

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073785.D
 Acq On : 05 Jul 2022 20:35
 Operator : VA/SY
 Sample : N3562-08
 Misc : 10.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B

Quant Time: Jul 06 02:52:45 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)

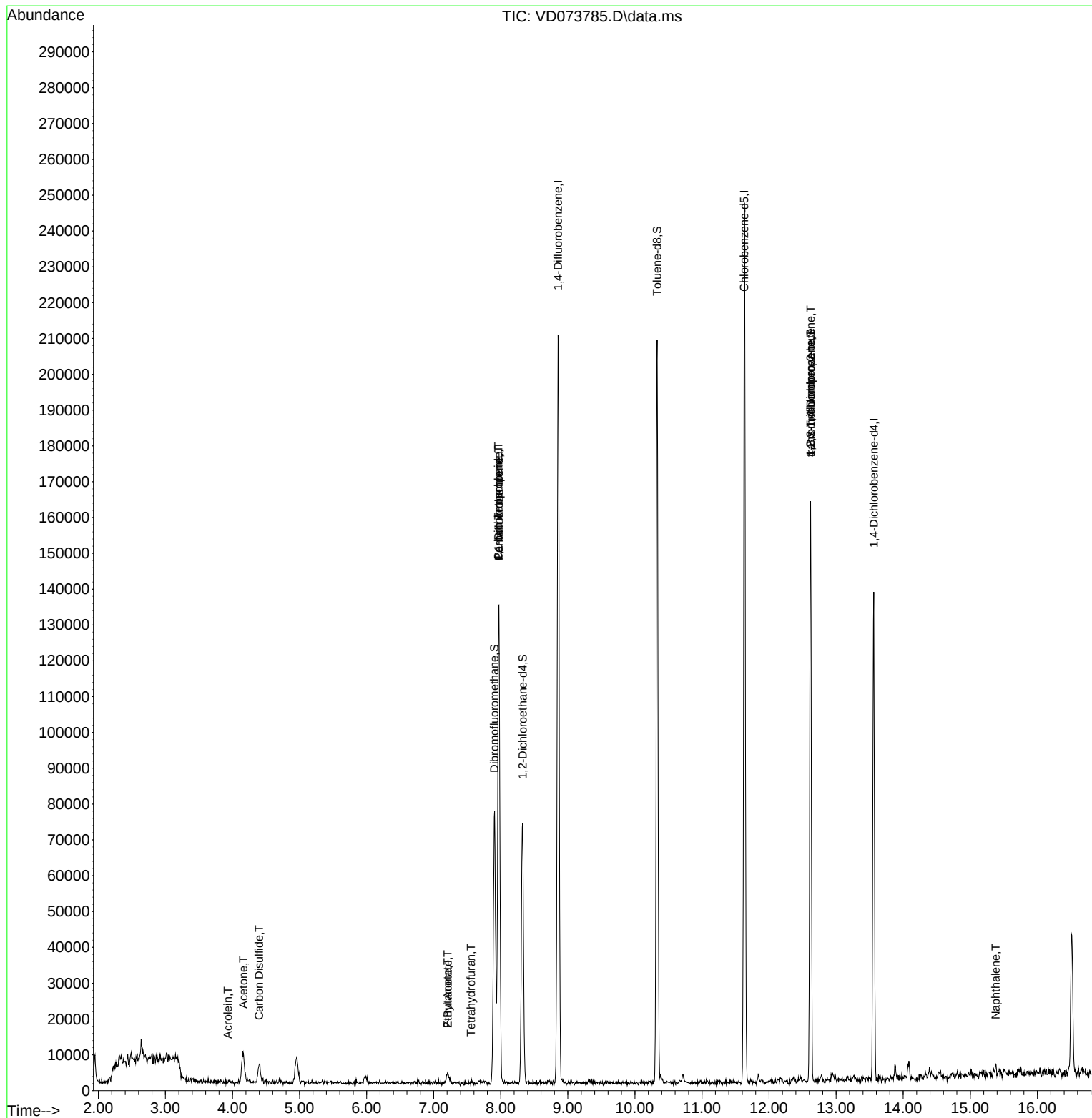
Internal Standards						
1) Pentafluorobenzene	7.973	168	88443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	173692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	128586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	57156	66.246	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.500%			
35) Dibromofluoromethane	7.902	113	53072	56.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.500%			
50) Toluene-d8	10.332	98	138483	40.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 80.020%#			
62) 4-Bromofluorobenzene	12.620	95	43271	31.697	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 63.400%#			
Target Compounds						
5) Bromomethane	2.779	94	400	Below Cal	#	3
13) Acrolein	3.932	56	131	6.611	ug/l #	12
16) Acetone	4.162	43	15837	88.224	ug/l #	84
17) Carbon Disulfide	4.397	76	10210	8.973	ug/l #	94
18) Methyl Acetate	4.714	43	1172	Below Cal	#	50
25) 2-Butanone	7.208	43	5228	17.734	ug/l #	79
29) Tetrahydrofuran	7.555	42	503	2.699	ug/l #	40
31) Cyclohexane	7.961	56	2749	Below Cal	#	63
36) 1,1-Dichloropropene	7.967	75	8987	6.860	ug/l #	44
37) Ethyl Acetate	7.208	43	5228	7.570	ug/l #	68
38) Carbon Tetrachloride	7.967	117	11527	8.195	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	24130	80.397	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	24130	155.096	ug/l #	11
95) Naphthalene	15.379	128	3724	3.134	ug/l #	92

