

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074807.D
 Acq On : 08 Nov 2022 16:30
 Operator : VA/SY
 Sample : N5415-03RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 16:39:41 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)

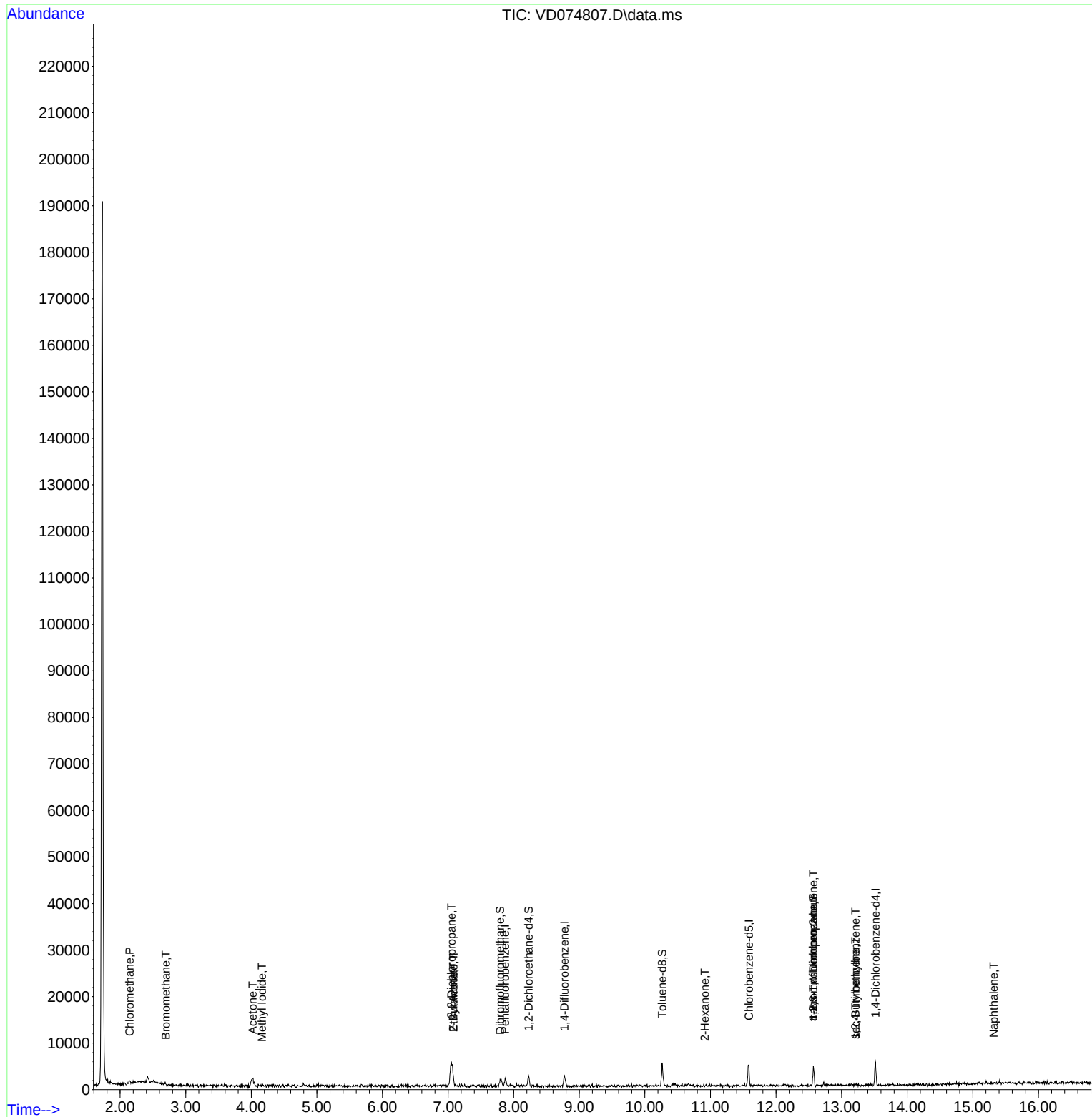
Internal Standards						
1) Pentafluorobenzene	7.869	168	1983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	3499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1909	121.548	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	243.100%	#
35) Dibromofluoromethane	7.793	113	1330	64.257	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	128.520%	
50) Toluene-d8	10.263	98	3674	48.662	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	97.320%	
62) 4-Bromofluorobenzene	12.569	95	1179	54.084	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.160%	
Target Compounds						
						Qvalue
3) Chloromethane	2.146	50	480	18.469	ug/l	# 37
5) Bromomethane	2.699	94	226	10.465	ug/l	# 77
10) Methyl Iodide	4.163	142	68	7.772	ug/l	# 43
16) Acetone	4.022	43	2816	859.188	ug/l	92
20) Methylene Chloride	4.793	84	169	Below Cal	#	48
25) 2-Butanone	7.081	43	120	26.629	ug/l	# 42
26) 2,2-Dichloropropane	7.052	77	227	6.914	ug/l	# 50
37) Ethyl Acetate	7.081	43	120	11.450	ug/l	# 66
59) 2-Hexanone	10.916	43	54	8.301	ug/l	# 18
76) 1,2,3-Trichloropropane	12.569	75	648	52.705	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	648	125.110	ug/l	# 17
84) 1,2,4-Trimethylbenzene	13.210	105	219	2.348	ug/l	# 31
85) sec-Butylbenzene	13.210	105	219	1.742	ug/l	# 56
95) Naphthalene	15.322	128	240	4.295	ug/l	# 69

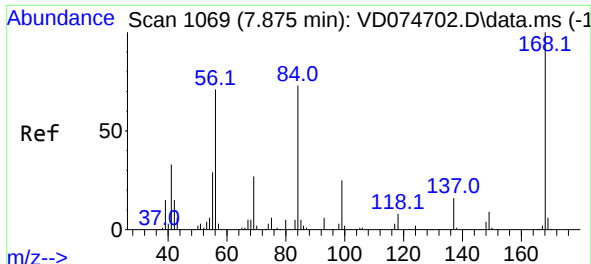
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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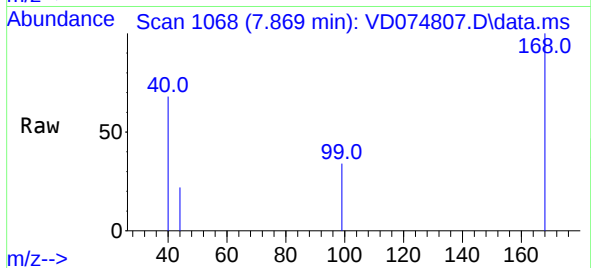
Quant Time: Nov 08 16:39:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



