

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079490.D
 Acq On : 31 Jul 2024 12:14
 Operator : RP/MD
 Sample : VD0731SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Quant Time: Jul 31 16:01:06 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)

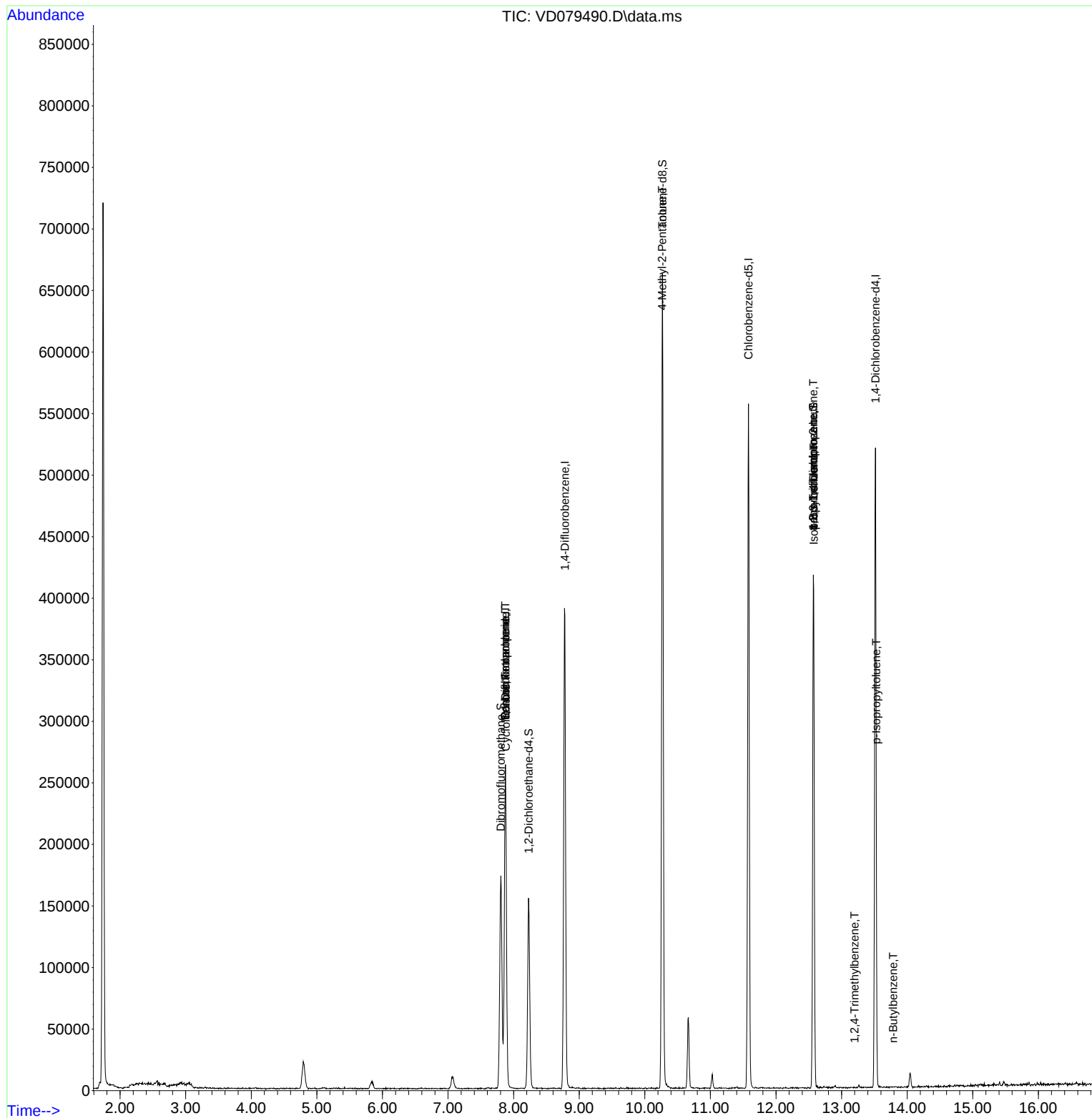
Internal Standards						
1) Pentafluorobenzene	7.875	168	211104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	357764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	116731	54.430	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.860%			
35) Dibromofluoromethane	7.805	113	127102	52.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.980%			
50) Toluene-d8	10.269	98	464017	49.345	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.680%			
62) 4-Bromofluorobenzene	12.569	95	118523	43.555	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.120%			
Target Compounds						
5) Bromomethane	2.681	94	547	Below Cal	#	78
20) Methylene Chloride	4.793	84	16971	Below Cal		92
31) Cyclohexane	7.881	56	3789	1.064	ug/l #	19
36) 1,1-Dichloropropene	7.875	75	15930	4.820	ug/l #	47
38) Carbon Tetrachloride	7.875	117	19506	5.614	ug/l #	17
51) 4-Methyl-2-Pentanone	10.263	43	1759	1.353	ug/l #	1
73) Isopropylbenzene	12.575	105	136	3.639	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	59689	46.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	59689	87.807	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.198	105	150	3.444	ug/l #	29
86) p-Isopropyltoluene	13.528	119	81	3.894	ug/l #	1
89) n-Butylbenzene	13.787	91	117	3.793	ug/l #	72

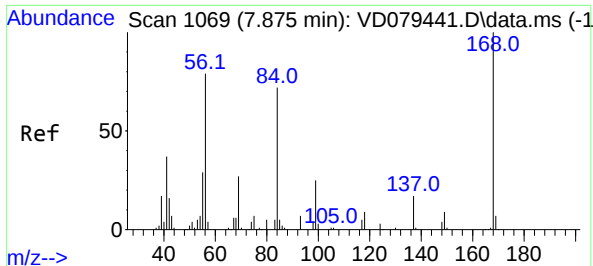
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 16:01:06 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# 10

Delta R.T. 0.000 min

Lab File: VD079490.D

Acq: 31 Jul 2024 12:14

Instrument :

