

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073771.D
 Acq On : 01 Jul 2022 18:38
 Operator : VA/SY
 Sample : N3562-09
 Misc : 4.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11A

Quant Time: Jul 05 05:10:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

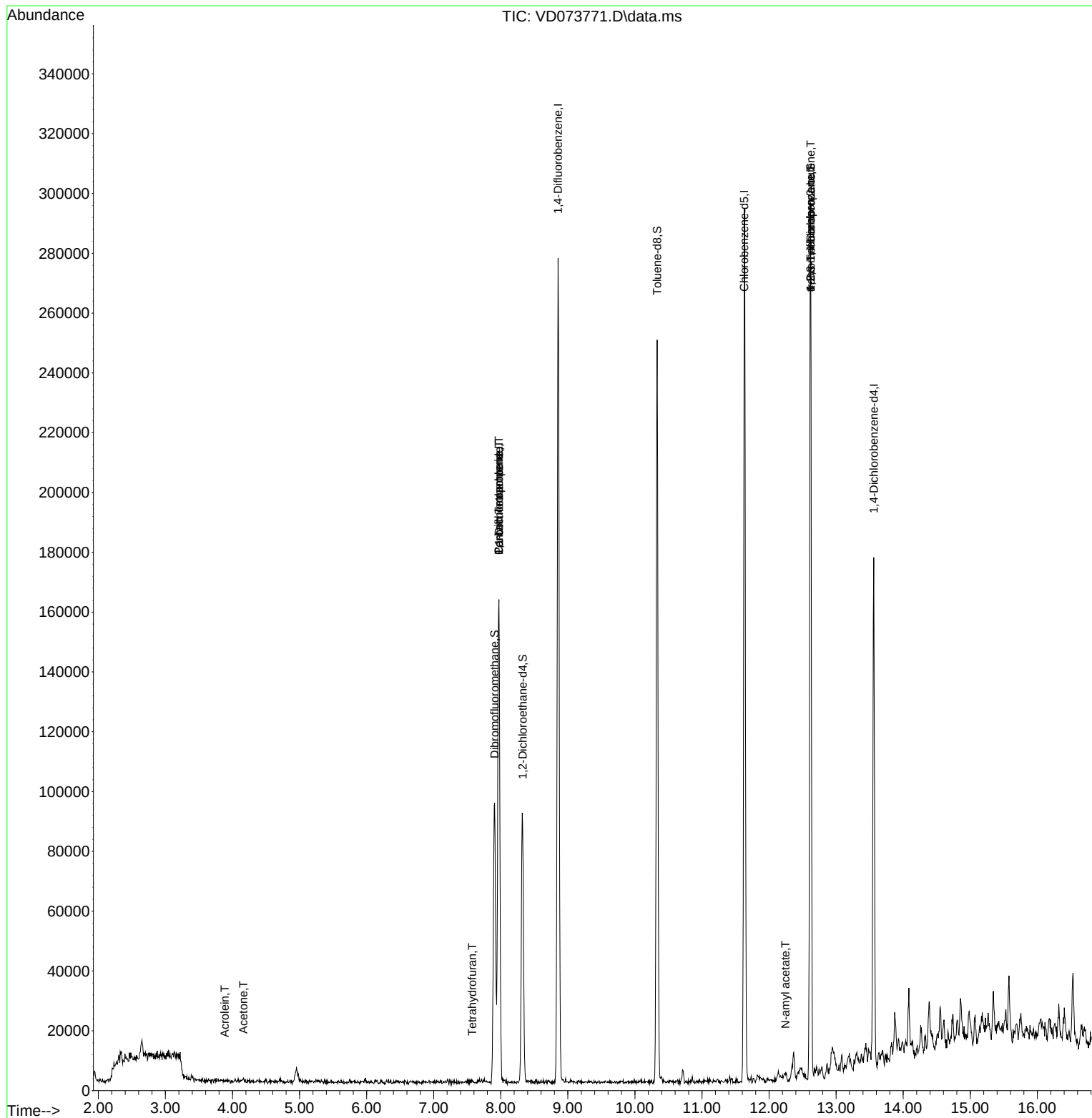
Internal Standards						
1) Pentafluorobenzene	7.973	168	109522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	223795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	159629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71056	66.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.020%	
35) Dibromofluoromethane	7.908	113	68090	56.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.332	98	163082	36.569	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.140%	
62) 4-Bromofluorobenzene	12.620	95	53411	30.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	612	Below Cal	#	66
13) Acrolein	3.885	56	53	2.160	ug/l #	12
16) Acetone	4.161	43	426	1.916	ug/l	96
18) Methyl Acetate	4.714	43	333	Below Cal	#	50
20) Methylene Chloride	4.955	84	2963	Below Cal	#	86
29) Tetrahydrofuran	7.573	42	516	2.236	ug/l #	39
31) Cyclohexane	7.973	56	3122	Below Cal	#	11
36) 1,1-Dichloropropene	7.973	75	11039	6.540	ug/l #	51
38) Carbon Tetrachloride	7.973	117	13065	7.209	ug/l #	15
74) N-amyl acetate	12.243	43	1416	1.750	ug/l #	69
76) 1,2,3-Trichloropropane	12.620	75	30842	82.046	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	30842	158.277	ug/l #	12

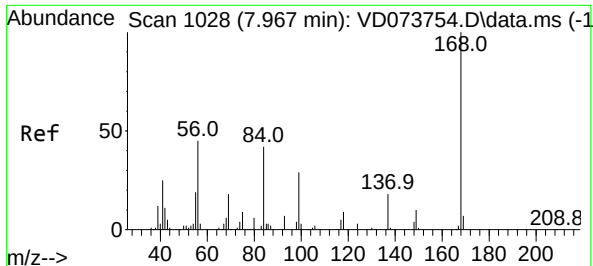
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
Data File : VD073771.D
Acq On : 01 Jul 2022 18:38
Operator : VA/SY
Sample : N3562-09
Misc : 4.72G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-11A

