

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073875.D
 Acq On : 20 Jul 2022 11:26
 Operator : VA/SY
 Sample : VD0720SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0720SBL01

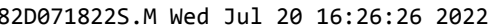
Quant Time: Jul 20 16:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

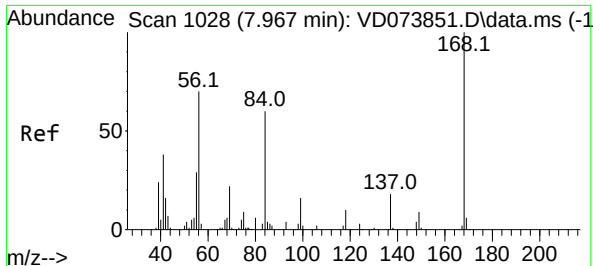
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	130516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	267870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	260671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	83994	53.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.902	113	94673	50.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.331	98	335883	48.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.614	95	113377	48.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.140%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	124	Below Cal	#	43
3) Chloromethane	2.208	50	1370	Below Cal	#	77
16) Acetone	4.161	43	1394	5.451	ug/l #	47
18) Methyl Acetate	4.532	43	63	Below Cal	#	55
20) Methylene Chloride	4.955	84	10464	Below Cal	#	74
31) Cyclohexane	7.961	56	3590	1.450	ug/l #	50
36) 1,1-Dichloropropene	7.967	75	10963	4.021	ug/l #	51
38) Carbon Tetrachloride	7.967	117	13918	4.470	ug/l #	18
76) 1,2,3-Trichloropropane	12.614	75	62824	49.566	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	62824	133.751	ug/l #	7

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

Quant Time: Jul 20 16:26:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
Response via : Initial Calibration

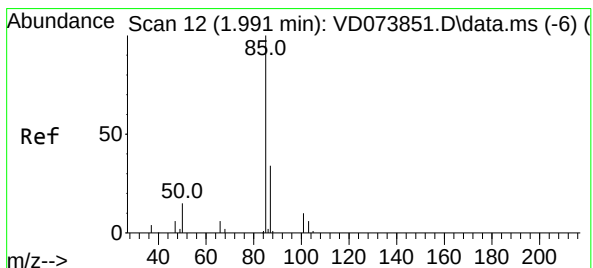
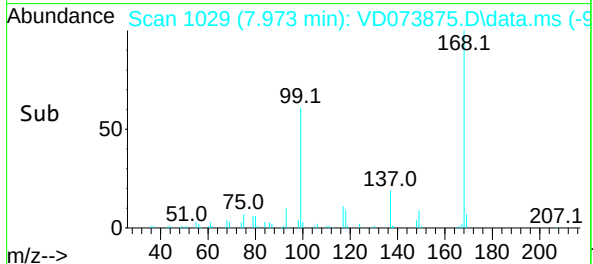
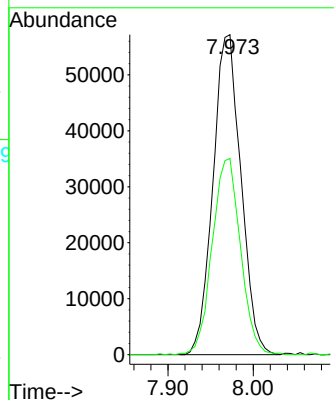
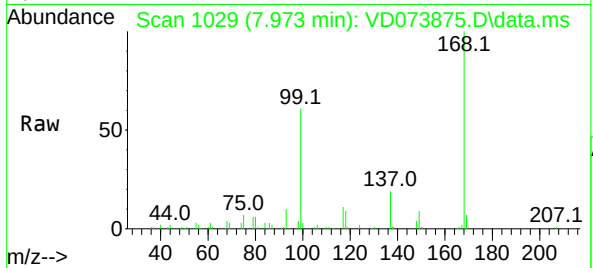




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

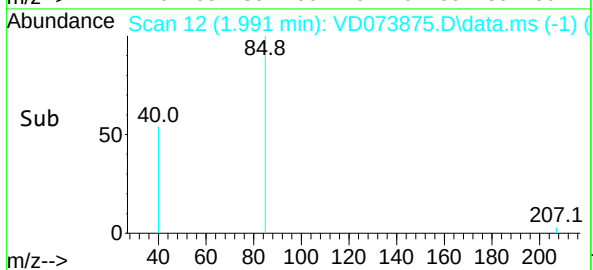
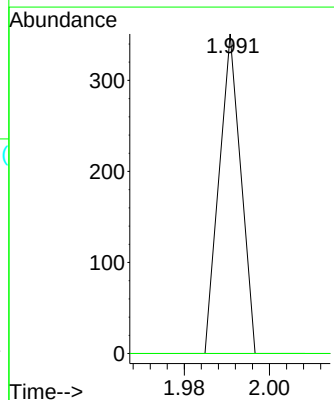
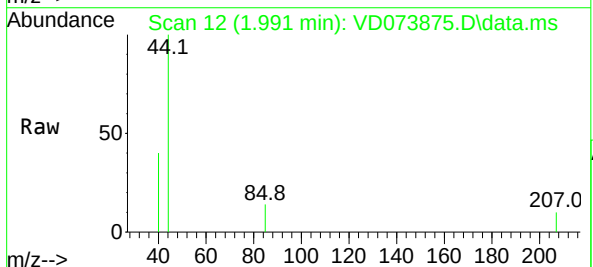
Instrument :
MSVOA_D
ClientSampleId :
VD0720SBL01