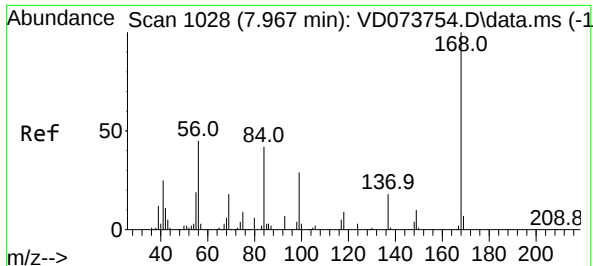
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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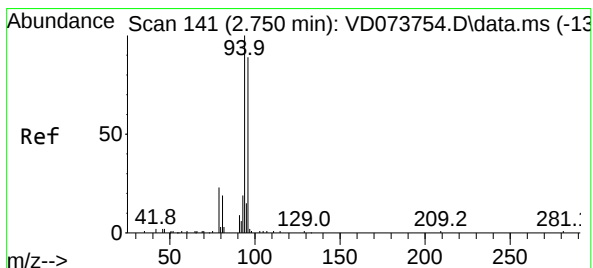
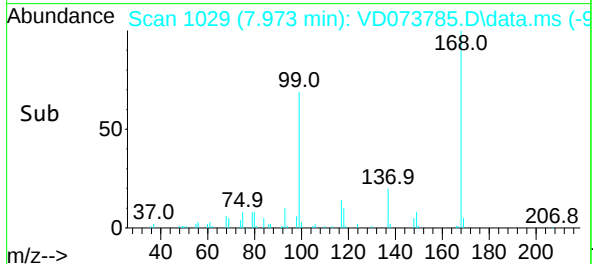
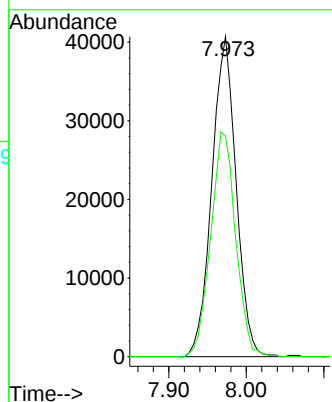
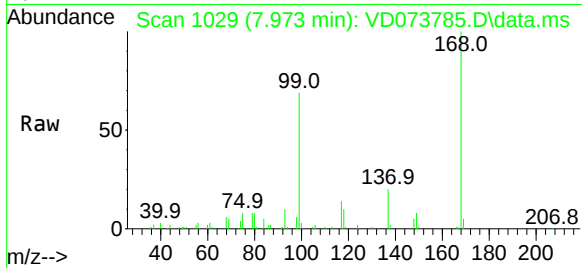




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

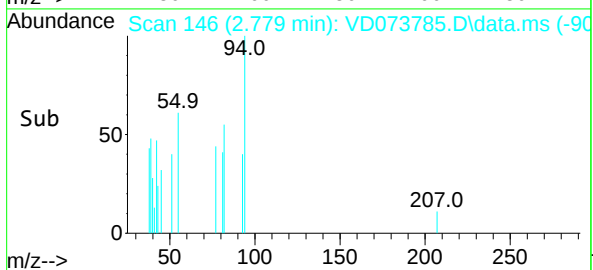
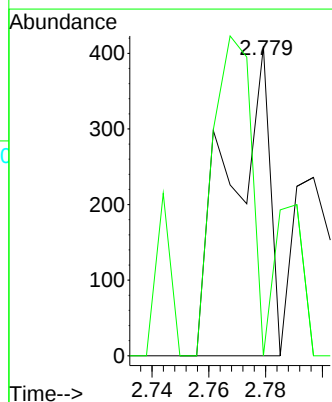
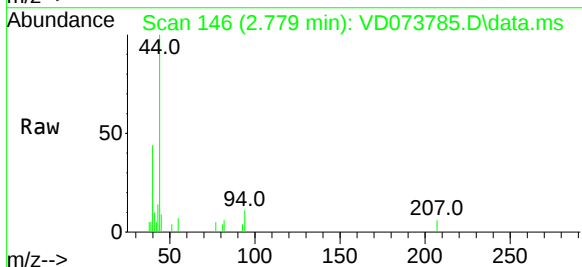
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

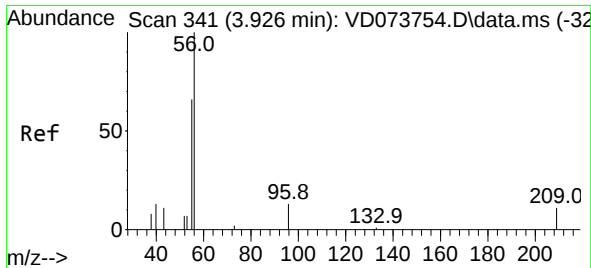
Tgt Ion:168 Resp: 88443
Ion Ratio Lower Upper
168 100
99 68.9 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.029 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

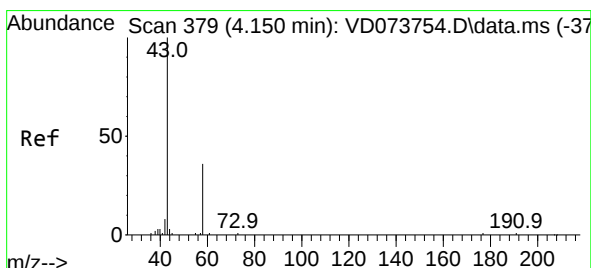
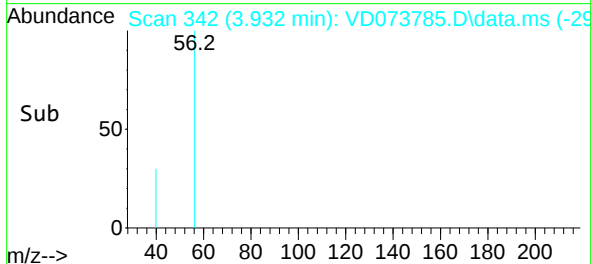
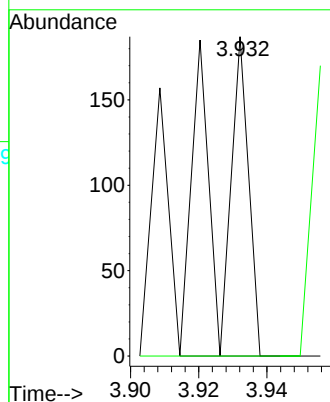
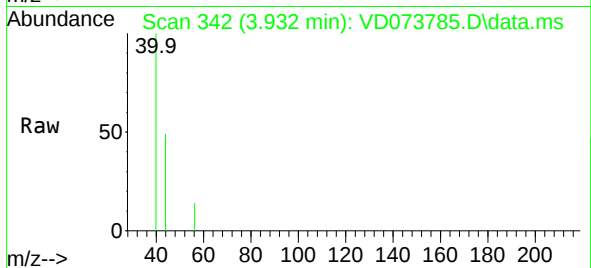




#13
Acrolein
Concen: 6.611 ug/l
RT: 3.932 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