MSVOA_D

ClientSampleId :

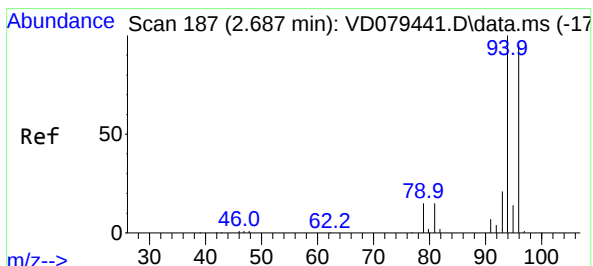
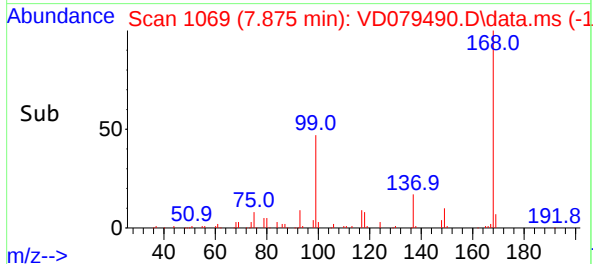
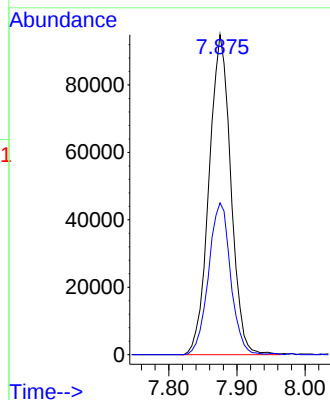
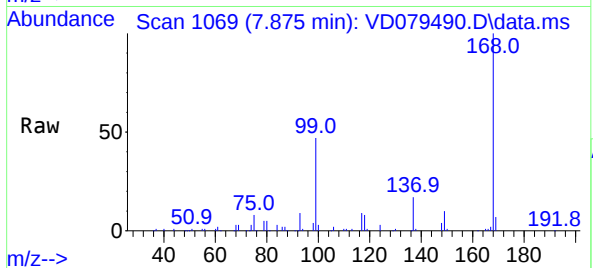
VD0731SBL01

Tgt Ion:168 Resp: 211104

Ion Ratio Lower Upper

168 100

99 47.5 41.1 61.7



#5

Bromomethane

Concen: Below Cal

RT: 2.681 min Scan# 186

Delta R.T. -0.006 min

Lab File: VD079490.D

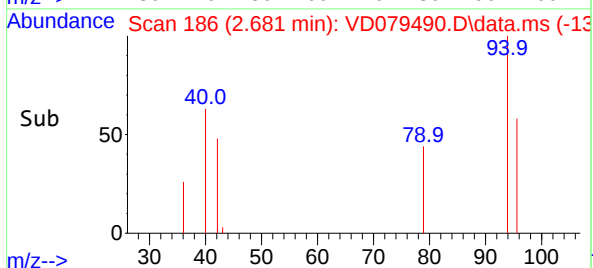
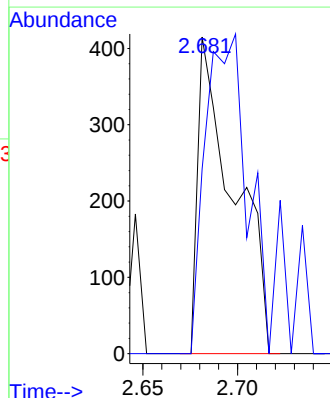
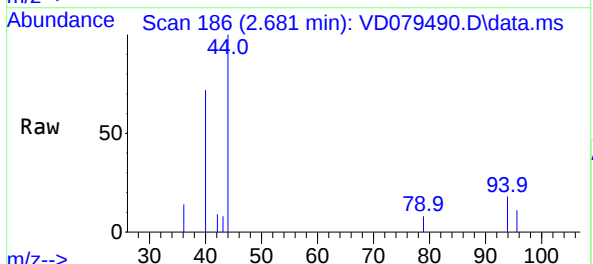
Acq: 31 Jul 2024 12:14

