

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079479.D
 Acq On : 31 Jul 2024 03:19
 Operator : RP/MD
 Sample : P3374-02
 Misc : 8.47G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-864-K2-SO-12.75-13.25-072024

Quant Time: Jul 31 04:38:11 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)

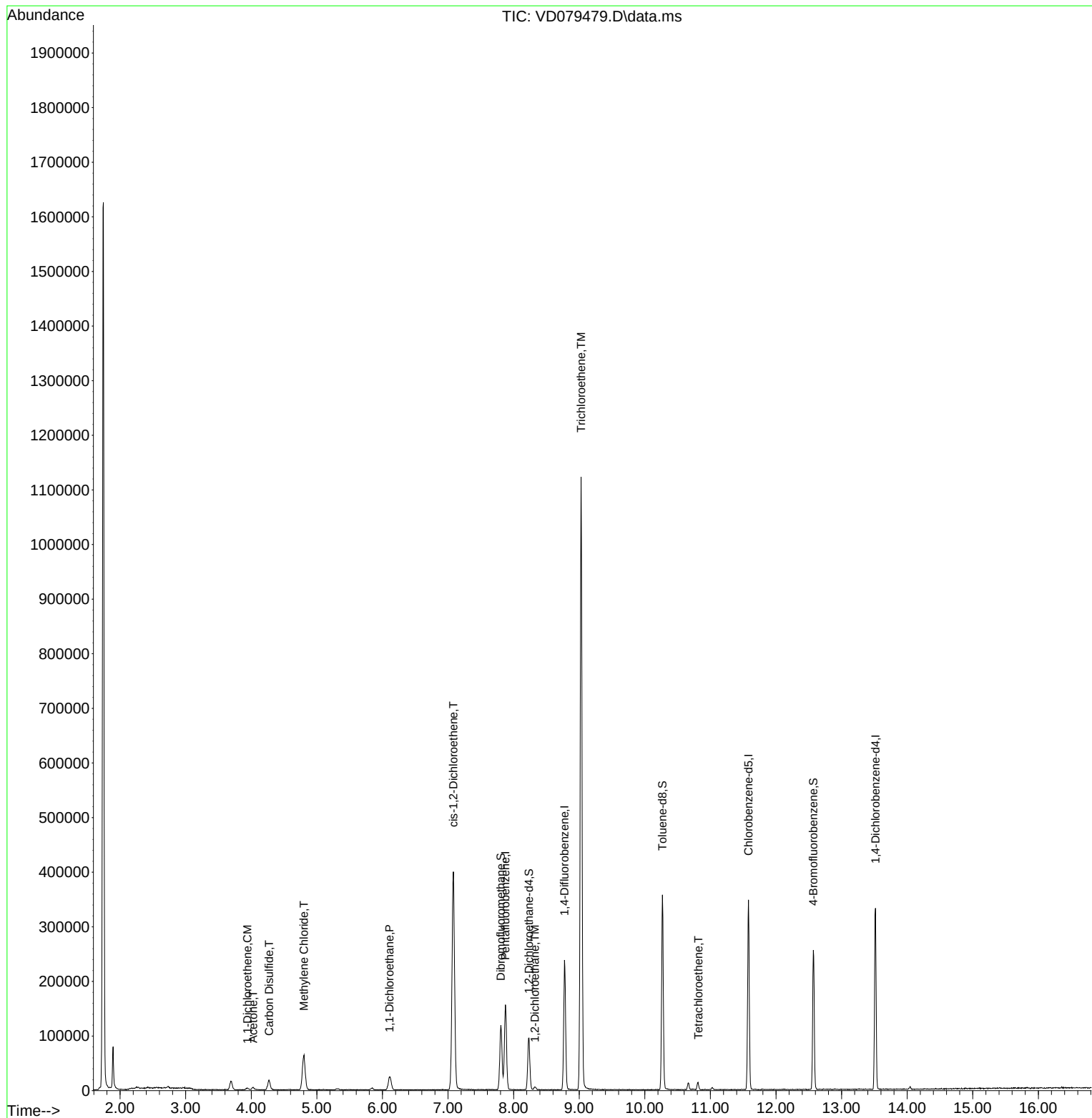
Internal Standards						
1) Pentafluorobenzene	7.875	168	128636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	217488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73033	55.886	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 111.780%		
35) Dibromofluoromethane	7.805	113	86519	58.774	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 117.540%		
50) Toluene-d8	10.269	98	251501	43.995	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 88.000%		
62) 4-Bromofluorobenzene	12.569	95	76211	46.070	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 92.140%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.940	96	1604	1.154	ug/l	91
16) Acetone	4.028	43	6979	27.480	ug/l	95
17) Carbon Disulfide	4.269	76	36476	7.951	ug/l	96
20) Methylene Chloride	4.805	84	50913	17.987	ug/l	91
24) 1,1-Dichloroethane	6.105	63	35632	13.021	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	264530	148.220	ug/l	99
42) 1,2-Dichloroethane	8.322	62	4483	2.948	ug/l	99
44) Trichloroethene	9.028	130	416175	261.977	ug/l	95
64) Tetrachloroethene	10.816	164	3421	2.376	ug/l #	59

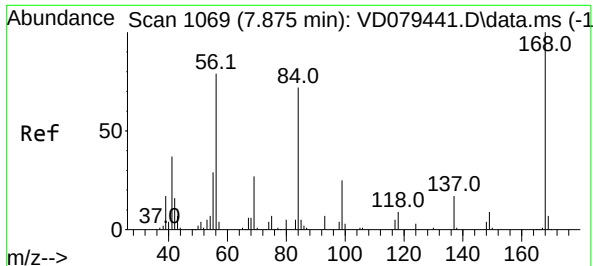
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S-864-K2-SO-12.75-13.25-072024