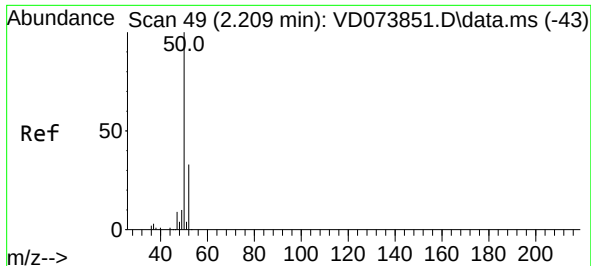
Tgt Ion:168 Resp: 130516
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

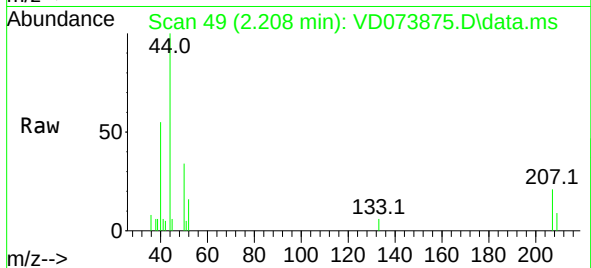
Tgt Ion: 85 Resp: 124
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#



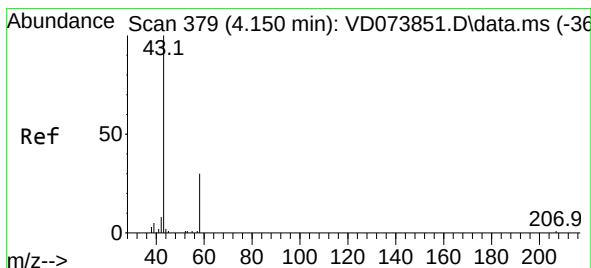
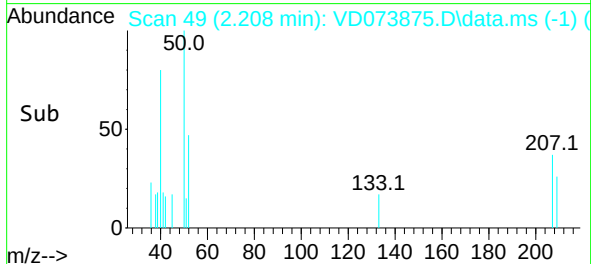
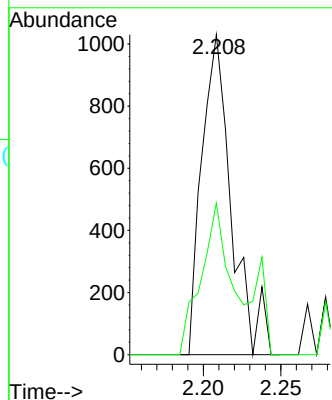


#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBL01

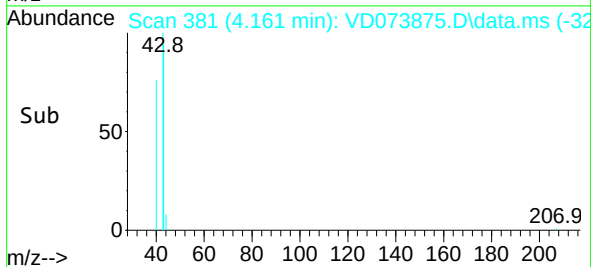
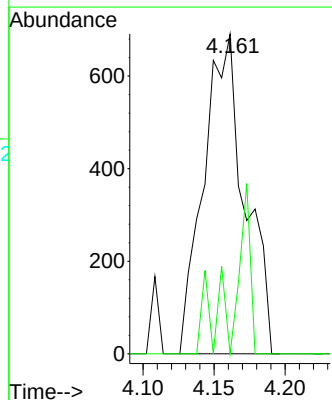
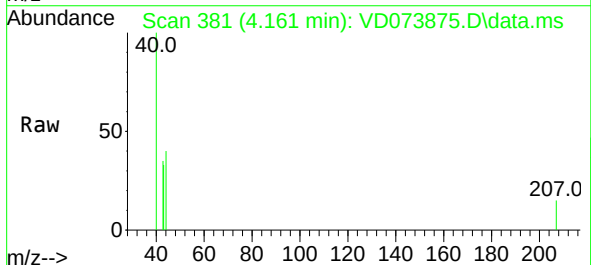


