

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073779.D
 Acq On : 05 Jul 2022 17:35
 Operator : VA/SY
 Sample : N3562-09RE
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11ARE

Quant Time: Jul 06 02:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

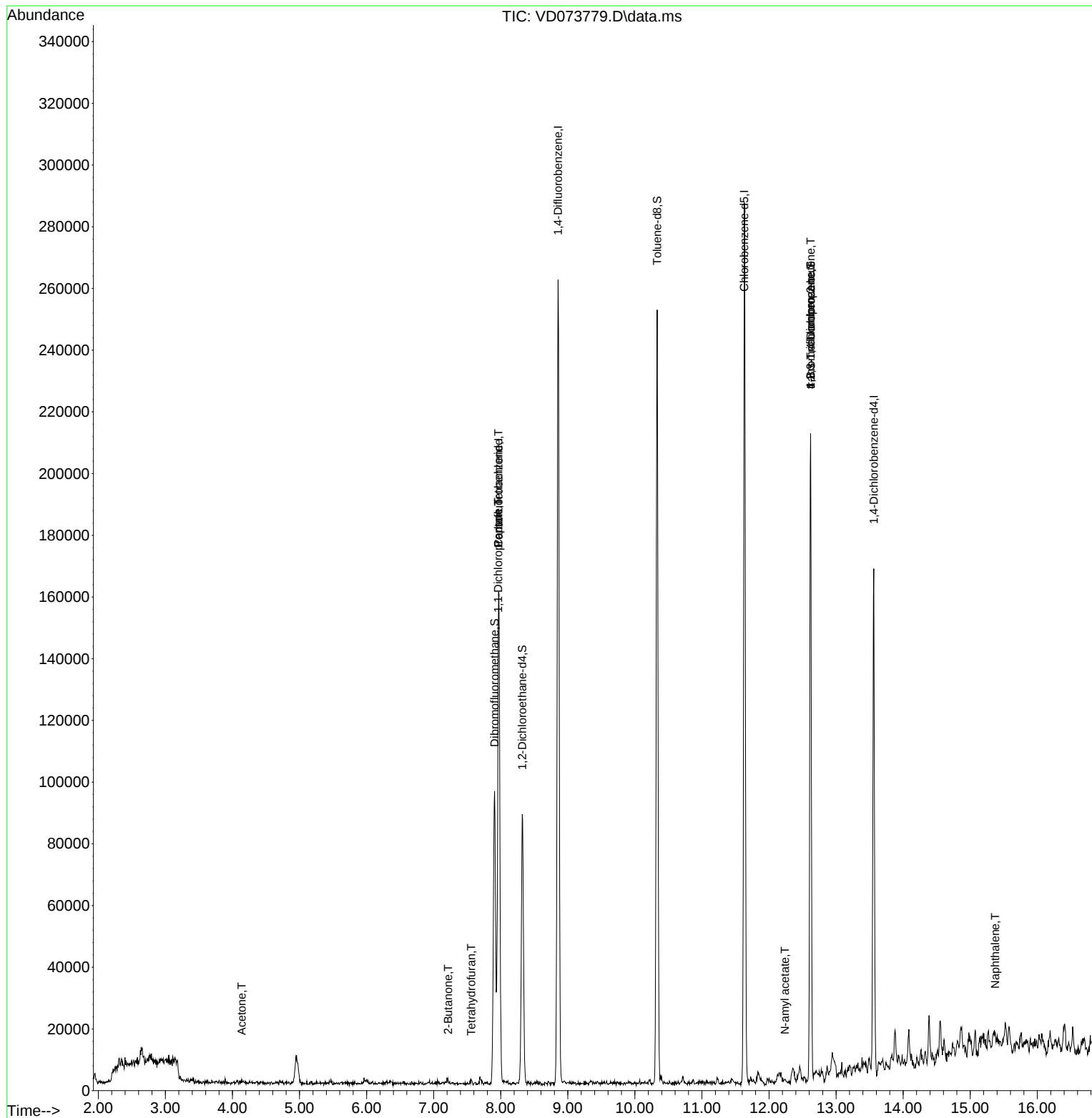
Internal Standards						
1) Pentafluorobenzene	7.967	168	106958	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	217350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	152265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	36997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67647	64.833	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	129.660%	
35) Dibromofluoromethane	7.908	113	66018	55.913	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	111.820%	
50) Toluene-d8	10.332	98	165438	38.197	ug/l	0.00
Spiked Amount 50.000	Range 78	- 12	Recovery	=	76.400%#	
62) 4-Bromofluorobenzene	12.620	95	51487	30.139	ug/l	0.00
Spiked Amount 50.000	Range 50	- 14	Recovery	=	60.280%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	690	Below Cal	#	42
16) Acetone	4.138	43	600	2.764	ug/l	# 83
18) Methyl Acetate	4.738	43	884	Below Cal	#	50
25) 2-Butanone	7.214	43	590	1.655	ug/l	# 47
29) Tetrahydrofuran	7.561	42	419	1.859	ug/l	# 45
31) Cyclohexane	7.961	56	3473	Below Cal	#	37
36) 1,1-Dichloropropene	7.961	75	10656	6.500	ug/l	# 47
38) Carbon Tetrachloride	7.967	117	12799	7.271	ug/l	# 16
74) N-amyl acetate	12.238	43	1180	1.551	ug/l	# 41
76) 1,2,3-Trichloropropane	12.620	75	29385	83.110	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	29385	160.330	ug/l	# 11
95) Naphthalene	15.373	128	1485	1.061	ug/l	# 89

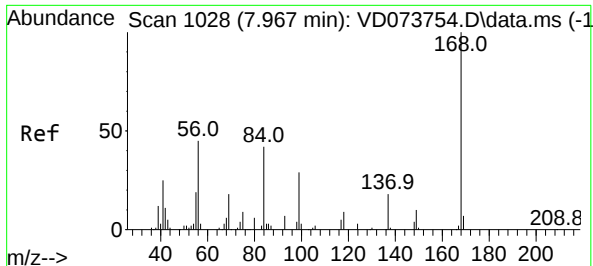
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
Data File : VD073779.D
Acq On : 05 Jul 2022 17:35
Operator : VA/SY
Sample : N3562-09RE
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

