

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079553.D
 Acq On : 02 Aug 2024 20:17
 Operator : RP/MD
 Sample : P3417-01
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-073124

Quant Time: Aug 03 00:33:41 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)

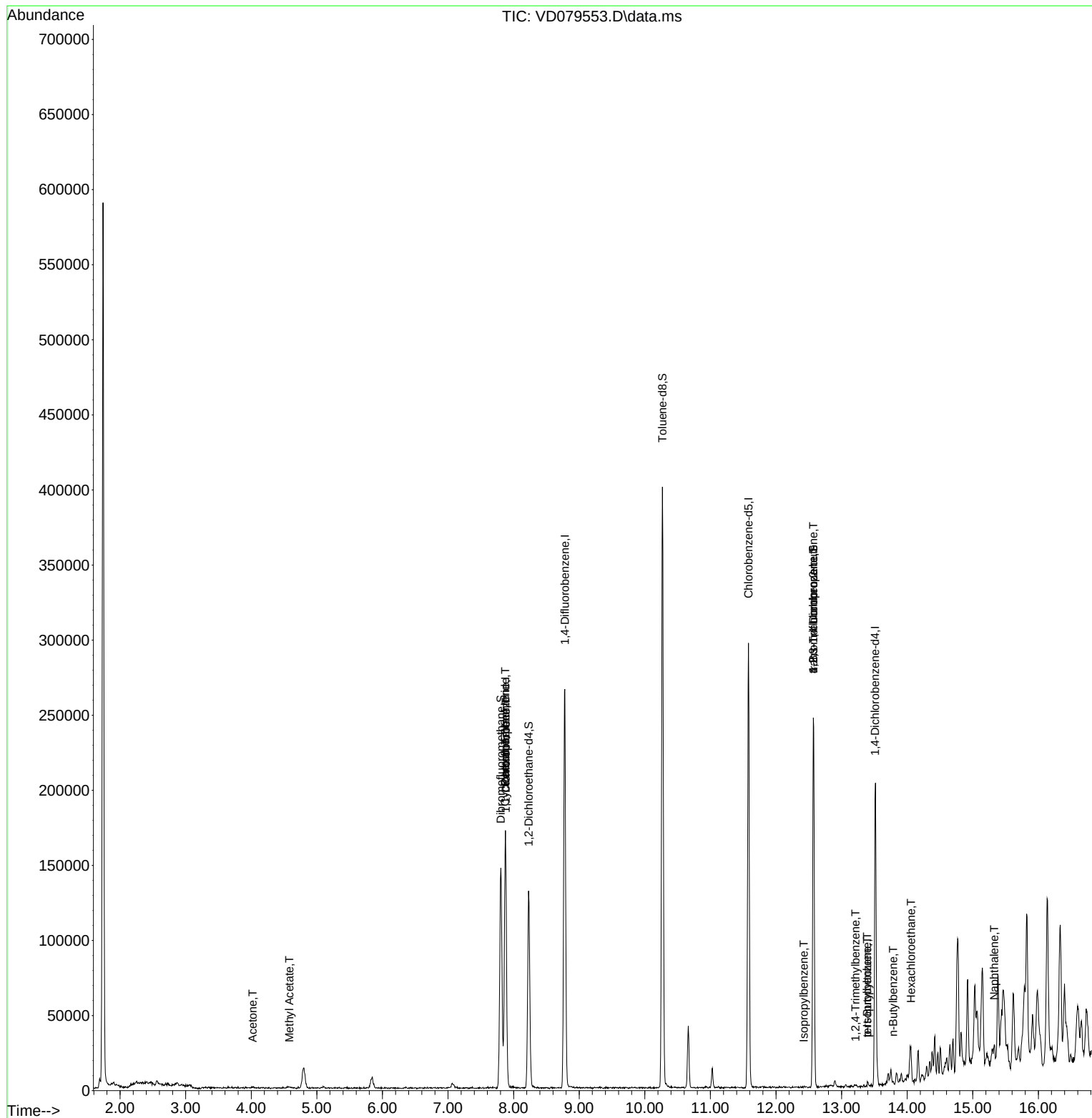
Internal Standards						
1) Pentafluorobenzene	7.875	168	134077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	248652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	58838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101548	74.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.100%			
35) Dibromofluoromethane	7.805	113	108428	64.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.860%			
50) Toluene-d8	10.269	98	289470	44.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.580%			
62) 4-Bromofluorobenzene	12.569	95	64111	33.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 67.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	272	Below Cal	#	71
11) Tert butyl alcohol	5.011	59	71	Below Cal	#	86
16) Acetone	4.022	43	729	2.754	ug/l	99
18) Methyl Acetate	4.581	43	1177	1.432	ug/l #	84
20) Methylene Chloride	4.799	84	11392	Below Cal		92
31) Cyclohexane	7.869	56	2806	1.240	ug/l #	47
36) 1,1-Dichloropropene	7.881	75	10678	4.648	ug/l #	46
38) Carbon Tetrachloride	7.875	117	12990	5.379	ug/l #	16
73) Isopropylbenzene	12.422	105	87	3.646	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	32541	63.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	32541	120.677	ug/l #	19
83) tert-Butylbenzene	13.392	119	873	3.883	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.210	105	1029	3.688	ug/l	87
86) p-Isopropyltoluene	13.392	119	873	4.082	ug/l	88
89) n-Butylbenzene	13.787	91	660	3.942	ug/l #	76
90) Hexachloroethane	14.057	117	1030	1.351	ug/l #	13
95) Naphthalene	15.328	128	2619	1.375	ug/l #	81

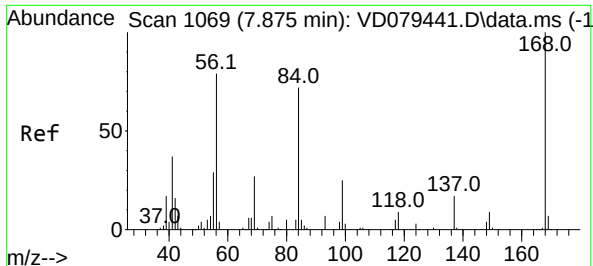
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

