

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079482.D
 Acq On : 31 Jul 2024 04:41
 Operator : RP/MD
 Sample : P3374-05
 Misc : 7.71G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-861-K2-SO-12.75-13.25-072024

Quant Time: Jul 31 08:20:35 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)

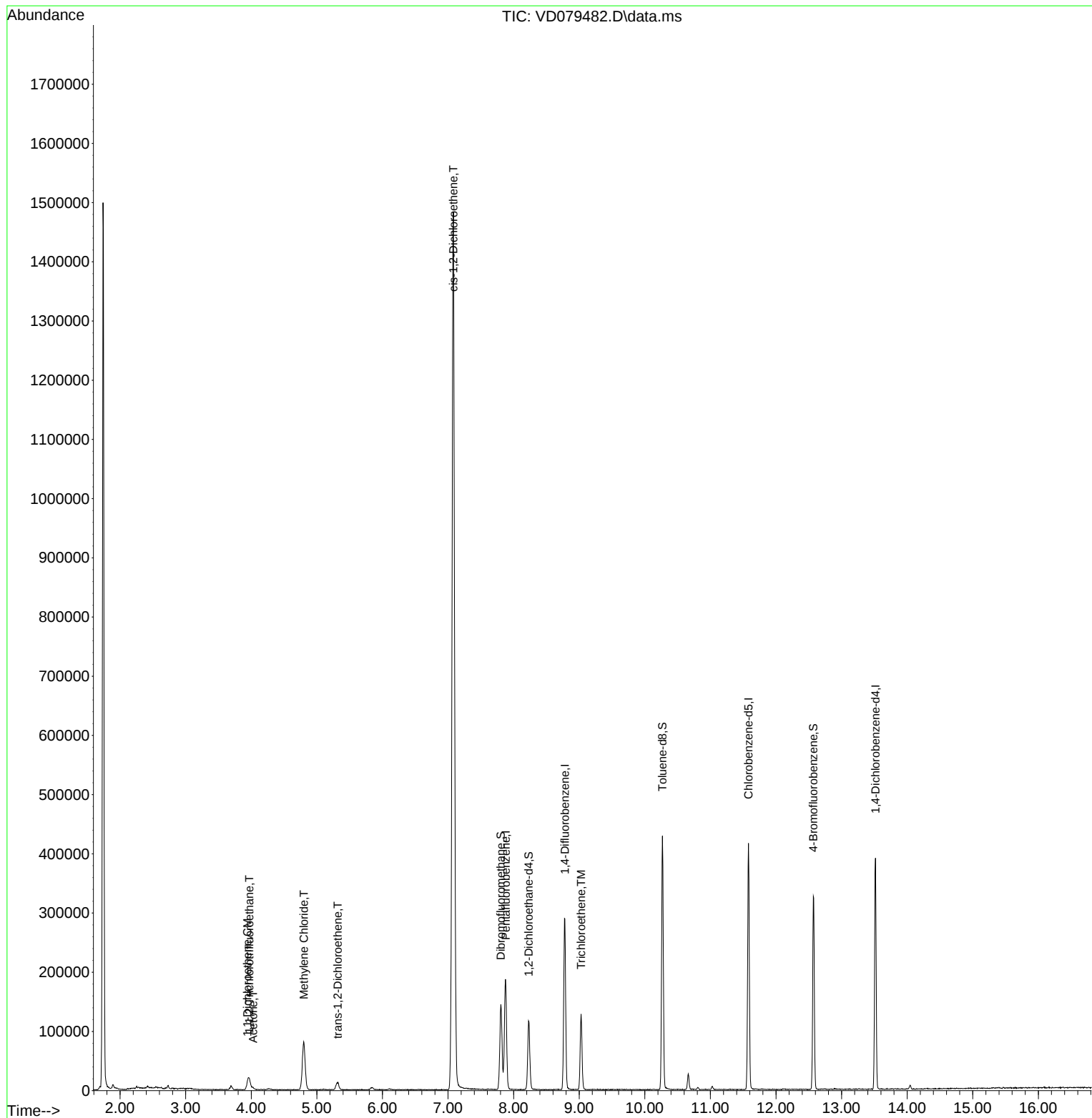
Internal Standards						
1) Pentafluorobenzene	7.881	168	153969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86169	55.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.180%	
35) Dibromofluoromethane	7.805	113	105780	57.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.300%	
50) Toluene-d8	10.269	98	305768	42.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.820%	
62) 4-Bromofluorobenzene	12.569	95	93597	45.390	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.780%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.969	101	13731	8.260	ug/l	97
12) 1,1-Dichloroethene	3.940	96	3055	1.836	ug/l #	77
16) Acetone	4.028	43	5835	19.195	ug/l	91
20) Methylene Chloride	4.805	84	65051	20.778	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	9364	5.011	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	979690	458.618	ug/l	99
44) Trichloroethene	9.028	130	47651	24.064	ug/l	95

