

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
 Data File : VD073695.D
 Acq On : 24 Jun 2022 18:54
 Operator : VA/SY
 Sample : N3502-01
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-46-UC

Quant Time: Jun 25 07:23:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

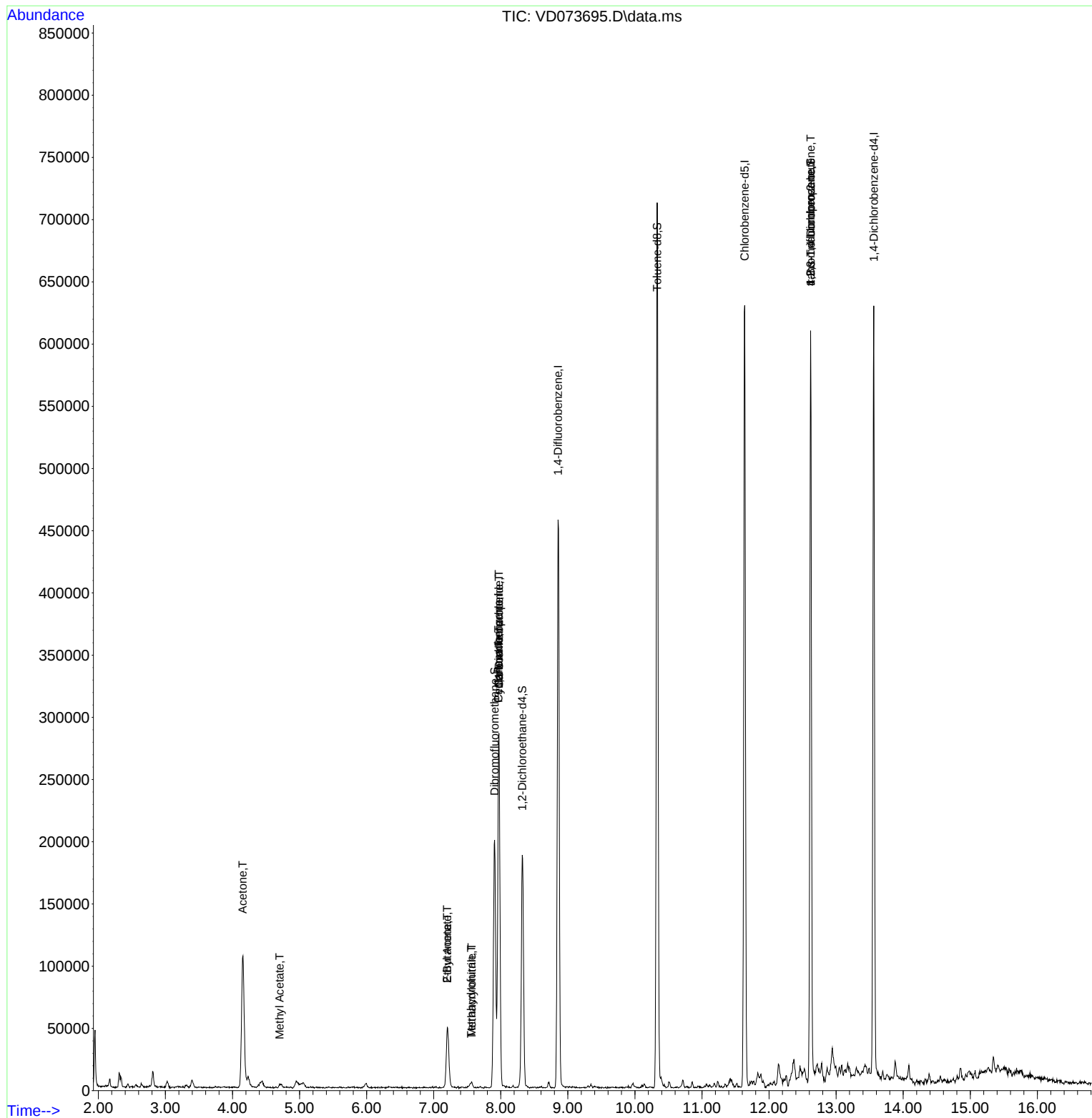
Internal Standards						
1) Pentafluorobenzene	7.967	168	213391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	404016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	383933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	169306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	152442	58.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.320%
35) Dibromofluoromethane	7.908	113	147280	46.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.332	98	494599	43.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.540%
62) 4-Bromofluorobenzene	12.620	95	174978	41.284	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	175	Below Cal	#	44
3) Chloromethane	2.203	50	354	Below Cal	#	83
5) Bromomethane	2.767	94	616	Below Cal		88
11) Tert butyl alcohol	5.191	59	195	Below Cal	#	100
16) Acetone	4.150	43	187615	450.936	ug/l	98
18) Methyl Acetate	4.703	43	3828	1.248	ug/l	98
20) Methylene Chloride	4.950	84	3613	Below Cal	#	80
25) 2-Butanone	7.203	43	79392	120.202	ug/l	94
29) Tetrahydrofuran	7.561	42	2452	6.107	ug/l	91
31) Cyclohexane	7.967	56	5004	1.273	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	17277	3.910	ug/l #	51
37) Ethyl Acetate	7.203	43	79392	45.785	ug/l #	68
38) Carbon Tetrachloride	7.973	117	23325	4.534	ug/l #	18
41) Methacrylonitrile	7.567	41	2113	2.019	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	88401	53.654	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	88401	109.539	ug/l #	11

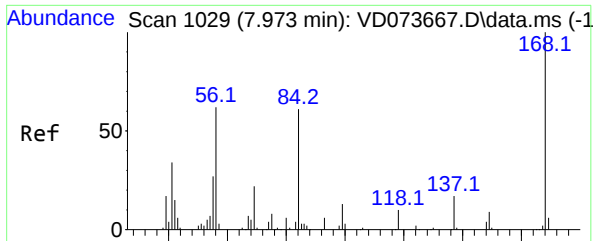
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073695.D
Acq On : 24 Jun 2022 18:54
Operator : VA/SY
Sample : N3502-01
Misc : 5.82G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

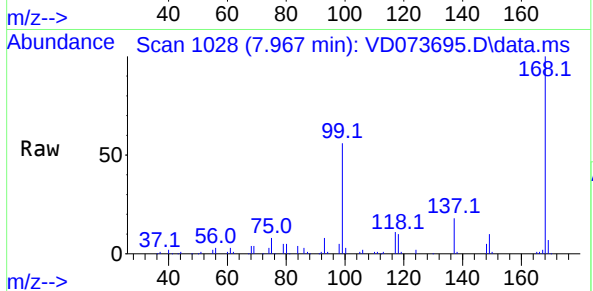
Quant Time: Jun 25 07:23:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 07:36:47 2022
Response via : Initial Calibration