Quant Time: Jul 05 05:10:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 05 04:59:39 2022
Response via : Initial Calibration

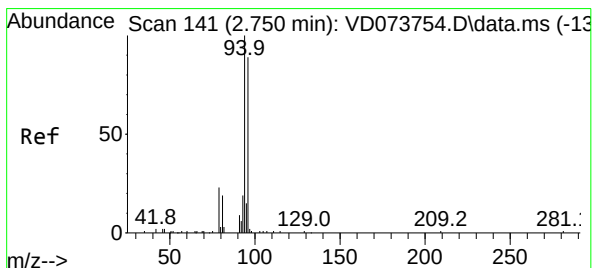
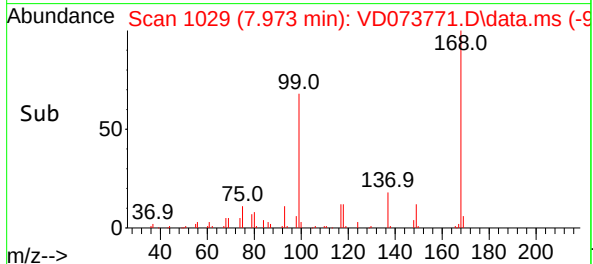
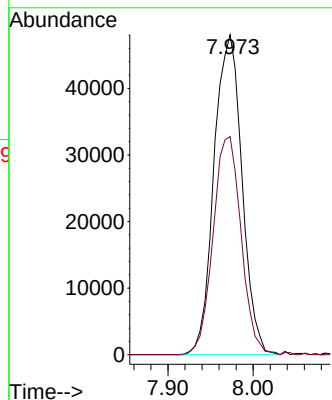
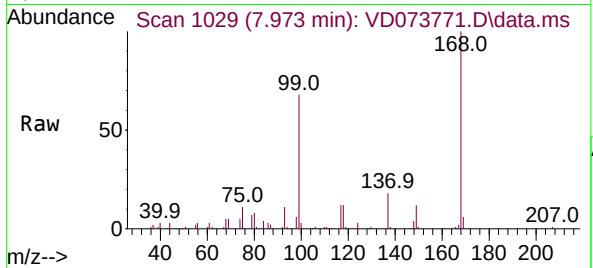




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

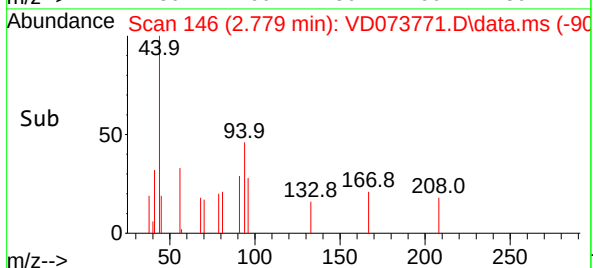
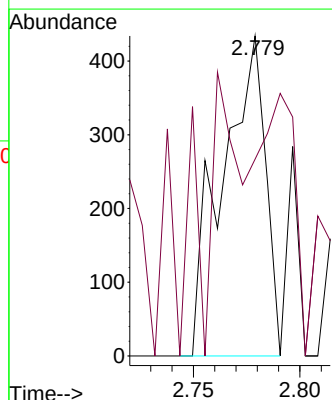
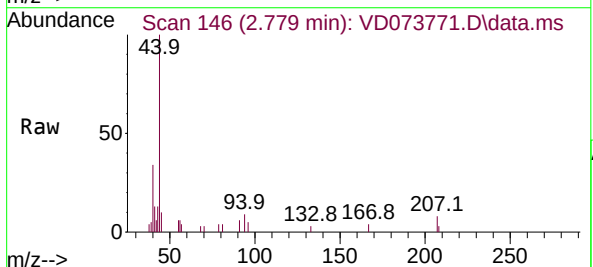
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

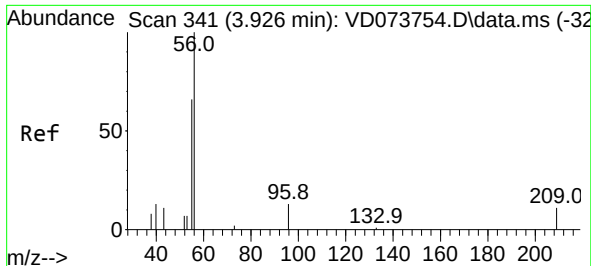
Tgt Ion:168 Resp: 109522
Ion Ratio Lower Upper
168 100
99 68.2 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.029 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 61.5 75.1 112.7#

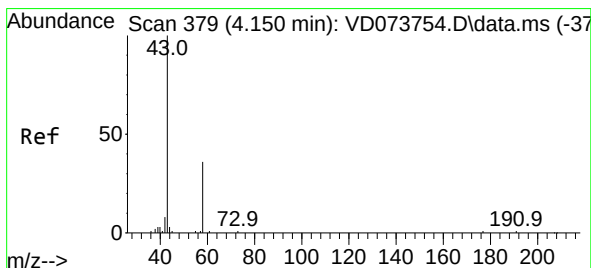
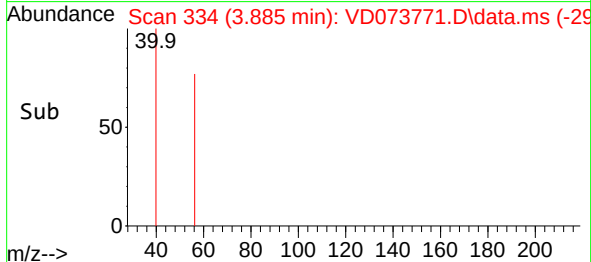
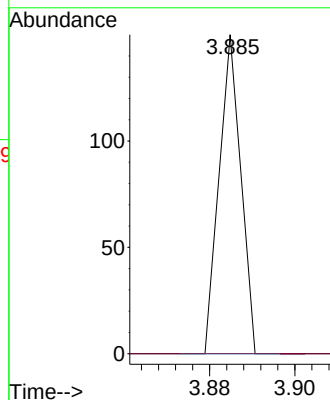
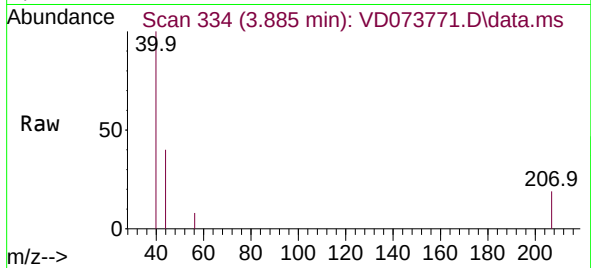