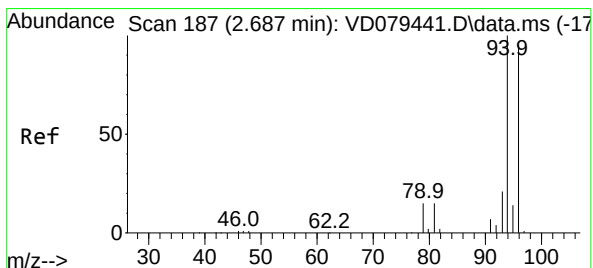
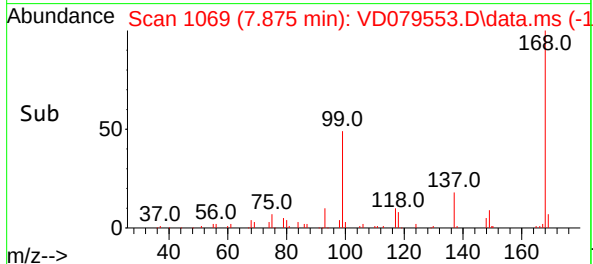
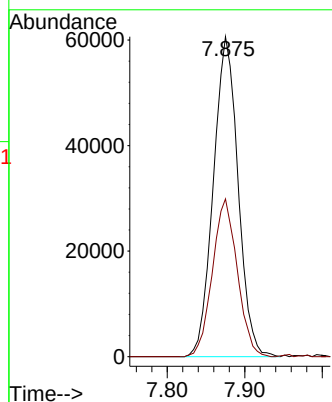
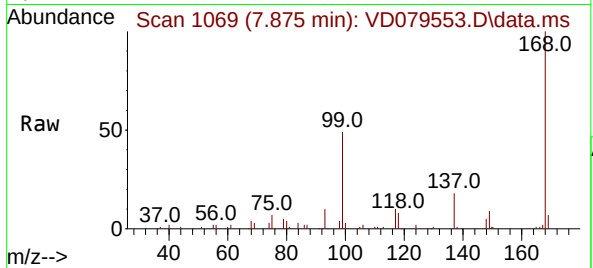




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

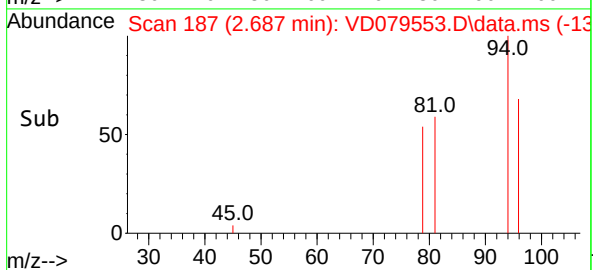
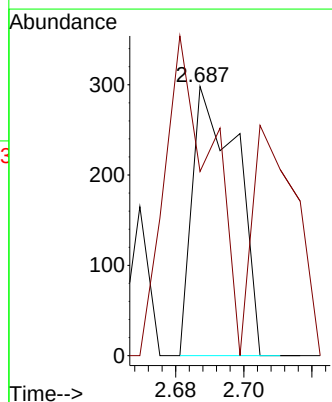
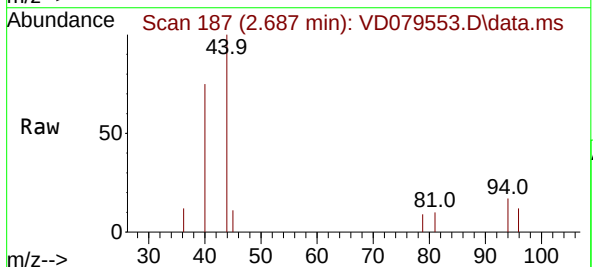
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

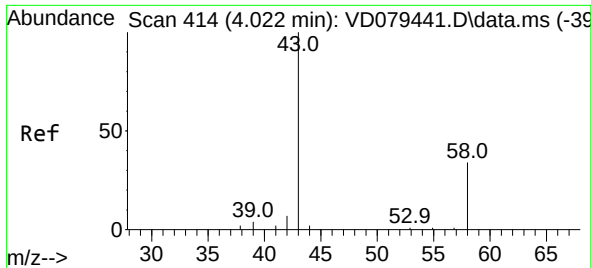
Tgt Ion:168 Resp: 134077
Ion Ratio Lower Upper
168 100
99 49.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 124.6 76.9 115.3#

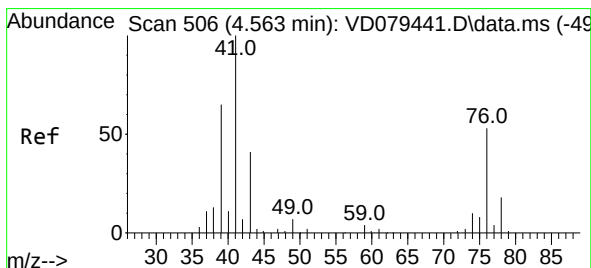
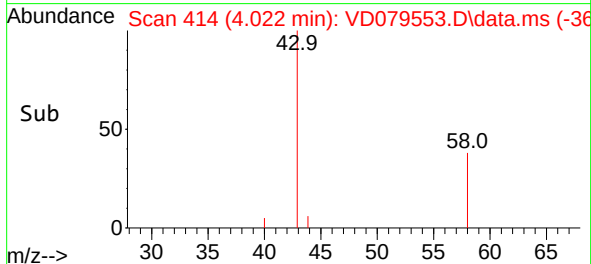
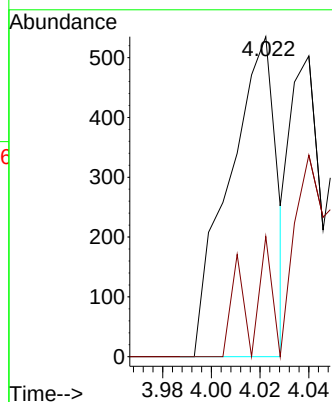
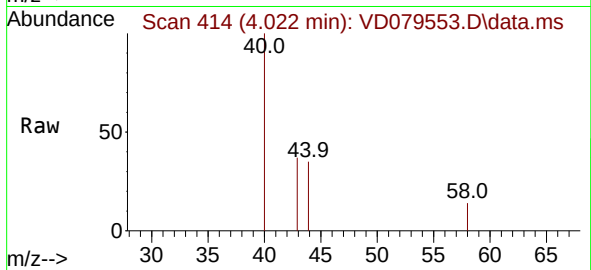




#16
Acetone
Concen: 2.754 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

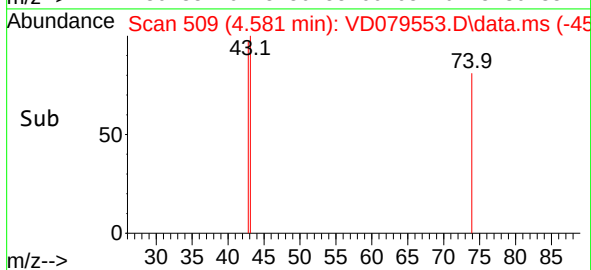
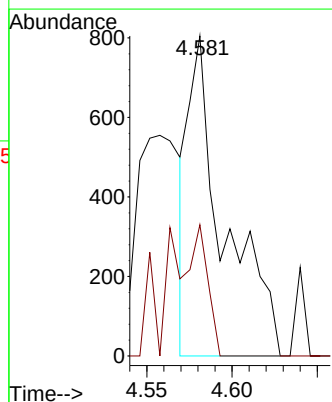
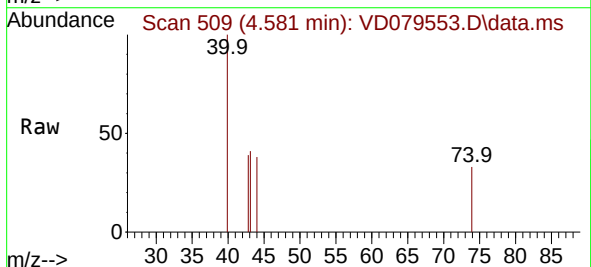
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

