

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079452.D
 Acq On : 30 Jul 2024 12:13
 Operator : RP/MD
 Sample : P3367-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-07252024

Quant Time: Jul 30 15:41:47 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)

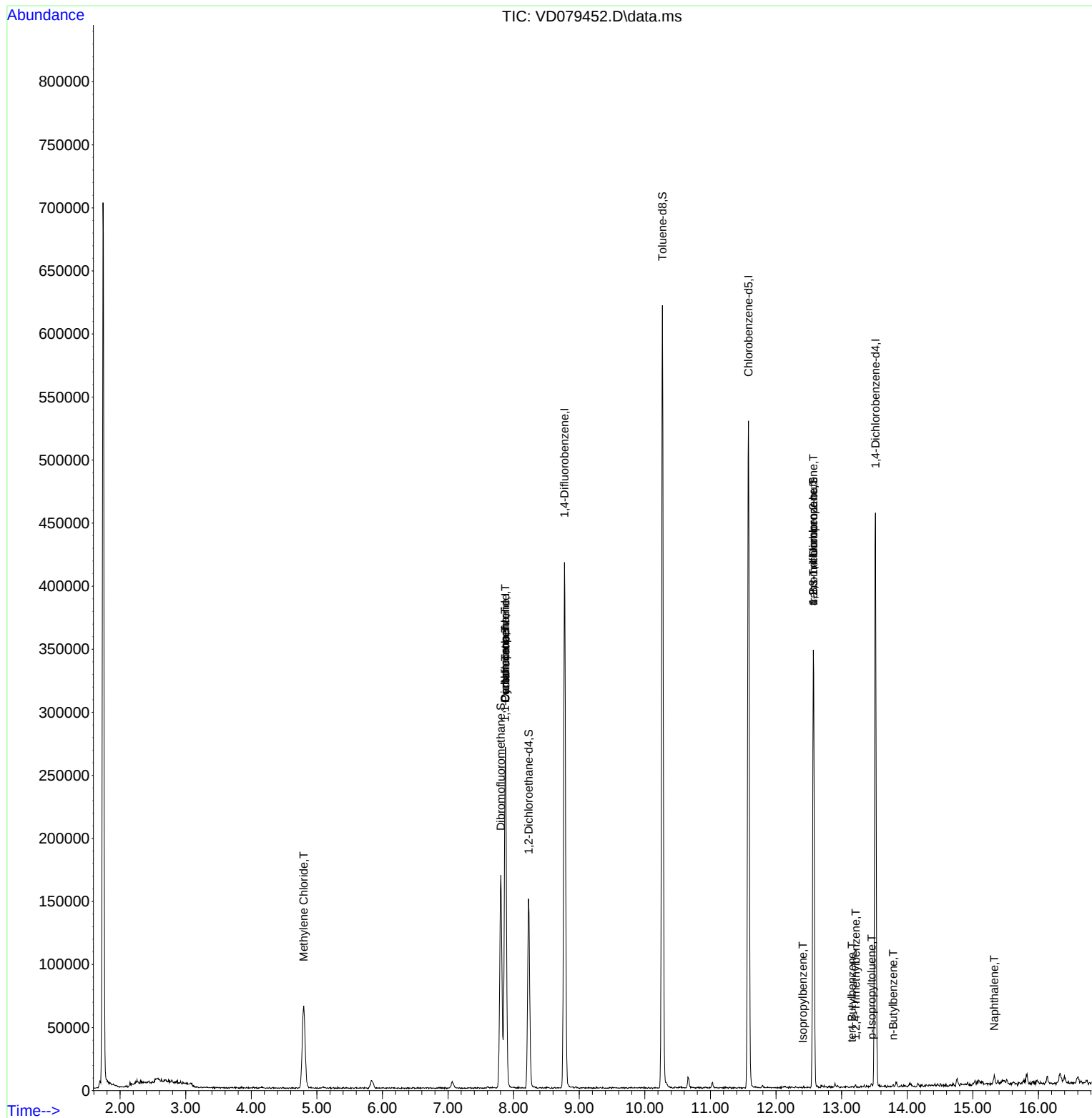
Internal Standards						
1) Pentafluorobenzene	7.875	168	218140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	381249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113950	51.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.840%			
35) Dibromofluoromethane	7.804	113	122582	47.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.000%			
50) Toluene-d8	10.269	98	442253	44.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.260%			
62) 4-Bromofluorobenzene	12.569	95	104776	36.131	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 72.260%			
Target Compounds						
5) Bromomethane	2.705	94	974	Below Cal		84
20) Methylene Chloride	4.799	84	53481	1.288	ug/l	88
31) Cyclohexane	7.875	56	4645	1.262	ug/l #	50
36) 1,1-Dichloropropene	7.869	75	16266	4.618	ug/l #	47
38) Carbon Tetrachloride	7.875	117	21384	5.776	ug/l #	17
73) Isopropylbenzene	12.410	105	279	3.654	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	55480	49.154	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	55480	93.749	ug/l #	19
83) tert-Butylbenzene	13.157	119	328	3.671	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.216	105	1132	3.559	ug/l	97
86) p-Isopropyltoluene	13.457	119	618	3.949	ug/l #	72
89) n-Butylbenzene	13.786	91	1025	3.896	ug/l #	59
95) Naphthalene	15.328	128	6103	1.460	ug/l	98

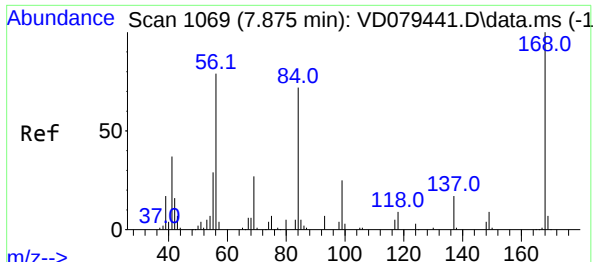
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079452.D
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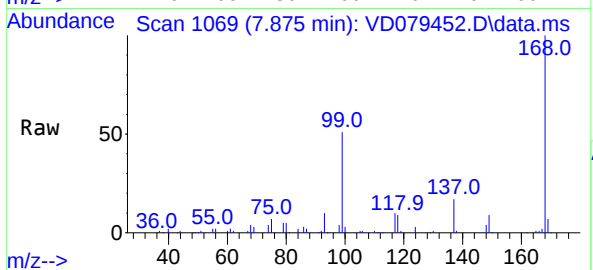
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



