

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074252.D
 Acq On : 12 Sep 2022 12:54
 Operator : VA/SY
 Sample : VD0912SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBL01

Quant Time: Sep 13 04:40:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

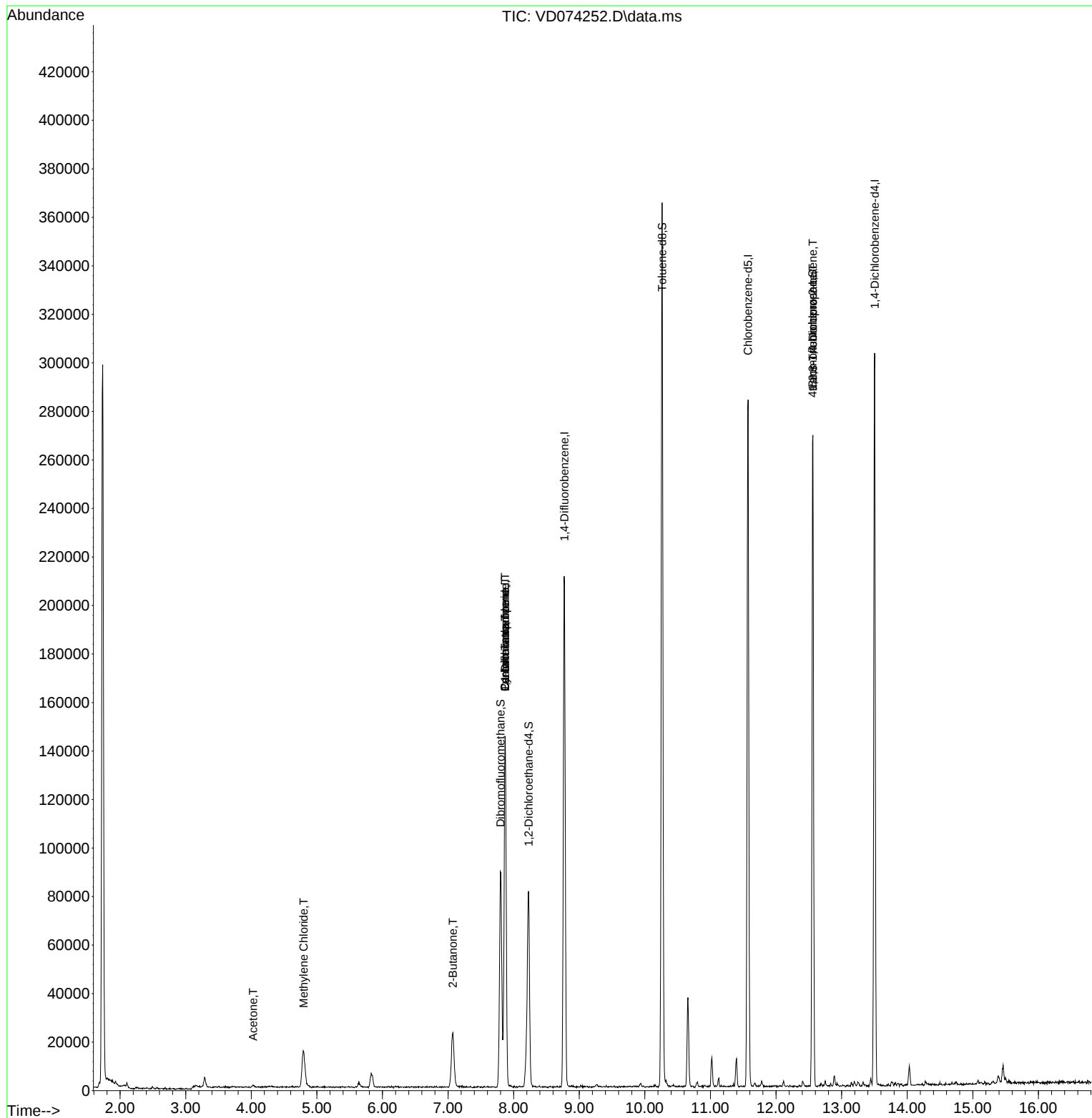
Internal Standards						
1) Pentafluorobenzene	7.869	168	115640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	171008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	82105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60717	51.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.799	113	66279	51.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.263	98	253370	53.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.600%	
62) 4-Bromofluorobenzene	12.557	95	79148	47.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	1314	Below Cal		94
16) Acetone	4.028	43	1301	5.346	ug/l #	42
20) Methylene Chloride	4.799	84	11736	2.101	ug/l	94
25) 2-Butanone	7.075	43	1702	4.193	ug/l #	48
31) Cyclohexane	7.869	56	2559	1.050	ug/l #	15
36) 1,1-Dichloropropene	7.869	75	9389	4.515	ug/l #	50
38) Carbon Tetrachloride	7.869	117	11002	5.848	ug/l #	16
76) 1,2,3-Trichloropropane	12.563	75	41146	48.884	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	41146	120.528	ug/l #	100