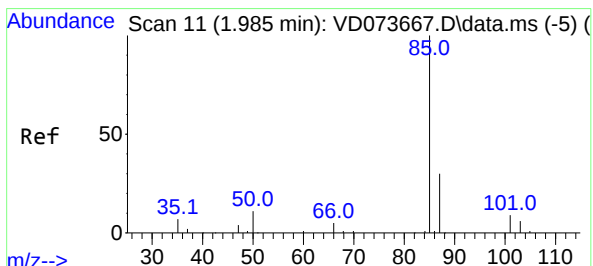
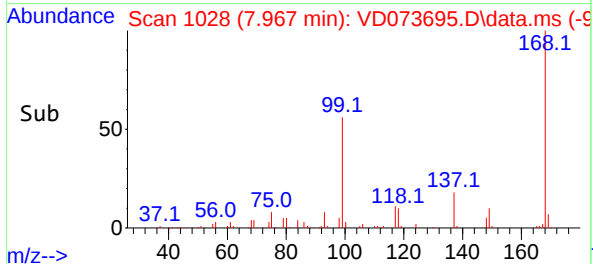
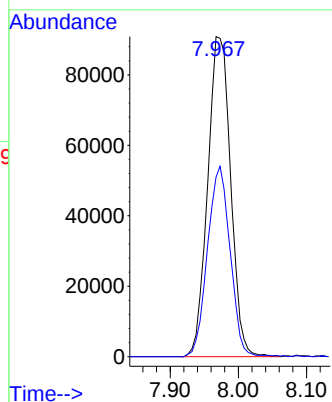


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

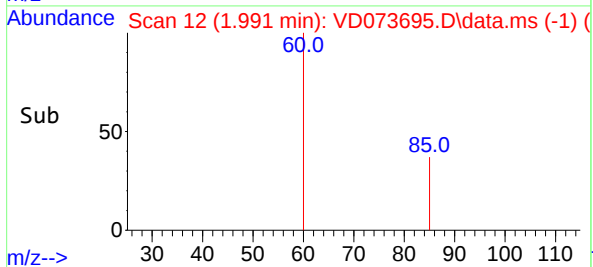
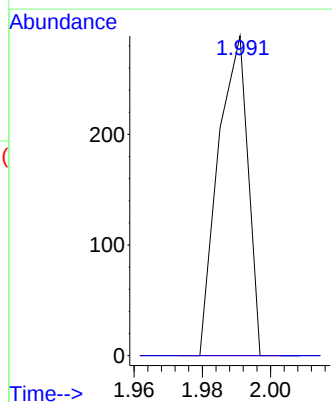
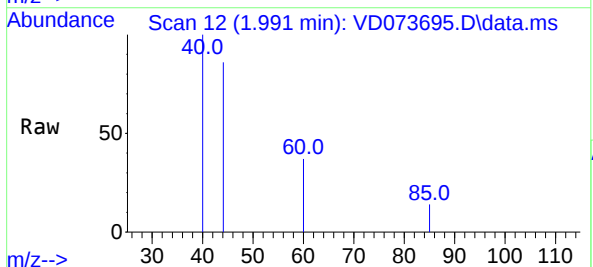


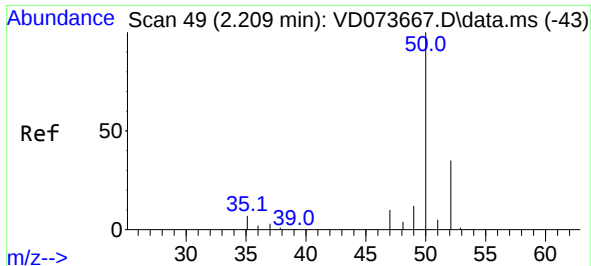
Tgt Ion:168 Resp: 213391
Ion Ratio Lower Upper
168 100
99 56.1 46.4 69.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 85 Resp: 175
Ion Ratio Lower Upper
85 100
87 0.0 15.2 45.5#

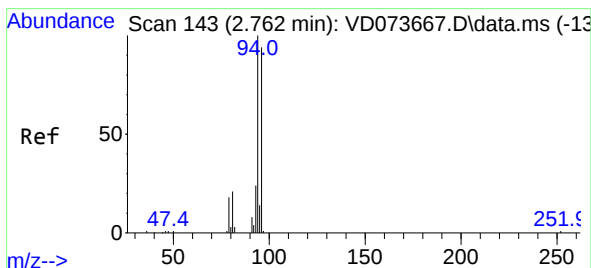
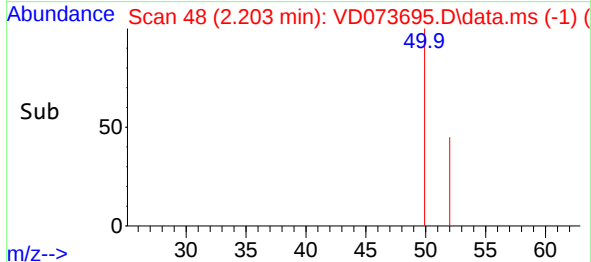
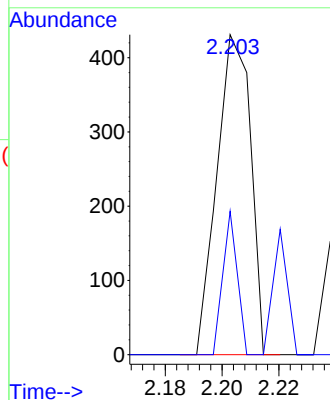
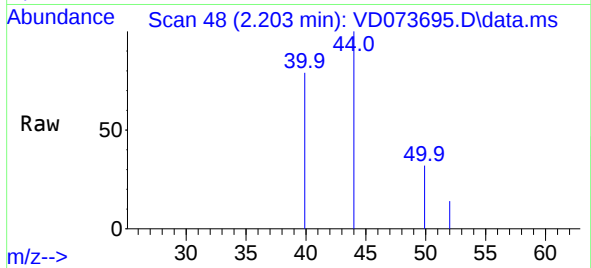




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

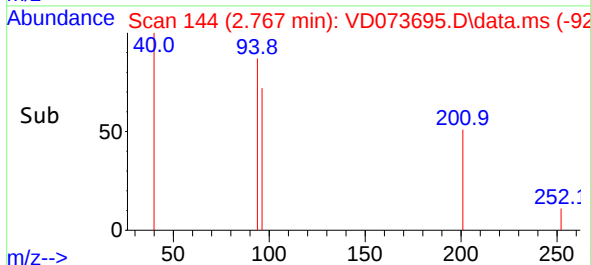
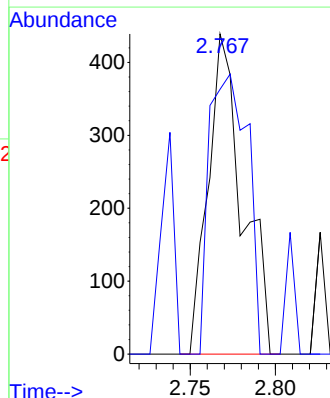
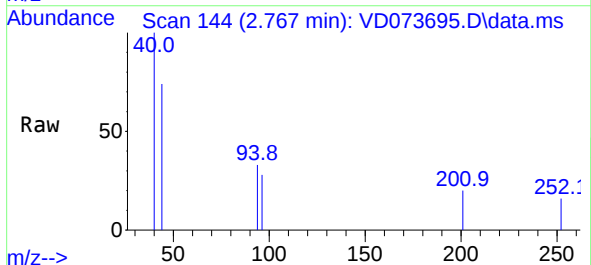
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

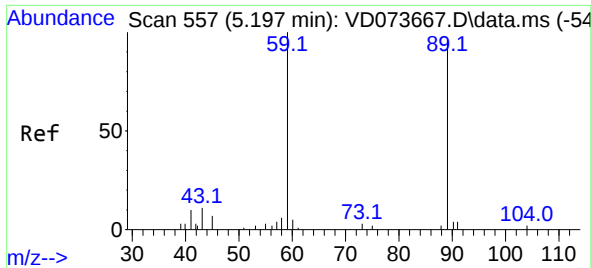
Tgt Ion: 50 Resp: 354
Ion Ratio Lower Upper
50 100
52 44.8 27.8 41.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 82.7 75.1 112.7

