

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075681.D
 Acq On : 14 Apr 2023 15:58
 Operator : KP/SY
 Sample : 02308-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 17 01:34:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

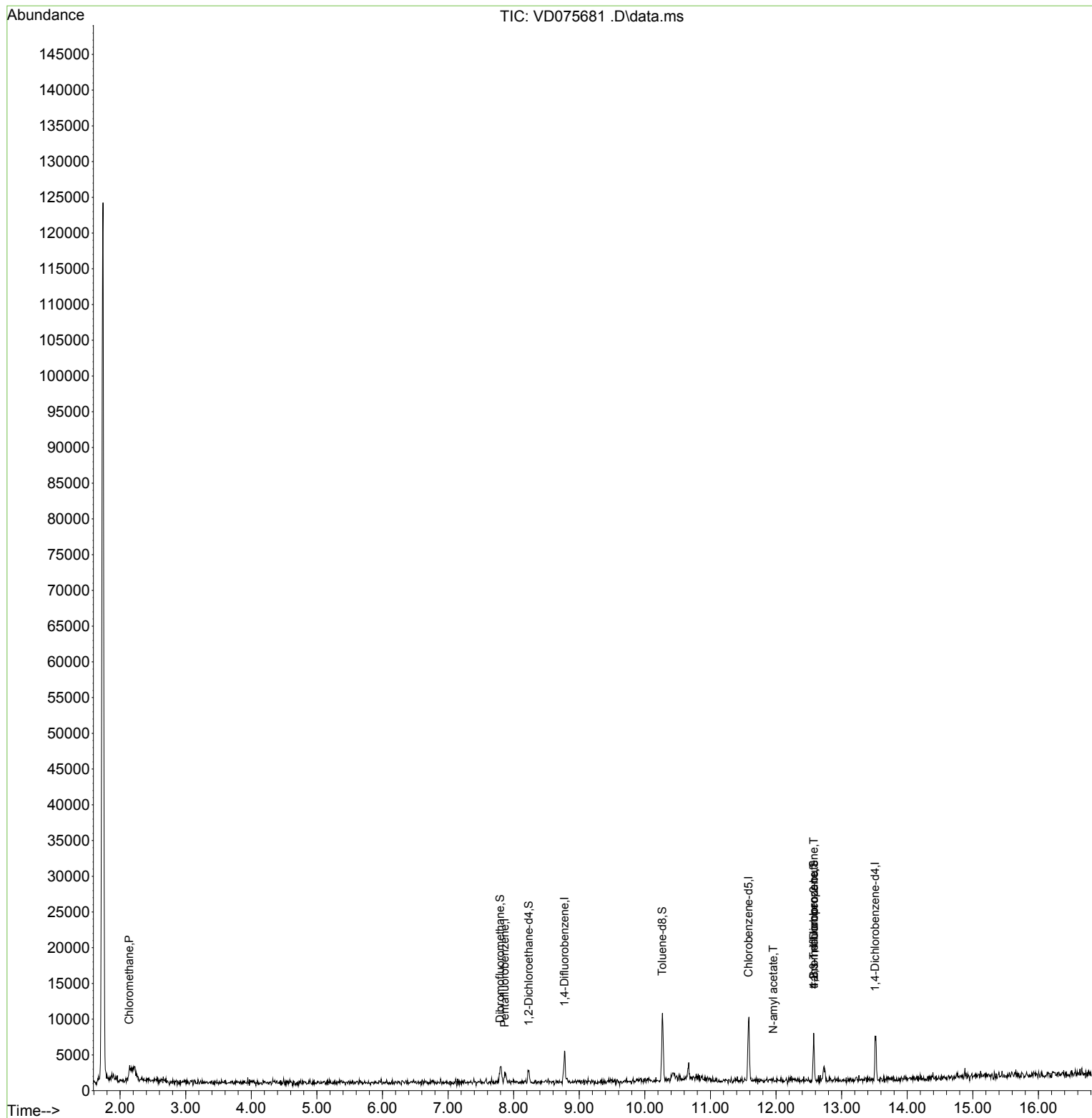
Internal Standards						
1) Pentafluorobenzene	7.863	168	1881	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.775	114	4876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	2348	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1405	78.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.380%	
35) Dibromofluoromethane	7.793	113	1922	58.605	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.200%	
50) Toluene-d8	10.263	98	7696	58.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.200%	
62) 4-Bromofluorobenzene	12.575	95	1993	57.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	115	3.644	ug/l #	40
74) N-amyl acetate	11.957	43	61	2.694	ug/l #	45
76) 1,2,3-Trichloropropane	12.575	75	1137	59.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1137	128.701	ug/l #	5

