

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD074007.D
 Acq On : 10 Aug 2022 00:56
 Operator : VA/SY
 Sample : N4046-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 01:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 01:05:43 2022
 Response via : Initial Calibration

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

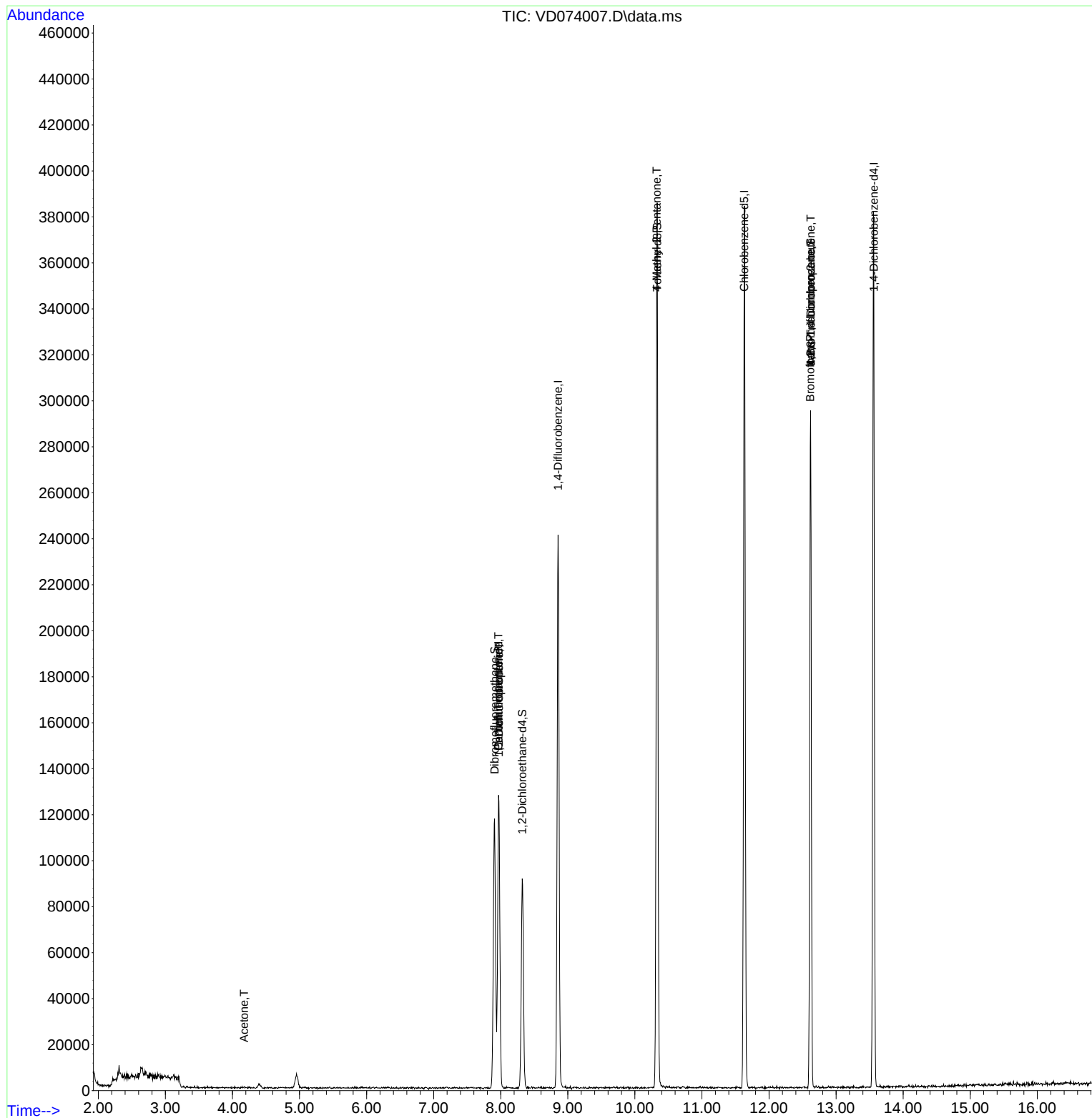
Internal Standards						
1) Pentafluorobenzene	7.967	168	90803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	204248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	214352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74296	92.288	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.580%#			
35) Dibromofluoromethane	7.909	113	81009	64.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 129.860%			
50) Toluene-d8	10.332	98	260056	70.558	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 141.120%#			
62) 4-Bromofluorobenzene	12.620	95	90996	57.446	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	64	Below Cal	#	43
3) Chloromethane	2.215	50	587	Below Cal	#	40
5) Bromomethane	2.779	94	951	Below Cal	#	75
16) Acetone	4.173	43	253	1.507 ug/l	#	46
17) Carbon Disulfide	4.403	76	3629	Below Cal	#	88
18) Methyl Acetate	4.791	43	57	Below Cal	#	49
20) Methylene Chloride	4.956	84	4277	Below Cal	#	80
31) Cyclohexane	7.973	56	2467	Below Cal	#	53
36) 1,1-Dichloropropene	7.973	75	7563	4.306 ug/l	#	51
38) Carbon Tetrachloride	7.967	117	10127	4.898 ug/l	#	15
51) 4-Methyl-2-Pentanone	10.326	43	1209	1.622 ug/l	#	1
71) Bromoform	12.614	173	1102	1.154 ug/l	#	29
76) 1,2,3-Trichloropropane	12.620	75	50997	68.201 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	50997	146.583 ug/l	#	13

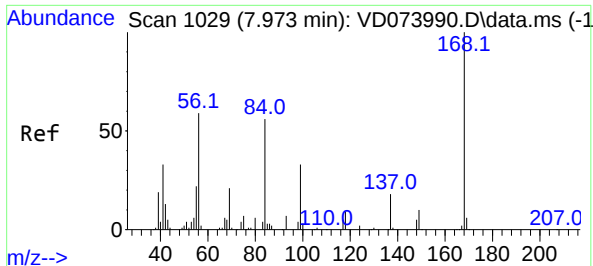
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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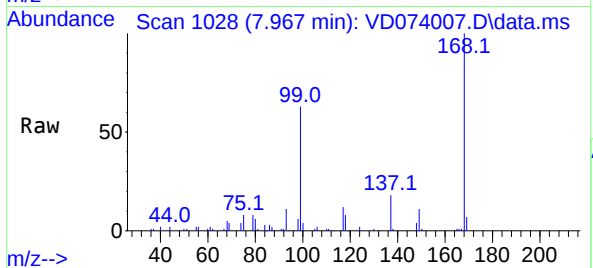
Quant Time: Aug 10 01:25:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 01:05:43 2022
Response via : Initial Calibration