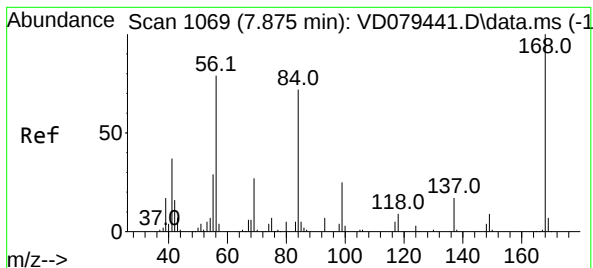
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
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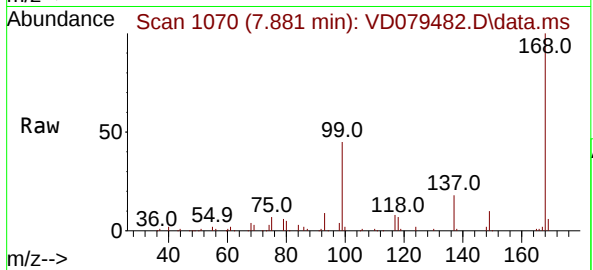
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



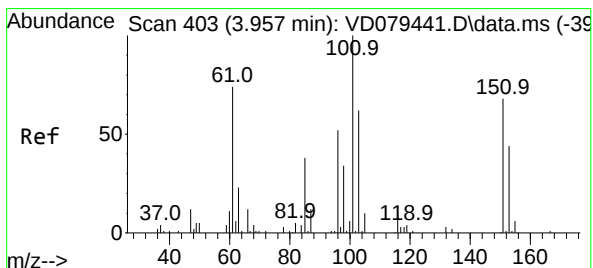
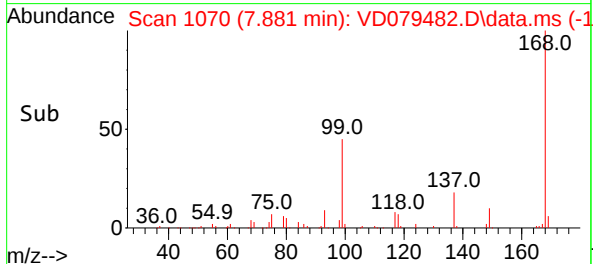
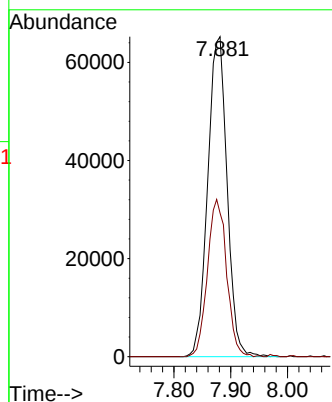


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12.75-13.25-072024

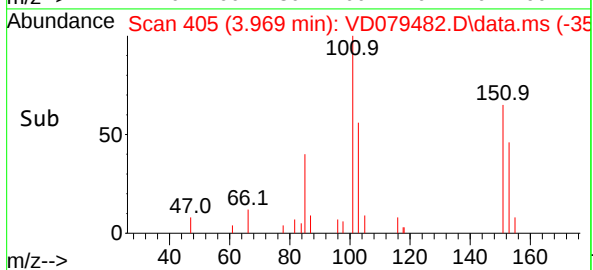
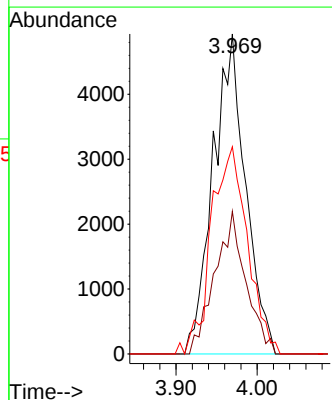
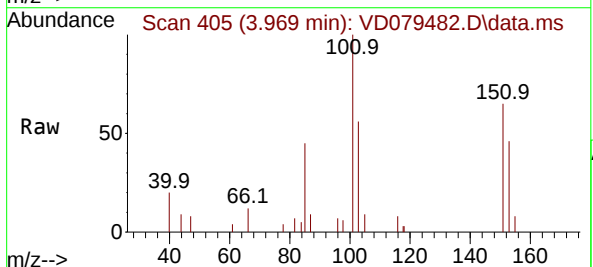


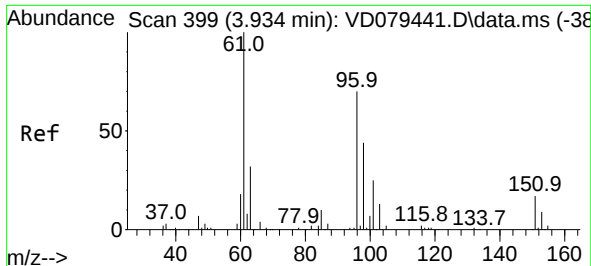
Tgt Ion:168 Resp: 153969
Ion Ratio Lower Upper
168 100
99 44.9 41.1 61.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.260 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