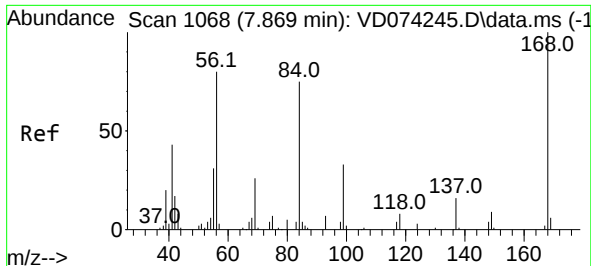
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
VD0912SBL01

Quant Time: Sep 13 04:40:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
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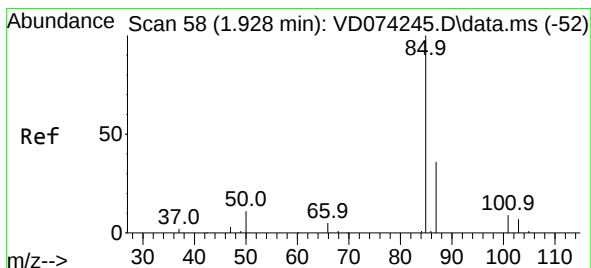
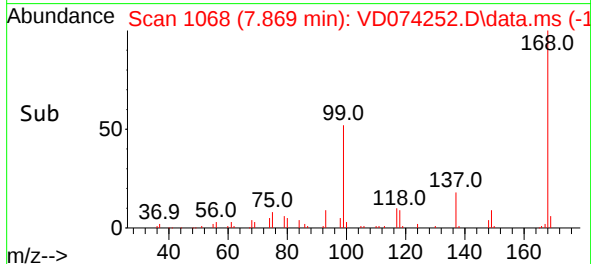
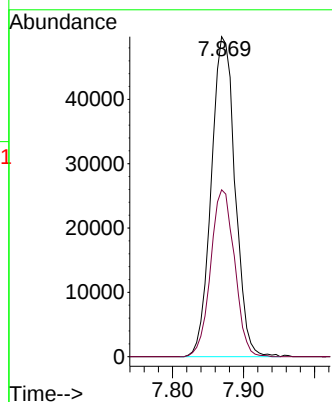
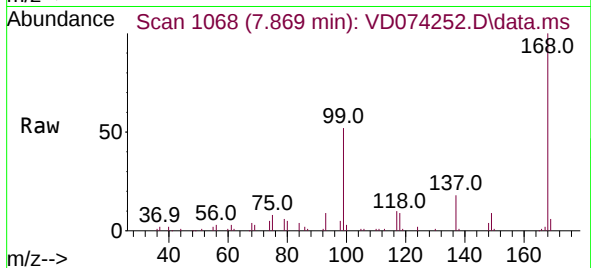




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

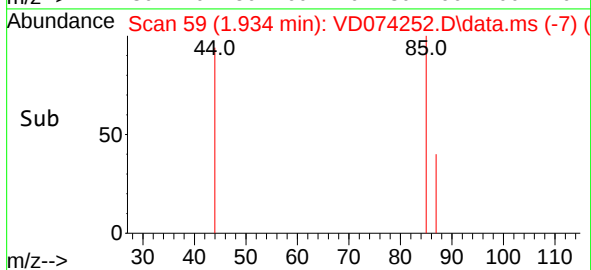
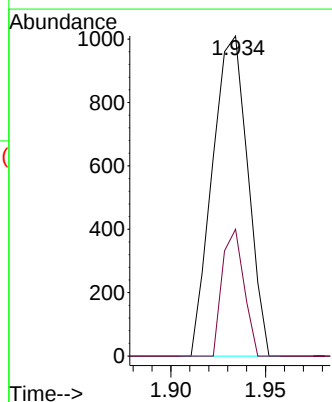
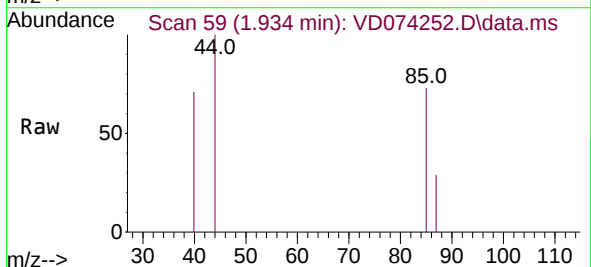
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

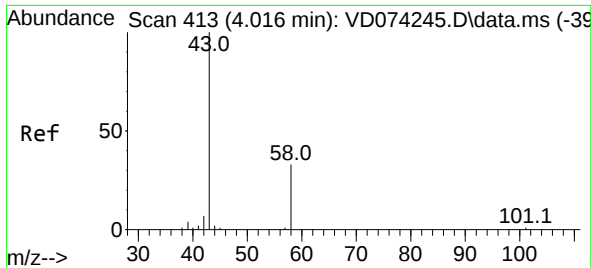
Tgt Ion:168 Resp: 115640
Ion Ratio Lower Upper
168 100
99 52.1 43.0 64.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion: 85 Resp: 1314
Ion Ratio Lower Upper
85 100
87 39.6 17.9 53.7





#16

Acetone

Concen: 5.346 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

Instrument :

MSVOA_D

ClientSampleId :