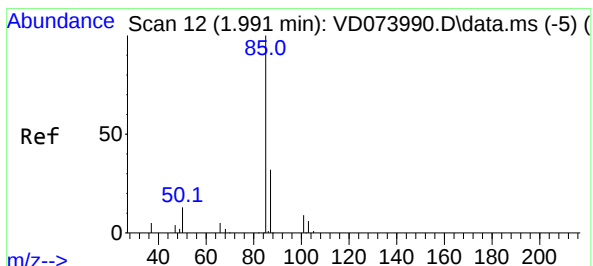
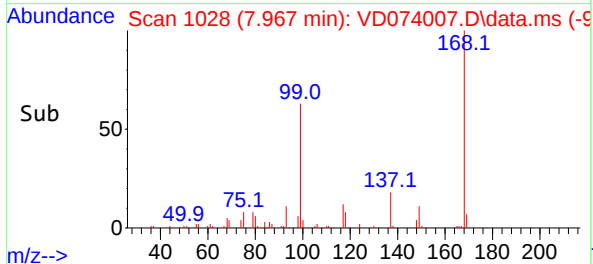
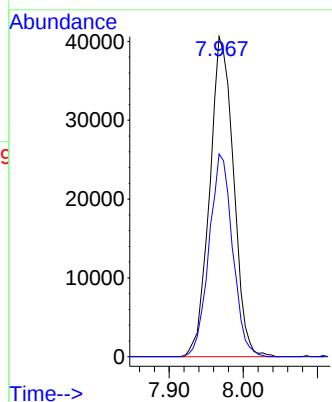


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Instrument :
MSVOA_D
ClientSampleId :

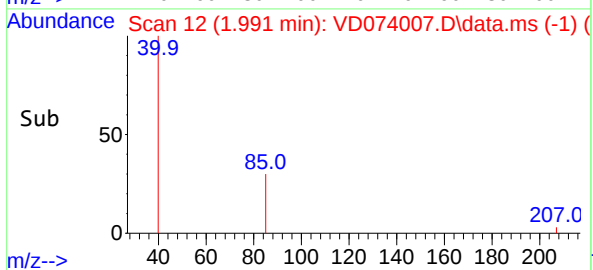
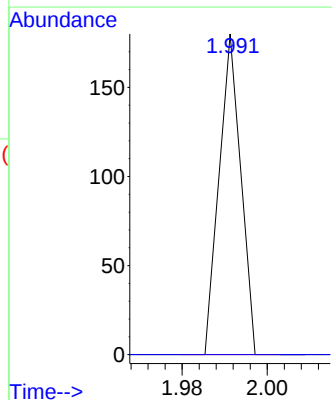
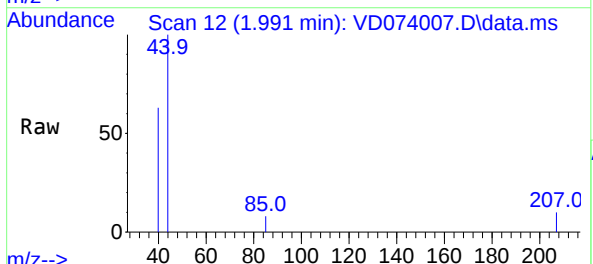


Tgt Ion:168 Resp: 90803
Ion Ratio Lower Upper
168 100
99 63.3 48.3 72.5

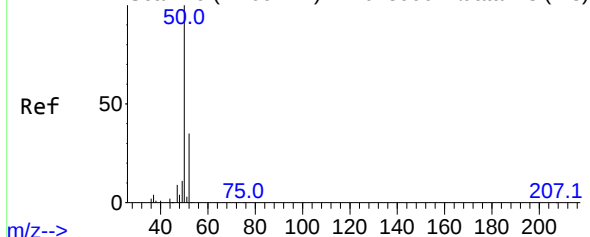


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Tgt Ion: 85 Resp: 64
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9#



Abundance Scan 49 (2.209 min): VD073990.D\data.ms (-43)

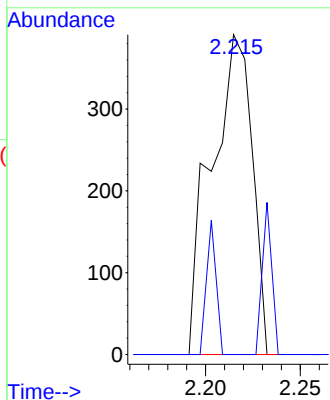
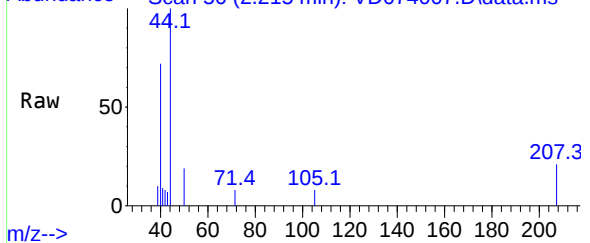


#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

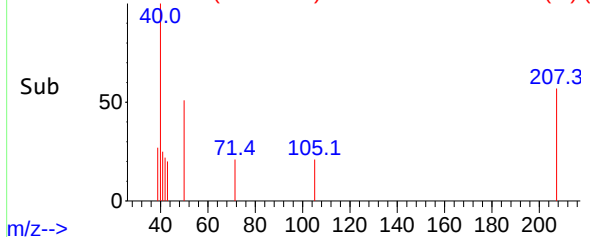
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 587
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#

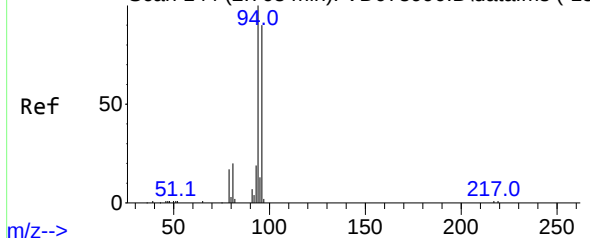
Abundance Scan 50 (2.215 min): VD074007.D\data.ms



Abundance Scan 50 (2.215 min): VD074007.D\data.ms (-1)