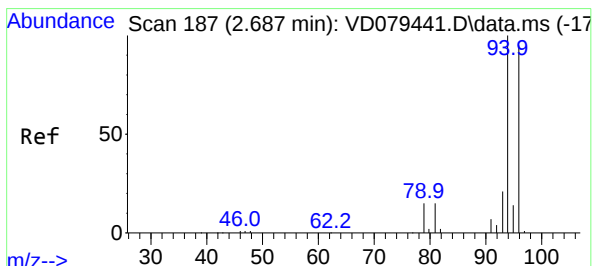
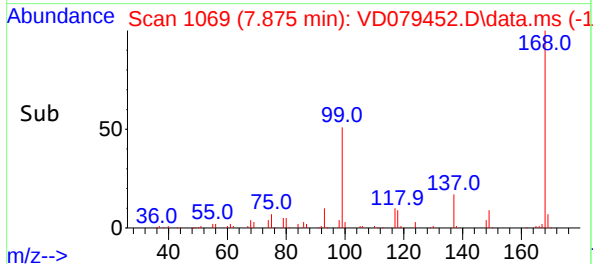
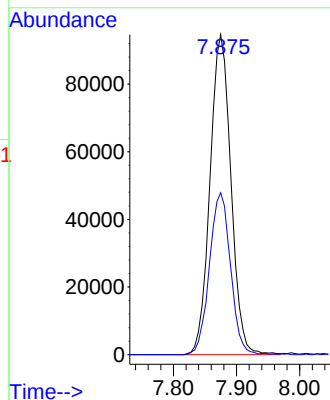


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

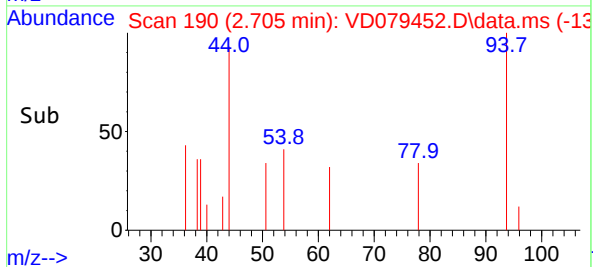
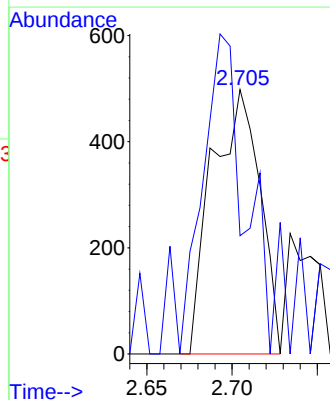
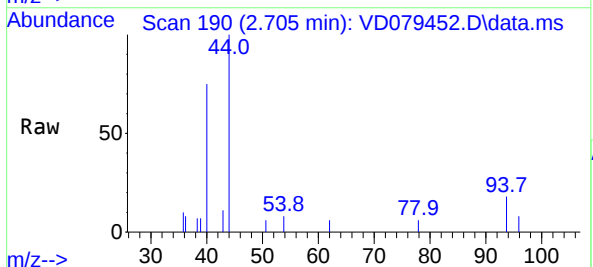


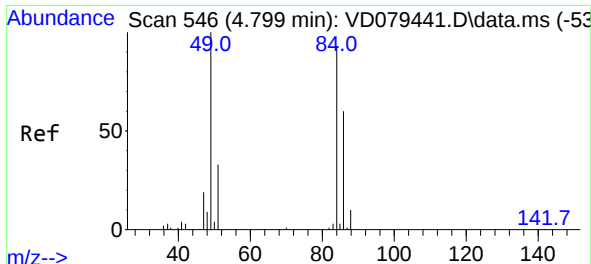
Tgt Ion:168 Resp: 218140
Ion Ratio Lower Upper
168 100
99 50.6 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

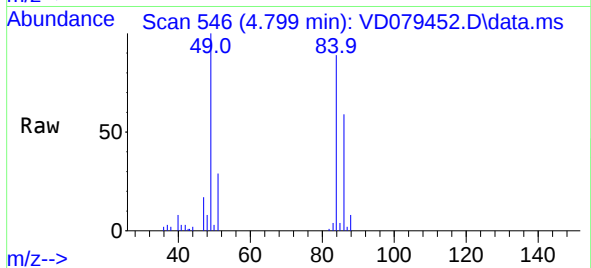
Tgt Ion: 94 Resp: 974
Ion Ratio Lower Upper
94 100
96 112.2 76.9 115.3





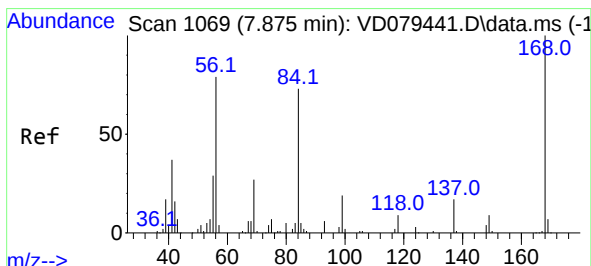
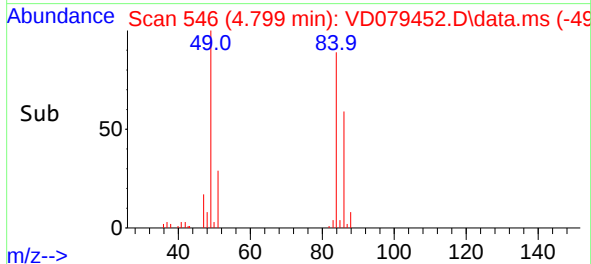
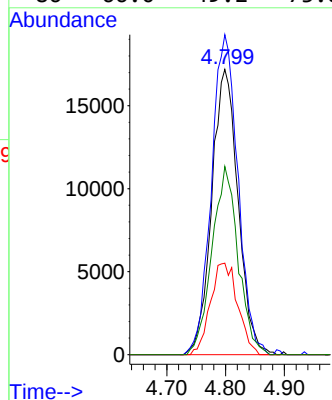
#20
Methylene Chloride
Concen: 1.288 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024



