

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074874.D
 Acq On : 10 Nov 2022 18:11
 Operator : VA/SY
 Sample : N5520-07RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R20-3RE

Quant Time: Nov 11 07:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

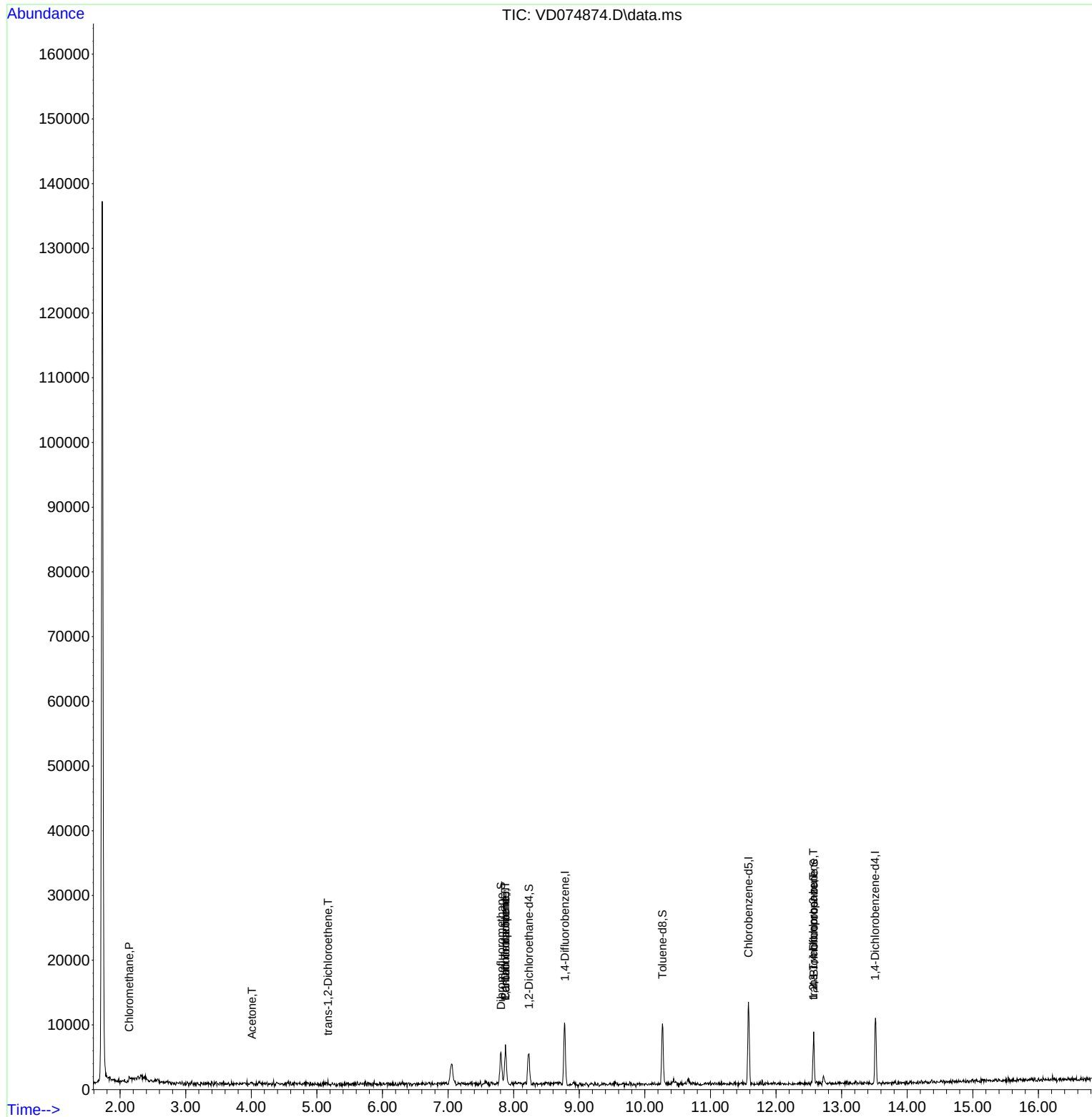
Internal Standards						
1) Pentafluorobenzene	7.875	168	5673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	10214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	3439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4291	95.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 191.000%#	
35) Dibromofluoromethane	7.810	113	3583	59.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.600%	
50) Toluene-d8	10.269	98	7999	36.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.580%	
62) 4-Bromofluorobenzene	12.575	95	2610	41.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.040%	
Target Compounds						
						Qvalue
3) Chloromethane	2.140	50	315	4.237	ug/l	97
16) Acetone	4.010	43	222	23.677	ug/l #	37
21) trans-1,2-Dichloroethene	5.169	96	76	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	297	3.238	ug/l #	39
38) Carbon Tetrachloride	7.875	117	256	2.946	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	1428	53.565	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	1428	127.150	ug/l #	17