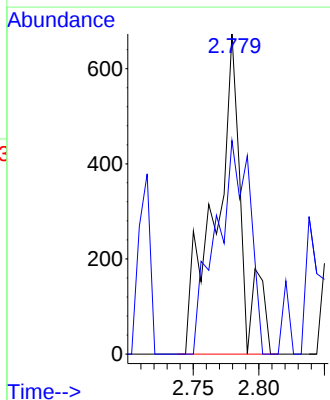
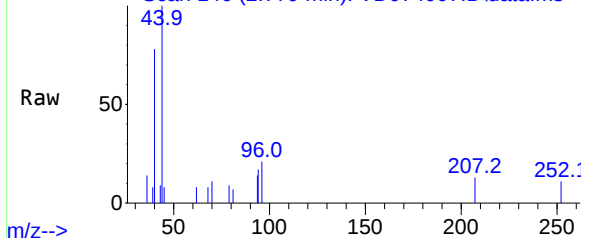
Abundance Scan 144 (2.768 min): VD073990.D\data.ms (-13)



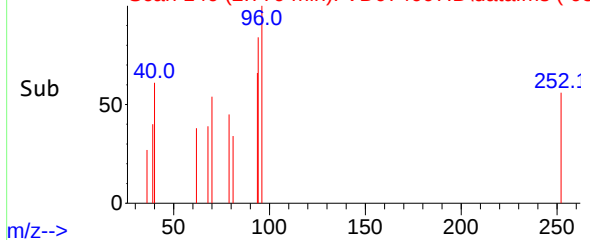
#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

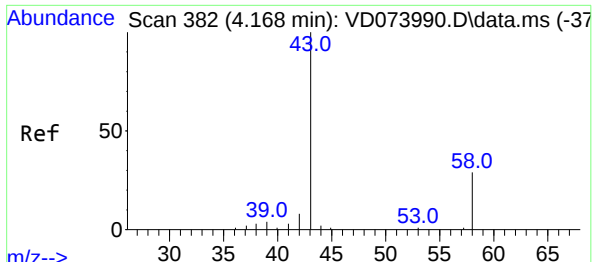
Tgt Ion: 94 Resp: 951
Ion Ratio Lower Upper
94 100
96 66.7 72.0 108.0#

Abundance Scan 146 (2.779 min): VD074007.D\data.ms



Abundance Scan 146 (2.779 min): VD074007.D\data.ms (-93)

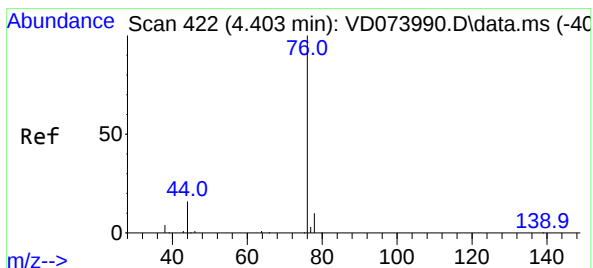
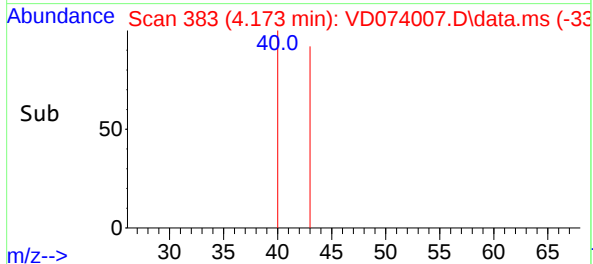
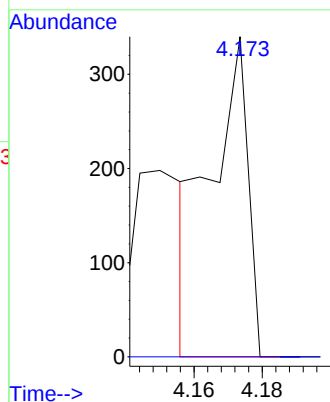
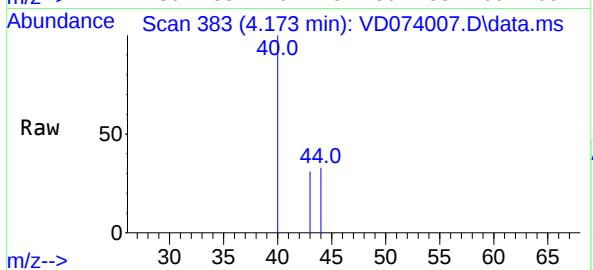




#16
Acetone
Concen: 1.507 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.005 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

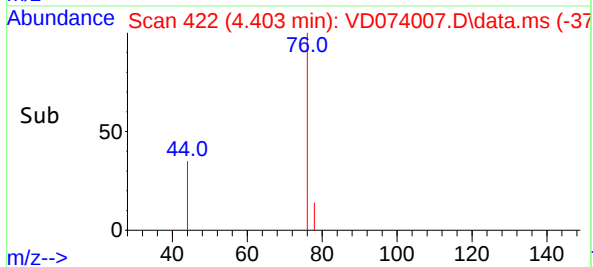
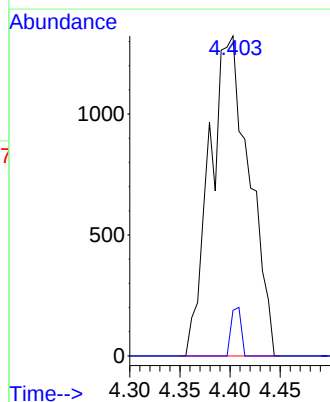
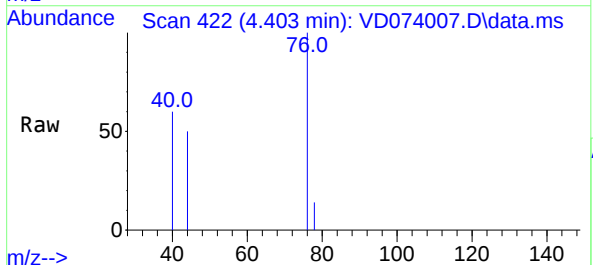
Instrument :
MSVOA_D
ClientSampleId :

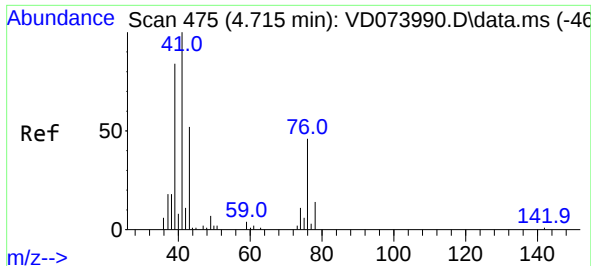
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 422
Delta R.T. -0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Tgt Ion: 76 Resp: 3629
Ion Ratio Lower Upper
76 100
78 14.2 7.9 11.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.791 min Scan# 41

