

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073780.D
 Acq On : 05 Jul 2022 18:05
 Operator : VA/SY
 Sample : N3562-02
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7B

Quant Time: Jul 06 02:51:51 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)

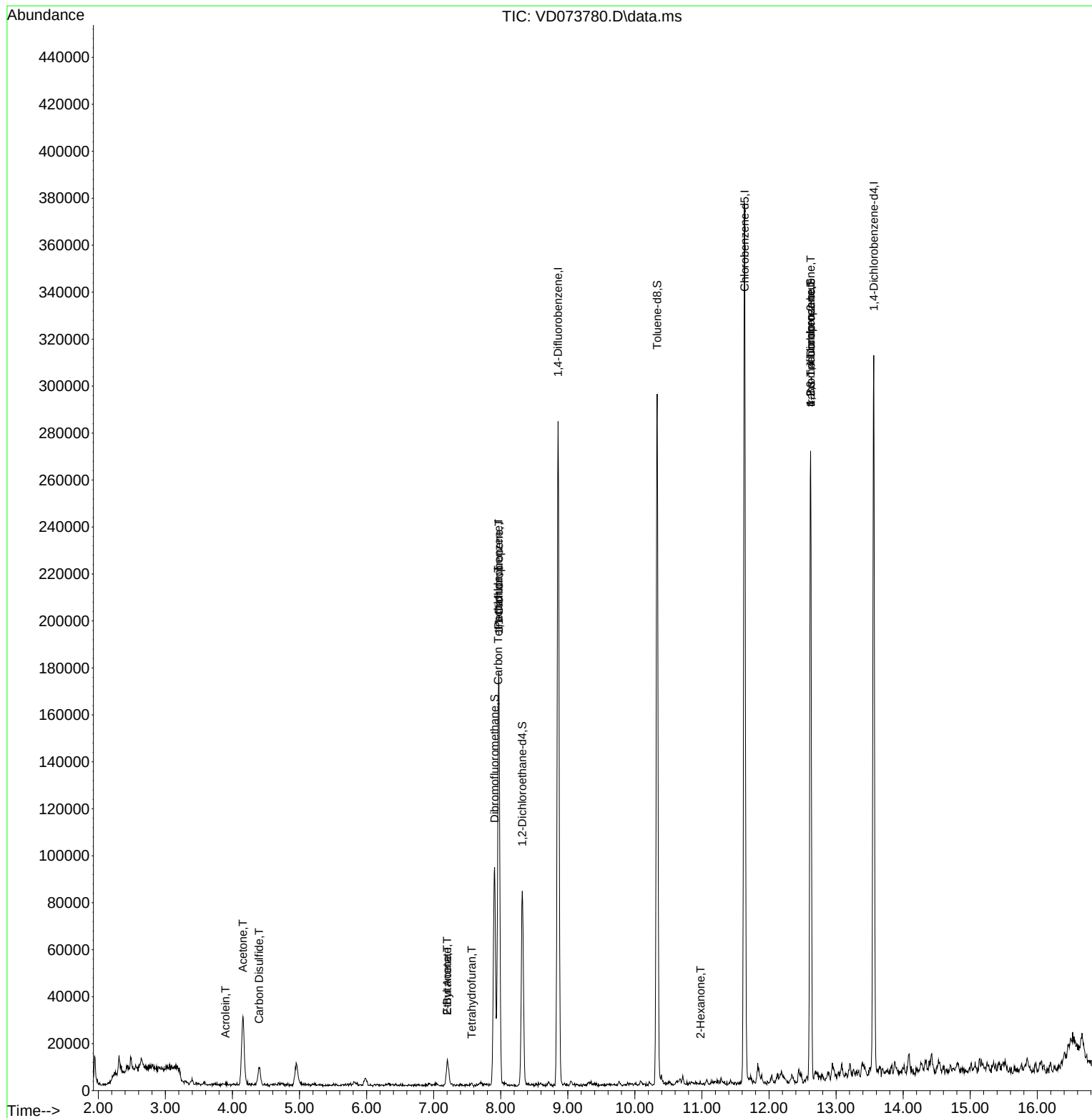
Internal Standards						
1) Pentafluorobenzene	7.967	168	116914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	235016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	205684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	74366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	66120	57.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.940%			
35) Dibromofluoromethane	7.909	113	64894	50.829	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.660%			
50) Toluene-d8	10.332	98	194577	41.548	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 83.100%#			
62) 4-Bromofluorobenzene	12.620	95	79938	43.277	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 86.560%#			
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	893	Below Cal	#	3
13) Acrolein	3.897	56	164	6.261	ug/l #	12
16) Acetone	4.156	43	51123	215.442	ug/l	98
17) Carbon Disulfide	4.397	76	15529	10.324	ug/l #	94
18) Methyl Acetate	4.709	43	267	Below Cal	#	55
25) 2-Butanone	7.203	43	16845	43.226	ug/l #	83
29) Tetrahydrofuran	7.567	42	454	1.843	ug/l #	41
31) Cyclohexane	7.967	56	3985	Below Cal	#	42
36) 1,1-Dichloropropene	7.973	75	11894	6.710	ug/l #	50
37) Ethyl Acetate	7.203	43	16845	18.026	ug/l #	68
38) Carbon Tetrachloride	7.961	117	14145	7.432	ug/l #	14
59) 2-Hexanone	10.979	43	1379	1.995	ug/l #	37
76) 1,2,3-Trichloropropane	12.620	75	42268	59.475	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	42268	114.734	ug/l #	11