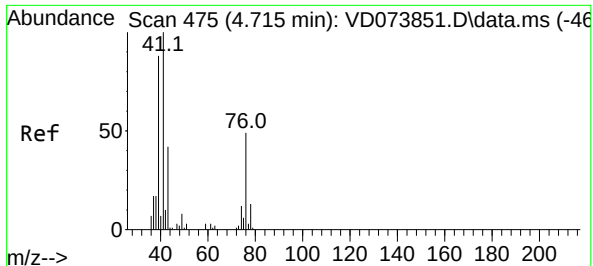
Tgt Ion: 50 Resp: 1370
Ion Ratio Lower Upper
50 100
52 47.4 27.4 41.0#



#16
Acetone
Concen: 5.451 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.532 min Scan# 444

Delta R.T. -0.183 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

Instrument :

MSVOA_D

ClientSampleId :

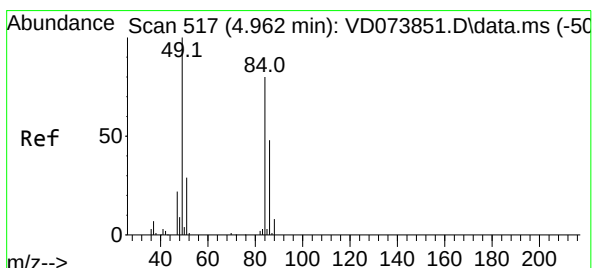
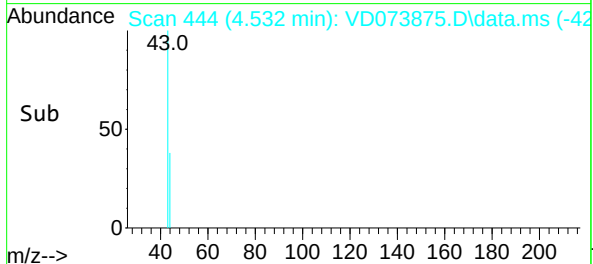
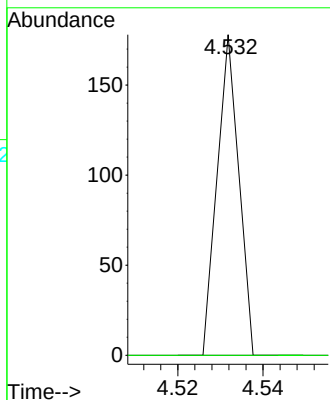
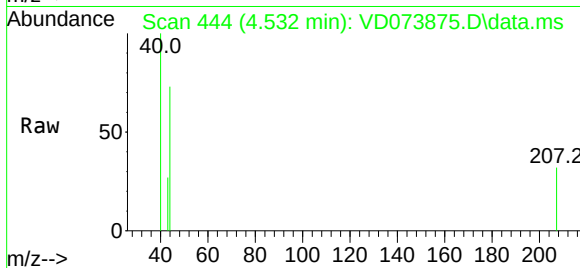
VD0720SBL01

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.955 min Scan# 516

Delta R.T. -0.007 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

Tgt Ion: 84 Resp: 10464

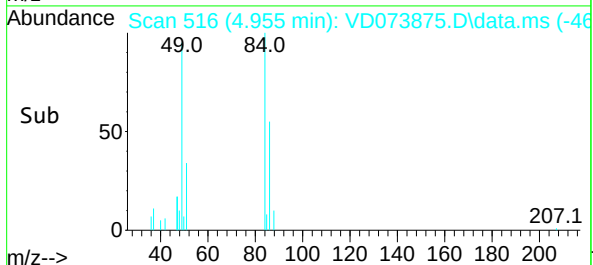
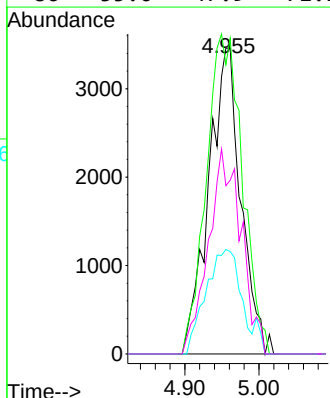
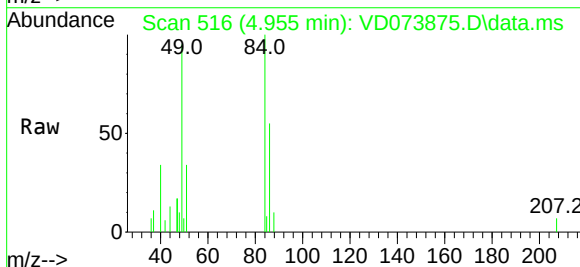
Ion Ratio Lower Upper