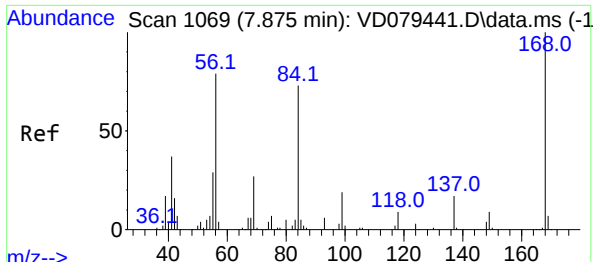
Tgt Ion: 94 Resp: 547

Ion Ratio Lower Upper

94 100

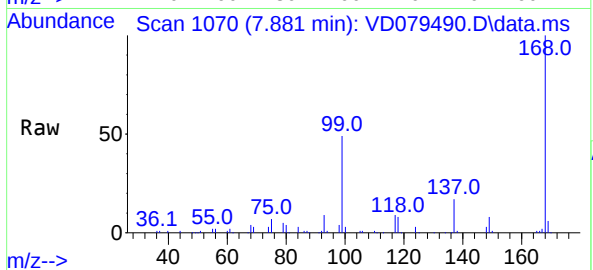
96 117.9 76.9 115.3#



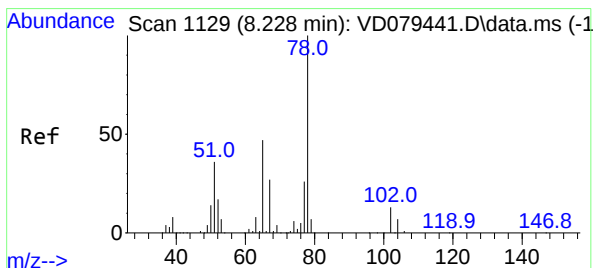
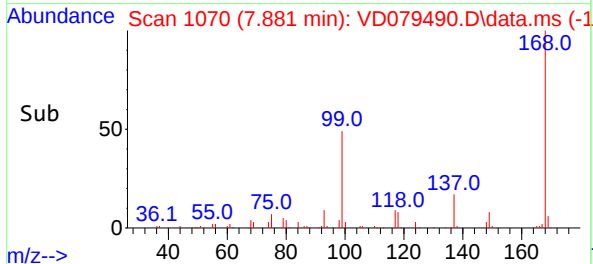
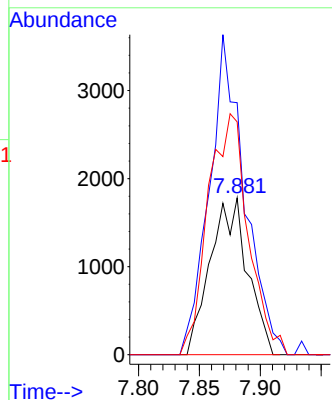


#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

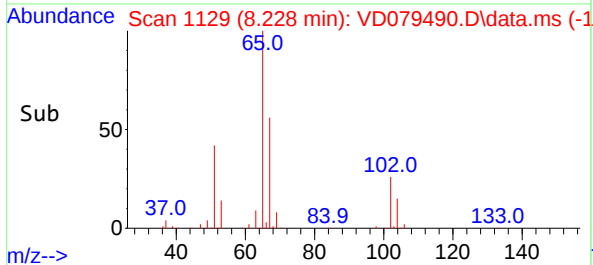
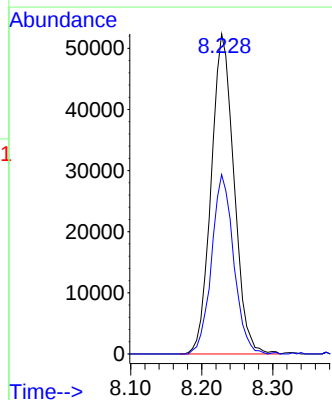
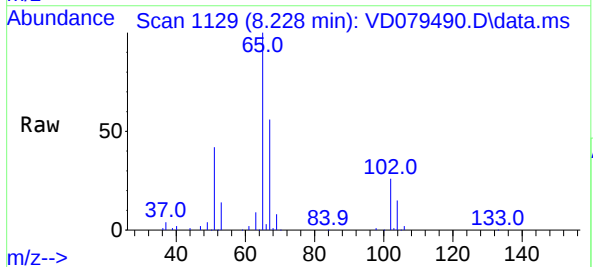


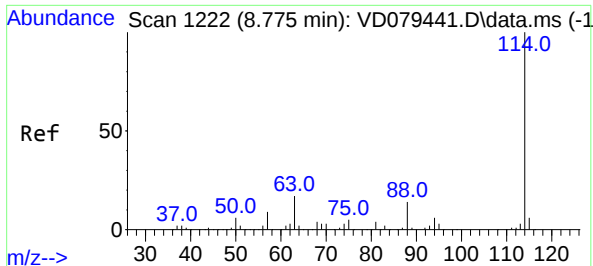
Tgt Ion: 56 Resp: 3789
Ion Ratio Lower Upper
56 100
69 160.7 28.0 42.0#
84 148.5 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 54.430 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 65 Resp: 116731
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0

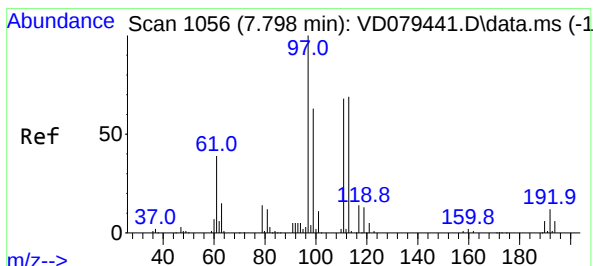
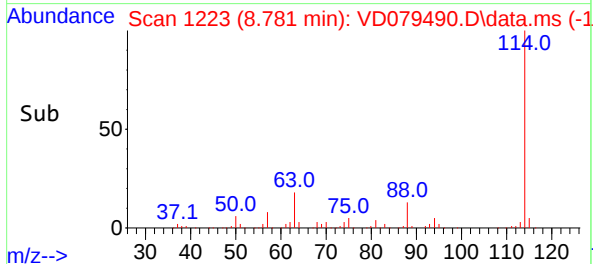
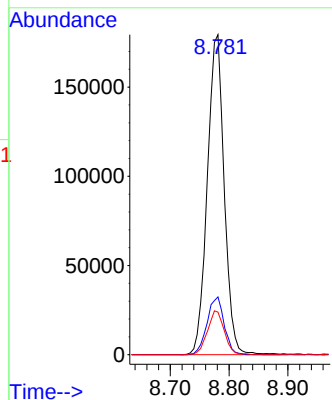
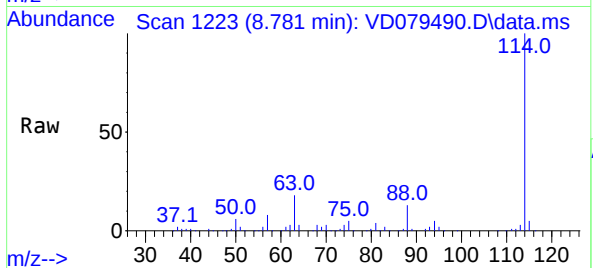