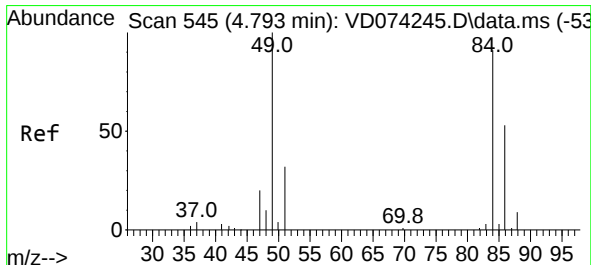
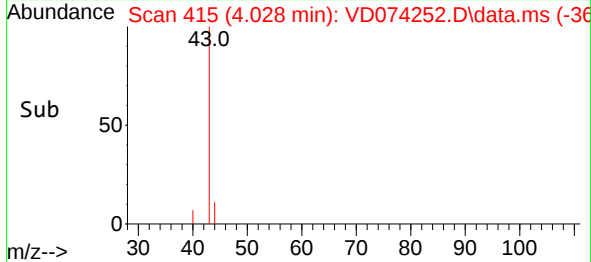
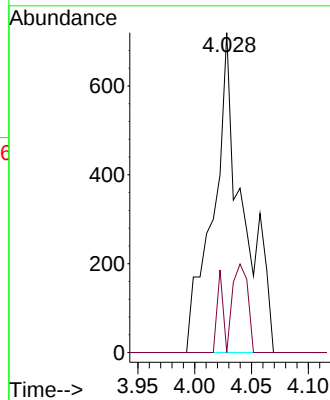
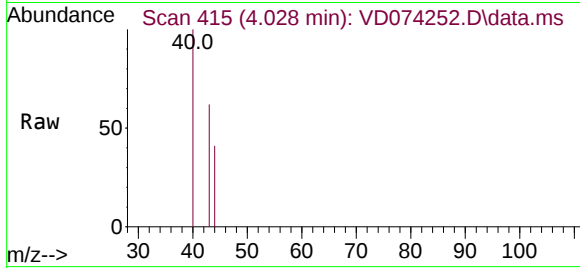
VD0912SBL01

Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 0.0 26.4 39.6#



#20

Methylene Chloride

Concen: 2.101 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

Tgt Ion: 84 Resp: 11736

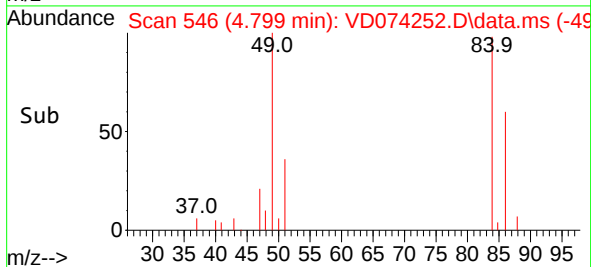
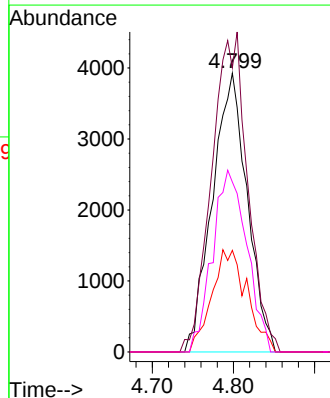
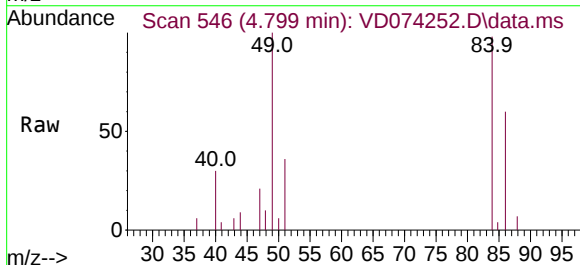
Ion Ratio Lower Upper

