

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079565.D
 Acq On : 03 Aug 2024 03:35
 Operator : RP/MD
 Sample : P3409-06
 Misc : 6.22G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-867-J-SO-2-2.5-073024

Quant Time: Aug 03 04:25:39 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)

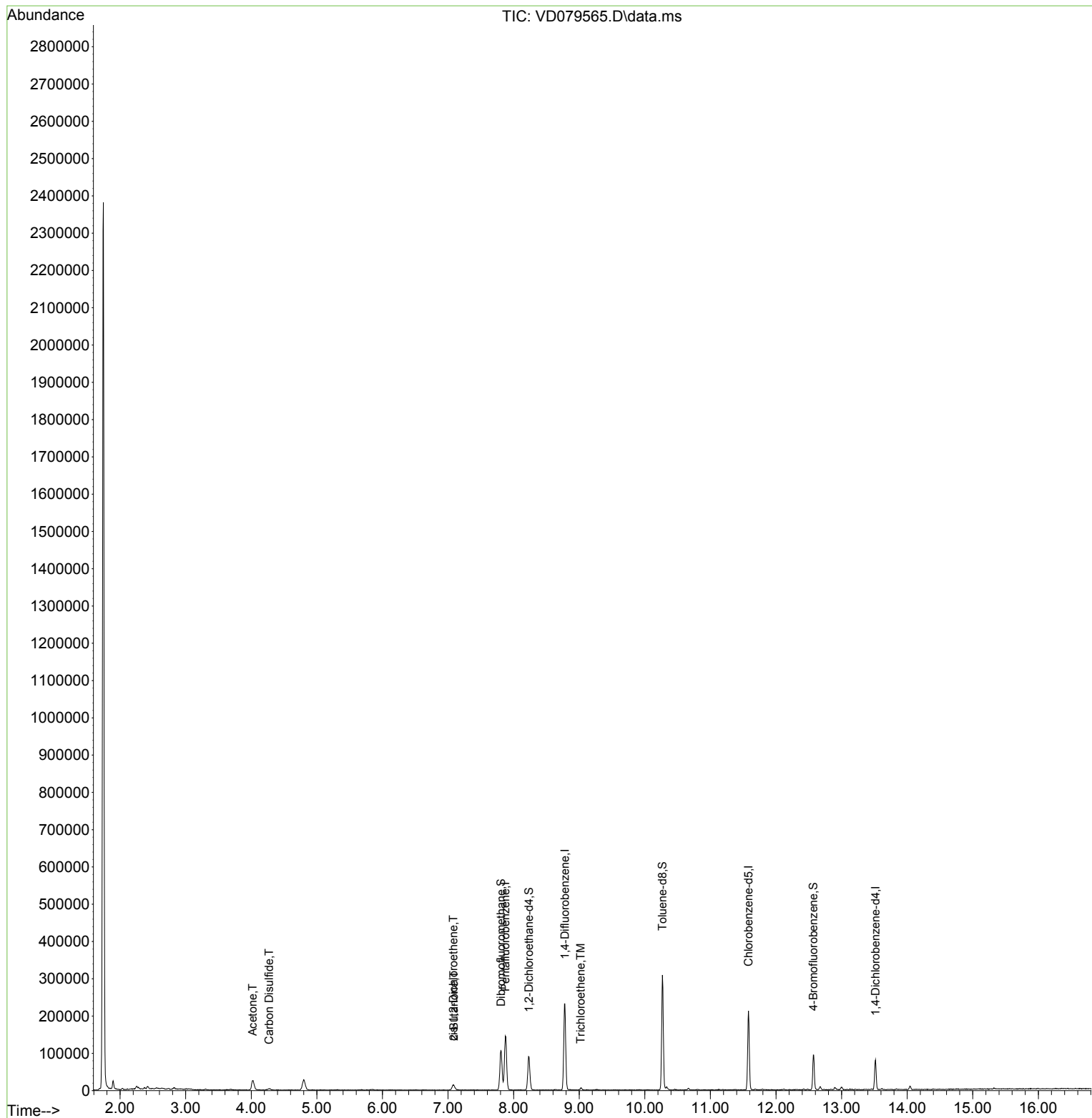
Internal Standards						
1) Pentafluorobenzene	7.875	168	116851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	126927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	23288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68405	57.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.240%
35) Dibromofluoromethane	7.810	113	77791	52.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.600%
50) Toluene-d8	10.269	98	214677	37.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.040%
62) 4-Bromofluorobenzene	12.569	95	27804	16.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	33.580%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	44128	191.277	ug/l	92
17) Carbon Disulfide	4.269	76	7470	1.792	ug/l	98
25) 2-Butanone	7.087	43	12665	38.722	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	2472	1.525	ug/l	84
44) Trichloroethene	9.022	130	2363	1.486	ug/l	71