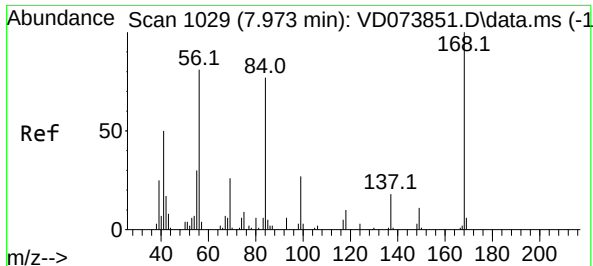
84 100

49 94.6 112.8 169.2#

51 34.1 32.6 48.8

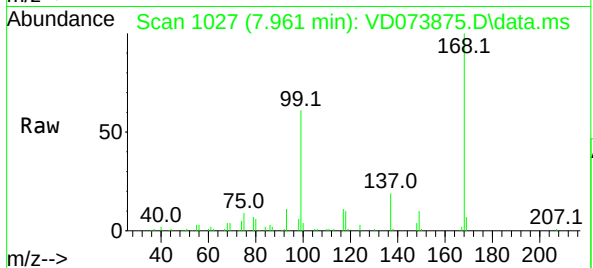
86 55.0 47.9 71.9



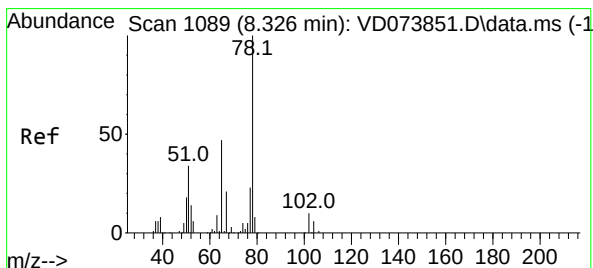
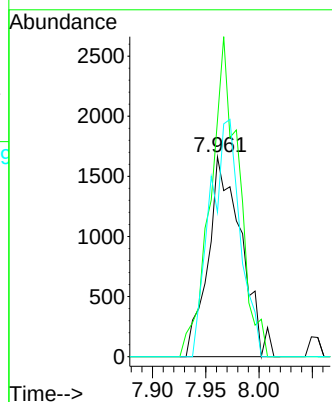
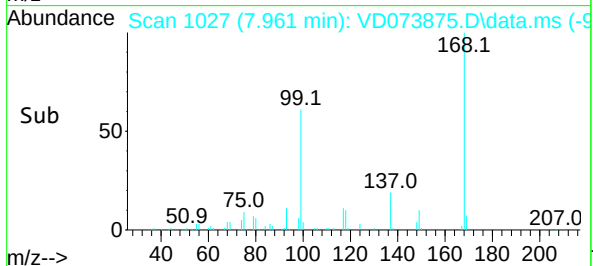


#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBL01

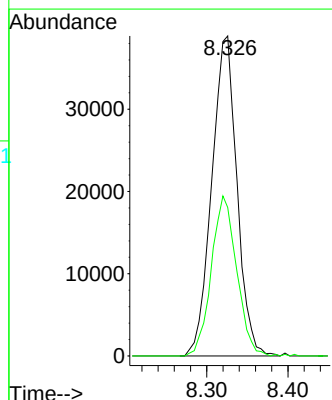
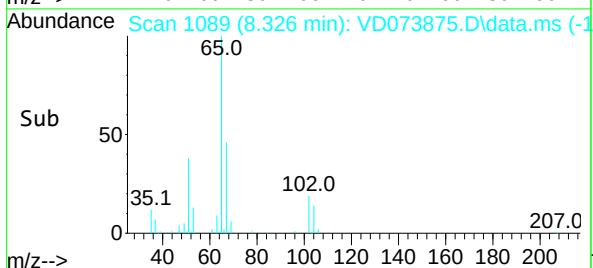
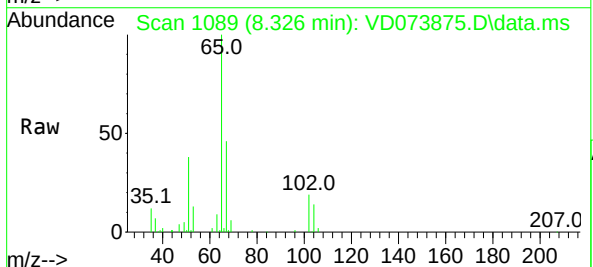


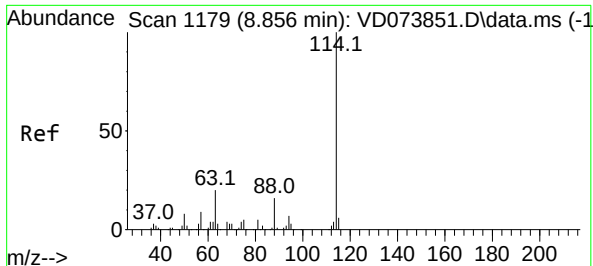
Tgt Ion: 56 Resp: 3590
Ion Ratio Lower Upper
56 100
69 118.4 25.4 38.2#
84 72.3 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 53.894 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Tgt Ion: 65 Resp: 83994
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBL01