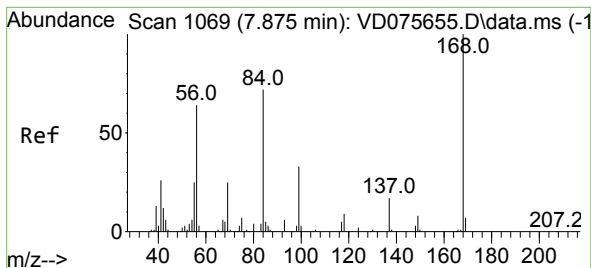
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
Data File : VD075681.D
Acq On : 14 Apr 2023 15:58
Operator : KP/SY
Sample : 02308-01RE
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 01:34:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.863 min Scan# 10

Delta R.T. -0.012 min

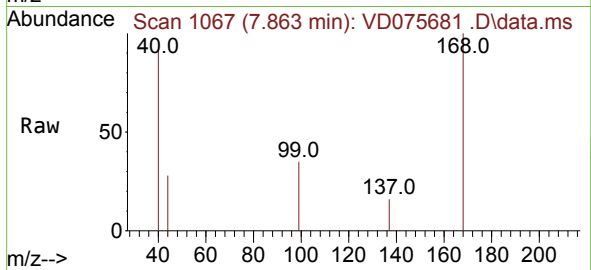
Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :

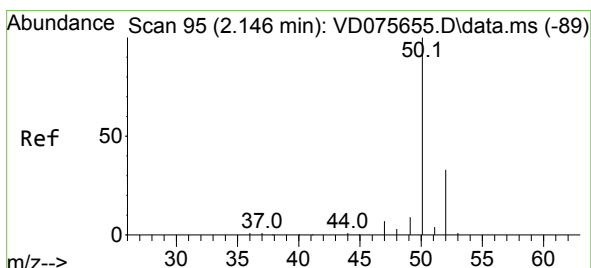
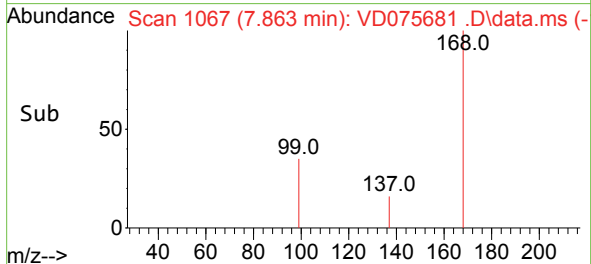
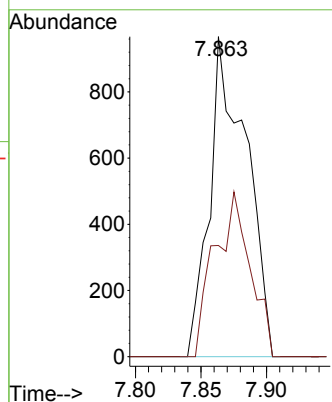