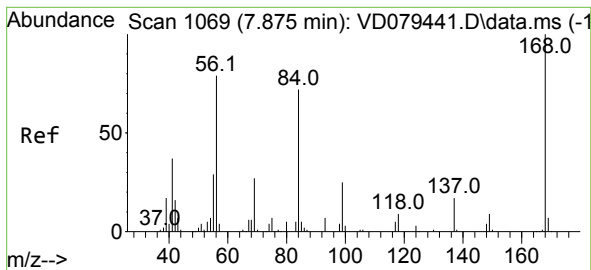
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

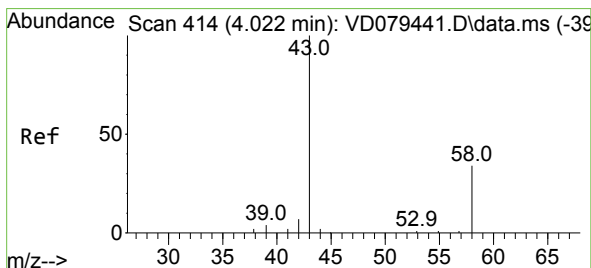
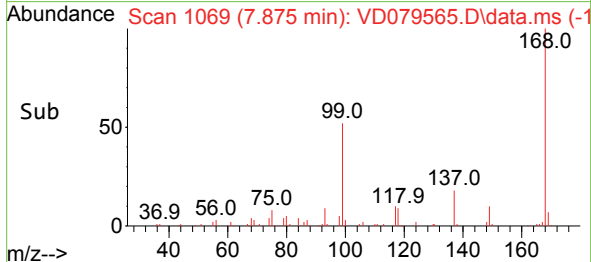
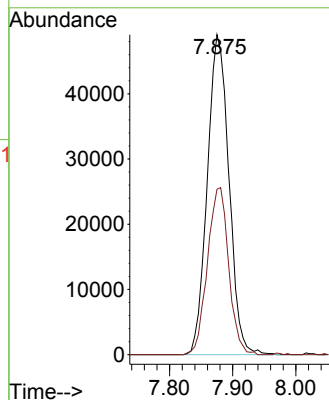
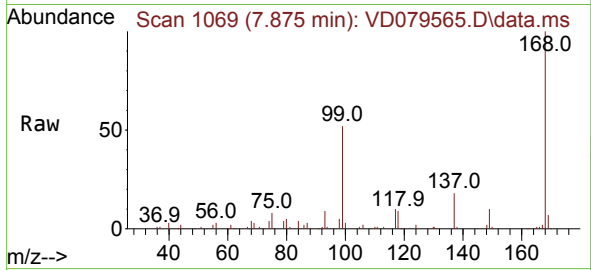




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079565.D
Acq: 03 Aug 2024 03:35

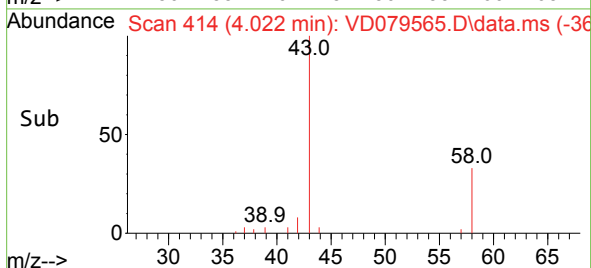
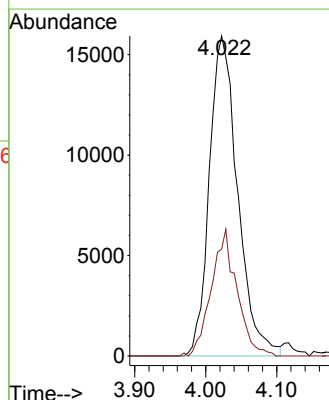
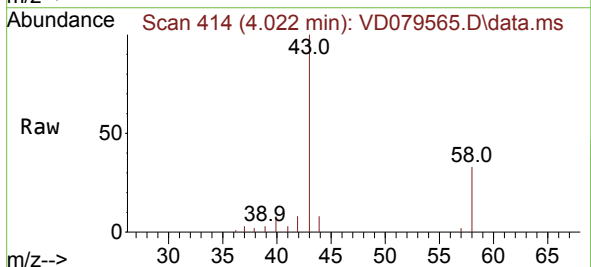
Instrument :
MSVOA_D
ClientSampleId :
S-867-J-SO-2-2.5-073024