Quant Time: Jul 06 02:51:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 05 10:05:34 2022
Response via : Initial Calibration

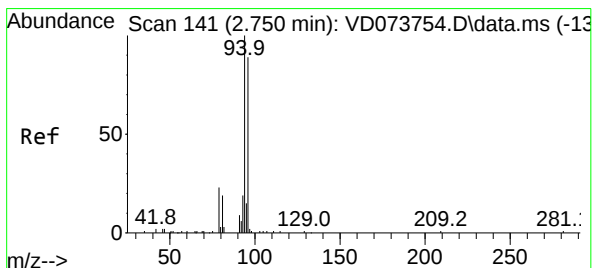
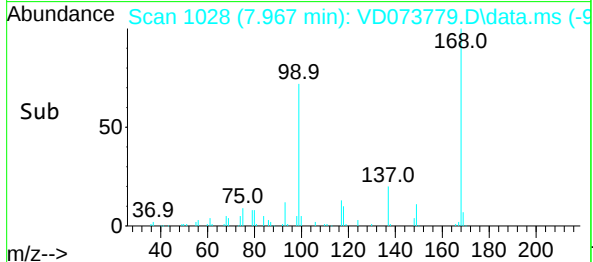
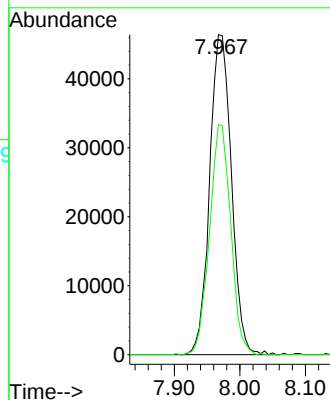
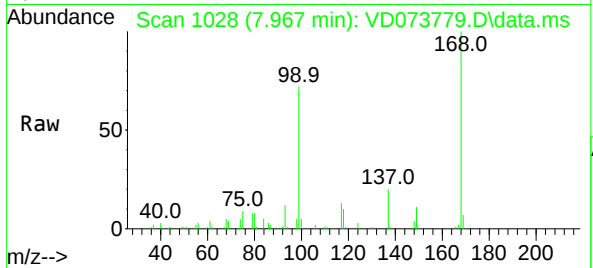




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

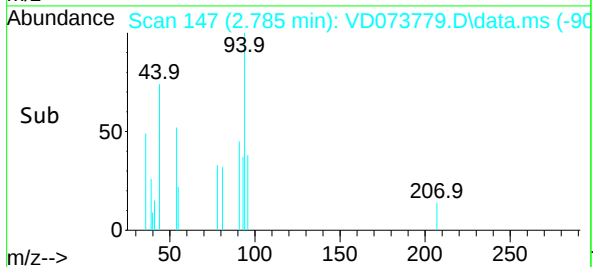
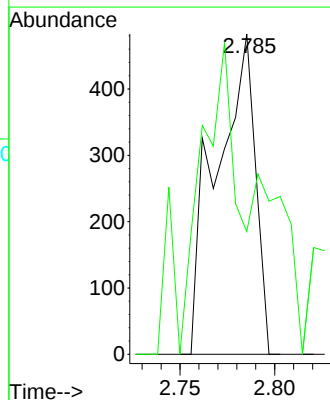
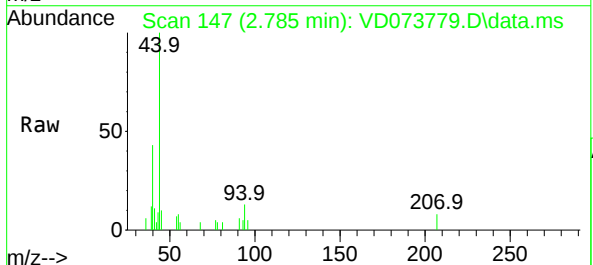
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

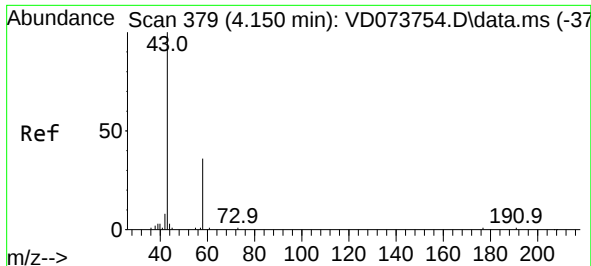
Tgt Ion:168 Resp: 106958
Ion Ratio Lower Upper
168 100
99 71.9 46.4 69.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.035 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

Tgt Ion: 94 Resp: 690
Ion Ratio Lower Upper
94 100
96 38.3 75.1 112.7#

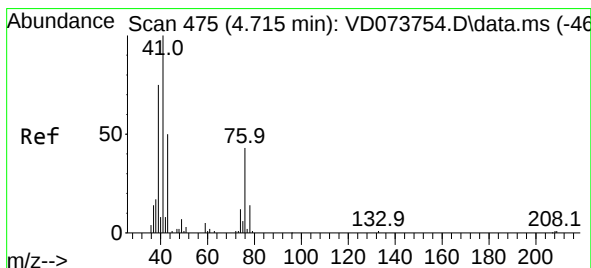
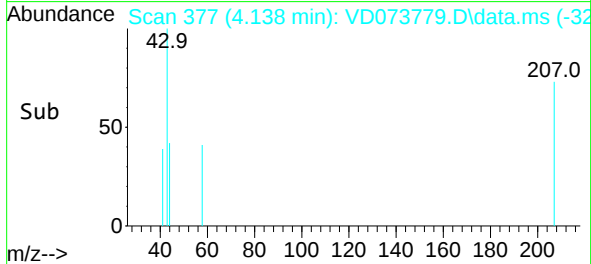
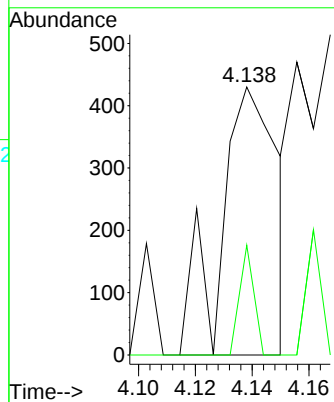
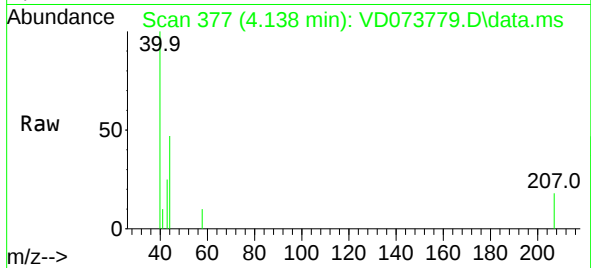