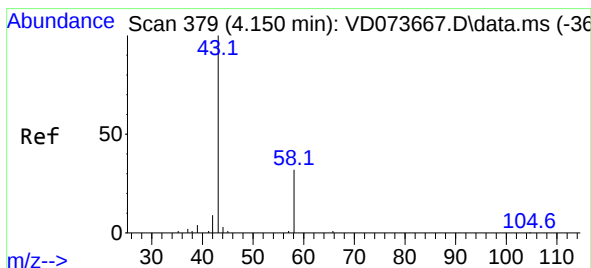
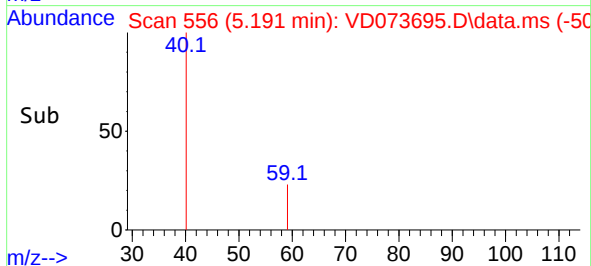
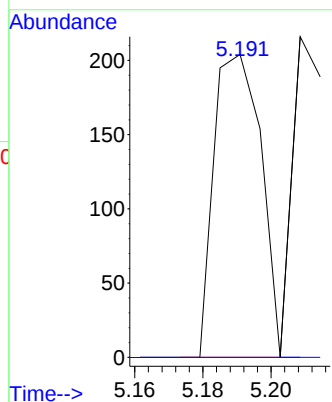
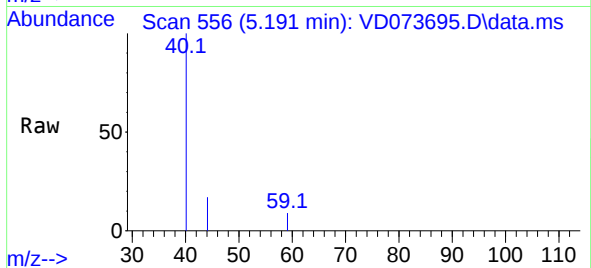




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

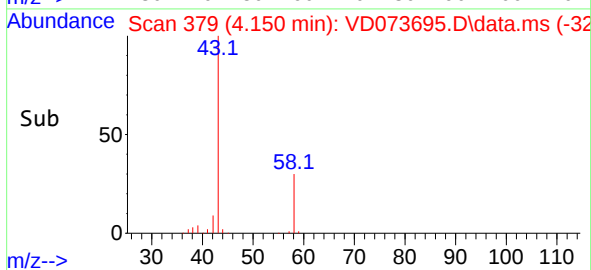
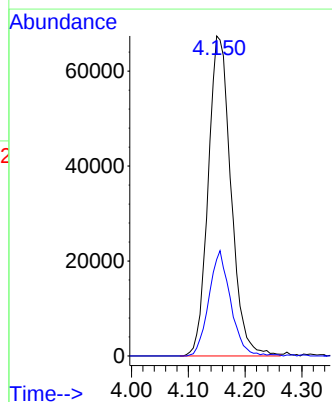
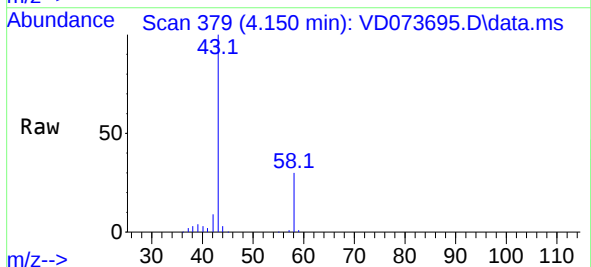
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

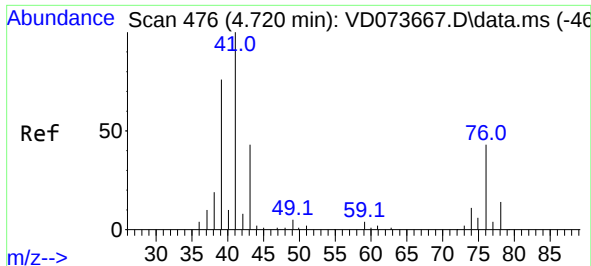
Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 450.936 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 43 Resp: 187615
Ion Ratio Lower Upper
43 100
58 30.2 25.2 37.8

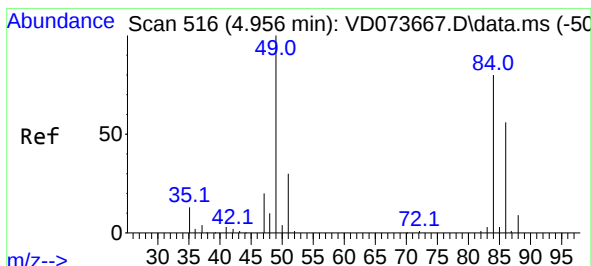
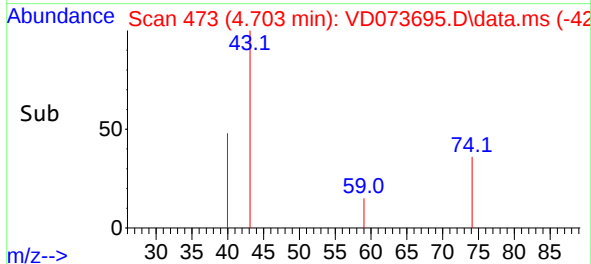
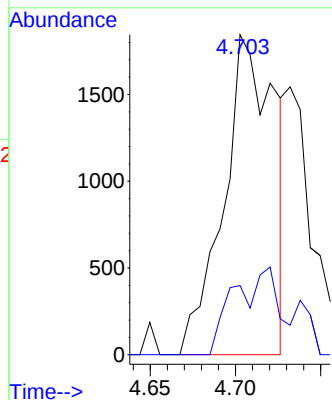
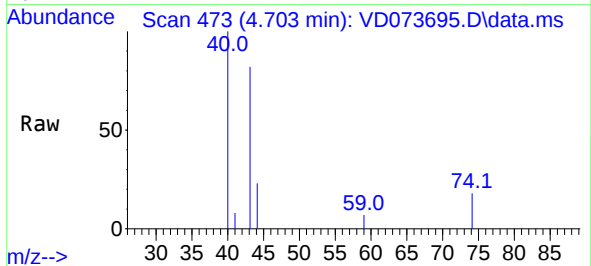




#18
Methyl Acetate
Concen: 1.248 ug/l
RT: 4.703 min Scan# 41
Delta R.T. -0.017 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