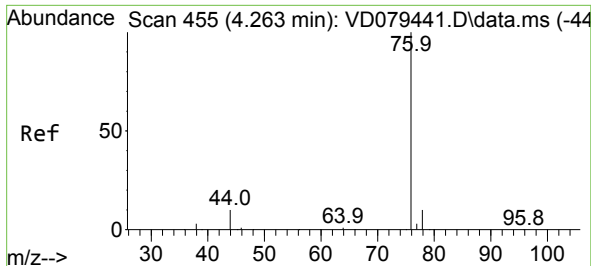
Tgt Ion:168 Resp: 116851
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#16
Acetone
Concen: 191.277 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079565.D
Acq: 03 Aug 2024 03:35

Tgt Ion: 43 Resp: 44128
Ion Ratio Lower Upper
43 100
58 33.5 30.4 45.6





#17

Carbon Disulfide

Concen: 1.792 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD079565.D

Acq: 03 Aug 2024 03:35

Instrument :

MSVOA_D

ClientSampleId :

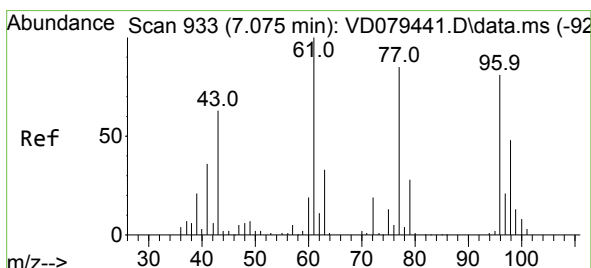
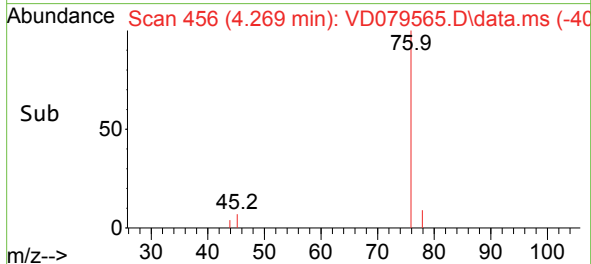
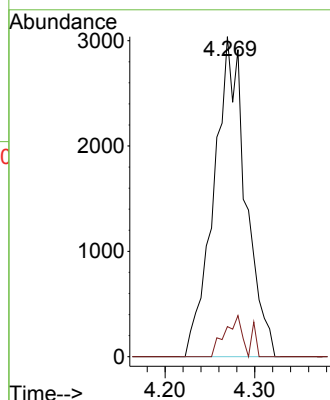
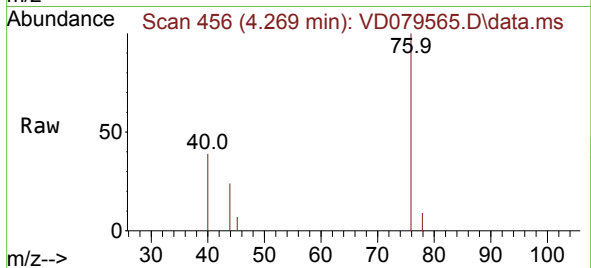
S-867-J-SO-2-2.5-073024

