

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079455.D
 Acq On : 30 Jul 2024 13:35
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-072324

Quant Time: Jul 30 15:42:12 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)

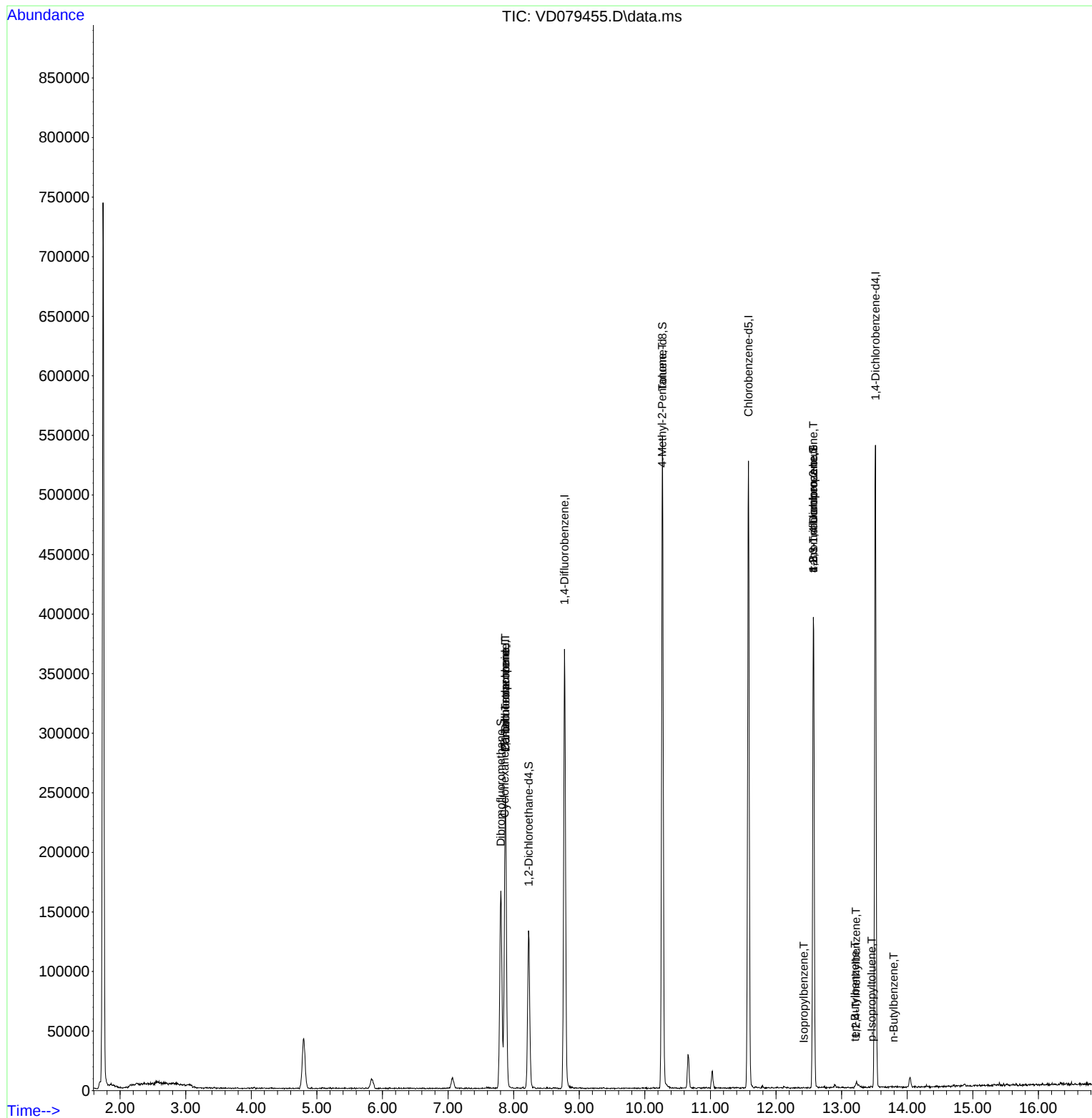
Internal Standards						
1) Pentafluorobenzene	7.875	168	199998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	333625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	321758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99880	49.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.804	113	121177	53.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.269	98	381854	43.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.100%
62) 4-Bromofluorobenzene	12.569	95	117262	46.210	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.420%
Target Compounds						
					Qvalue	
5) Bromomethane	2.716	94	659	Below Cal	#	2
20) Methylene Chloride	4.793	84	33687	Below Cal		94
31) Cyclohexane	7.863	56	4124	1.222	ug/l #	60
36) 1,1-Dichloropropene	7.875	75	15619	5.068	ug/l #	47
38) Carbon Tetrachloride	7.875	117	19198	5.925	ug/l #	19
51) 4-Methyl-2-Pentanone	10.263	43	1613	1.330	ug/l #	1
73) Isopropylbenzene	12.422	105	139	3.639	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	59499	44.211	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	59499	84.322	ug/l #	19
83) tert-Butylbenzene	13.204	119	67	3.635	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.222	105	2318	3.652	ug/l #	47
86) p-Isopropyltoluene	13.457	119	148	3.899	ug/l #	51
89) n-Butylbenzene	13.792	91	293	3.809	ug/l #	54

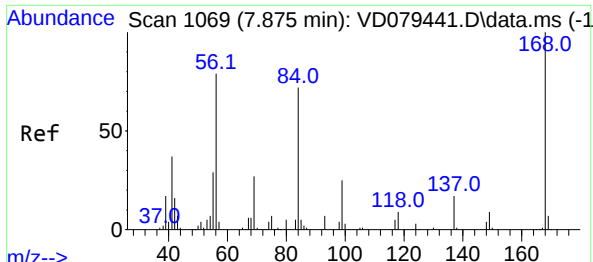
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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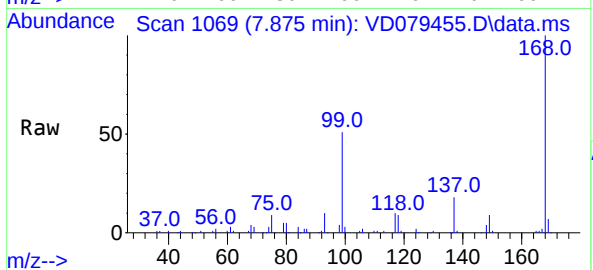
Quant Time: Jul 30 15:42:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