Tgt Ion: 84 Resp: 53481

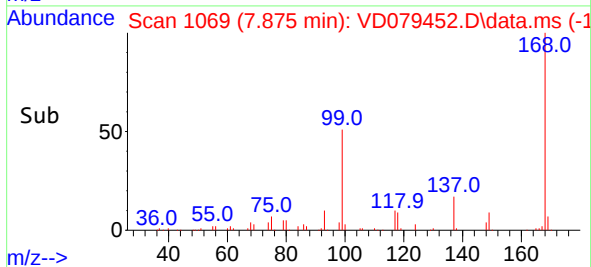
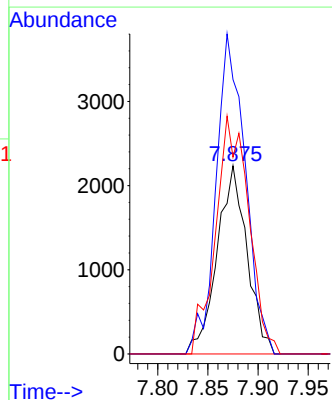
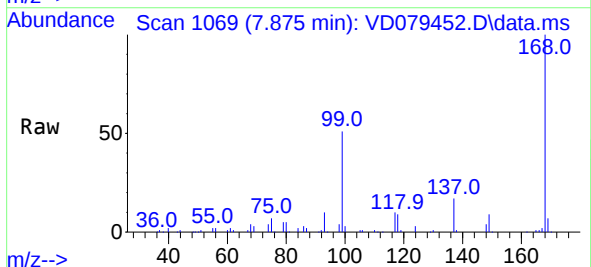
Ion	Ratio	Lower	Upper
84	100		
49	112.1	75.6	113.4
51	32.1	24.2	36.2
86	66.0	49.2	73.8

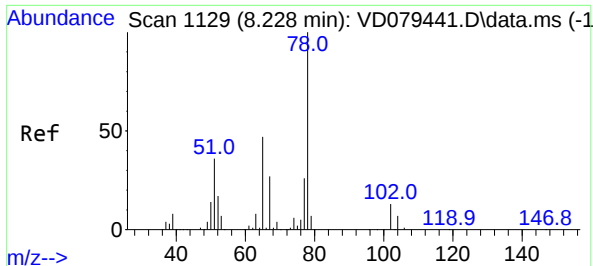


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion: 56 Resp: 4645

Ion	Ratio	Lower	Upper
56	100		
69	145.9	28.0	42.0#
84	104.6	87.4	131.0

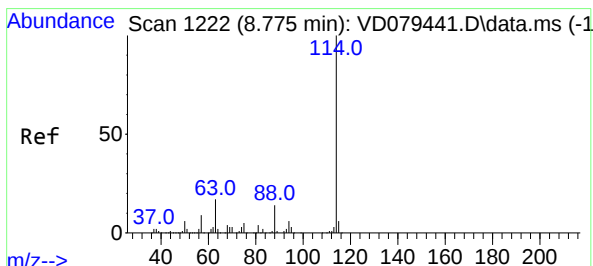
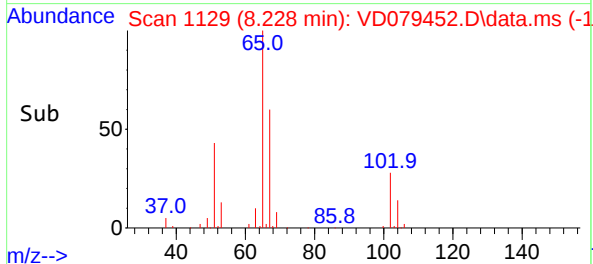
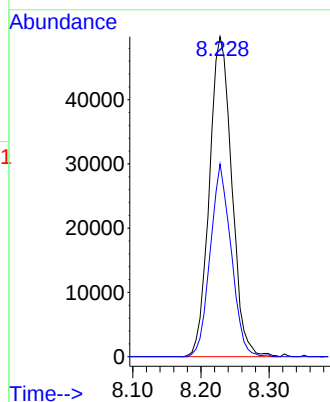
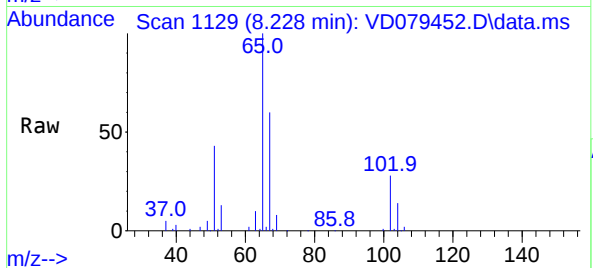




#33
1,2-Dichloroethane-d4
Concen: 51.419 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

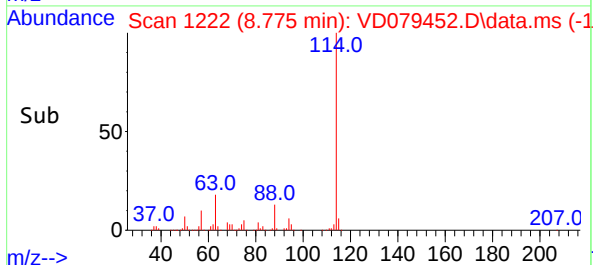
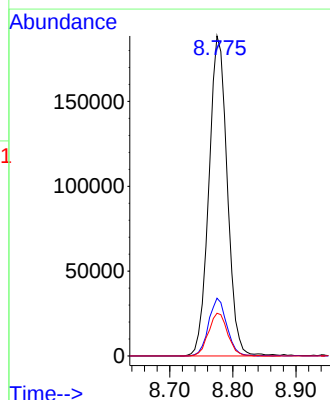
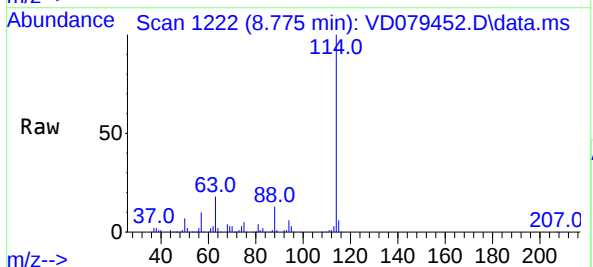
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

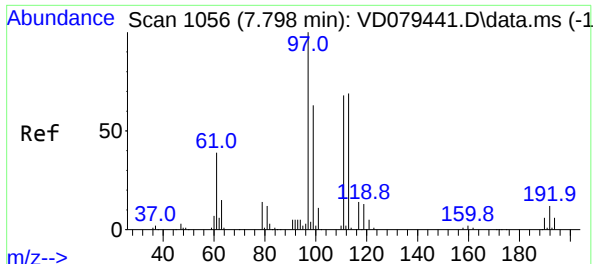
Tgt Ion: 65 Resp: 113950
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion:114 Resp: 381249
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.0
88 13.4 0.0 27.2