#16
Acetone
Concen: 2.764 ug/l
RT: 4.138 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

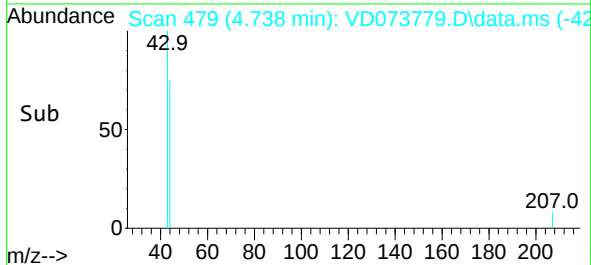
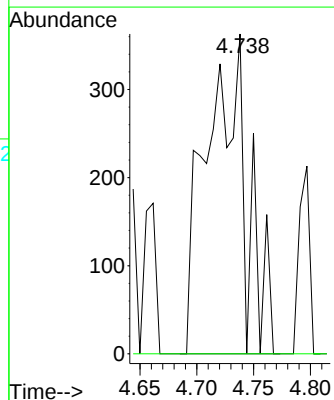
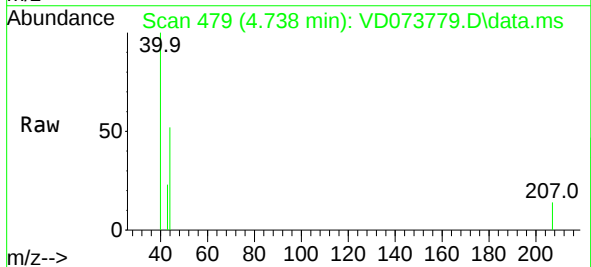
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

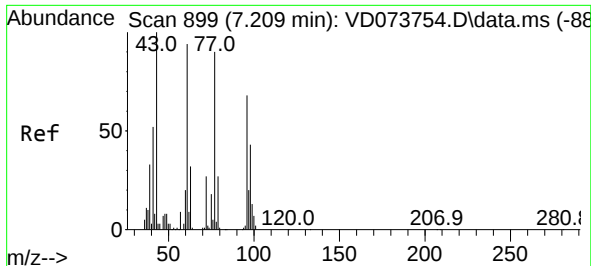
Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
58 40.9 25.2 37.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 479
Delta R.T. 0.023 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#

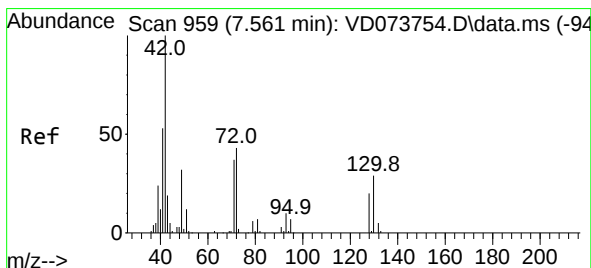
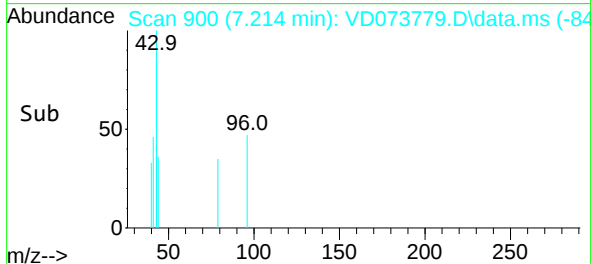
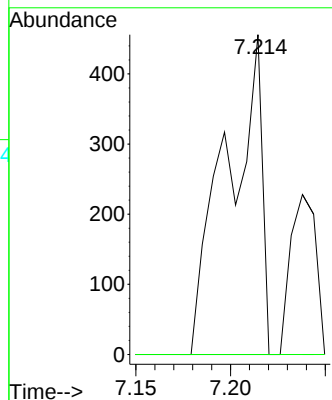
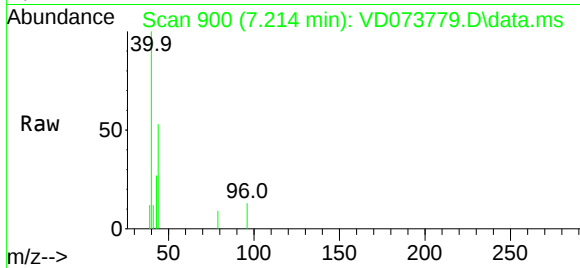




#25
2-Butanone
Concen: 1.655 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