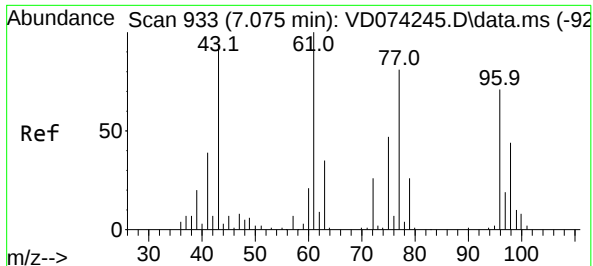
84 100

49 101.9 88.4 132.6

51 36.4 28.0 42.0

86 60.9 47.1 70.7

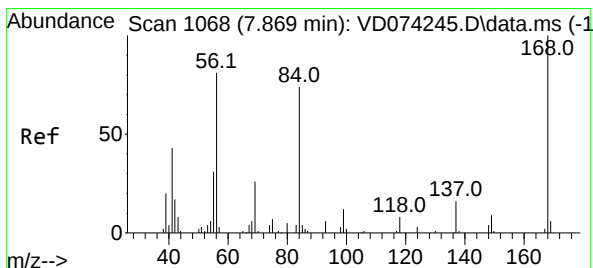
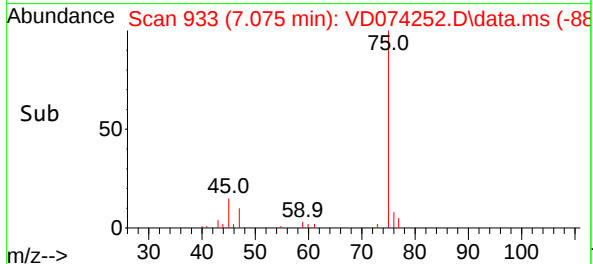
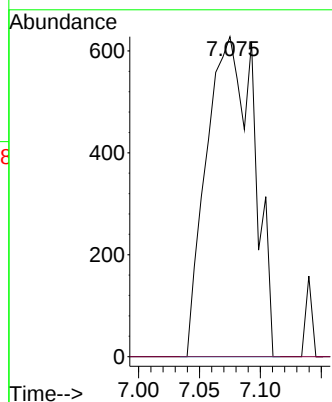
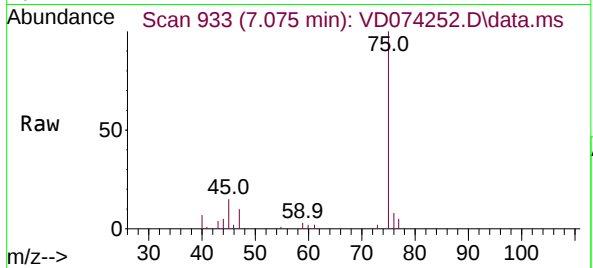




#25
2-Butanone
Concen: 4.193 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

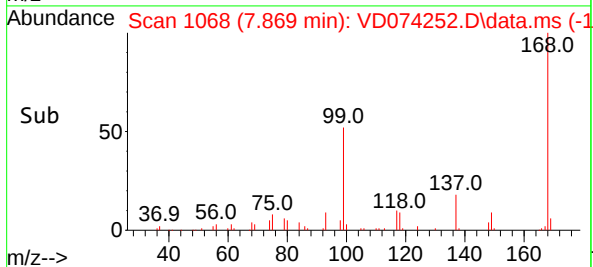
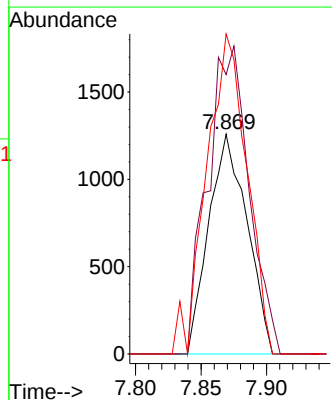
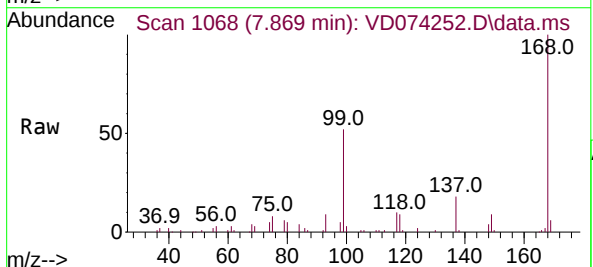
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

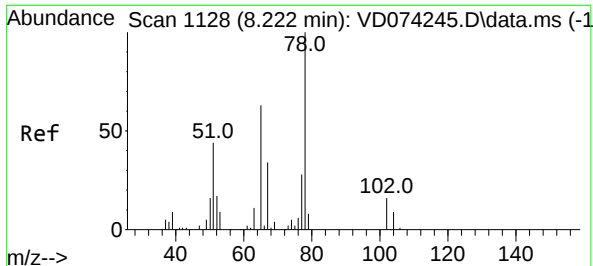
Tgt Ion: 43 Resp: 1702
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 127.2 25.7 38.5#
84 145.7 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 51.500 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

Instrument :

MSVOA_D

ClientSampleId :

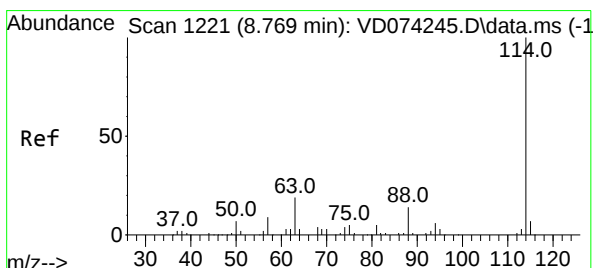
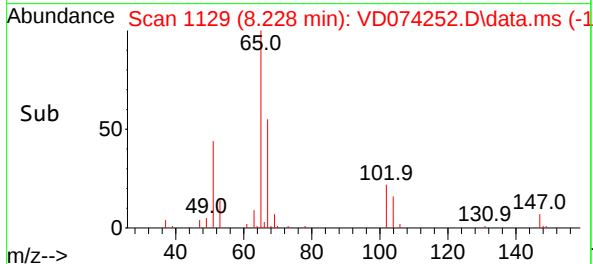
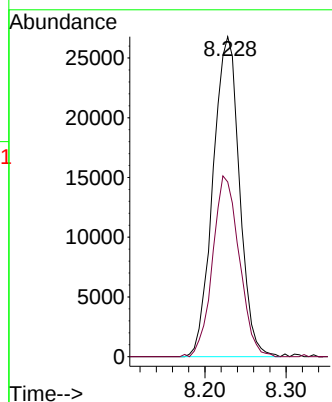
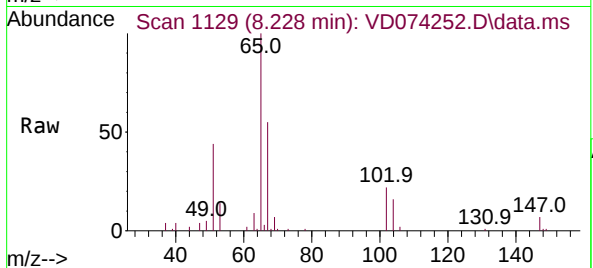
VD0912SBL01