#13
Acrolein
Concen: 2.160 ug/l
RT: 3.885 min Scan# 31
Delta R.T. -0.041 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

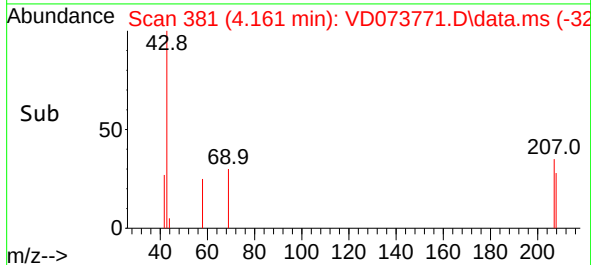
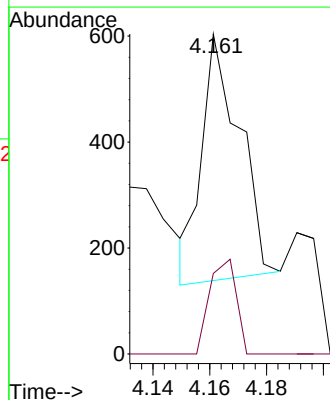
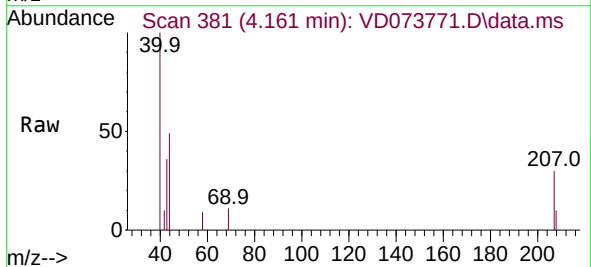
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

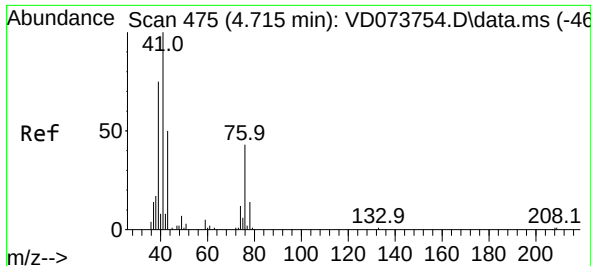
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 60.3 90.5#



#16
Acetone
Concen: 1.916 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 33.9 25.2 37.8

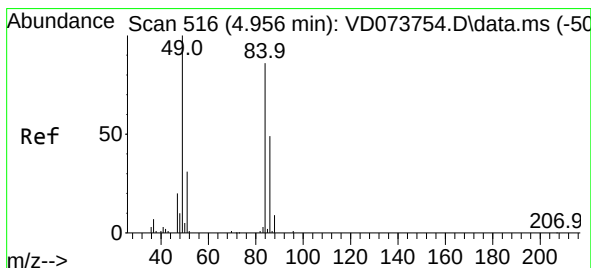
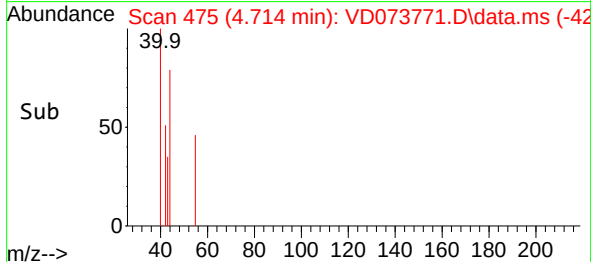
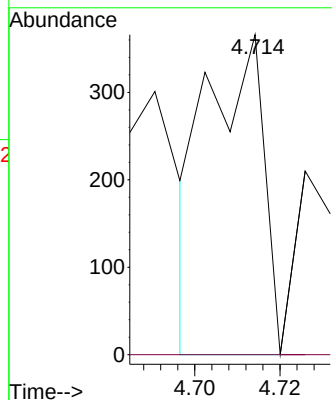
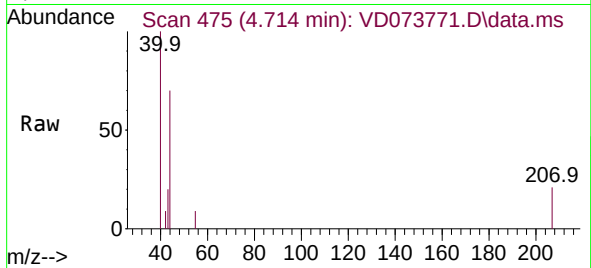