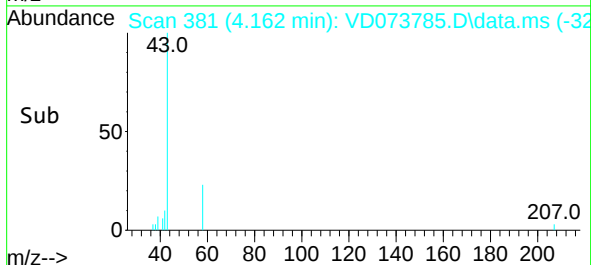
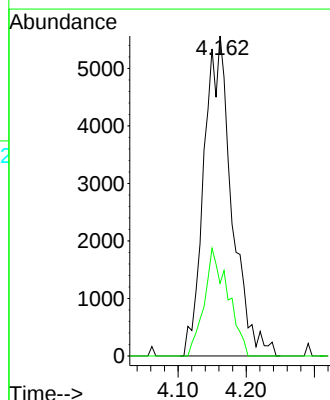
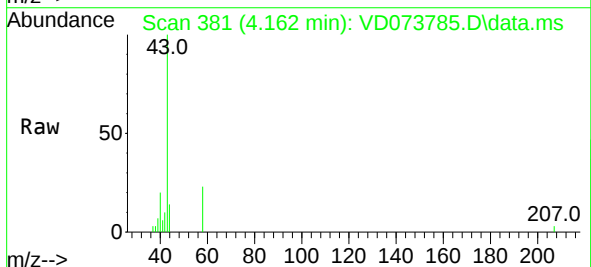
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

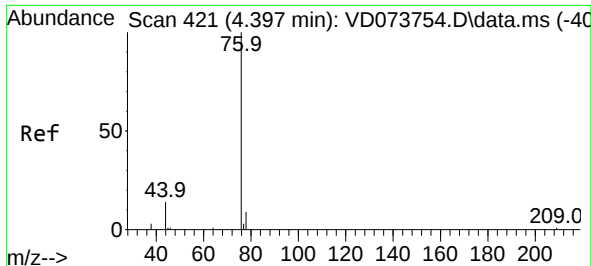
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 0.0 60.3 90.5#



#16
Acetone
Concen: 88.224 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

Tgt Ion: 43 Resp: 15837
Ion Ratio Lower Upper
43 100
58 22.7 25.2 37.8#

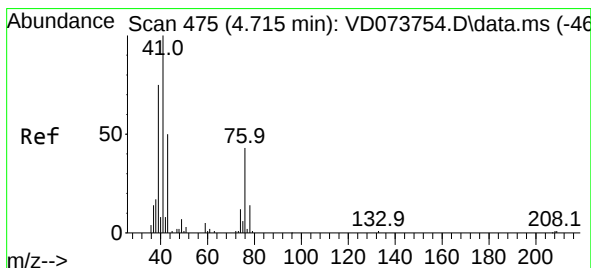
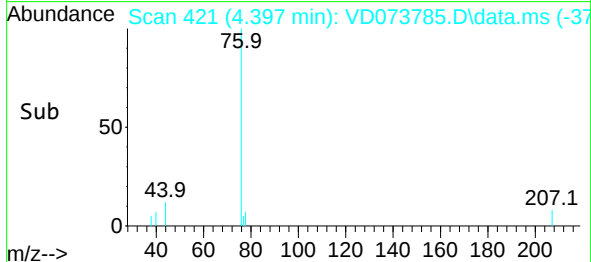
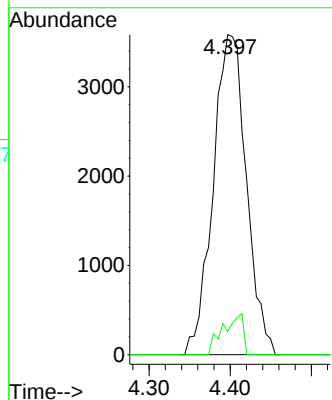
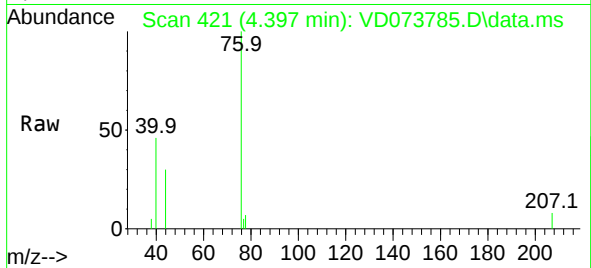




#17
Carbon Disulfide
Concen: 8.973 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

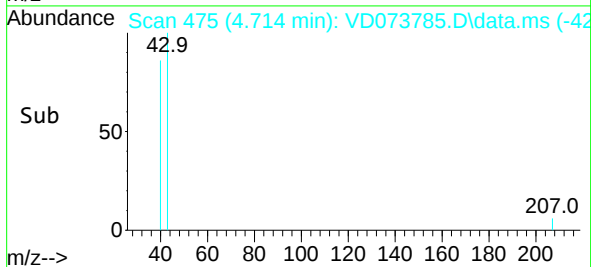
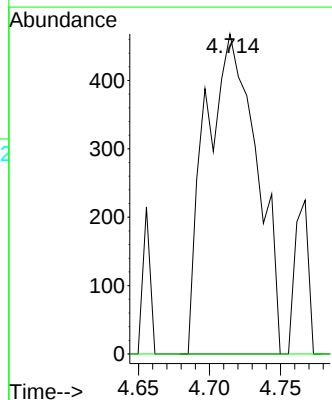
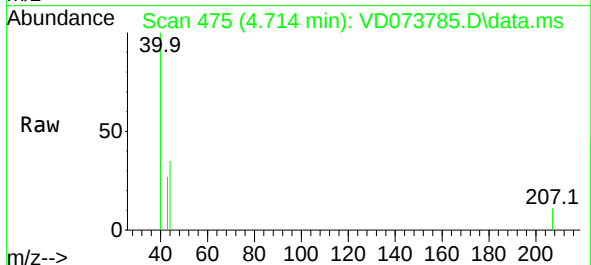
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

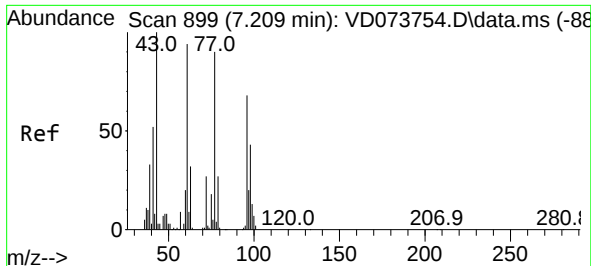
Tgt Ion: 76 Resp: 10210
Ion Ratio Lower Upper
76 100
78 7.2 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#





#25

2-Butanone

Concen: 17.734 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073785.D

Acq: 05 Jul 2022 20:35

Instrument :

MSVOA_D

ClientSampleId :