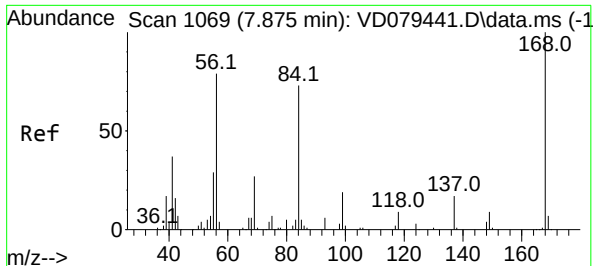
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6



#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.012 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

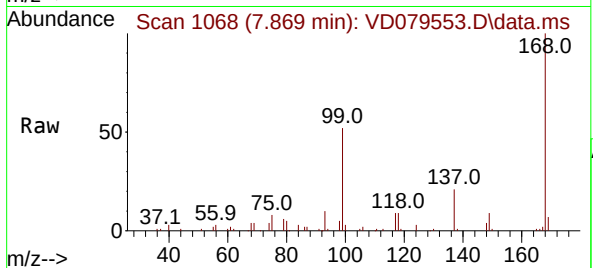
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
74 44.4 28.1 42.1#



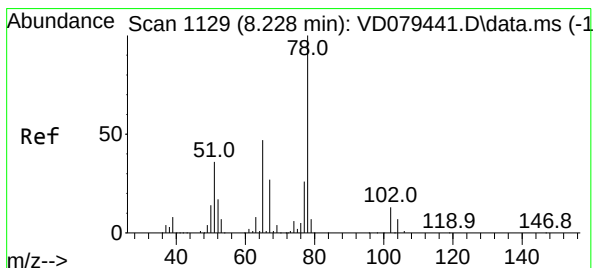
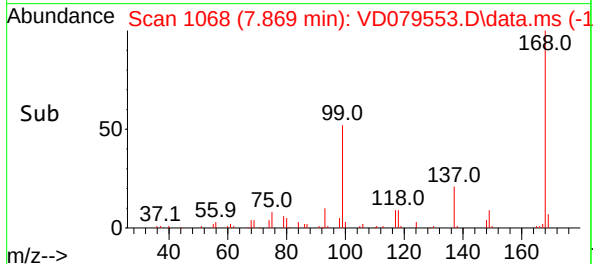
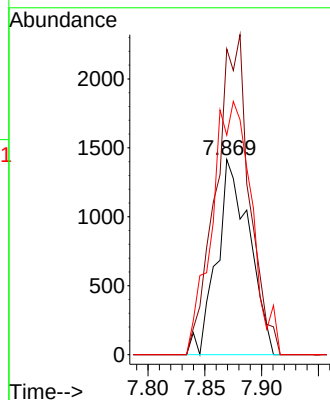


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

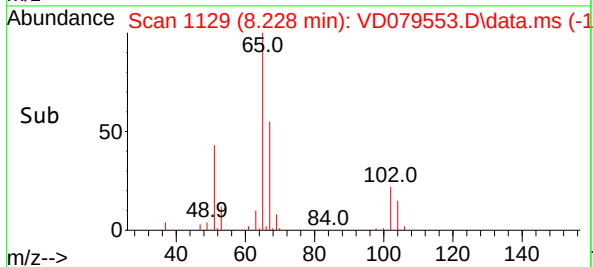
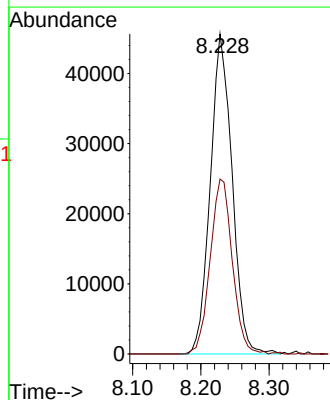
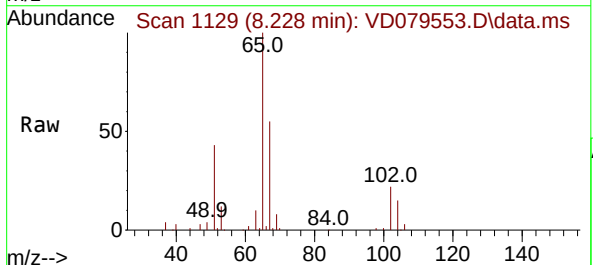


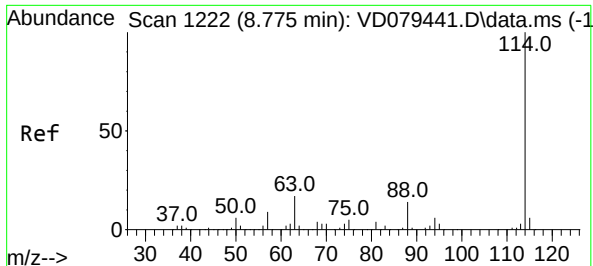
Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 156.6 28.0 42.0#
84 112.4 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 74.553 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion: 65 Resp: 101548
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0

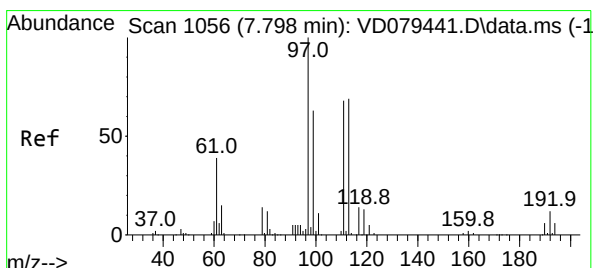
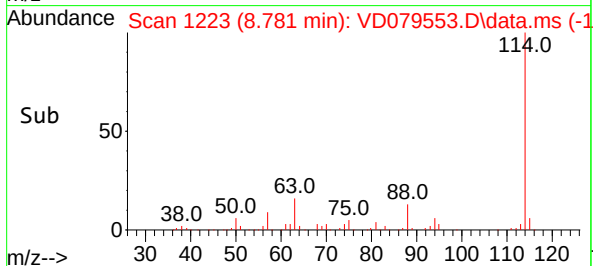
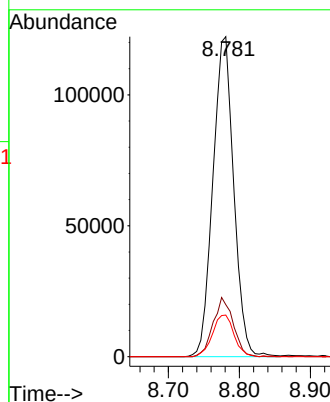
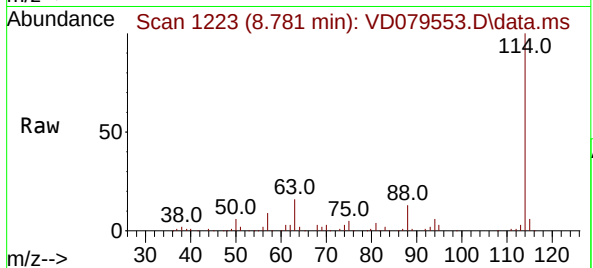