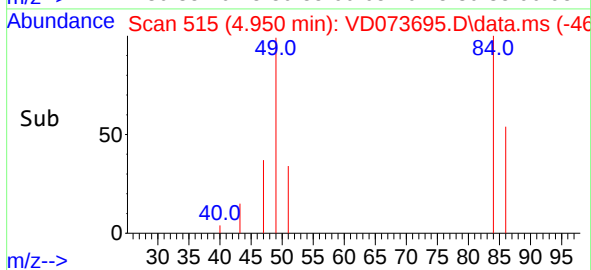
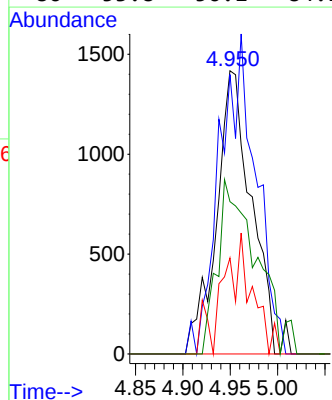
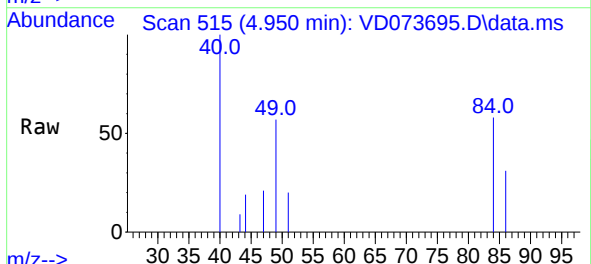
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

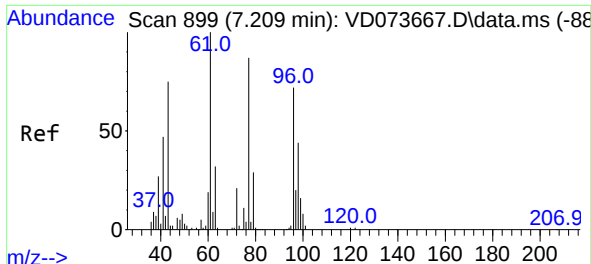
Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 84 Resp: 3613
Ion Ratio Lower Upper
84 100
49 98.7 100.6 150.8#
51 33.9 29.8 44.6
86 53.8 56.1 84.1#





#25

2-Butanone

Concen: 120.202 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD073695.D

Acq: 24 Jun 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

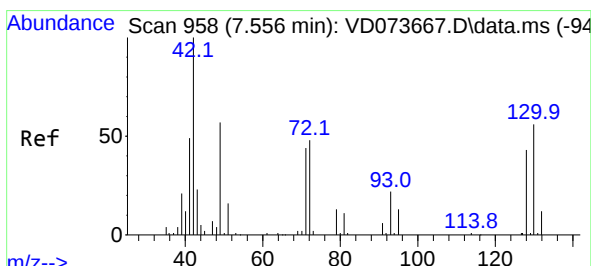
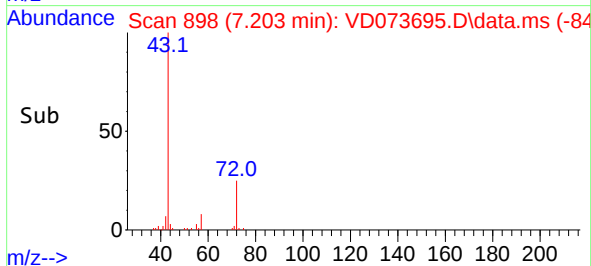
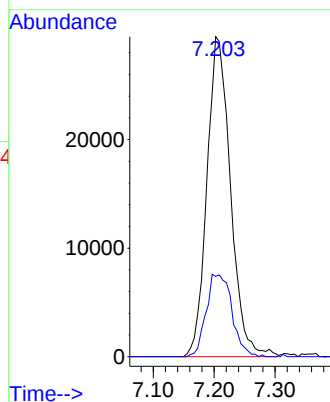
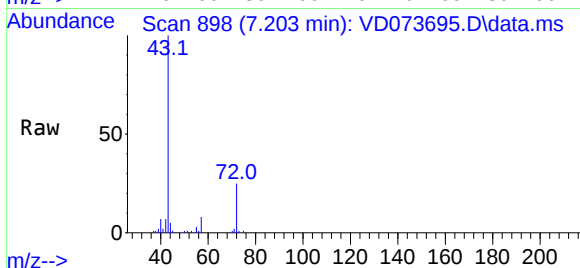
D-46-UC

Tgt Ion: 43 Resp: 79392

Ion Ratio Lower Upper

43 100

72 25.1 22.6 33.8



#29

Tetrahydrofuran

Concen: 6.107 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.006 min

Lab File: VD073695.D

Acq: 24 Jun 2022 18:54

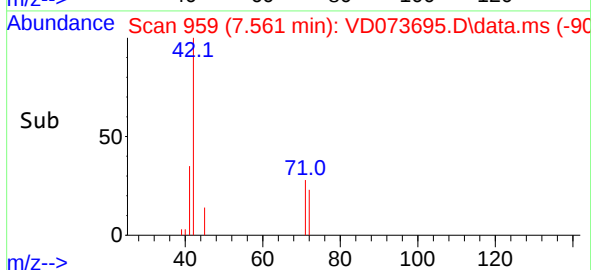
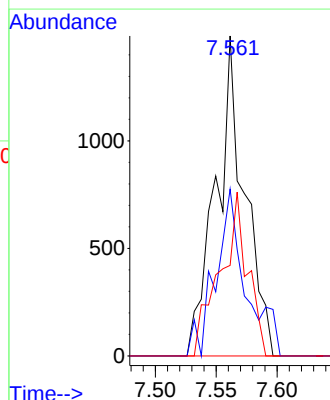
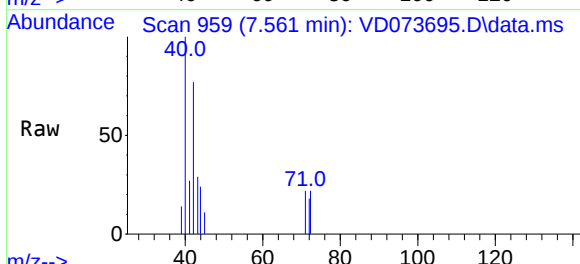
Tgt Ion: 42 Resp: 2452