#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

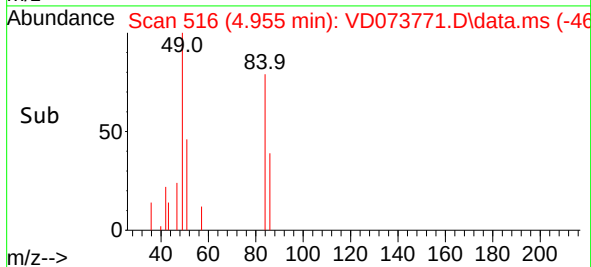
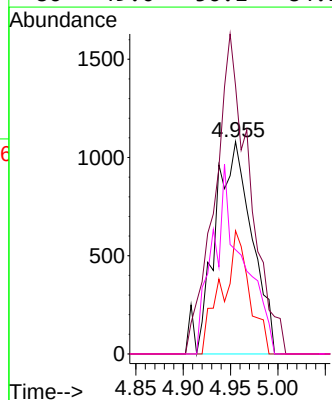
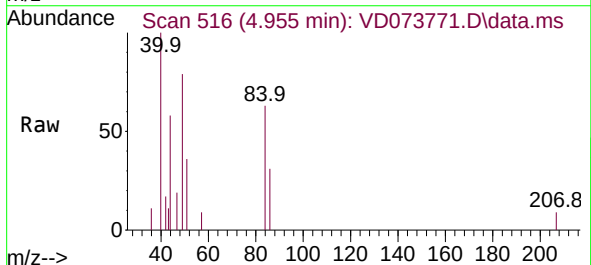
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

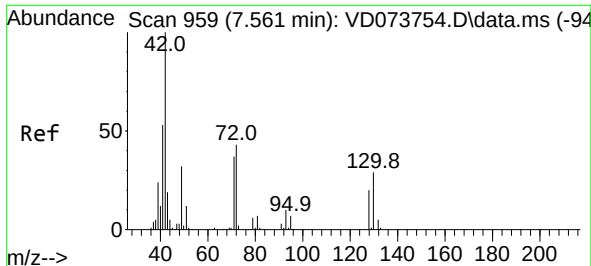
Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.001 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion: 84 Resp: 2963
Ion Ratio Lower Upper
84 100
49 126.2 100.6 150.8
51 58.0 29.8 44.6#
86 49.0 56.1 84.1#





#29

Tetrahydrofuran

Concen: 2.236 ug/l

RT: 7.573 min Scan# 9

Delta R.T. 0.011 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

SB-11A

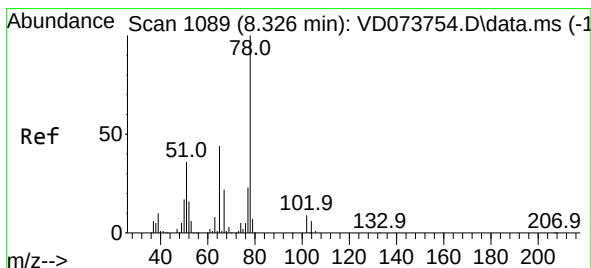
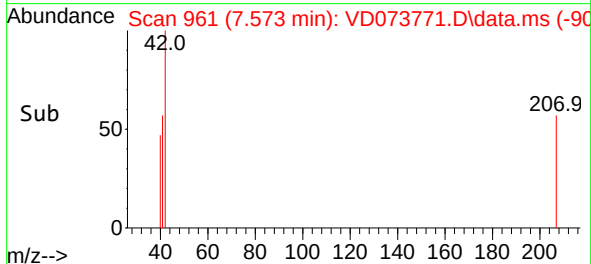
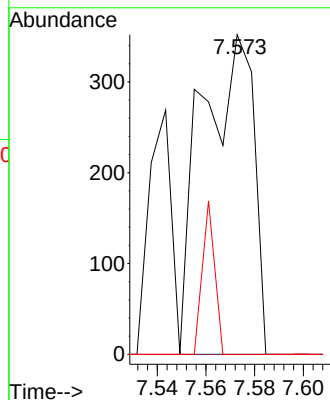
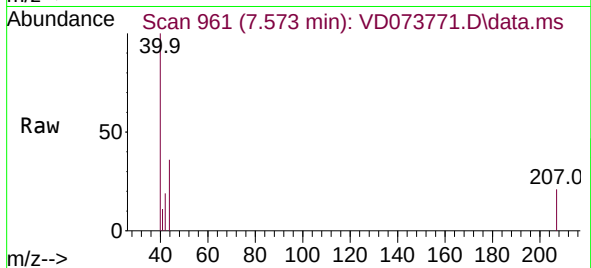
Tgt Ion: 42 Resp: 516

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 11.6 35.5 53.3#



#33

1,2-Dichloroethane-d4

Concen: 66.506 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073771.D

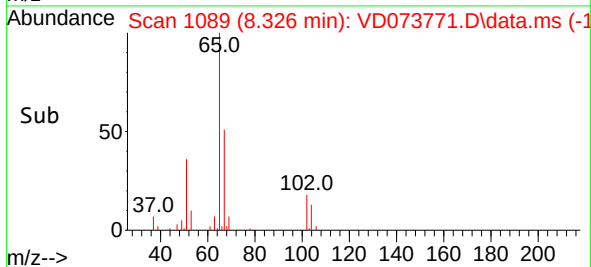
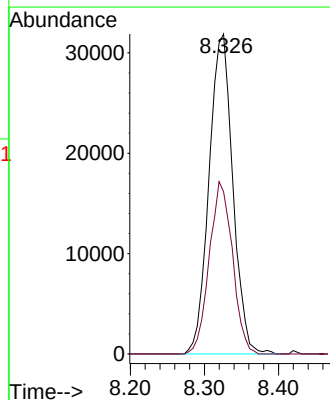
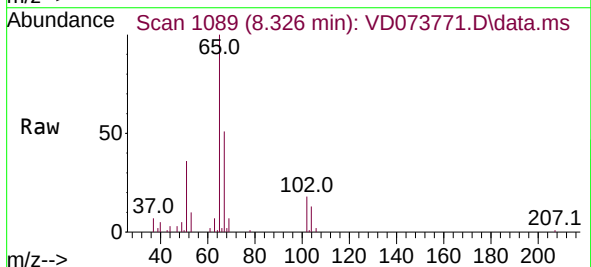
Acq: 01 Jul 2022 18:38