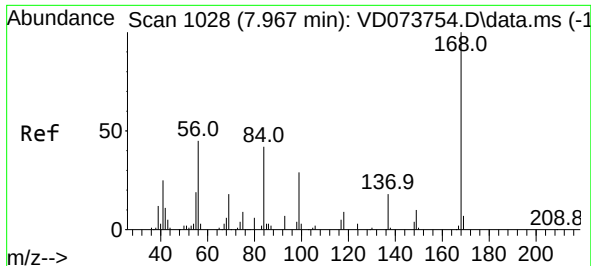
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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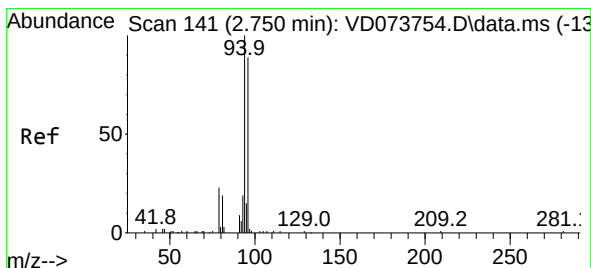
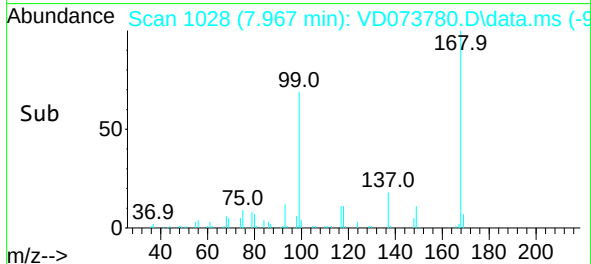
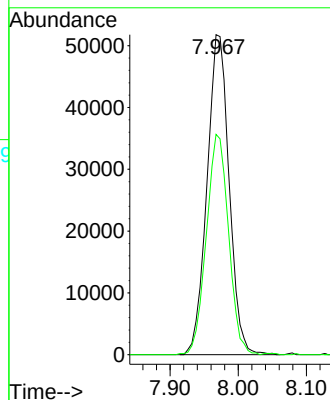
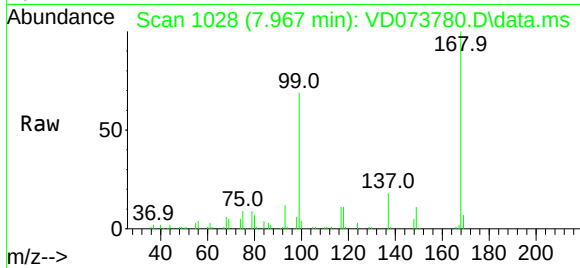




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

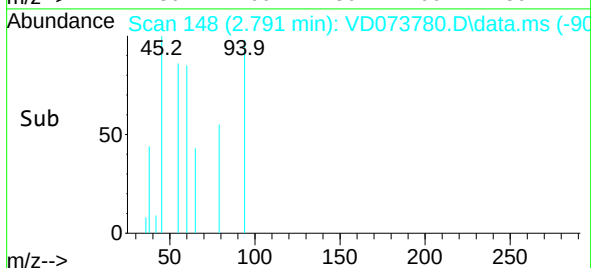
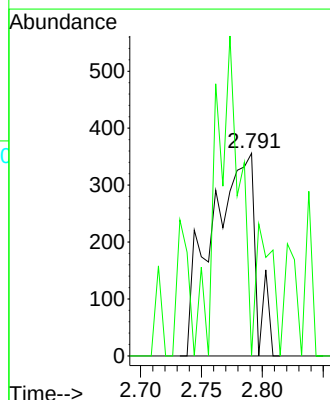
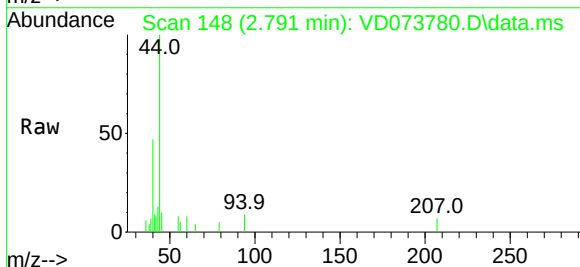
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

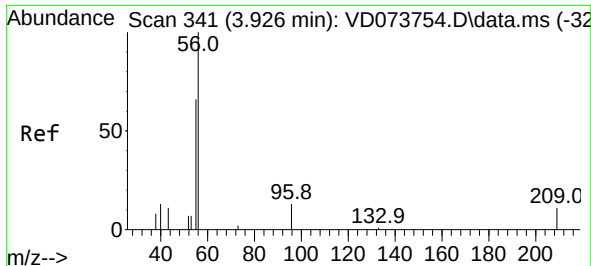
Tgt Ion:168 Resp: 116914
Ion Ratio Lower Upper
168 100
99 68.9 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.041 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 94 Resp: 893
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

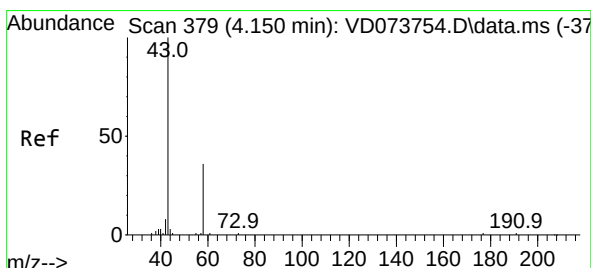
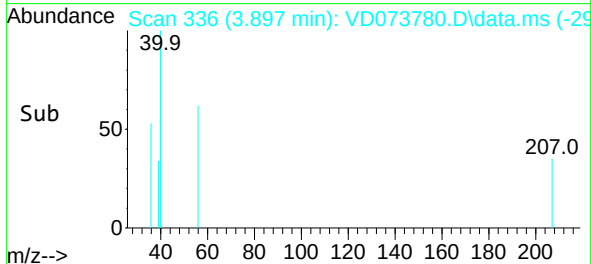
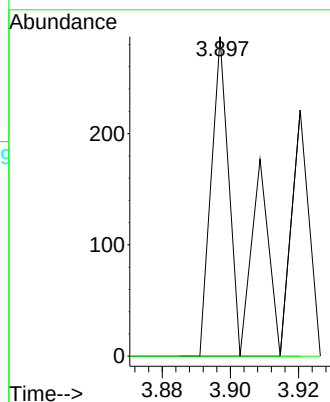
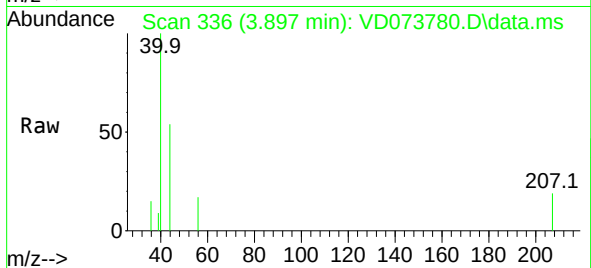




#13
Acrolein
Concen: 6.261 ug/l
RT: 3.897 min Scan# 31
Delta R.T. -0.029 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