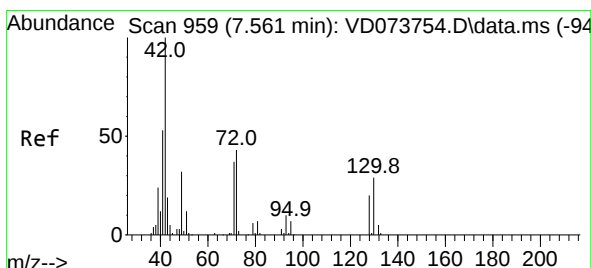
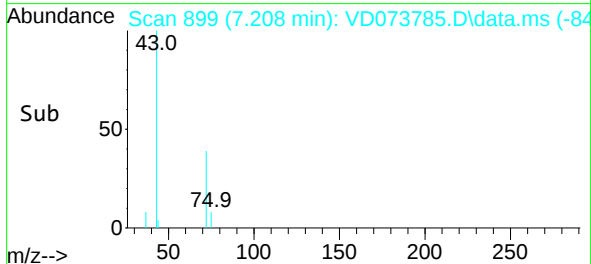
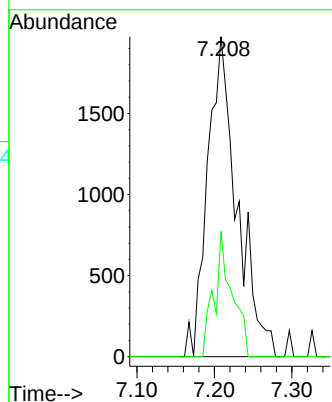
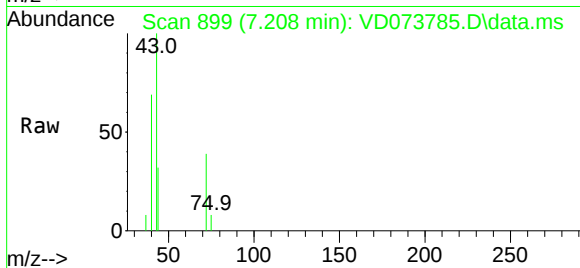
SB-10B

Tgt Ion: 43 Resp: 5228

Ion Ratio Lower Upper

43 100

72 39.2 22.6 33.8#



#29

Tetrahydrofuran

Concen: 2.699 ug/l

RT: 7.555 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD073785.D

Acq: 05 Jul 2022 20:35

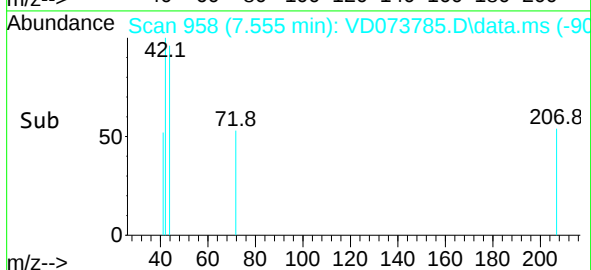
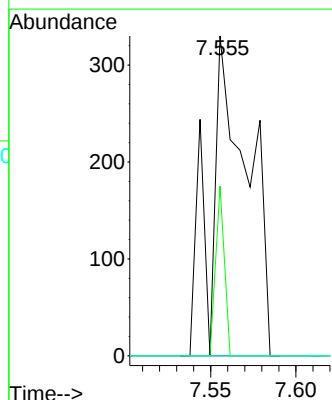
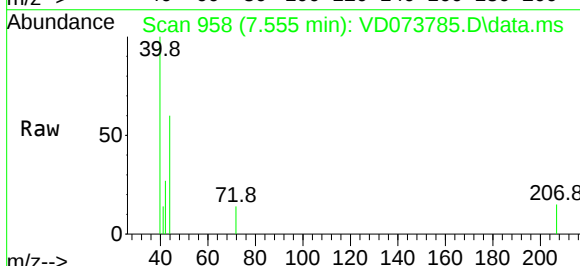
Tgt Ion: 42 Resp: 503

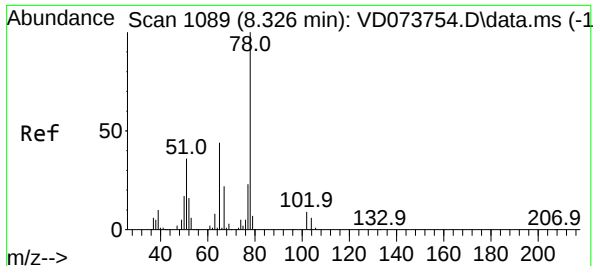
Ion Ratio Lower Upper

42 100

72 12.3 37.8 56.6#

71 0.0 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 66.246 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073785.D

Acq: 05 Jul 2022 20:35

Instrument :

MSVOA_D

ClientSampleId :

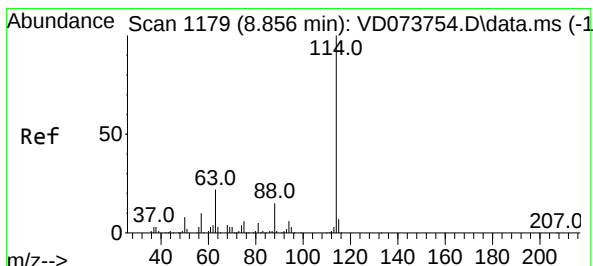
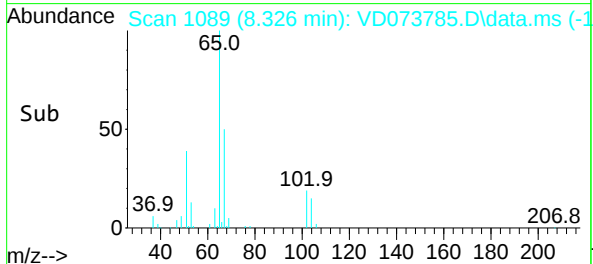
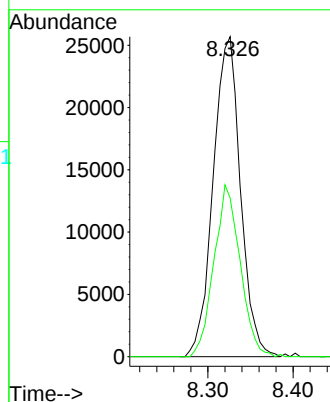
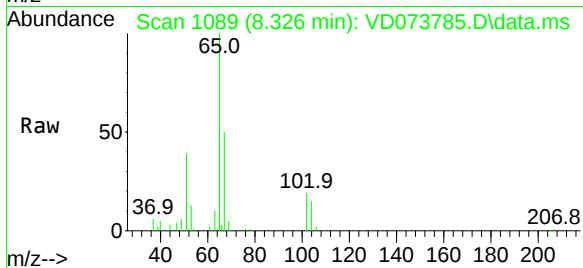
SB-10B

