

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079289.D
 Acq On : 01 Jul 2024 11:09
 Operator : RP/MD
 Sample : VD0701SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 01 15:35:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

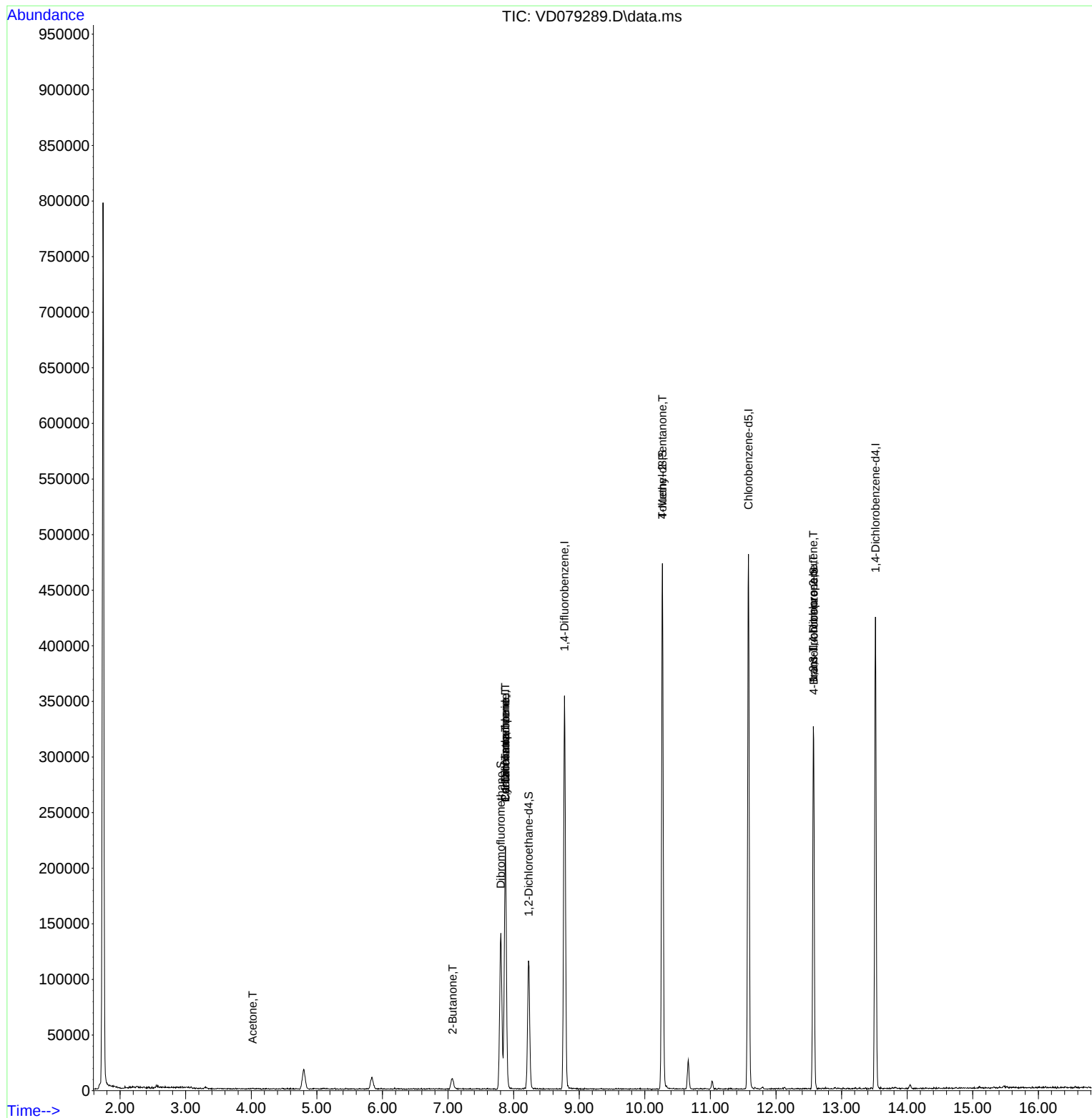
Internal Standards						
1) Pentafluorobenzene	7.875	168	154616	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	305080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	278385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90320	60.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.200%	
35) Dibromofluoromethane	7.805	113	101749	50.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.620%	
50) Toluene-d8	10.269	98	332689	46.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.360%	
62) 4-Bromofluorobenzene	12.575	95	108207	46.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.680%	
Target Compounds						
5) Bromomethane	2.699	94	245	Below Cal	Qvalue 82	
16) Acetone	4.022	43	898	2.447	ug/l	# 37
20) Methylene Chloride	4.793	84	13938	Below Cal	97	
25) 2-Butanone	7.069	43	569	1.113	ug/l	# 42
31) Cyclohexane	7.875	56	3891	1.184	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	14376	4.621	ug/l	# 48
38) Carbon Tetrachloride	7.875	117	17029	5.390	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.269	43	1363	1.146	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	55554	49.389	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	55554	91.647	ug/l	# 19

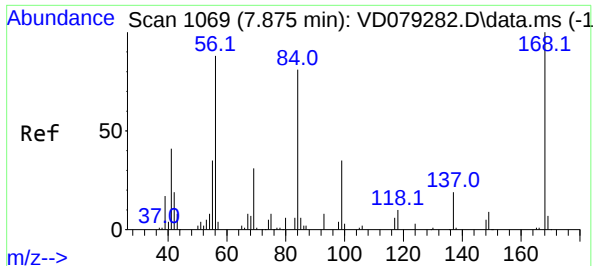
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
Data File : VD079289.D
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Operator : RP/MD
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 01 15:35:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration