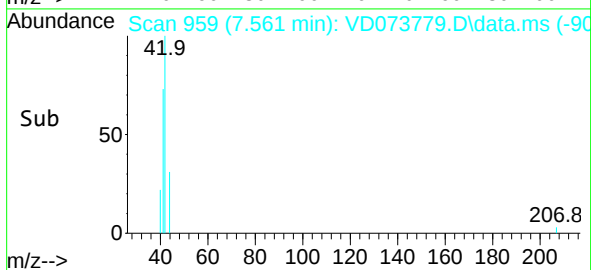
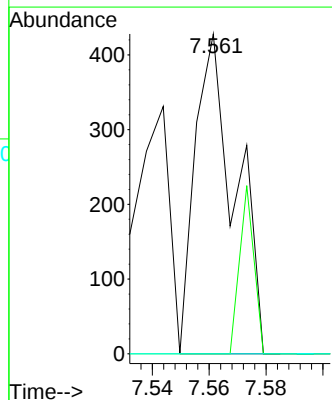
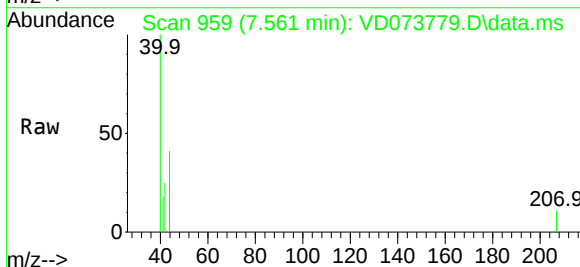
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

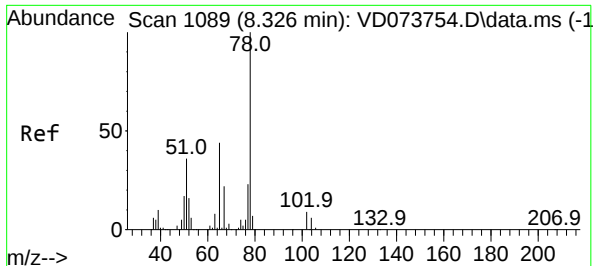
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#29
Tetrahydrofuran
Concen: 1.859 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

Tgt Ion: 42 Resp: 419
Ion Ratio Lower Upper
42 100
72 18.9 37.8 56.6#
71 0.0 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 64.833 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073779.D

Acq: 05 Jul 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

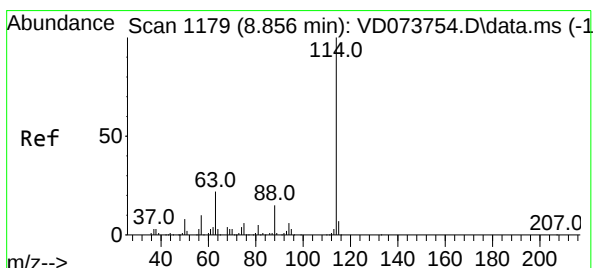
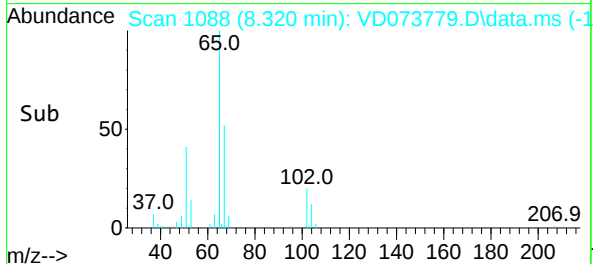
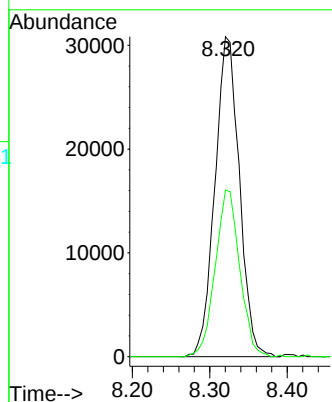
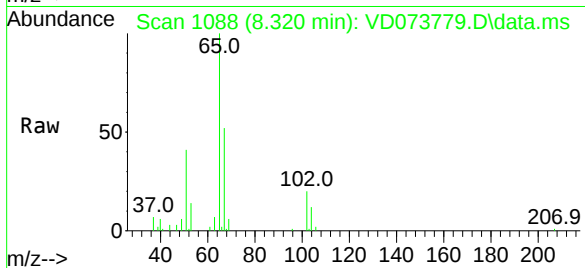
SB-11ARE

Tgt Ion: 65 Resp: 67647

Ion Ratio Lower Upper

65 100

67 52.2 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: VD073779.D

Acq: 05 Jul 2022 17:35

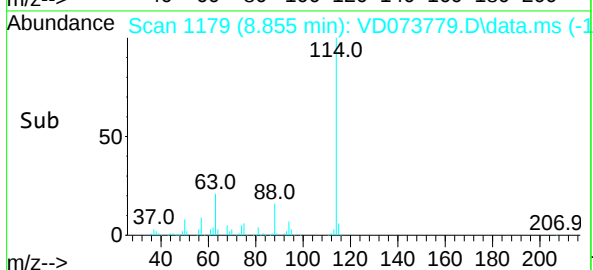
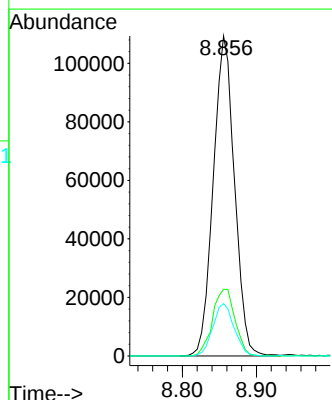
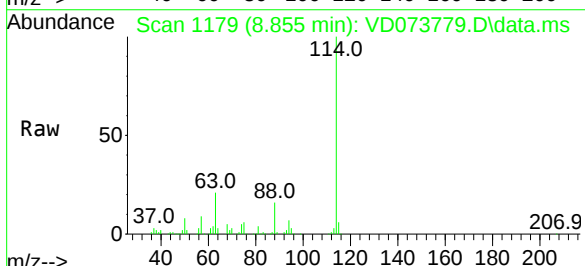
Tgt Ion: 114 Resp: 217350

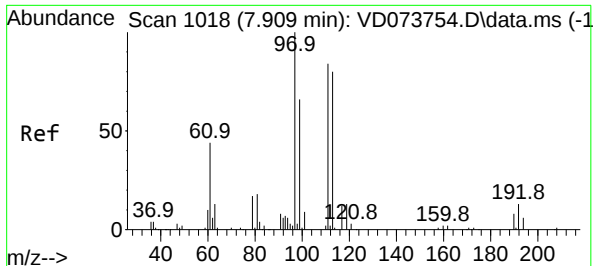
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