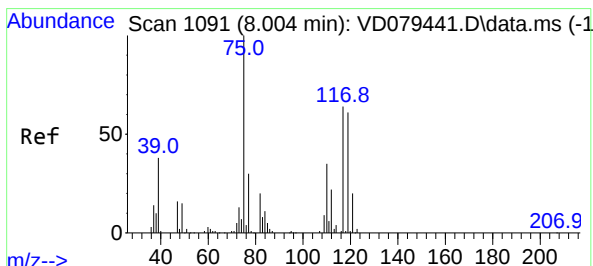
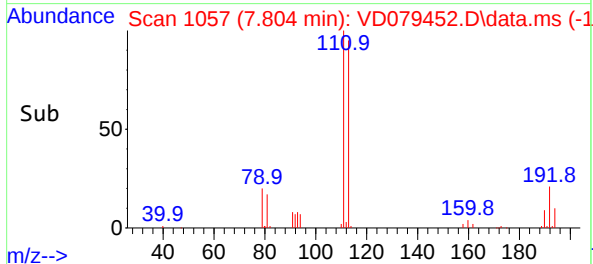
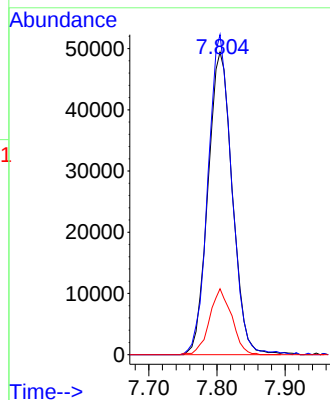
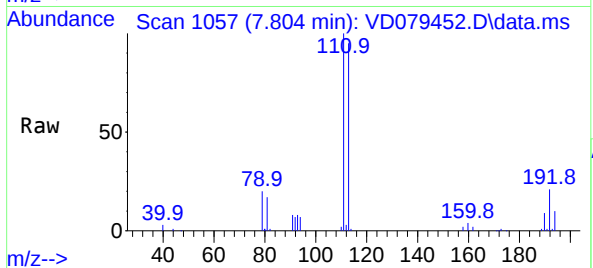




#35
Dibromofluoromethane
Concen: 47.504 ug/l
RT: 7.804 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

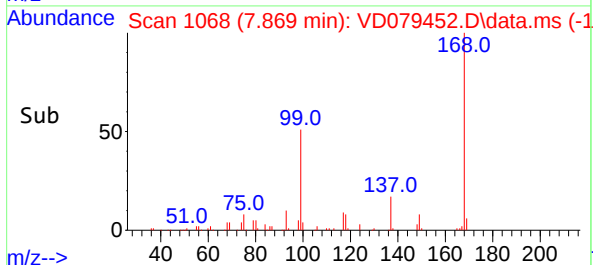
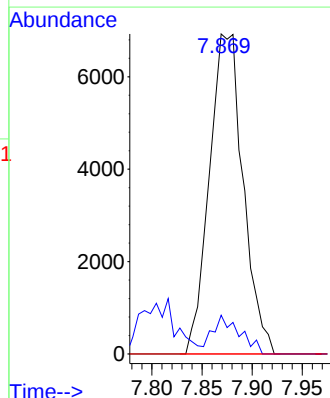
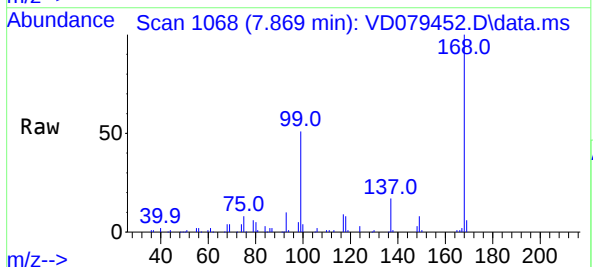
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

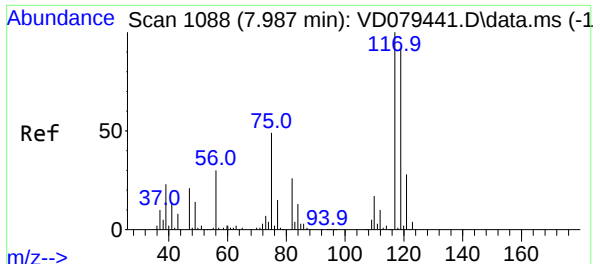
Tgt Ion:113 Resp: 122582
Ion Ratio Lower Upper
113 100
111 103.0 84.0 126.0
192 19.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

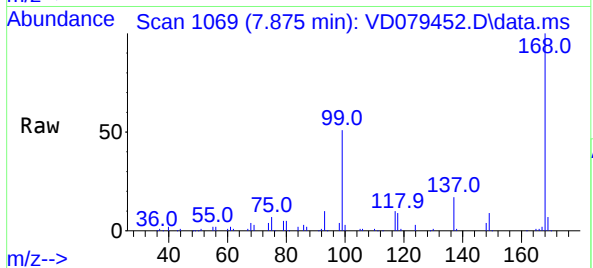
Tgt Ion: 75 Resp: 16266
Ion Ratio Lower Upper
75 100
110 9.5 19.6 58.7#
77 0.0 26.1 39.1#



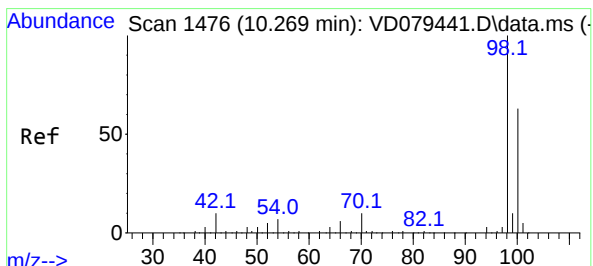
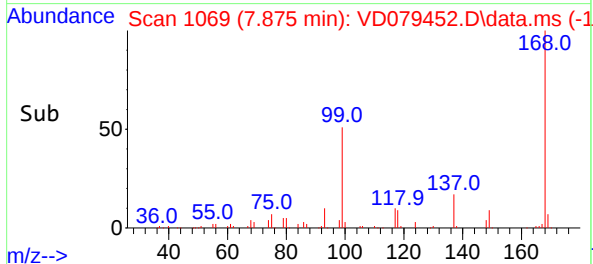
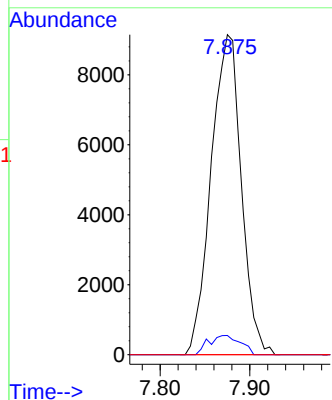