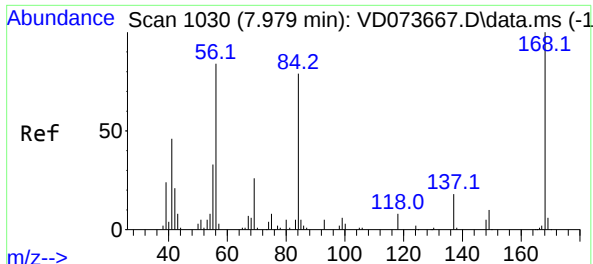
Ion Ratio Lower Upper

42 100

72 54.5 37.8 56.6

71 48.7 35.5 53.3

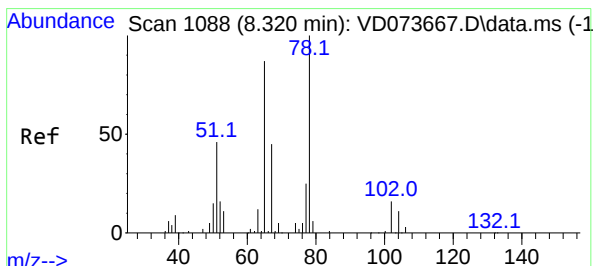
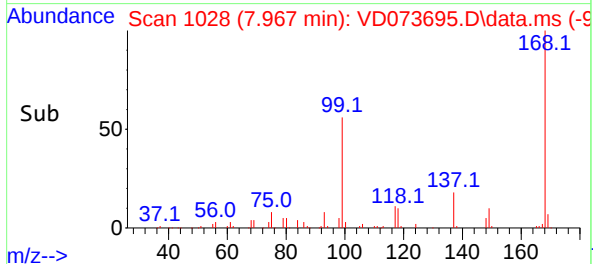
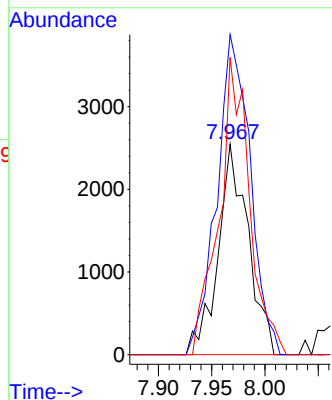
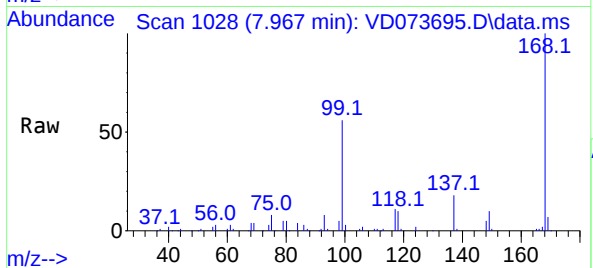




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.967 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

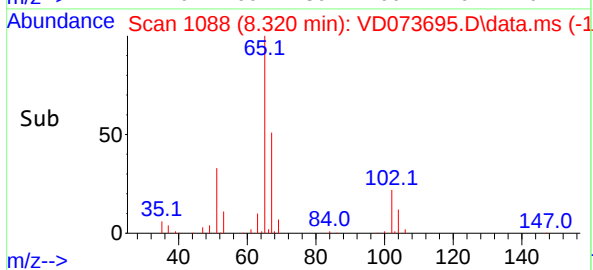
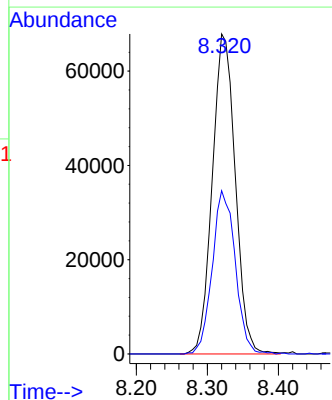
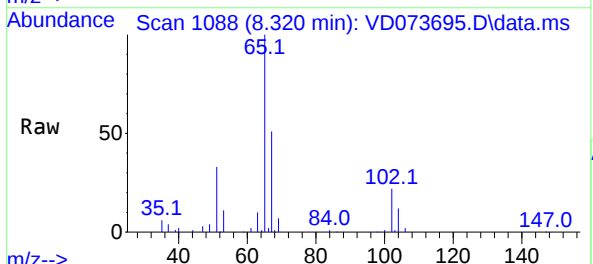
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

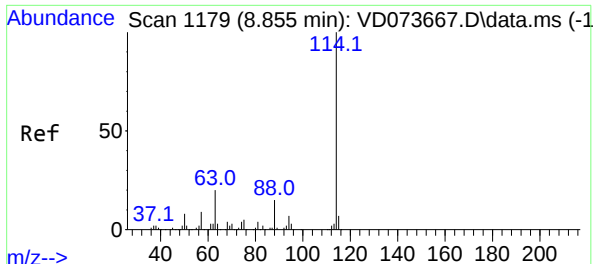
Tgt Ion: 56 Resp: 5004
Ion Ratio Lower Upper
56 100
69 152.0 25.2 37.8#
84 141.3 75.4 113.2#



#33
1,2-Dichloroethane-d4
Concen: 58.164 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 65 Resp: 152442
Ion Ratio Lower Upper
65 100
67 51.1 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: VD073695.D

Acq: 24 Jun 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

D-46-UC

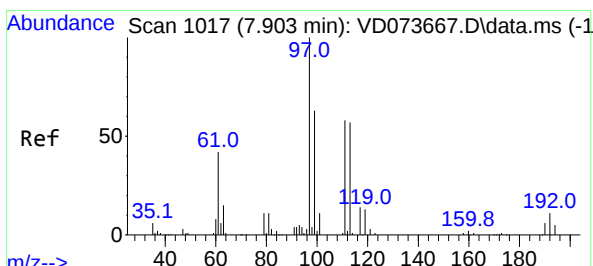
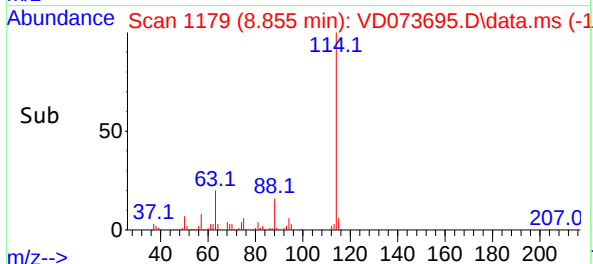
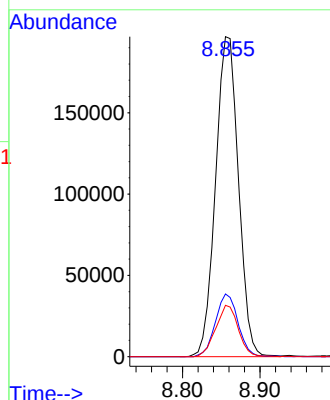
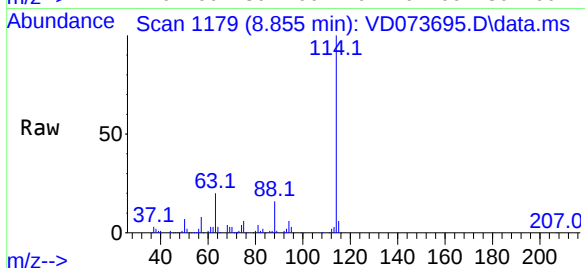
Tgt Ion:114 Resp: 404016

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.796 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073695.D

Acq: 24 Jun 2022 18:54

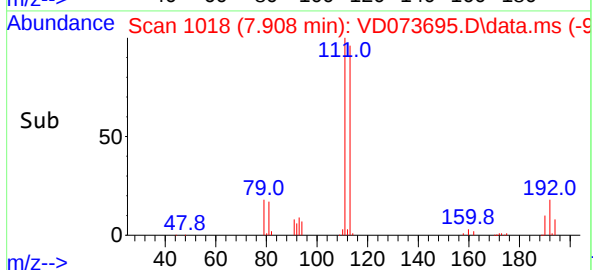
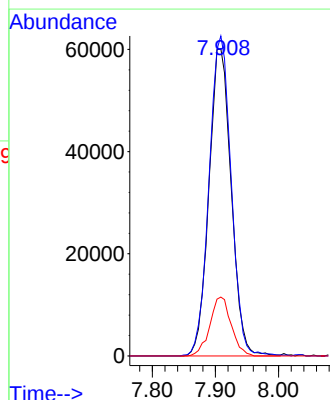
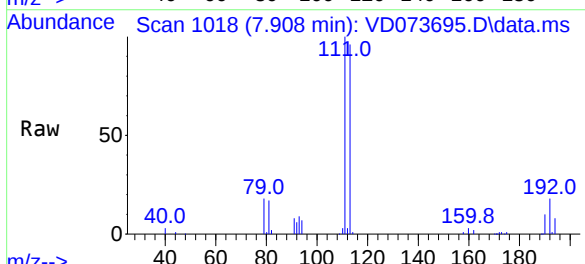
Tgt Ion:113 Resp: 147280