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

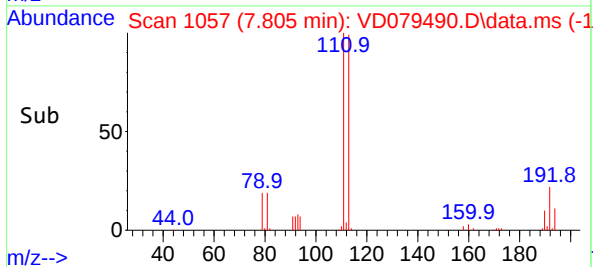
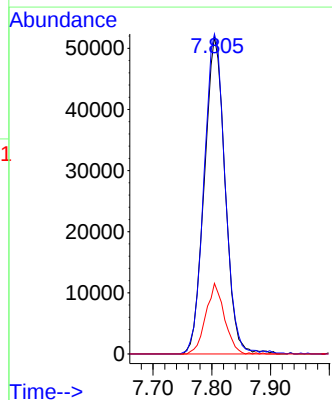
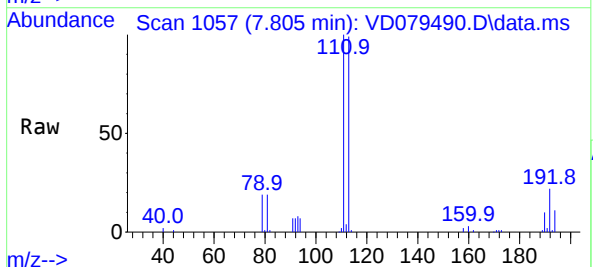
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

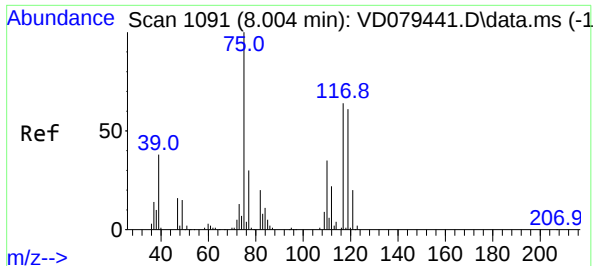
Tgt Ion:114 Resp: 357764
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.0
88 13.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.489 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion:113 Resp: 127102
Ion Ratio Lower Upper
113 100
111 101.9 84.0 126.0
192 19.9 15.4 23.0

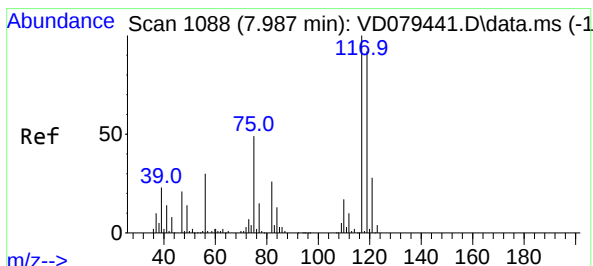
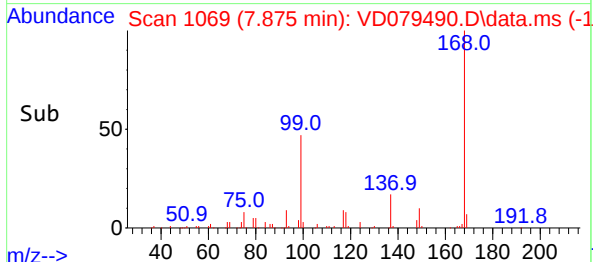
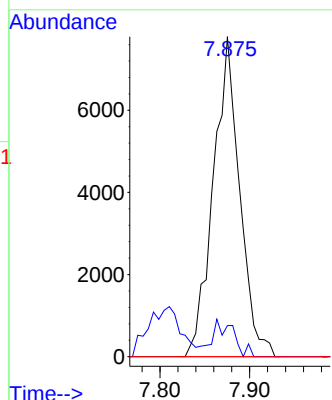
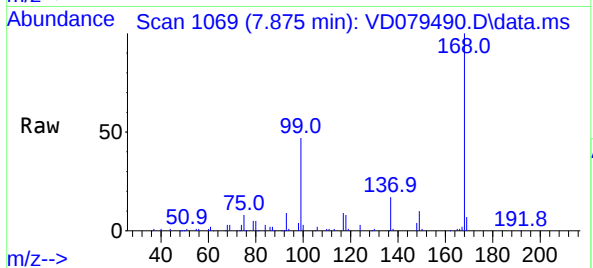




#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

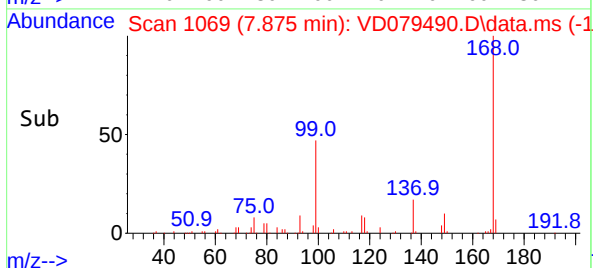
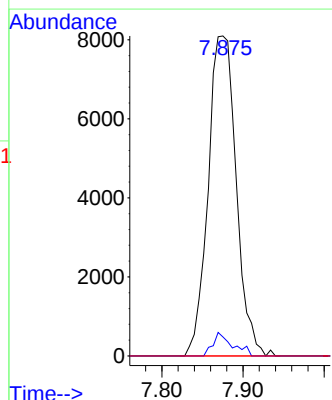
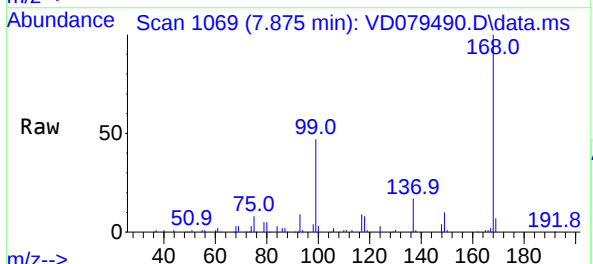
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

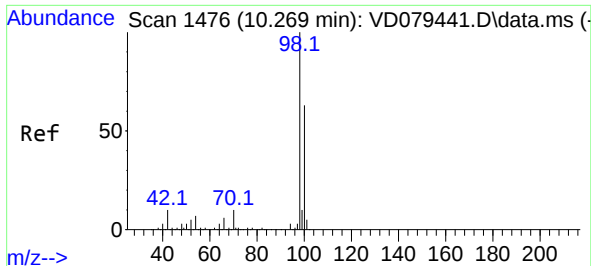
Tgt Ion:	75	Resp:	15930
Ion Ratio	Lower	Upper	
75	100		
110	9.2	19.6	58.7#
77	0.0	26.1	39.1#