Tgt Ion:168 Resp: 1881

Ion Ratio Lower Upper

168 100

99 34.7 43.8 65.6#



#3

Chloromethane

Concen: 3.644 ug/l

RT: 2.140 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075681.D

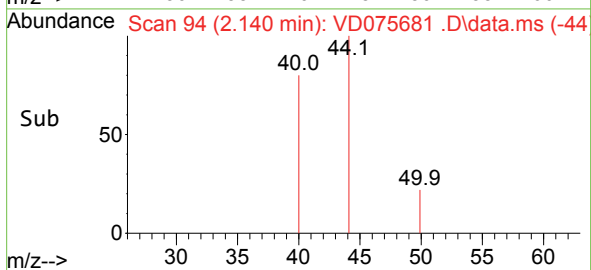
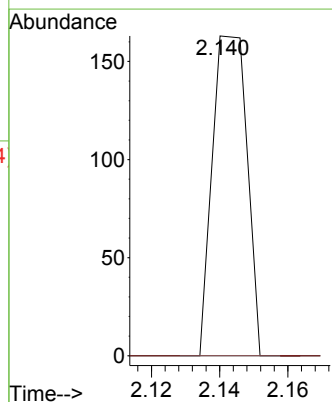
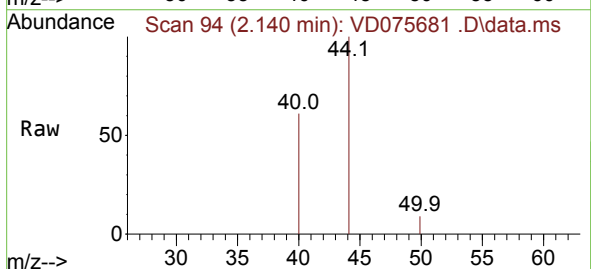
Acq: 14 Apr 2023 15:58

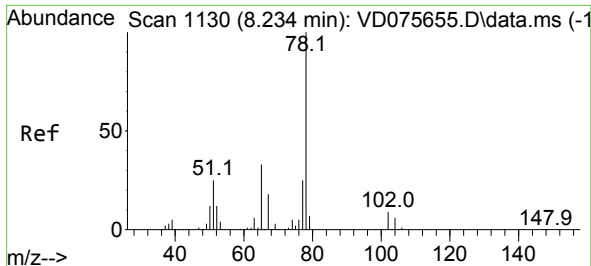
Tgt Ion: 50 Resp: 115

Ion Ratio Lower Upper

50 100

52 0.0 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 78.692 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Instrument :

MSVOA_D

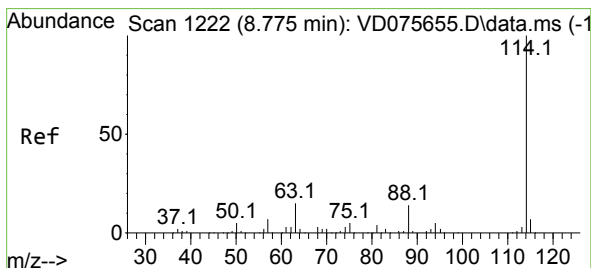
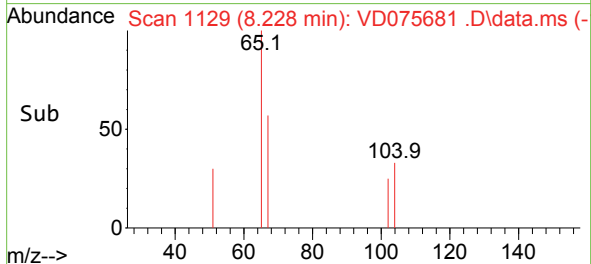
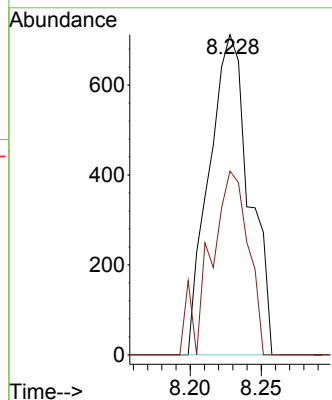
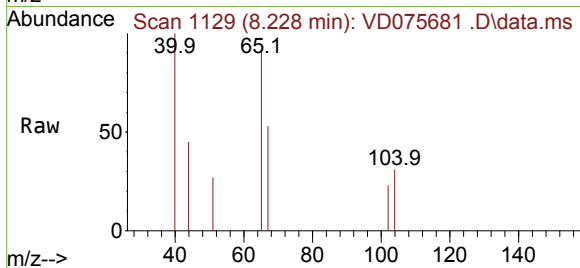
ClientSampleId :