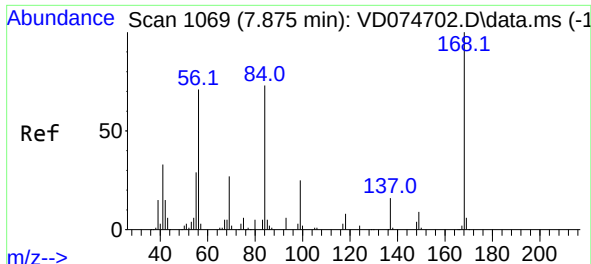
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

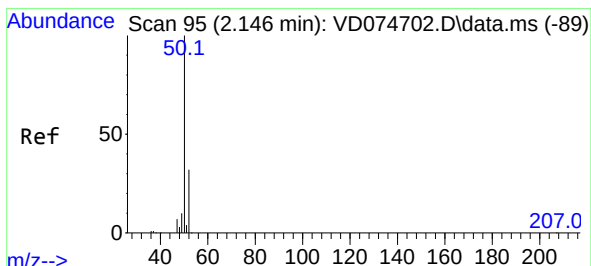
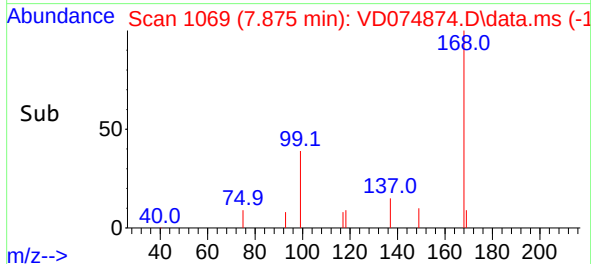
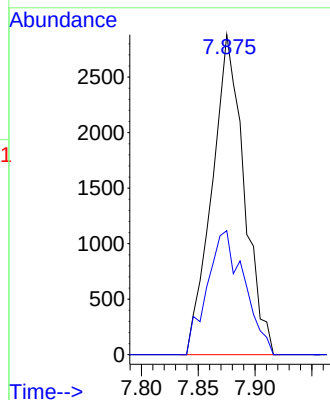
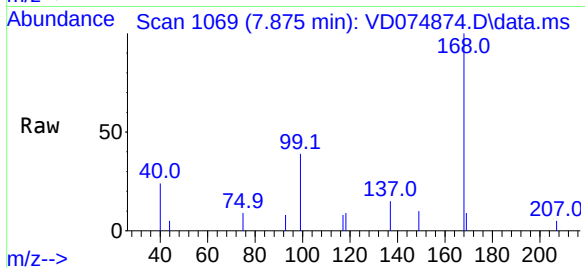




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

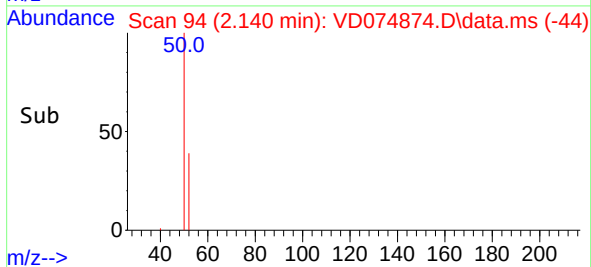
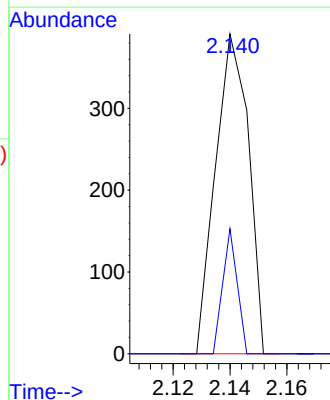
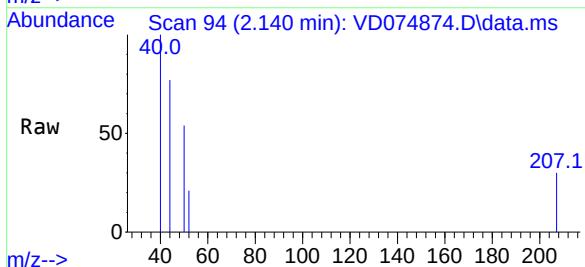
Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