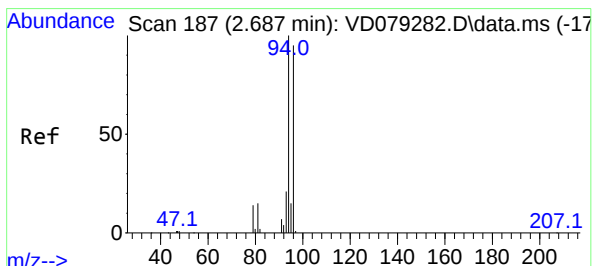
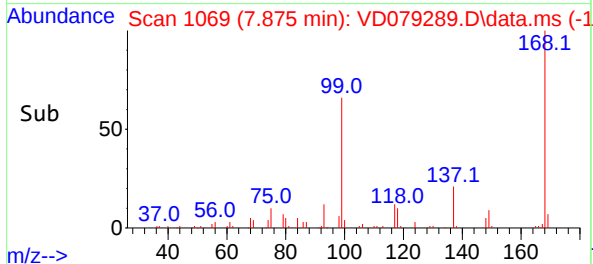
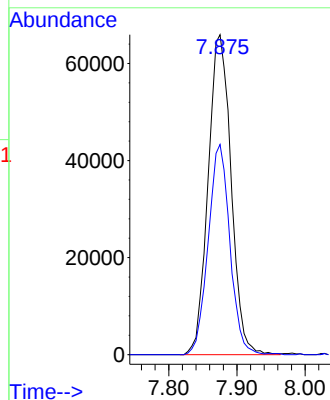
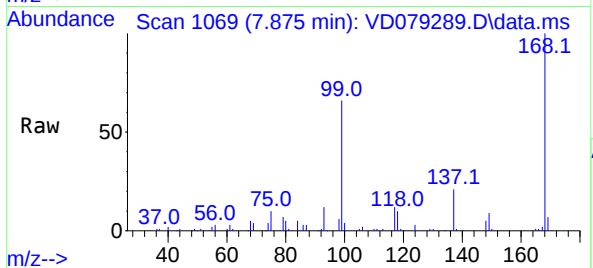




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

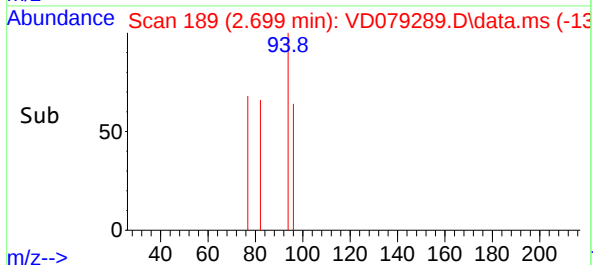
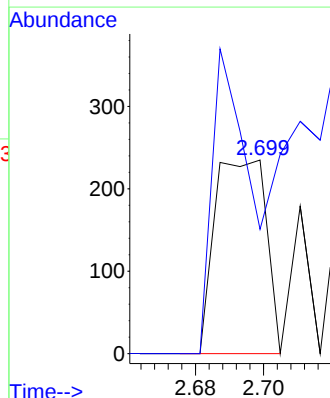
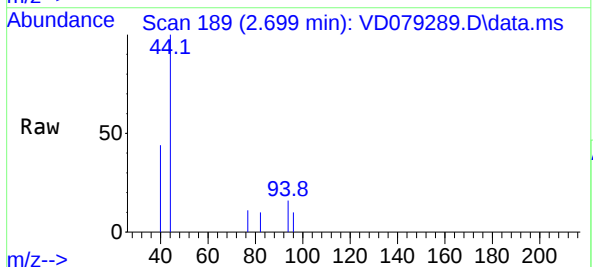
Instrument :
MSVOA_D
ClientSampleId :

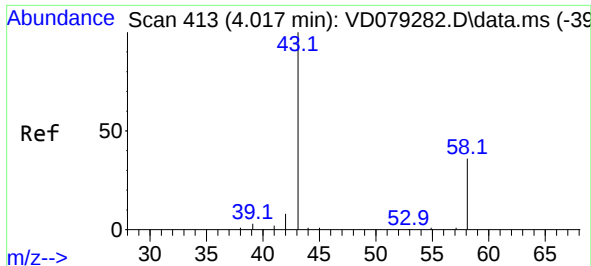
Tgt Ion:168 Resp: 154616
Ion Ratio Lower Upper
168 100
99 65.7 41.1 61.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.041 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 113.9 76.9 115.3

