

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070263.D
 Acq On : 26 Aug 2021 11:28
 Operator : VA/SY
 Sample : VD0826SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBL01

Quant Time: Aug 27 01:22:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

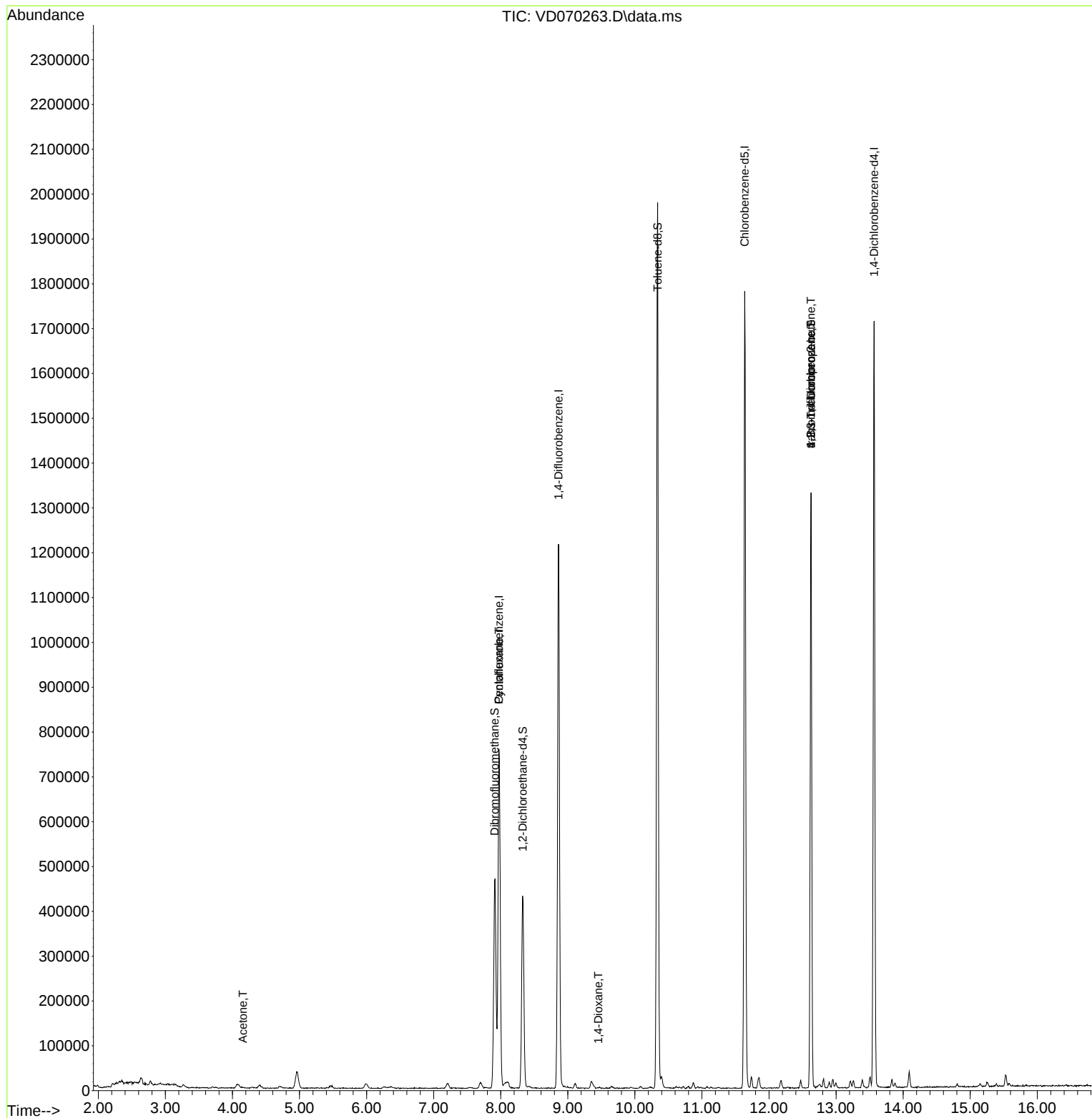
Internal Standards						
1) Pentafluorobenzene	7.973	168	520888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1022997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1033043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	435240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	336570	54.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.880%	
35) Dibromofluoromethane	7.909	113	345073	52.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.420%	
50) Toluene-d8	10.338	98	1336954	52.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.020%	
62) 4-Bromofluorobenzene	12.626	95	441708	52.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	3380	Below Cal		92
3) Chloromethane	2.209	50	5113	Below Cal		92
5) Bromomethane	2.773	94	5655	Below Cal	#	71
16) Acetone	4.156	43	2983	2.643	ug/l #	74
20) Methylene Chloride	4.956	84	28175	Below Cal		87
31) Cyclohexane	7.973	56	17048	1.406	ug/l #	11
49) 1,4-Dioxane	9.456	88	61	1.392	ug/l #	8
76) 1,2,3-Trichloropropane	12.626	75	219280	49.679	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	219280	128.949	ug/l #	18