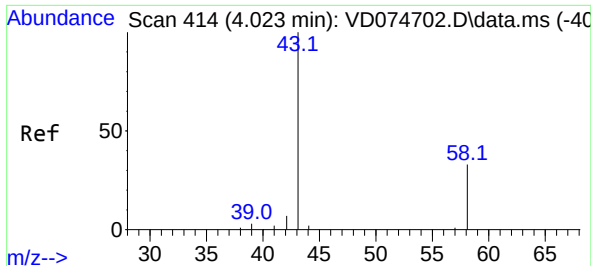
Tgt Ion:168 Resp: 5673
Ion Ratio Lower Upper
168 100
99 38.8 40.9 61.3#



#3
Chloromethane
Concen: 4.237 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 50 Resp: 315
Ion Ratio Lower Upper
50 100
52 39.1 30.0 45.0

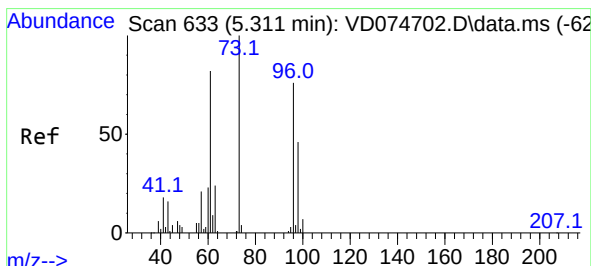
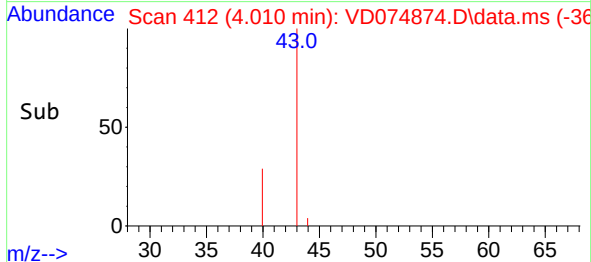
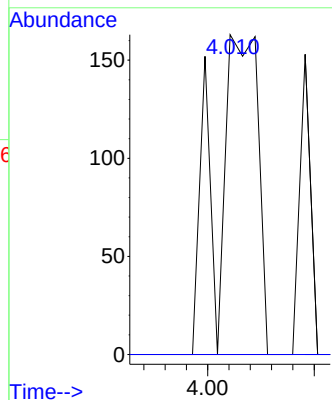
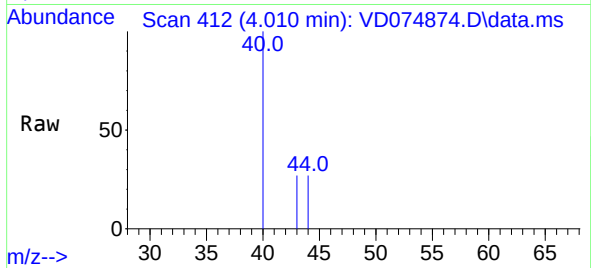




#16
Acetone
Concen: 23.677 ug/l
RT: 4.010 min Scan# 414
Delta R.T. -0.013 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

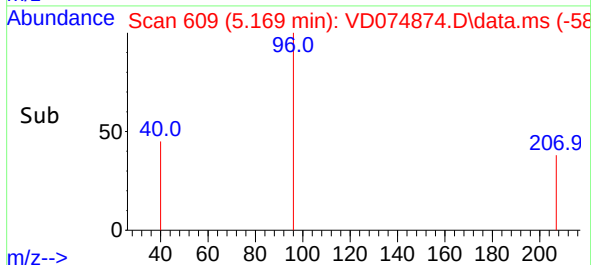
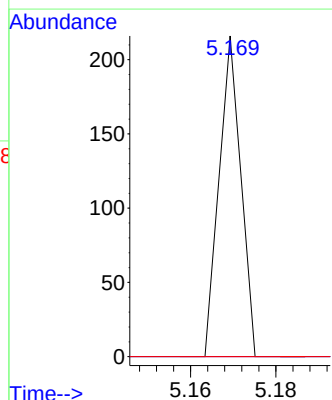
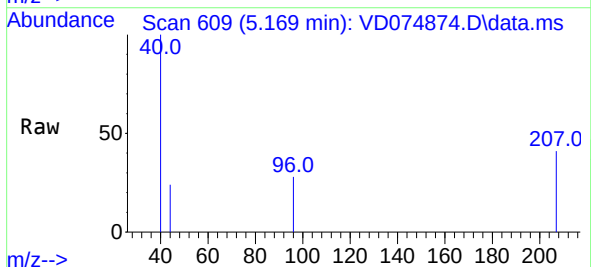
Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