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

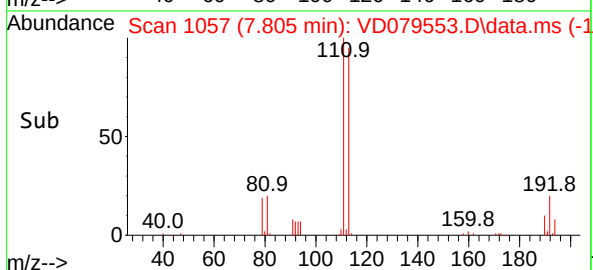
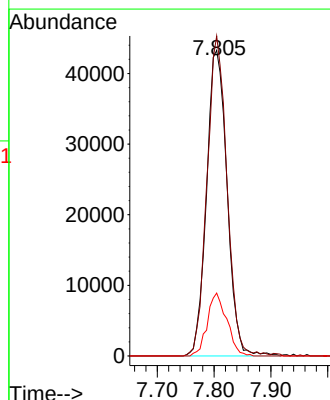
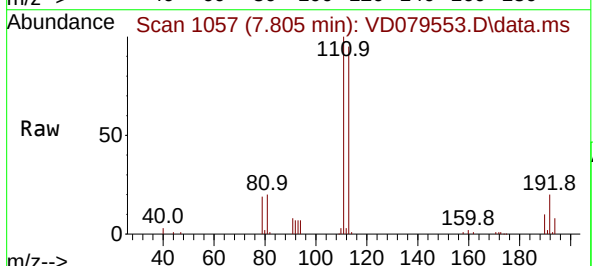
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

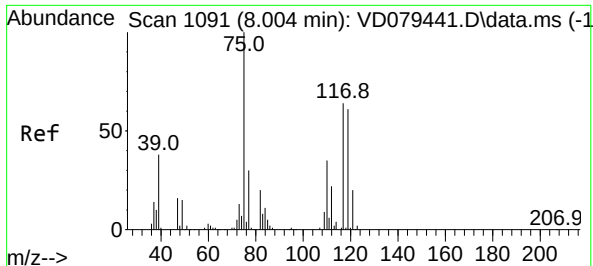
Tgt Ion:114 Resp: 248652
Ion Ratio Lower Upper
114 100
63 16.2 0.0 34.0
88 13.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 64.426 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion:113 Resp: 108428
Ion Ratio Lower Upper
113 100
111 101.8 84.0 126.0
192 19.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.648 ug/l

RT: 7.881 min Scan# 10678

Delta R.T. -0.129 min

Lab File: VD079553.D

Acq: 02 Aug 2024 20:17

Instrument :

MSVOA_D

ClientSampleId :

TR-06-073124

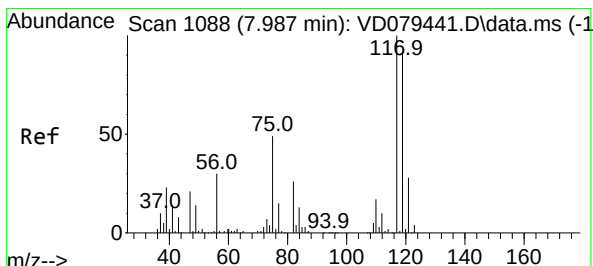
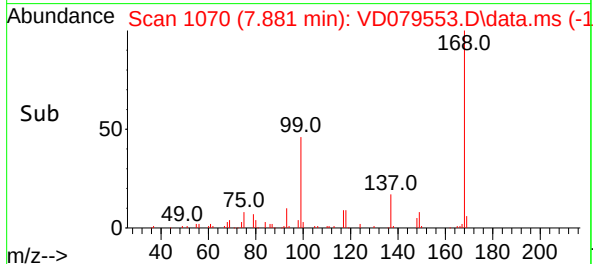
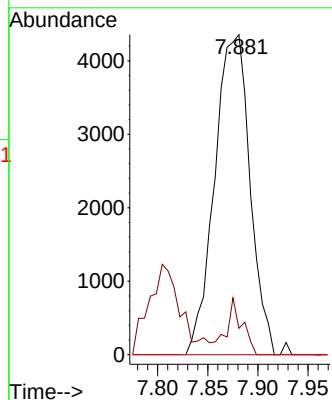
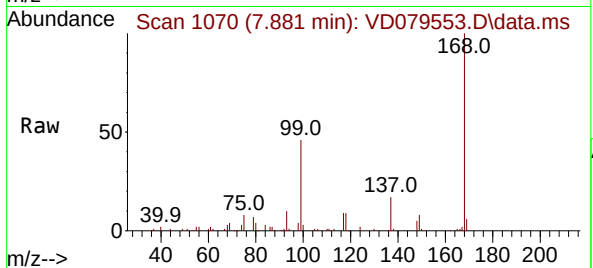
Tgt Ion: 75 Resp: 10678

Ion Ratio Lower Upper

75 100

110 8.1 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.379 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD079553.D

Acq: 02 Aug 2024 20:17

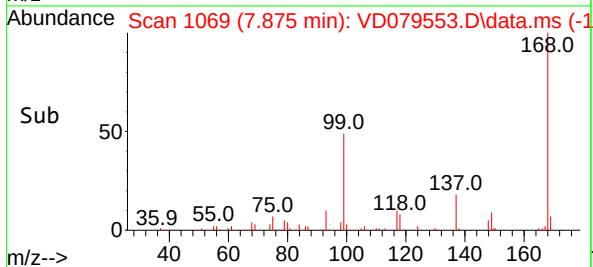
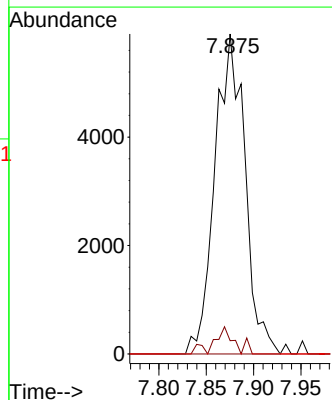
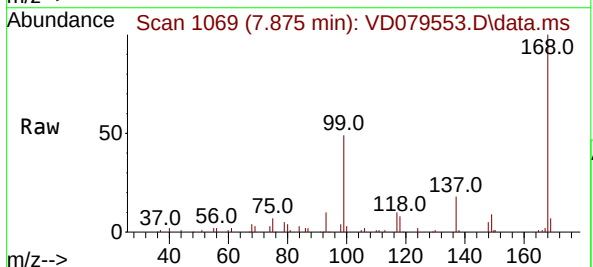
Tgt Ion: 117 Resp: 12990