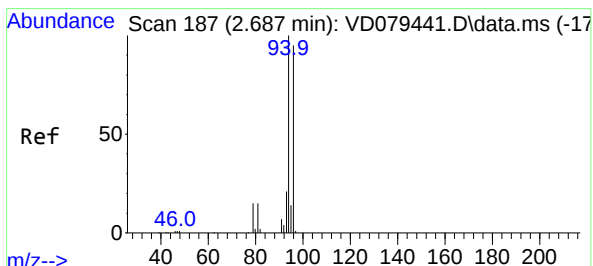
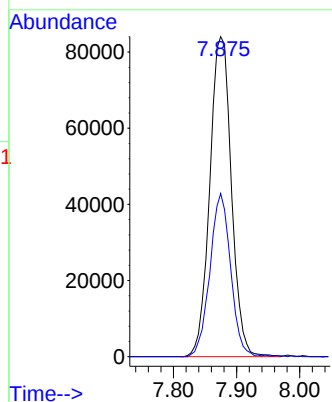
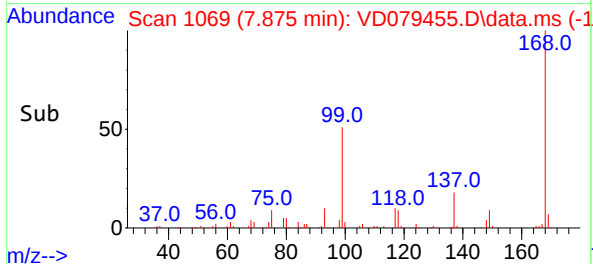


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

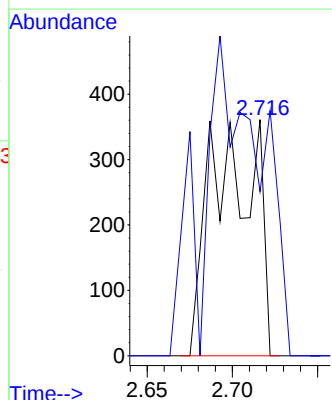
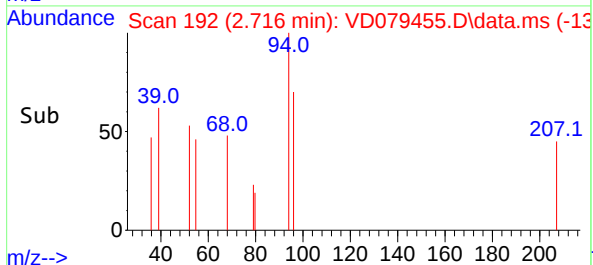
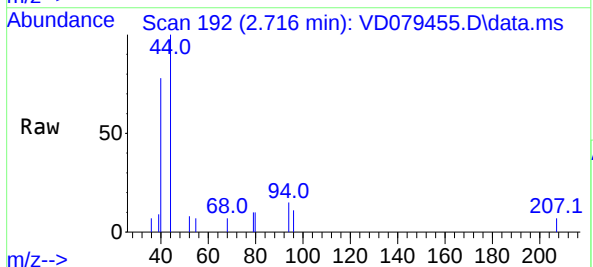


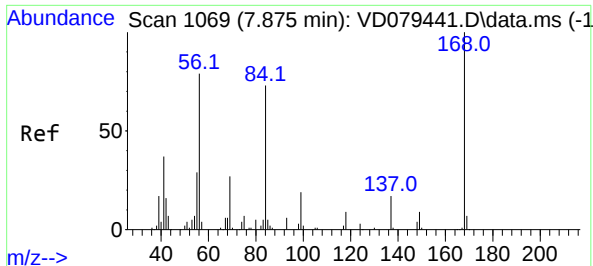
Tgt Ion:168 Resp: 199998
Ion Ratio Lower Upper
168 100
99 51.0 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.716 min Scan# 192
Delta R.T. 0.029 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

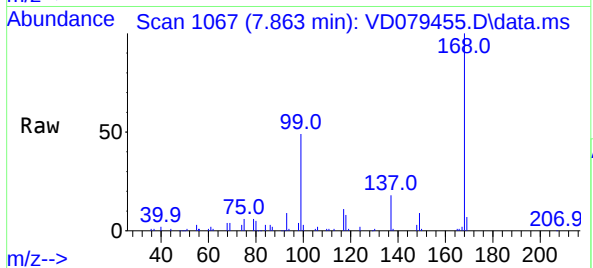
Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



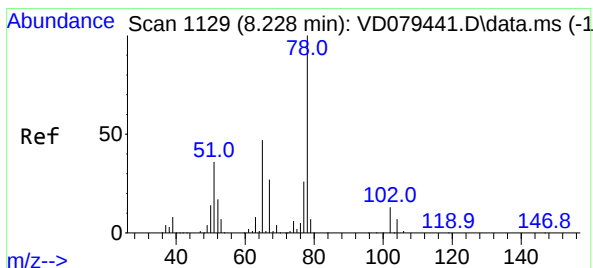
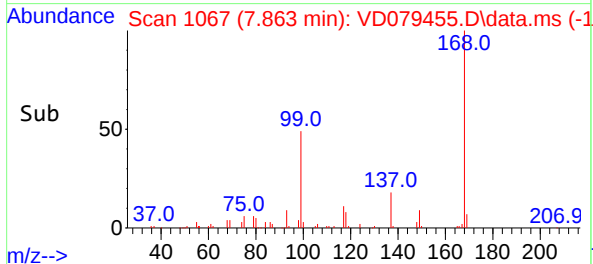
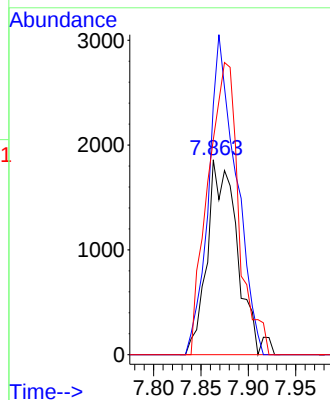