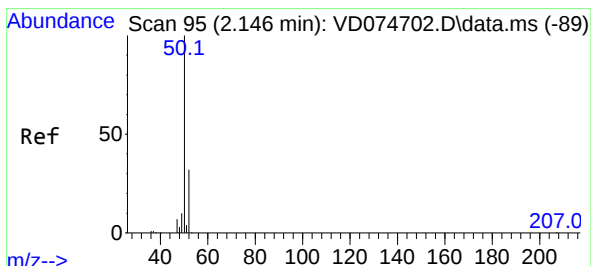
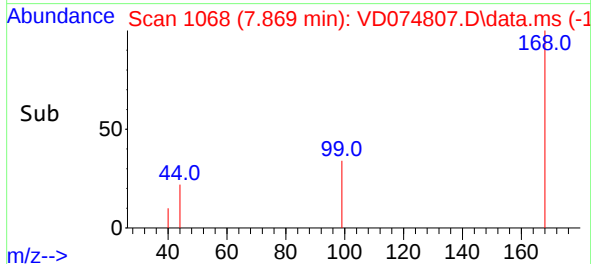
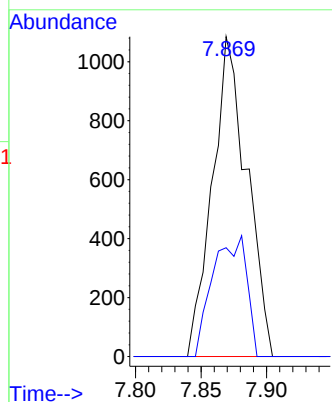


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Instrument :
MSVOA_D
ClientSampleId :

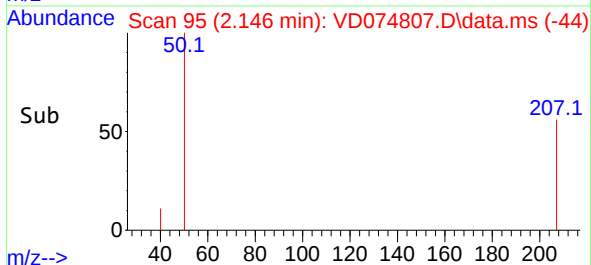
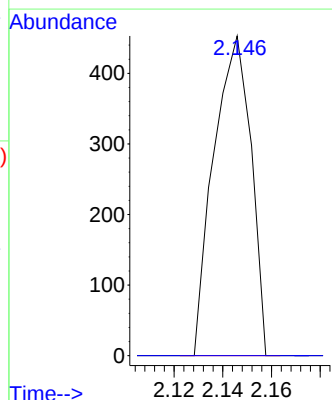
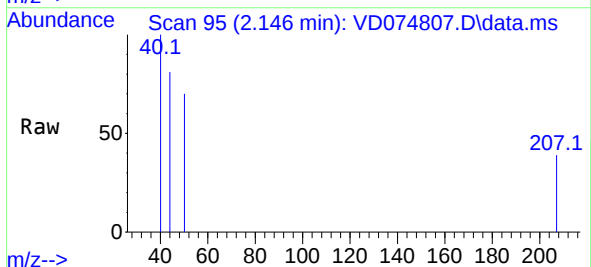


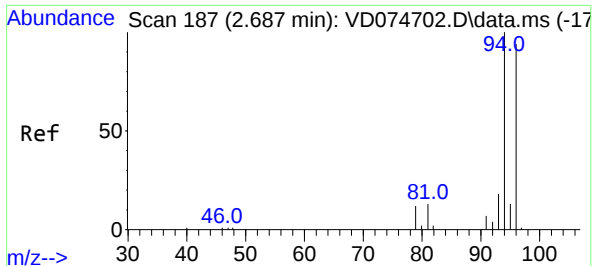
Tgt Ion:168 Resp: 1983
Ion Ratio Lower Upper
168 100
99 34.0 40.9 61.3#



#3
Chloromethane
Concen: 18.469 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

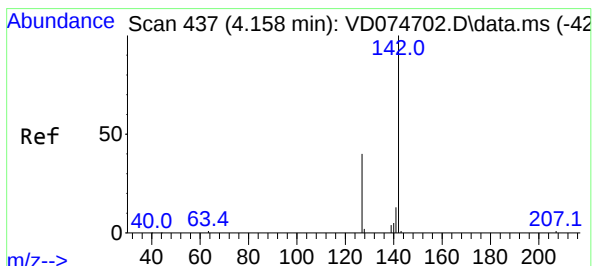
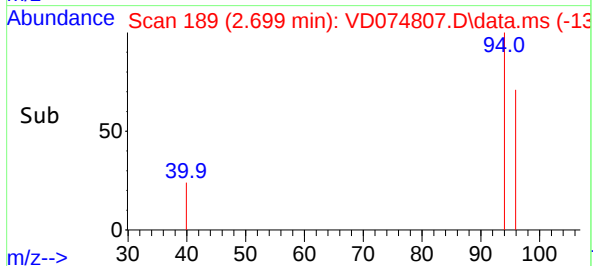
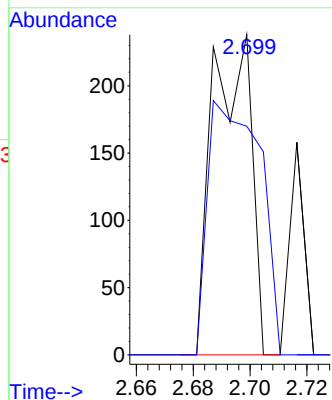
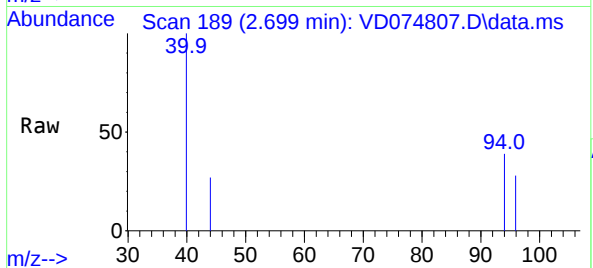




#5
Bromomethane
Concen: 10.465 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