Tgt Ion: 65 Resp: 1405

Ion Ratio Lower Upper

65 100

67 54.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

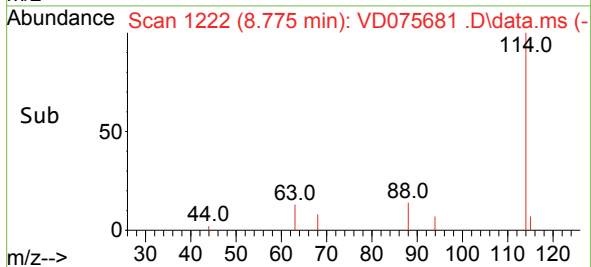
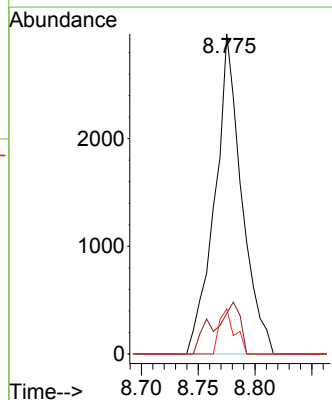
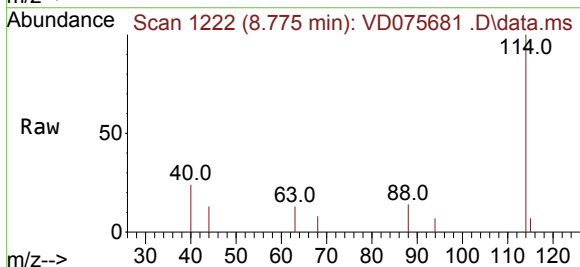
Tgt Ion: 114 Resp: 4876