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.018 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

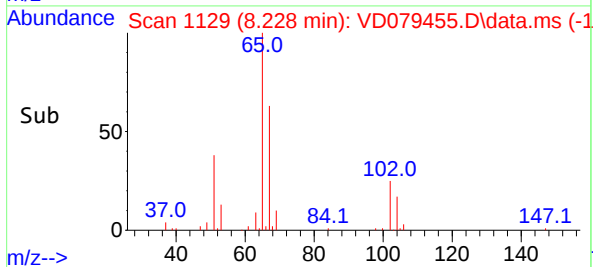
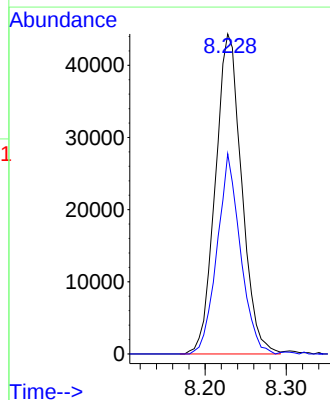
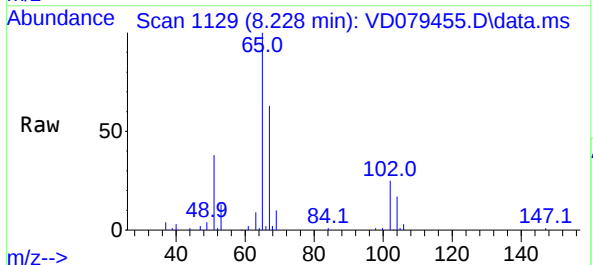


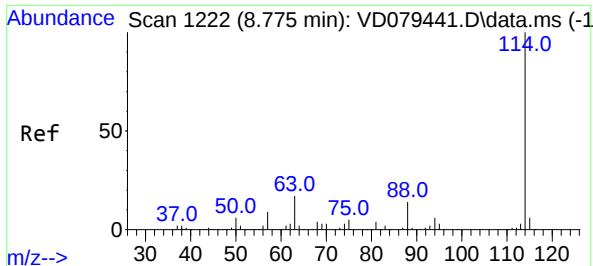
Tgt Ion: 56 Resp: 4124
Ion Ratio Lower Upper
56 100
69 128.2 28.0 42.0#
84 110.4 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 49.159 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion: 65 Resp: 99880
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0

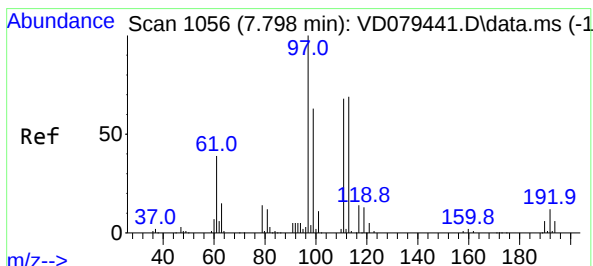
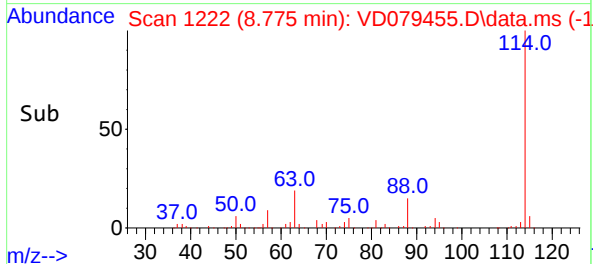
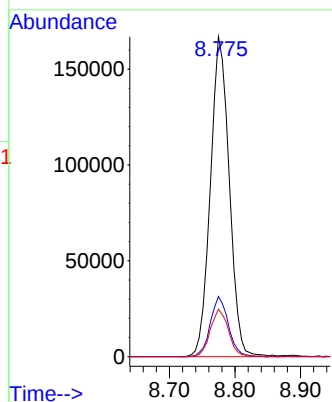
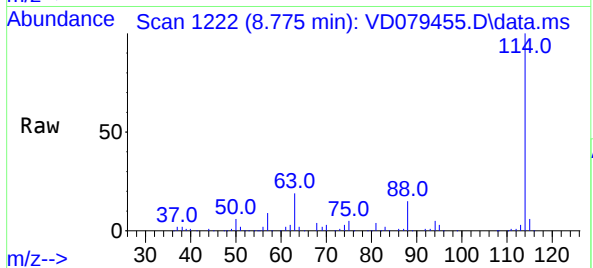




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

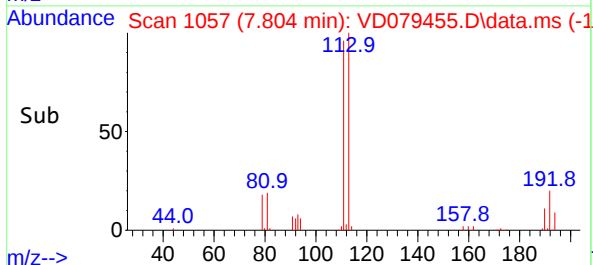
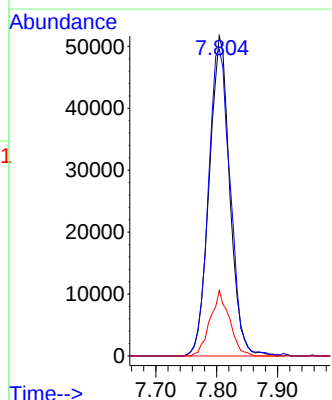
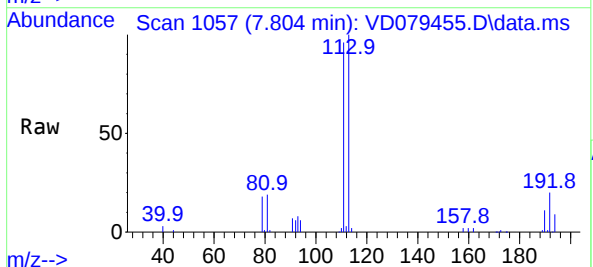
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