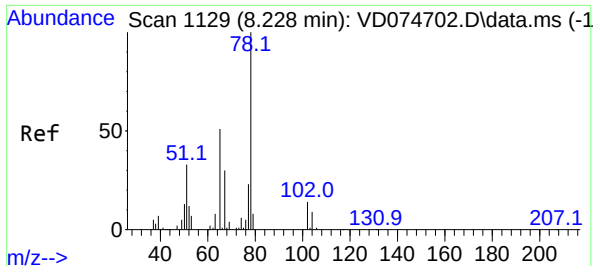
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#21
trans-1,2-Dichloroethene
Concen: 1.131 ug/l
RT: 5.169 min Scan# 609
Delta R.T. -0.142 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 96 Resp: 76
Ion Ratio Lower Upper
96 100
61 0.0 95.7 143.5#
98 0.0 54.8 82.2#

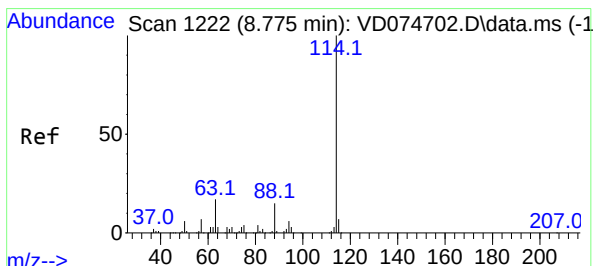
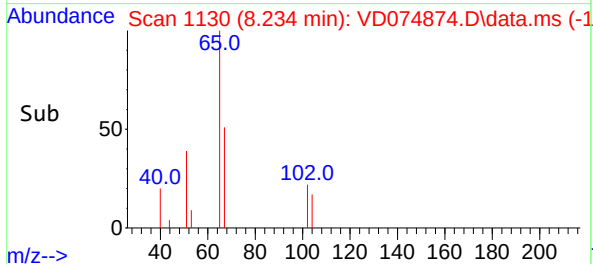
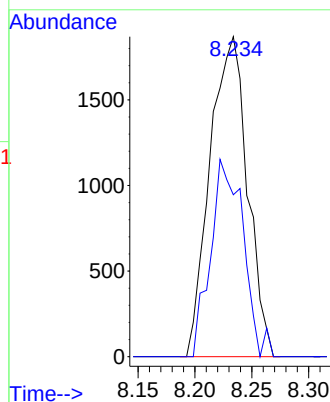
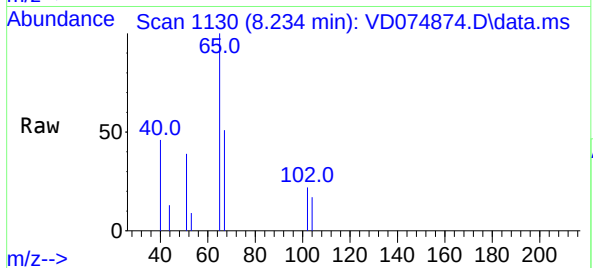




#33
1,2-Dichloroethane-d4
Concen: 95.501 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

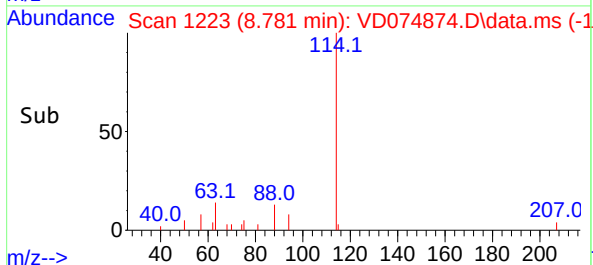
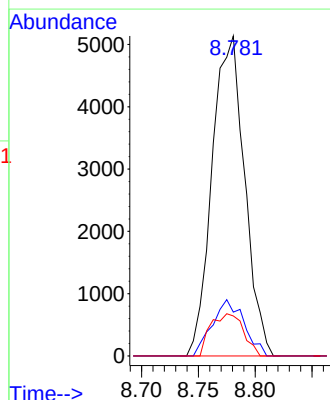
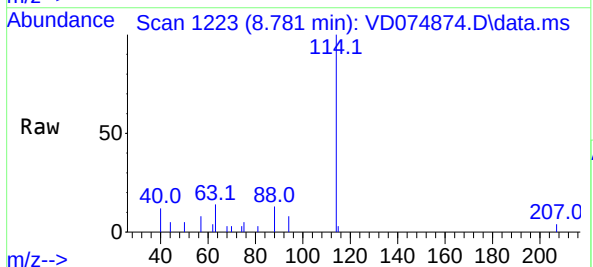
Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