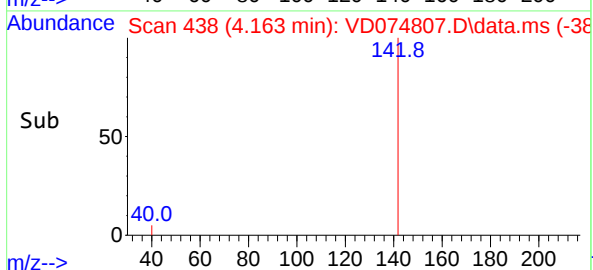
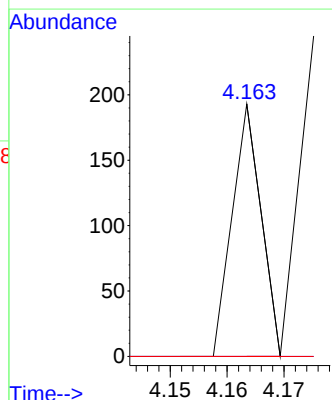
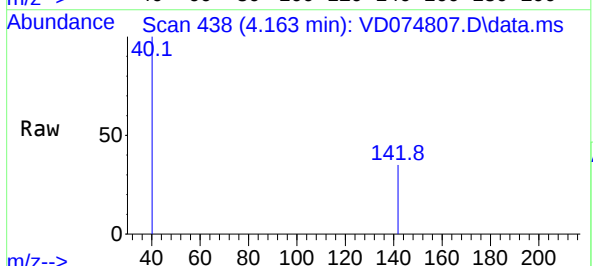
Instrument :
MSVOA_D
ClientSampleId :

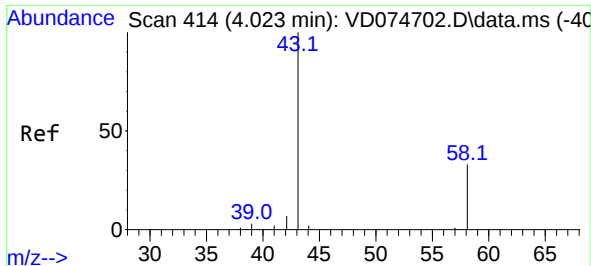
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 71.4 74.6 112.0#



#10
Methyl Iodide
Concen: 7.772 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

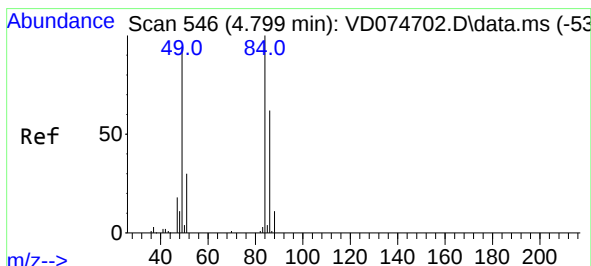
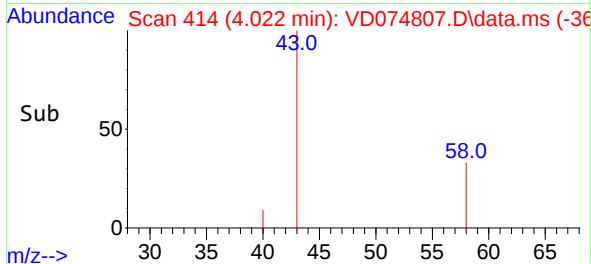
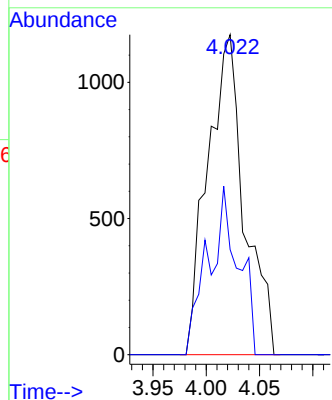
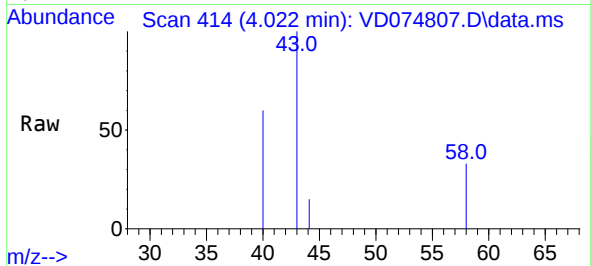




#16
Acetone
Concen: 859.188 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

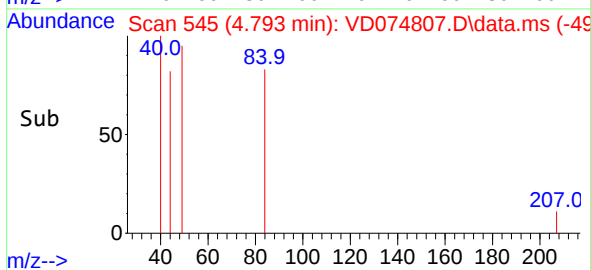
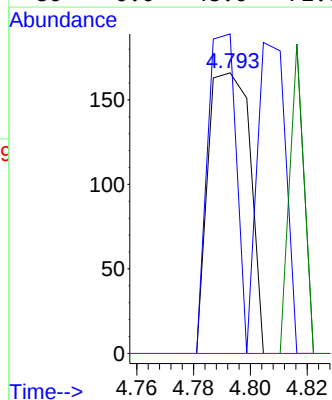
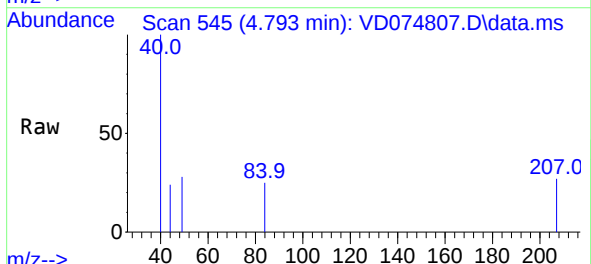
Instrument :
MSVOA_D
ClientSampleId :

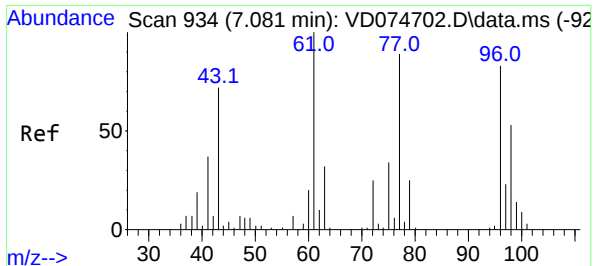
Tgt Ion: 43 Resp: 2816
Ion Ratio Lower Upper
43 100
58 32.9 30.2 45.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion: 84 Resp: 169
Ion Ratio Lower Upper
84 100
49 113.9 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