#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion:	117	Resp:	19506
Ion Ratio	Lower	Upper	
117	100		
119	6.0	75.4	113.0#
121	0.0	25.0	37.4#

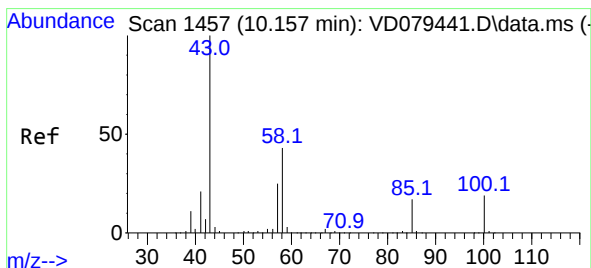
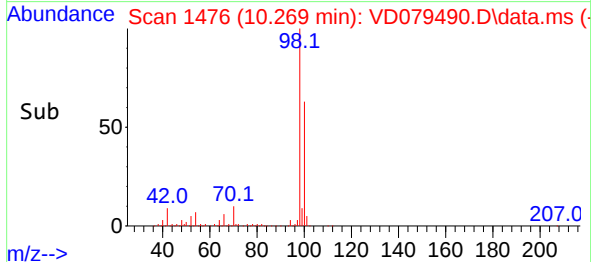
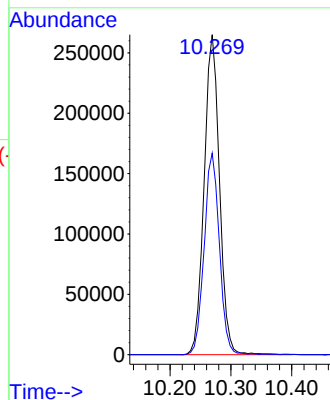
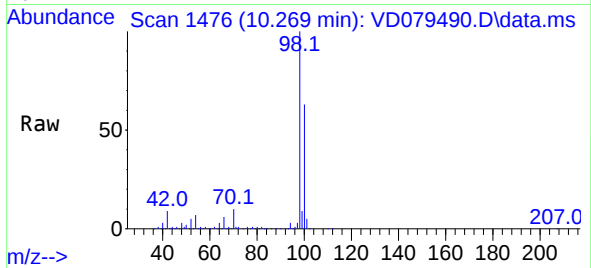




#50
Toluene-d8
Concen: 49.345 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

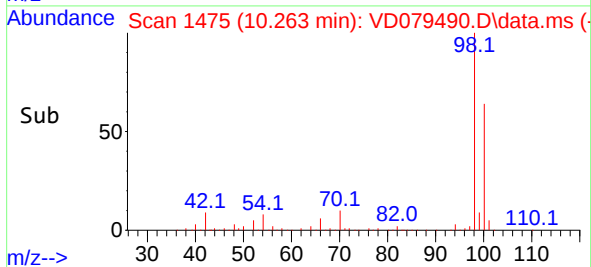
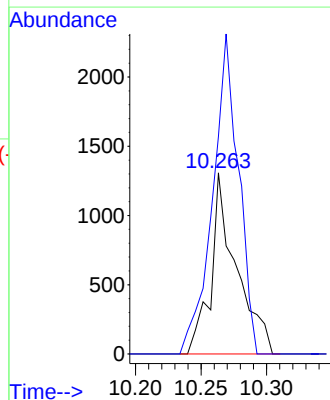
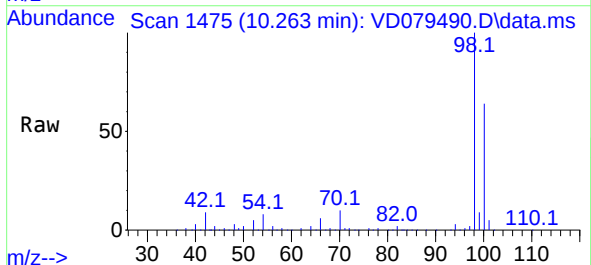
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

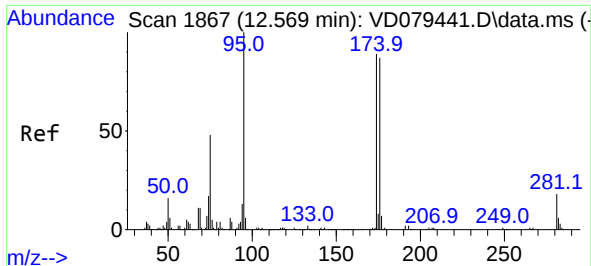
Tgt Ion: 98 Resp: 464017
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.353 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
58 180.0 36.6 55.0#

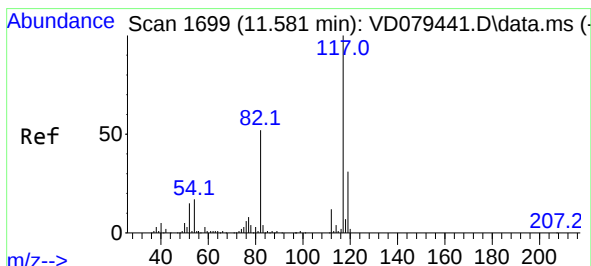
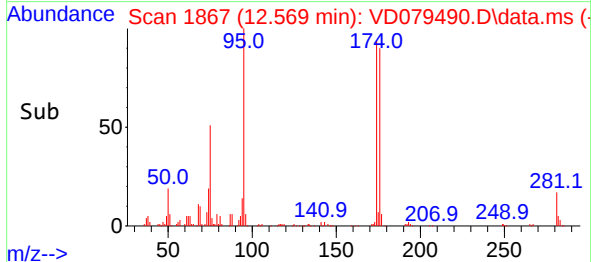
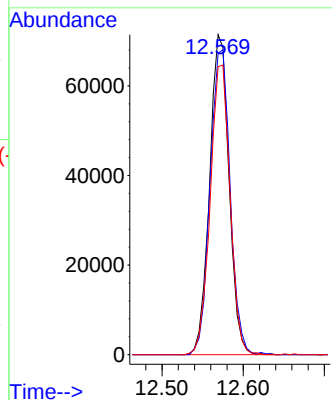
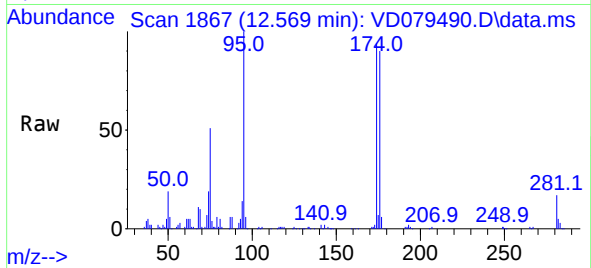