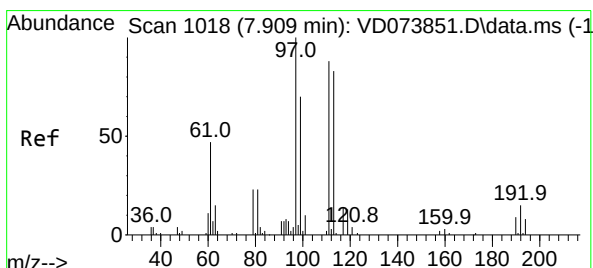
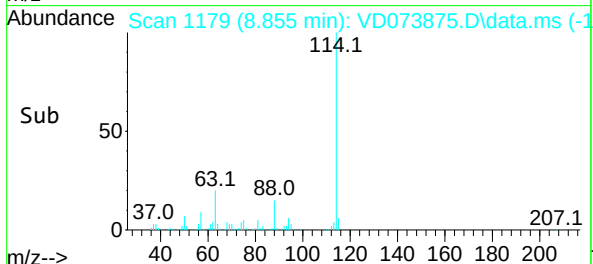
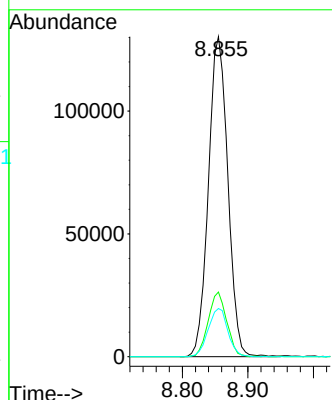
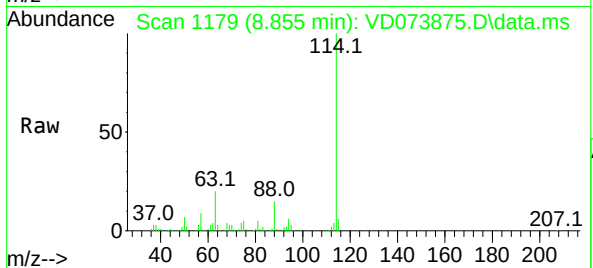
Tgt Ion:114 Resp: 267870

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

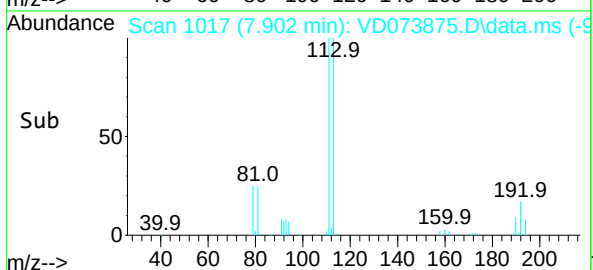
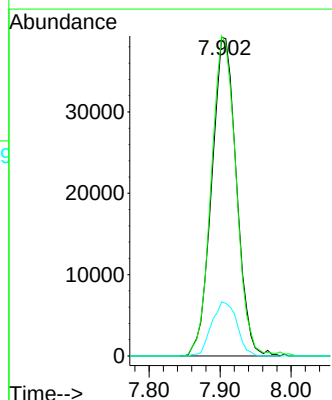
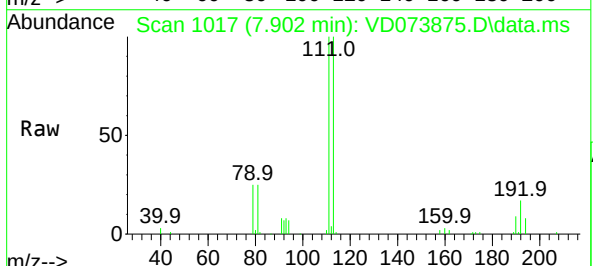
Tgt Ion:113 Resp: 94673

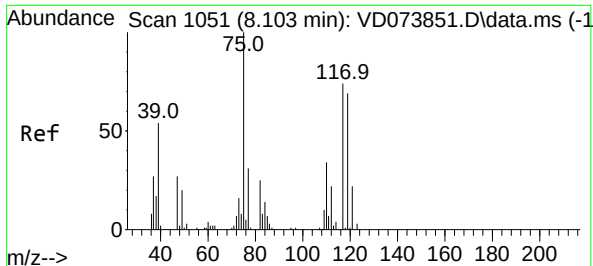
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.021 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBL01