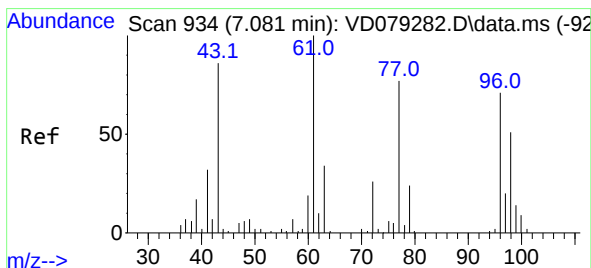
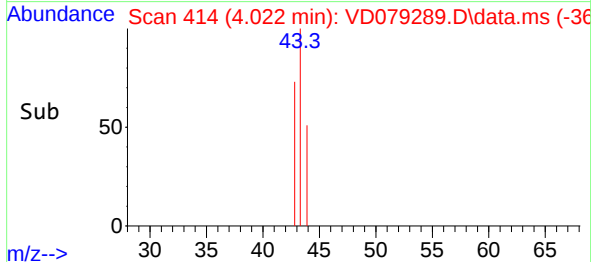
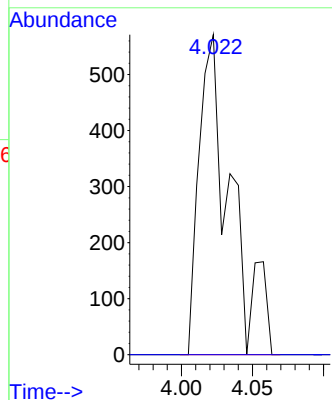
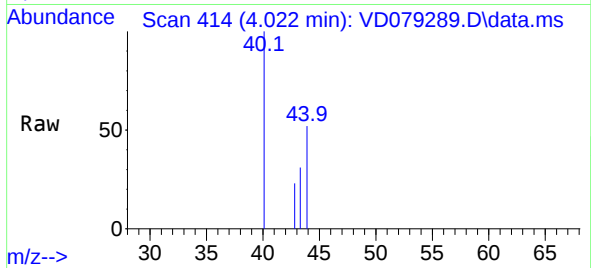




#16
Acetone
Concen: 2.447 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

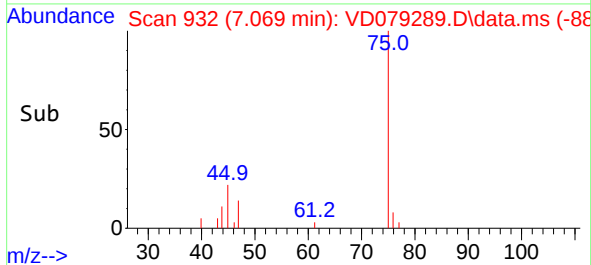
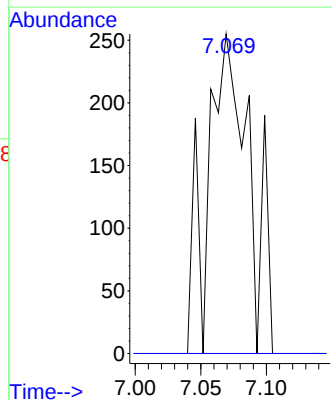
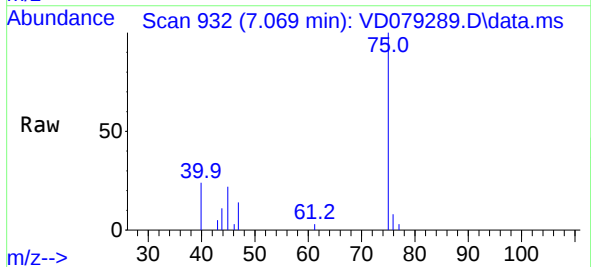
Instrument :
MSVOA_D
ClientSampleId :

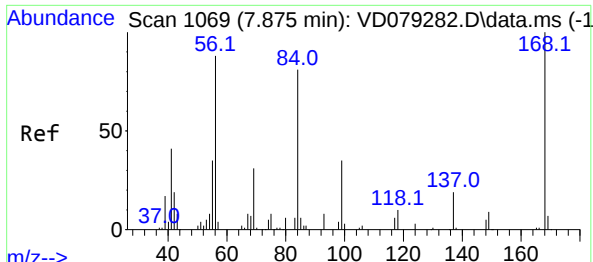
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#25
2-Butanone
Concen: 1.113 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#





#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

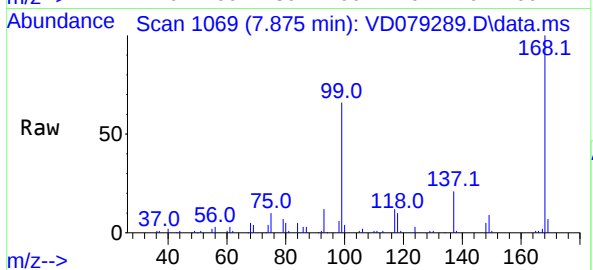
Lab File: VD079289.D

Acq: 01 Jul 2024 11:09

Instrument :

MSVOA_D

ClientSampleId :