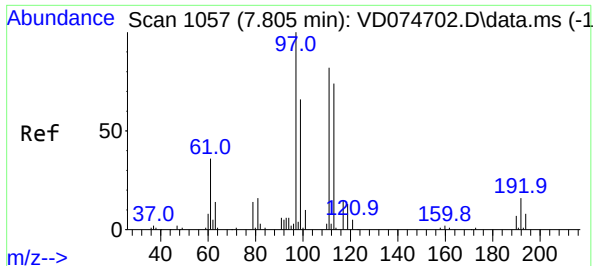
Tgt Ion: 65 Resp: 4291
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 114 Resp: 10214
Ion Ratio Lower Upper
114 100
63 13.7 0.0 33.2
88 12.5 0.0 28.2

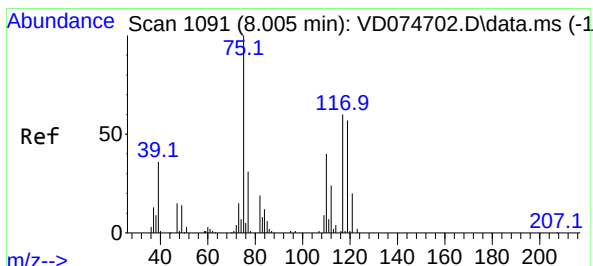
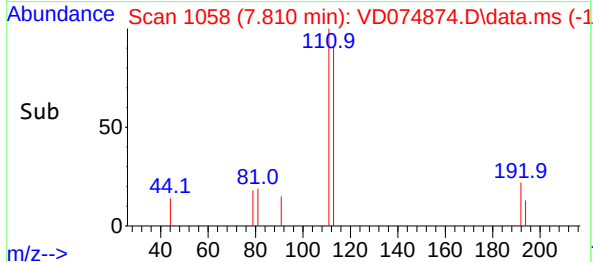
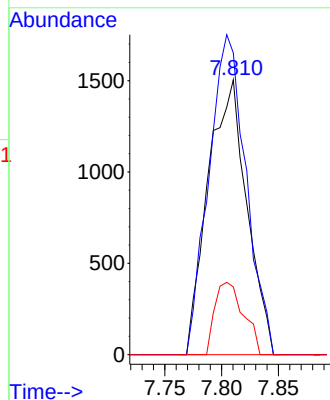
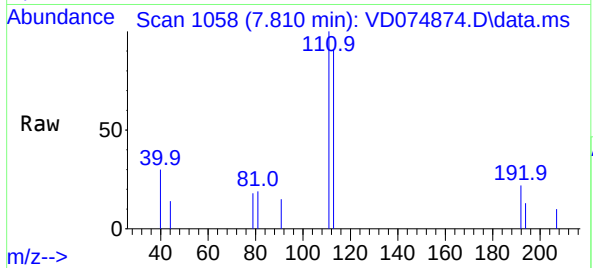




#35
Dibromofluoromethane
Concen: 59.302 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

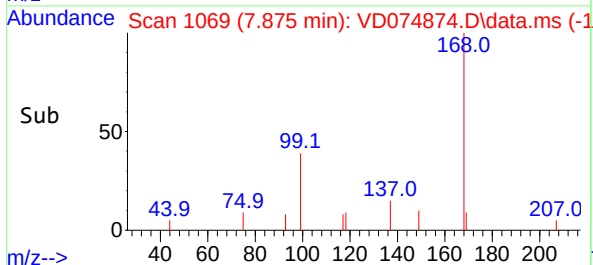
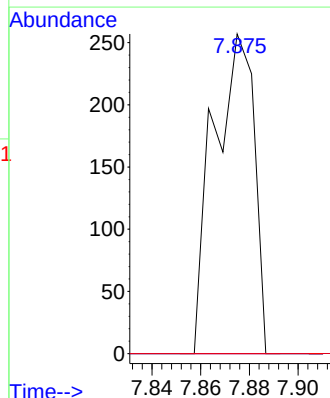
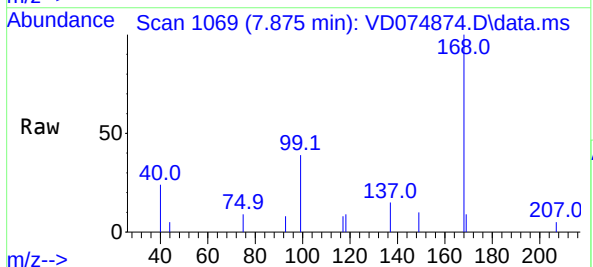
Instrument :
MSVOA_D
ClientSampleId :
R20-3RE