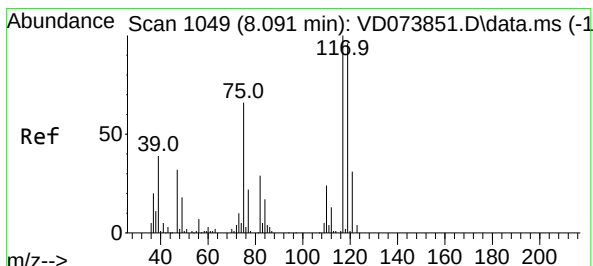
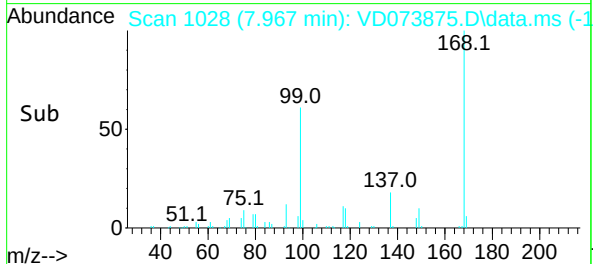
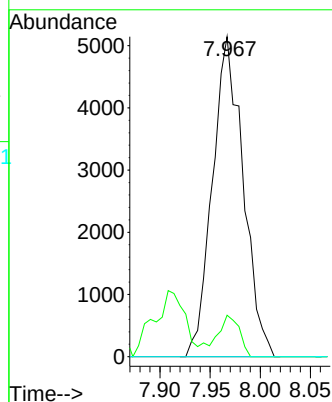
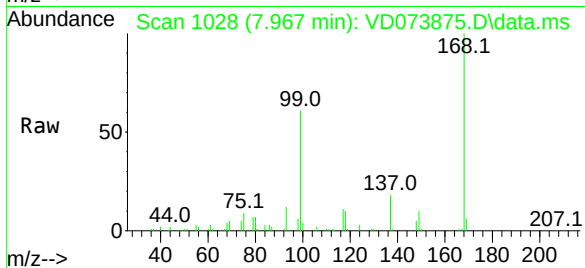
Tgt Ion: 75 Resp: 10963

Ion Ratio Lower Upper

75 100

110 8.5 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.470 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

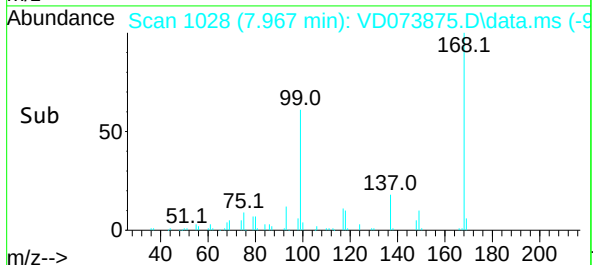
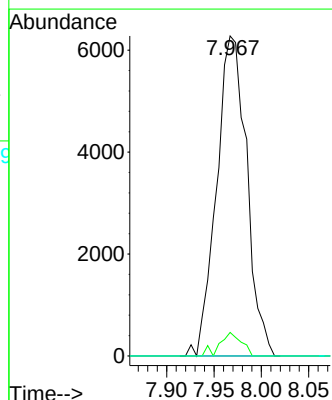
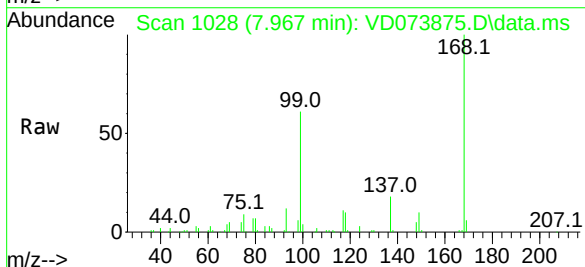
Tgt Ion: 117 Resp: 13918

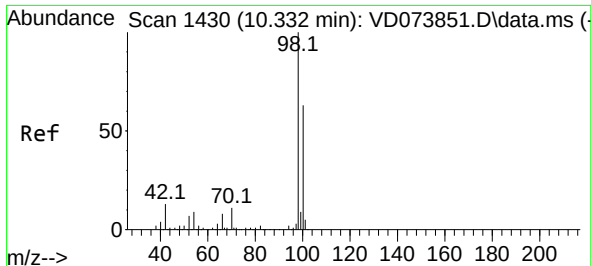
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.5 36.7#

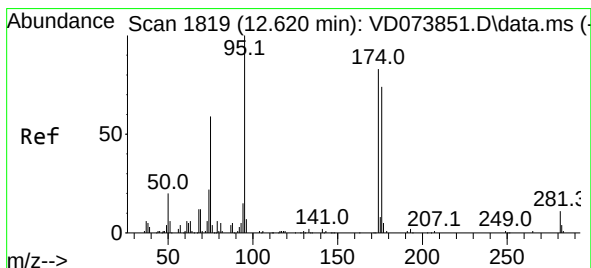
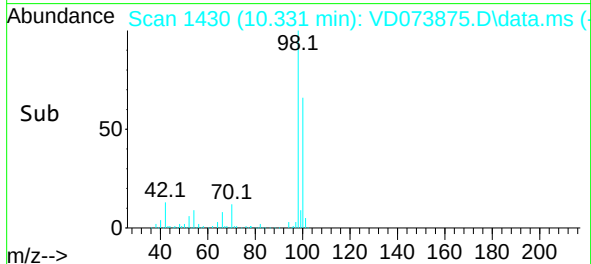
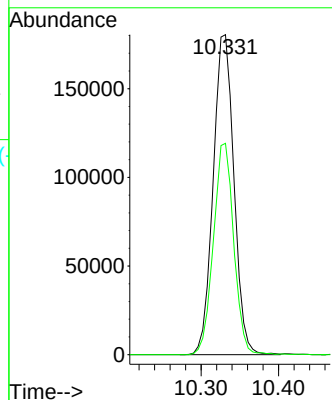
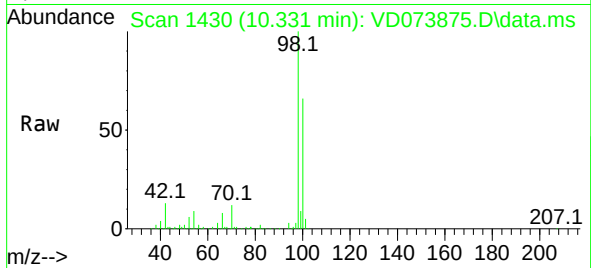