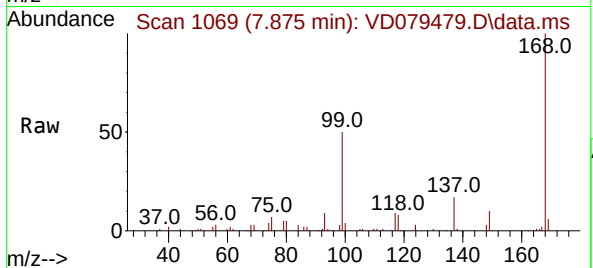
Quant Time: Jul 31 04:38:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



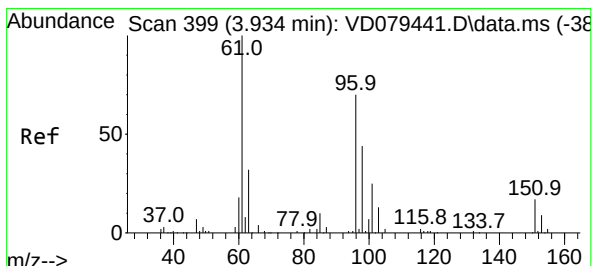
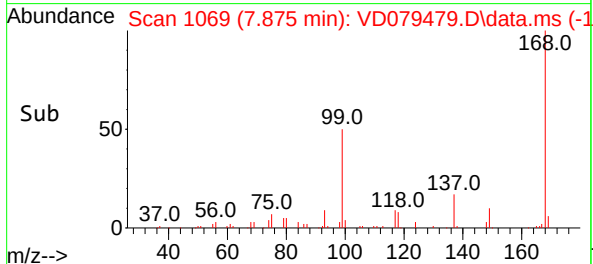
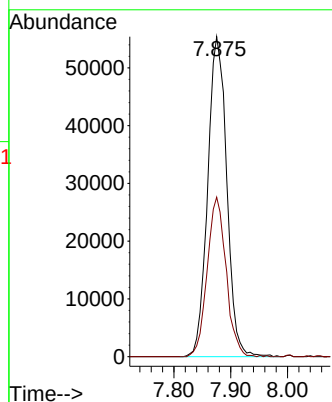


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12.75-13.25-072024

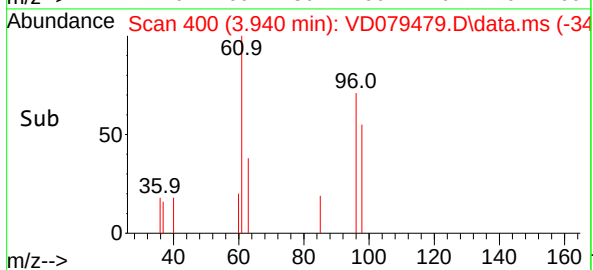
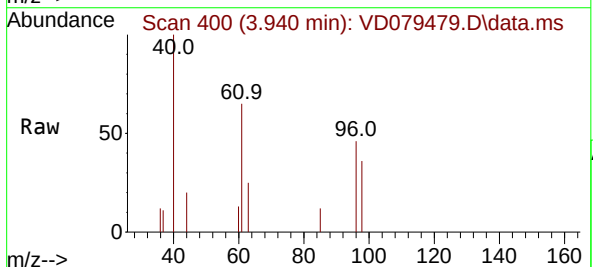
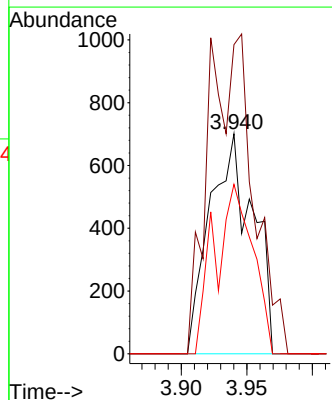


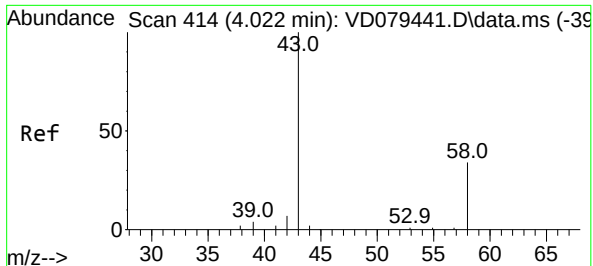
Tgt Ion:168 Resp: 128636
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#12
1,1-Dichloroethene
Concen: 1.154 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

Tgt Ion: 96 Resp: 1604
Ion Ratio Lower Upper
96 100
61 140.5 107.3 160.9
98 77.0 51.7 77.5