88 16.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 55.913 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073779.D

Acq: 05 Jul 2022 17:35

Instrument :

MSVOA_D

ClientSampleId :

SB-11ARE

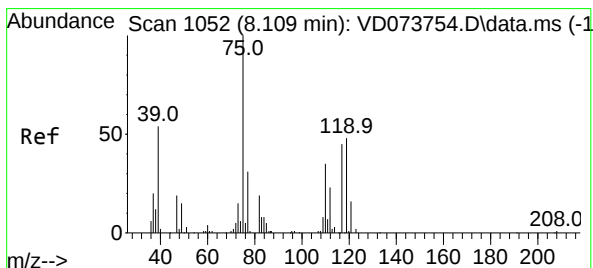
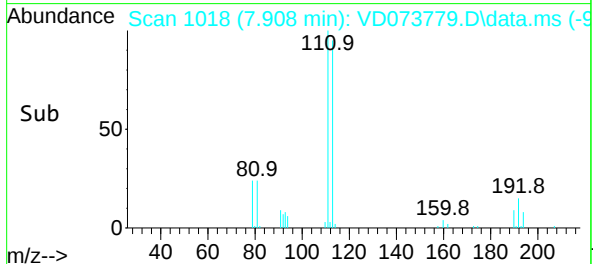
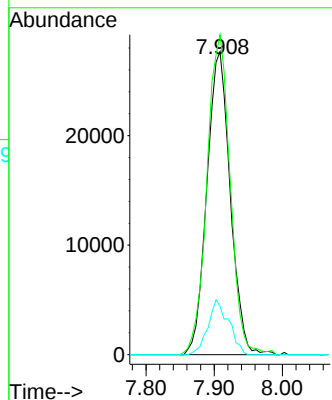
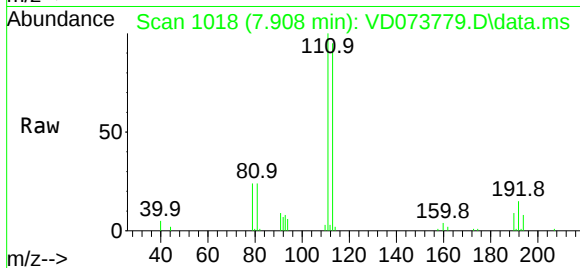
Tgt Ion:113 Resp: 66018

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.6

192 16.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 6.500 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.147 min

Lab File: VD073779.D

Acq: 05 Jul 2022 17:35

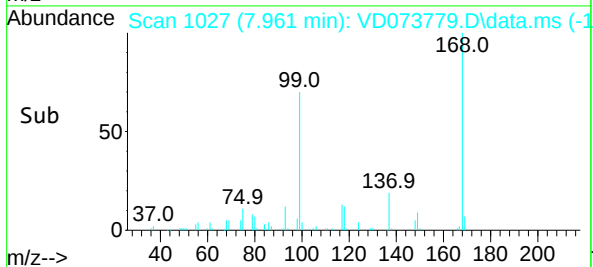
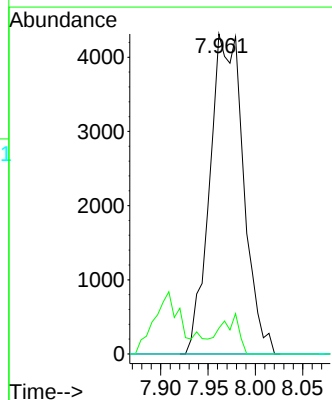
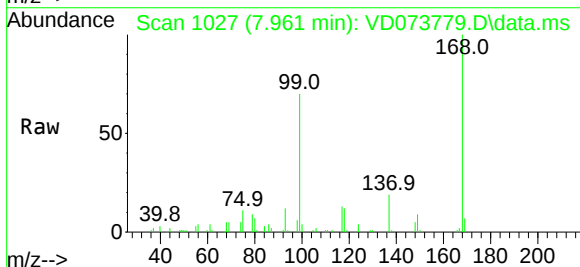
Tgt Ion: 75 Resp: 10656

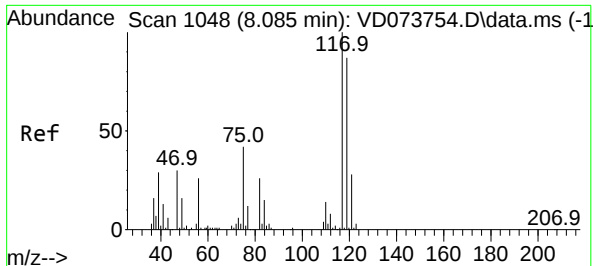
Ion Ratio Lower Upper

75 100

110 6.9 18.0 54.0#

77 0.0 25.6 38.4#

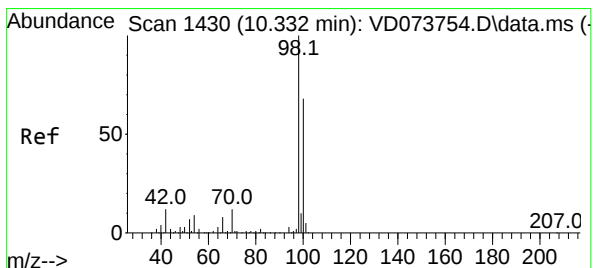
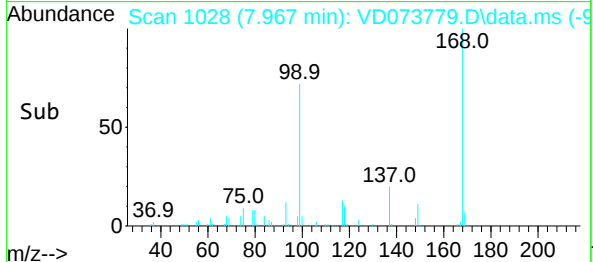
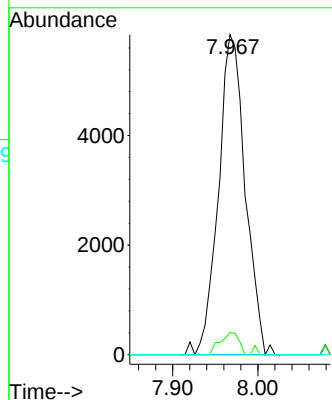
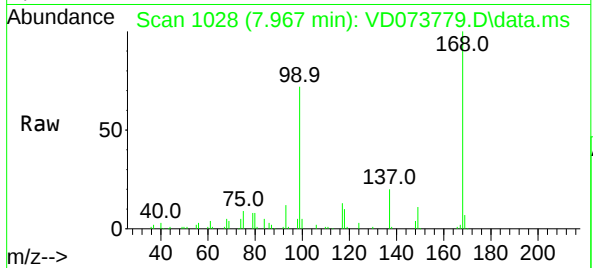