Tgt Ion: 65 Resp: 60717

Ion Ratio Lower Upper

65 100

67 56.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

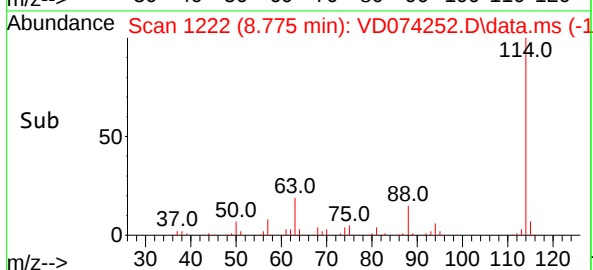
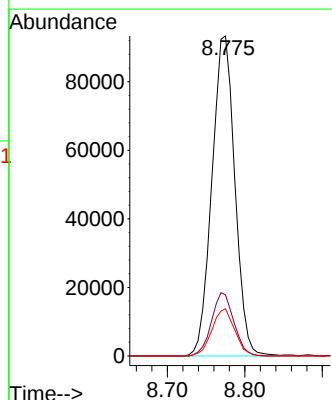
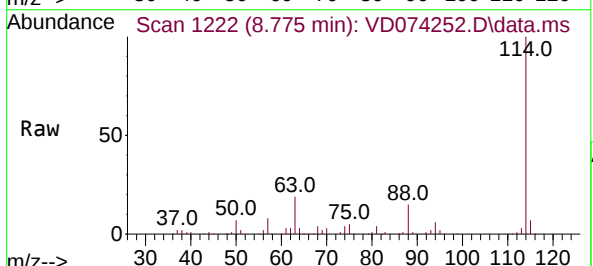
Tgt Ion: 114 Resp: 192107

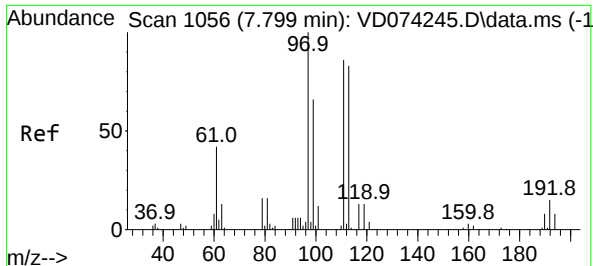
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 14.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 51.665 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBL01

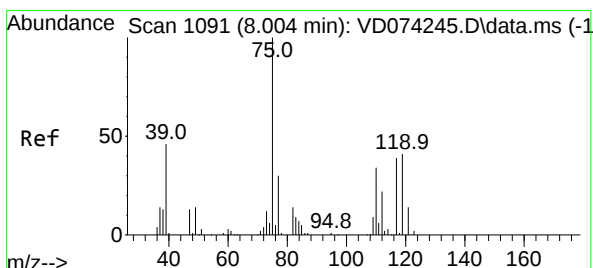
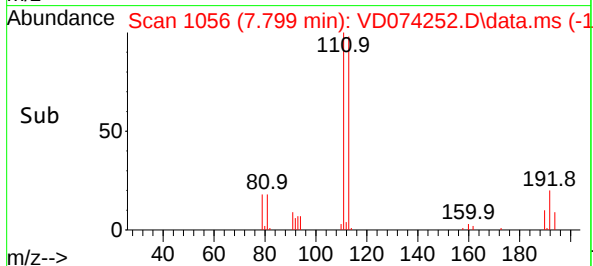
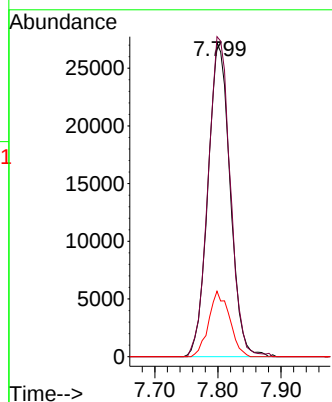
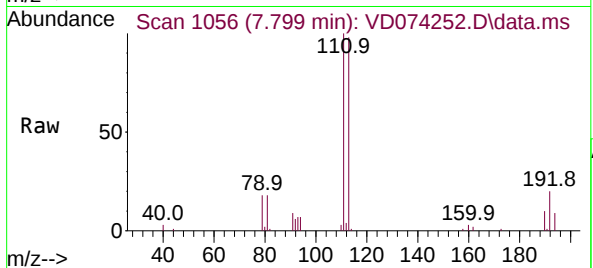
Tgt Ion:113 Resp: 66279

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 19.6 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.515 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