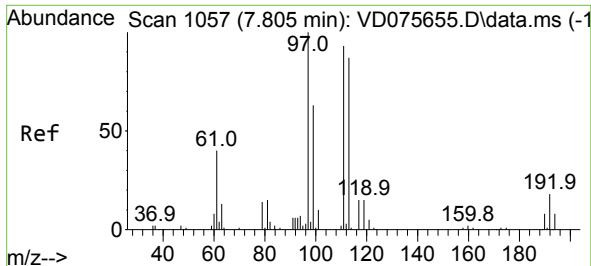
Ion Ratio Lower Upper

114 100

63 12.7 0.0 41.6

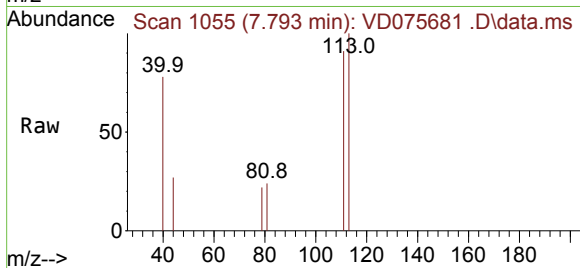
88 14.1 0.0 30.6



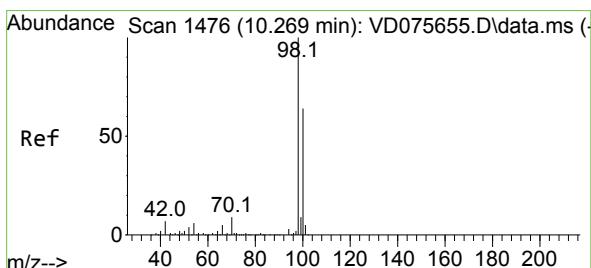
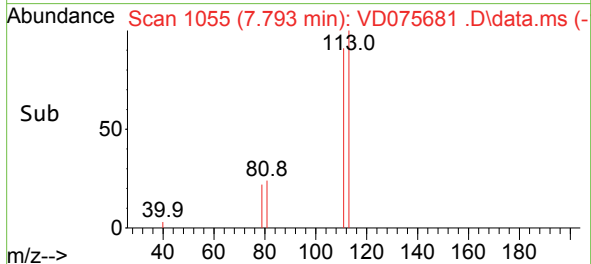
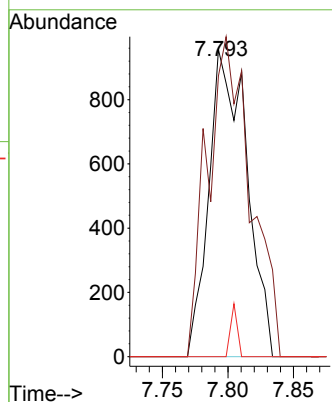


#35
Dibromofluoromethane
Concen: 58.605 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

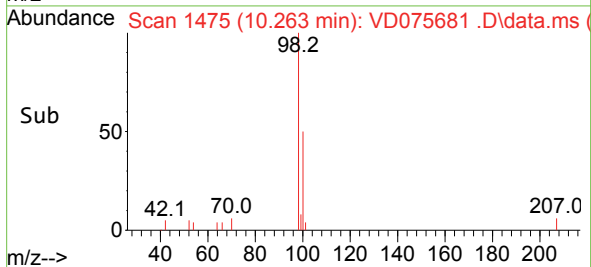
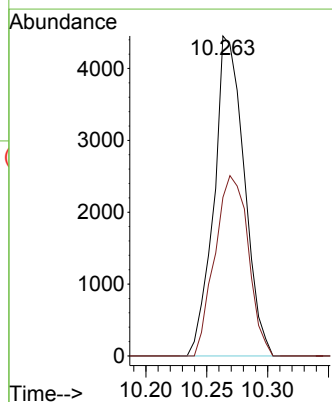
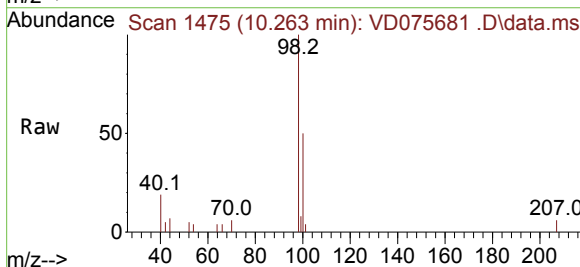


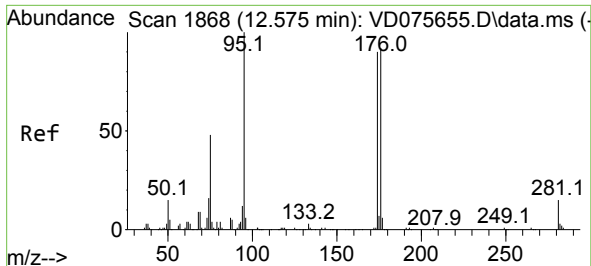
Tgt Ion:113 Resp: 1922
Ion Ratio Lower Upper
113 100
111 119.1 81.4 122.0
192 3.0 15.2 22.8#



#50
Toluene-d8
Concen: 58.599 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Tgt Ion: 98 Resp: 7696
Ion Ratio Lower Upper
98 100
100 62.2 52.1 78.1