#38
Carbon Tetrachloride
Concen: 7.271 ug/l
RT: 7.967 min Scan# 1048
Delta R.T. -0.118 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

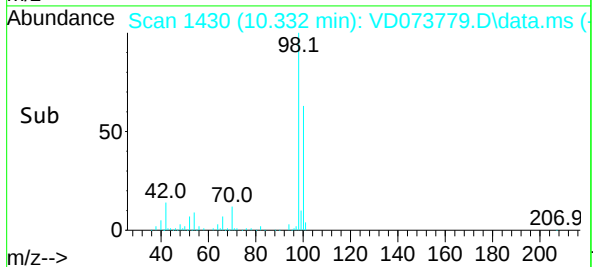
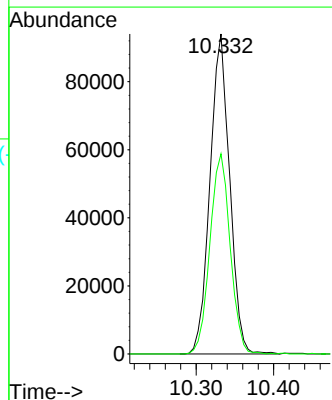
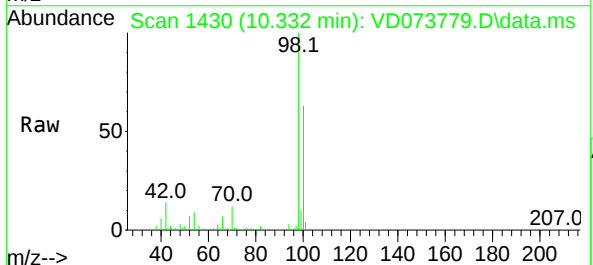
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

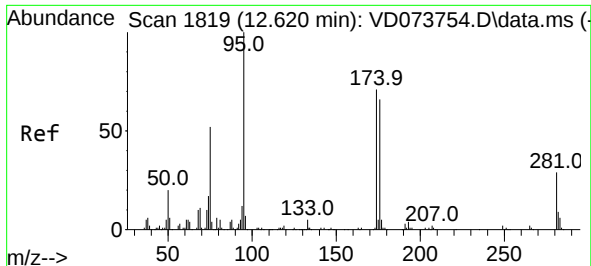
Tgt Ion:117 Resp: 12799
Ion Ratio Lower Upper
117 100
119 6.9 79.2 118.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 38.197 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

Tgt Ion: 98 Resp: 165438
Ion Ratio Lower Upper
98 100
100 64.4 54.0 81.0

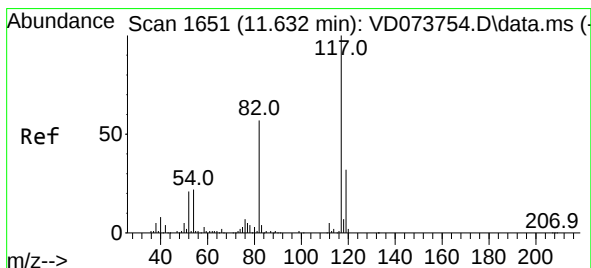
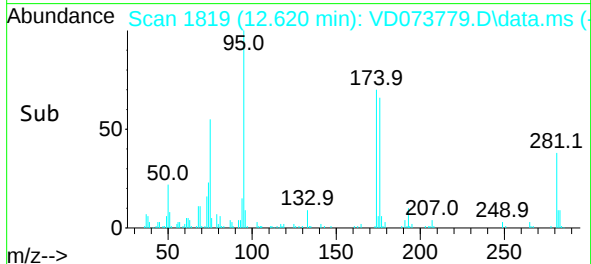
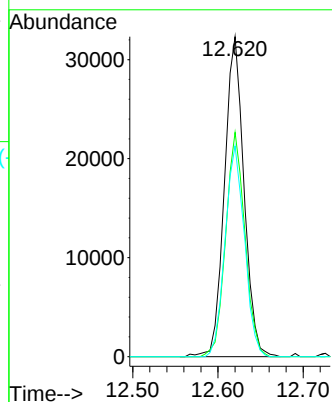
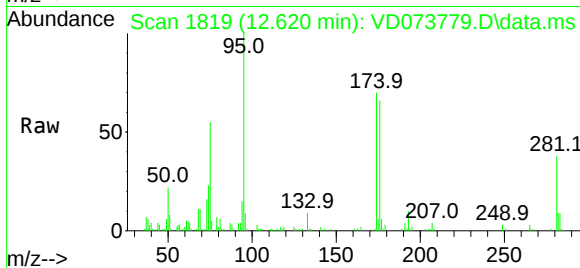




#62
4-Bromofluorobenzene
Concen: 30.139 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