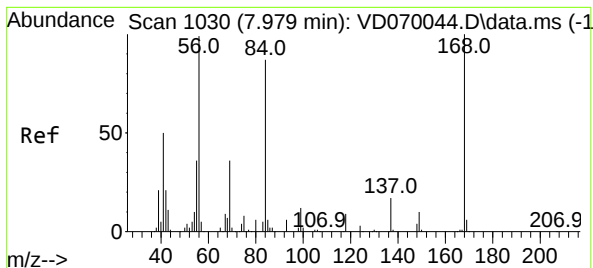
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
Data File : VD070263.D
Acq On : 26 Aug 2021 11:28
Operator : VA/SY
Sample : VD0826SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

Quant Time: Aug 27 01:22:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070263.D

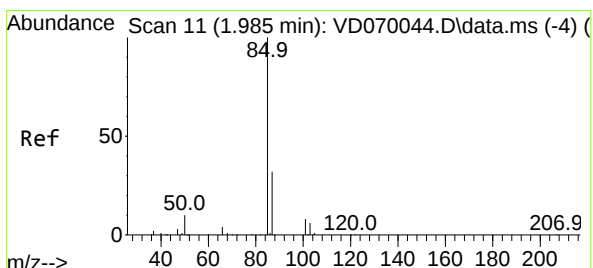
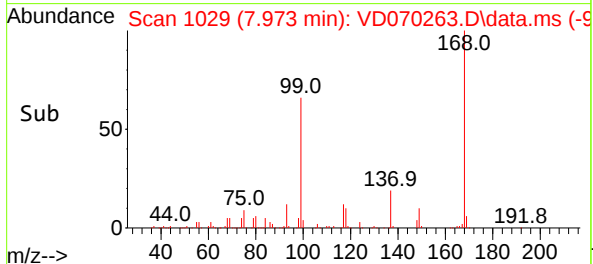
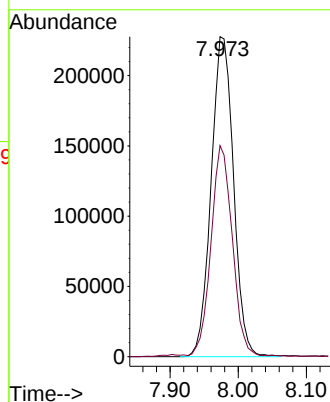
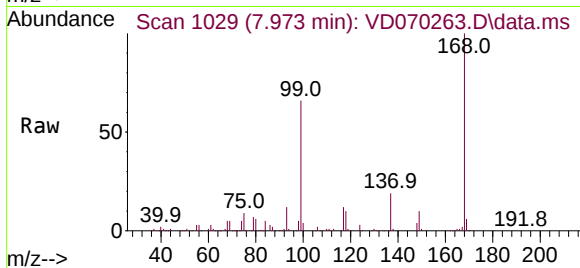
Acq: 26 Aug 2021 11:28