Tgt Ion: 65 Resp: 57156

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: VD073785.D

Acq: 05 Jul 2022 20:35

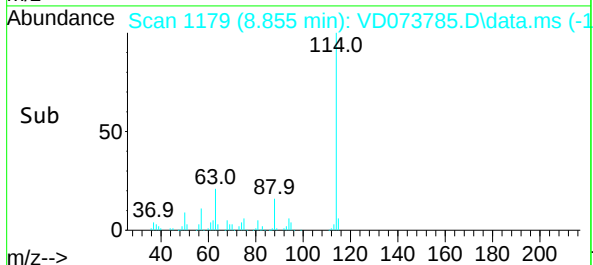
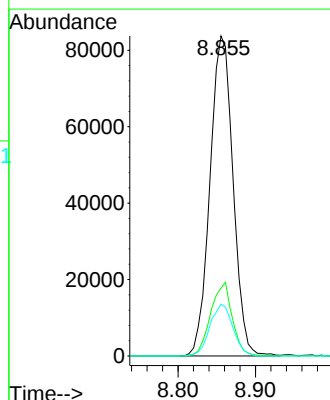
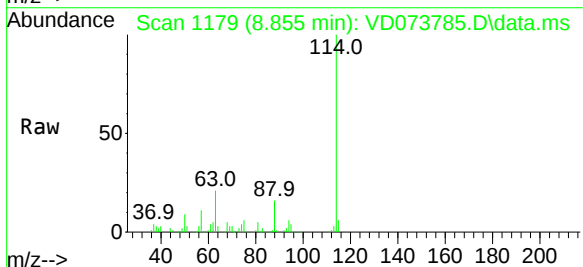
Tgt Ion: 114 Resp: 173692

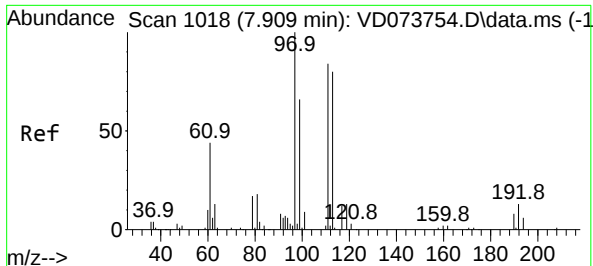
Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.2

88 16.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 56.246 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073785.D

Acq: 05 Jul 2022 20:35

Instrument :

MSVOA_D

ClientSampleId :

SB-10B

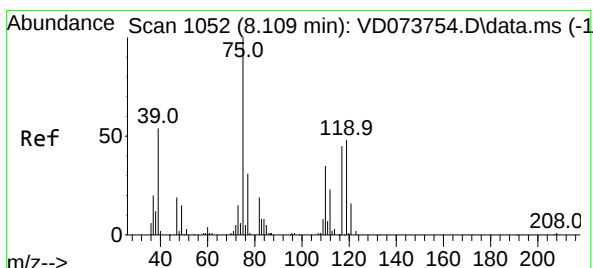
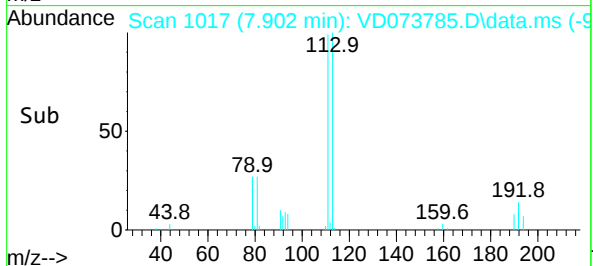
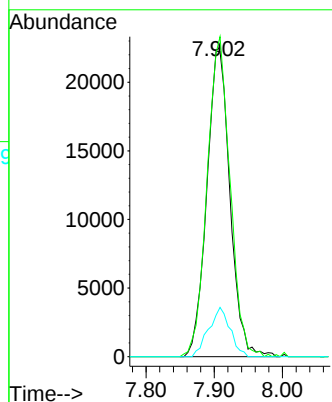
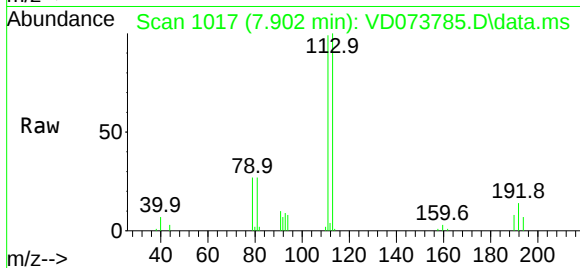
Tgt Ion:113 Resp: 53072

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 14.8 14.8 22.2#



#36

1,1-Dichloropropene

Concen: 6.860 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073785.D

Acq: 05 Jul 2022 20:35

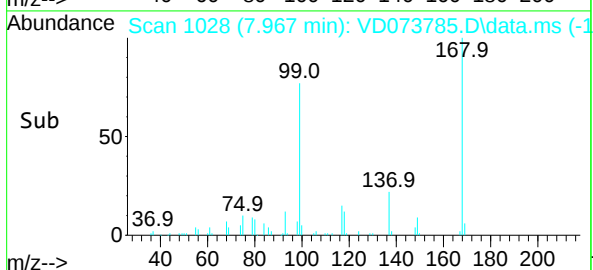
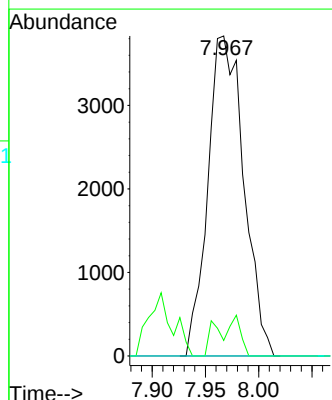
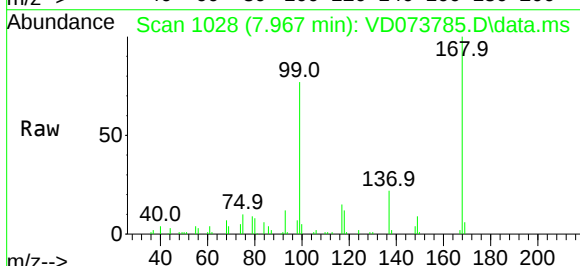
Tgt Ion: 75 Resp: 8987