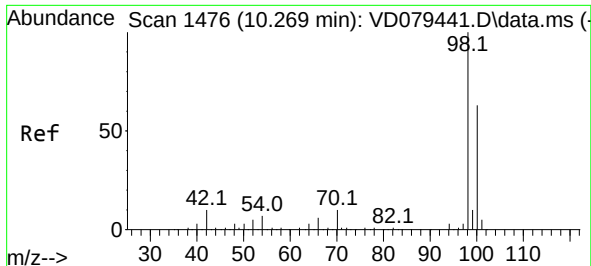
Ion Ratio Lower Upper

117 100

119 4.2 75.4 113.0#

121 0.0 25.0 37.4#

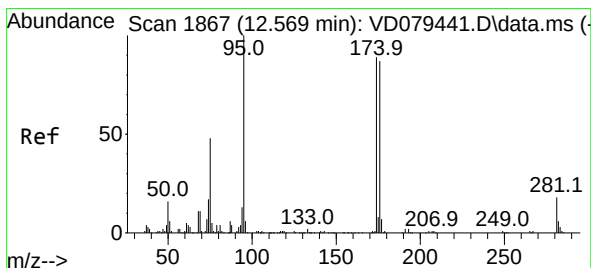
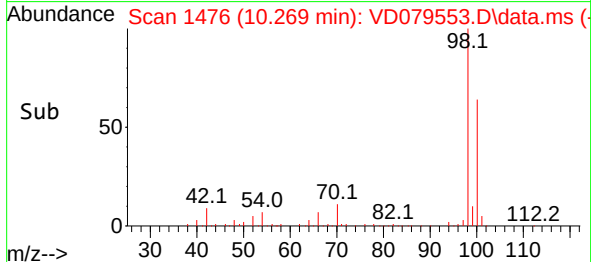
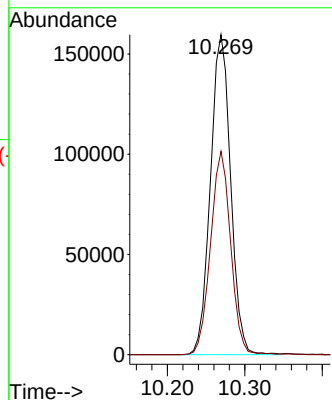
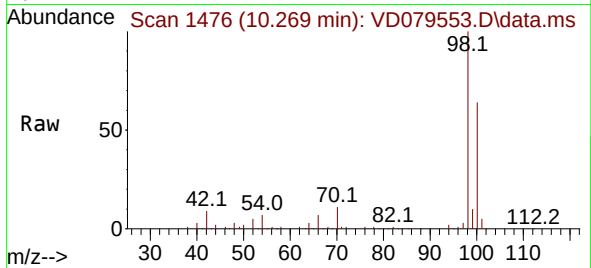




#50
Toluene-d8
Concen: 44.291 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

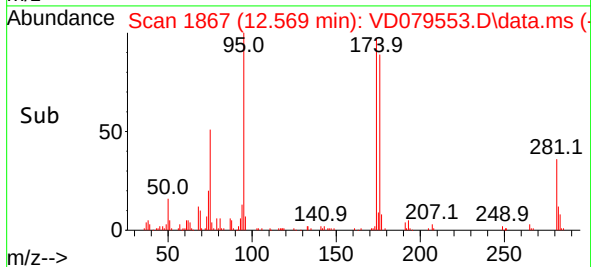
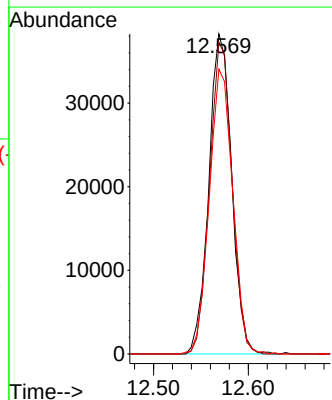
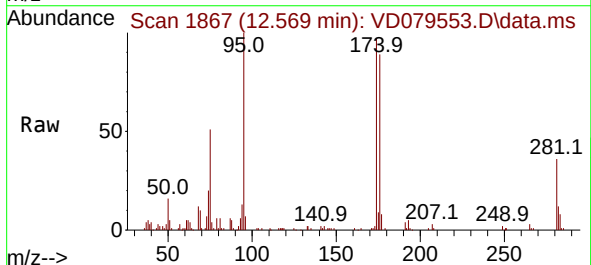
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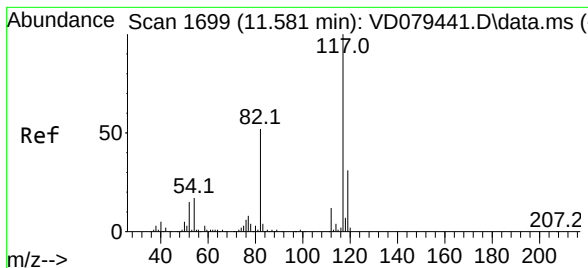
Tgt Ion: 98 Resp: 289470
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 33.898 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion: 95 Resp: 64111
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.4
176 91.4 0.0 192.6

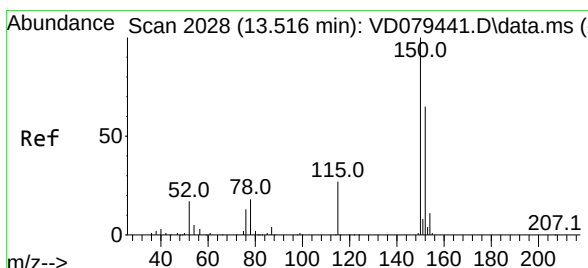
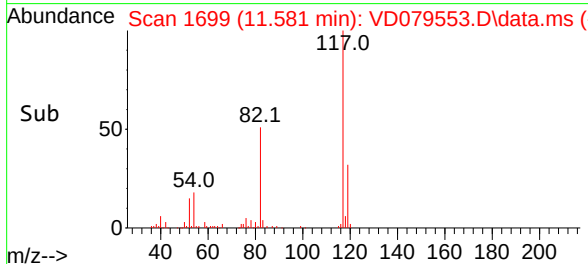
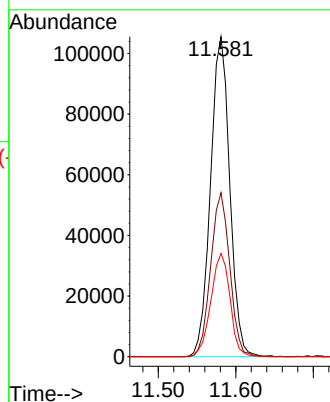
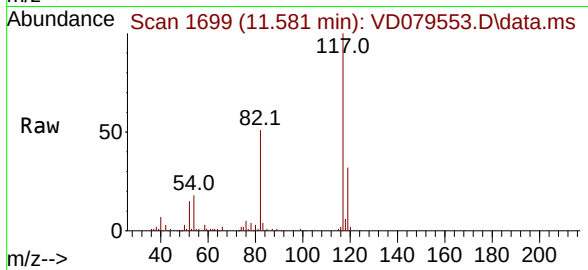