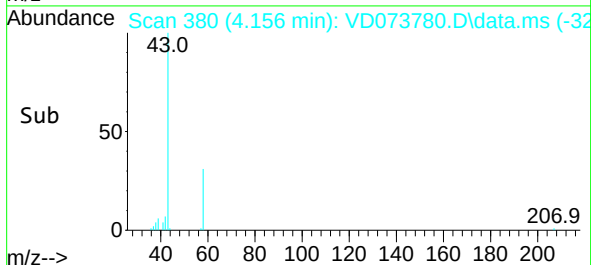
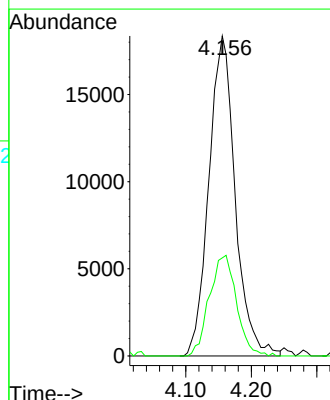
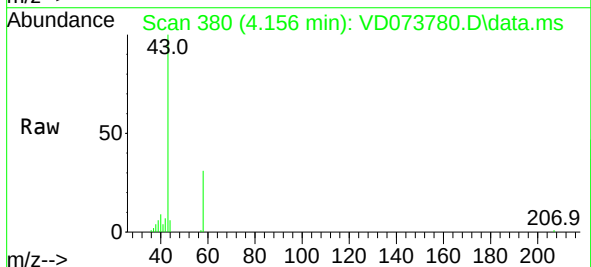
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

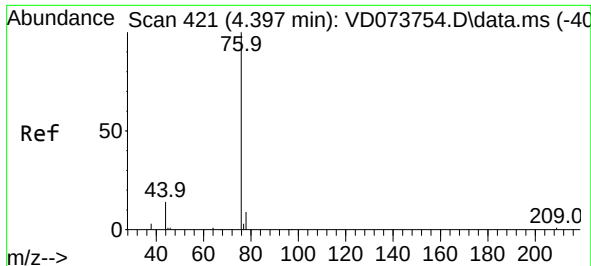
Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 0.0 60.3 90.5#



#16
Acetone
Concen: 215.442 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 43 Resp: 51123
Ion Ratio Lower Upper
43 100
58 30.6 25.2 37.8

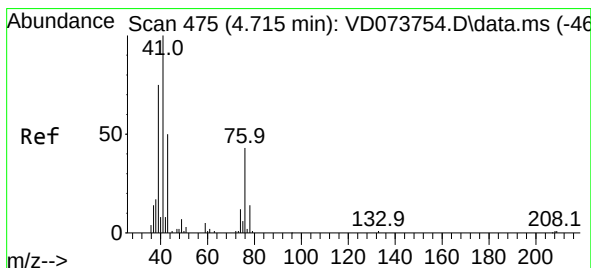
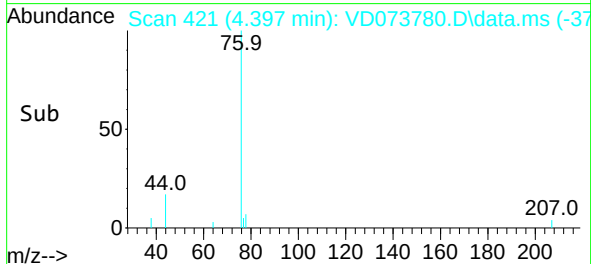
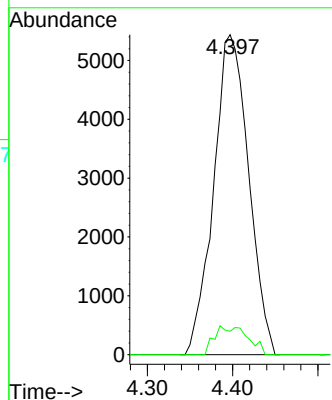
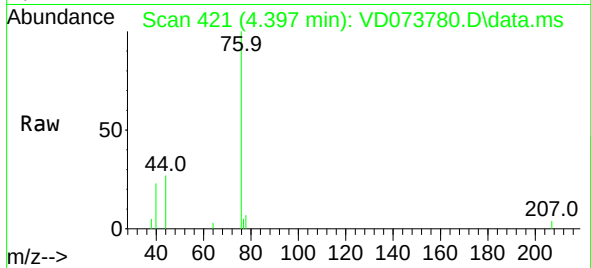




#17
Carbon Disulfide
Concen: 10.324 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

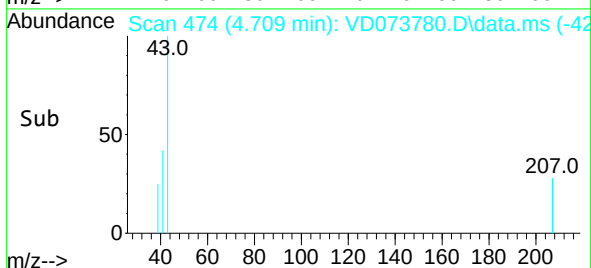
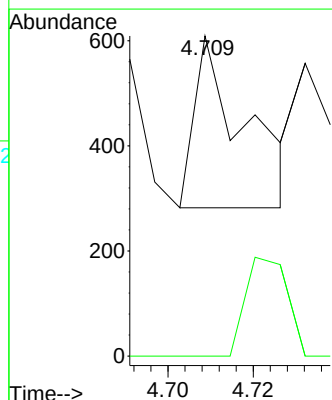
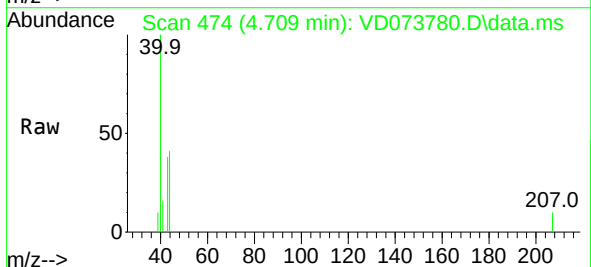
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

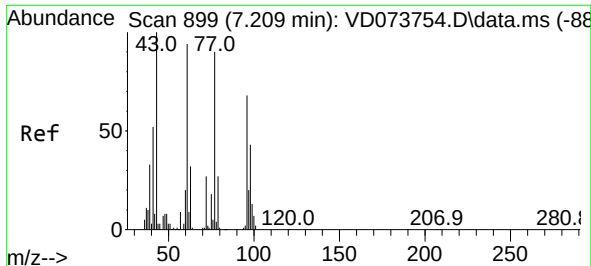
Tgt Ion: 76 Resp: 15529
Ion Ratio Lower Upper
76 100
78 7.3 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
74 47.9 20.2 30.4#