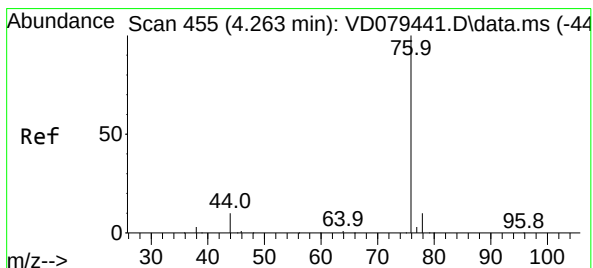
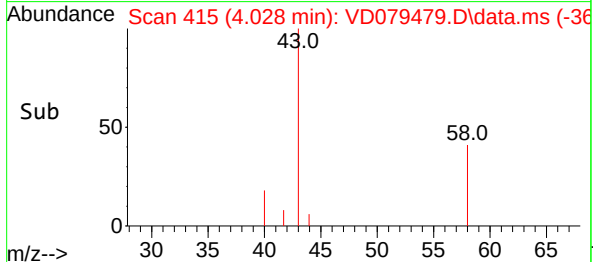
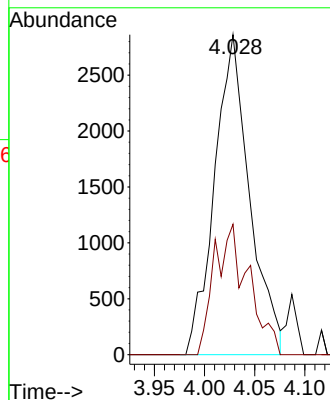
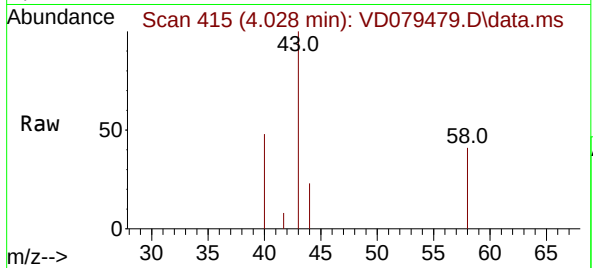




#16
Acetone
Concen: 27.480 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

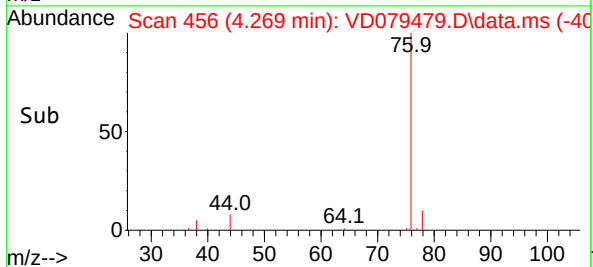
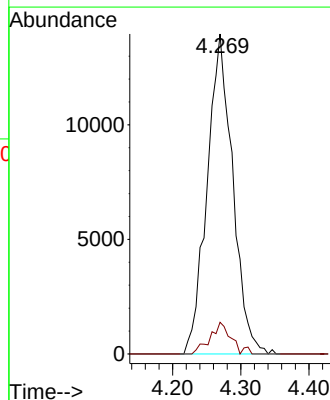
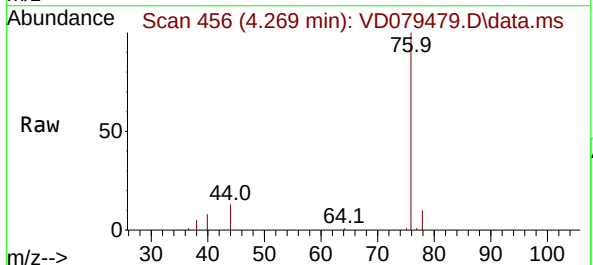
Instrument :
MSVOA_D
ClientSampleId :
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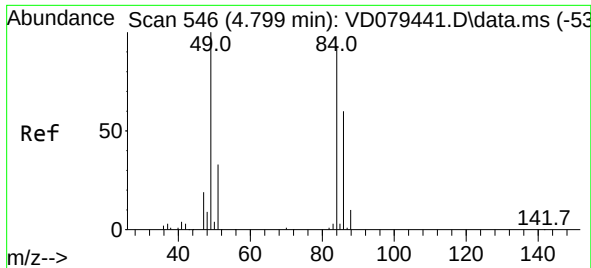
Tgt Ion: 43 Resp: 6979
Ion Ratio Lower Upper
43 100
58 40.7 30.4 45.6



#17
Carbon Disulfide
Concen: 7.951 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

Tgt Ion: 76 Resp: 36476
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3

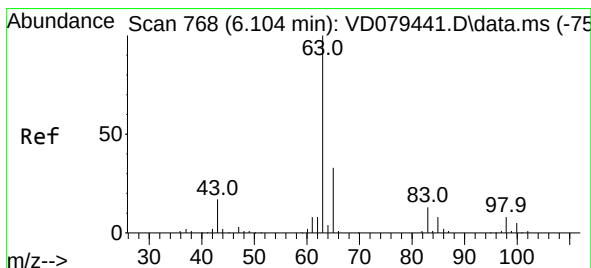
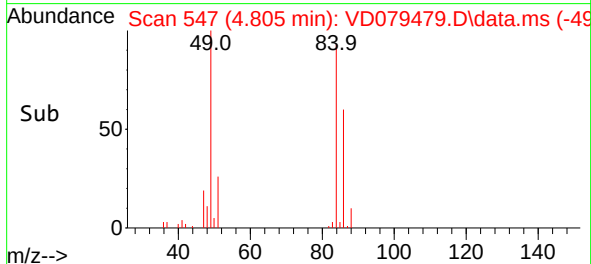
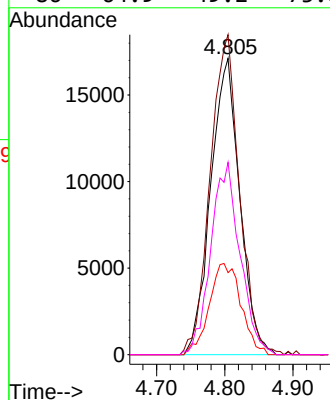
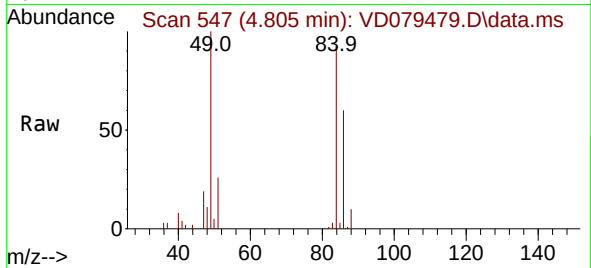