Tgt Ion: 76 Resp: 7470

Ion Ratio Lower Upper

76 100

78 9.4 6.9 10.3



#25

2-Butanone

Concen: 38.722 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.006 min

Lab File: VD079565.D

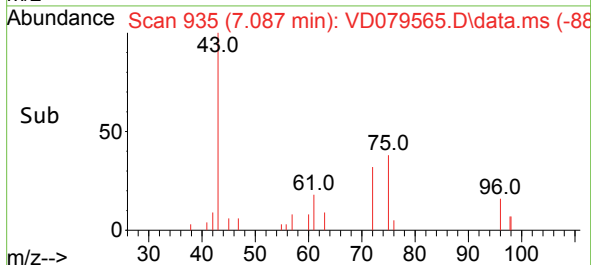
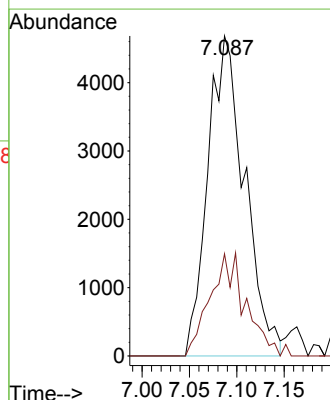
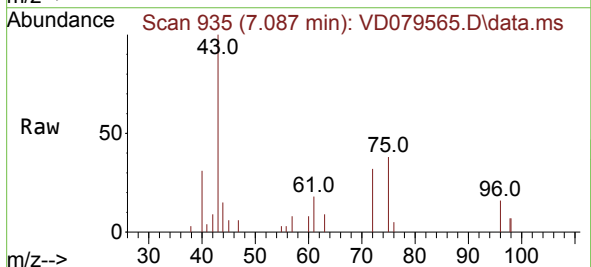
Acq: 03 Aug 2024 03:35

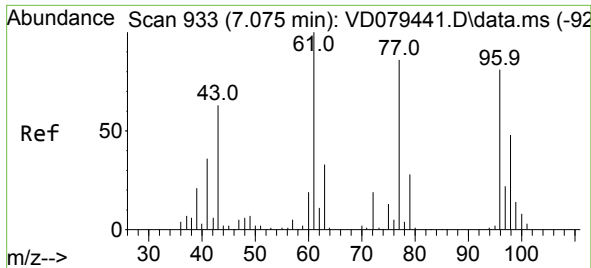
Tgt Ion: 43 Resp: 12665

Ion Ratio Lower Upper

43 100

72 31.9 26.4 39.6





#27

cis-1,2-Dichloroethene

Concen: 1.525 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079565.D

Acq: 03 Aug 2024 03:35

Instrument :

MSVOA_D

ClientSampleId :

S-867-J-SO-2-2.5-073024

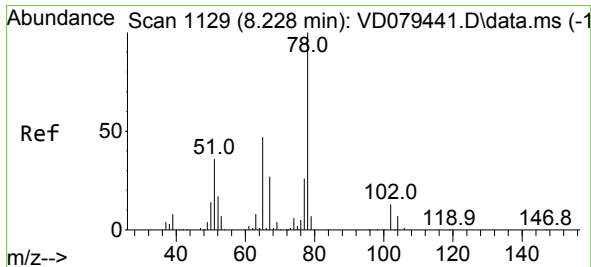
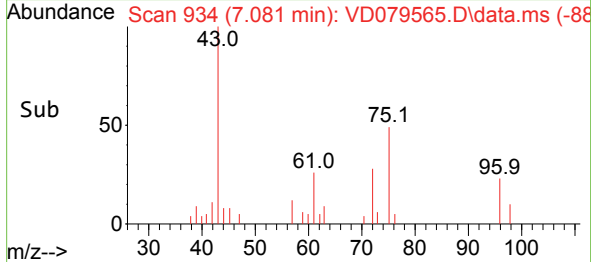
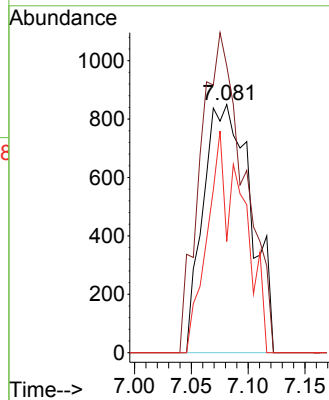
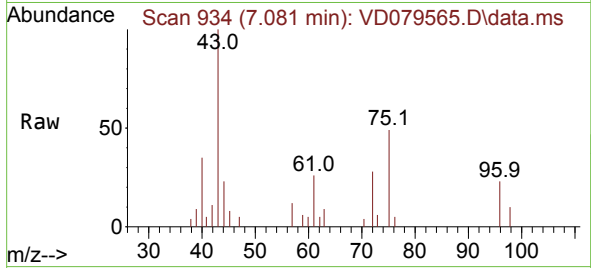
Tgt Ion: 96 Resp: 2472