#25

2-Butanone

Concen: 43.226 ug/l

RT: 7.203 min Scan# 89

Delta R.T. -0.006 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

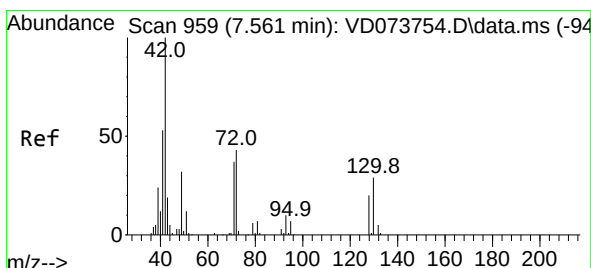
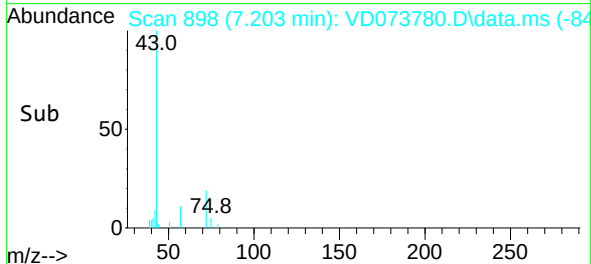
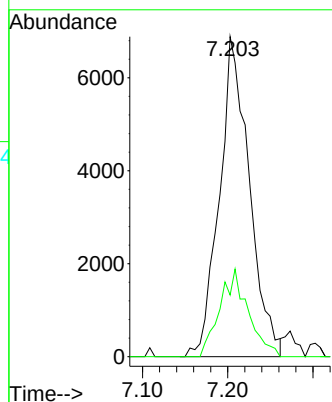
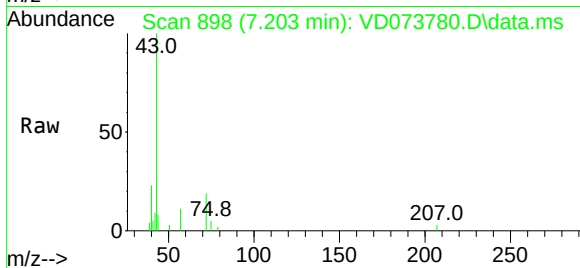
SB-7B

Tgt Ion: 43 Resp: 16845

Ion Ratio Lower Upper

43 100

72 19.2 22.6 33.8#



#29

Tetrahydrofuran

Concen: 1.843 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

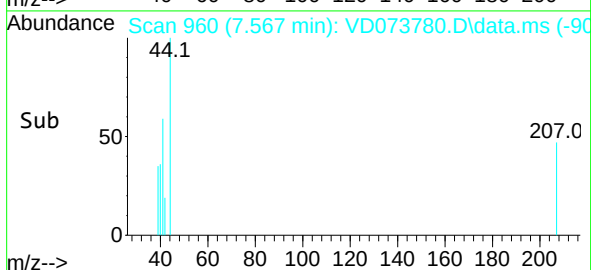
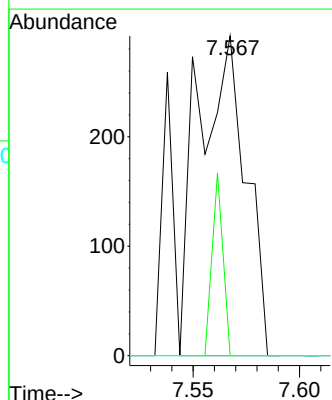
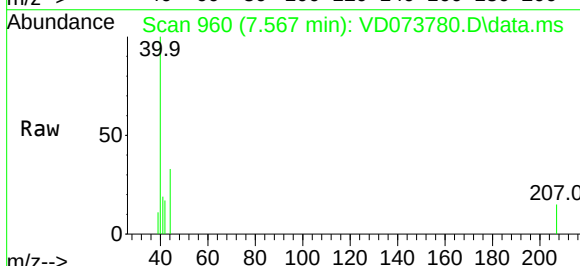
Tgt Ion: 42 Resp: 454

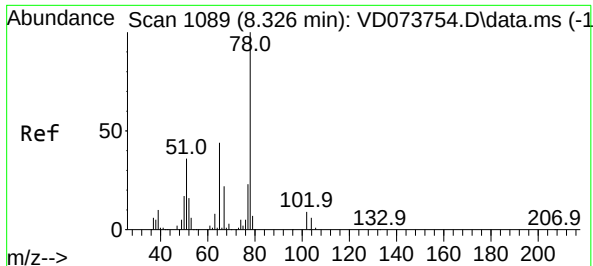
Ion Ratio Lower Upper

42 100

72 13.0 37.8 56.6#

71 0.0 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 57.973 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

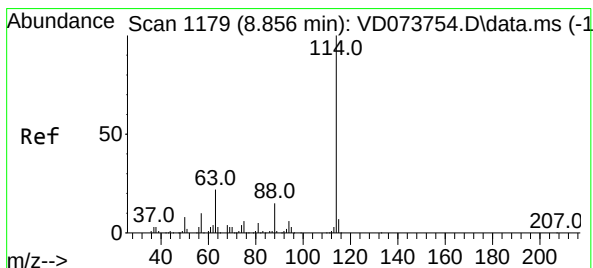
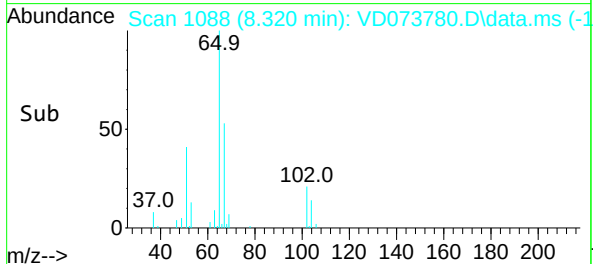
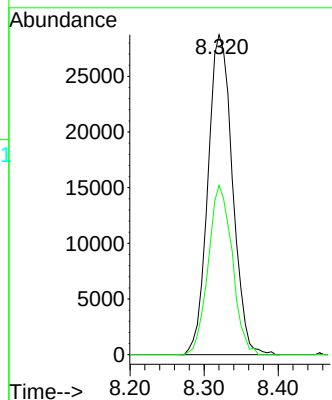
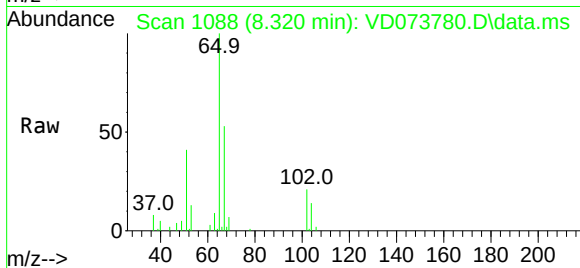
SB-7B