Tgt Ion:101 Resp: 13731
Ion Ratio Lower Upper
101 100
85 42.4 33.5 50.3
151 72.2 60.3 90.5

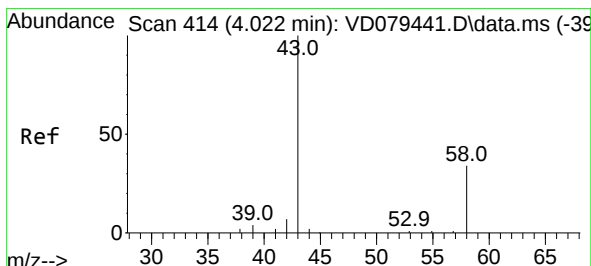
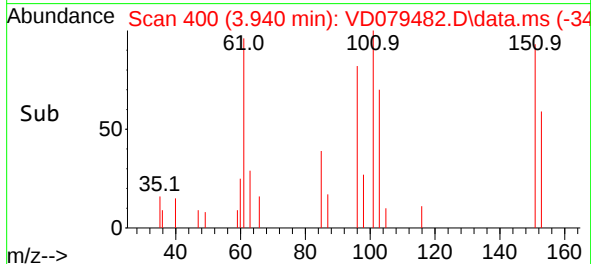
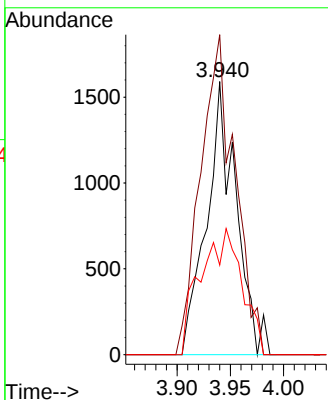
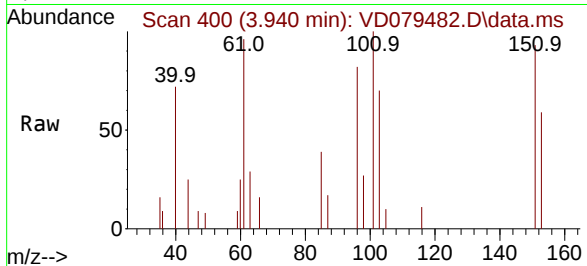




#12
1,1-Dichloroethene
Concen: 1.836 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

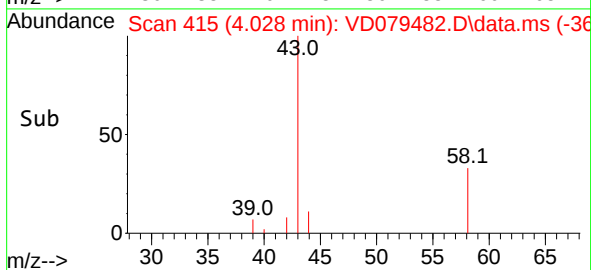
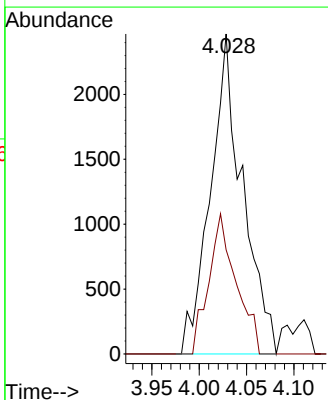
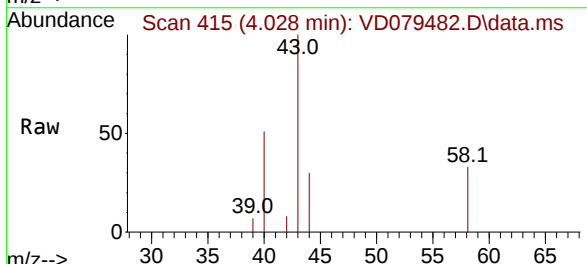
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12.75-13.25-072024

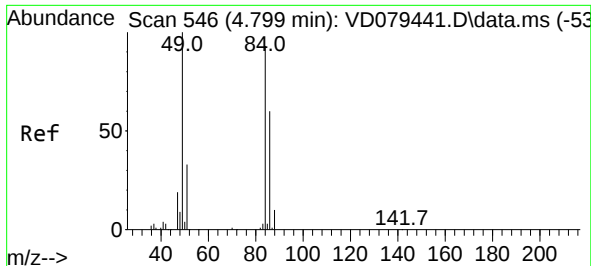
Tgt Ion: 96 Resp: 3055
Ion Ratio Lower Upper
96 100
61 117.2 107.3 160.9
98 32.8 51.7 77.5#