Tgt Ion:168 Resp: 520888

Ion Ratio Lower Upper

168 100

99 65.7 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070263.D

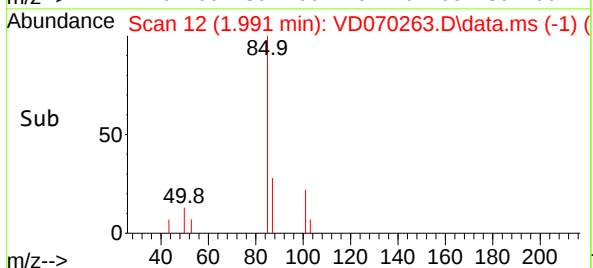
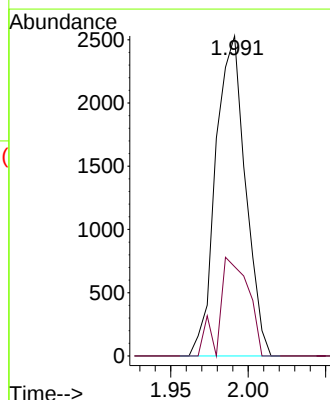
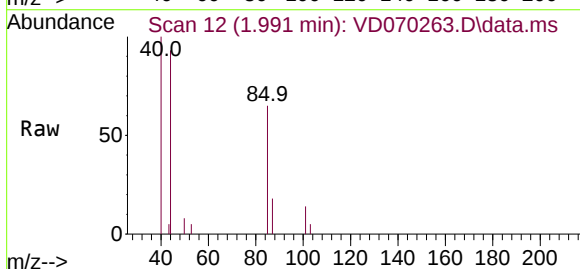
Acq: 26 Aug 2021 11:28

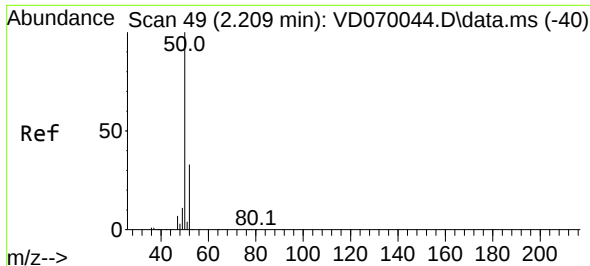
Tgt Ion: 85 Resp: 3380

Ion Ratio Lower Upper

85 100

87 27.9 16.2 48.6

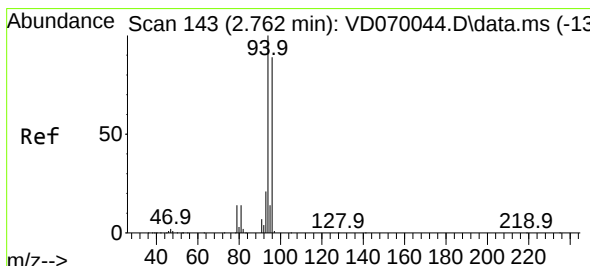
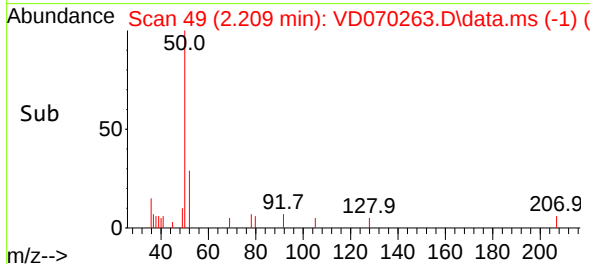
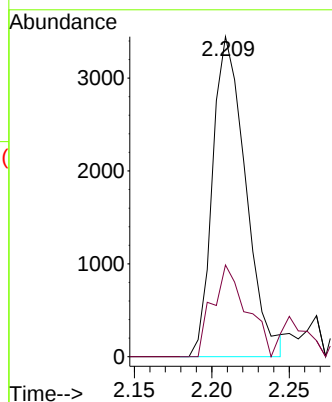
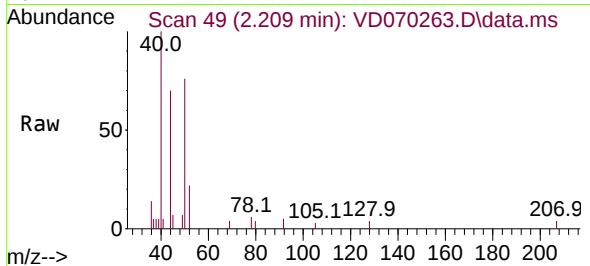