Tgt Ion: 65 Resp: 66120

Ion Ratio Lower Upper

65 100

67 51.7 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: VD073780.D

Acq: 05 Jul 2022 18:05

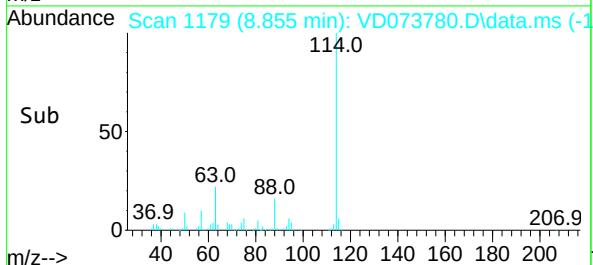
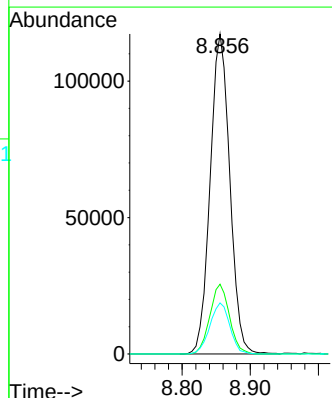
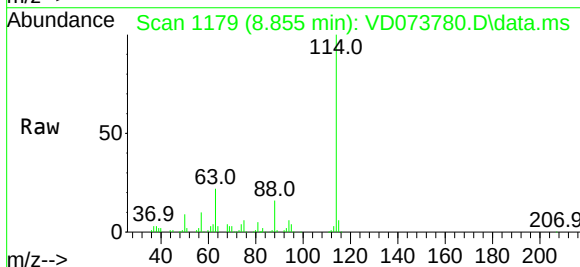
Tgt Ion: 114 Resp: 235016

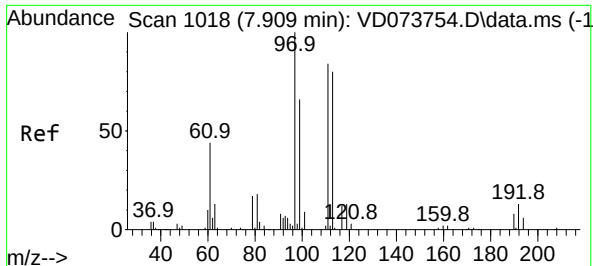
Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.2

88 15.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

Instrument :

MSVOA_D

ClientSampleId :

SB-7B

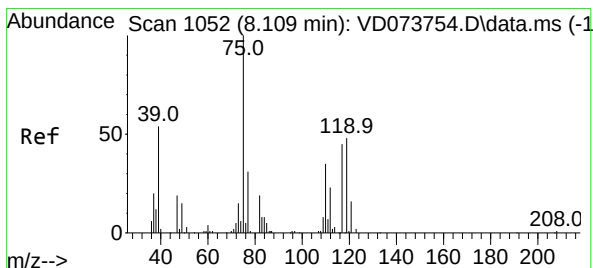
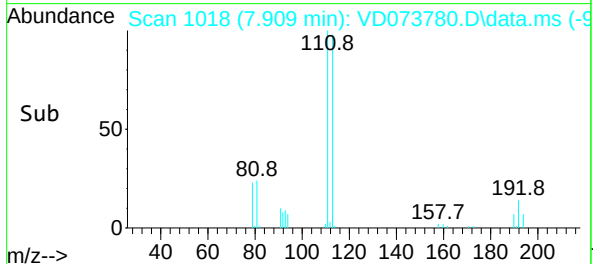
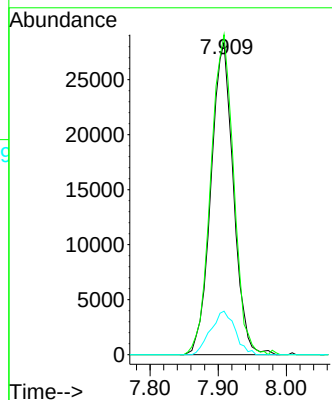
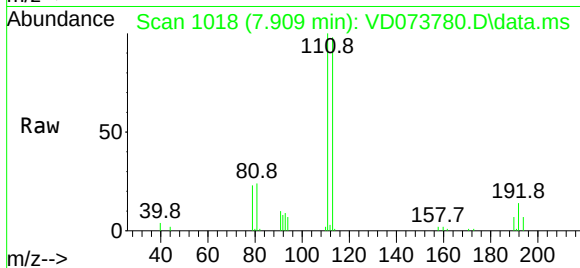
Tgt Ion:113 Resp: 64894

Ion Ratio Lower Upper

113 100

111 105.0 81.8 122.6

192 15.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 6.710 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073780.D

Acq: 05 Jul 2022 18:05

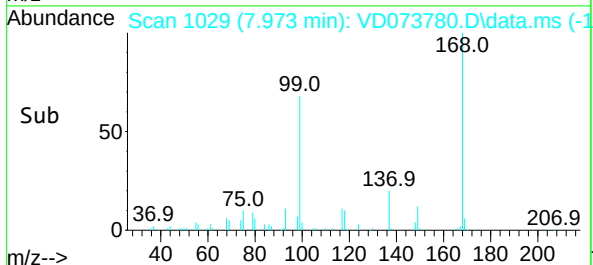
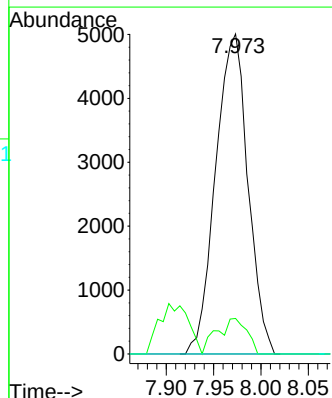
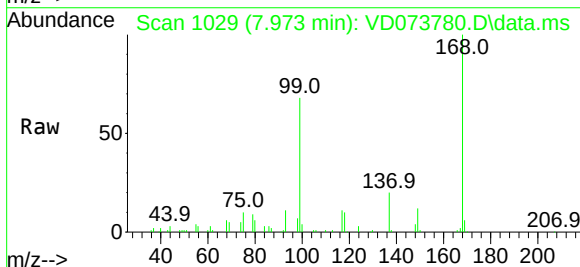
Tgt Ion: 75 Resp: 11894