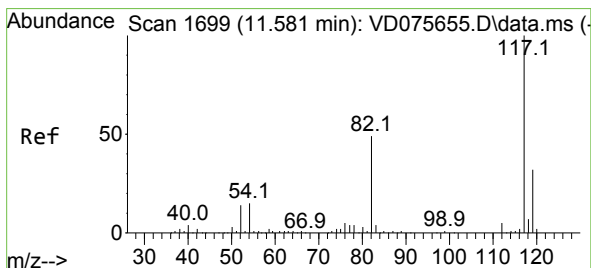
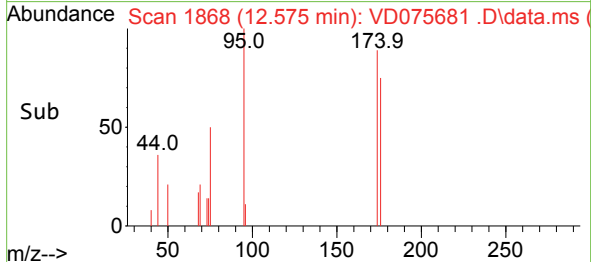
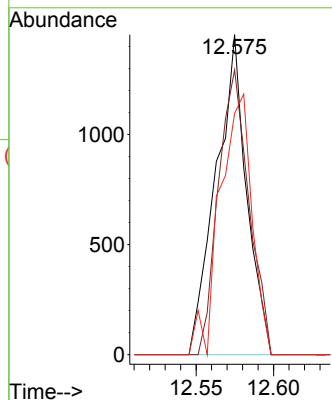
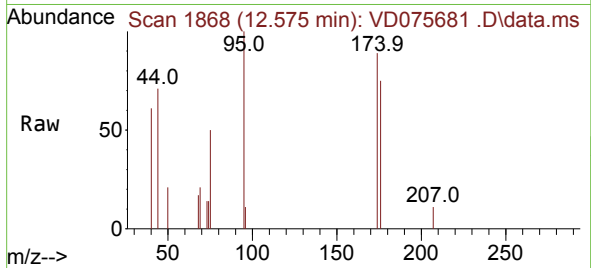




#62
4-Bromofluorobenzene
Concen: 57.093 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

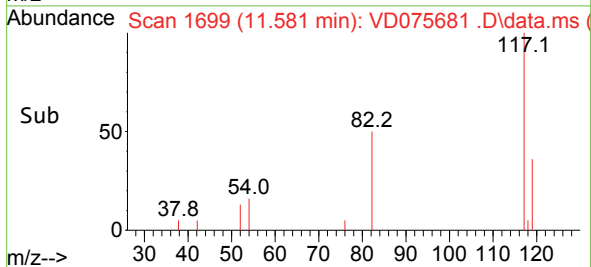
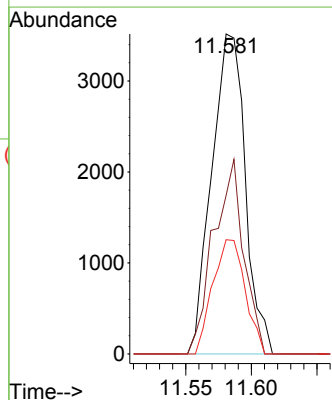
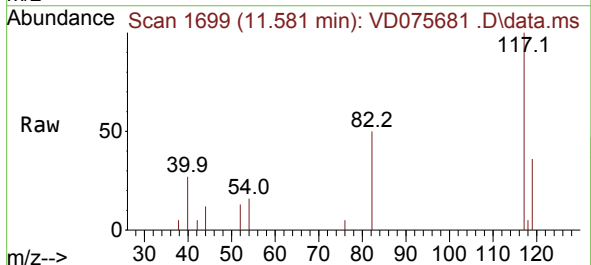
Instrument :
MSVOA_D
ClientSampleId :