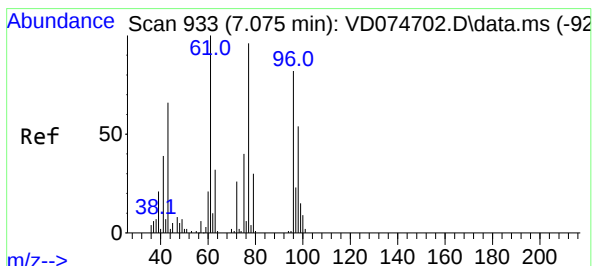
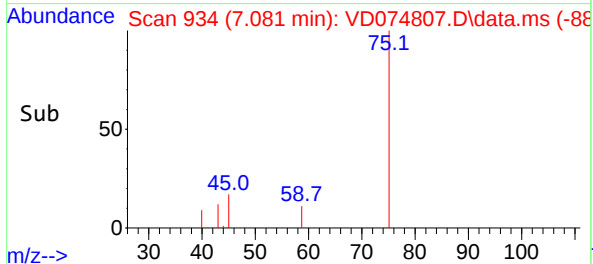
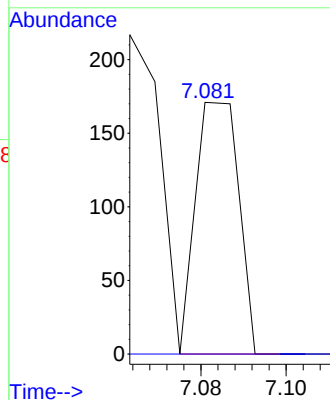
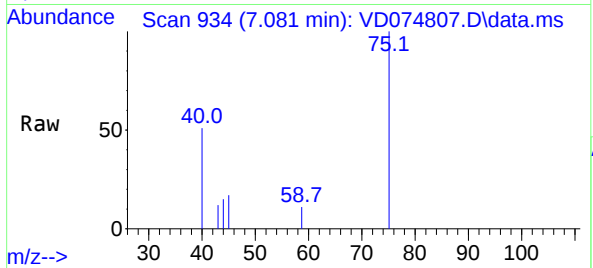




#25
2-Butanone
Concen: 26.629 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

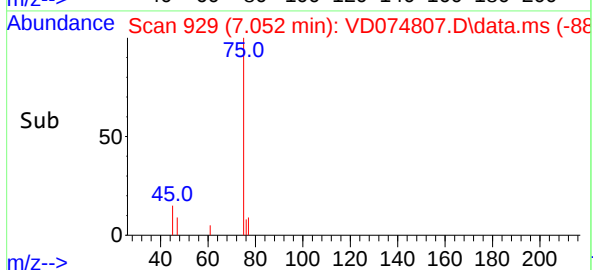
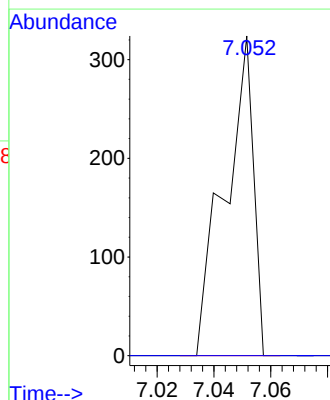
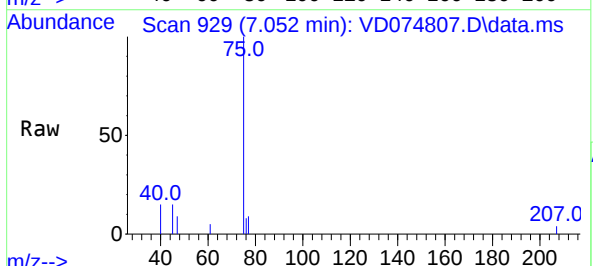
Instrument :
MSVOA_D
ClientSampleId :

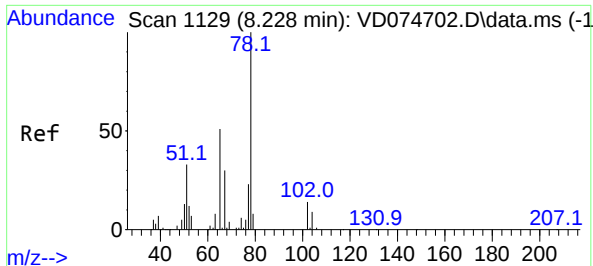
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 6.914 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.023 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion: 77 Resp: 227
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 121.548 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

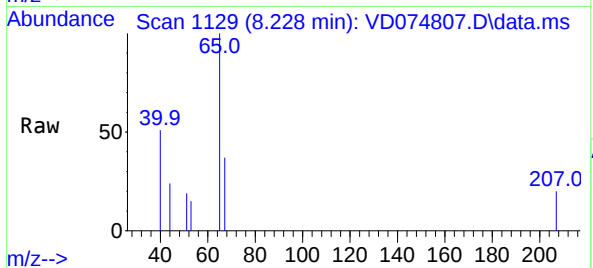
Lab File: VD074807.D

Acq: 08 Nov 2022 16:30

Instrument :

MSVOA_D

ClientSampleId :

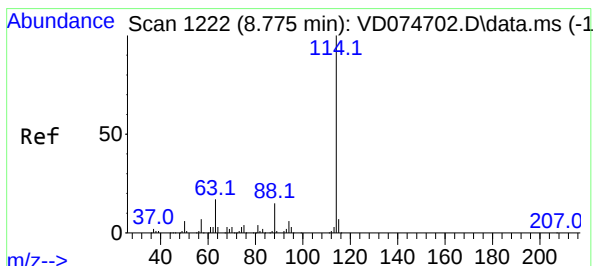
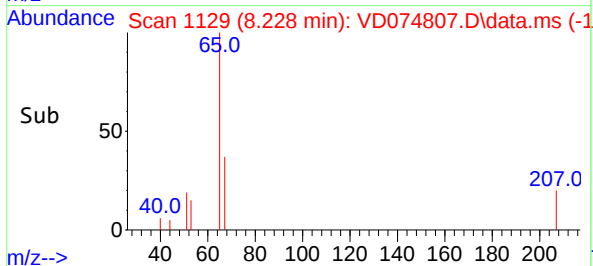
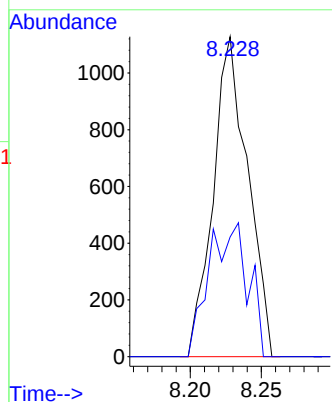