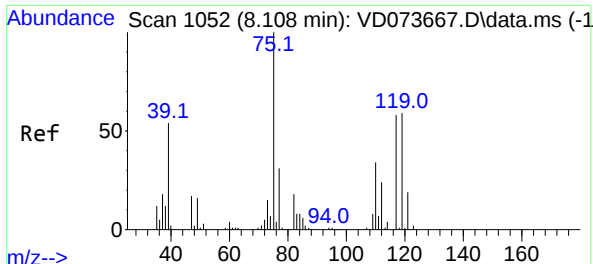
Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 18.3 14.8 22.2

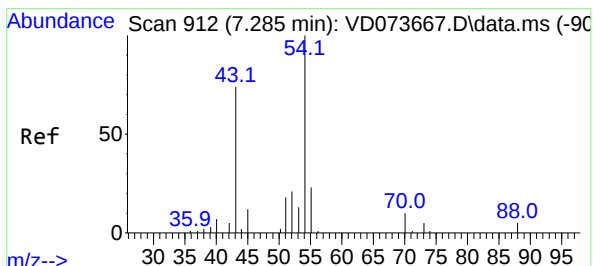
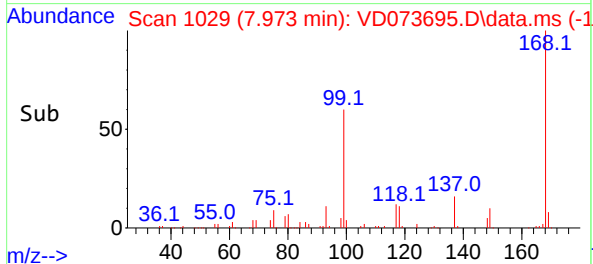
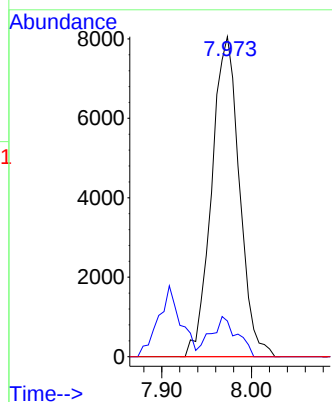
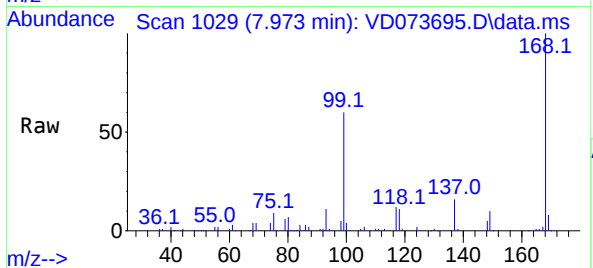




#36
1,1-Dichloropropene
Concen: 3.910 ug/l
RT: 7.973 min Scan# 1052
Delta R.T. -0.135 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

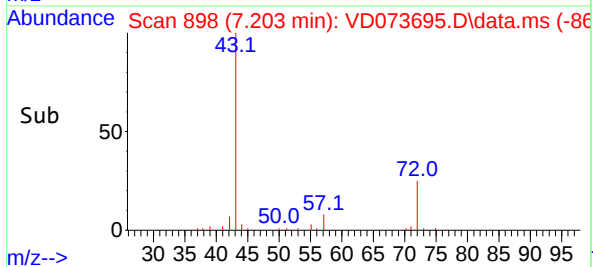
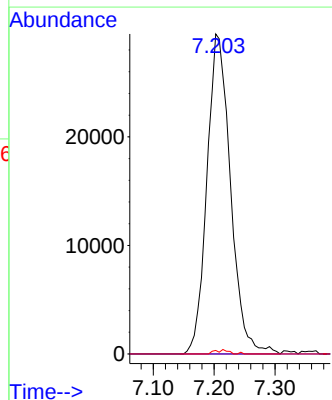
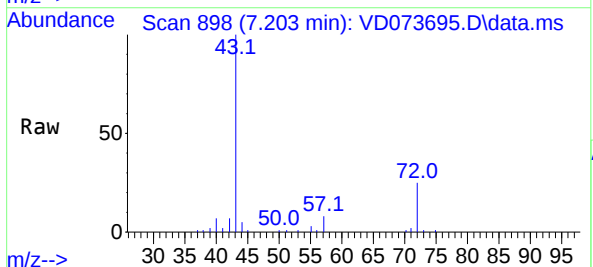
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

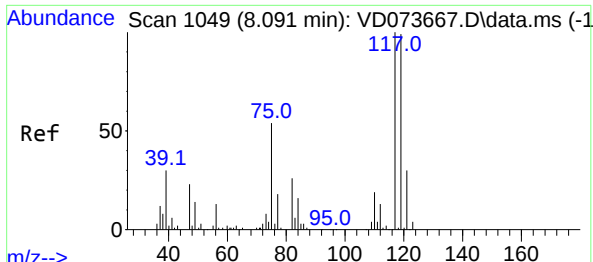
Tgt Ion: 75 Resp: 17277
Ion Ratio Lower Upper
75 100
110 11.9 18.0 54.0#
77 0.0 25.6 38.4#



#37
Ethyl Acetate
Concen: 45.785 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.082 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

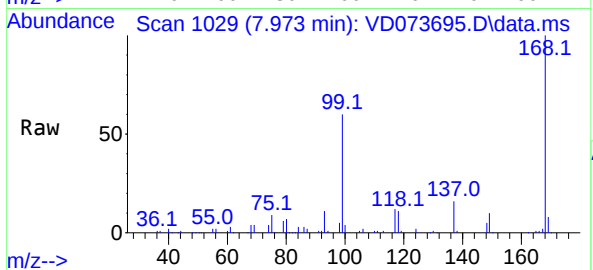
Tgt Ion: 43 Resp: 79392
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.3 9.9 14.9#



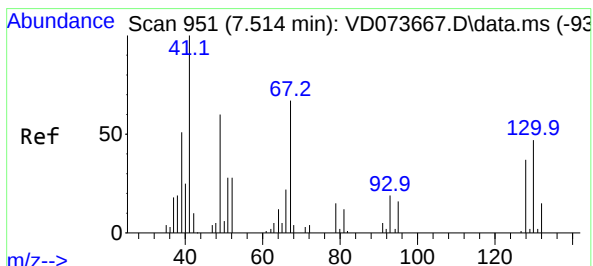
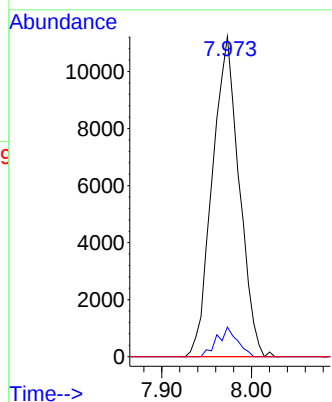
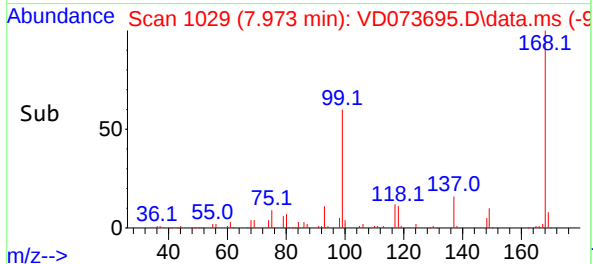