Delta R.T. 0.076 min

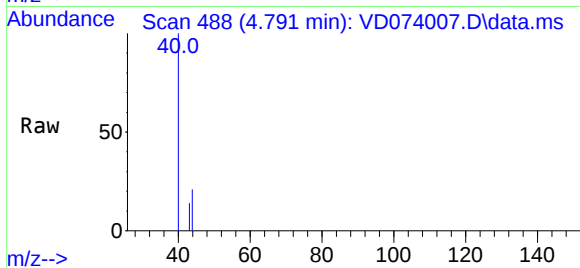
Lab File: VD074007.D

Acq: 10 Aug 2022 00:56

Instrument :

MSVOA_D

ClientSampleId :

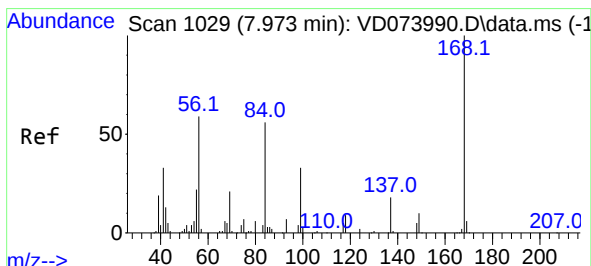
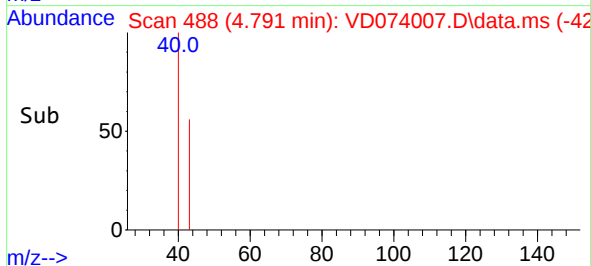
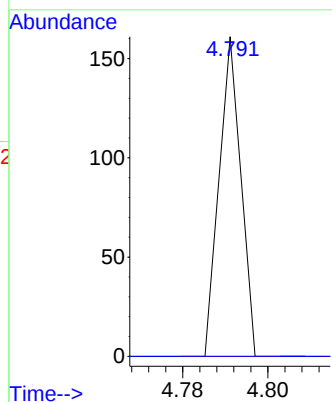


Tgt Ion: 43 Resp: 57

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#



#31

Cyclohexane

Concen: Below Cal

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD074007.D

Acq: 10 Aug 2022 00:56

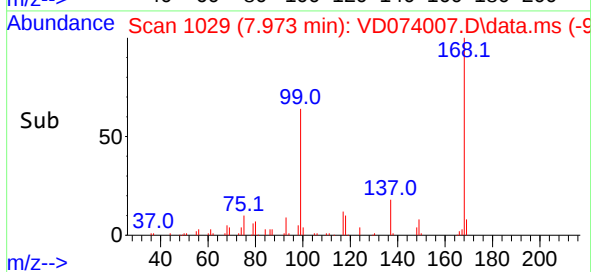
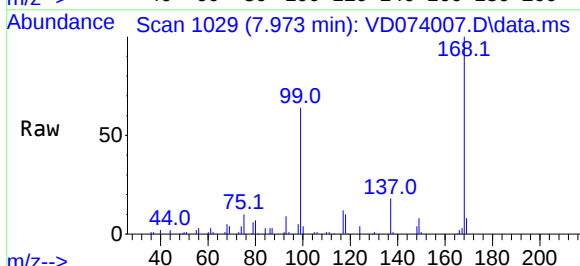
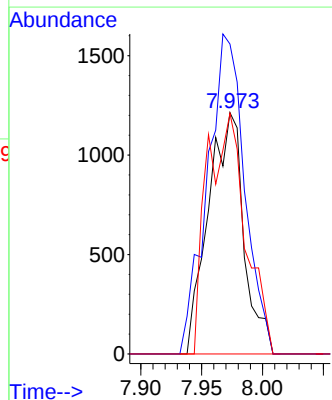
Tgt Ion: 56 Resp: 2467

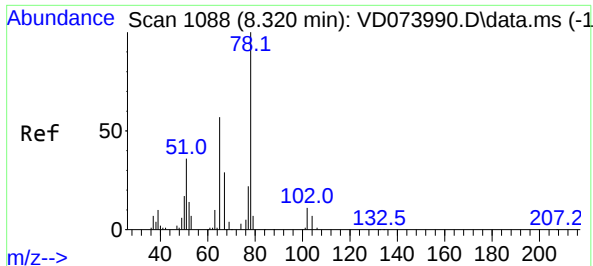
Ion Ratio Lower Upper

56 100

69 128.4 27.9 41.9#

84 99.7 75.8 113.6





#33

1,2-Dichloroethane-d4

Concen: 92.288 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074007.D

Acq: 10 Aug 2022 00:56

Instrument :

MSVOA_D

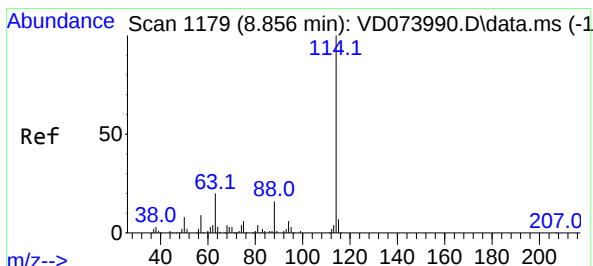
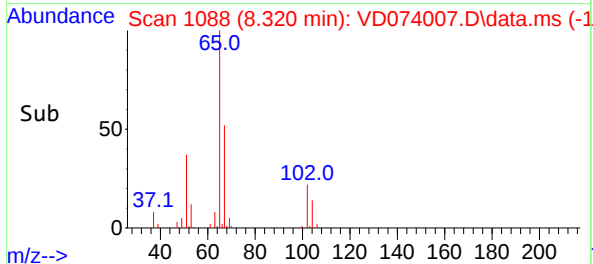
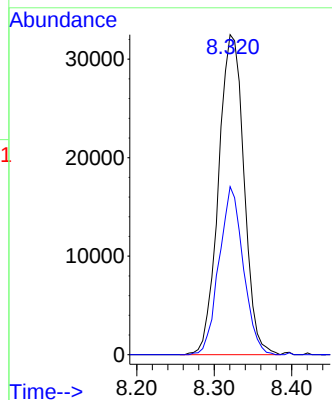
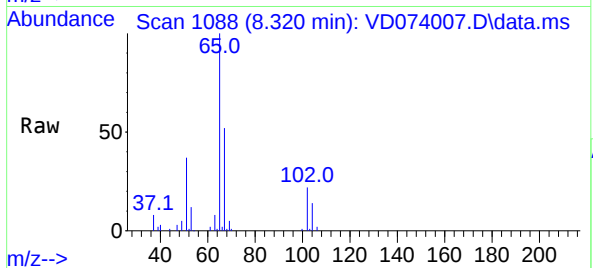
ClientSampleId :