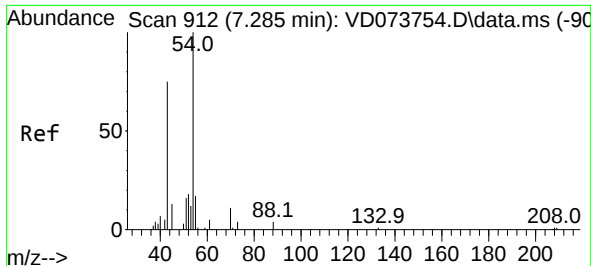
Ion Ratio Lower Upper

75 100

110 3.7 18.0 54.0#

77 0.0 25.6 38.4#





#37

Ethyl Acetate

Concen: 7.570 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.077 min

Lab File: VD073785.D

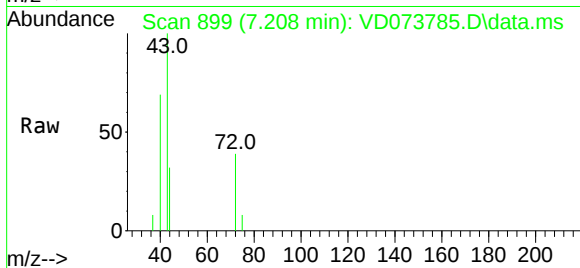
Acq: 05 Jul 2022 20:35

Instrument :

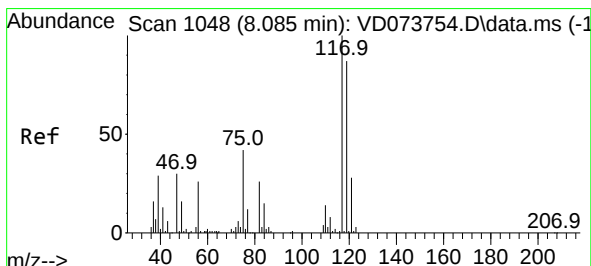
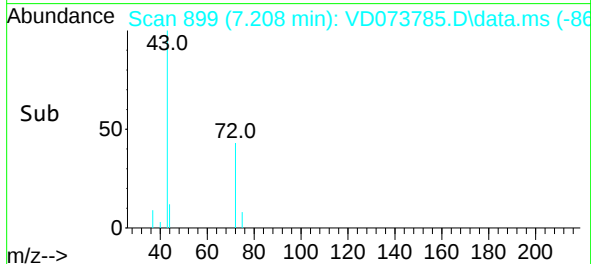
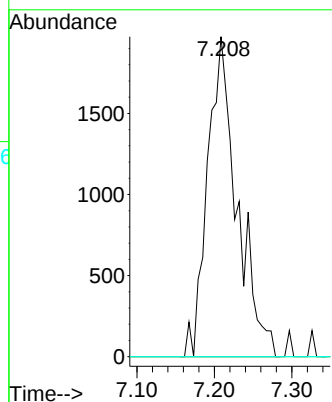
MSVOA_D

ClientSampleId :

SB-10B



Tgt Ion:	43	Resp:	5228
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	9.9	14.9#



#38

Carbon Tetrachloride

Concen: 8.195 ug/l

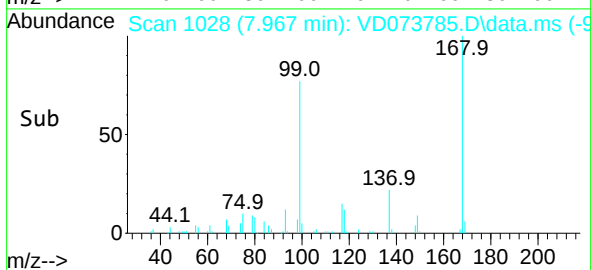
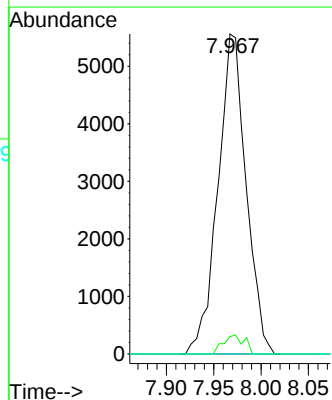
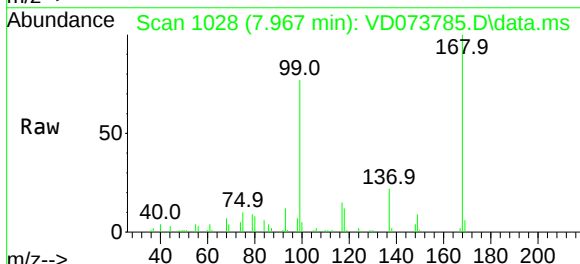
RT: 7.967 min Scan# 1028

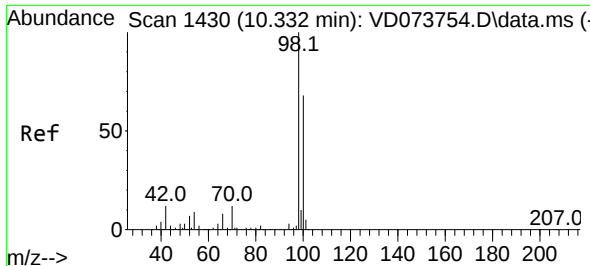
Delta R.T. -0.118 min

Lab File: VD073785.D

Acq: 05 Jul 2022 20:35

Tgt Ion:	117	Resp:	11527
Ion	Ratio	Lower	Upper
117	100		
119	5.4	79.2	118.8#
121	0.0	23.8	35.8#

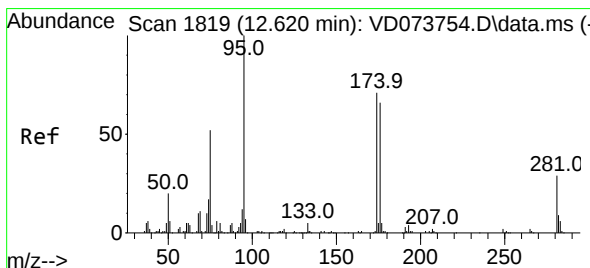
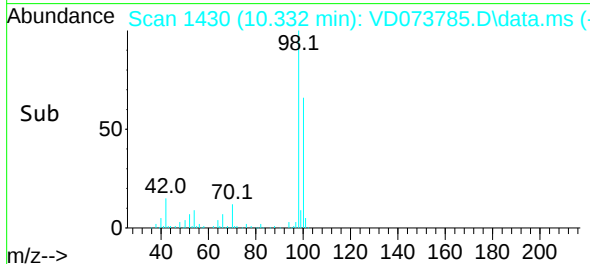
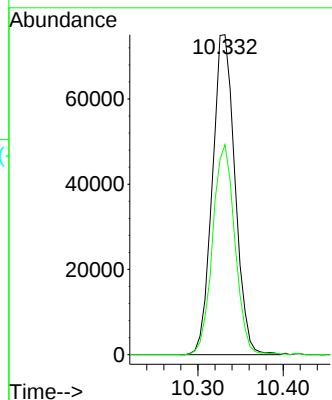
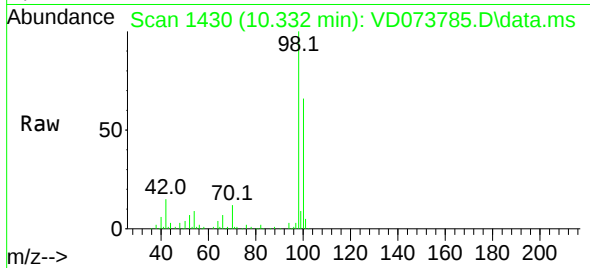