Ion Ratio Lower Upper

96 100

61 120.2 0.0 229.0

98 35.4 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 57.624 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079565.D

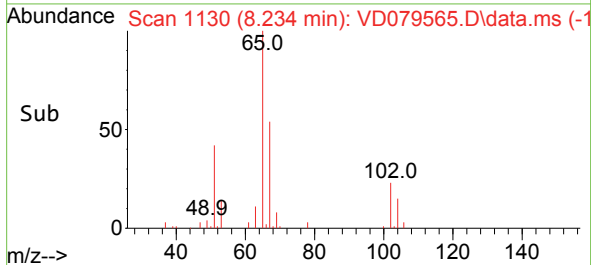
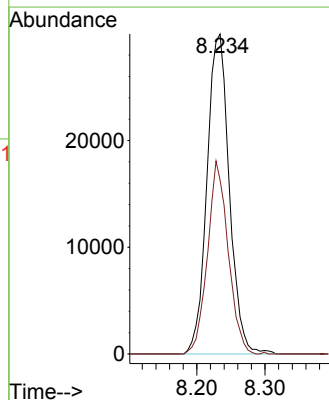
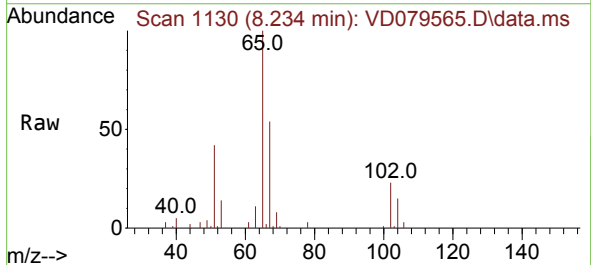
Acq: 03 Aug 2024 03:35

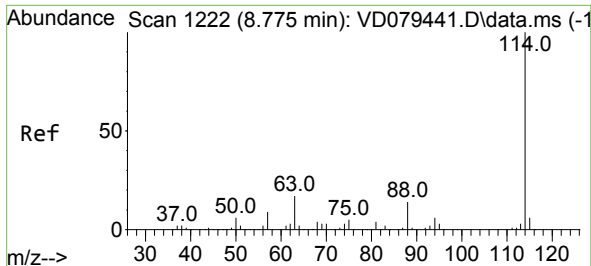
Tgt Ion: 65 Resp: 68405

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079565.D

Acq: 03 Aug 2024 03:35

Instrument :

MSVOA_D

ClientSampleId :

S-867-J-SO-2-2.5-073024

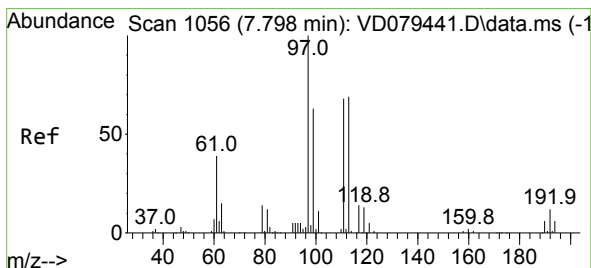
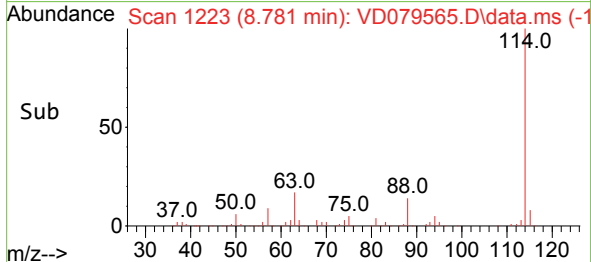
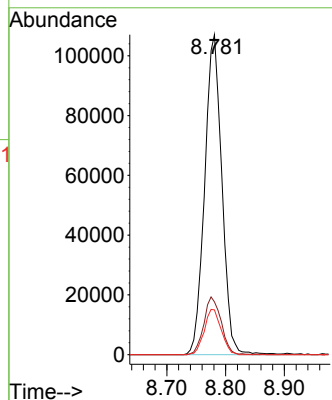
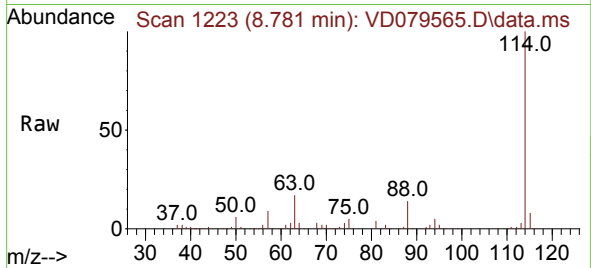
Tgt Ion:114 Resp: 217694