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

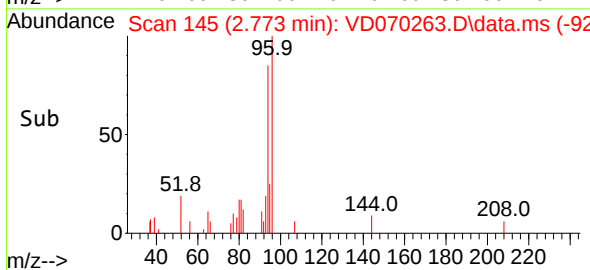
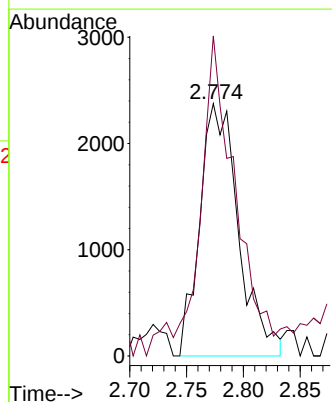
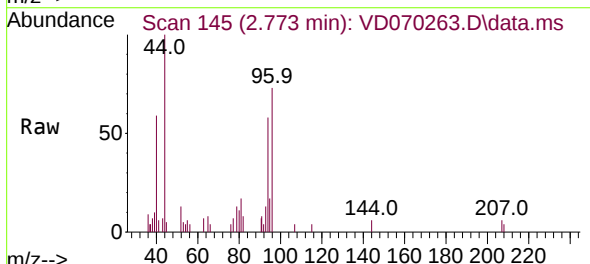
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

Tgt Ion: 50 Resp: 5113
Ion Ratio Lower Upper
50 100
52 28.6 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion: 94 Resp: 5655
Ion Ratio Lower Upper
94 100
96 116.1 70.9 106.3#

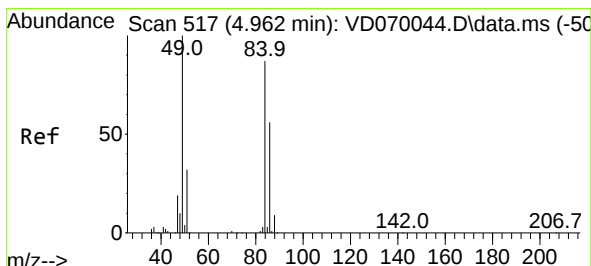
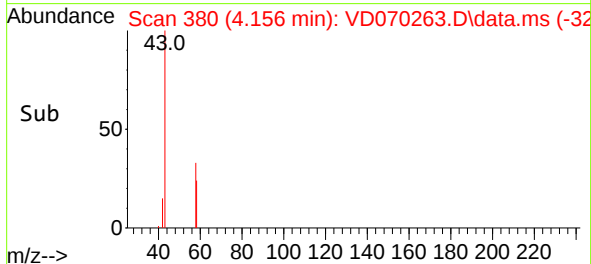
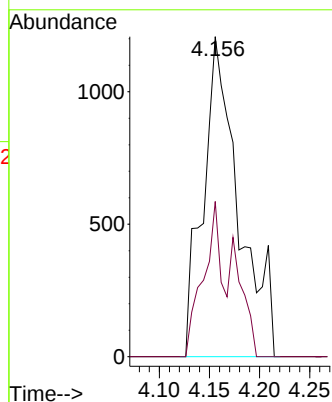
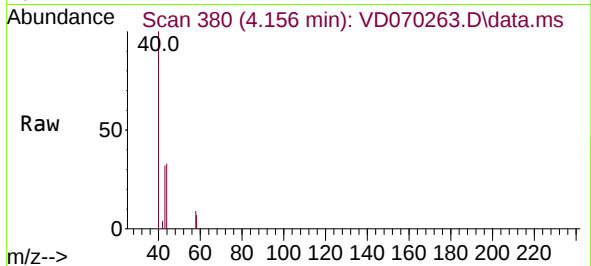