#16
Acetone
Concen: 19.195 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

Tgt Ion: 43 Resp: 5835
Ion Ratio Lower Upper
43 100
58 32.6 30.4 45.6

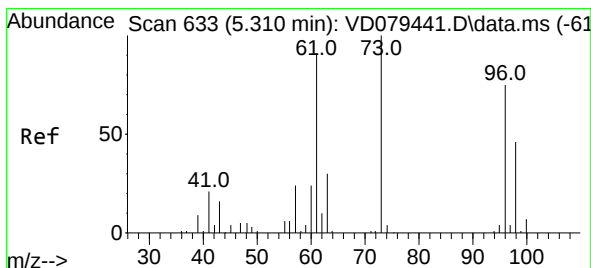
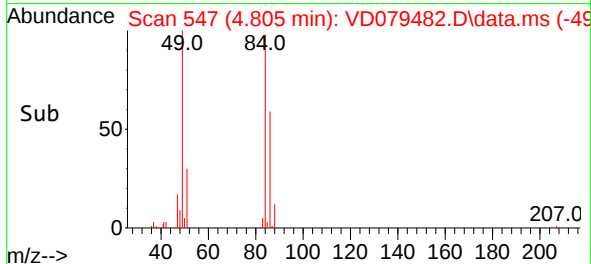
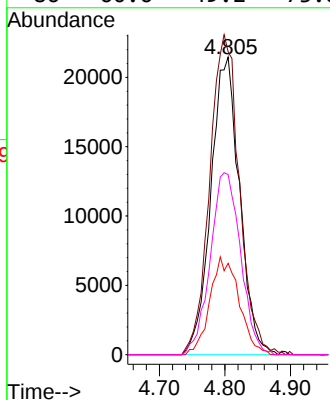
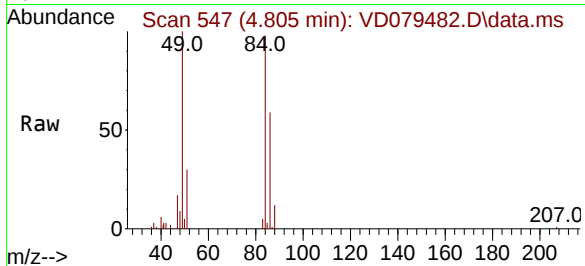




#20
Methylene Chloride
Concen: 20.778 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

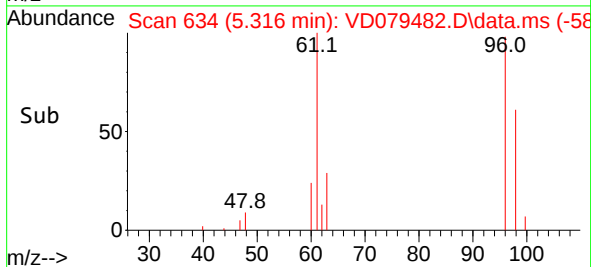
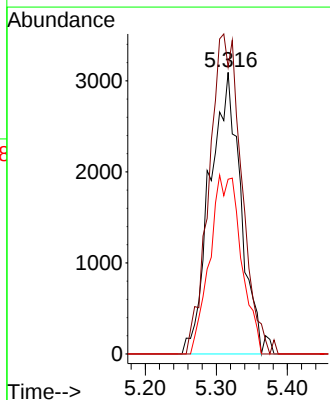
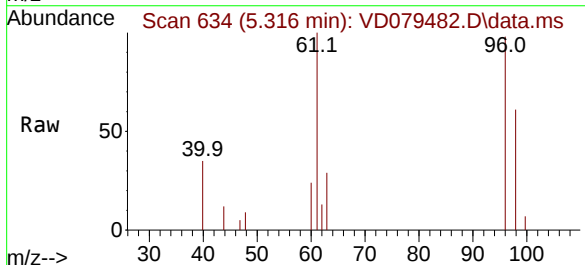
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12.75-13.25-072024

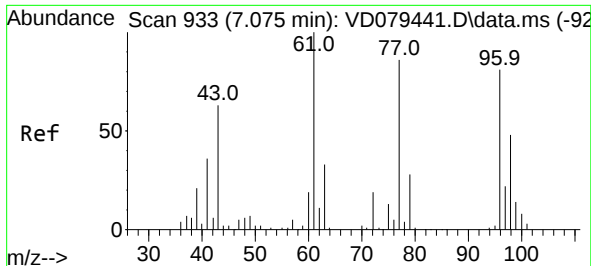
Tgt Ion:	84	Resp:	65051
Ion	Ratio	Lower	Upper
84	100		
49	101.8	75.6	113.4
51	30.7	24.2	36.2
86	60.6	49.2	73.8



#21
trans-1,2-Dichloroethene
Concen: 5.011 ug/l
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

Tgt Ion:	96	Resp:	9364
Ion	Ratio	Lower	Upper
96	100		
61	101.8	84.5	126.7
98	62.1	50.5	75.7