#20
Methylene Chloride
Concen: 17.987 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

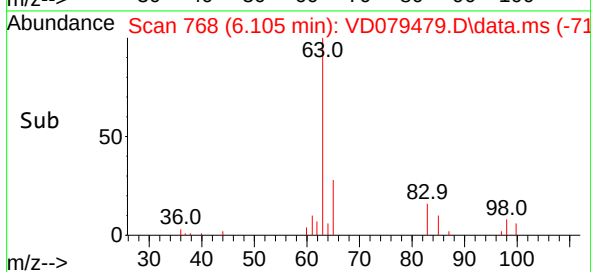
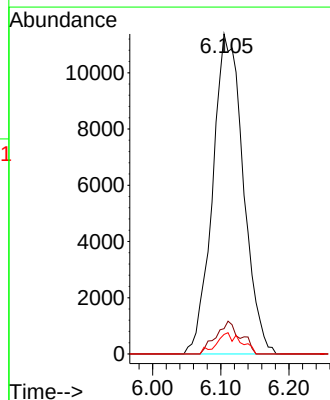
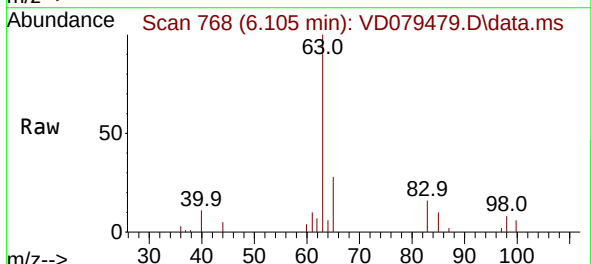
Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12.75-13.25-072024

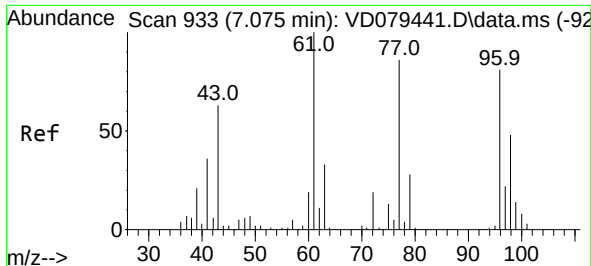
Tgt Ion:	84	Resp:	50913
Ion	Ratio	Lower	Upper
84	100		
49	108.0	75.6	113.4
51	27.7	24.2	36.2
86	64.9	49.2	73.8



#24
1,1-Dichloroethane
Concen: 13.021 ug/l
RT: 6.105 min Scan# 768
Delta R.T. 0.000 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

Tgt Ion:	63	Resp:	35632
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.7	14.0
100	6.1	2.9	8.6

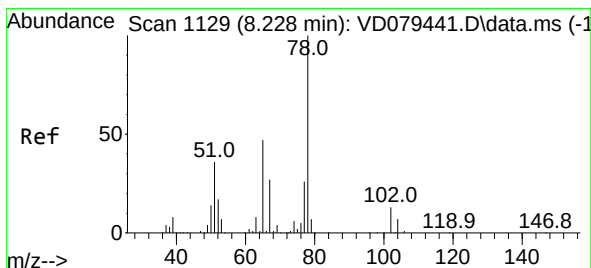
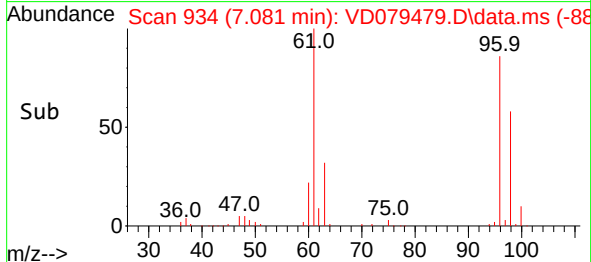
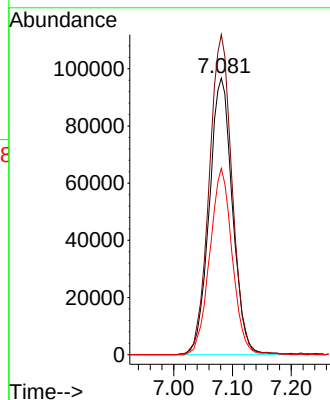
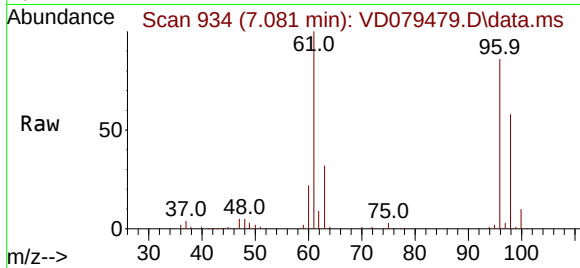




#27
 cis-1,2-Dichloroethene
 Concen: 148.220 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079479.D
 Acq: 31 Jul 2024 03:19