Tgt Ion: 65 Resp: 74296

Ion Ratio Lower Upper

65 100

67 49.8 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074007.D

Acq: 10 Aug 2022 00:56

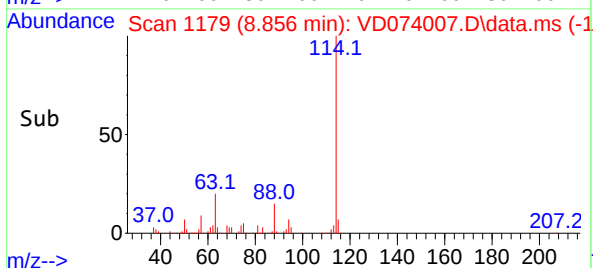
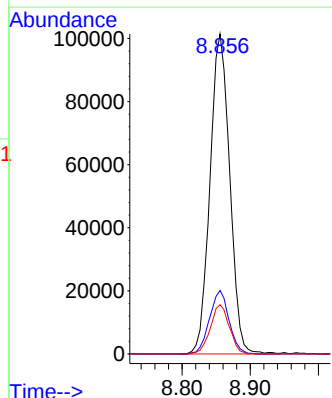
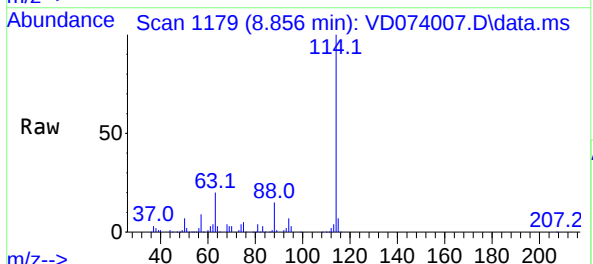
Tgt Ion: 114 Resp: 204248

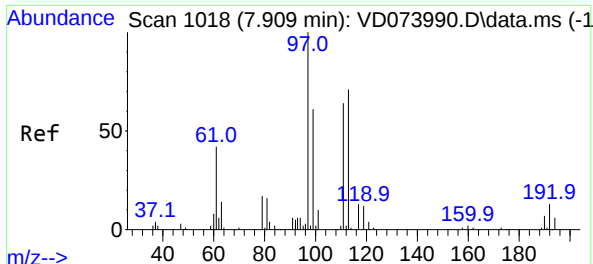
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.4 0.0 31.6

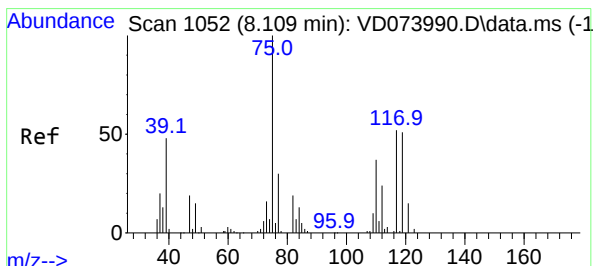
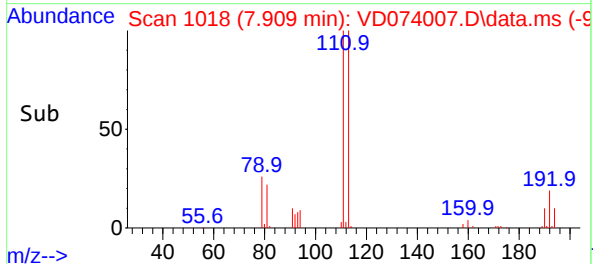
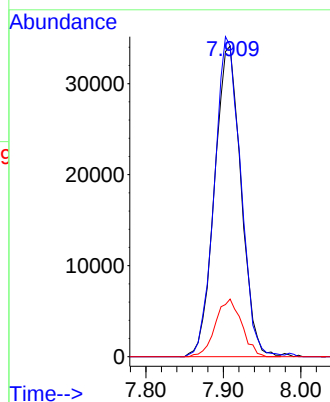
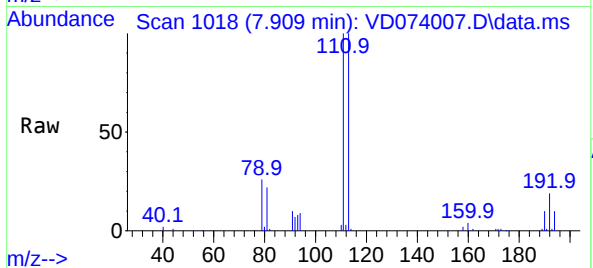




#35
Dibromofluoromethane
Concen: 64.927 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

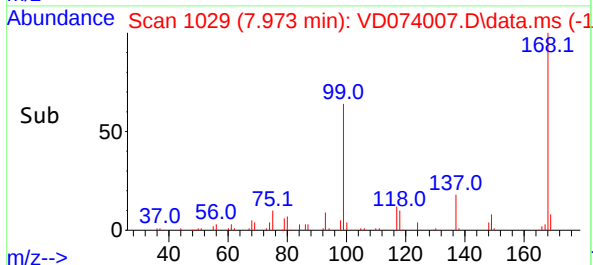
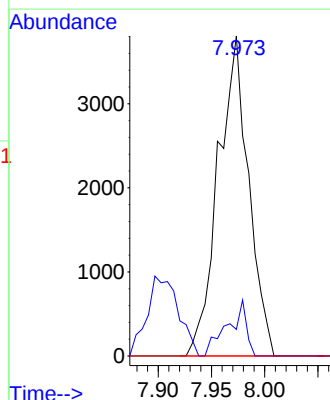
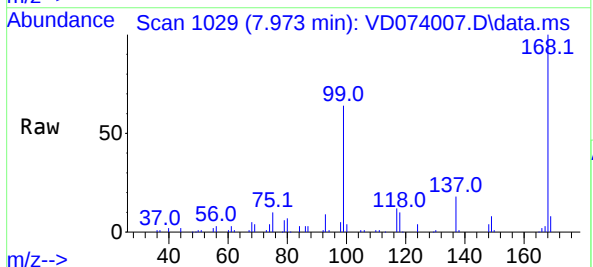
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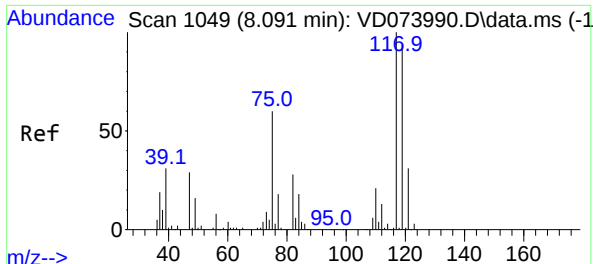
Tgt Ion:113 Resp: 81009
Ion Ratio Lower Upper
113 100
111 102.1 80.0 120.0
192 18.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.306 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