#50
Toluene-d8
Concen: 48.961 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

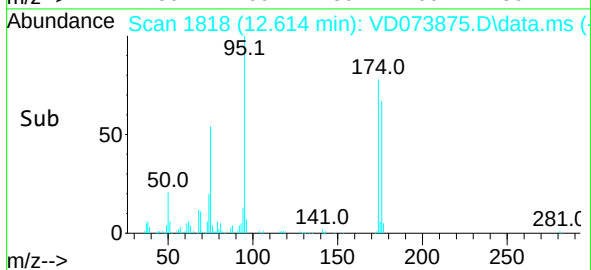
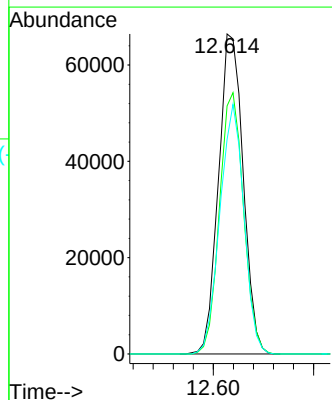
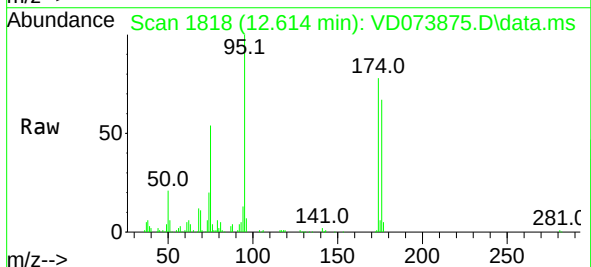
Instrument :
MSVOA_D
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VD0720SBL01

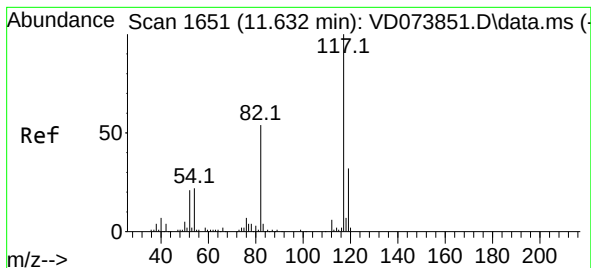
Tgt Ion: 98 Resp: 335883
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.067 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Tgt Ion: 95 Resp: 113377
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 75.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.631 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD0720SBL01

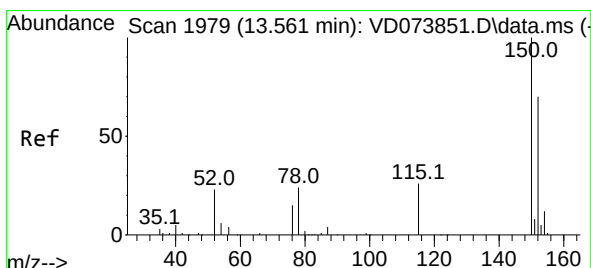
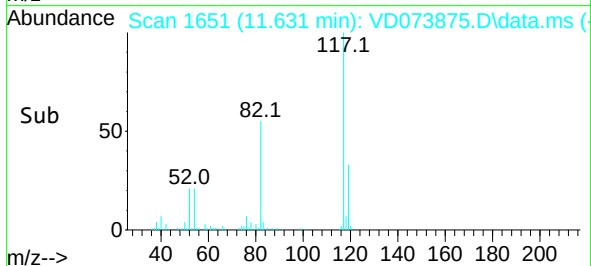
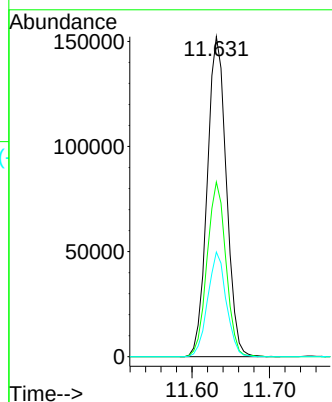
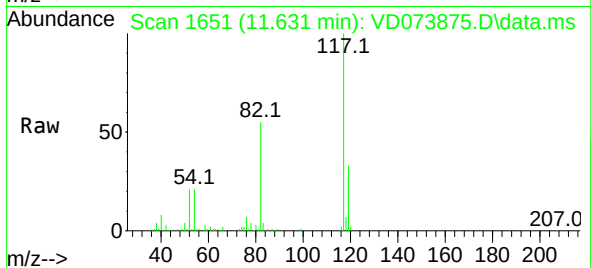
Tgt Ion:117 Resp: 260671