#16
Acetone
Concen: 2.643 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

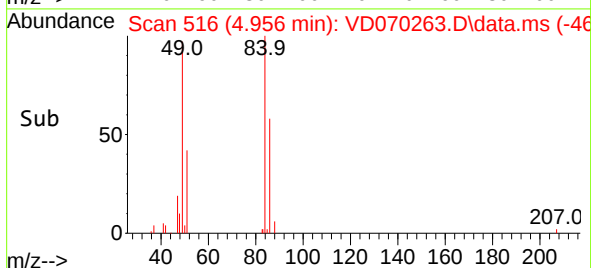
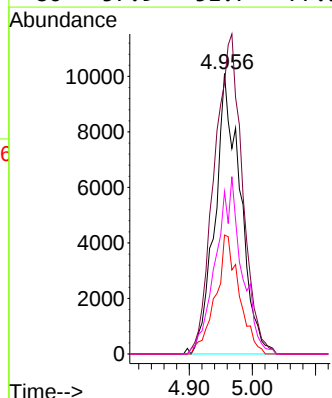
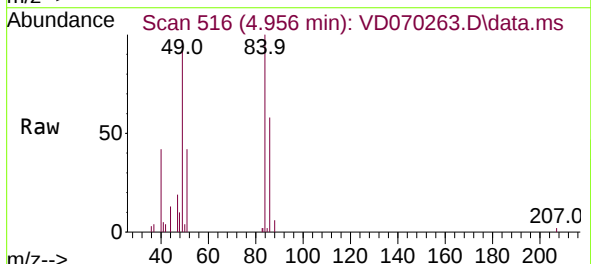
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

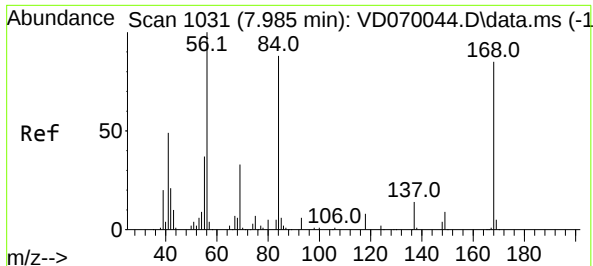
Tgt Ion: 43 Resp: 2983
Ion Ratio Lower Upper
43 100
58 48.5 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion: 84 Resp: 28175
Ion Ratio Lower Upper
84 100
49 96.7 92.5 138.7
51 42.4 29.7 44.5
86 57.9 51.7 77.5

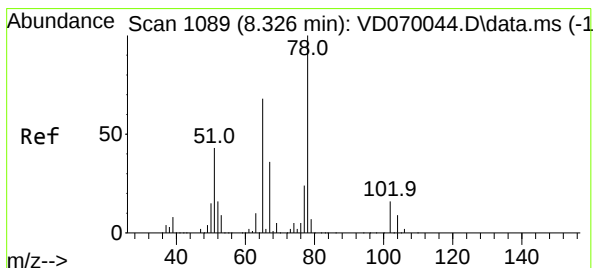
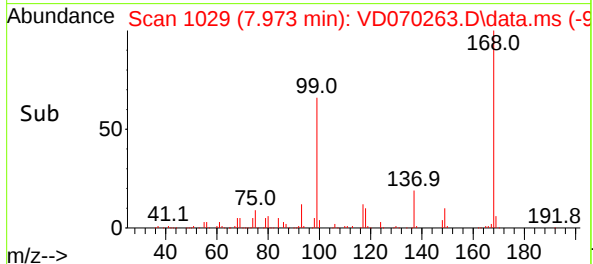
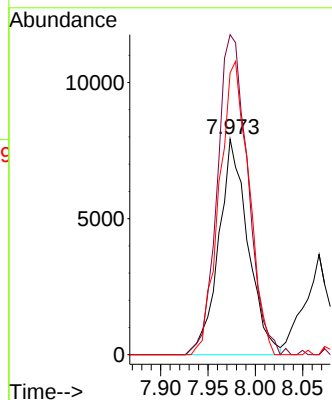
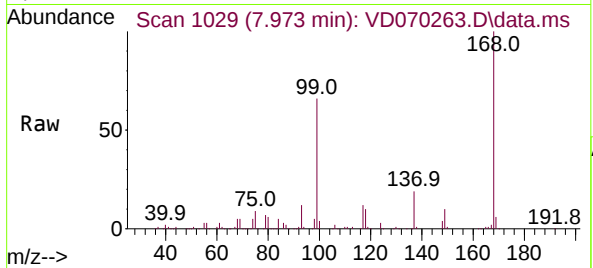