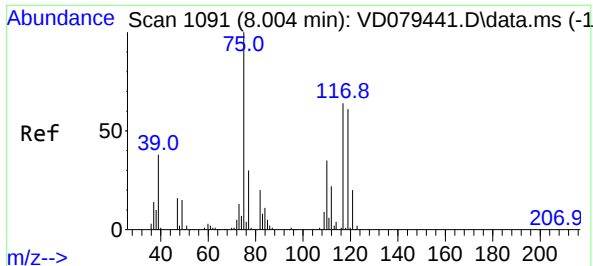
Tgt Ion:114 Resp: 333625
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.663 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion:113 Resp: 121177
Ion Ratio Lower Upper
113 100
111 101.8 84.0 126.0
192 19.2 15.4 23.0

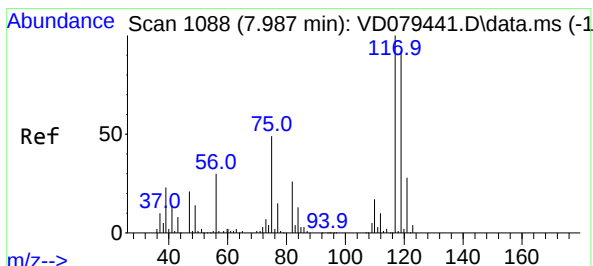
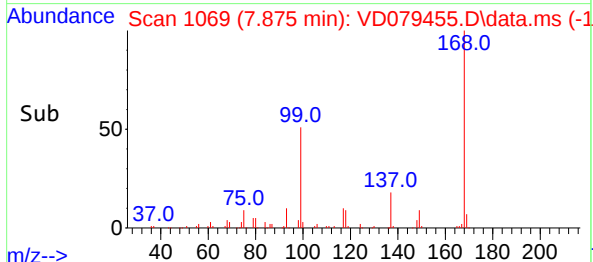
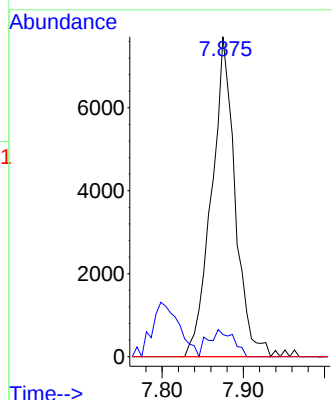
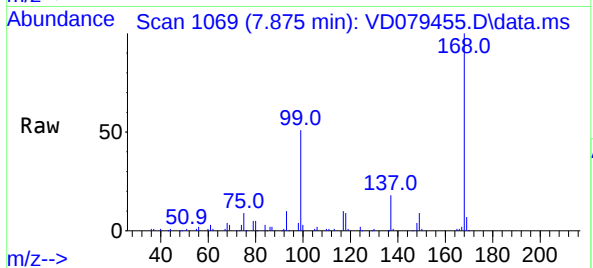




#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

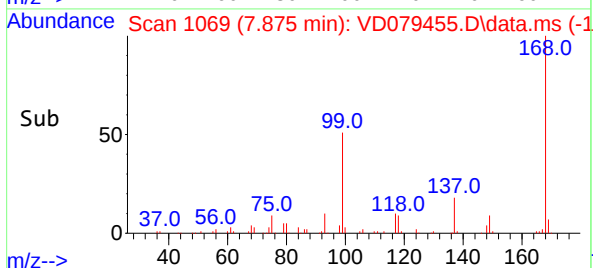
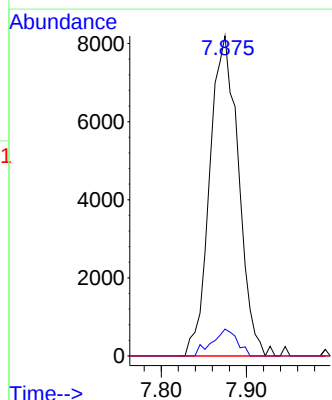
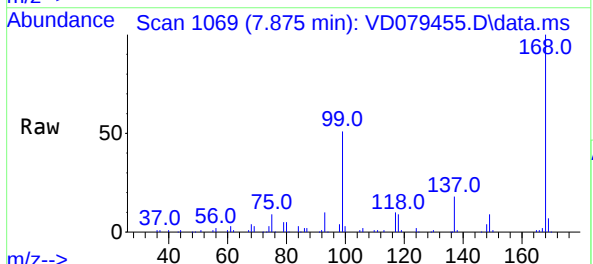
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

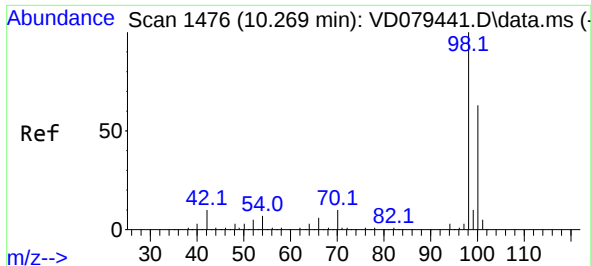
Tgt Ion: 75 Resp: 15619
Ion Ratio Lower Upper
75 100
110 8.9 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion: 117 Resp: 19198
Ion Ratio Lower Upper
117 100
119 8.4 75.4 113.0#
121 0.0 25.0 37.4#