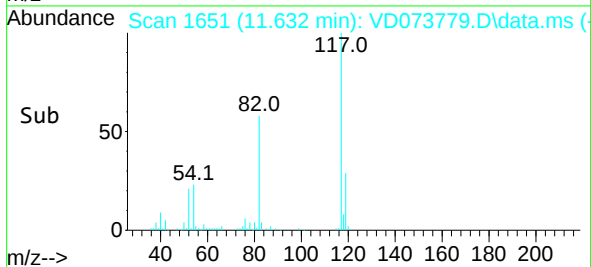
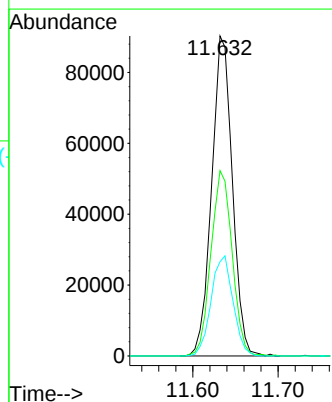
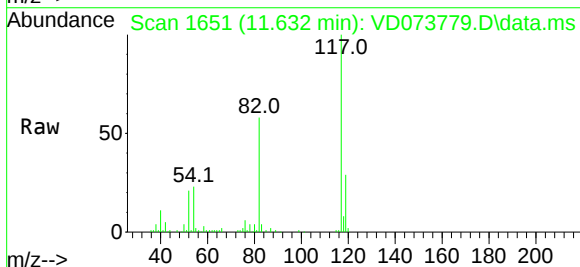
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

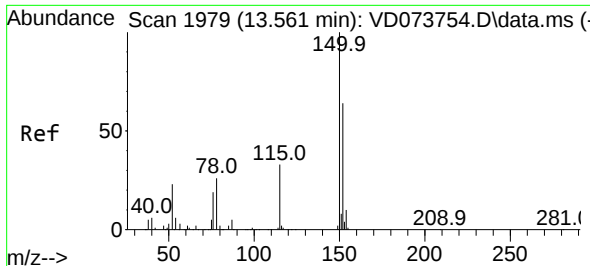
Tgt Ion: 95 Resp: 51487
Ion Ratio Lower Upper
95 100
174 68.9 0.0 158.4
176 65.2 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

Tgt Ion: 117 Resp: 152265
Ion Ratio Lower Upper
117 100
82 57.9 41.5 62.3
119 29.4 27.1 40.7

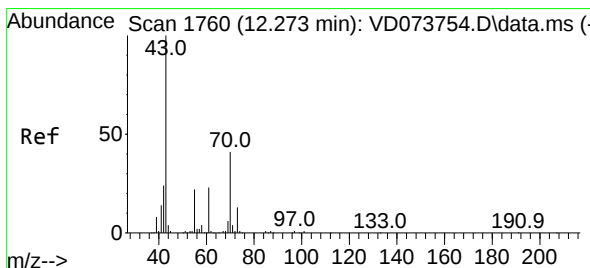
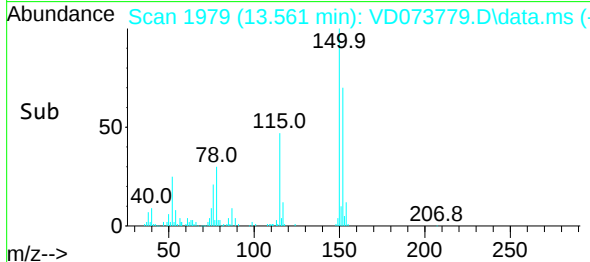
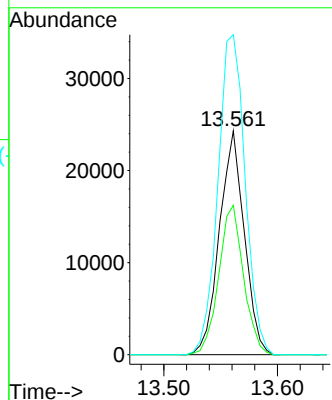
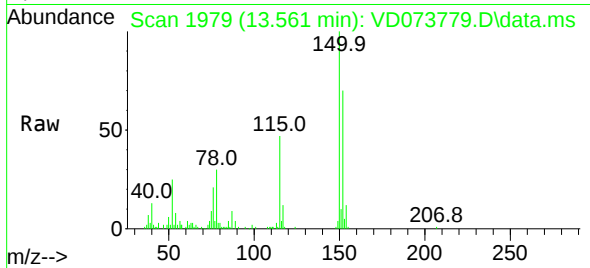




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

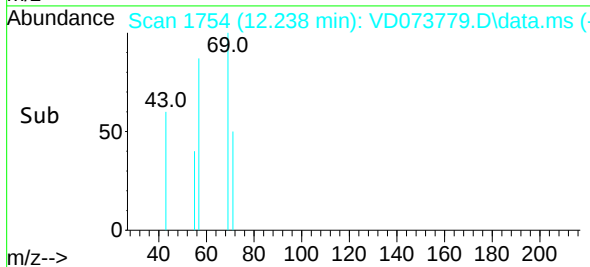
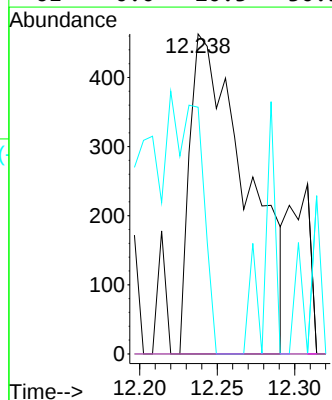
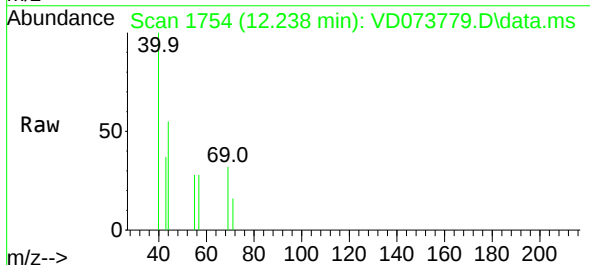
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

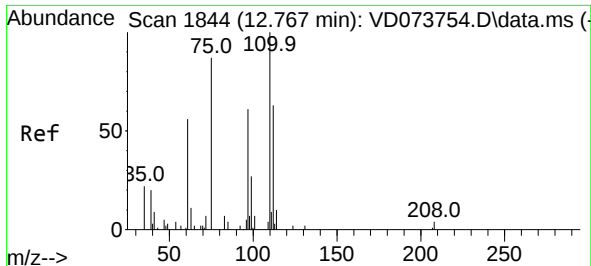
Tgt Ion:152 Resp: 36997
Ion Ratio Lower Upper
152 100
115 66.4 30.6 91.6
150 156.5 0.0 355.0