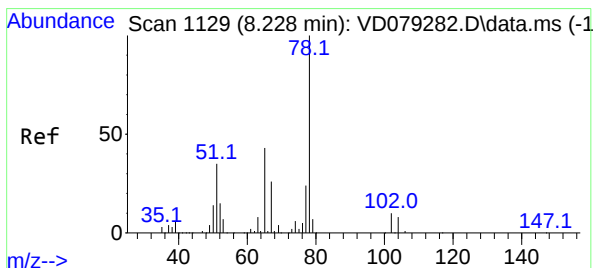
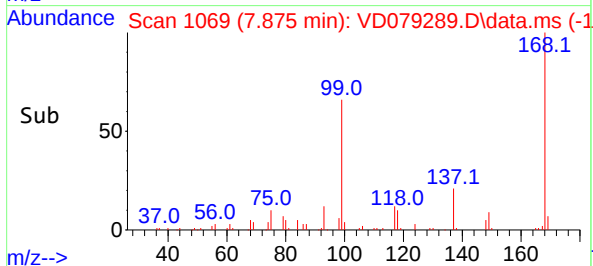
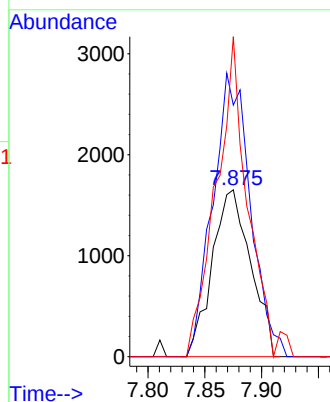
Tgt Ion: 56 Resp: 3891

Ion Ratio Lower Upper

56 100

69 150.8 28.0 42.0#

84 191.8 87.4 131.0#



#33

1,2-Dichloroethane-d4

Concen: 60.602 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079289.D

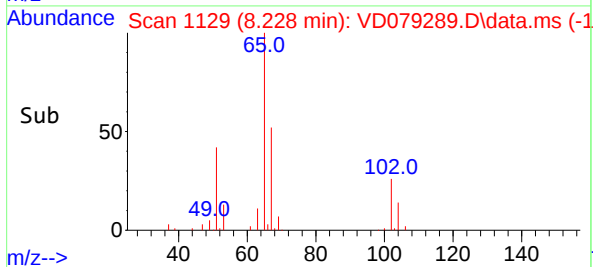
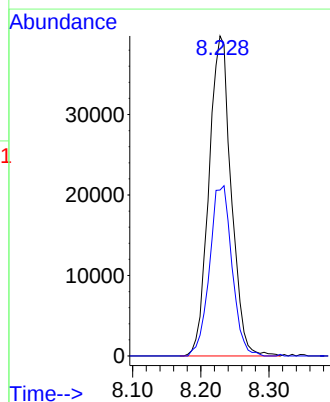
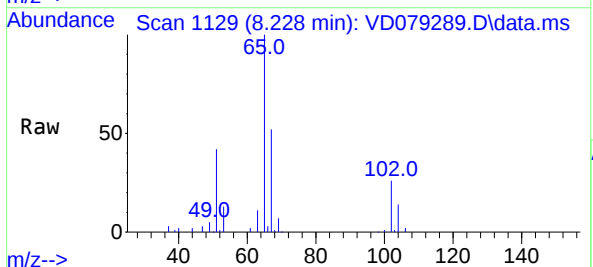
Acq: 01 Jul 2024 11:09

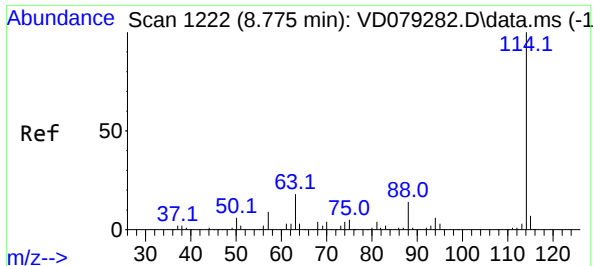
Tgt Ion: 65 Resp: 90320

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.0

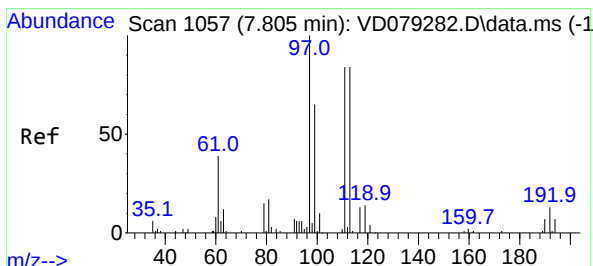
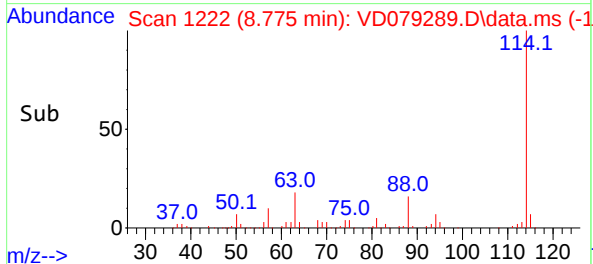
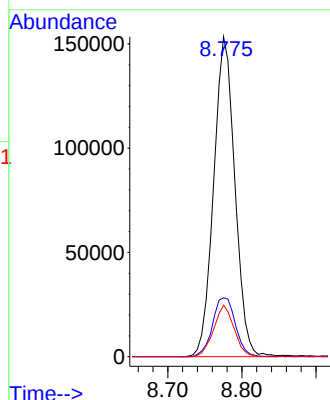
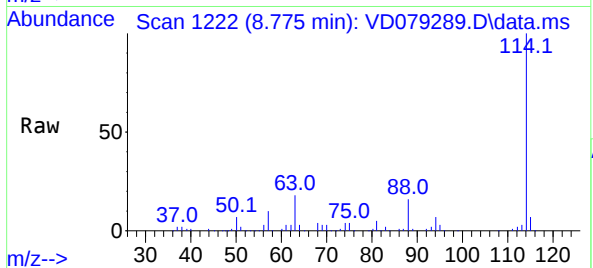