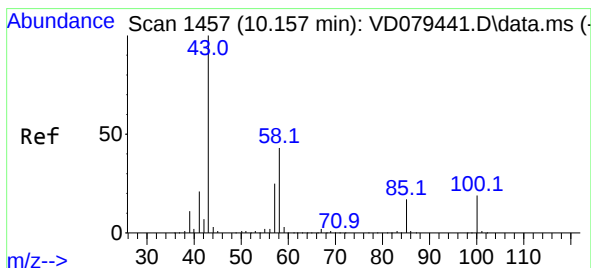
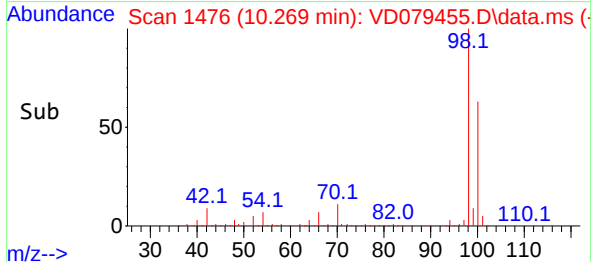
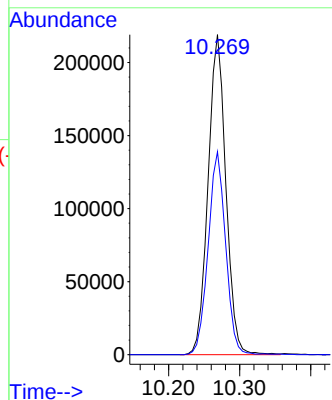
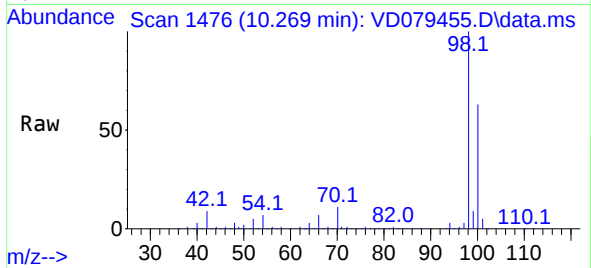




#50
Toluene-d8
Concen: 43.545 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

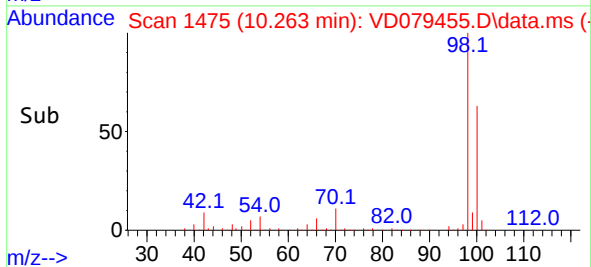
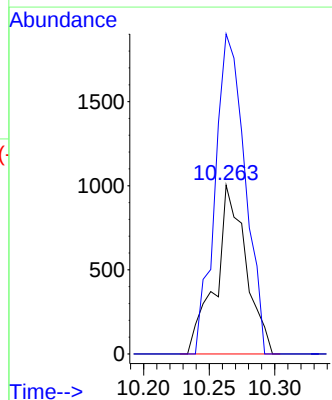
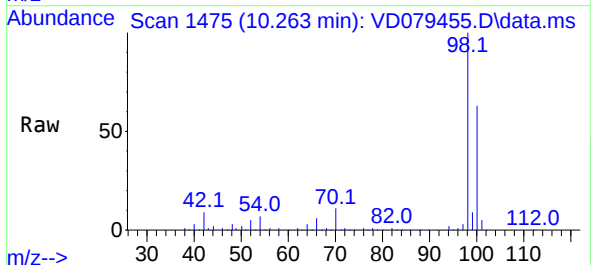
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

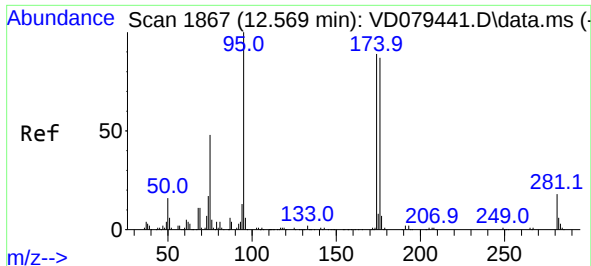
Tgt Ion: 98 Resp: 381854
Ion Ratio Lower Upper
98 100
100 62.2 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.330 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 187.5 36.6 55.0#

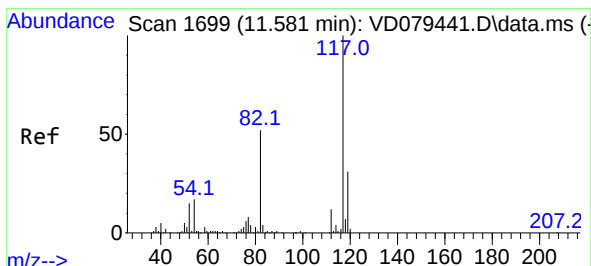
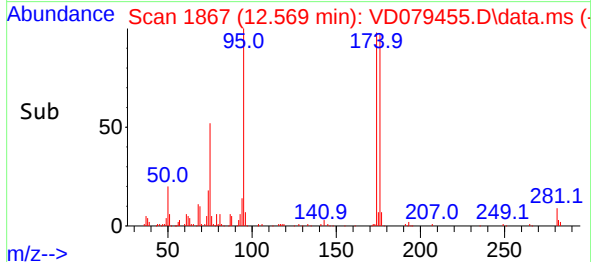
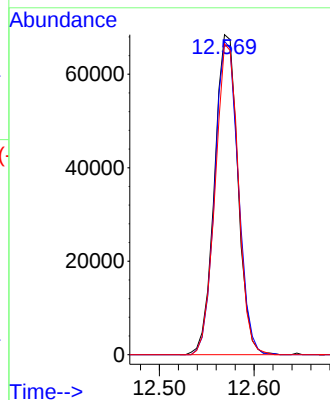
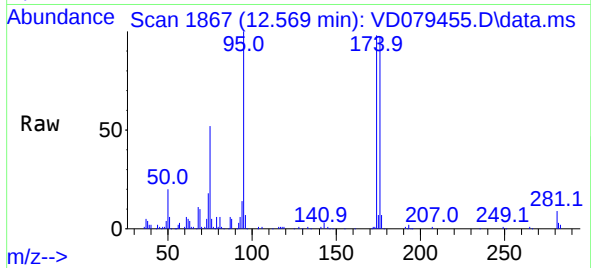




#62
4-Bromofluorobenzene
Concen: 46.210 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