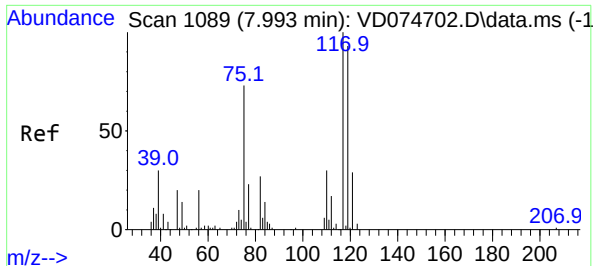
Tgt Ion:113 Resp: 3583
Ion Ratio Lower Upper
113 100
111 111.2 82.3 123.5
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 3.238 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 2.946 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074874.D

Acq: 10 Nov 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

R20-3RE

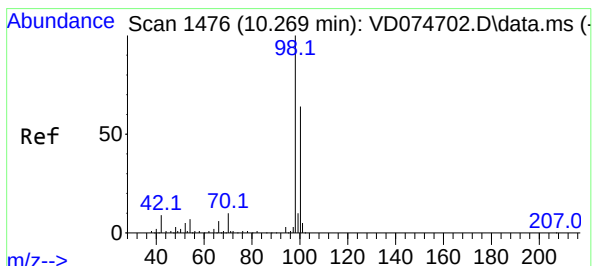
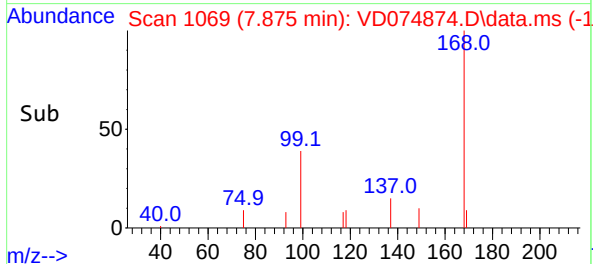
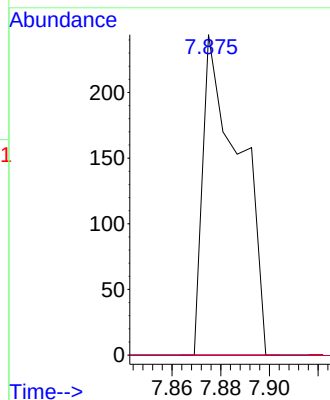
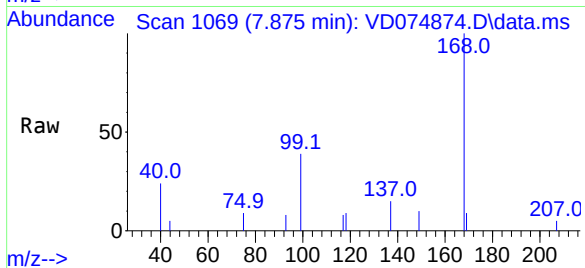
Tgt Ion:117 Resp: 256

Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 36.294 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074874.D

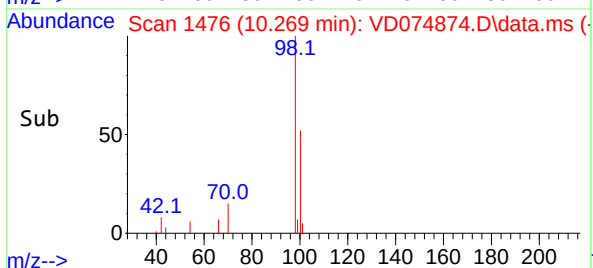
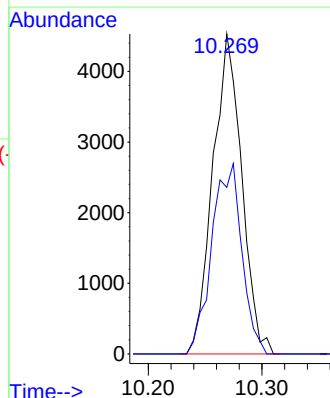
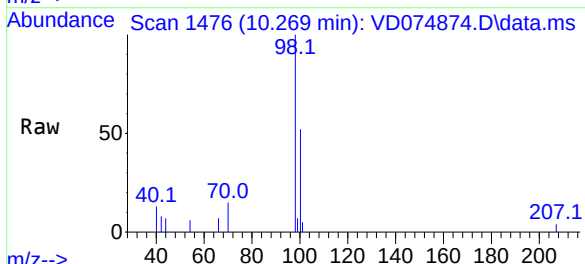
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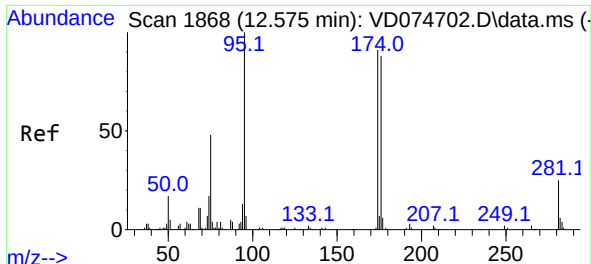
Tgt Ion: 98 Resp: 7999