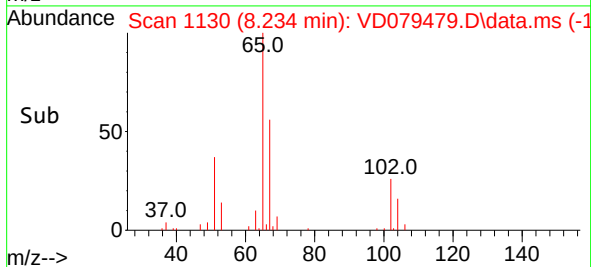
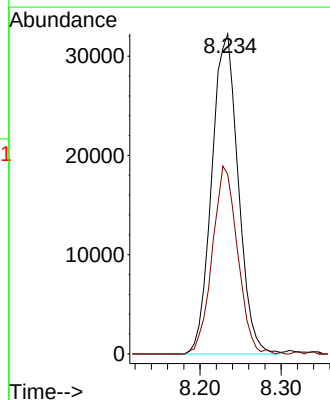
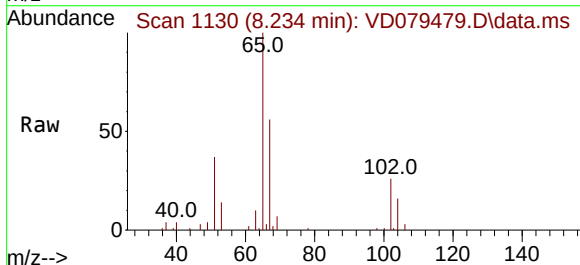
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 ClientSampleId :
 S-864-K2-SO-12.75-13.25-072024

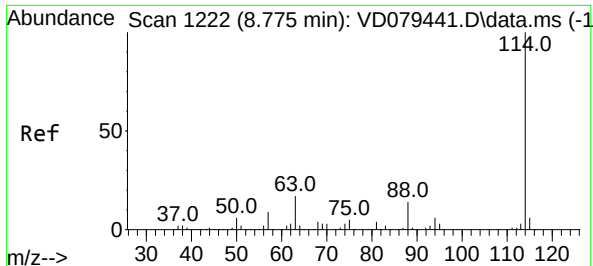
Tgt Ion: 96 Resp: 264530
 Ion Ratio Lower Upper
 96 100
 61 114.3 0.0 229.0
 98 65.4 0.0 127.2



#33
 1,2-Dichloroethane-d4
 Concen: 55.886 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VD079479.D
 Acq: 31 Jul 2024 03:19

Tgt Ion: 65 Resp: 73033
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079479.D

Acq: 31 Jul 2024 03:19

Instrument :

MSVOA_D

ClientSampleId :

S-864-K2-SO-12.75-13.25-072024

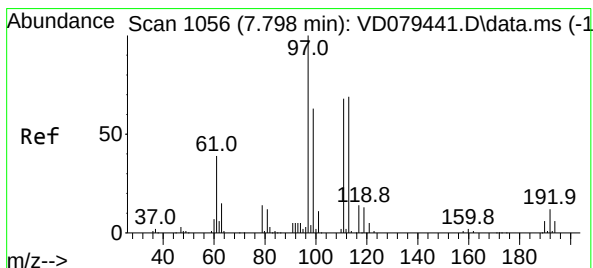
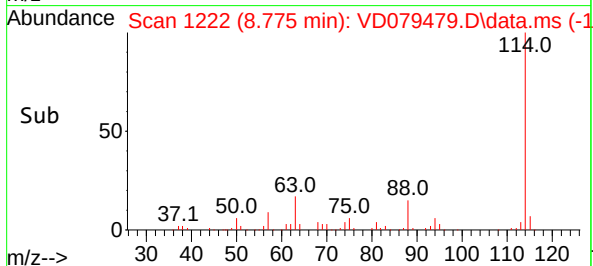
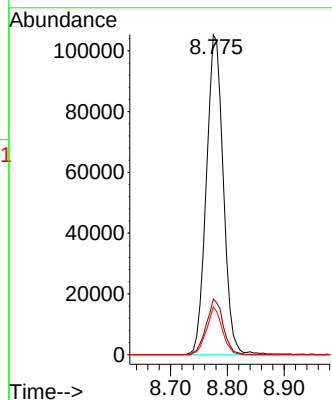
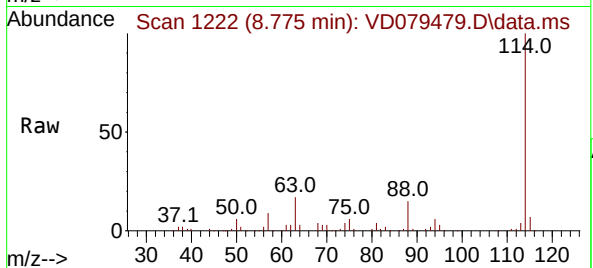
Tgt Ion:114 Resp: 217488

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.774 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079479.D