#50
Toluene-d8
Concen: 40.010 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

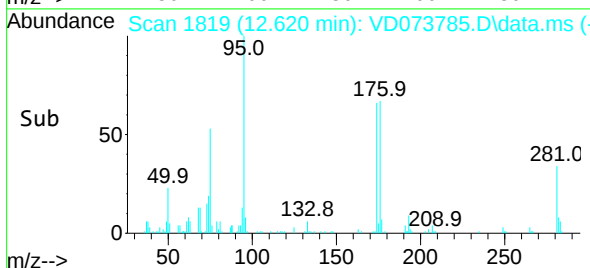
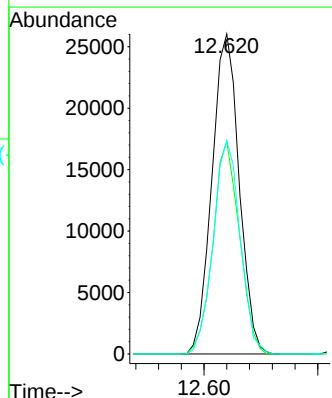
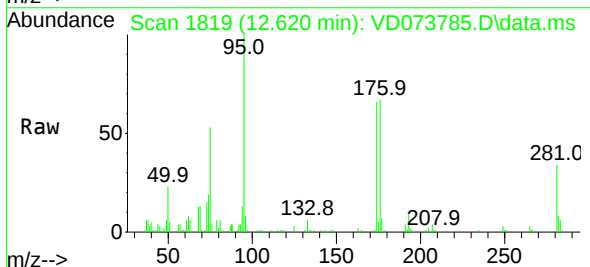
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

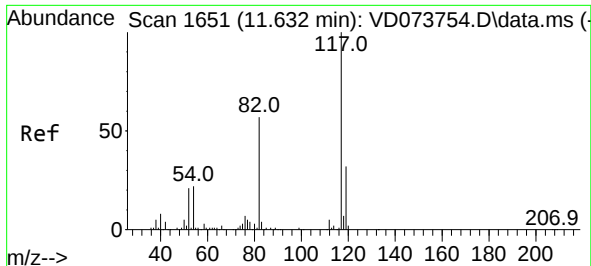
Tgt Ion: 98 Resp: 138483
Ion Ratio Lower Upper
98 100
100 64.7 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 31.697 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

Tgt Ion: 95 Resp: 43271
Ion Ratio Lower Upper
95 100
174 64.6 0.0 158.4
176 65.8 0.0 154.8

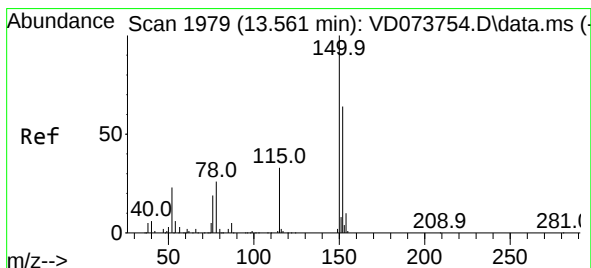
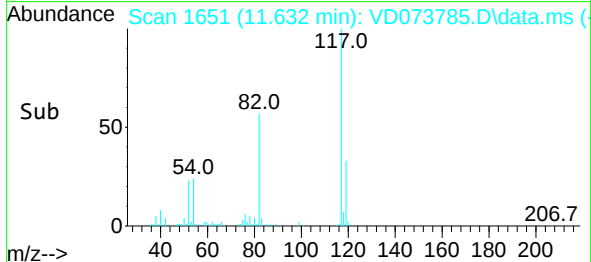
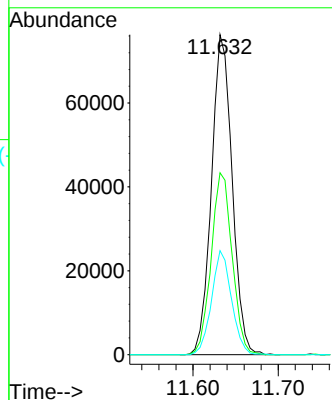
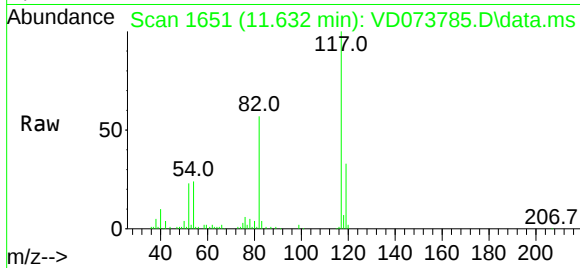




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

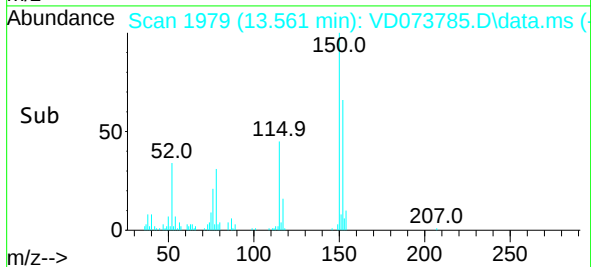
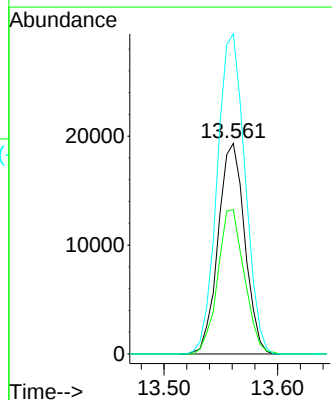
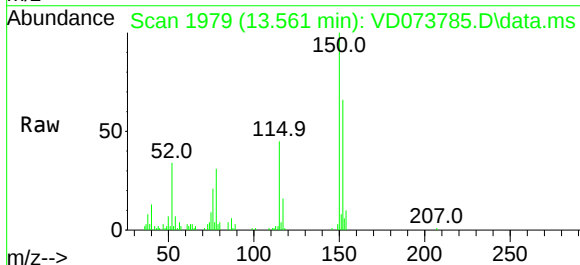
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