#27

cis-1,2-Dichloroethene

Concen: 458.618 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079482.D

Acq: 31 Jul 2024 04:41

Instrument :

MSVOA_D

ClientSampleId :

S-861-K2-SO-12.75-13.25-072024

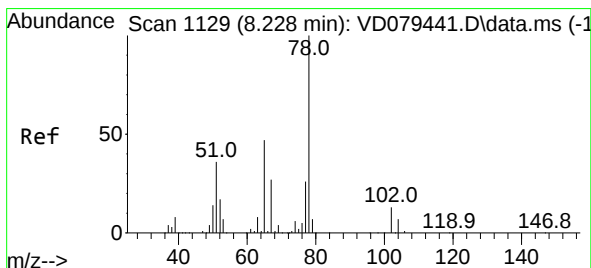
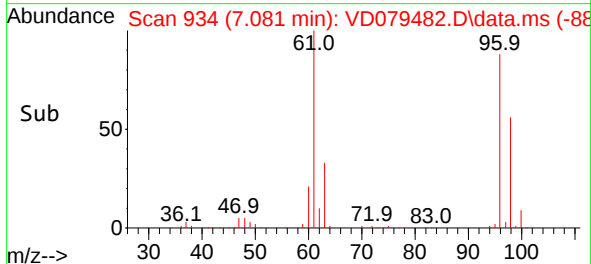
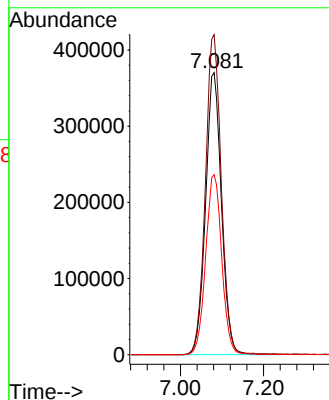
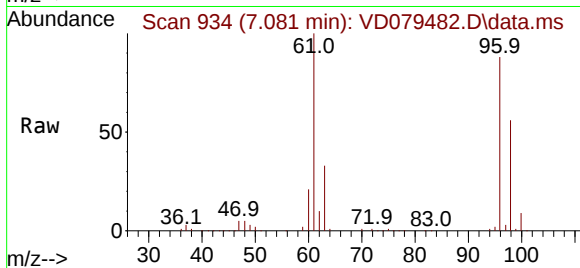
Tgt Ion: 96 Resp: 979690

Ion Ratio Lower Upper

96 100

61 113.8 0.0 229.0

98 64.8 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 55.089 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079482.D

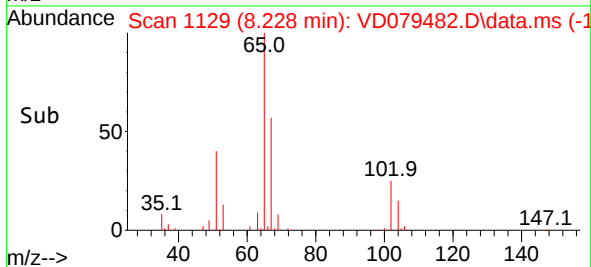
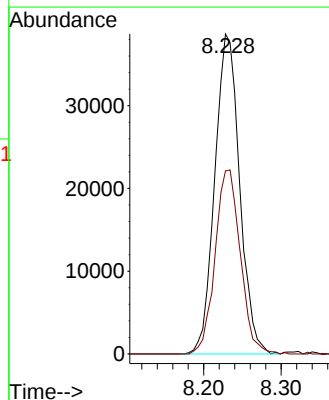
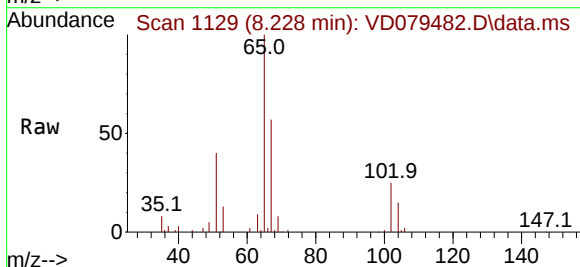
Acq: 31 Jul 2024 04:41

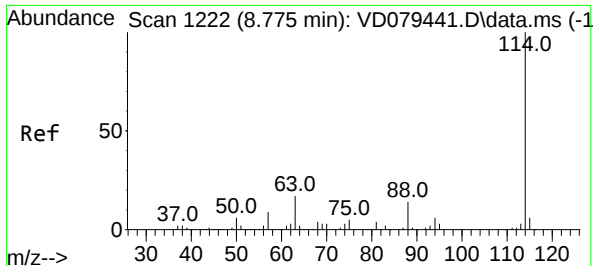
Tgt Ion: 65 Resp: 86169

Ion Ratio Lower Upper

65 100

67 58.4 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: VD079482.D

Acq: 31 Jul 2024 04:41

Instrument :