Acq: 31 Jul 2024 03:19

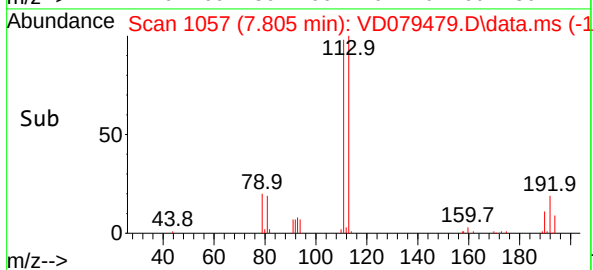
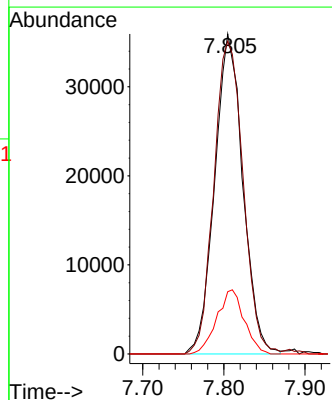
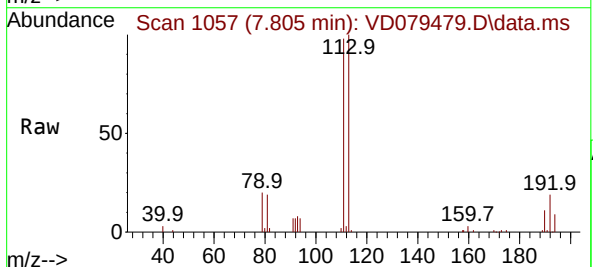
Tgt Ion:113 Resp: 86519

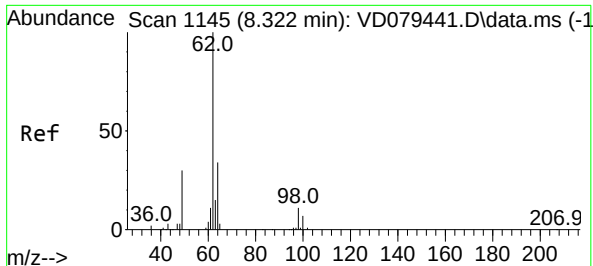
Ion Ratio Lower Upper

113 100

111 101.3 84.0 126.0

192 19.5 15.4 23.0

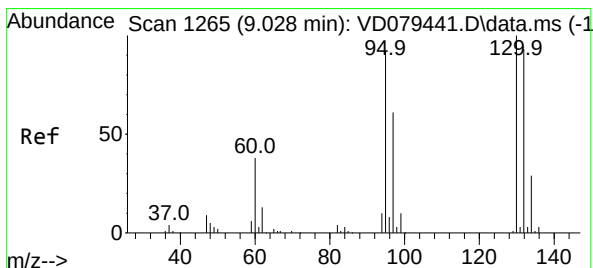
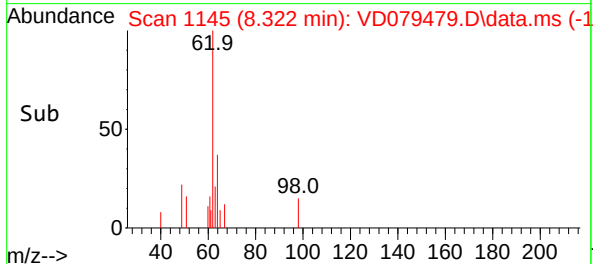
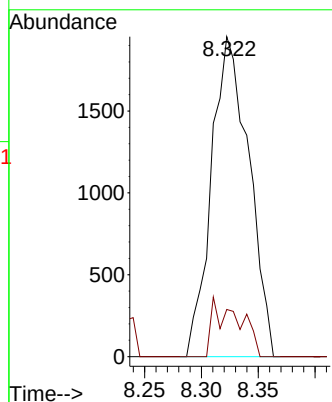
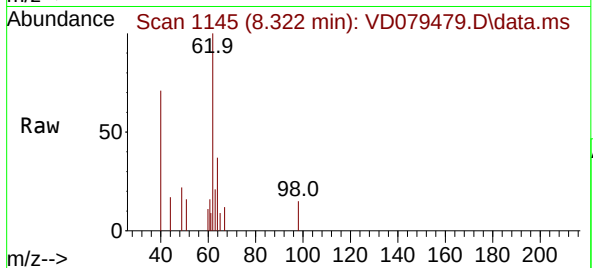




#42
1,2-Dichloroethane
Concen: 2.948 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

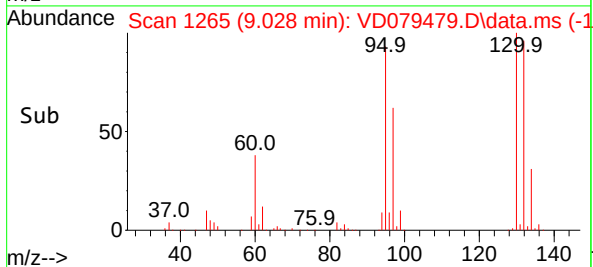
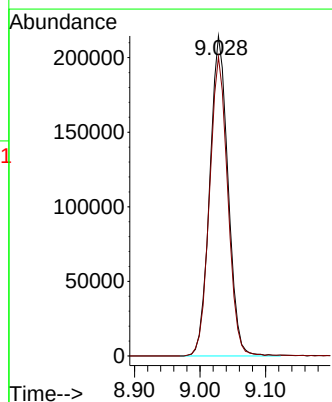
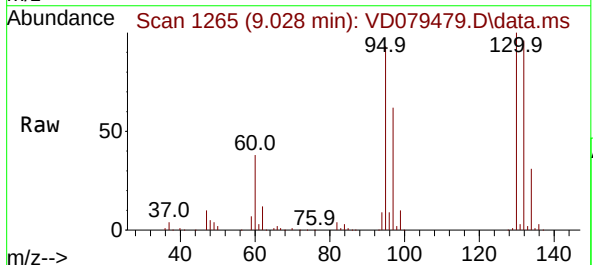
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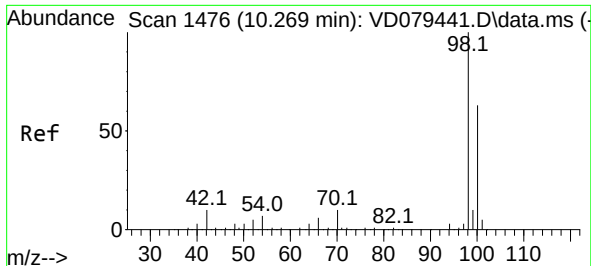
Tgt Ion: 62 Resp: 4483
Ion Ratio Lower Upper
62 100
98 13.2 0.0 25.8