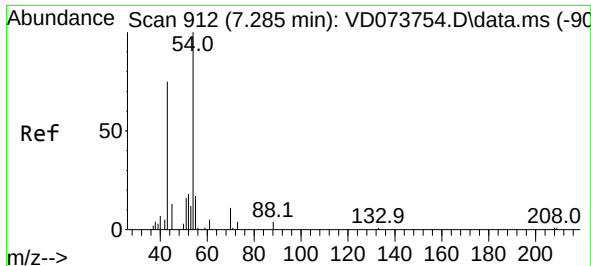
Ion Ratio Lower Upper

75 100

110 10.2 18.0 54.0#

77 0.0 25.6 38.4#

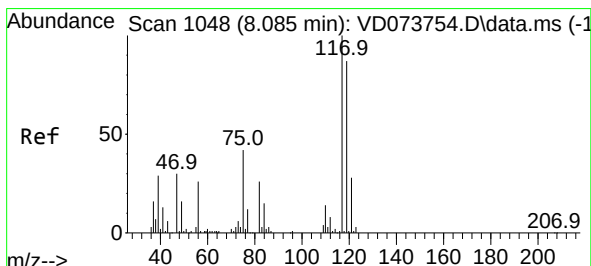
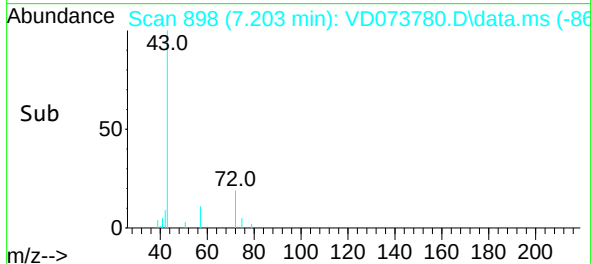
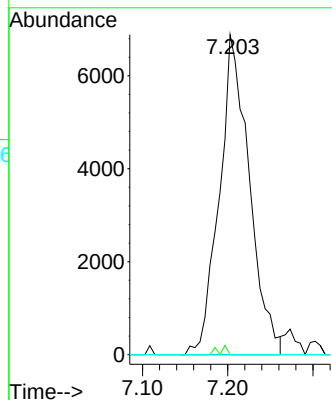
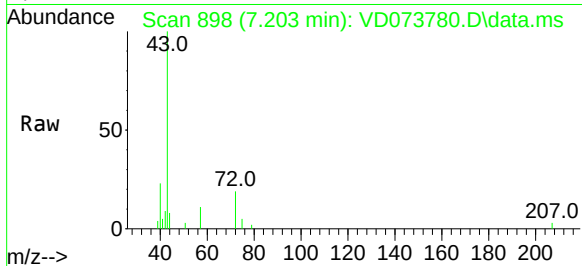




#37
Ethyl Acetate
Concen: 18.026 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.082 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

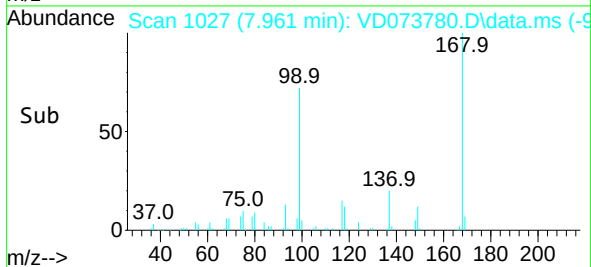
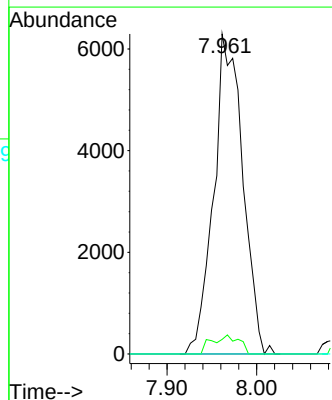
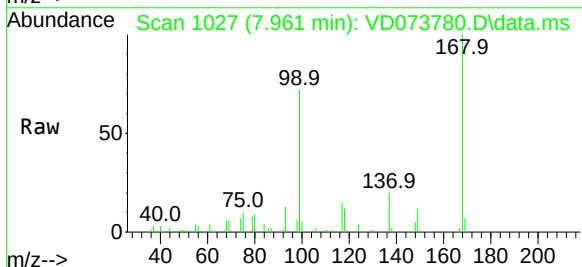
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

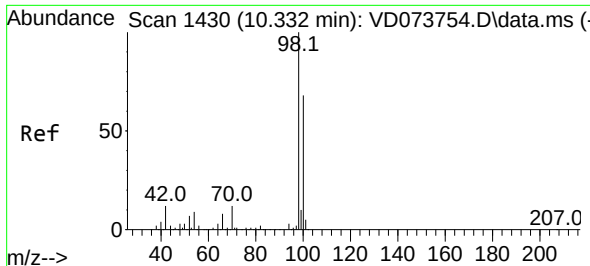
Tgt Ion: 43 Resp: 16845
Ion Ratio Lower Upper
43 100
61 0.3 10.6 16.0#
70 0.0 9.9 14.9#



#38
Carbon Tetrachloride
Concen: 7.432 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.124 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 117 Resp: 14145
Ion Ratio Lower Upper
117 100
119 4.5 79.2 118.8#
121 0.0 23.8 35.8#