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.795 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079565.D

Acq: 03 Aug 2024 03:35

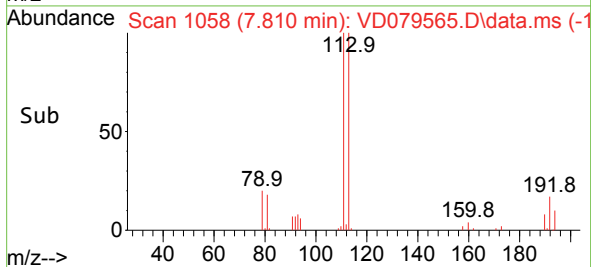
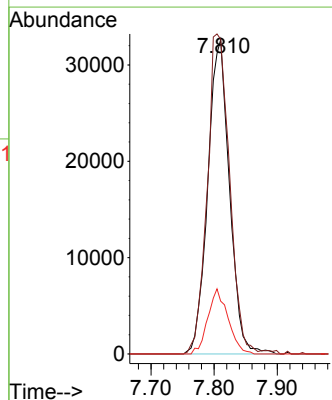
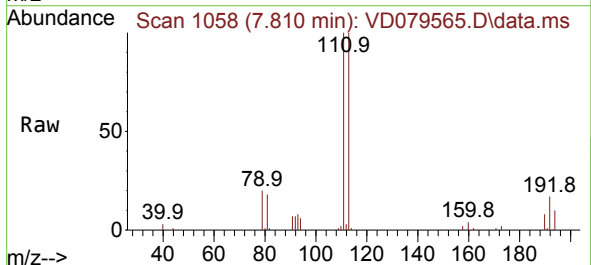
Tgt Ion:113 Resp: 77791

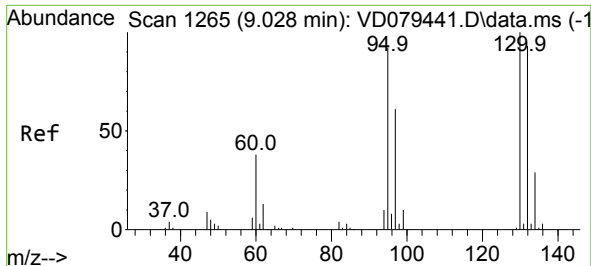
Ion Ratio Lower Upper

113 100

111 105.3 84.0 126.0

192 19.3 15.4 23.0

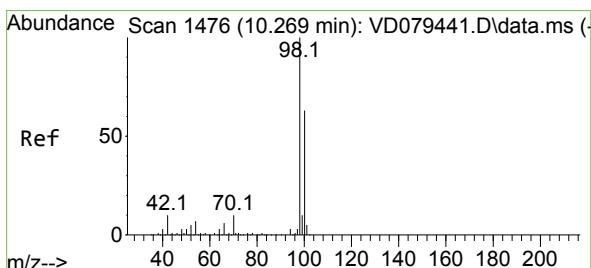
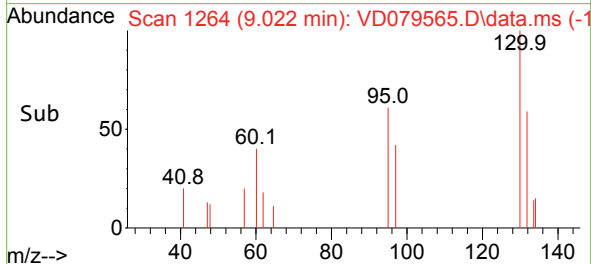
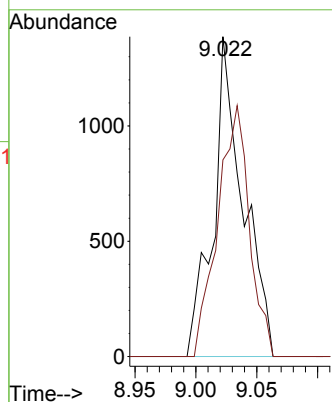
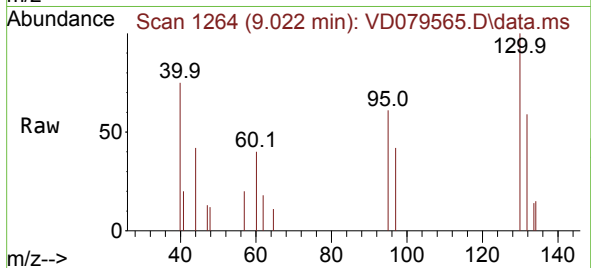