#38
Carbon Tetrachloride
Concen: 5.776 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

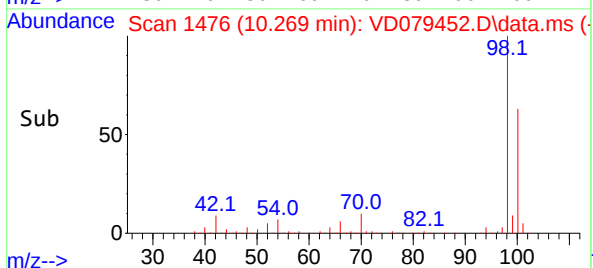
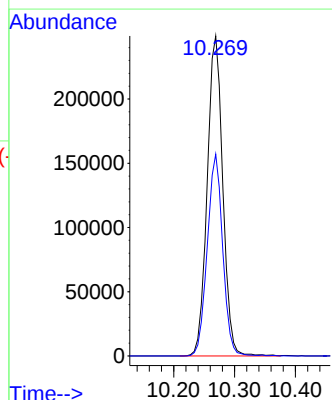
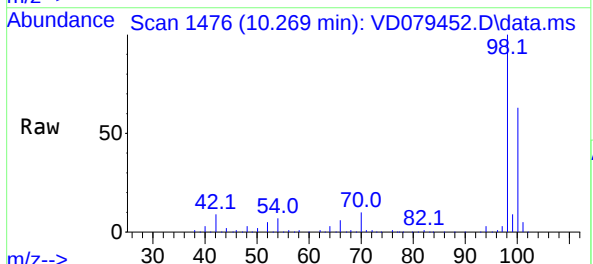


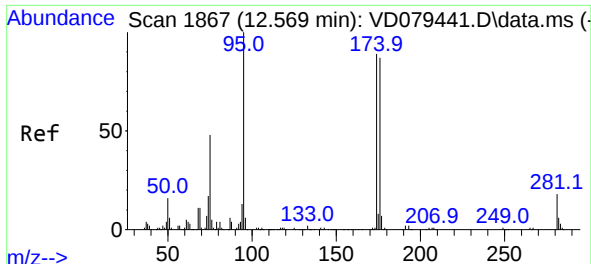
Tgt Ion:117 Resp: 21384
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 44.133 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion: 98 Resp: 442253
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4

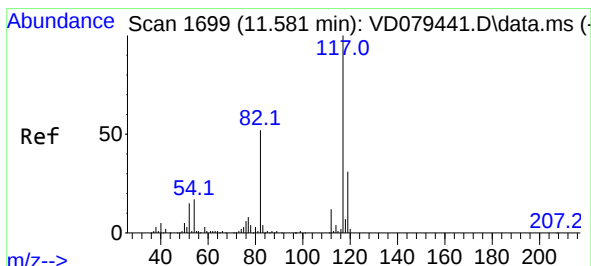
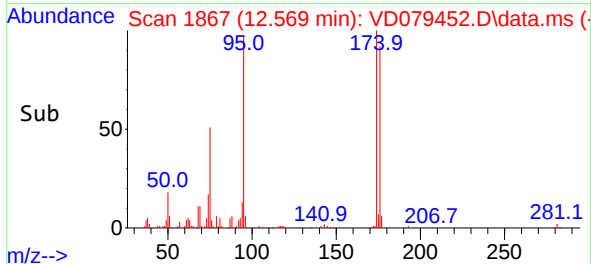
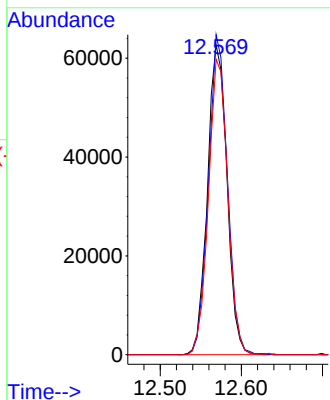
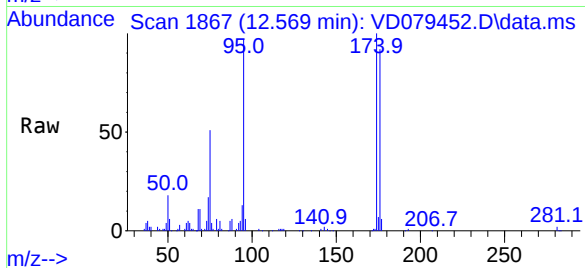




#62
4-Bromofluorobenzene
Concen: 36.131 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

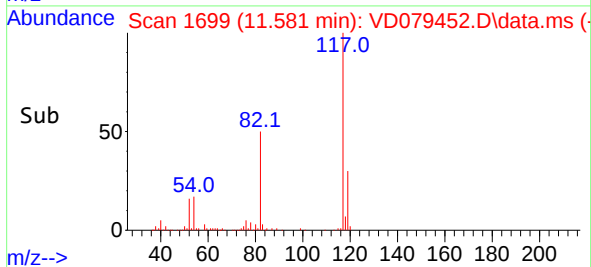
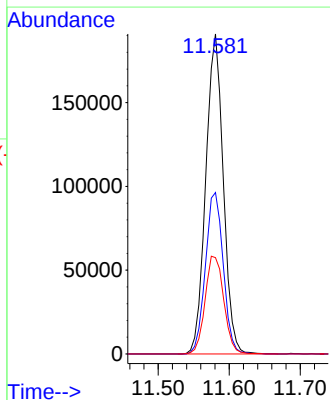
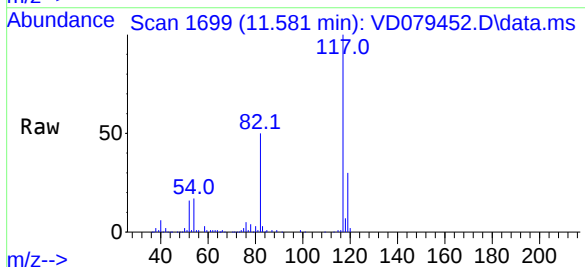
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ClientSampleId :
TR-06-07252024