#38
Carbon Tetrachloride
Concen: 4.534 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

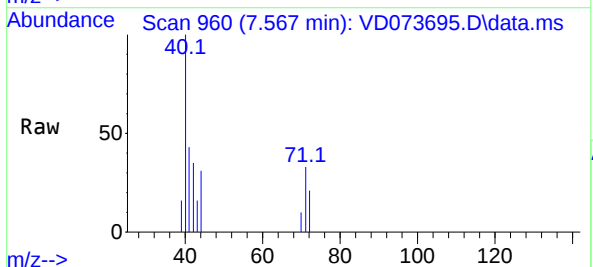
Instrument : MSVOA_D
ClientSampleId : D-46-UC



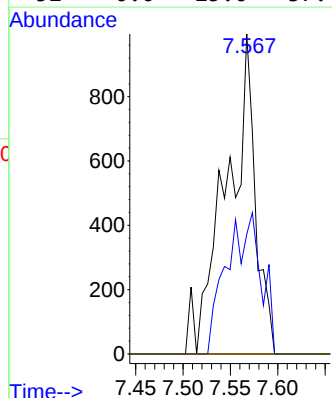
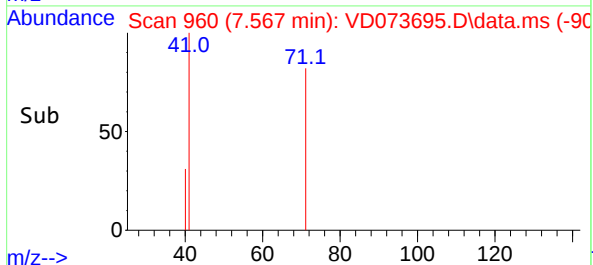
Tgt Ion:117 Resp: 23325
Ion Ratio Lower Upper
117 100
119 9.3 79.2 118.8#
121 0.0 23.8 35.8#

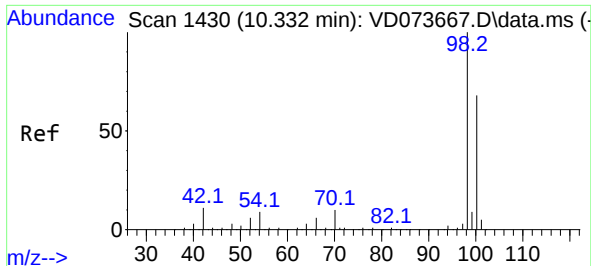


#41
Methacrylonitrile
Concen: 2.019 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.053 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54



Tgt Ion: 41 Resp: 2113
Ion Ratio Lower Upper
41 100
39 52.4 42.1 63.1
67 0.0 58.6 87.8#
52 0.0 25.0 37.4#

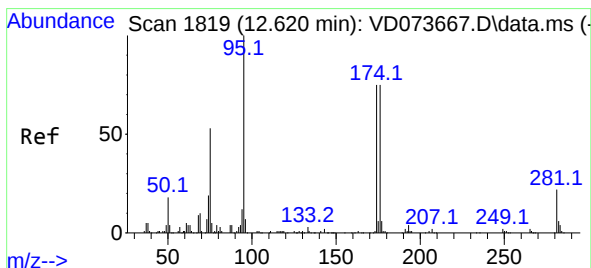
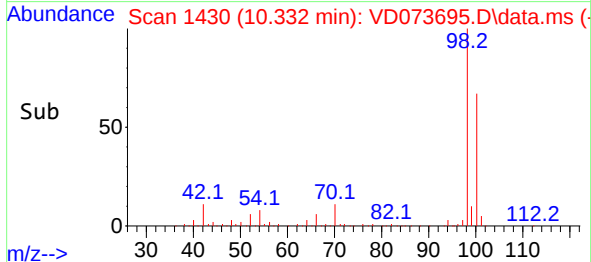
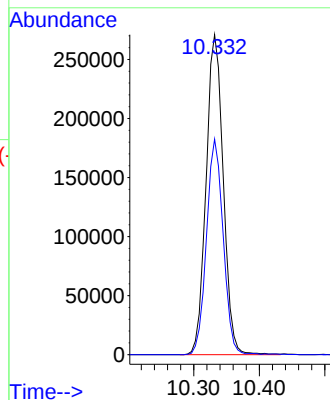
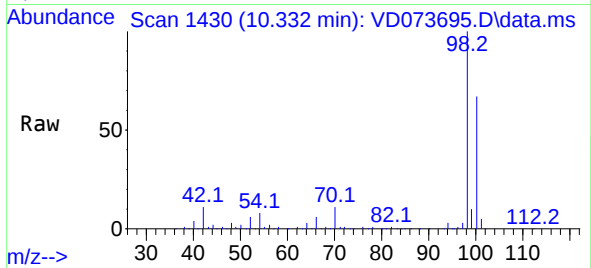




#50
Toluene-d8
Concen: 43.768 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

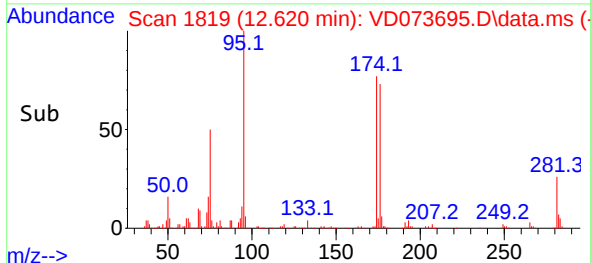
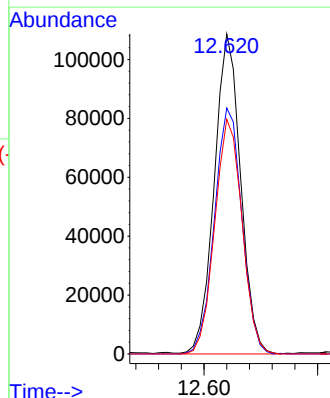
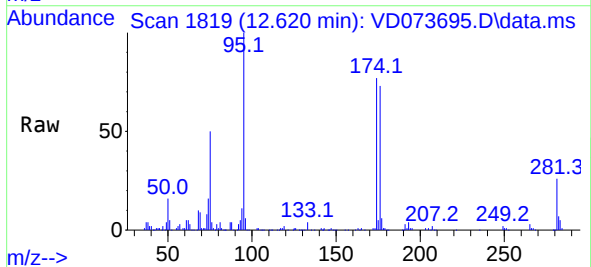
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

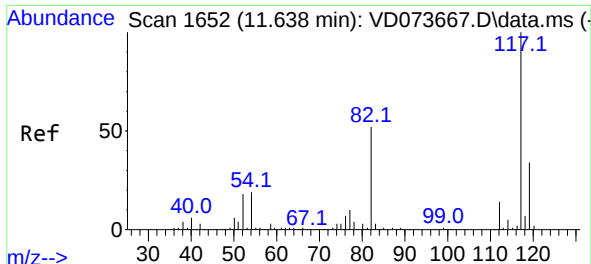
Tgt Ion: 98 Resp: 494599
Ion Ratio Lower Upper
98 100
100 65.4 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 41.284 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 95 Resp: 174978
Ion Ratio Lower Upper
95 100
174 80.1 0.0 158.4
176 76.0 0.0 154.8