#62
4-Bromofluorobenzene
Concen: 43.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

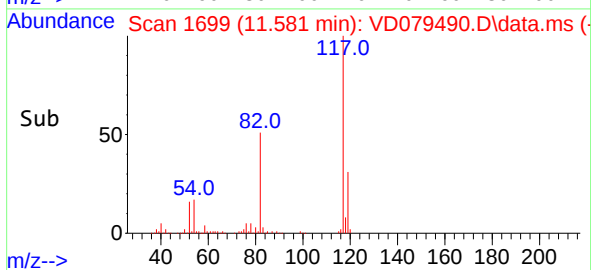
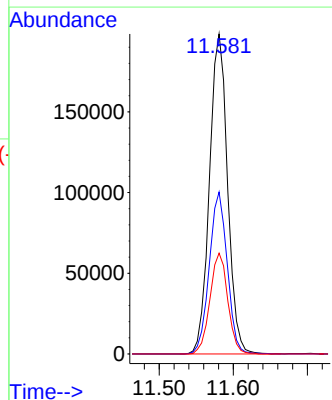
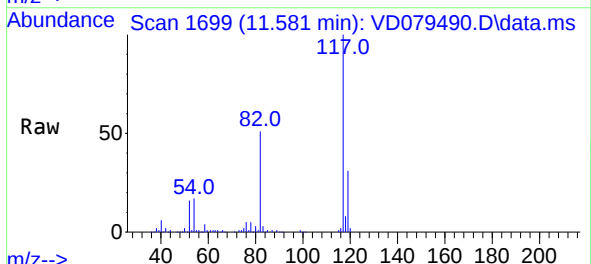
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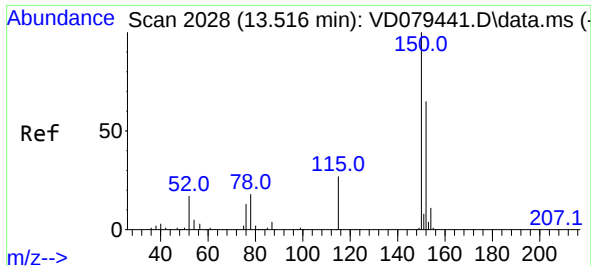
Tgt Ion: 95 Resp: 118523
Ion Ratio Lower Upper
95 100
174 98.8 0.0 195.4
176 92.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 117 Resp: 336168
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 31.5 25.7 38.5

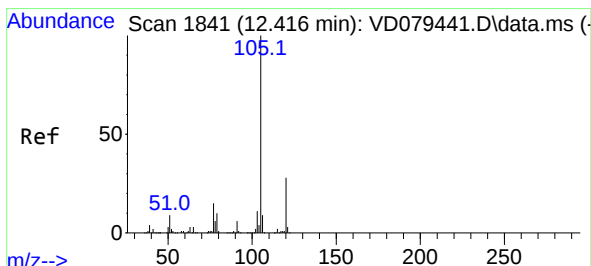
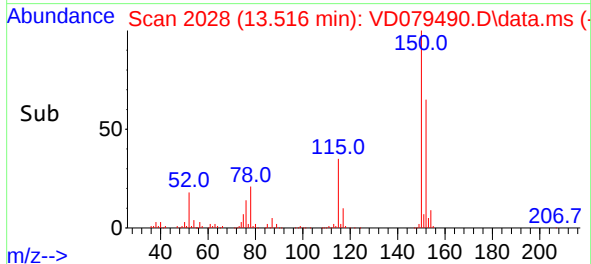
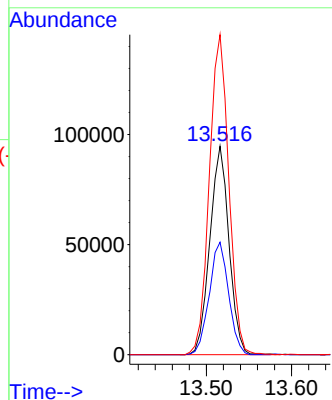
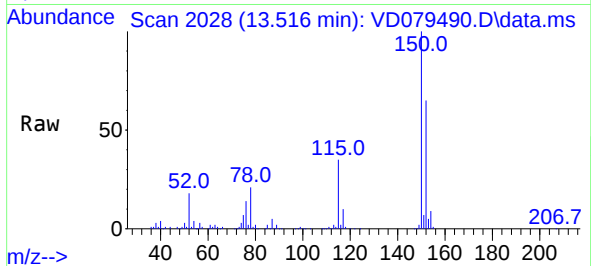




