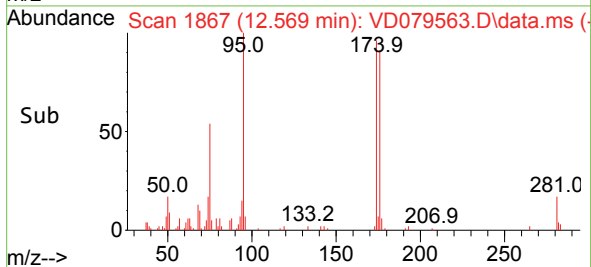
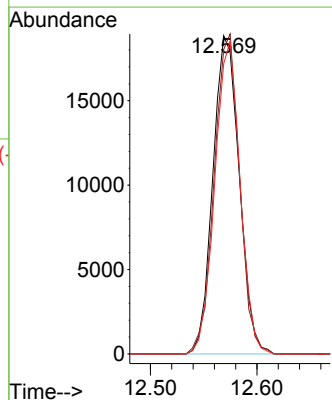
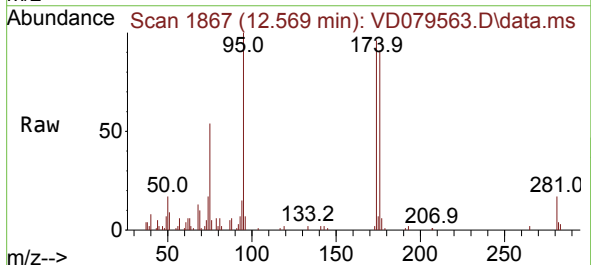
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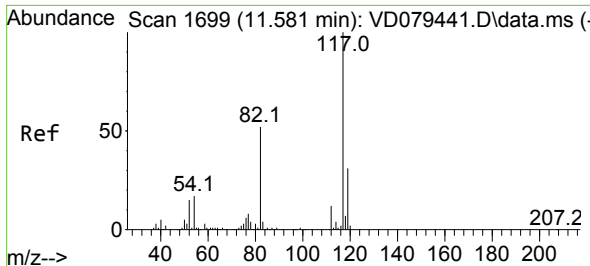
Tgt Ion: 98 Resp: 244239
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 17.838 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

Tgt Ion: 95 Resp: 32309
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.4
176 94.2 0.0 192.6

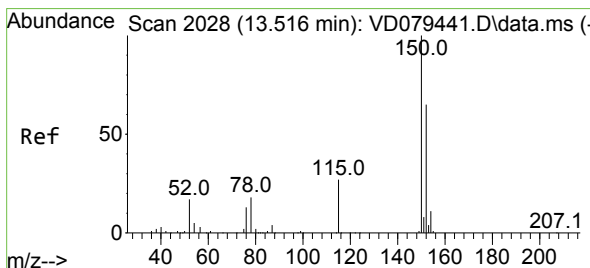
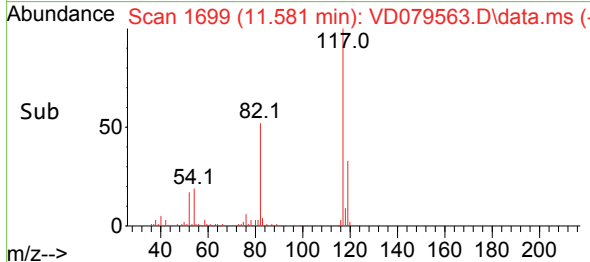
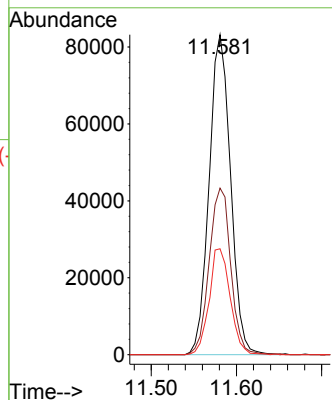
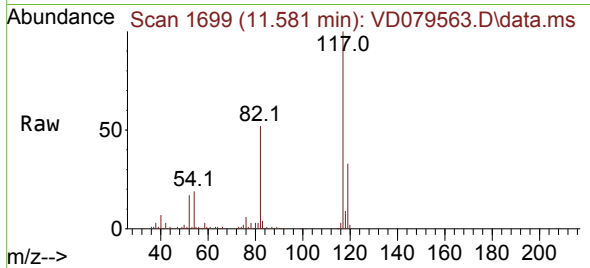




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 145510
Ion Ratio Lower Upper
117 100
82 52.0 39.8 59.6
119 33.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079563.D
Acq: 03 Aug 2024 02:40

Tgt Ion:152 Resp: 27179
Ion Ratio Lower Upper
152 100
115 57.2 26.5 79.5
150 156.6 0.0 341.6