Ion Ratio Lower Upper

98 100

100 61.8 51.4 77.0

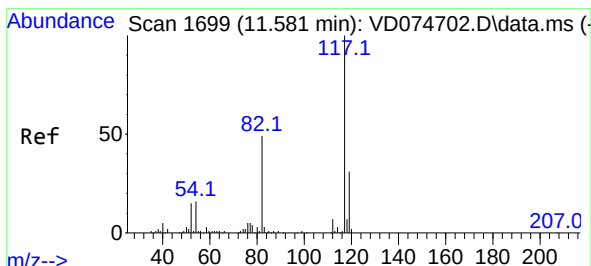
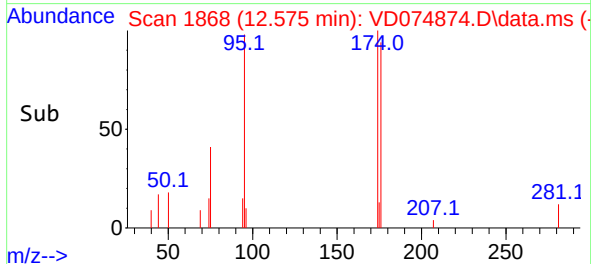
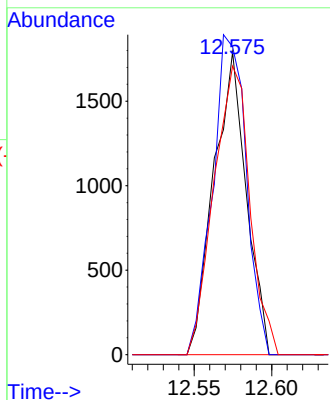
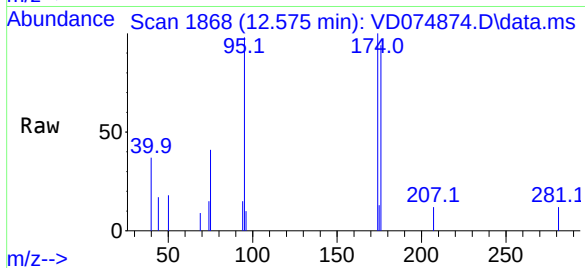




#62
4-Bromofluorobenzene
Concen: 41.015 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

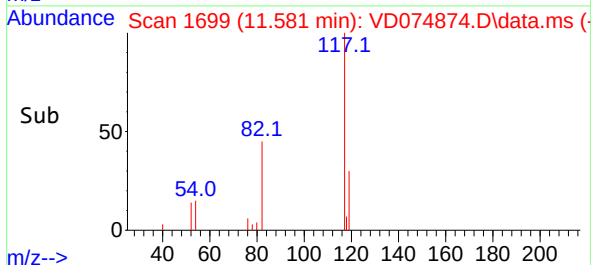
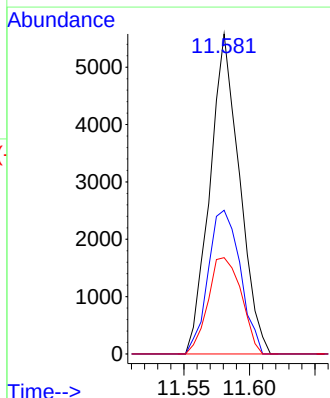
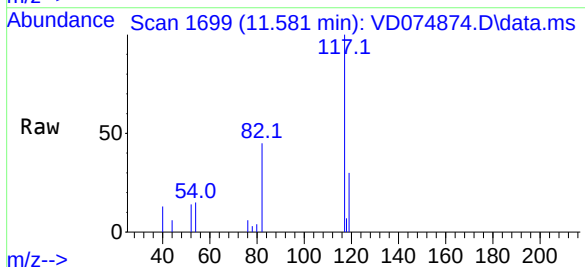
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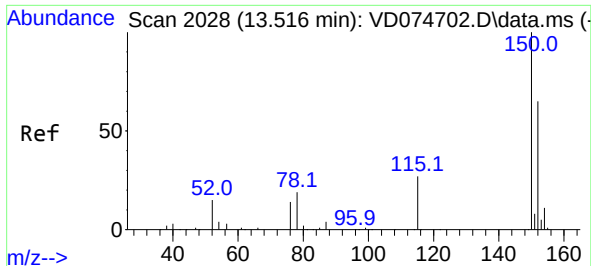
Tgt Ion:	95	Resp:	2610
Ion	Ratio	Lower	Upper
95	100		
174	109.4	0.0	197.0
176	105.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion:	117	Resp:	8781
Ion	Ratio	Lower	Upper
117	100		
82	44.9	41.6	62.4
119	30.1	25.2	37.8