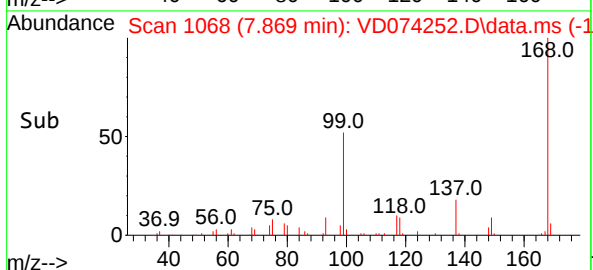
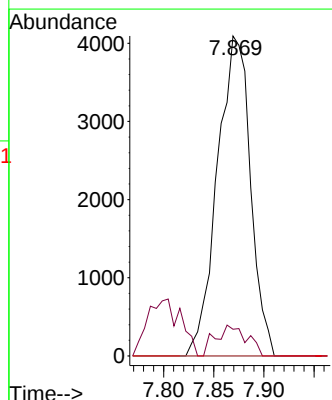
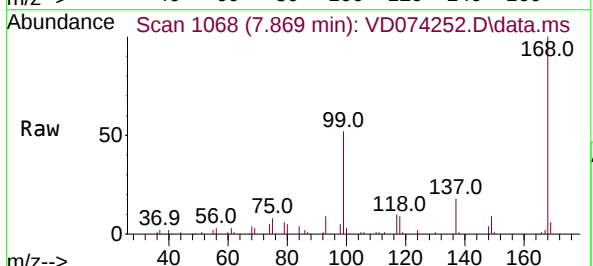
Tgt Ion: 75 Resp: 9389

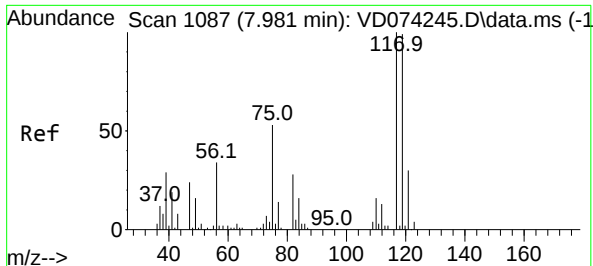
Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

77 0.0 24.8 37.2#

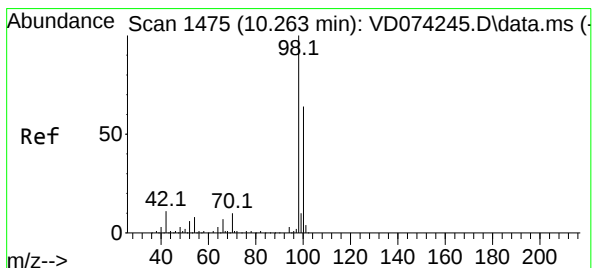
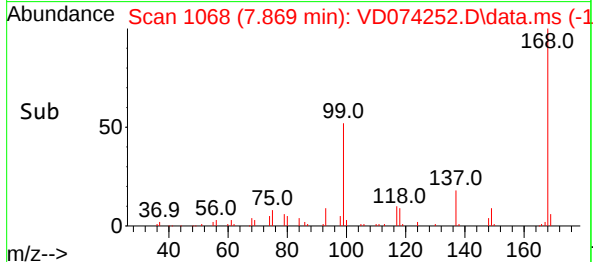
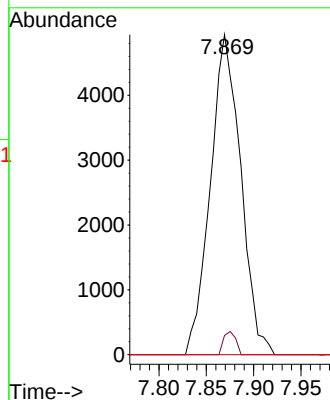
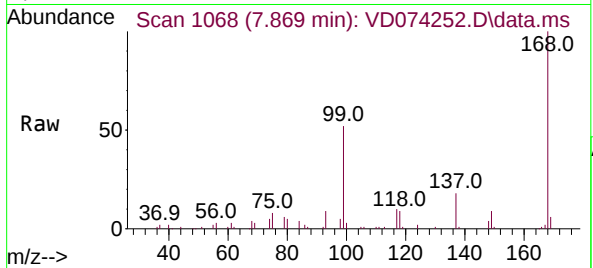




#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 7.869 min Scan# 11002
Delta R.T. -0.112 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

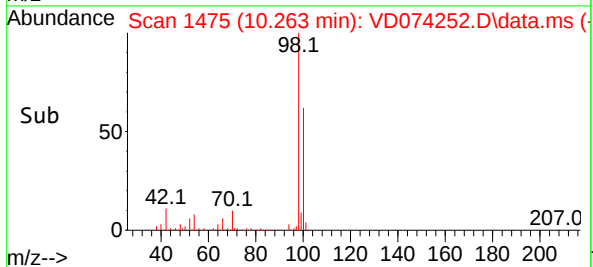
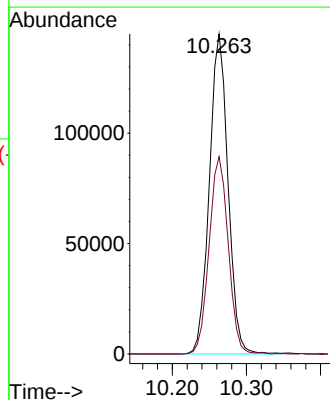
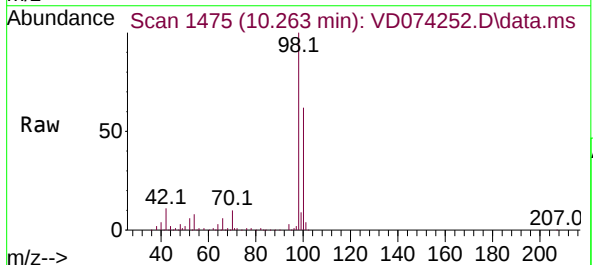
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