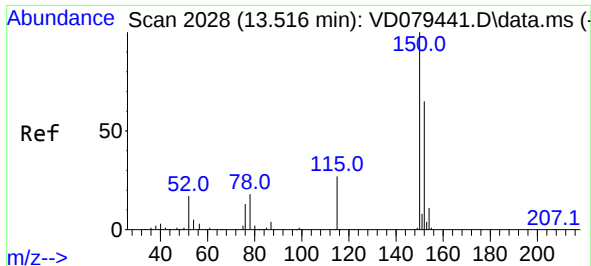
Tgt Ion: 95 Resp: 104776
Ion Ratio Lower Upper
95 100
174 100.1 0.0 195.4
176 94.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion: 117 Resp: 327534
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 30.1 25.7 38.5

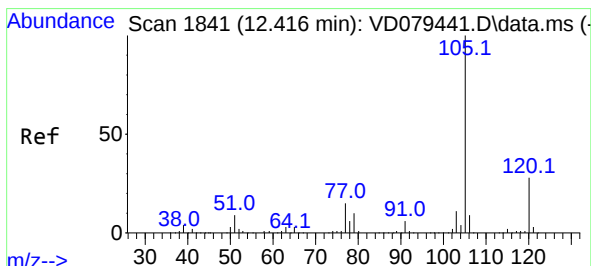
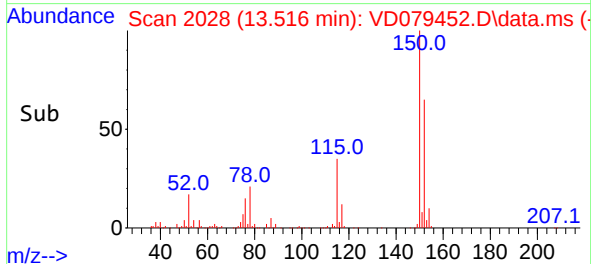
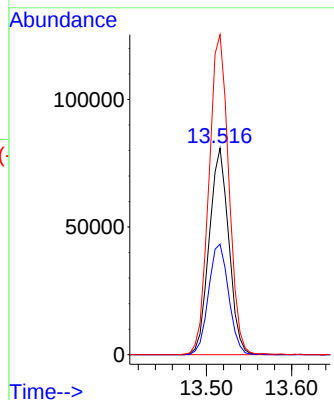
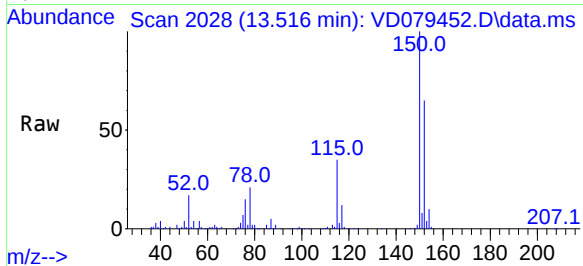




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

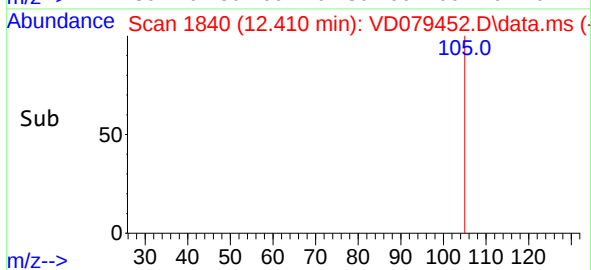
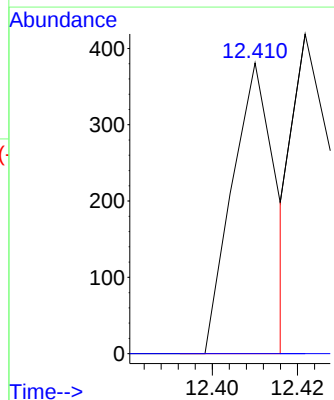
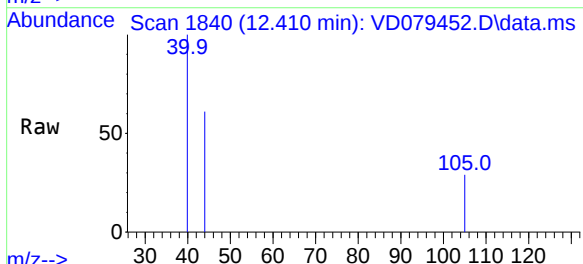
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

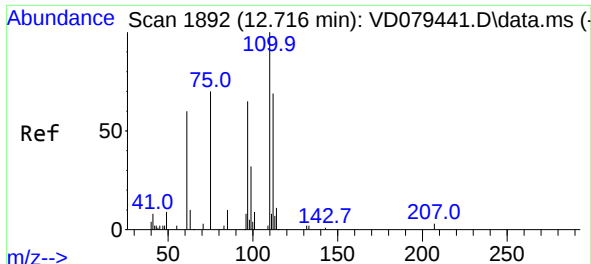
Tgt Ion:152 Resp: 129128
Ion Ratio Lower Upper
152 100
115 55.0 26.5 79.5
150 157.2 0.0 341.6



#73
Isopropylbenzene
Concen: 3.654 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion:105 Resp: 279
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

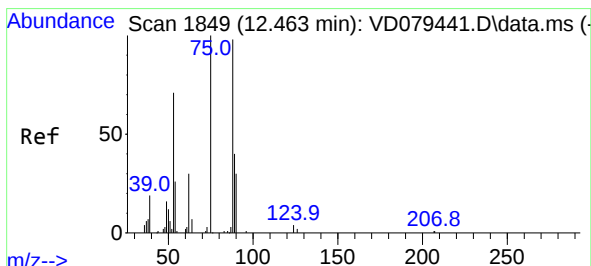
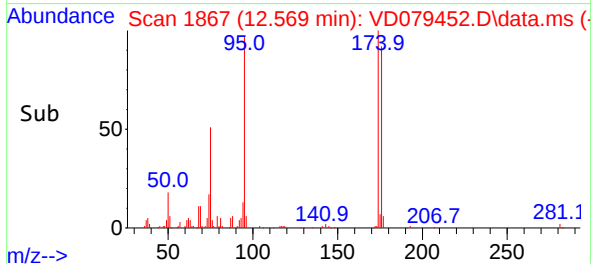
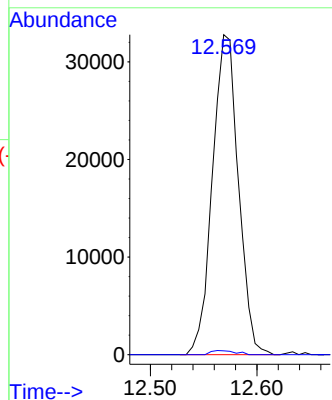
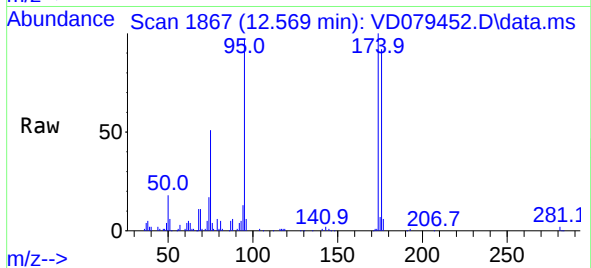