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

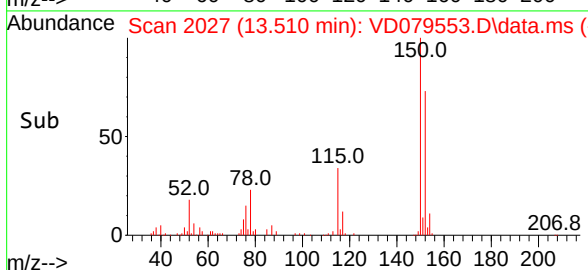
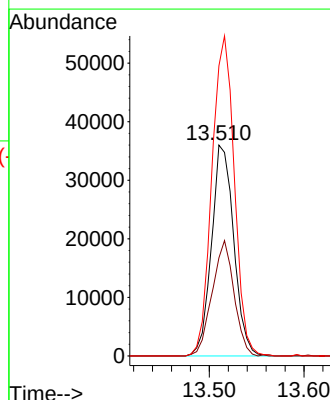
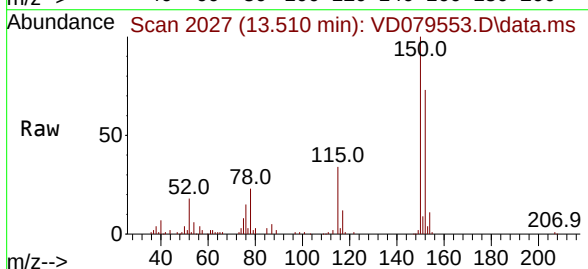
Instrument :
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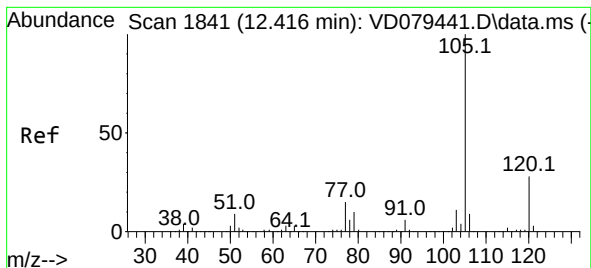
Tgt Ion:117 Resp: 182081
Ion Ratio Lower Upper
117 100
82 51.3 39.8 59.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion:152 Resp: 58838
Ion Ratio Lower Upper
152 100
115 53.9 26.5 79.5
150 152.6 0.0 341.6





#73

Isopropylbenzene

Concen: 3.646 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079553.D

Acq: 02 Aug 2024 20:17

Instrument :

MSVOA_D

ClientSampleId :

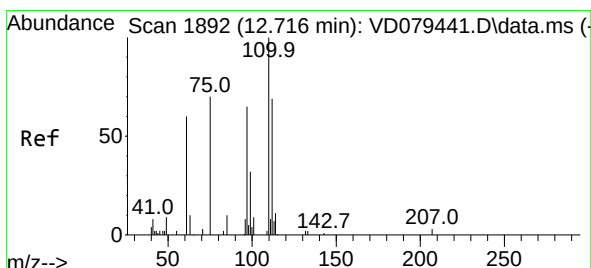
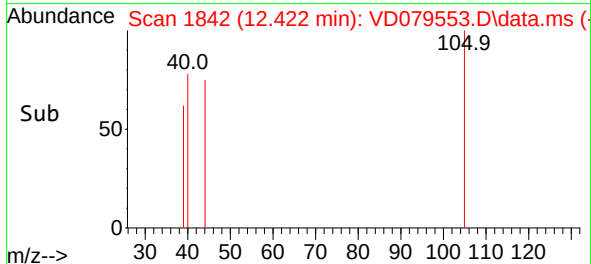
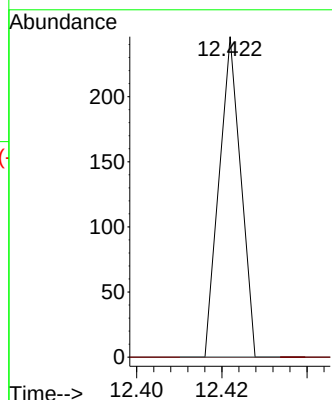
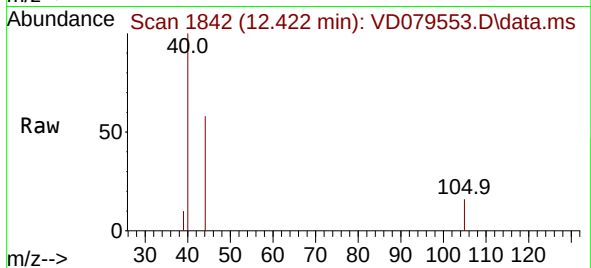
TR-06-073124

Tgt Ion:105 Resp: 87

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 63.272 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079553.D

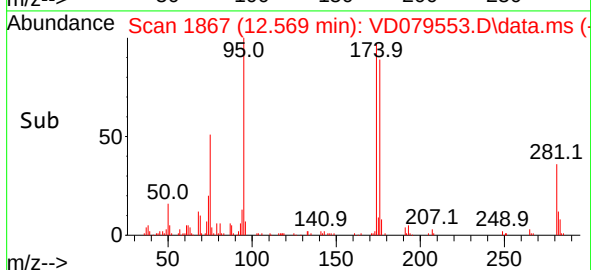
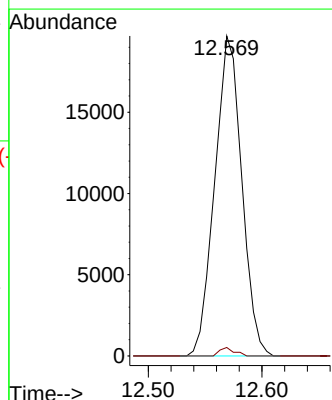
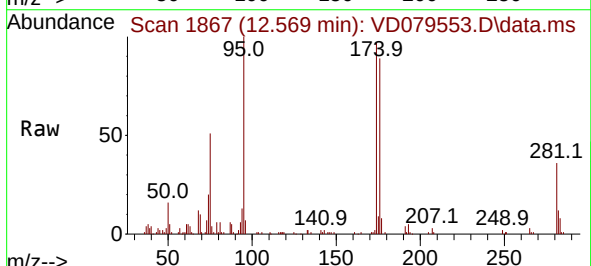
Acq: 02 Aug 2024 20:17