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

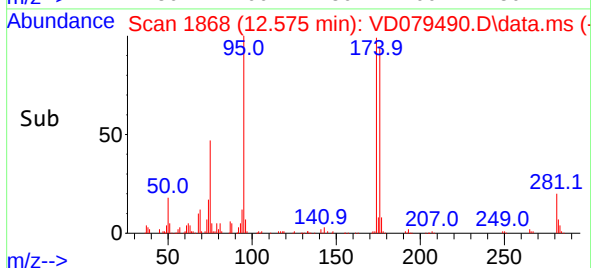
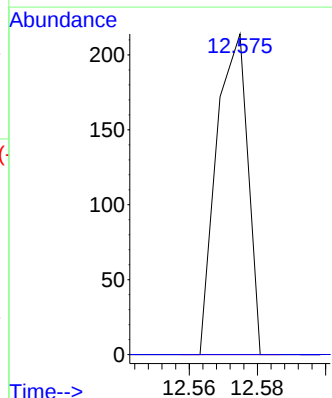
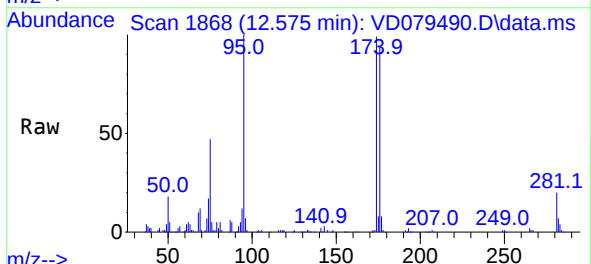
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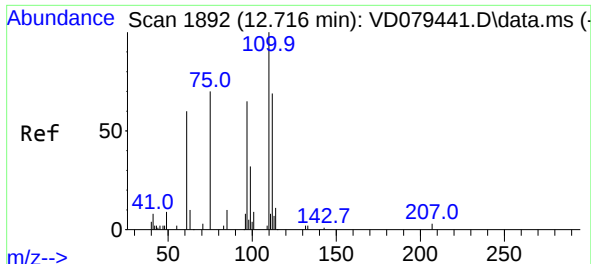
Tgt Ion:152 Resp: 148325
Ion Ratio Lower Upper
152 100
115 54.5 26.5 79.5
150 155.7 0.0 341.6



#73
Isopropylbenzene
Concen: 3.639 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.159 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion:105 Resp: 136
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

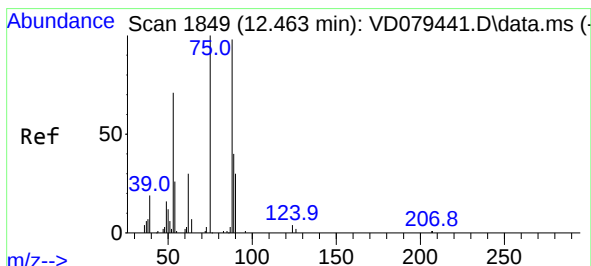
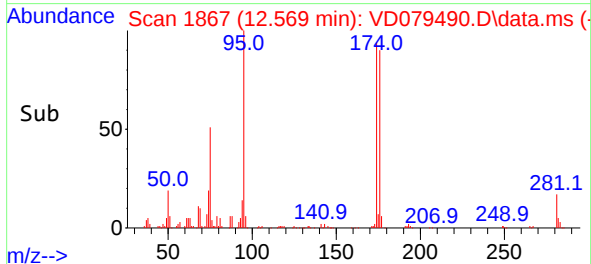
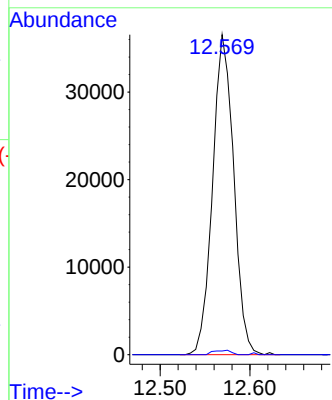
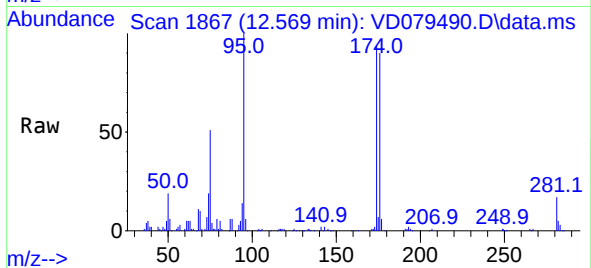




#76
1,2,3-Trichloropropane
Concen: 46.038 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

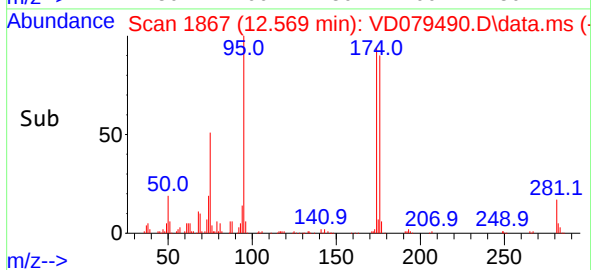
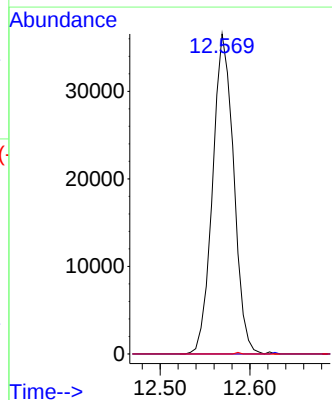
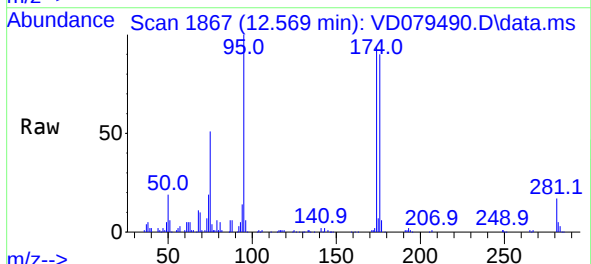
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

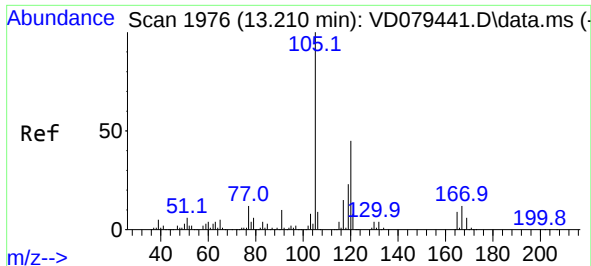
Tgt Ion: 75 Resp: 59689
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.807 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