Ion Ratio Lower Upper

117 100

82 54.6 45.3 67.9

119 32.7 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073875.D

Acq: 20 Jul 2022 11:26

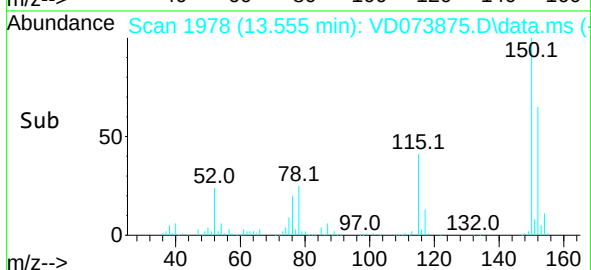
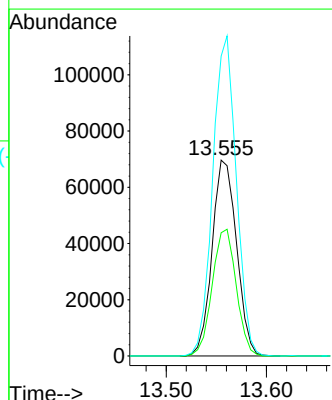
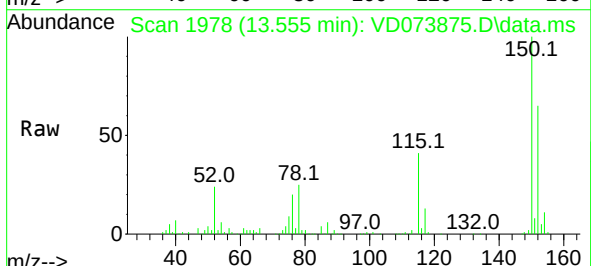
Tgt Ion:152 Resp: 118129

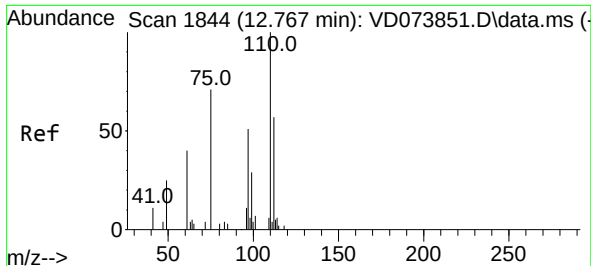
Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.8

150 157.2 0.0 348.6

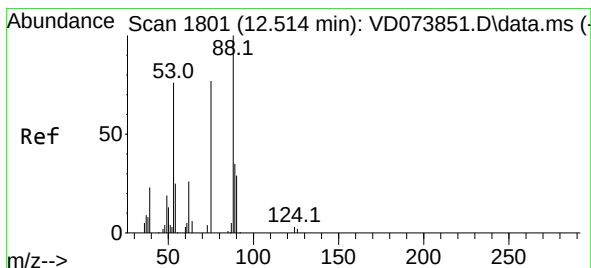
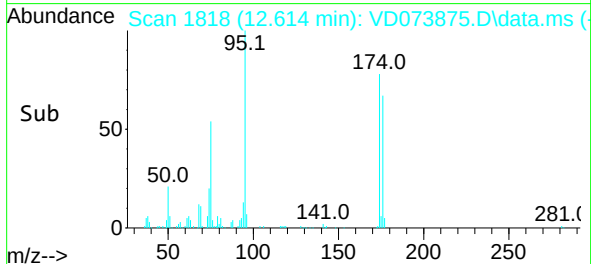
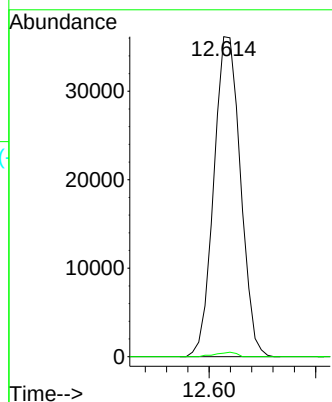
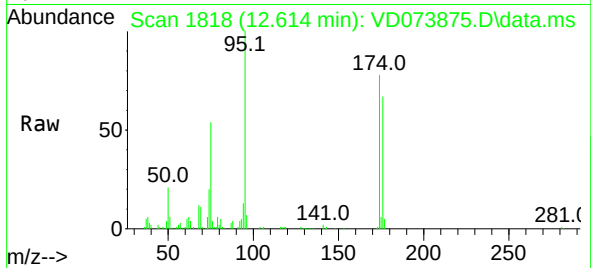




#76
1,2,3-Trichloropropane
Concen: 49.566 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD0720SBL01

Tgt Ion: 75 Resp: 62824
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.751 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD073875.D
Acq: 20 Jul 2022 11:26

Tgt Ion: 75 Resp: 62824
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