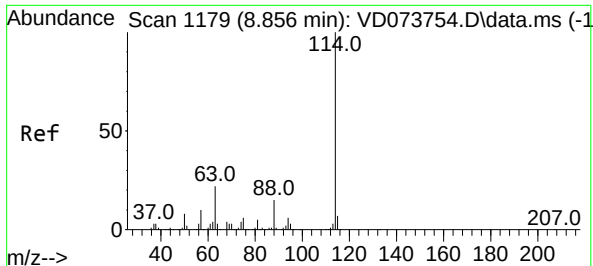
Tgt Ion: 65 Resp: 71056

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

SB-11A

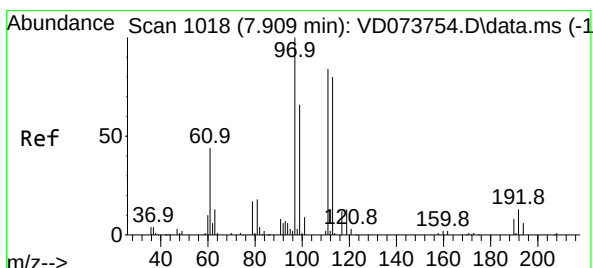
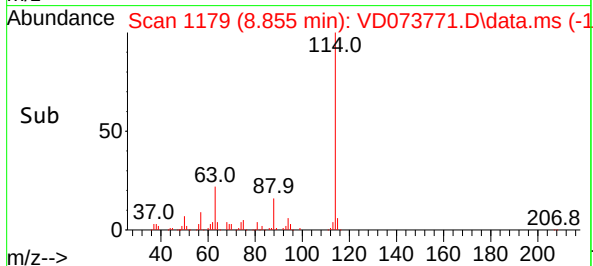
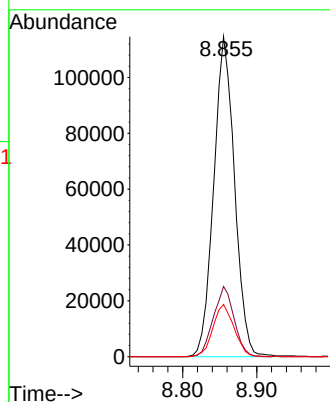
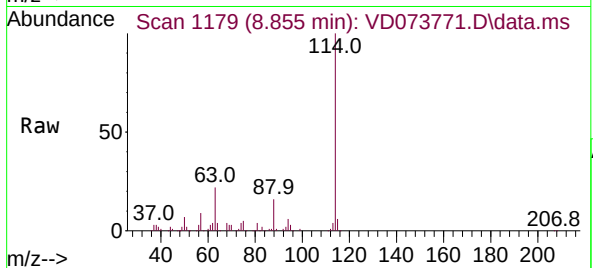
Tgt Ion:114 Resp: 223795

Ion Ratio Lower Upper

114 100

63 22.0 0.0 39.2

88 16.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 56.007 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

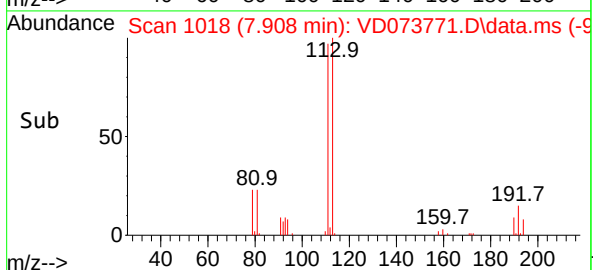
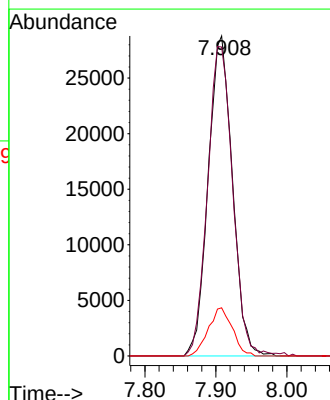
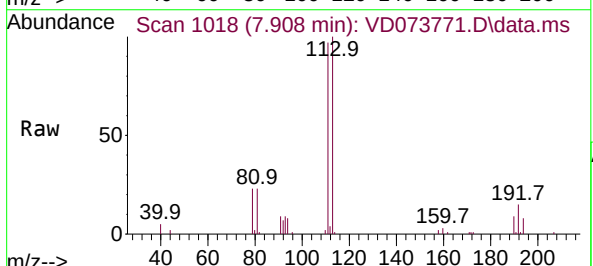
Tgt Ion:113 Resp: 68090

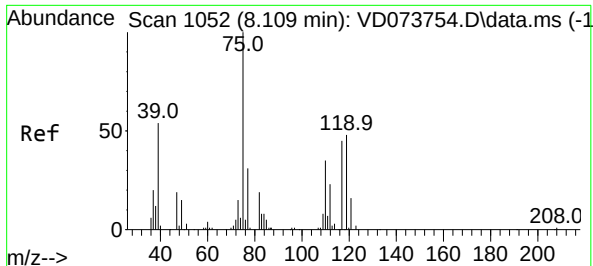
Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.6

192 14.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 6.540 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

Instrument :

MSVOA_D

ClientSampleId :