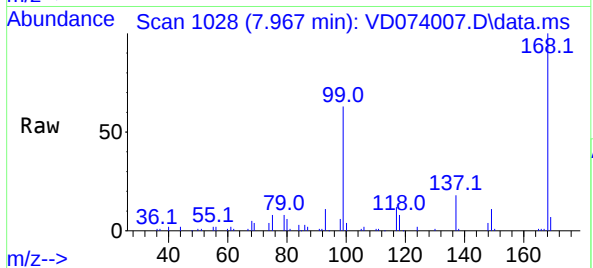
Tgt Ion: 75 Resp: 7563
Ion Ratio Lower Upper
75 100
110 10.9 18.4 55.4#
77 0.0 24.6 36.8#



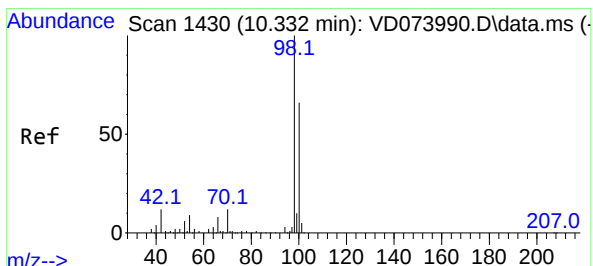
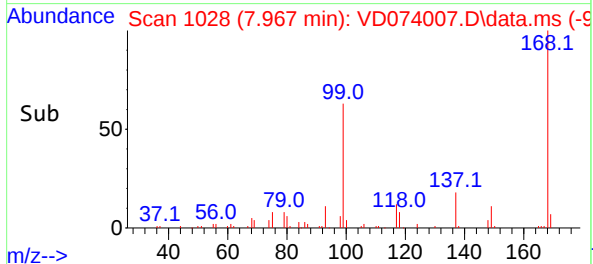
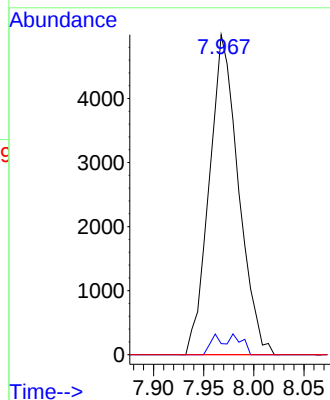


#38
Carbon Tetrachloride
Concen: 4.898 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Instrument :
MSVOA_D
ClientSampleId :

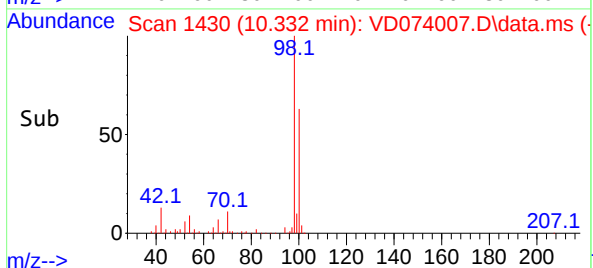
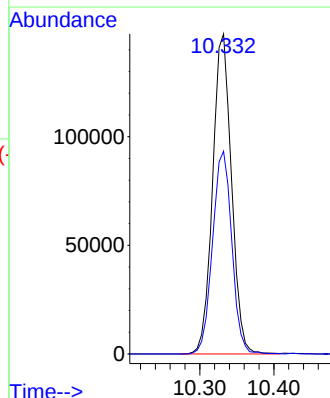
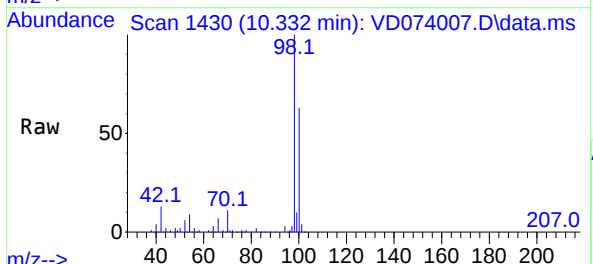


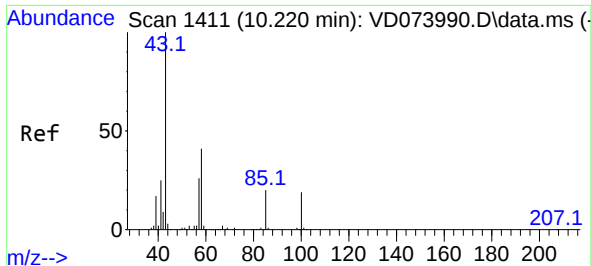
Tgt Ion:117 Resp: 10127
Ion Ratio Lower Upper
117 100
119 3.5 75.4 113.2#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 70.558 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Tgt Ion: 98 Resp: 260056
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