MSVOA_D

ClientSampleId :

S-861-K2-SO-12.75-13.25-072024

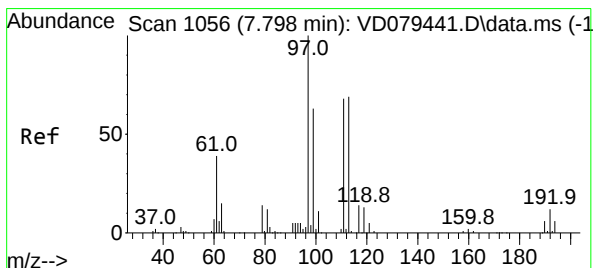
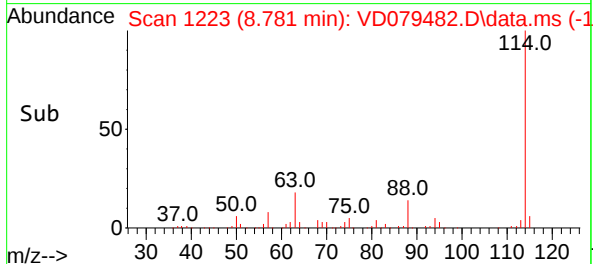
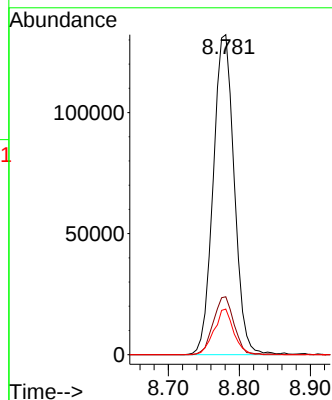
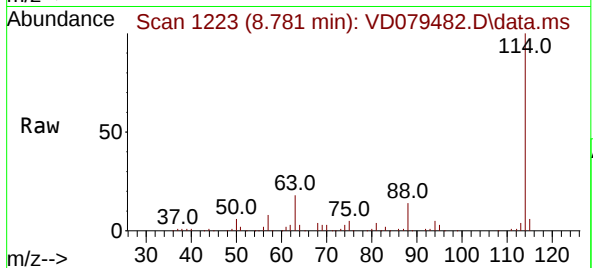
Tgt Ion:114 Resp: 271102

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.648 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079482.D

Acq: 31 Jul 2024 04:41

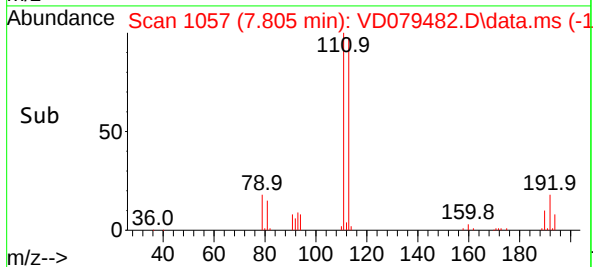
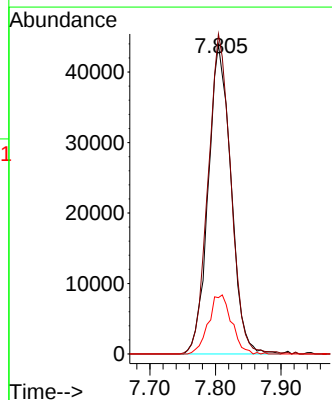
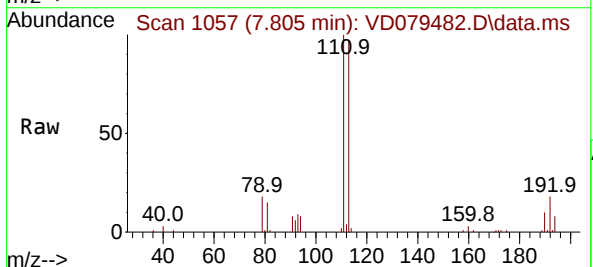
Tgt Ion:113 Resp: 105780