#76
1,2,3-Trichloropropane
Concen: 49.154 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

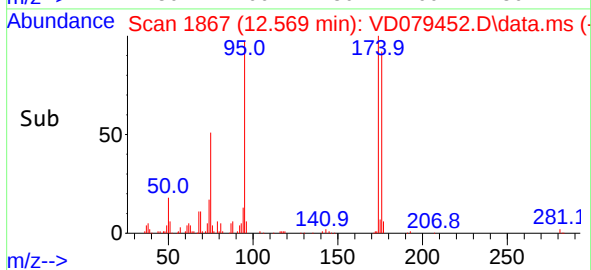
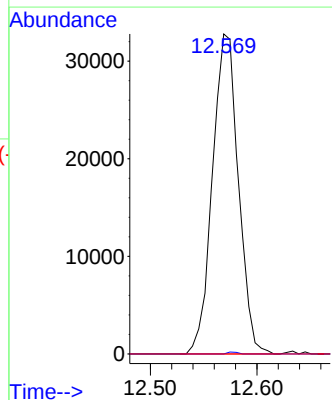
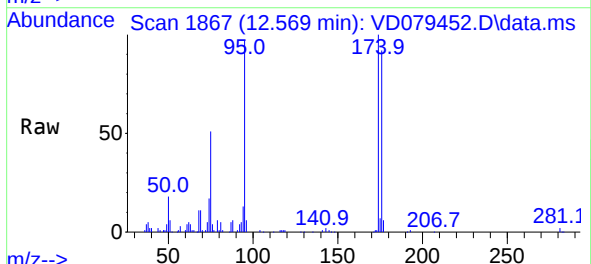
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

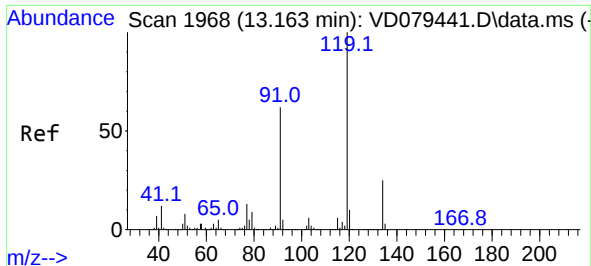
Tgt Ion: 75 Resp: 55480
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.749 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion: 75 Resp: 55480
Ion Ratio Lower Upper
75 100
53 0.2 61.4 92.2#
89 0.0 35.4 53.0#

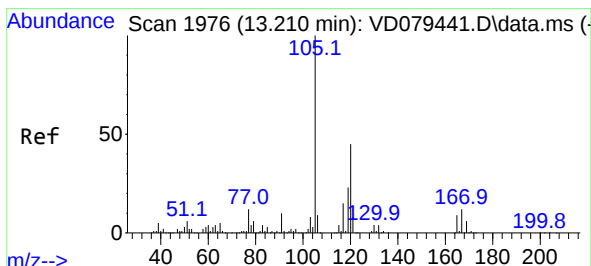
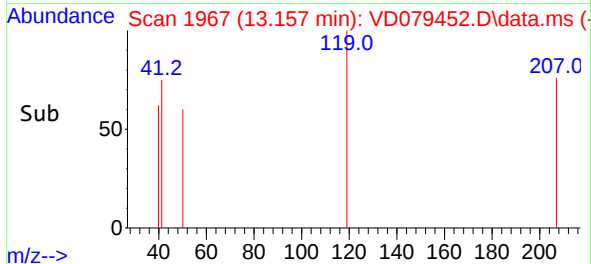
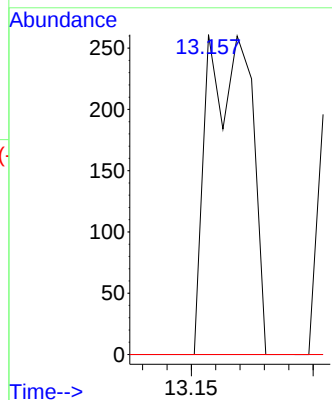
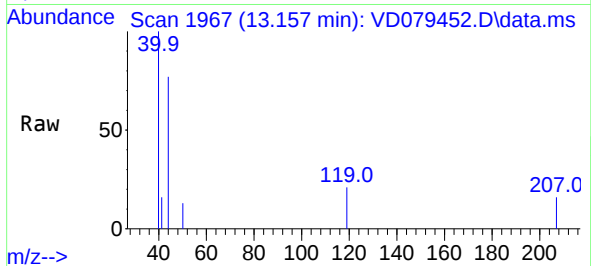




#83
tert-Butylbenzene
Concen: 3.671 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

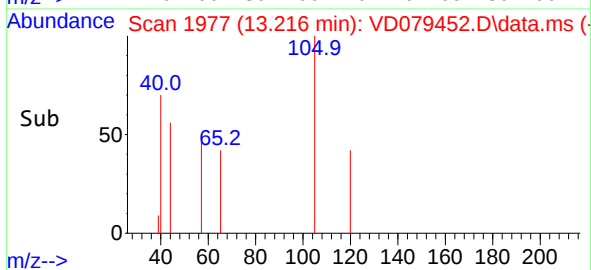
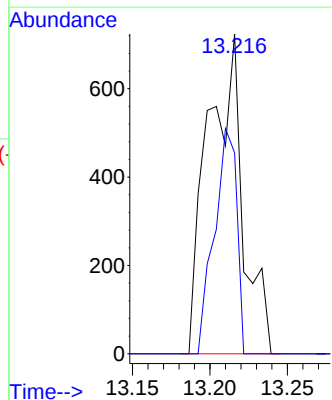
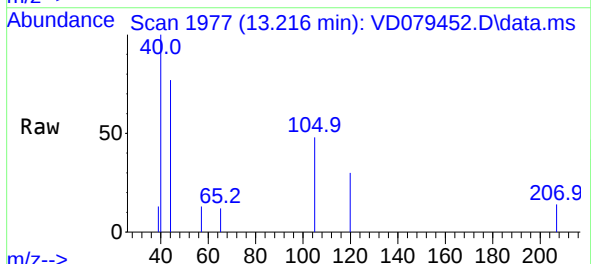
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