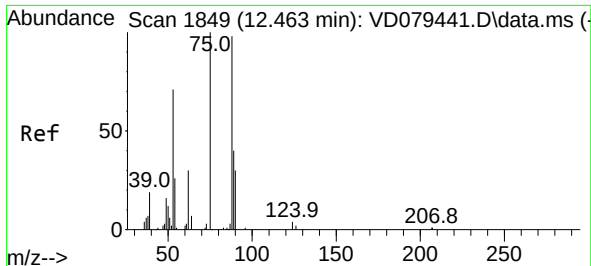
Tgt Ion: 75 Resp: 32541

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

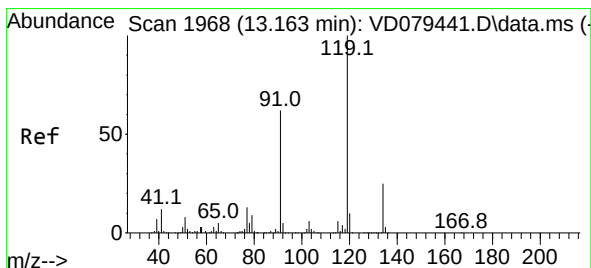
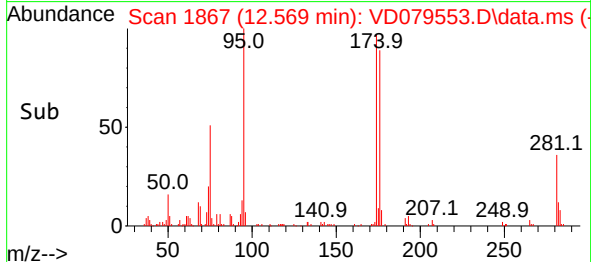
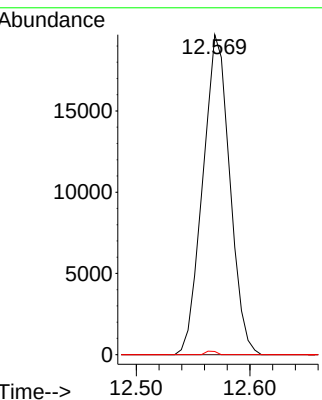
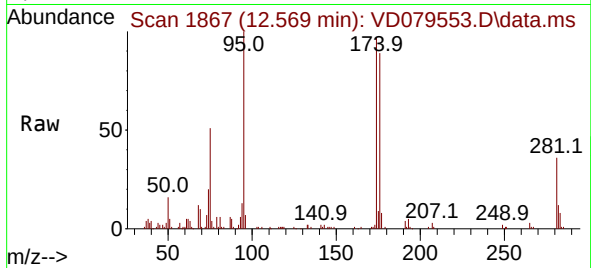




#81
trans-1,4-Dichloro-2-butene
Concen: 120.677 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

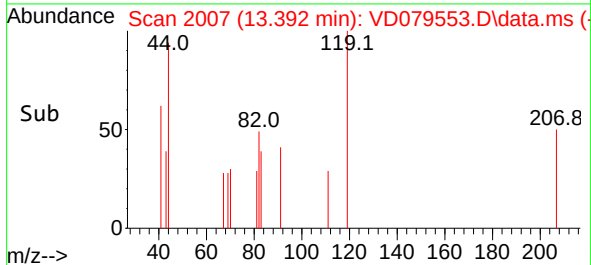
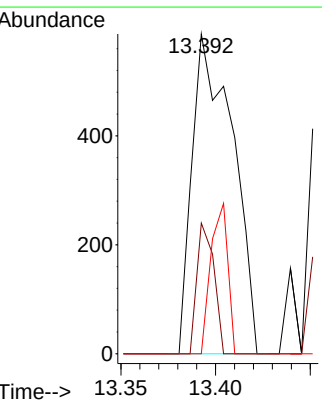
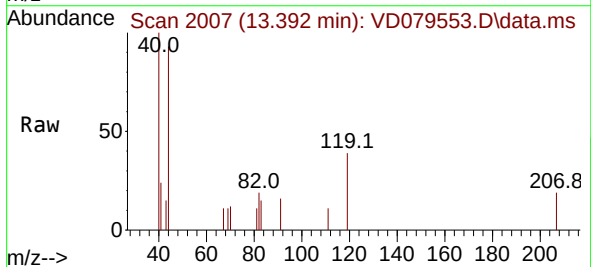
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

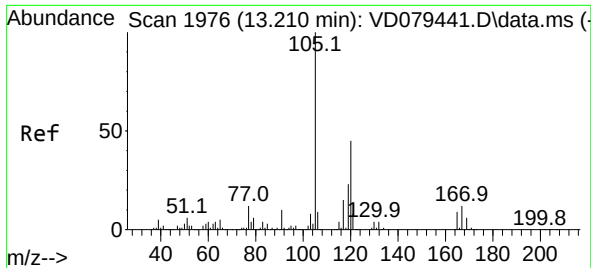
Tgt Ion:	75	Resp:	32541
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.5	35.4	53.0#



#83
tert-Butylbenzene
Concen: 3.883 ug/l
RT: 13.392 min Scan# 2007
Delta R.T. 0.229 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion:	119	Resp:	873
Ion	Ratio	Lower	Upper
119	100		
91	17.1	28.2	84.7#
134	19.7	13.4	40.1

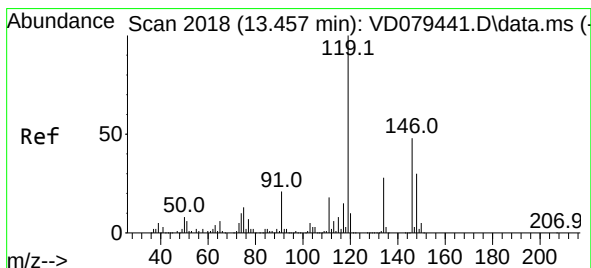
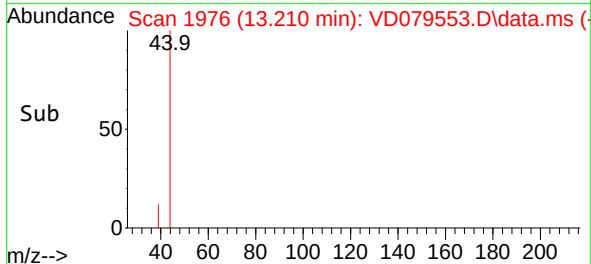
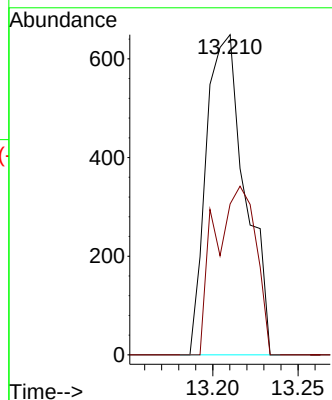
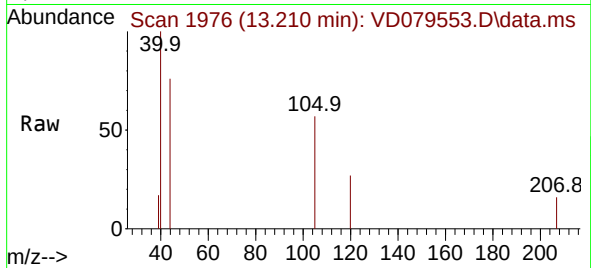




#84
1,2,4-Trimethylbenzene
Concen: 3.688 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

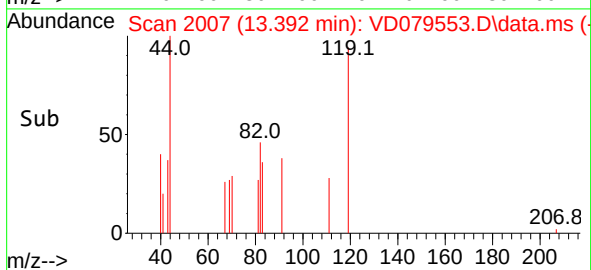
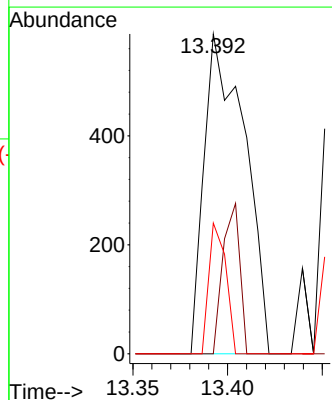
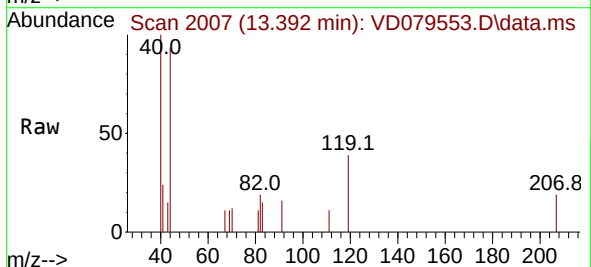
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