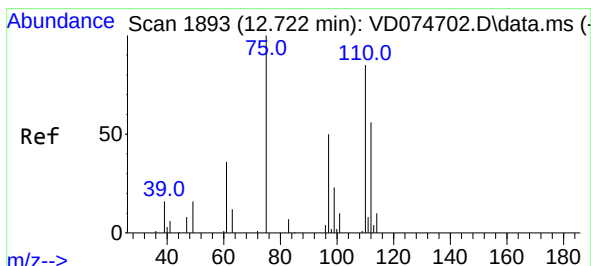
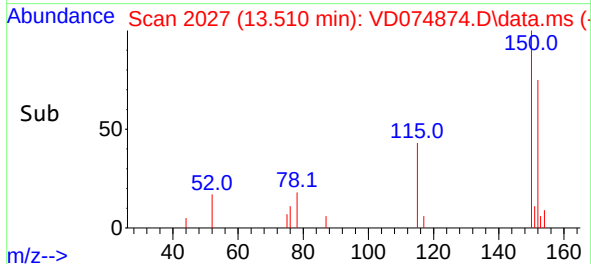
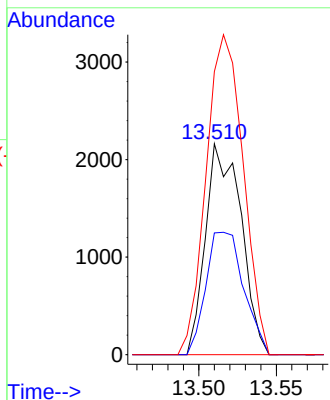
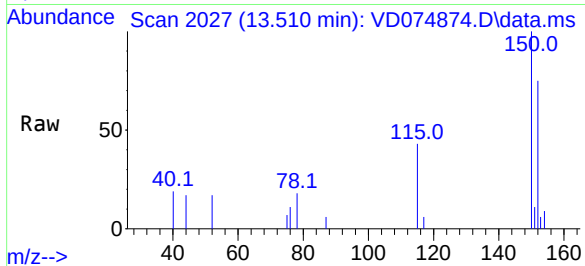




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

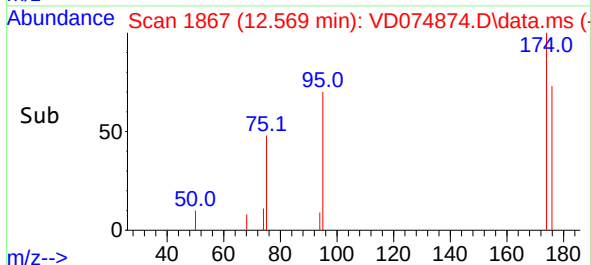
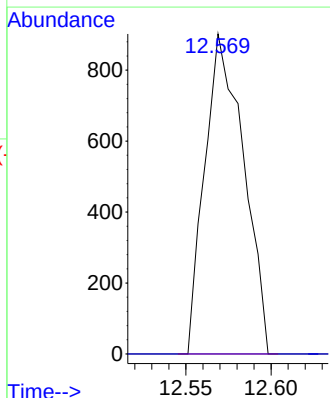
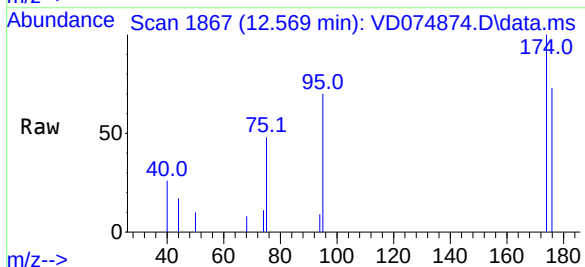
Instrument :
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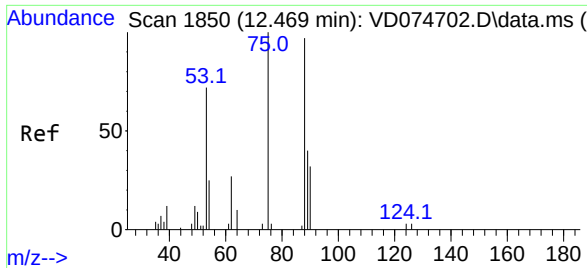
Tgt Ion:152 Resp: 3439
Ion Ratio Lower Upper
152 100
115 61.9 26.8 80.4
150 159.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.565 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074874.D
Acq: 10 Nov 2022 18:11

Tgt Ion: 75 Resp: 1428
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.150 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074874.D
 Acq: 10 Nov 2022 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 R20-3RE

Tgt Ion: 75 Resp: 1428
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