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

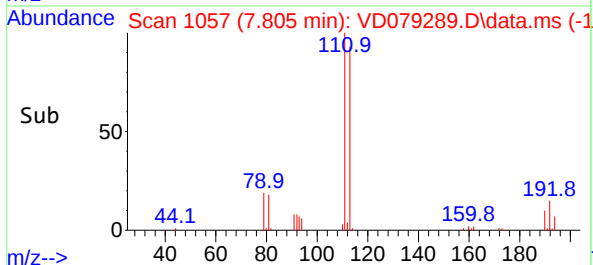
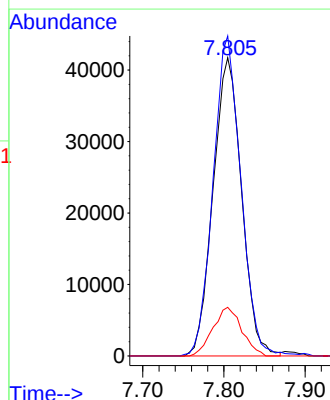
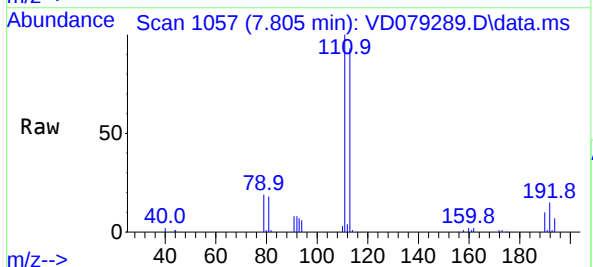
Instrument :
MSVOA_D
ClientSampleId :

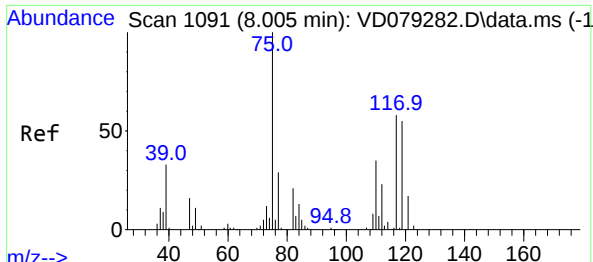
Tgt Ion:114 Resp: 305080
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.810 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

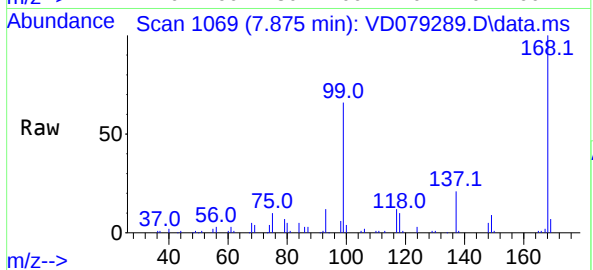
Tgt Ion:113 Resp: 101749
Ion Ratio Lower Upper
113 100
111 104.7 84.0 126.0
192 16.5 15.4 23.0



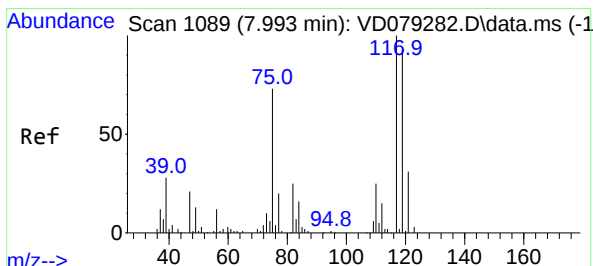
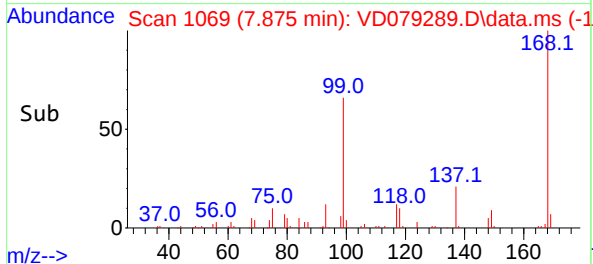
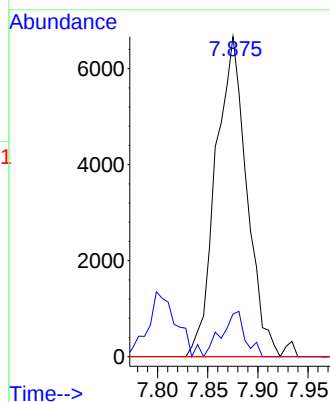


#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

Instrument :
MSVOA_D
ClientSampleId :