SB-11A

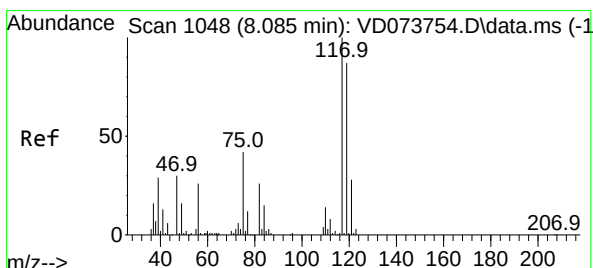
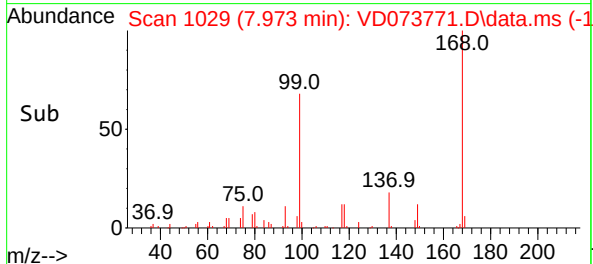
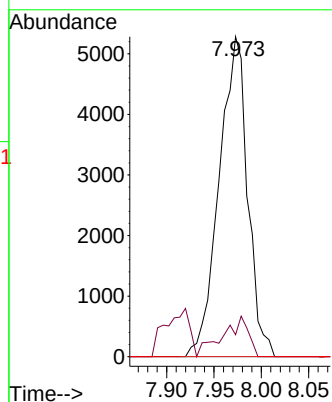
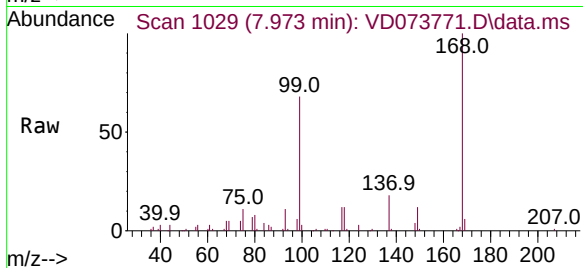
Tgt Ion: 75 Resp: 11039

Ion Ratio Lower Upper

75 100

110 11.5 18.0 54.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 7.209 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.112 min

Lab File: VD073771.D

Acq: 01 Jul 2022 18:38

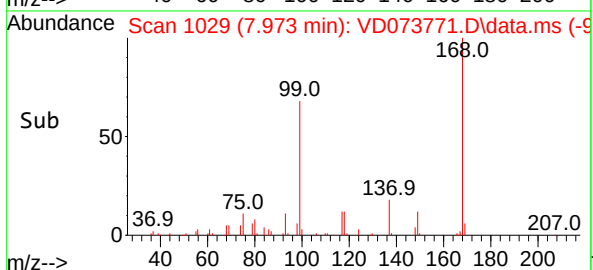
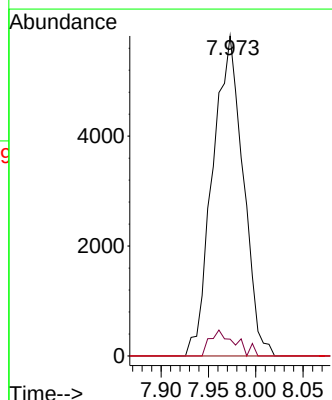
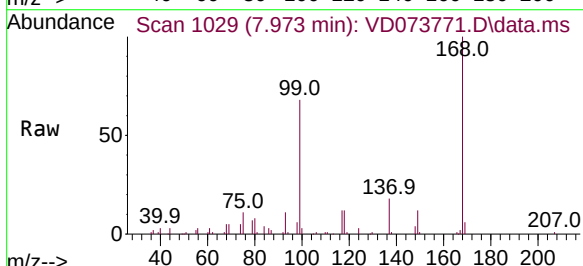
Tgt Ion: 117 Resp: 13065

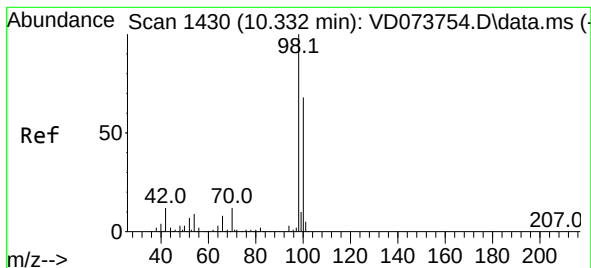
Ion Ratio Lower Upper

117 100

119 5.3 79.2 118.8#

121 0.0 23.8 35.8#

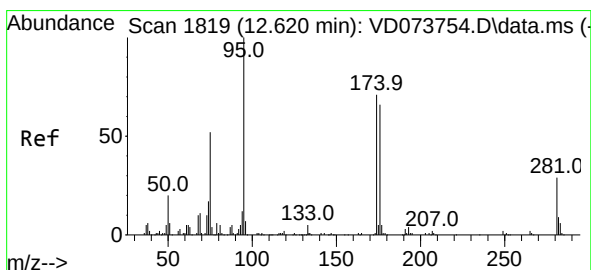
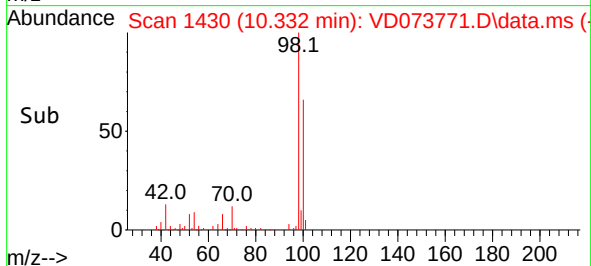
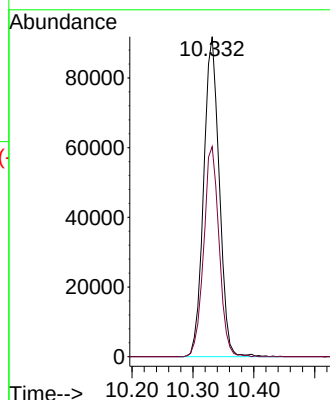
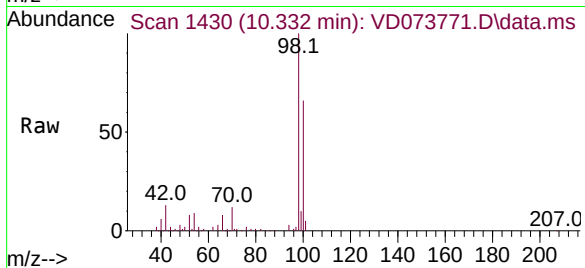




#50
Toluene-d8
Concen: 36.569 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