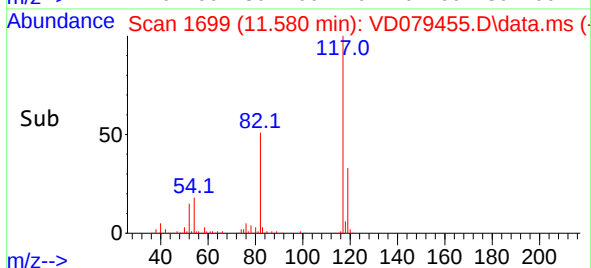
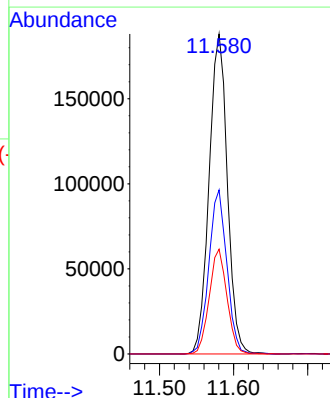
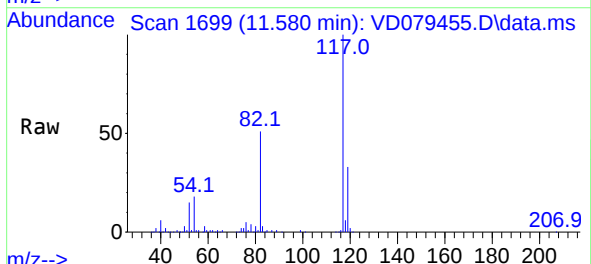
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AU-05-072324

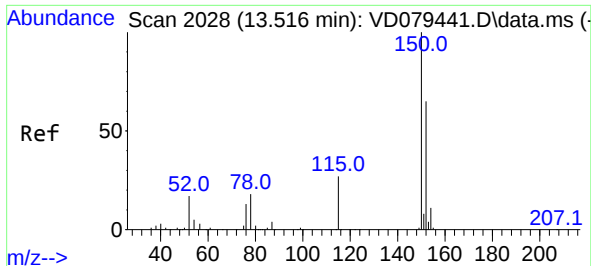
Tgt Ion: 95 Resp: 117262
Ion Ratio Lower Upper
95 100
174 98.1 0.0 195.4
176 95.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

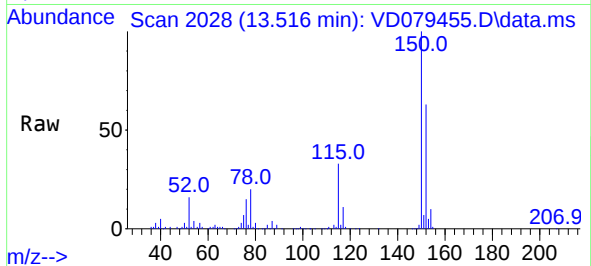
Tgt Ion: 117 Resp: 321758
Ion Ratio Lower Upper
117 100
82 51.2 39.8 59.6
119 32.7 25.7 38.5



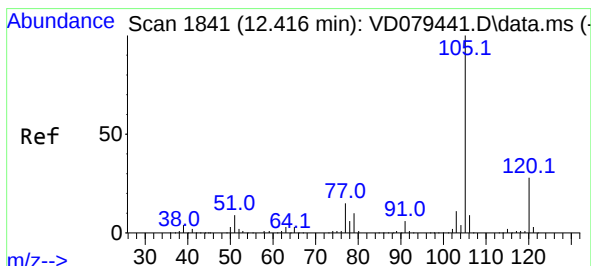
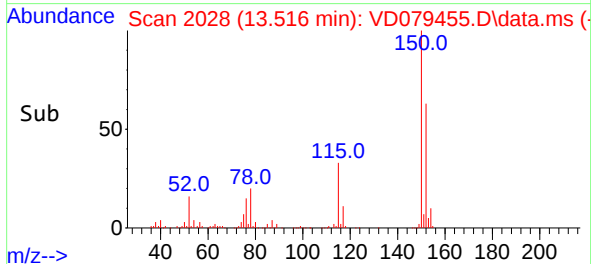
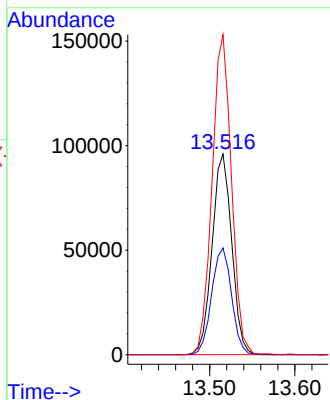


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Instrument :
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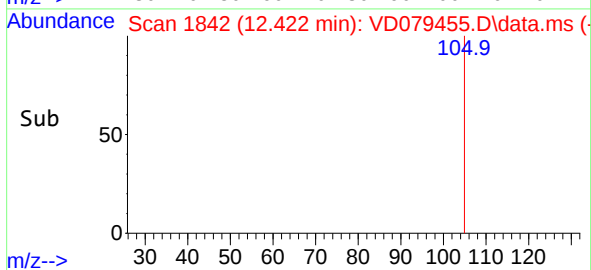
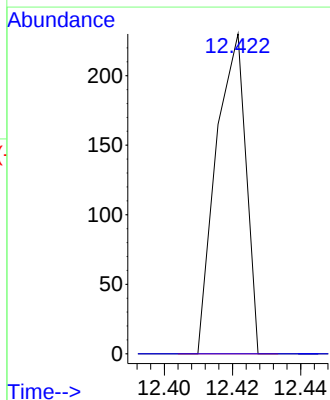
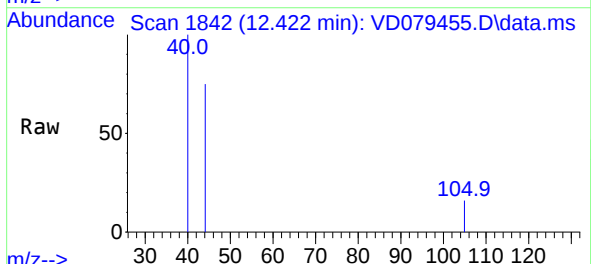