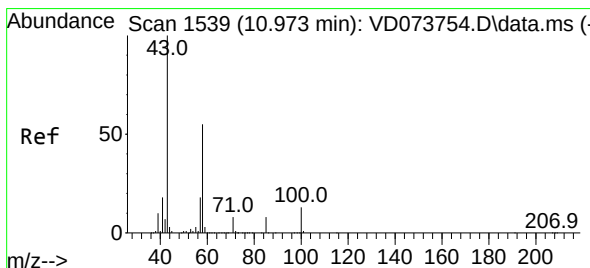
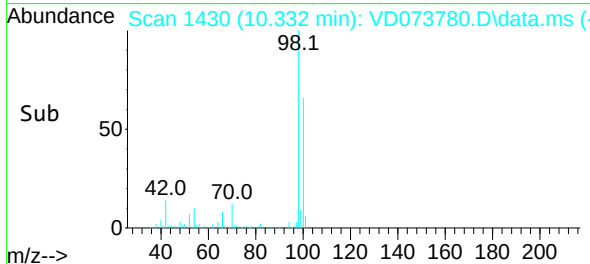
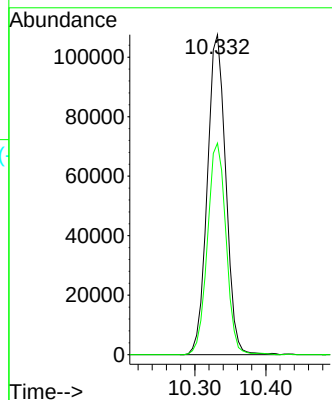
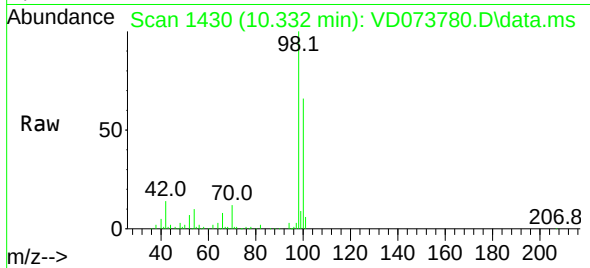




#50
Toluene-d8
Concen: 41.548 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

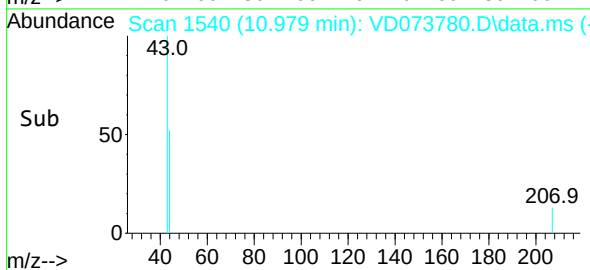
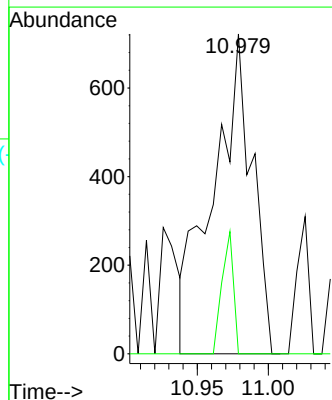
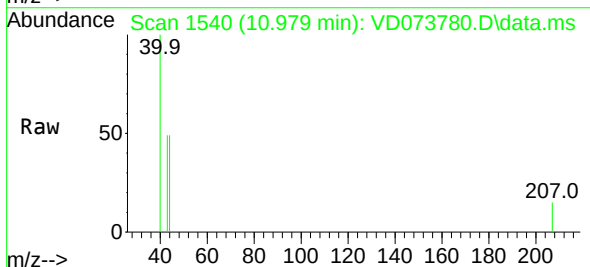
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

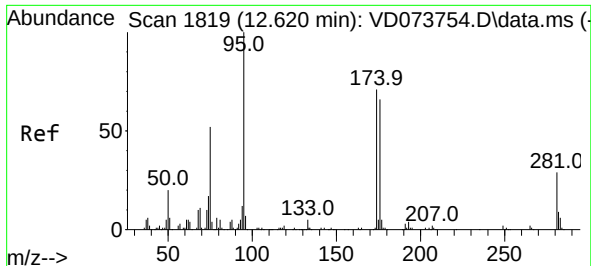
Tgt Ion: 98 Resp: 194577
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



#59
2-Hexanone
Concen: 1.995 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 11.2 28.8 86.4#

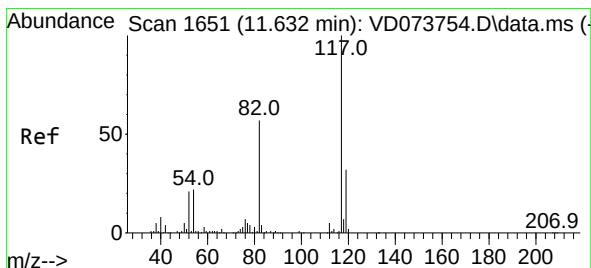
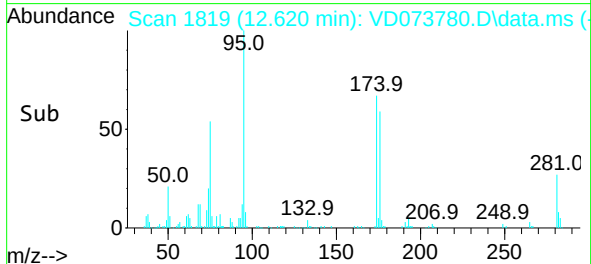
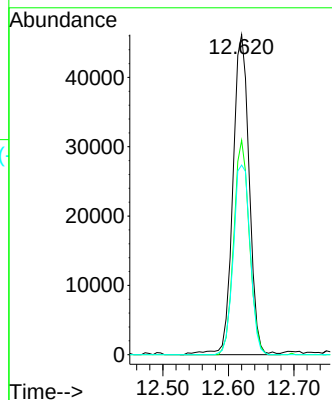
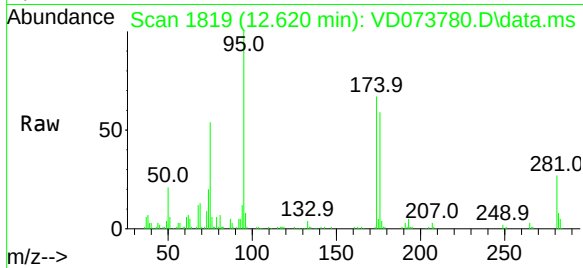




#62
4-Bromofluorobenzene
Concen: 43.277 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

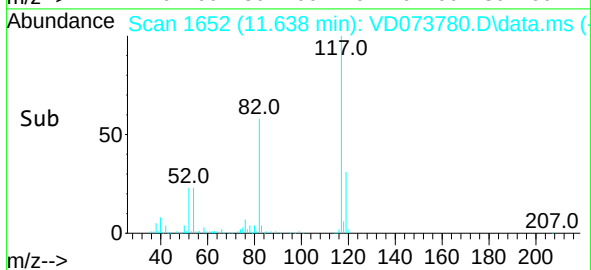
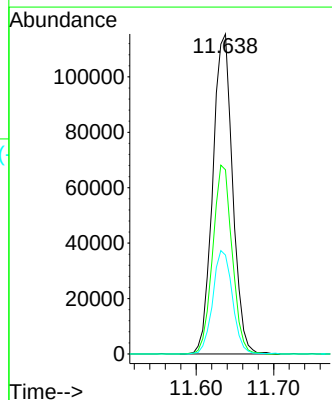
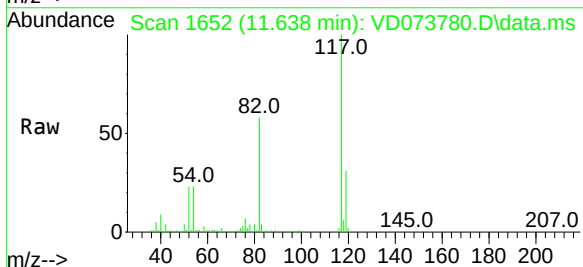
Instrument :
MSVOA_D
ClientSampleId :
SB-7B