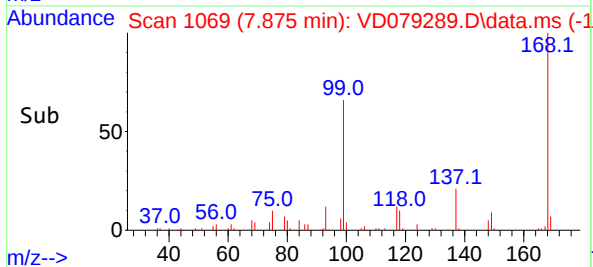
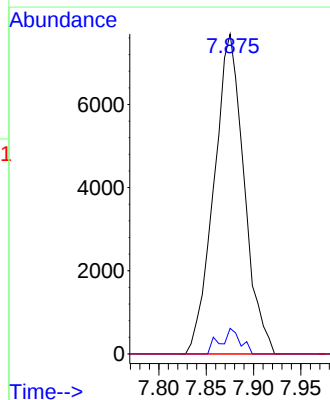
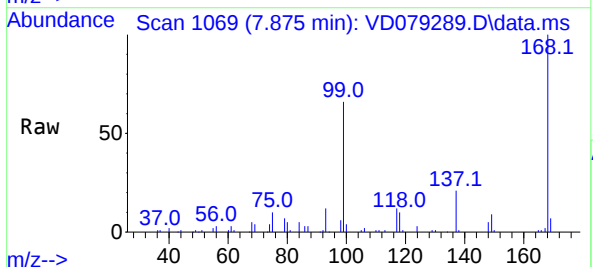


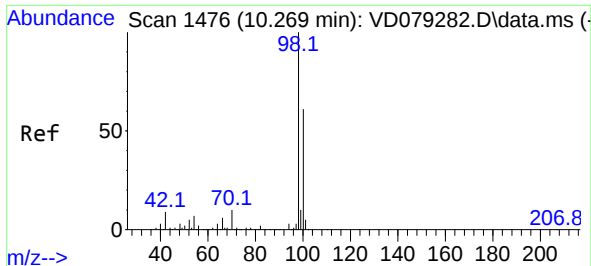
Tgt Ion: 75 Resp: 14376
Ion Ratio Lower Upper
75 100
110 10.6 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

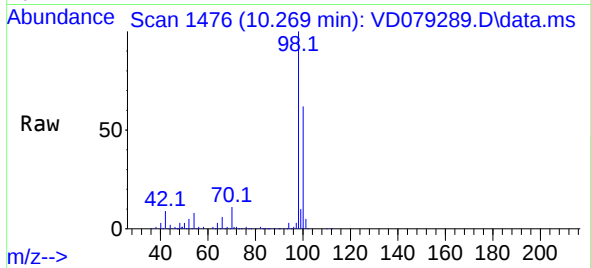
Tgt Ion: 117 Resp: 17029
Ion Ratio Lower Upper
117 100
119 8.0 75.4 113.0#
121 0.0 25.0 37.4#



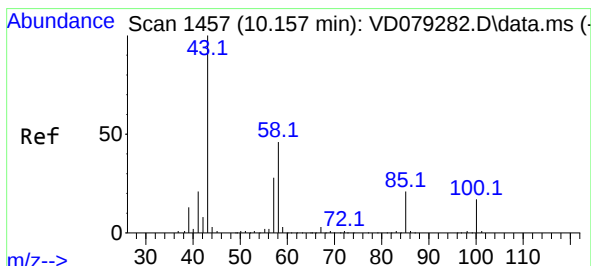
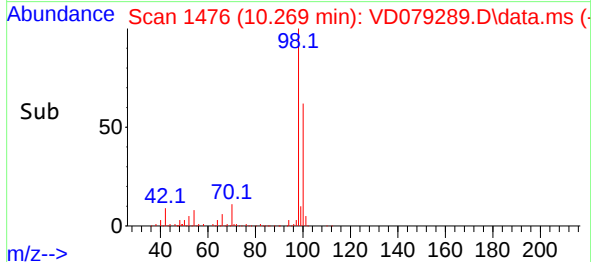
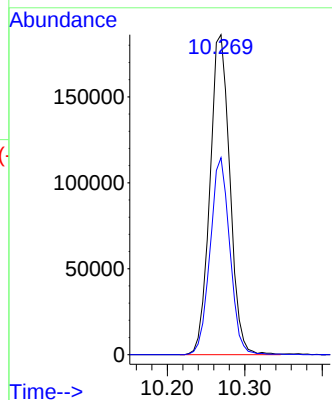


#50
Toluene-d8
Concen: 46.180 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

Instrument :
MSVOA_D
ClientSampleId :

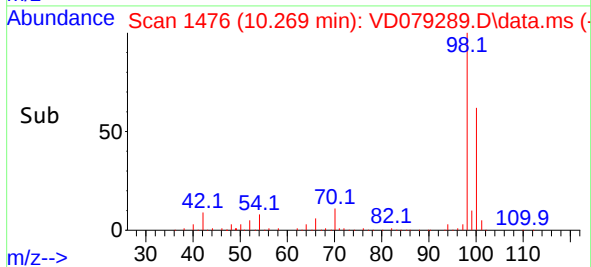
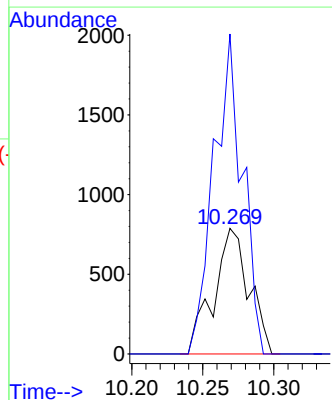
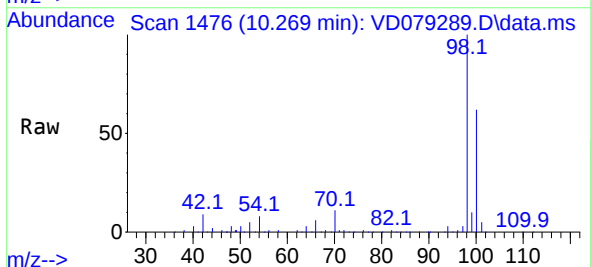