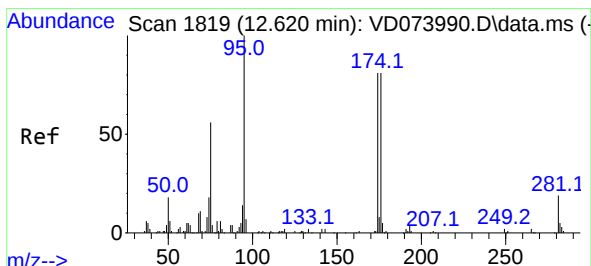
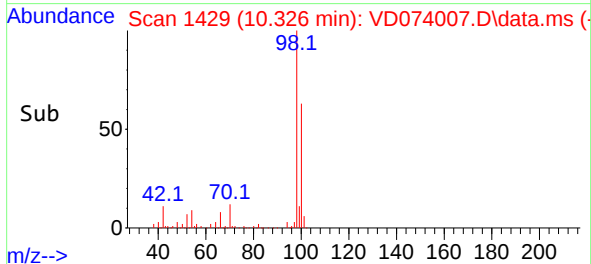
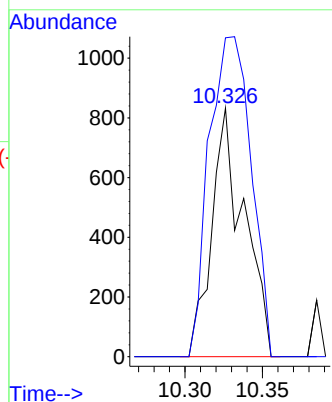
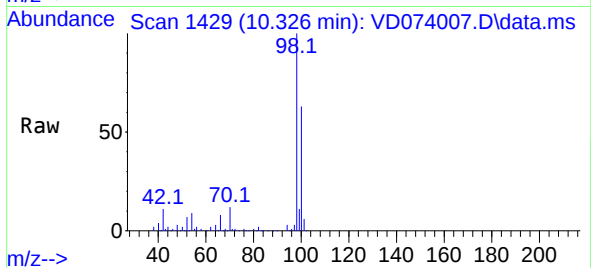




#51
4-Methyl-2-Pentanone
Concen: 1.622 ug/l
RT: 10.326 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

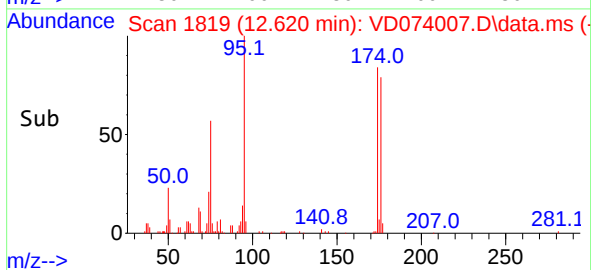
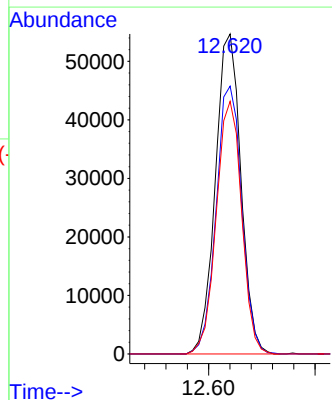
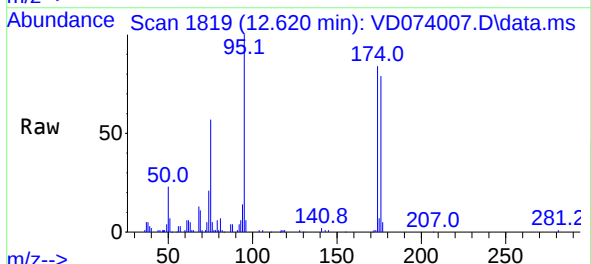
Instrument :
MSVOA_D
ClientSampleId :

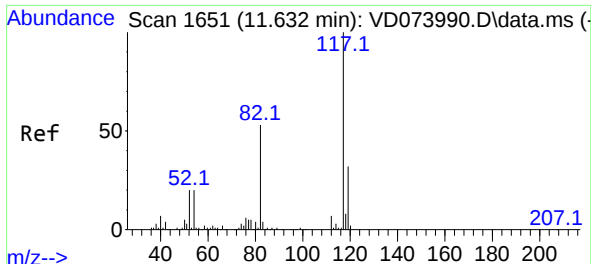
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 167.5 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 57.446 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

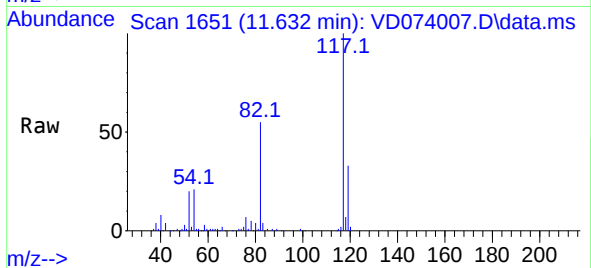
Tgt Ion: 95 Resp: 90996
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.6
176 78.2 0.0 160.0



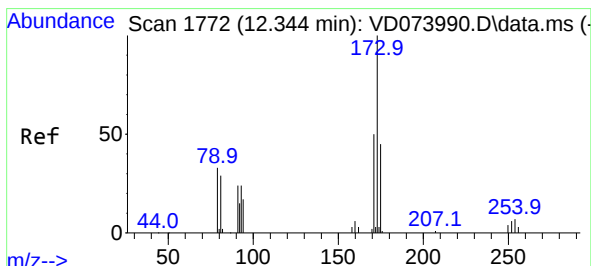
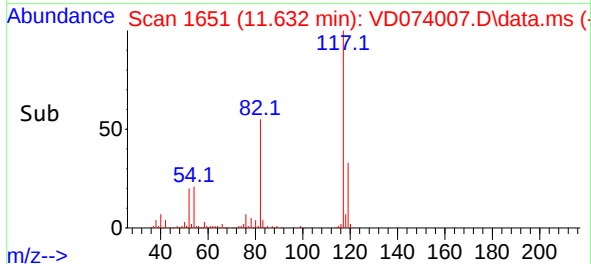
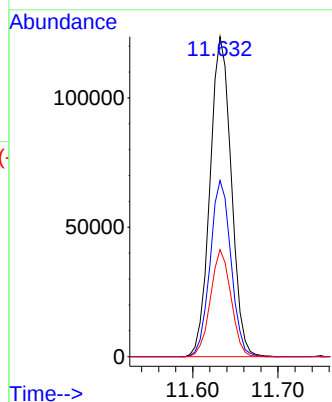


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Instrument :
MSVOA_D
ClientSampleId :

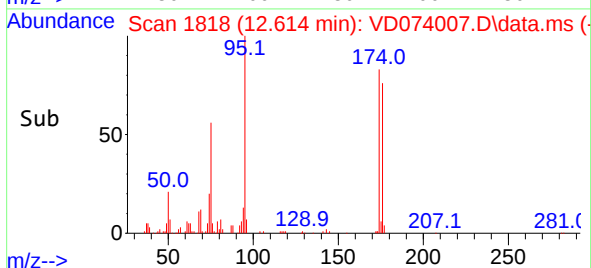
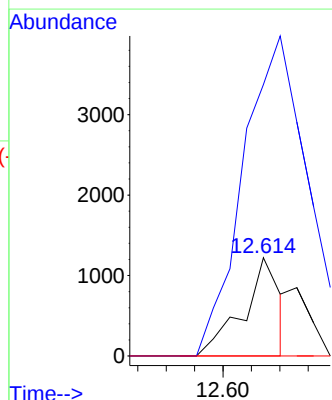
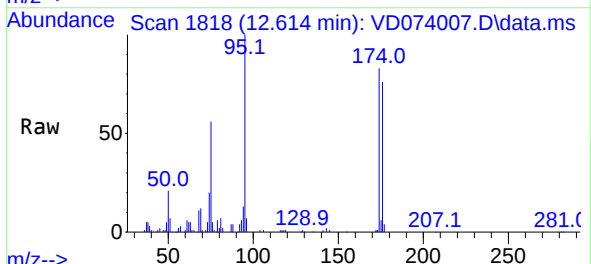