#74
N-ethyl acetate
Concen: 1.551 ug/l
RT: 12.238 min Scan# 1754
Delta R.T. -0.035 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
70 0.0 35.0 52.6#
55 0.0 21.0 31.4#
61 0.0 20.3 30.5#

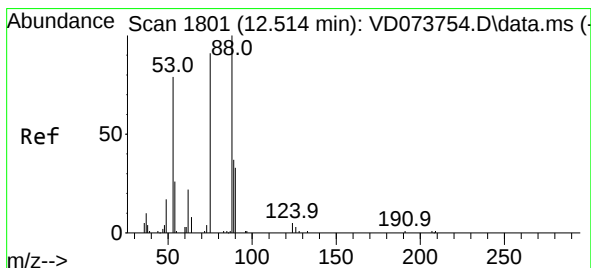
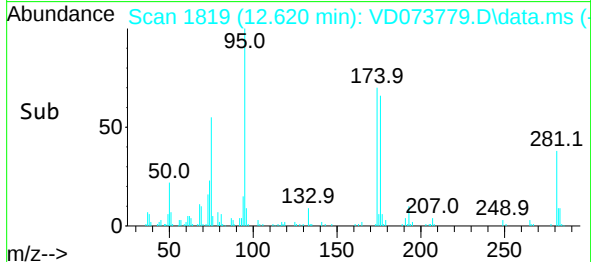
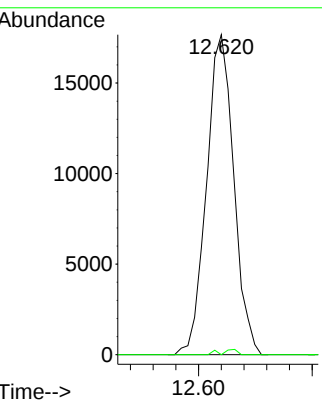
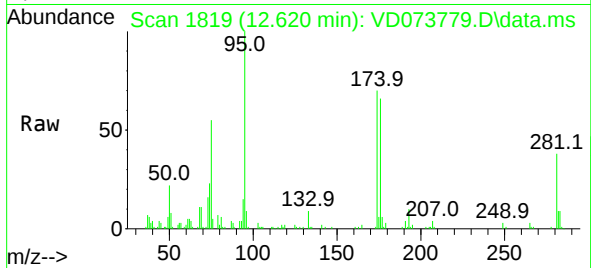




#76
1,2,3-Trichloropropane
Concen: 83.110 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

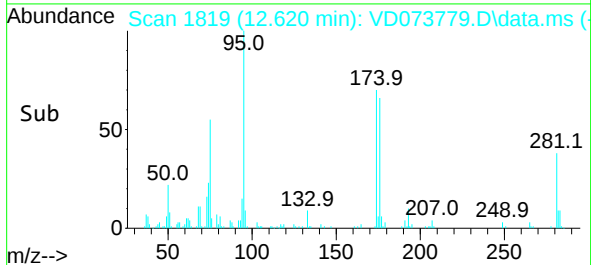
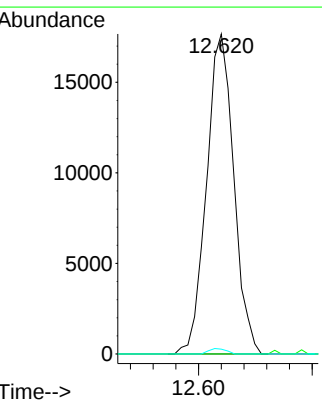
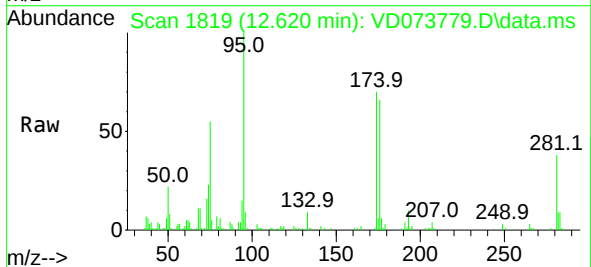
Instrument :
MSVOA_D
ClientSampleId :
SB-11ARE

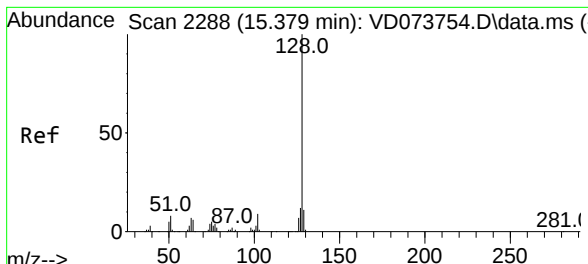
Tgt Ion: 75 Resp: 29385
Ion Ratio Lower Upper
75 100
77 1.0 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 160.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073779.D
Acq: 05 Jul 2022 17:35

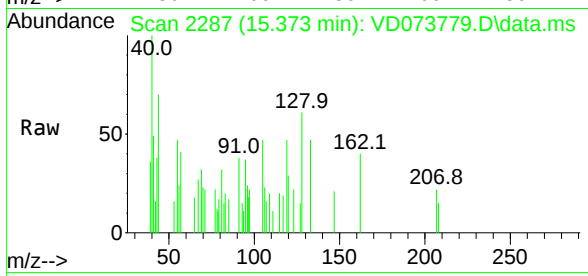
Tgt Ion: 75 Resp: 29385
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 1.1 37.8 56.8#





#95
 Naphthalene
 Concen: 1.061 ug/l
 RT: 15.373 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073779.D
 Acq: 05 Jul 2022 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11ARE



Tgt Ion:	128	Resp:	1485
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	16.0
129	4.2	8.9	13.3#