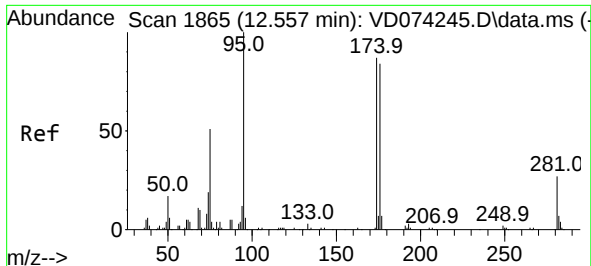
Tgt Ion:117 Resp: 11002
Ion Ratio Lower Upper
117 100
119 6.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.804 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion: 98 Resp: 253370
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8

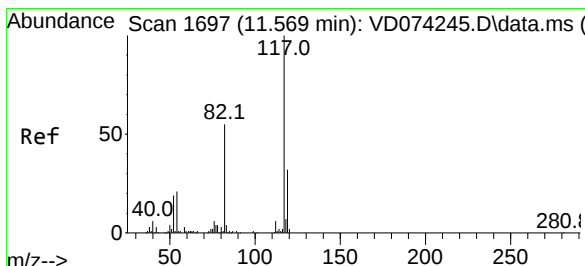
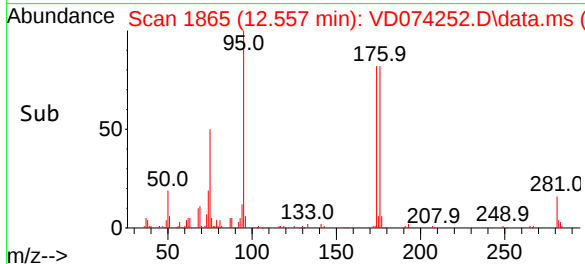
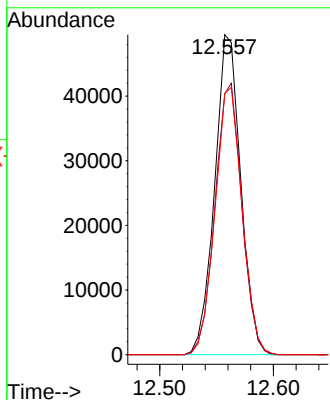
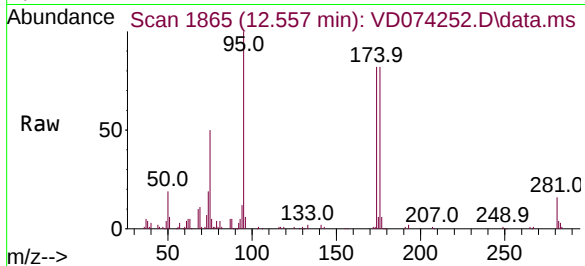




#62
4-Bromofluorobenzene
Concen: 47.823 ug/l
RT: 12.557 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

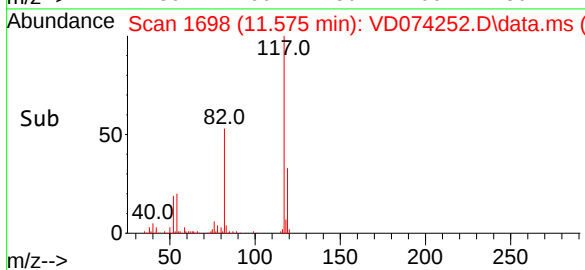
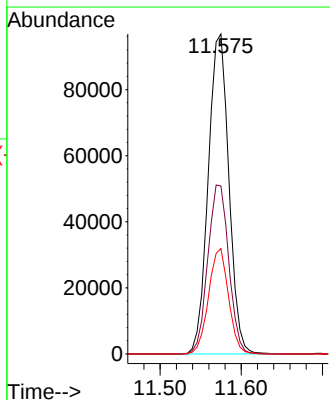
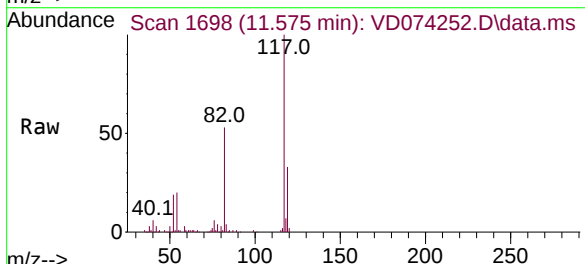
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