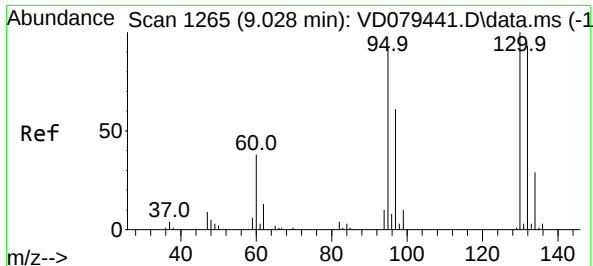
Ion Ratio Lower Upper

113 100

111 103.4 84.0 126.0

192 19.4 15.4 23.0

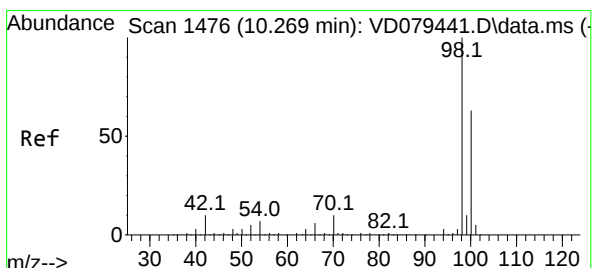
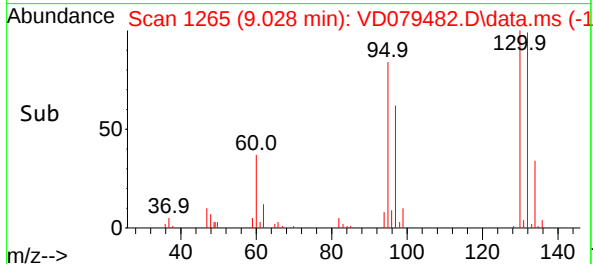
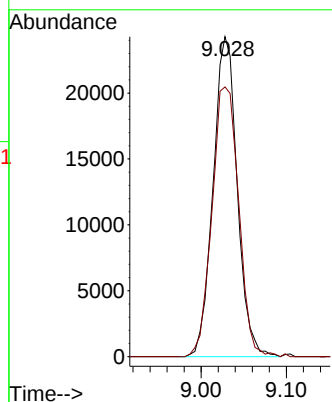
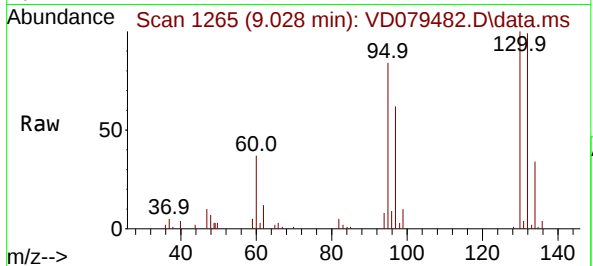




#44
Trichloroethene
Concen: 24.064 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

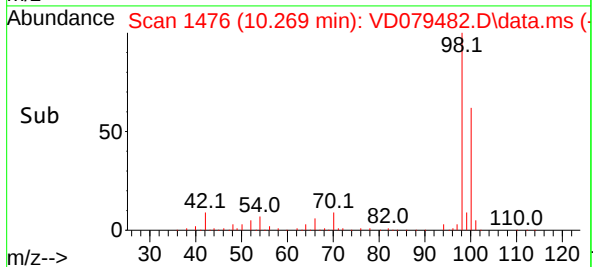
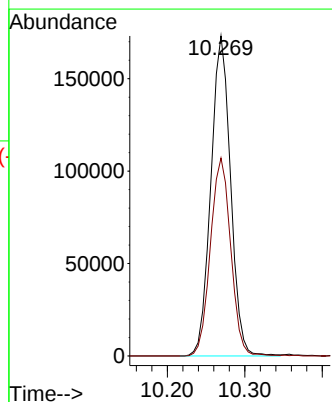
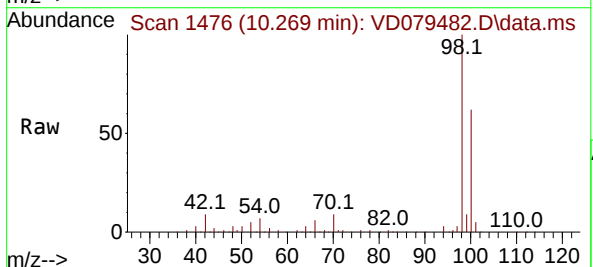
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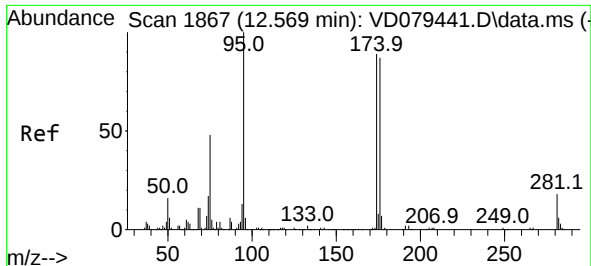
Tgt Ion:130 Resp: 47651
Ion Ratio Lower Upper
130 100
95 84.3 0.0 177.8



#50
Toluene-d8
Concen: 42.910 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