#44
Trichloroethene
Concen: 1.486 ug/l
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079565.D
Acq: 03 Aug 2024 03:35

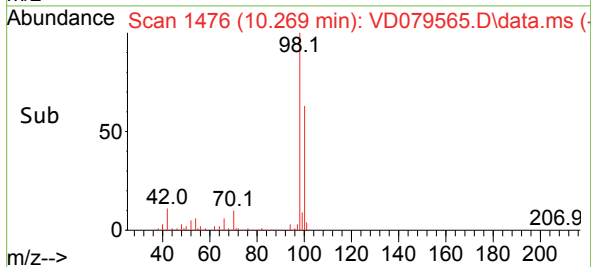
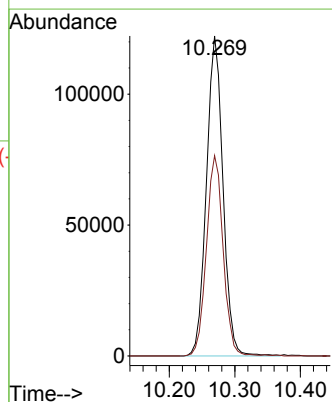
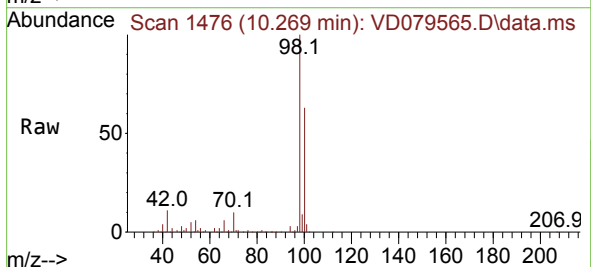
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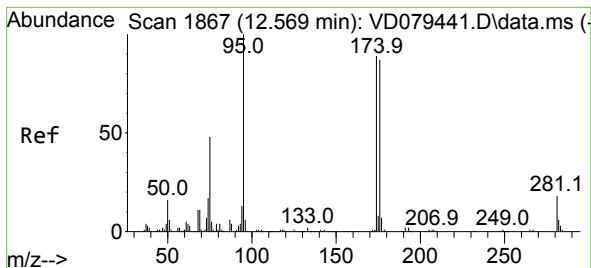
Tgt Ion:130 Resp: 2363
Ion Ratio Lower Upper
130 100
95 61.5 0.0 177.8



#50
Toluene-d8
Concen: 37.518 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079565.D
Acq: 03 Aug 2024 03:35

Tgt Ion: 98 Resp: 214677
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

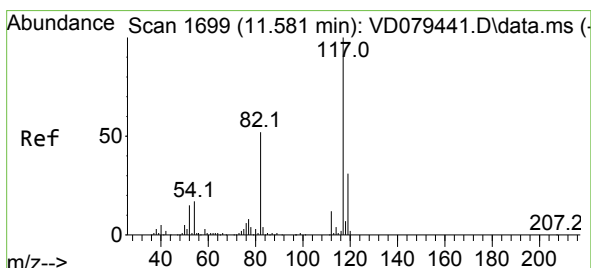
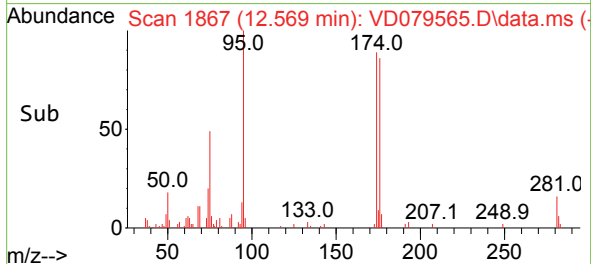
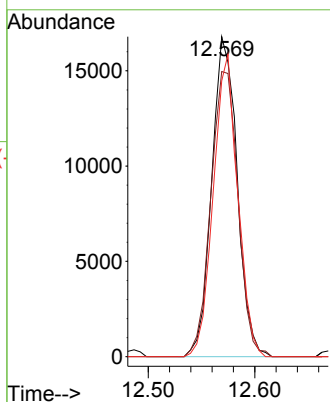
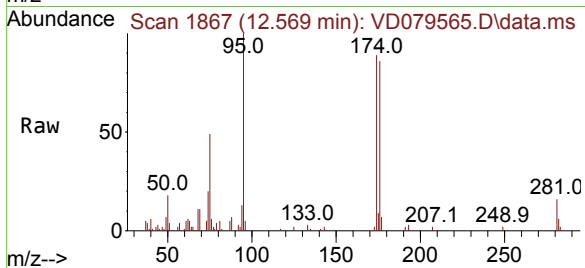