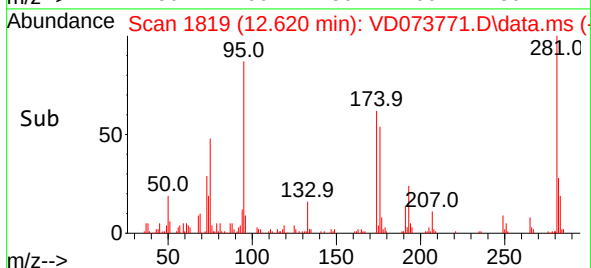
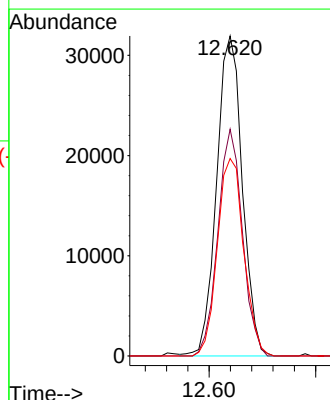
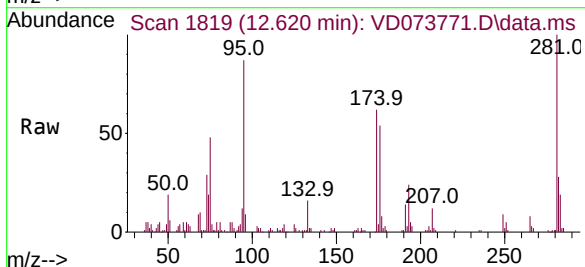
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

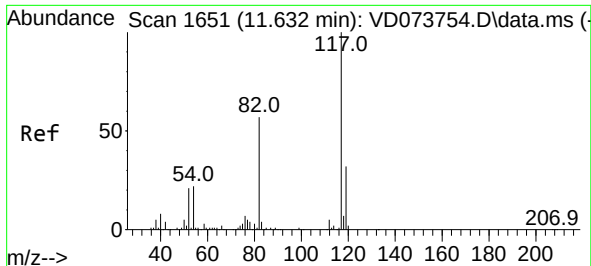
Tgt Ion: 98 Resp: 163082
Ion Ratio Lower Upper
98 100
100 64.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 30.365 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion: 95 Resp: 53411
Ion Ratio Lower Upper
95 100
174 67.5 0.0 158.4
176 63.4 0.0 154.8

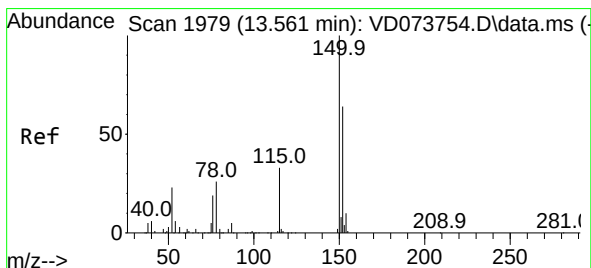
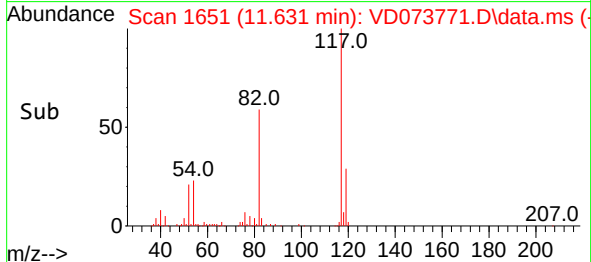
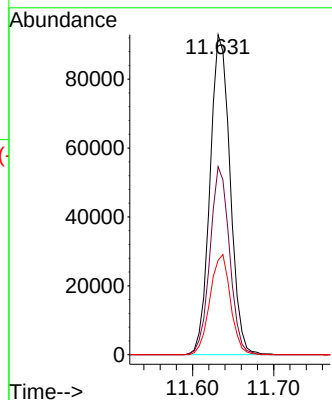
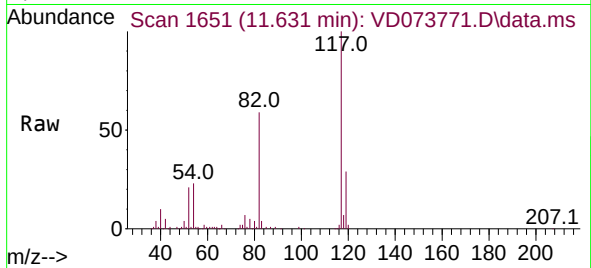




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

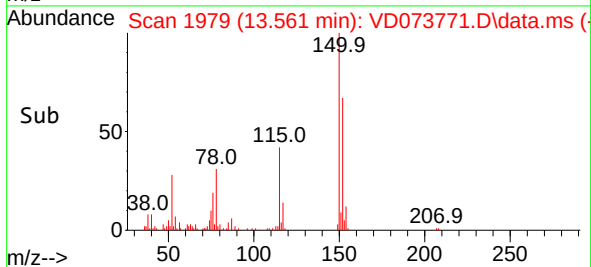
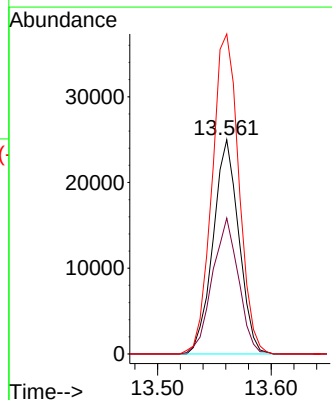
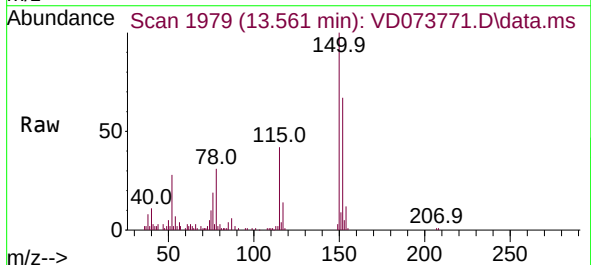
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