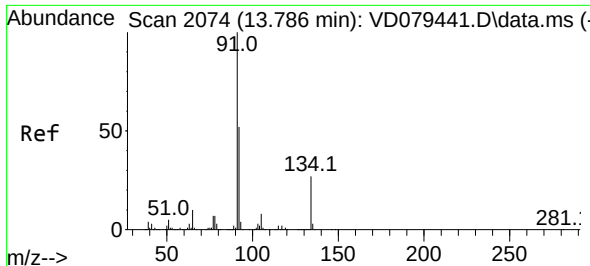
Tgt Ion:105 Resp: 1029
Ion Ratio Lower Upper
105 100
120 55.8 23.6 71.0



#86
p-Isopropyltoluene
Concen: 4.082 ug/l
RT: 13.392 min Scan# 2007
Delta R.T. -0.065 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Tgt Ion:119 Resp: 873
Ion Ratio Lower Upper
119 100
134 19.7 13.7 41.1
91 17.1 10.7 32.1

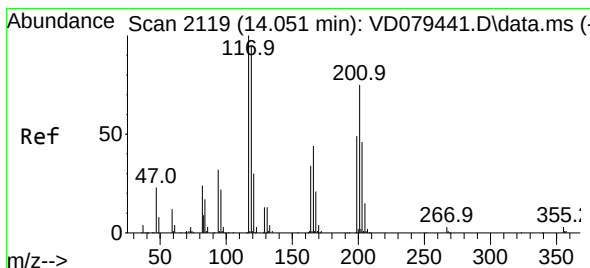
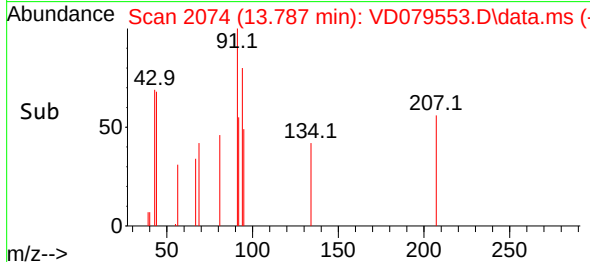
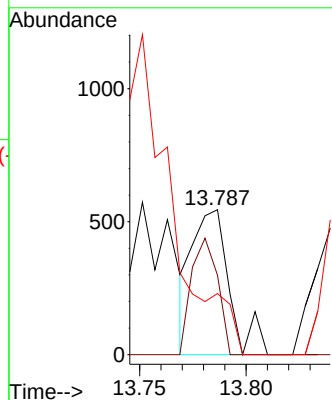
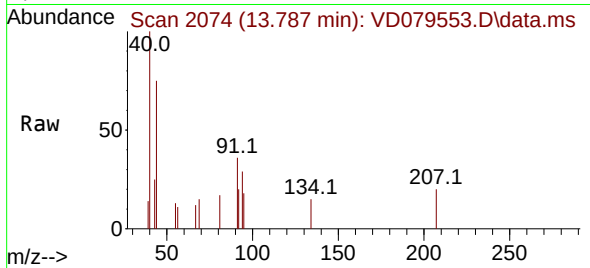




#89
n-Butylbenzene
Concen: 3.942 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

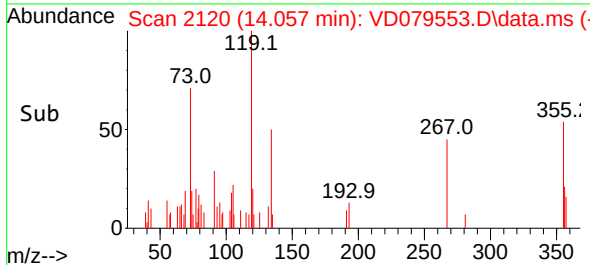
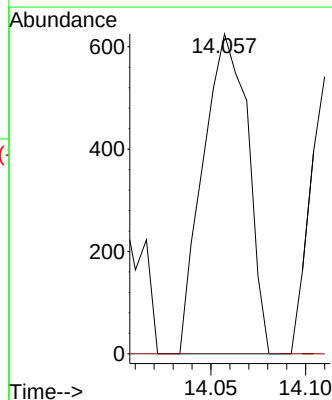
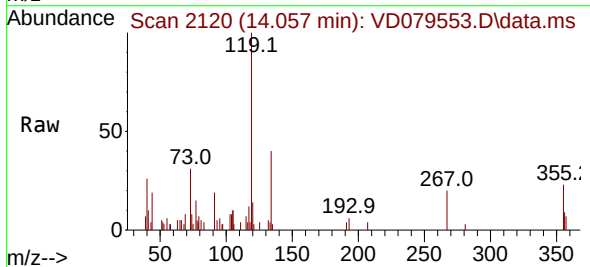
Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124

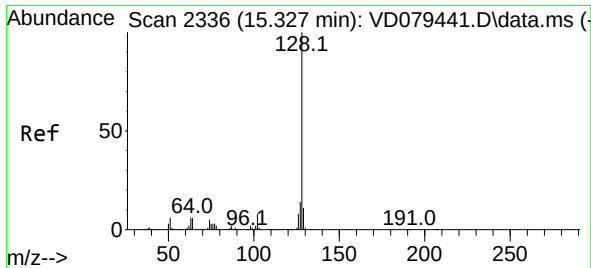
Tgt Ion: 91 Resp: 660
Ion Ratio Lower Upper
91 100
92 57.1 25.7 77.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.351 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.012 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

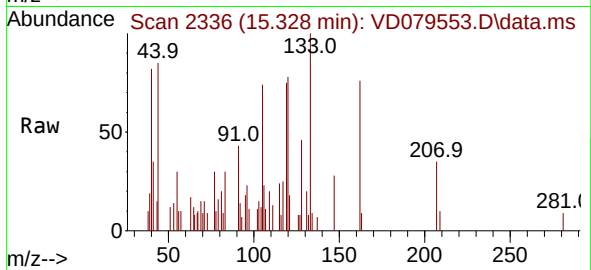
Tgt Ion: 117 Resp: 1030
Ion Ratio Lower Upper
117 100
201 0.0 36.3 108.9#





#95
Naphthalene
Concen: 1.375 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079553.D
Acq: 02 Aug 2024 20:17

Instrument :
MSVOA_D
ClientSampleId :
TR-06-073124



Tgt Ion:128 Resp: 2619
Ion Ratio Lower Upper
128 100
127 17.5 10.2 15.4#
129 0.0 8.5 12.7#