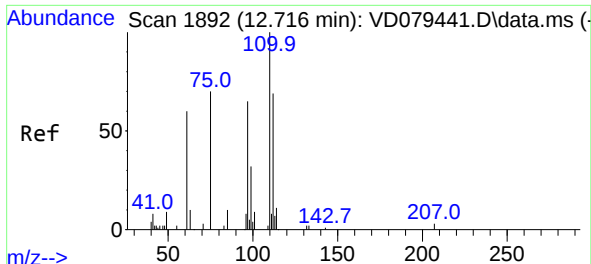
Tgt Ion:152 Resp: 153965
Ion Ratio Lower Upper
152 100
115 54.0 26.5 79.5
150 157.2 0.0 341.6



#73
Isopropylbenzene
Concen: 3.639 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion:105 Resp: 139
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

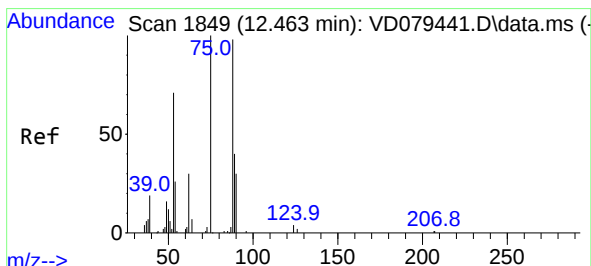
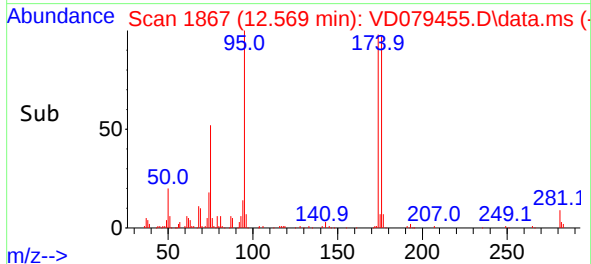
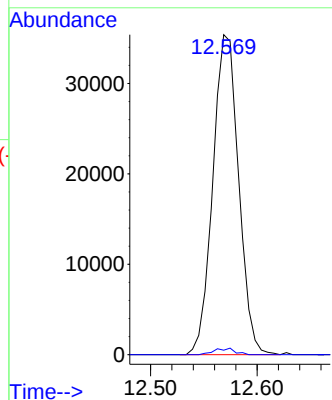
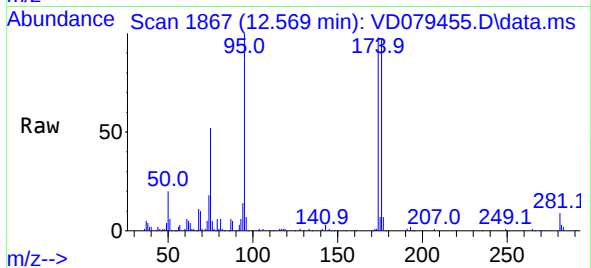




#76
1,2,3-Trichloropropane
Concen: 44.211 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

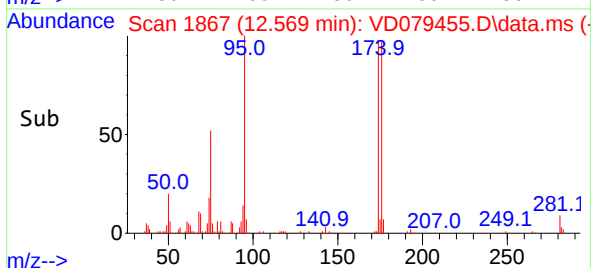
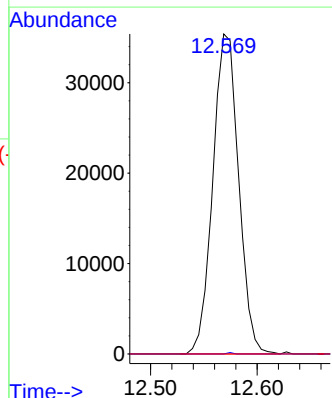
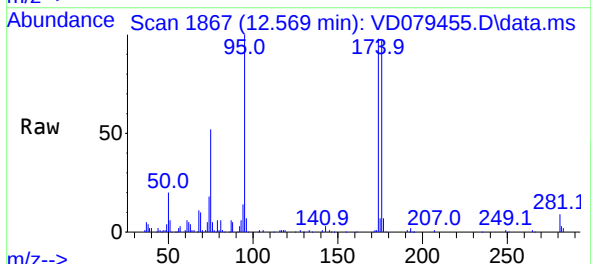
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

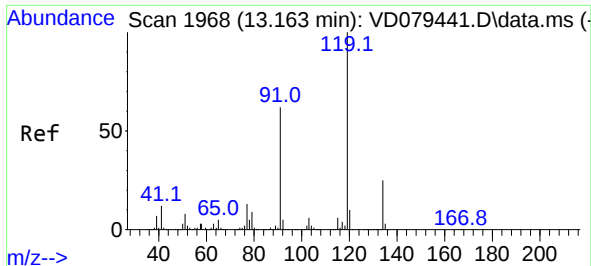
Tgt Ion: 75 Resp: 59499
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.322 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion: 75 Resp: 59499
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#

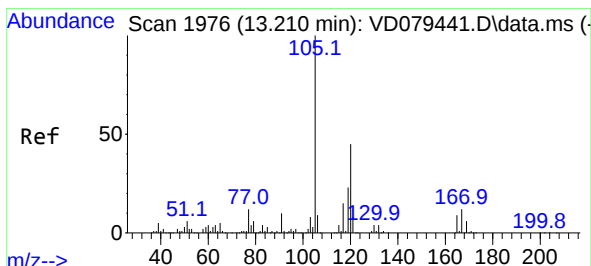
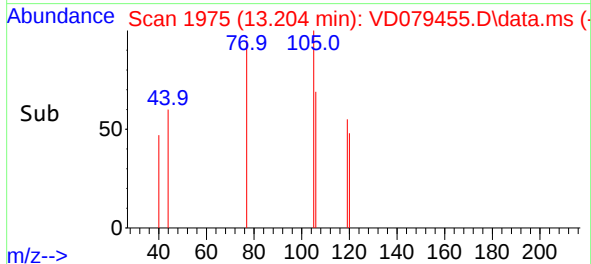
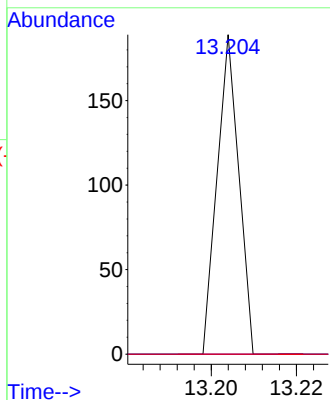
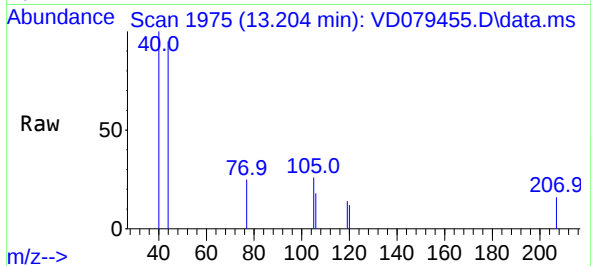