Tgt Ion: 65 Resp: 1909

Ion Ratio Lower Upper

65 100

67 47.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074807.D

Acq: 08 Nov 2022 16:30

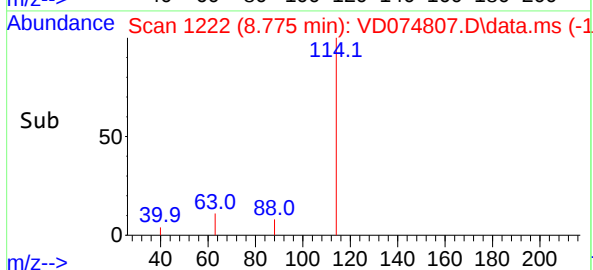
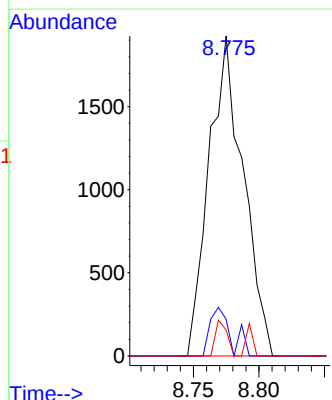
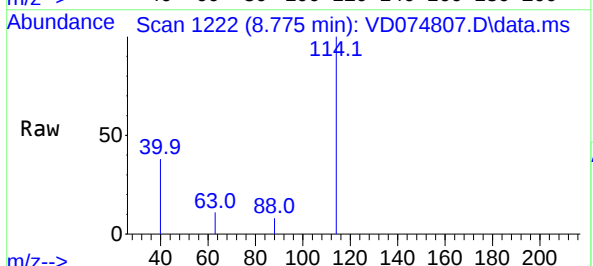
Tgt Ion: 114 Resp: 3499

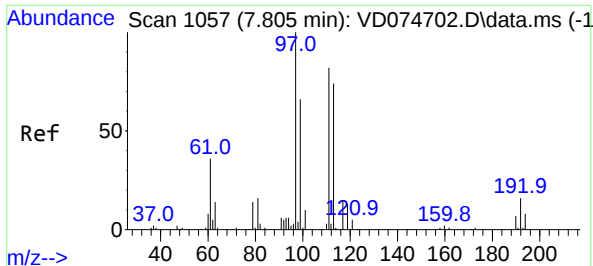
Ion Ratio Lower Upper

114 100

63 11.4 0.0 33.2

88 8.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 64.257 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

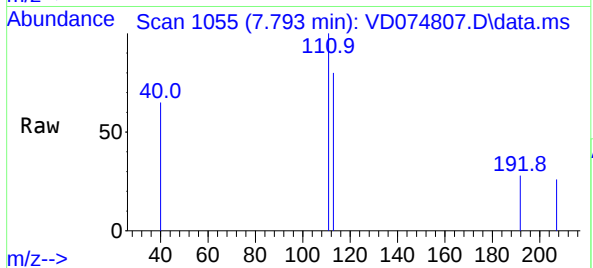
Lab File: VD074807.D

Acq: 08 Nov 2022 16:30

Instrument :

MSVOA_D

ClientSampleId :



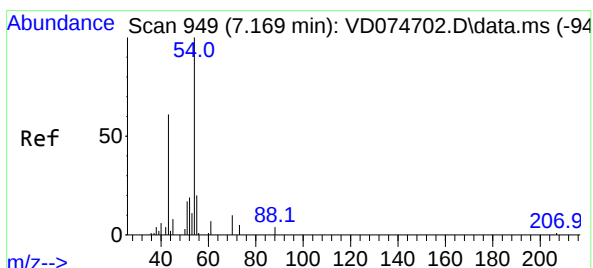
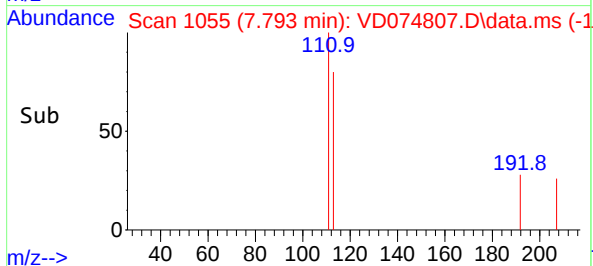
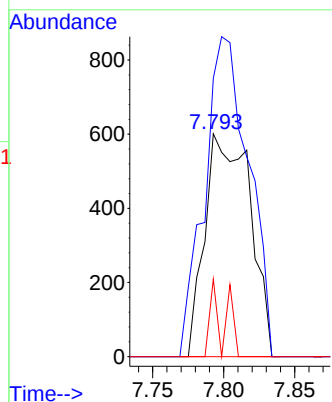
Tgt Ion:113 Resp: 1330

Ion Ratio Lower Upper

113 100

111 140.4 82.3 123.5#

192 10.7 16.4 24.6#



#37

Ethyl Acetate

Concen: 11.450 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074807.D

Acq: 08 Nov 2022 16:30

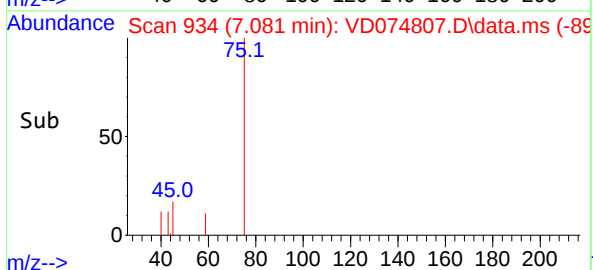
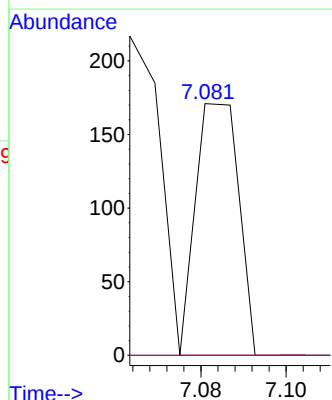
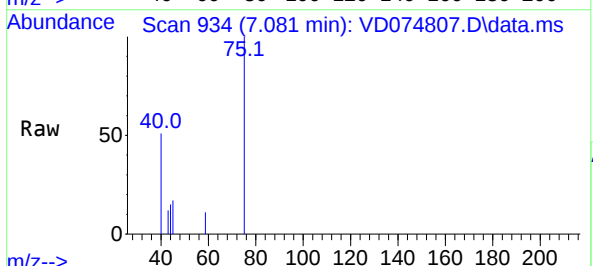
Tgt Ion: 43 Resp: 120

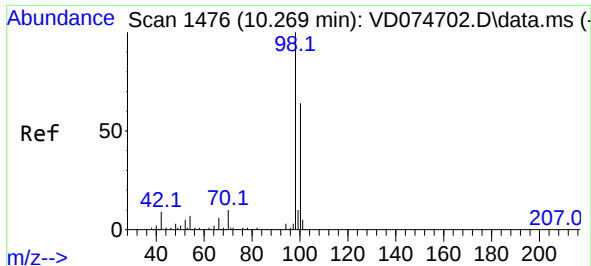
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#