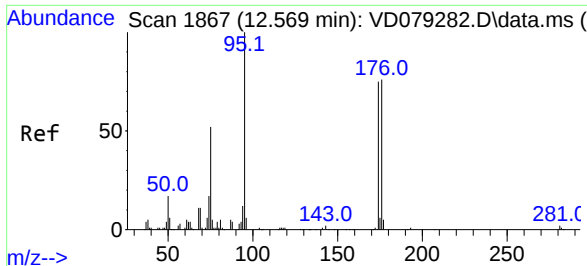
Tgt Ion: 98 Resp: 332689
Ion Ratio Lower Upper
98 100
100 60.8 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.146 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 207.0 36.6 55.0#

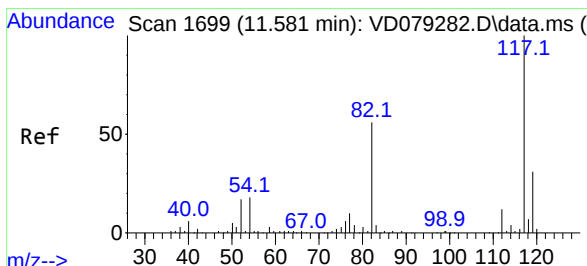
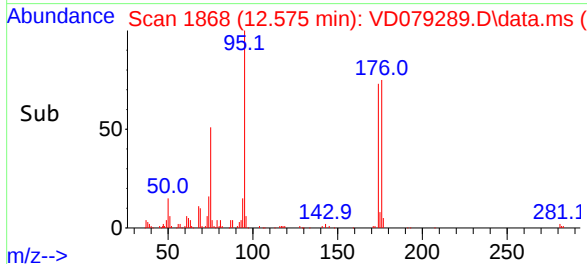
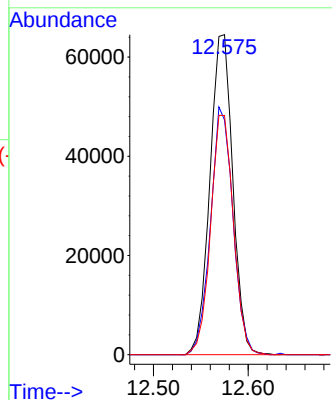
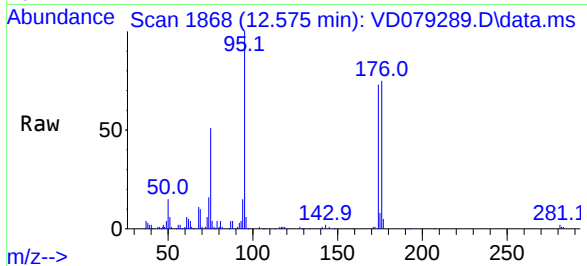




#62
4-Bromofluorobenzene
Concen: 46.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

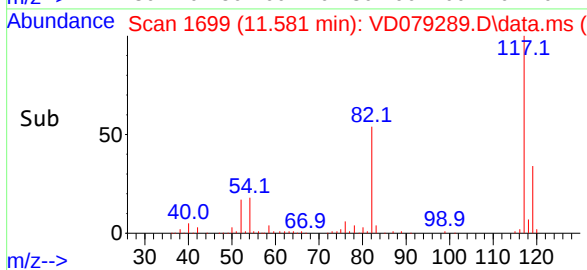
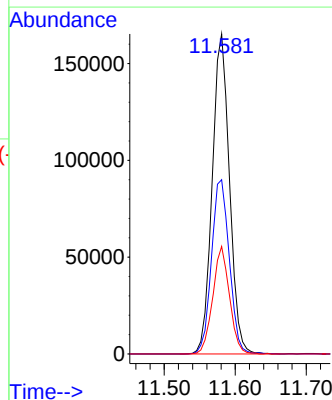
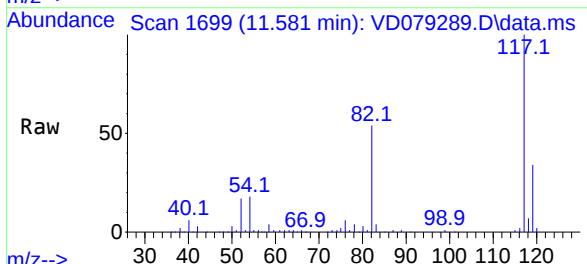
Instrument :
MSVOA_D
ClientSampleId :

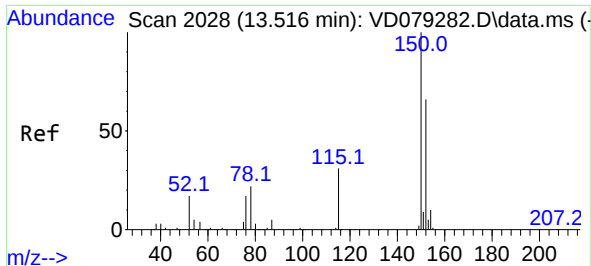
Tgt Ion: 95 Resp: 108207
Ion Ratio Lower Upper
95 100
174 76.0 0.0 195.4
176 74.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