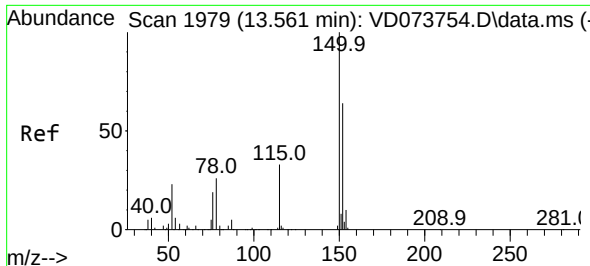
Tgt Ion: 95 Resp: 79938
Ion Ratio Lower Upper
95 100
174 63.8 0.0 158.4
176 60.9 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073780.D
Acq: 05 Jul 2022 18:05

Tgt Ion: 117 Resp: 205684
Ion Ratio Lower Upper
117 100
82 57.6 41.5 62.3
119 30.9 27.1 40.7

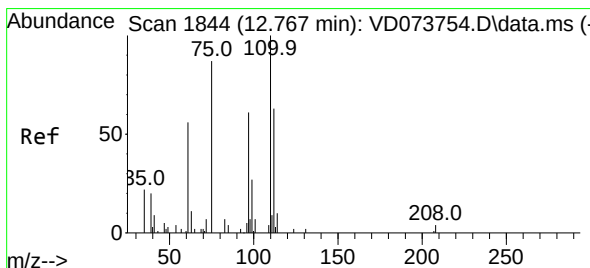
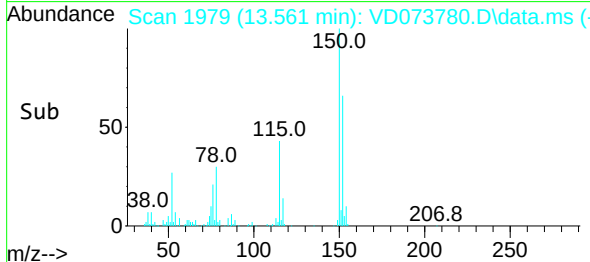
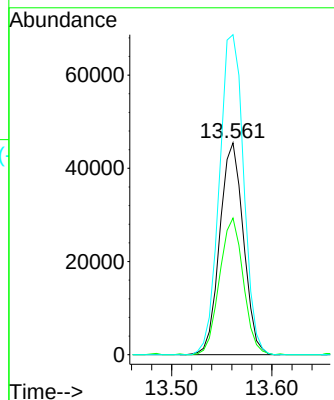
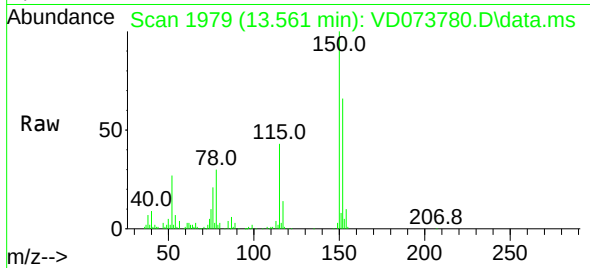




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073780.D
 Acq: 05 Jul 2022 18:05

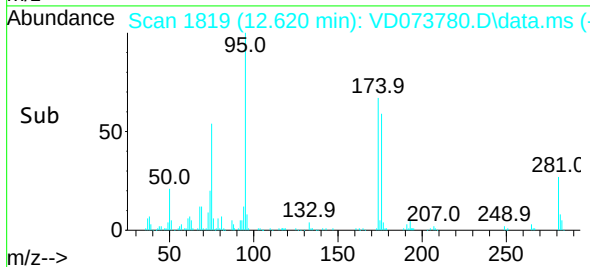
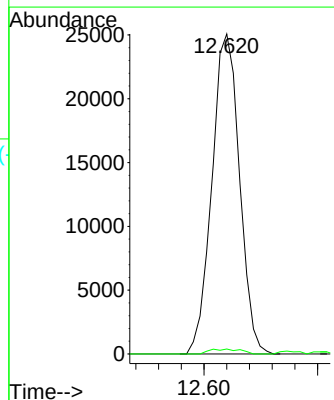
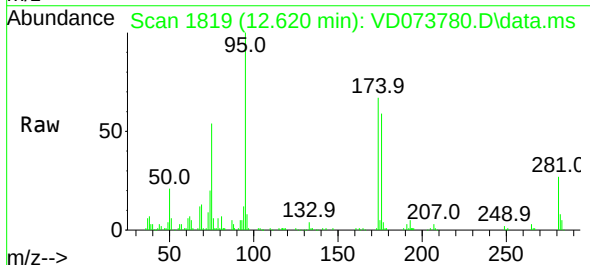
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7B

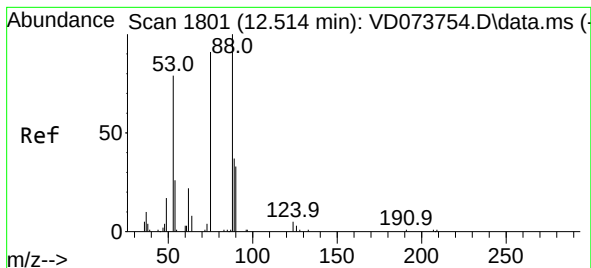
Tgt Ion:152 Resp: 74366
 Ion Ratio Lower Upper
 152 100
 115 64.7 30.6 91.6
 150 155.3 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 59.475 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073780.D
 Acq: 05 Jul 2022 18:05

Tgt Ion: 75 Resp: 42268
 Ion Ratio Lower Upper
 75 100
 77 1.7 195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.734 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073780.D
 Acq: 05 Jul 2022 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7B

Tgt Ion: 75 Resp: 42268
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.0 115.6#
 89 0.6 37.8 56.8#