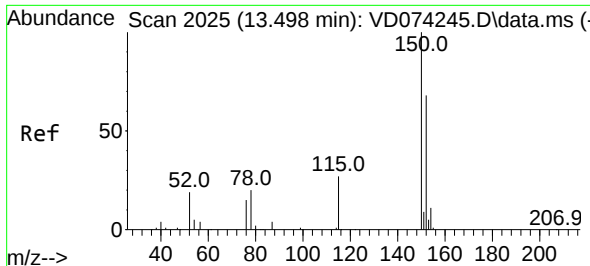
Tgt Ion: 95 Resp: 79148
Ion Ratio Lower Upper
95 100
174 87.1 0.0 179.2
176 86.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion: 117 Resp: 171008
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.9 25.4 38.0

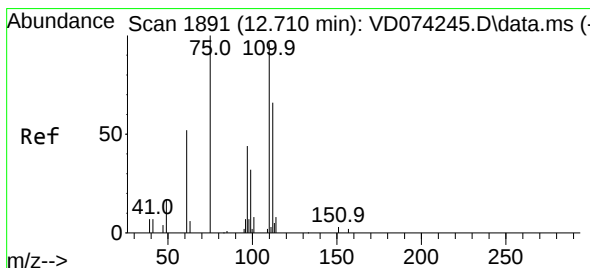
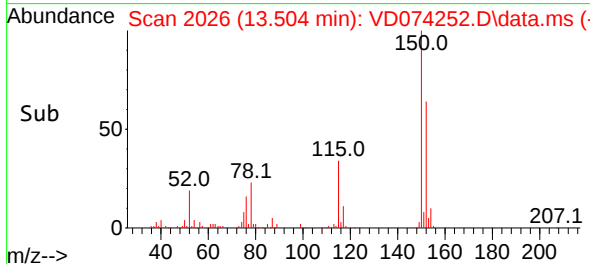
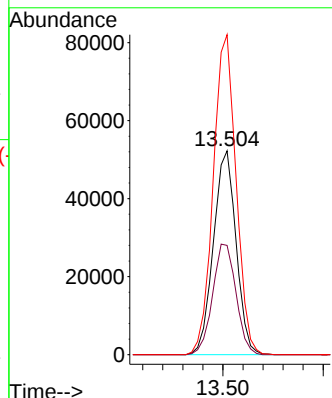
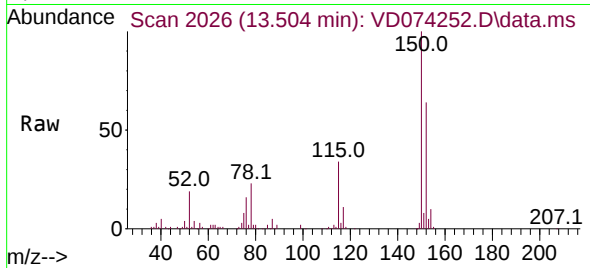




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.504 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074252.D
 Acq: 12 Sep 2022 12:54

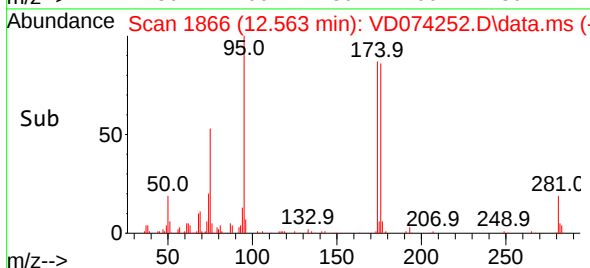
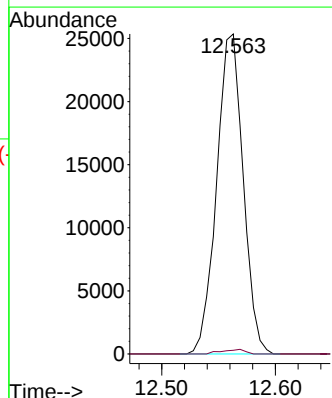
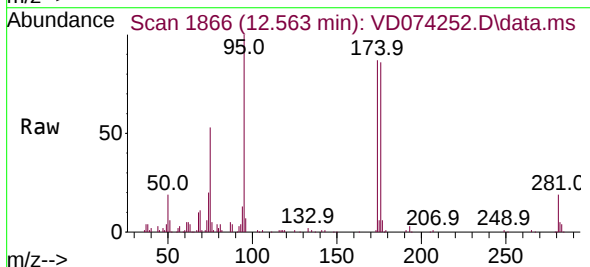
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBL01

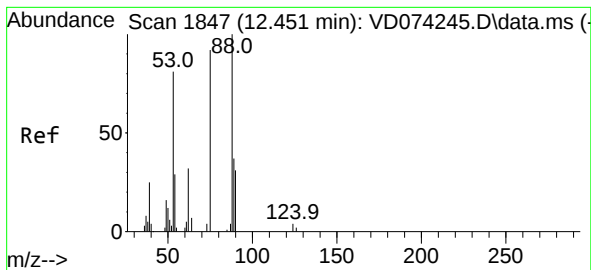
Tgt Ion:152 Resp: 82105
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.4 85.2
 150 157.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 48.884 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. -0.147 min
 Lab File: VD074252.D
 Acq: 12 Sep 2022 12:54

Tgt Ion: 75 Resp: 41146
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.528 ug/l
 RT: 12.563 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074252.D
 Acq: 12 Sep 2022 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBL01

Tgt Ion: 75 Resp: 41146
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.2 0.0 0.0#