Tgt Ion: 75 Resp: 59689
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.1 35.4 53.0#

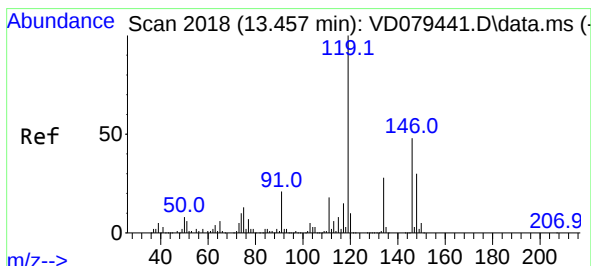
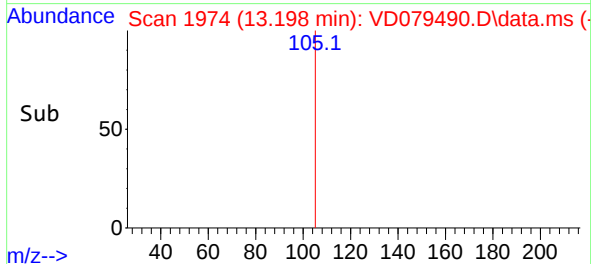
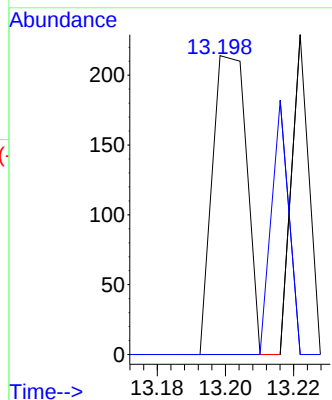
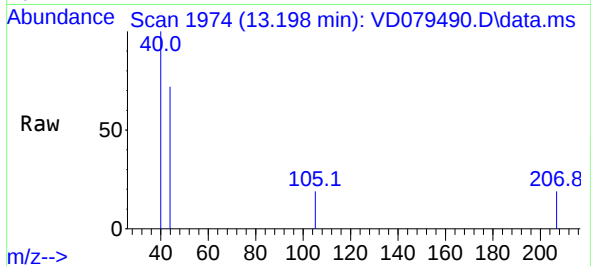




#84
1,2,4-Trimethylbenzene
Concen: 3.444 ug/l
RT: 13.198 min Scan# 1974
Delta R.T. -0.006 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

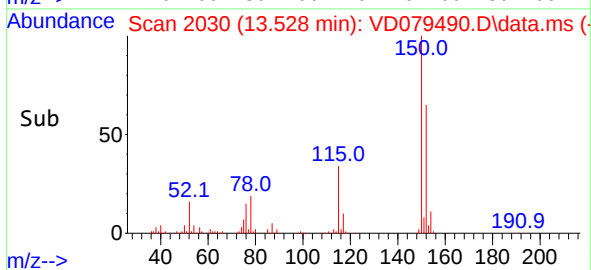
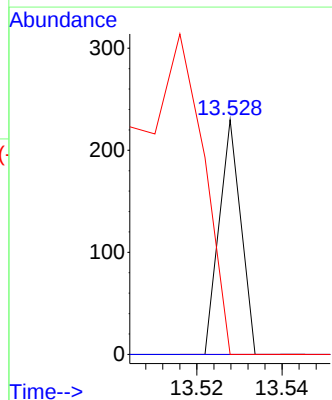
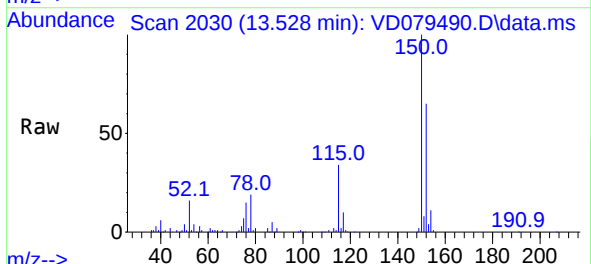
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

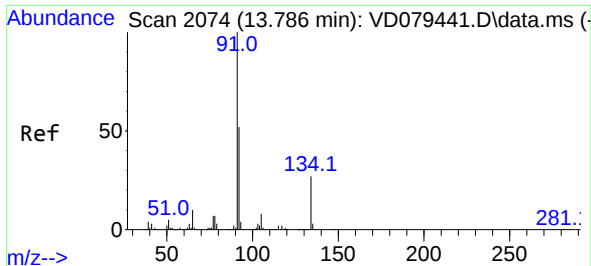
Tgt Ion:105 Resp: 150
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#86
p-Isopropyltoluene
Concen: 3.894 ug/l
RT: 13.528 min Scan# 2030
Delta R.T. 0.071 min
Lab File: VD079490.D
Acq: 31 Jul 2024 12:14

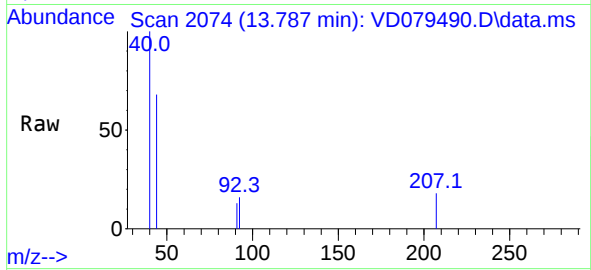
Tgt Ion:119 Resp: 81
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 412.3 10.7 32.1#





#89
 n-Butylbenzene
 Concen: 3.793 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VD079490.D
 Acq: 31 Jul 2024 12:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01



Tgt Ion:	91	Resp:	117
Ion	Ratio	Lower	Upper
91	100		
92	61.5	25.7	77.0
134	0.0	13.6	40.8#