#44
Trichloroethene
Concen: 261.977 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

Tgt Ion:130 Resp: 416175
Ion Ratio Lower Upper
130 100
95 93.5 0.0 177.8

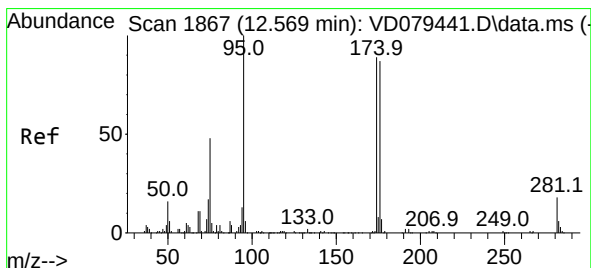
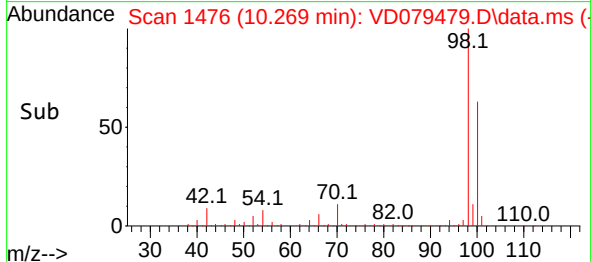
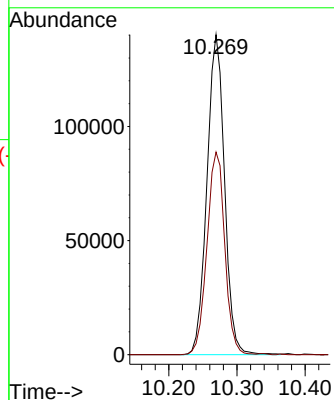
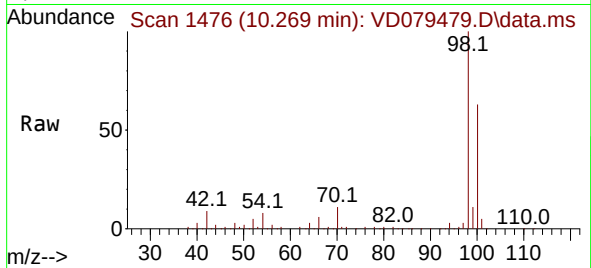




#50
Toluene-d8
Concen: 43.995 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

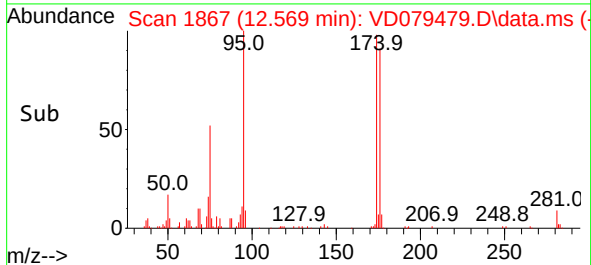
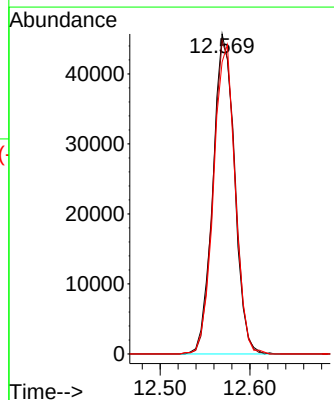
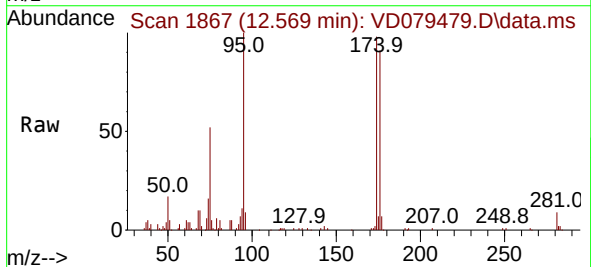
Instrument : MSVOA_D
ClientSampleId : S-864-K2-SO-12.75-13.25-072024

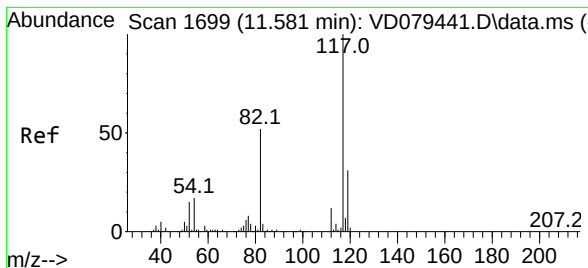
Tgt Ion: 98 Resp: 251501
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.070 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079479.D
Acq: 31 Jul 2024 03:19

Tgt Ion: 95 Resp: 76211
Ion Ratio Lower Upper
95 100
174 99.7 0.0 195.4
176 96.7 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: VD079479.D