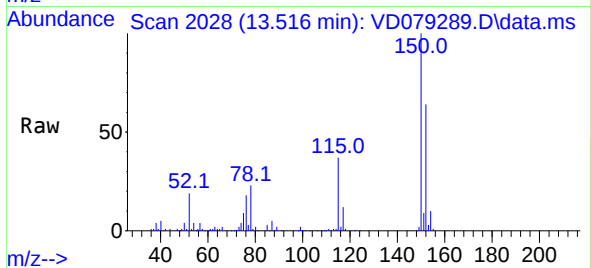
Tgt Ion: 117 Resp: 278385
Ion Ratio Lower Upper
117 100
82 54.4 39.8 59.6
119 33.6 25.7 38.5



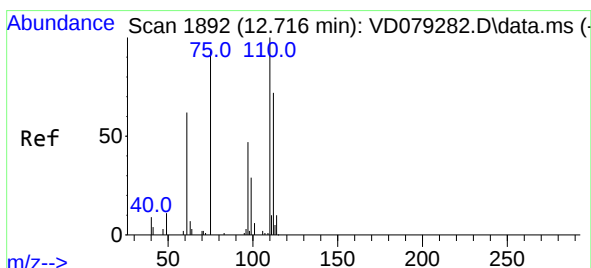
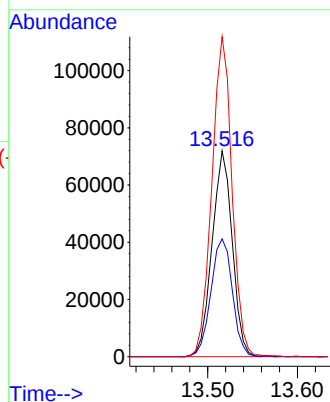
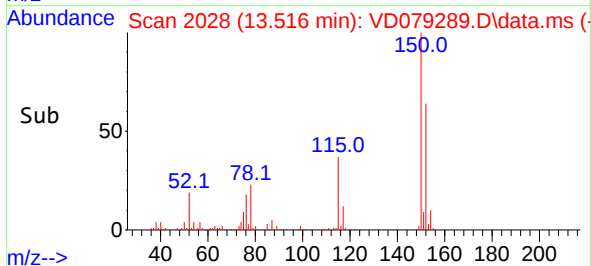


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

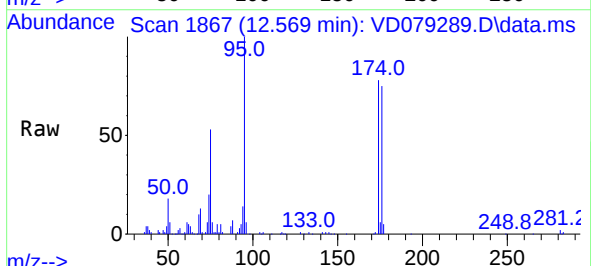
Instrument :
MSVOA_D
ClientSampleId :



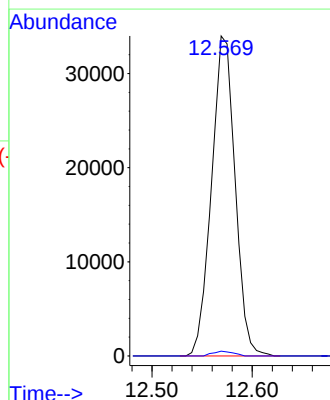
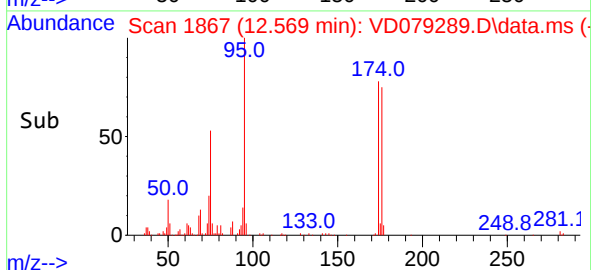
Tgt Ion:152 Resp: 112398
Ion Ratio Lower Upper
152 100
115 60.8 26.5 79.5
150 155.3 0.0 341.6

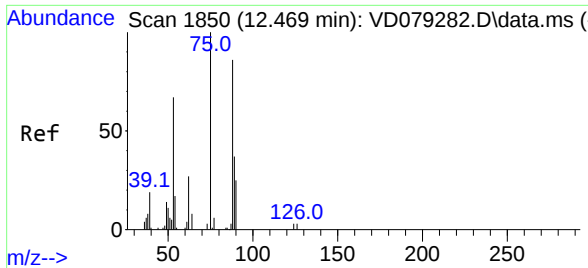


#76
1,2,3-Trichloropropane
Concen: 49.389 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09



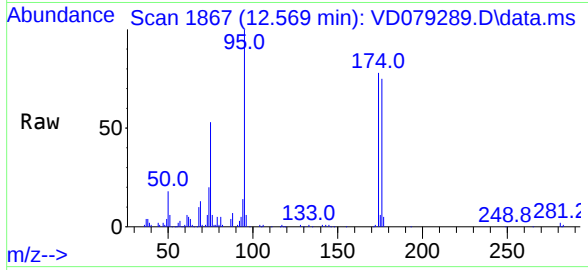
Tgt Ion: 75 Resp: 55554
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.647 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079289.D
Acq: 01 Jul 2024 11:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 55554
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