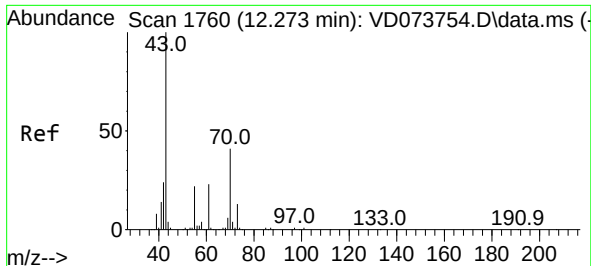
Tgt Ion:117 Resp: 159629
Ion Ratio Lower Upper
117 100
82 58.7 41.5 62.3
119 29.5 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion:152 Resp: 39335
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 155.7 0.0 355.0

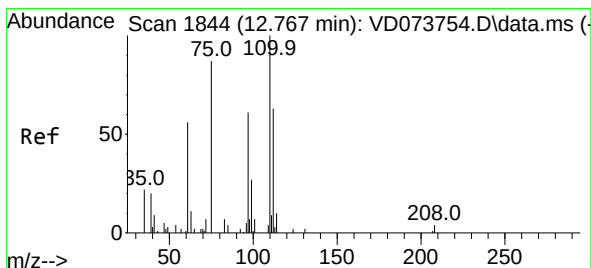
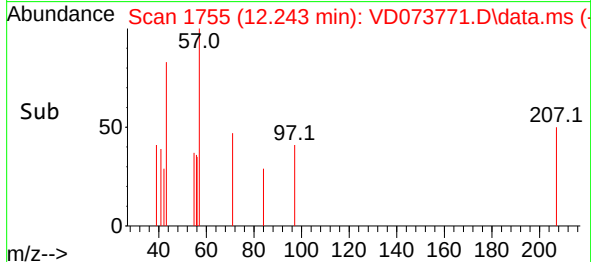
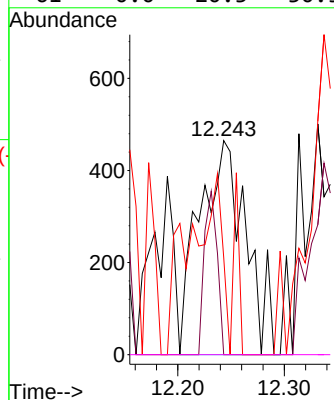
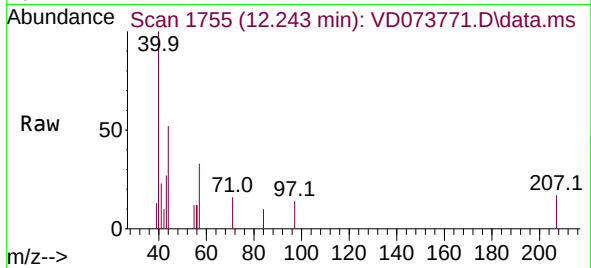




#74
N-amy1 acetate
Concen: 1.750 ug/l
RT: 12.243 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

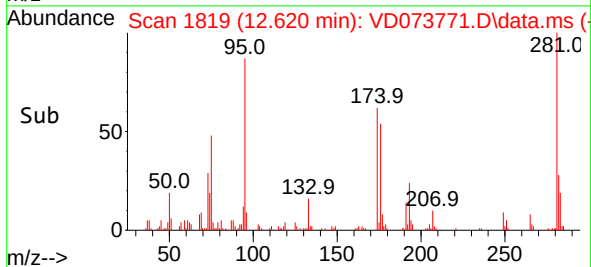
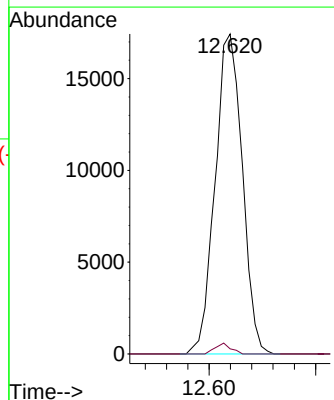
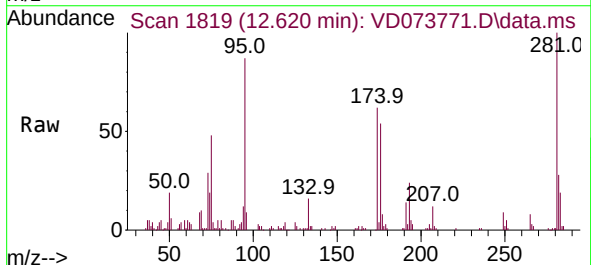
Instrument :
MSVOA_D
ClientSampleId :
SB-11A

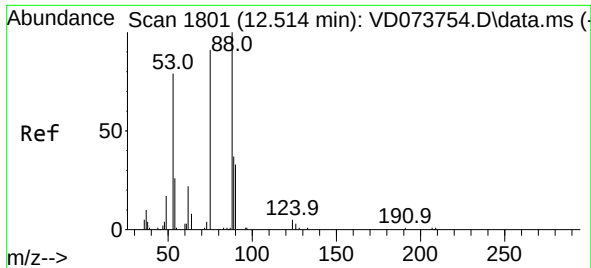
Tgt Ion: 43	Resp: 1416
Ion Ratio	Lower Upper
43 100	
70 21.0	35.0 52.6#
55 28.5	21.0 31.4
61 0.0	20.3 30.5#



#76
1,2,3-Trichloropropane
Concen: 82.046 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073771.D
Acq: 01 Jul 2022 18:38

Tgt Ion: 75	Resp: 30842
Ion Ratio	Lower Upper
75 100	
77 1.9	195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.277 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD073771.D
 Acq: 01 Jul 2022 18:38

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11A

Tgt Ion: 75 Resp: 30842
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.0 115.6#
 89 2.5 37.8 56.8#