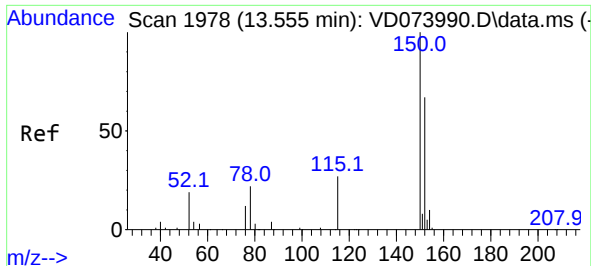
Tgt Ion:117 Resp: 214352
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 33.5 25.8 38.8



#71
Bromoform
Concen: 1.154 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.271 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

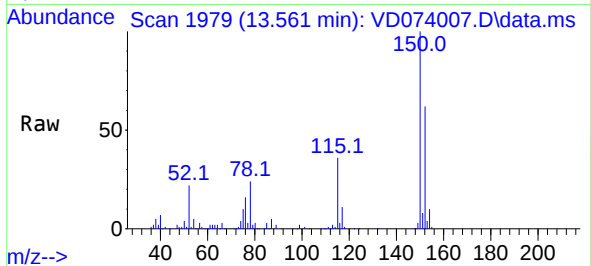
Tgt Ion:173 Resp: 1102
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



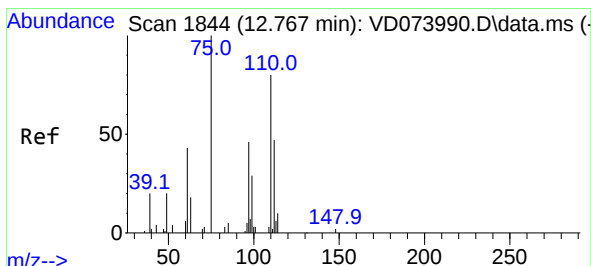
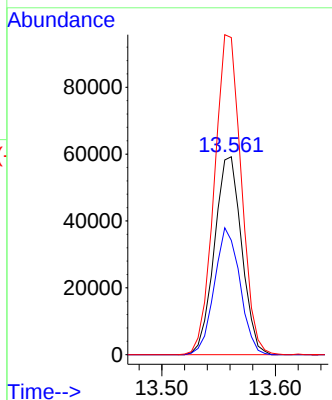
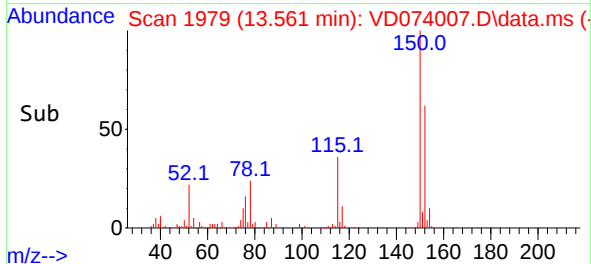


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Instrument :
MSVOA_D
ClientSampleId :

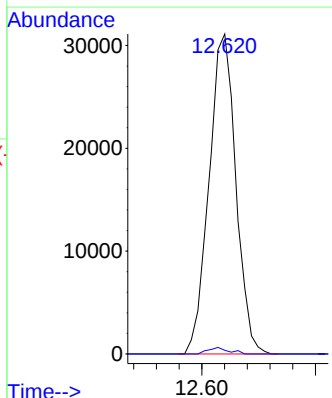
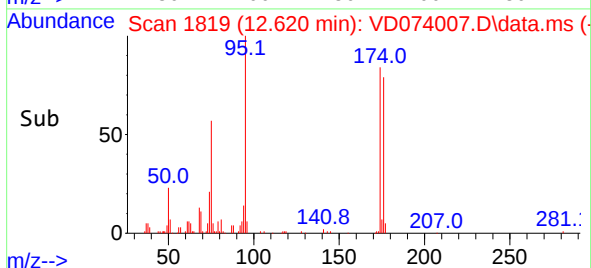
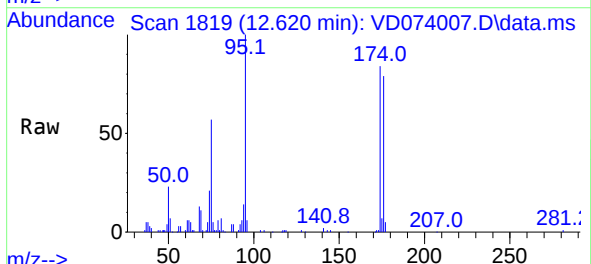


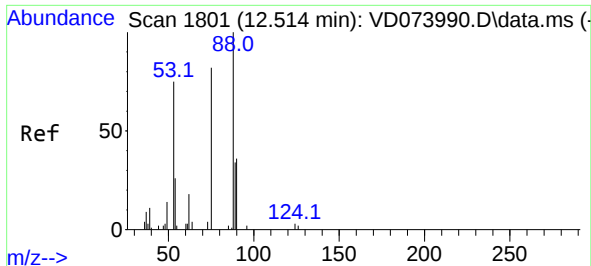
Tgt Ion:152 Resp: 98653
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.8
150 159.4 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 68.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

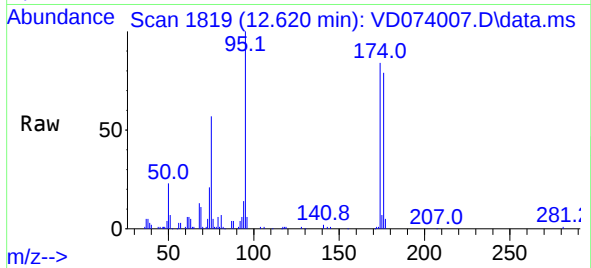
Tgt Ion: 75 Resp: 50997
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.583 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074007.D
Acq: 10 Aug 2022 00:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 50997
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