#83
tert-Butylbenzene
Concen: 3.635 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.041 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

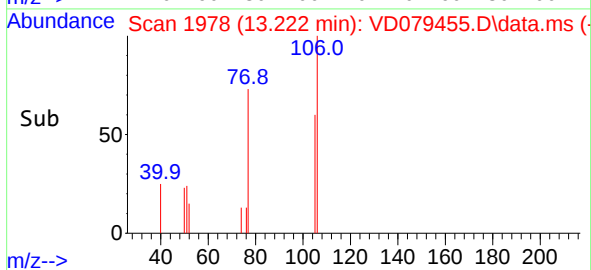
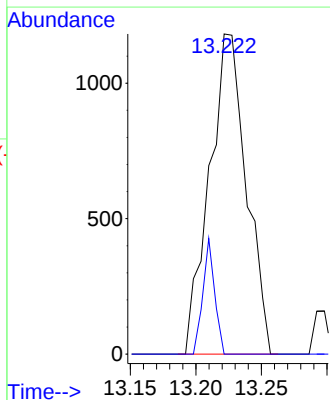
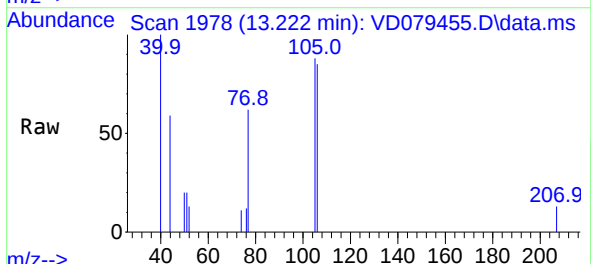
Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

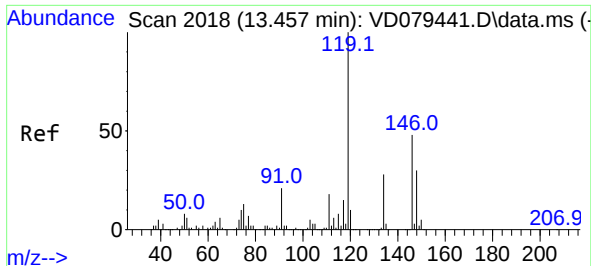
Tgt Ion:	119	Resp:	67
Ion	Ratio	Lower	Upper
119	100		
91	0.0	28.2	84.7#
134	0.0	13.4	40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.652 ug/l
RT: 13.222 min Scan# 1978
Delta R.T. 0.018 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion:	105	Resp:	2318
Ion	Ratio	Lower	Upper
105	100		
120	11.6	23.6	71.0#

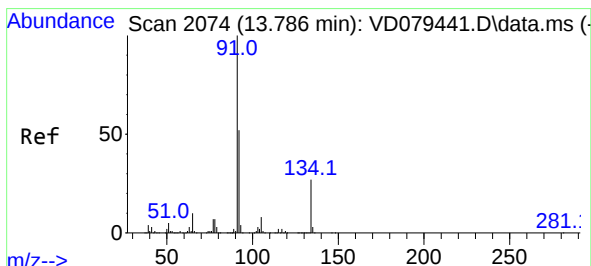
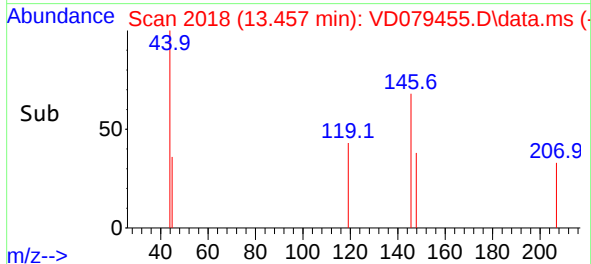
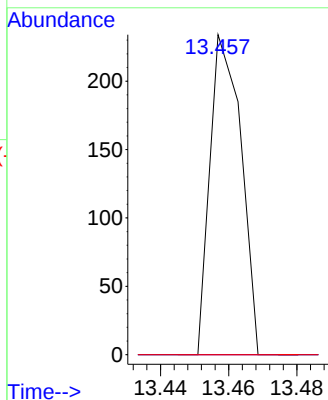
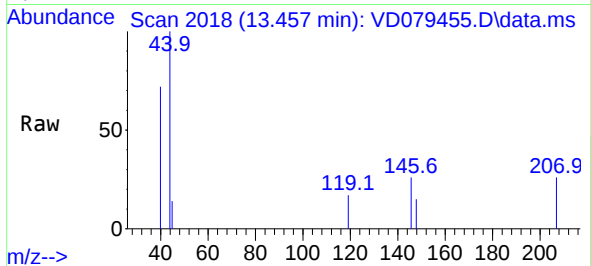




#86
p-Isopropyltoluene
Concen: 3.899 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324

Tgt Ion:	119	Resp:	148
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.7	41.1#
91	0.0	10.7	32.1#



#89
n-Butylbenzene
Concen: 3.809 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.011 min
Lab File: VD079455.D
Acq: 30 Jul 2024 13:35

Tgt Ion:	91	Resp:	293
Ion	Ratio	Lower	Upper
91	100		
92	21.2	25.7	77.0#
134	0.0	13.6	40.8#