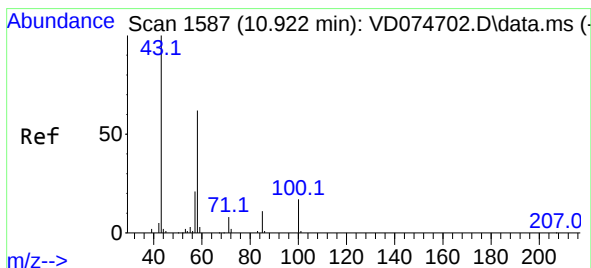
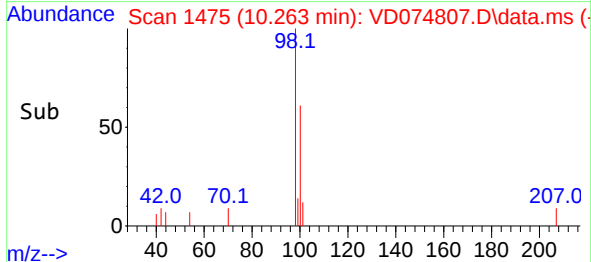
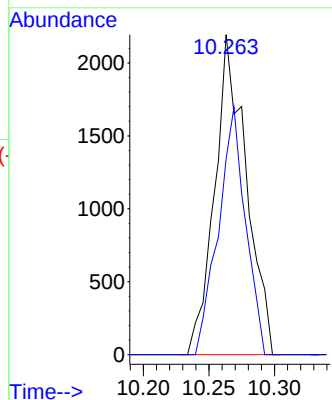
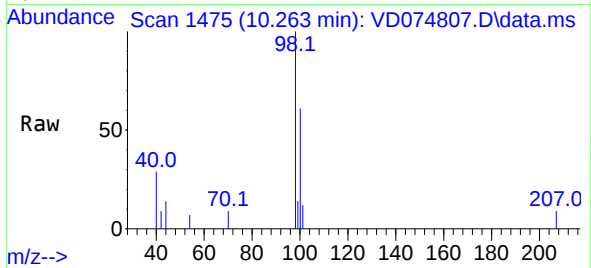




#50
Toluene-d8
Concen: 48.662 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

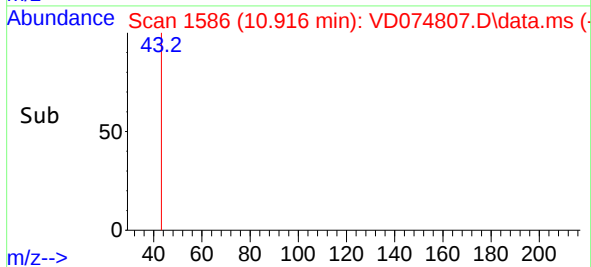
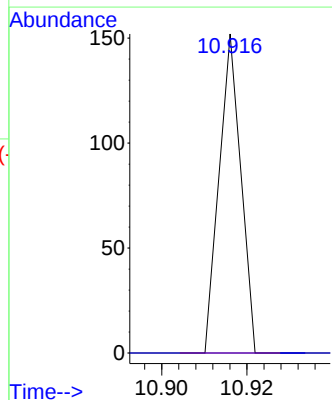
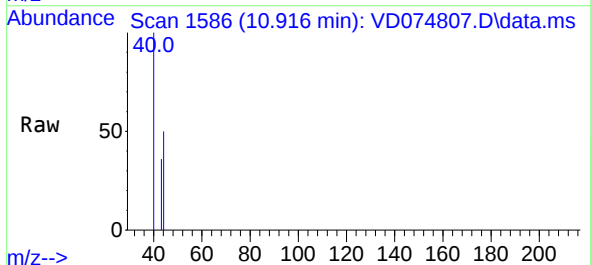
Instrument :
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ClientSampleId :

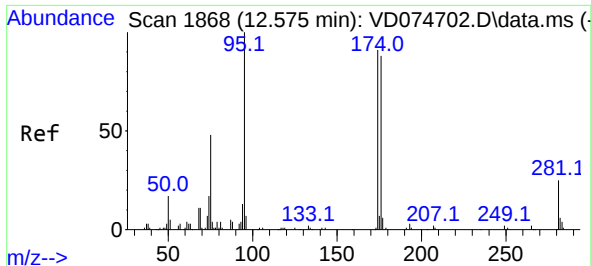
Tgt Ion: 98 Resp: 3674
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0



#59
2-Hexanone
Concen: 8.301 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

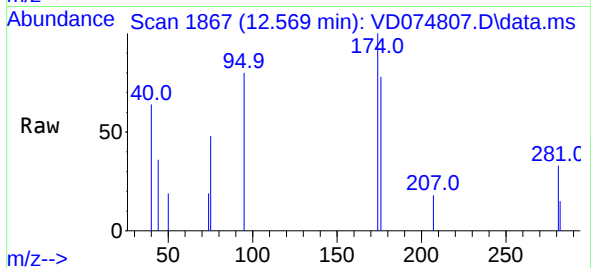
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#



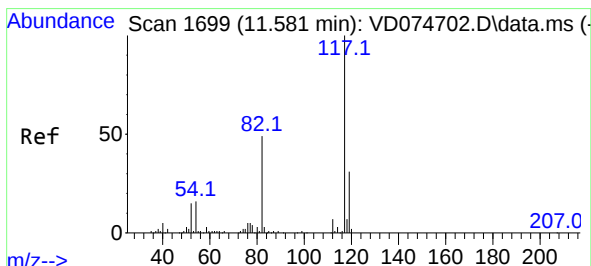
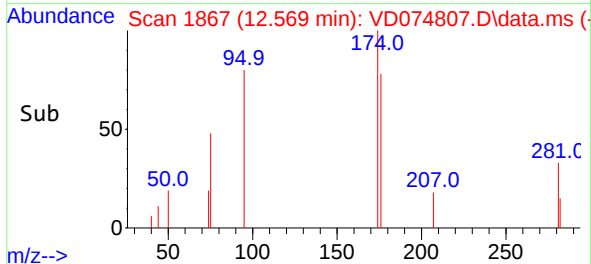
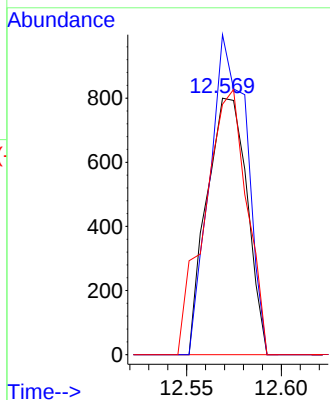


#62
4-Bromofluorobenzene
Concen: 54.084 ug/l
RT: 12.569 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Instrument :
MSVOA_D
ClientSampleId :