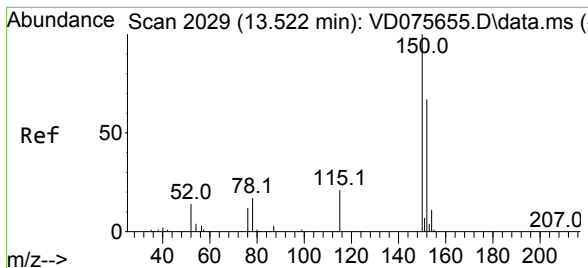
Tgt Ion: 95 Resp: 1993
Ion Ratio Lower Upper
95 100
174 88.8 0.0 164.0
176 85.4 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075681.D
Acq: 14 Apr 2023 15:58

Tgt Ion: 117 Resp: 6256
Ion Ratio Lower Upper
117 100
82 49.6 44.0 66.0
119 35.7 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. -0.012 min

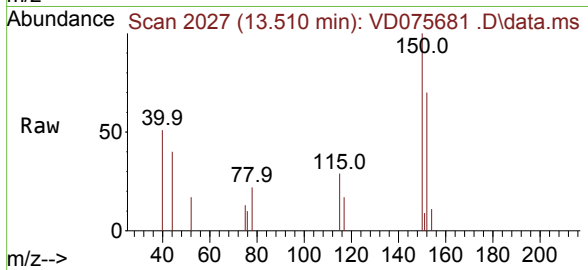
Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :



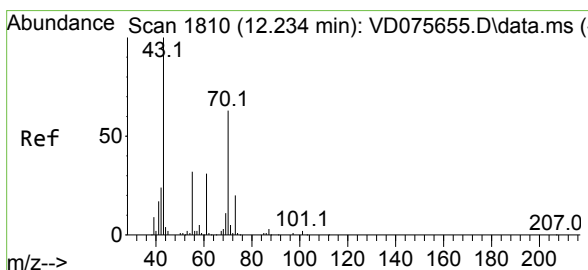
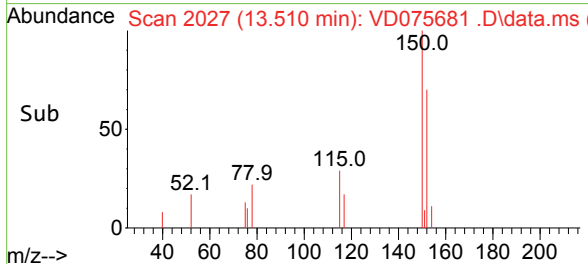
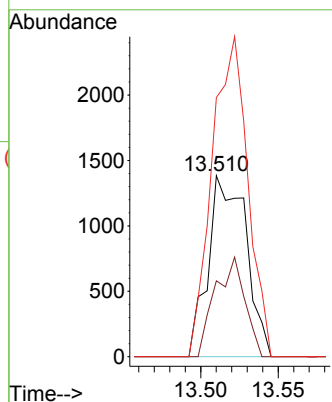
Tgt Ion:152 Resp: 2348

Ion Ratio Lower Upper

152 100

115 43.2 30.1 90.3

150 166.8 0.0 364.8



#74

N-ethyl acetate

Concen: 2.694 ug/l

RT: 11.957 min Scan# 1763

Delta R.T. -0.277 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Tgt Ion: 43 Resp: 61