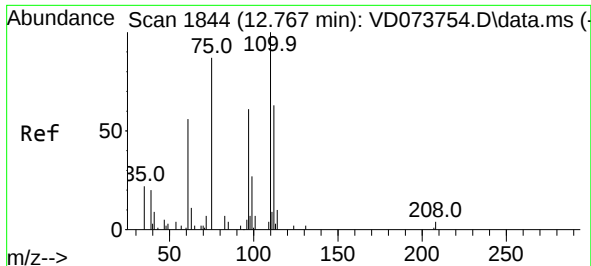
Tgt Ion:117 Resp: 128586
Ion Ratio Lower Upper
117 100
82 56.9 41.5 62.3
119 32.5 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

Tgt Ion:152 Resp: 31406
Ion Ratio Lower Upper
152 100
115 68.8 30.6 91.6
150 159.7 0.0 355.0

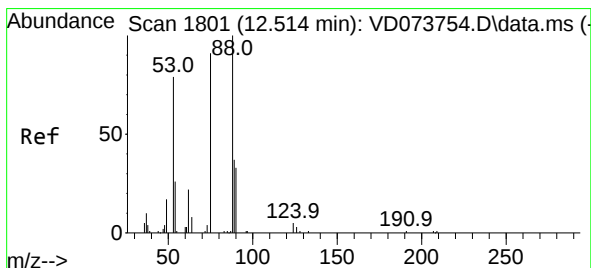
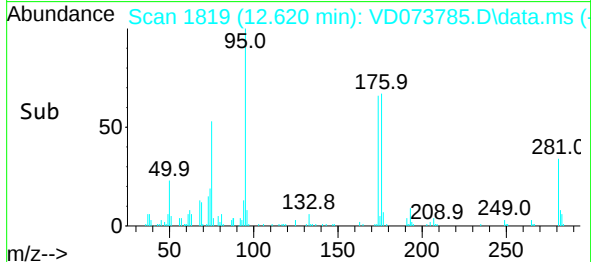
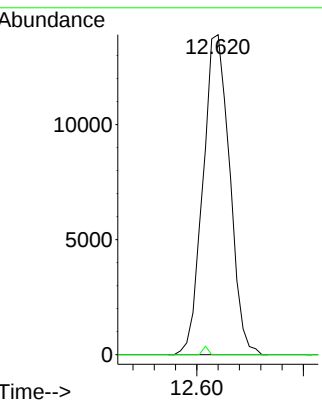
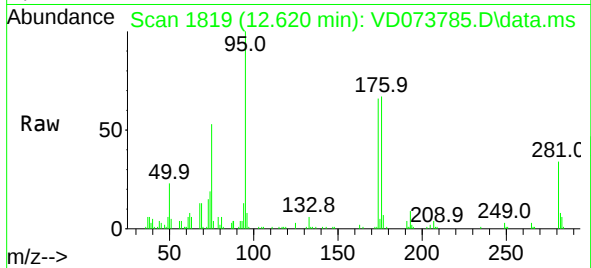




#76
1,2,3-Trichloropropane
Concen: 80.397 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

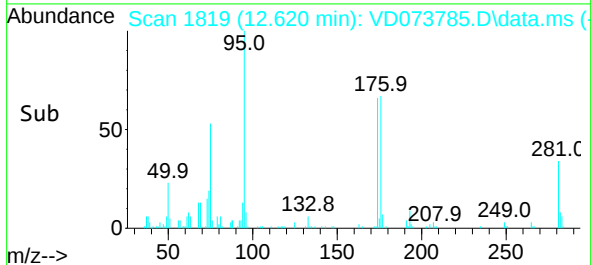
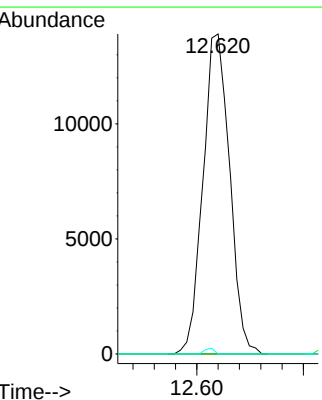
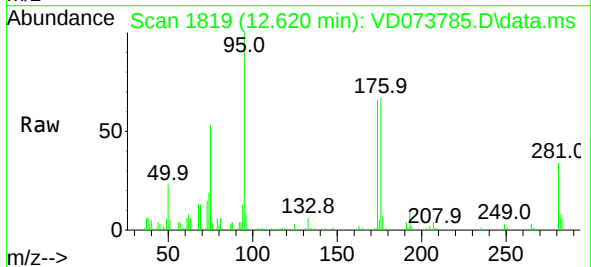
Instrument :
MSVOA_D
ClientSampleId :
SB-10B

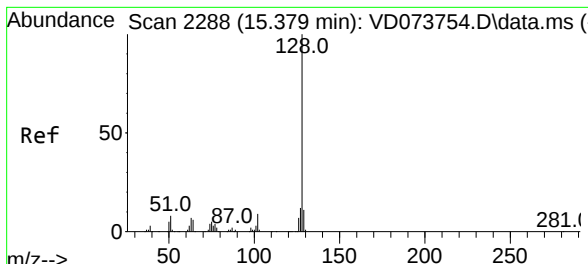
Tgt Ion: 75 Resp: 24130
Ion Ratio Lower Upper
75 100
77 0.5 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 155.096 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073785.D
Acq: 05 Jul 2022 20:35

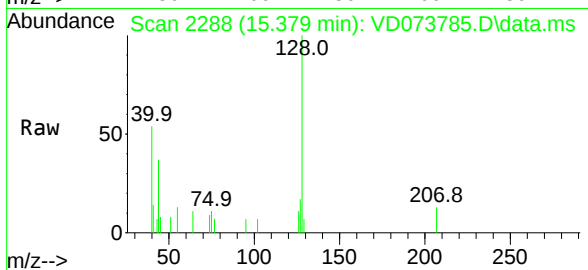
Tgt Ion: 75 Resp: 24130
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.6 37.8 56.8#





#95
 Naphthalene
 Concen: 3.134 ug/l
 RT: 15.379 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073785.D
 Acq: 05 Jul 2022 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10B



Tgt Ion:	128	Resp:	3724
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	5.9	8.9	13.3#