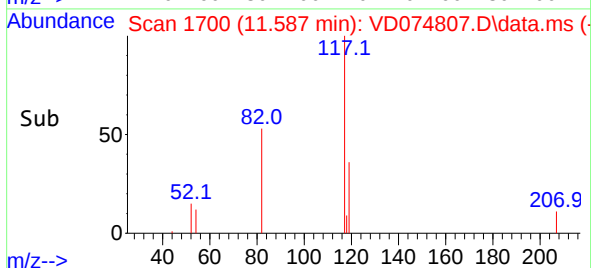
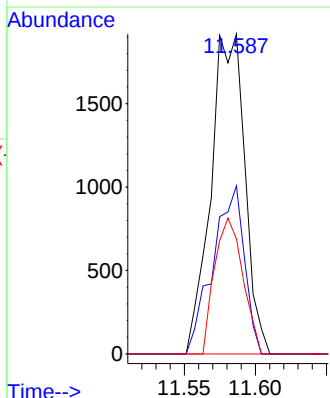
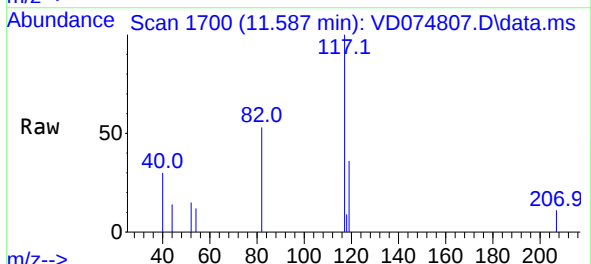


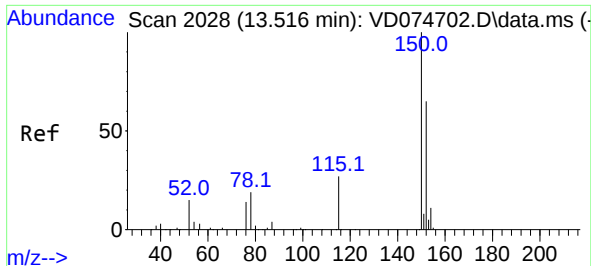
Tgt Ion: 95 Resp: 1179
Ion Ratio Lower Upper
95 100
174 114.1 0.0 197.0
176 108.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

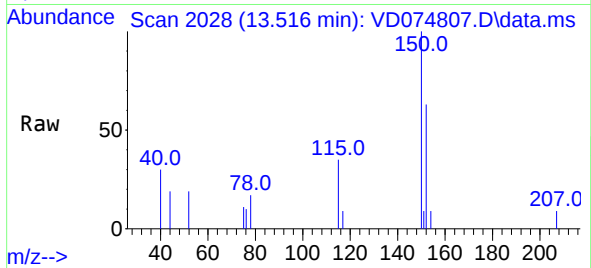
Tgt Ion: 117 Resp: 3190
Ion Ratio Lower Upper
117 100
82 52.6 41.6 62.4
119 36.0 25.2 37.8



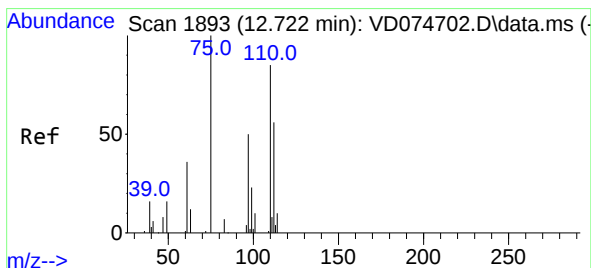
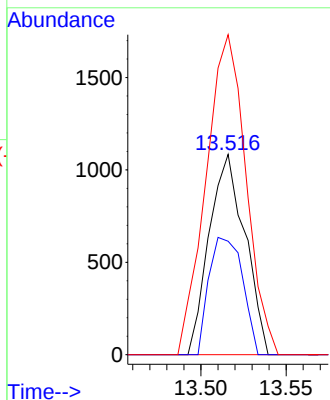
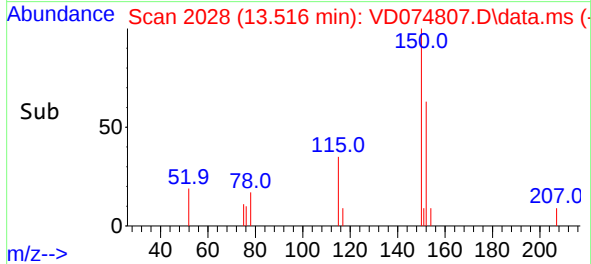


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Instrument :
MSVOA_D
ClientSampleId :

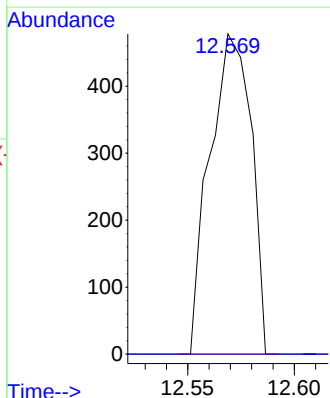
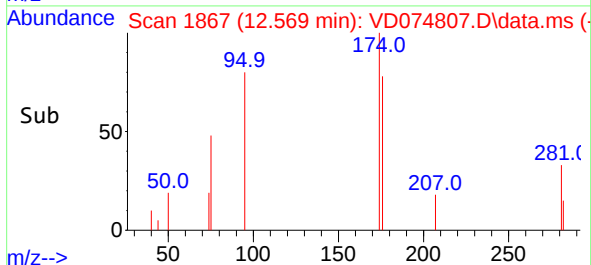
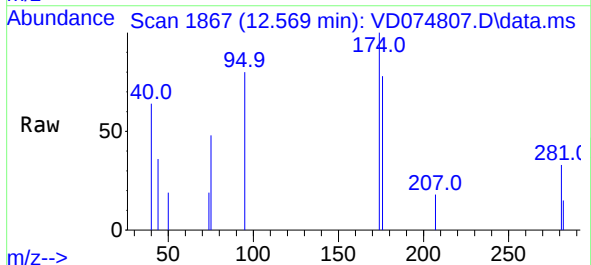


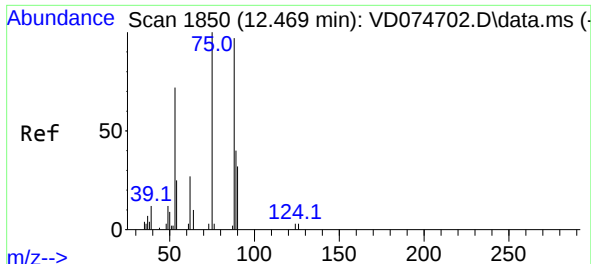
Tgt Ion:152 Resp: 1586
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 178.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 52.705 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