#62
4-Bromofluorobenzene
Concen: 16.792 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079565.D
Acq: 03 Aug 2024 03:35

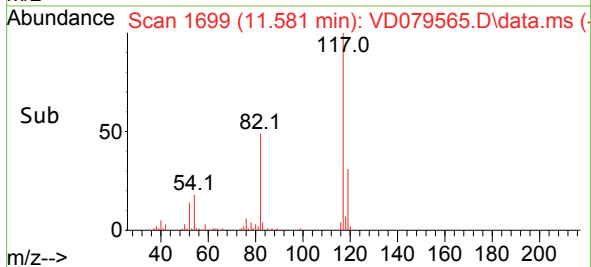
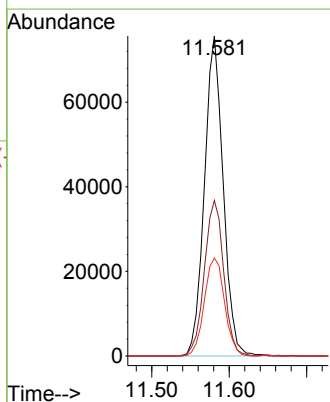
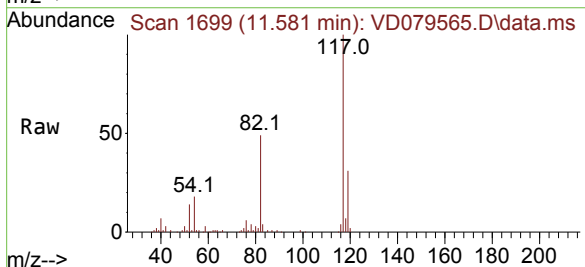
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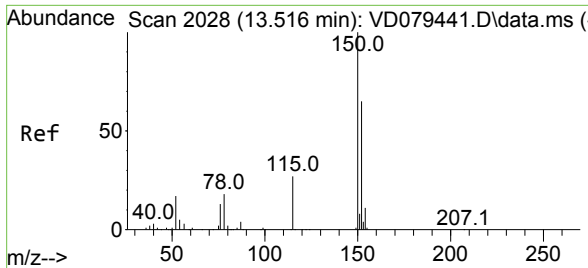
Tgt Ion:	95	Resp:	27804
Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	195.4
176	90.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079565.D
Acq: 03 Aug 2024 03:35

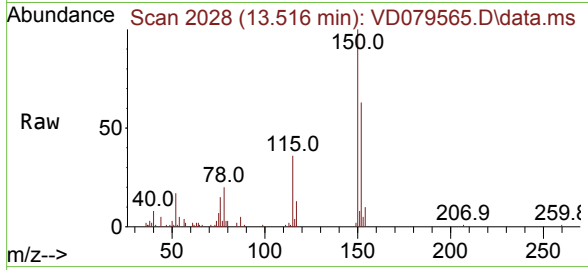
Tgt Ion:	117	Resp:	126927
Ion	Ratio	Lower	Upper
117	100		
82	48.6	39.8	59.6
119	30.6	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079565.D
 Acq: 03 Aug 2024 03:35

Instrument :
 MSVOA_D
 ClientSampleId :
 S-867-J-SO-2-2.5-073024



Tgt Ion:	152	Resp:	23288
Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.5	79.5
150	155.1	0.0	341.6