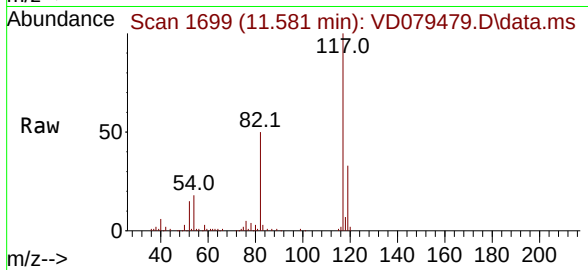
Acq: 31 Jul 2024 03:19

Instrument :

MSVOA_D

ClientSampleId :

S-864-K2-SO-12.75-13.25-072024



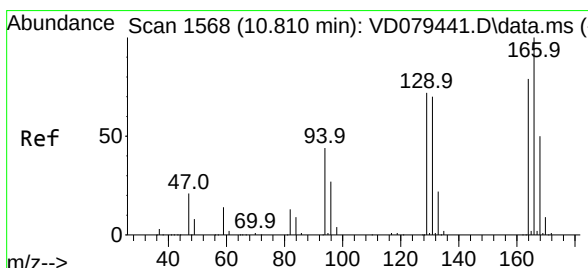
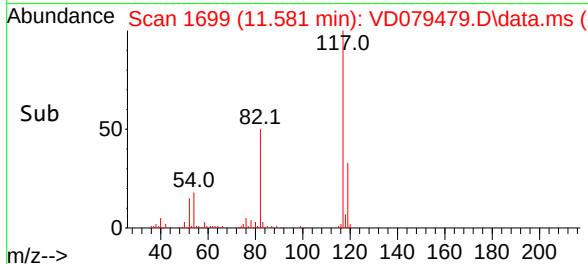
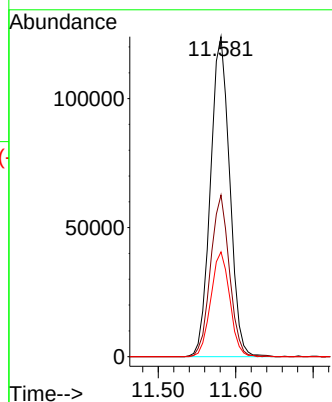
Tgt Ion:117 Resp: 213528

Ion Ratio Lower Upper

117 100

82 50.5 39.8 59.6

119 32.7 25.7 38.5



#64

Tetrachloroethene

Concen: 2.376 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD079479.D

Acq: 31 Jul 2024 03:19

Tgt Ion:164 Resp: 3421

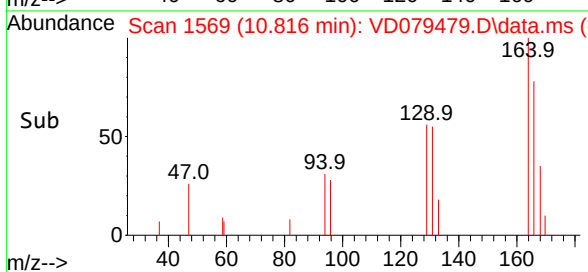
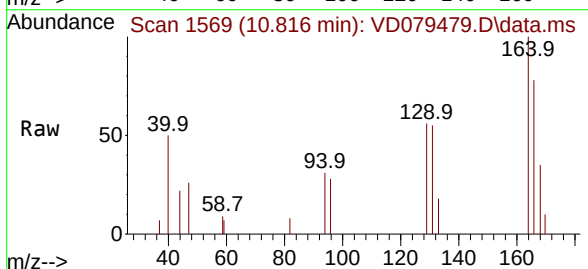
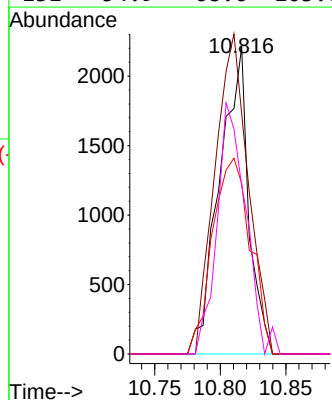
Ion Ratio Lower Upper

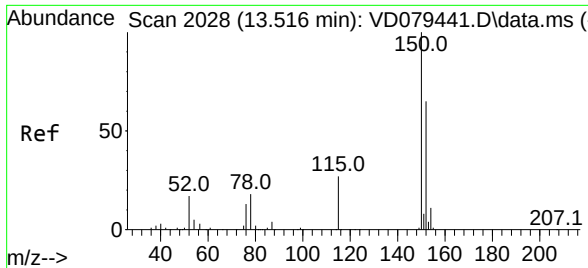
164 100

166 78.4 108.6 163.0#

129 55.6 74.6 112.0#

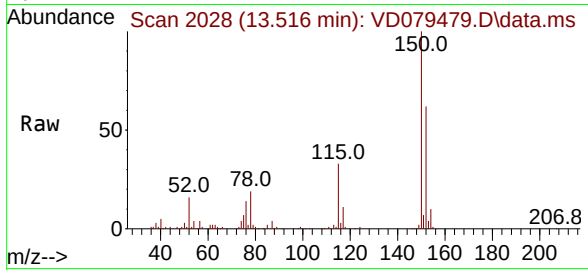
131 54.9 68.6 103.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079479.D
 Acq: 31 Jul 2024 03:19

Instrument :
 MSVOA_D
 ClientSampleId :
 S-864-K2-SO-12.75-13.25-072024



Tgt Ion:	152	Resp:	97486
Ion Ratio	Lower	Upper	
152	100		
115	52.8	26.5	79.5
150	156.8	0.0	341.6