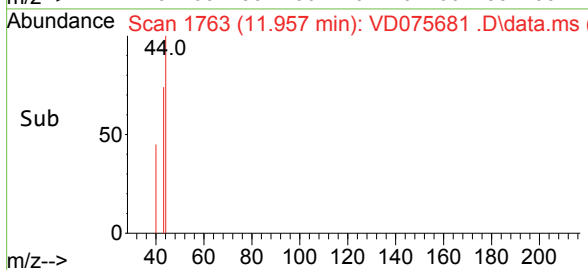
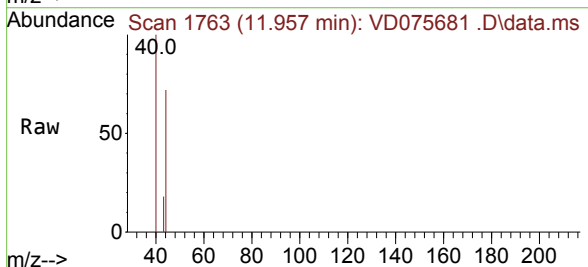
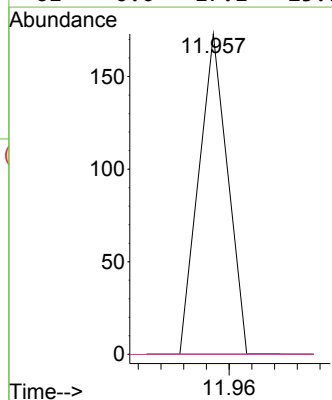
Ion Ratio Lower Upper

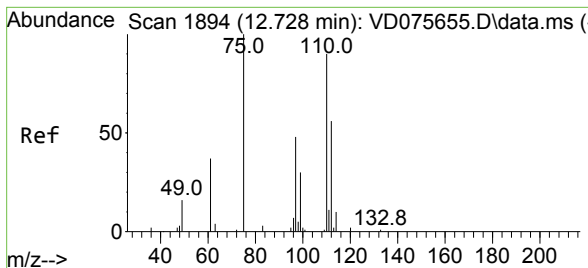
43 100

70 0.0 31.0 46.4#

55 0.0 18.6 28.0#

61 0.0 17.1 25.7#





#76

1,2,3-Trichloropropane

Concen: 59.380 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Instrument :

MSVOA_D

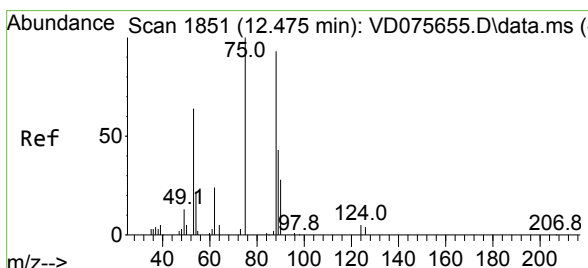
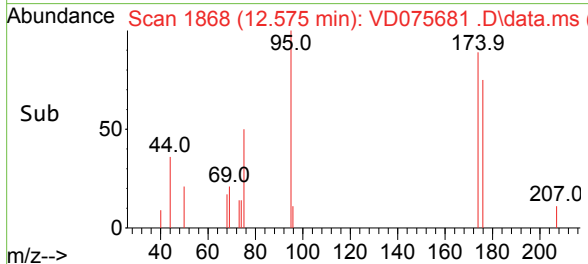
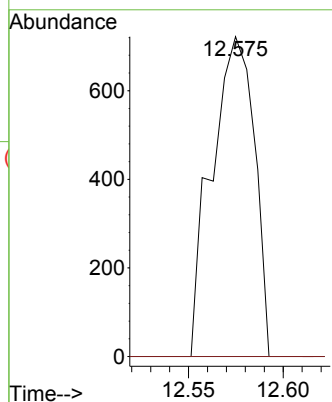
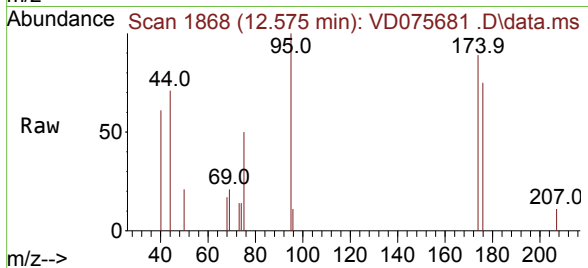
ClientSampleId :

Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 128.701 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.100 min

Lab File: VD075681.D

Acq: 14 Apr 2023 15:58

Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 40.2 60.4#