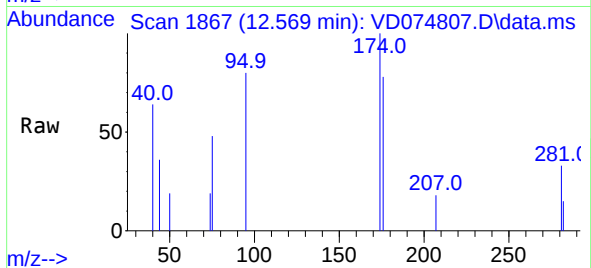
Tgt Ion: 75 Resp: 648
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



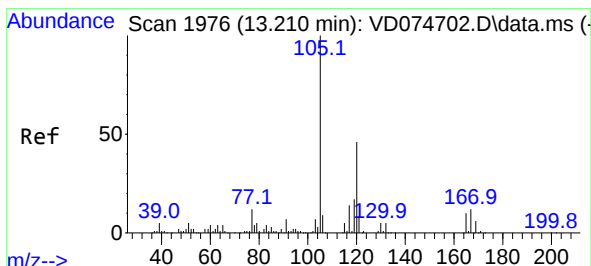
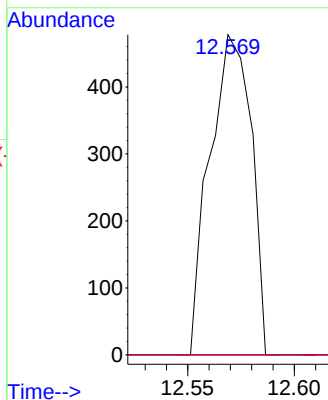
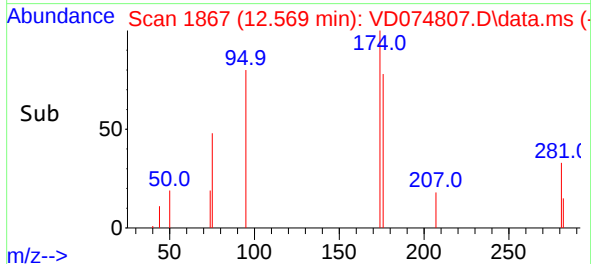


#81
trans-1,4-Dichloro-2-butene
Concen: 125.110 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

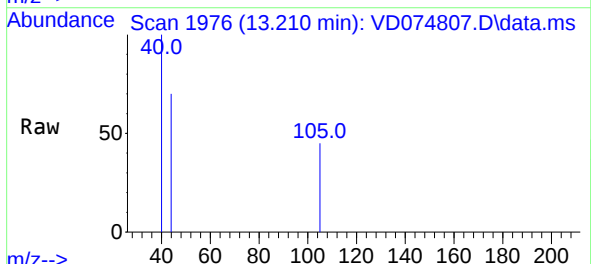
Instrument :
MSVOA_D
ClientSampleId :



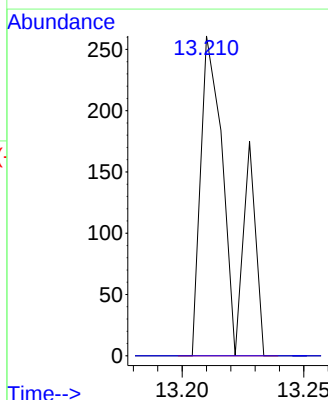
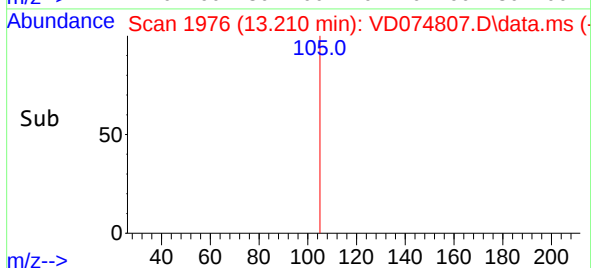
Tgt Ion: 75 Resp: 648
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

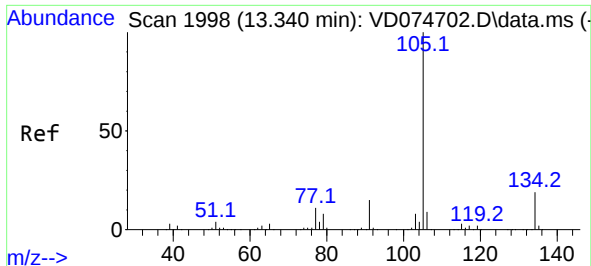


#84
1,2,4-Trimethylbenzene
Concen: 2.348 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30



Tgt Ion: 105 Resp: 219
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#

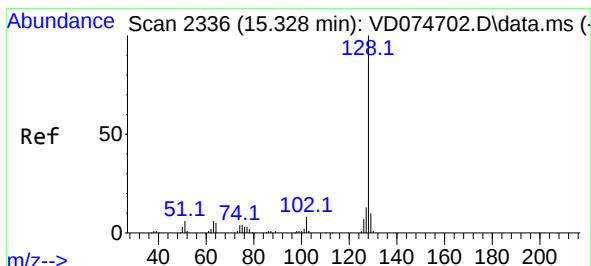
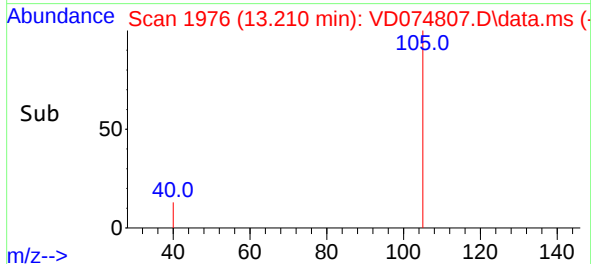
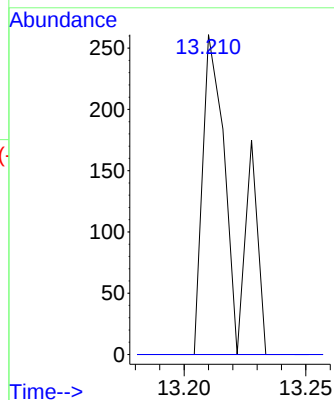
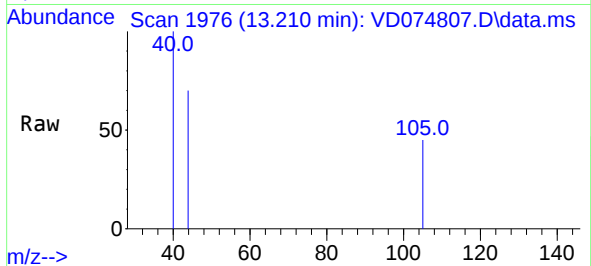




#85
sec-Butylbenzene
Concen: 1.742 ug/l
RT: 13.210 min Scan# 1998
Delta R.T. -0.130 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 219
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#



#95
Naphthalene
Concen: 4.295 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VD074807.D
Acq: 08 Nov 2022 16:30

Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