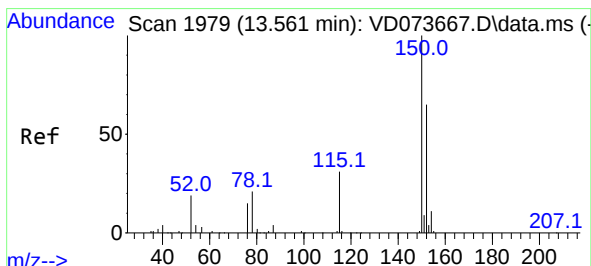
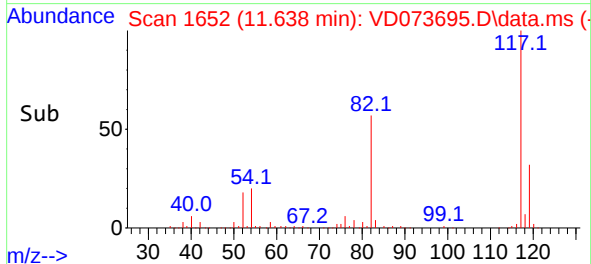
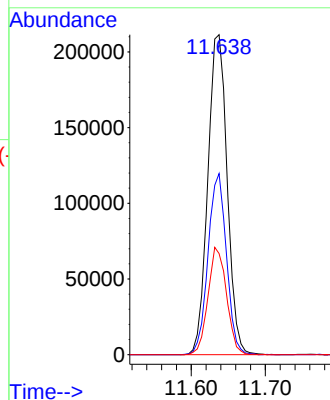
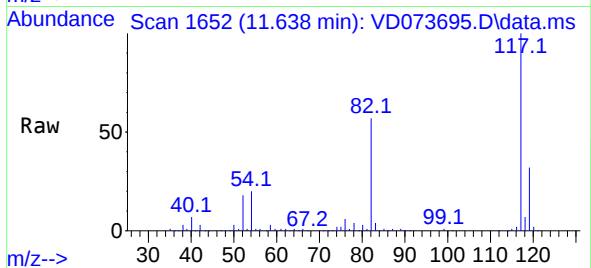




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

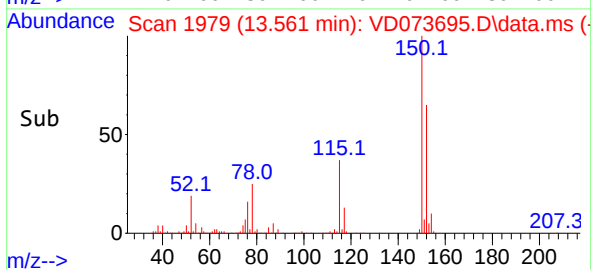
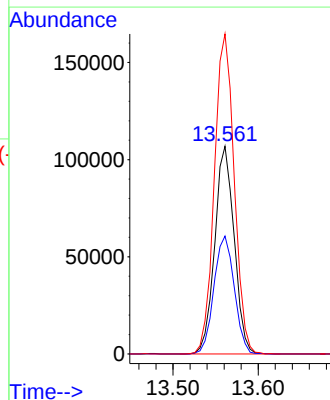
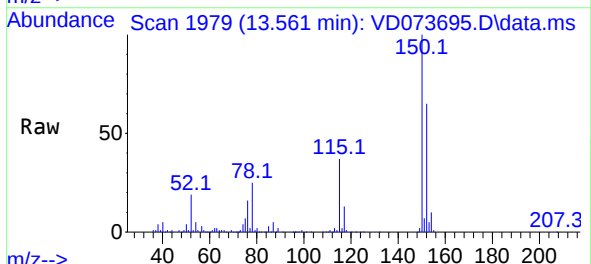
Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

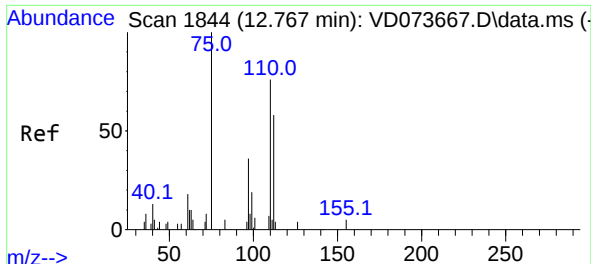
Tgt Ion:117 Resp: 383933
Ion Ratio Lower Upper
117 100
82 56.6 41.5 62.3
119 31.6 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion:152 Resp: 169306
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.6
150 157.4 0.0 355.0

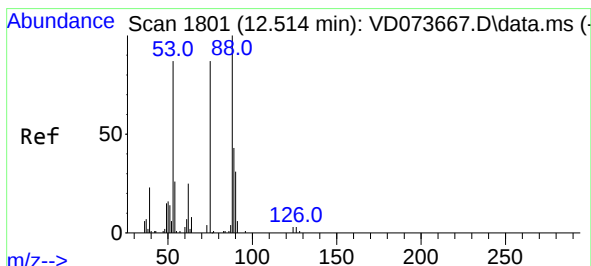
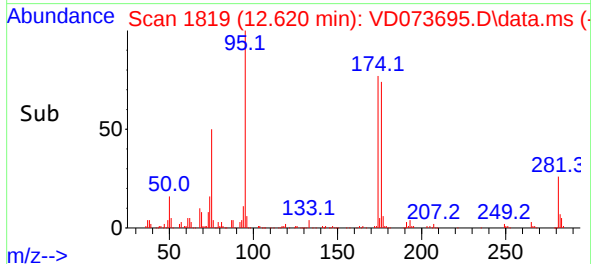
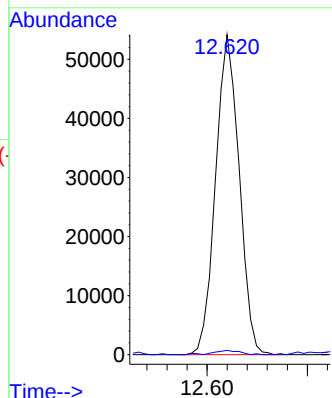
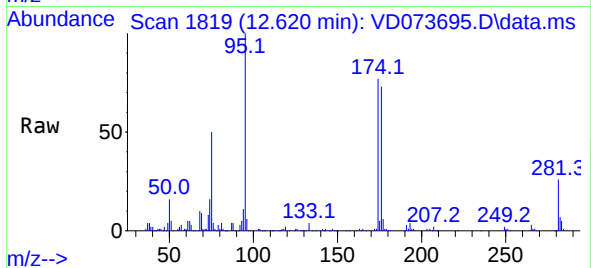




#76
1,2,3-Trichloropropane
Concen: 53.654 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Instrument :
MSVOA_D
ClientSampleId :
D-46-UC

Tgt Ion: 75 Resp: 88401
Ion Ratio Lower Upper
75 100
77 1.4 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.539 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073695.D
Acq: 24 Jun 2022 18:54

Tgt Ion: 75 Resp: 88401
Ion Ratio Lower Upper
75 100
53 0.3 77.0 115.6#
89 0.0 37.8 56.8#