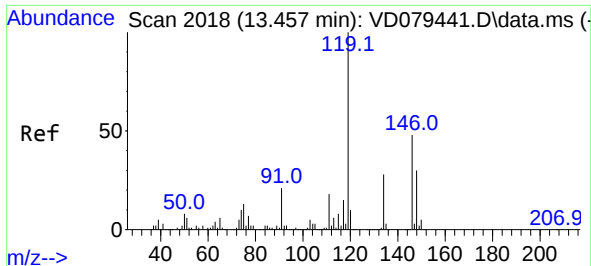
Tgt Ion:	119	Resp:	328
Ion	Ratio	Lower	Upper
119	100		
91	0.0	28.2	84.7#
134	0.0	13.4	40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.559 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.012 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion:	105	Resp:	1132
Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.6	71.0

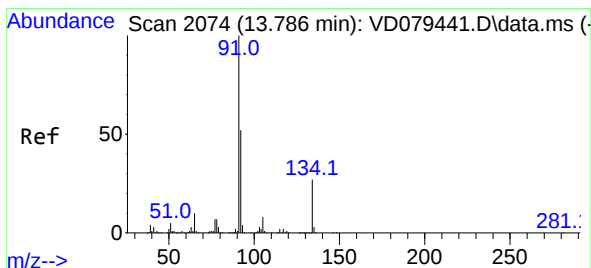
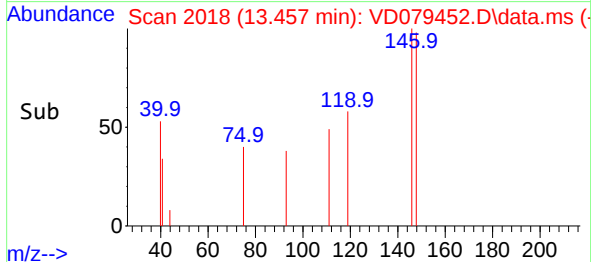
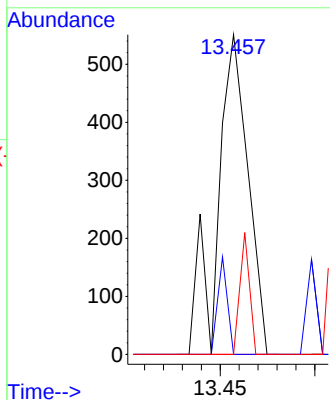
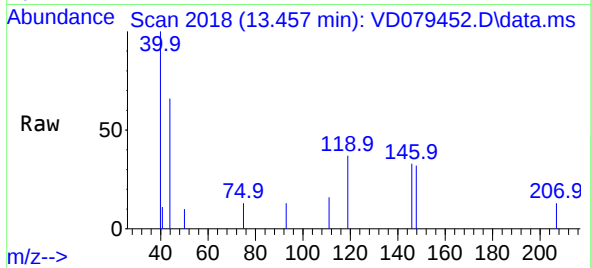




#86
p-Isopropyltoluene
Concen: 3.949 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

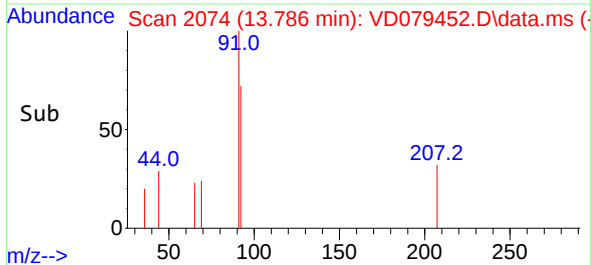
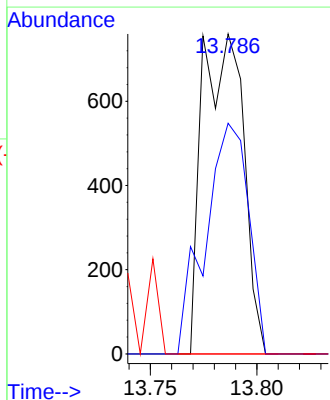
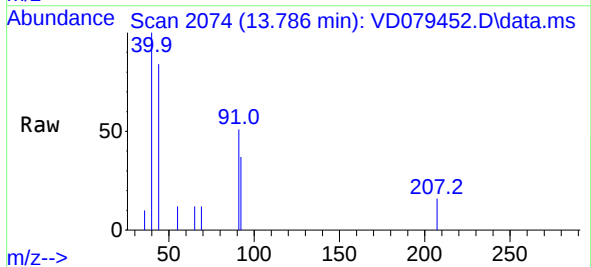
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

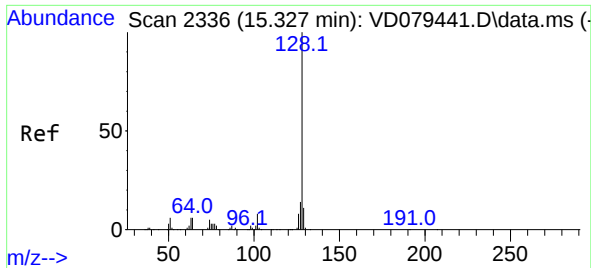
Tgt Ion:	119	Resp:	618
Ion	Ratio	Lower	Upper
119	100		
134	9.5	13.7	41.1#
91	12.0	10.7	32.1



#89
n-Butylbenzene
Concen: 3.896 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

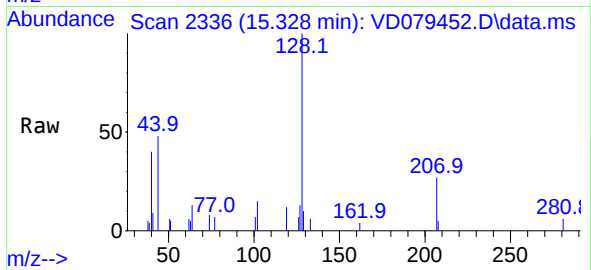
Tgt Ion:	91	Resp:	1025
Ion	Ratio	Lower	Upper
91	100		
92	75.3	25.7	77.0
134	0.0	13.6	40.8#





#95
Naphthalene
Concen: 1.460 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024



Tgt Ion:	128	Resp:	6103
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	9.6	8.5	12.7