Tgt Ion: 98 Resp: 305768
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

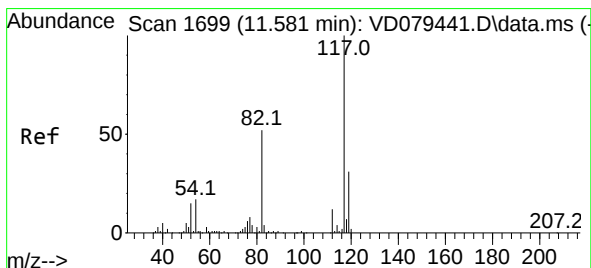
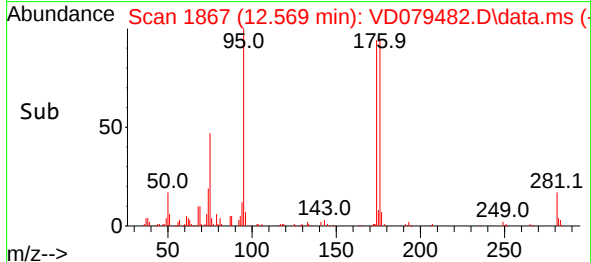
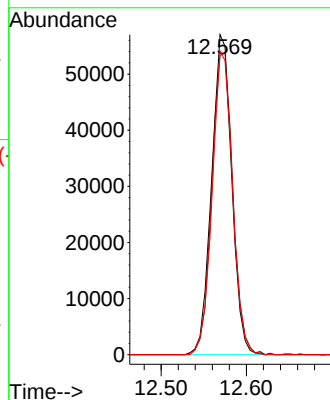
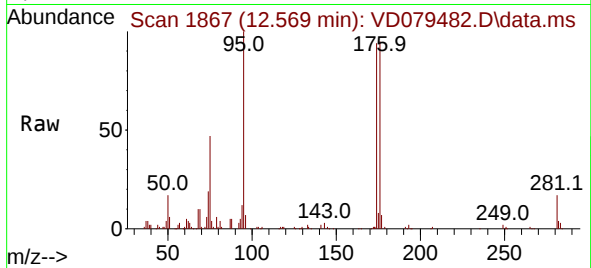




#62
4-Bromofluorobenzene
Concen: 45.390 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

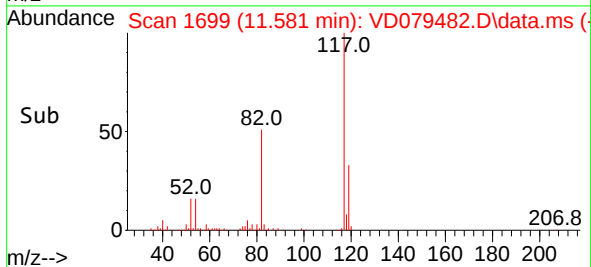
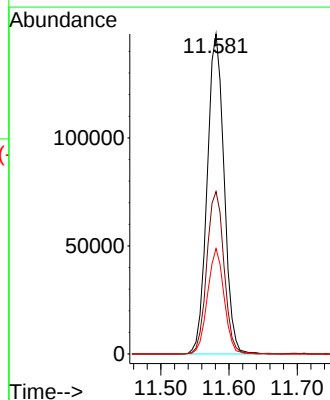
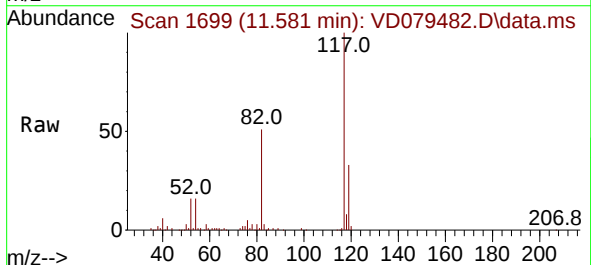
Instrument : MSVOA_D
ClientSampleId : S-861-K2-SO-12.75-13.25-072024

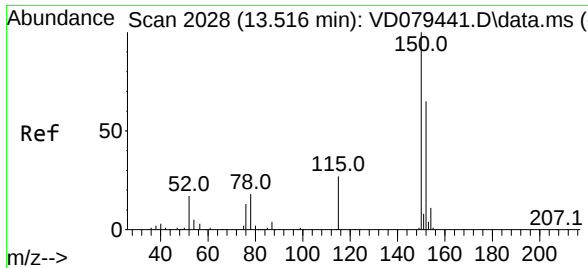
Tgt Ion:	95	Resp:	93597
Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	195.4
176	95.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079482.D
Acq: 31 Jul 2024 04:41

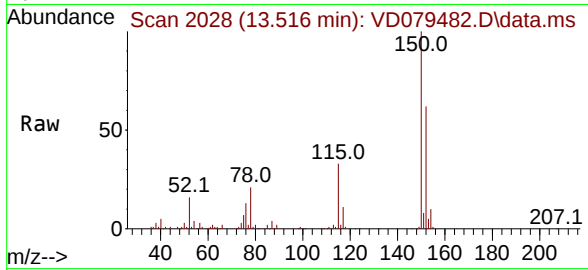
Tgt Ion:	117	Resp:	255800
Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.8	59.6
119	33.0	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079482.D
 Acq: 31 Jul 2024 04:41

Instrument :
 MSVOA_D
 ClientSampleId :
 S-861-K2-SO-12.75-13.25-072024



Tgt Ion:	152	Resp:	113607
Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.5	79.5
150	157.0	0.0	341.6