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

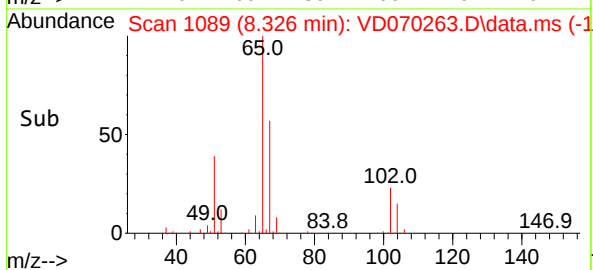
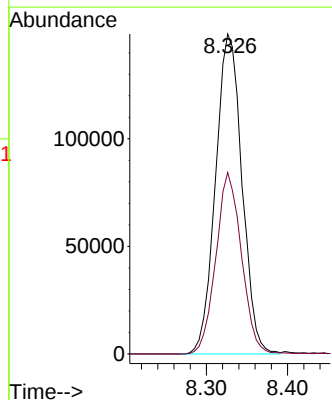
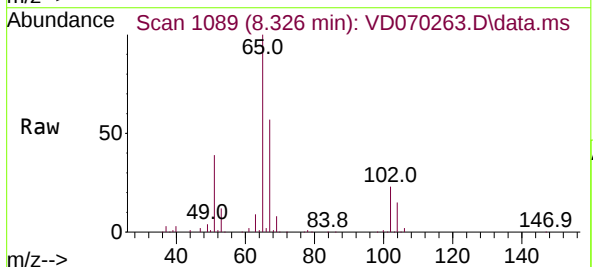
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

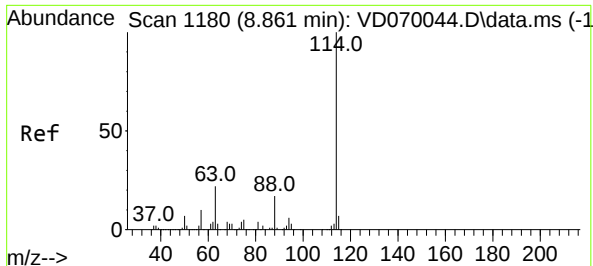
Tgt Ion: 56 Resp: 17048
Ion Ratio Lower Upper
56 100
69 148.5 26.7 40.1#
84 130.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 54.937 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion: 65 Resp: 336570
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070263.D

Acq: 26 Aug 2021 11:28

Tgt Ion:114 Resp: 1022997

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.6

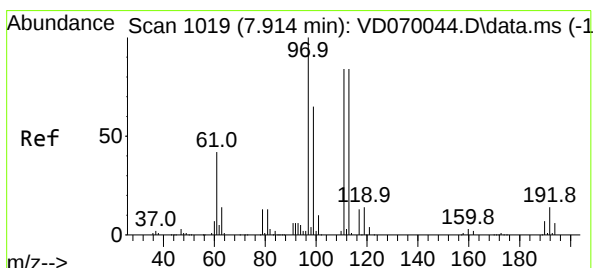
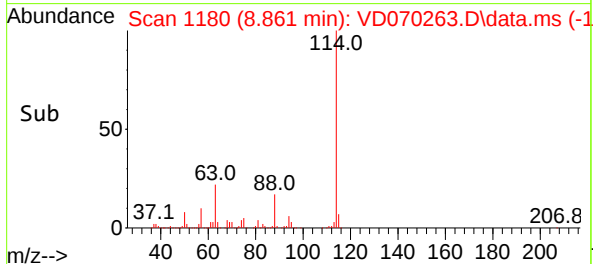
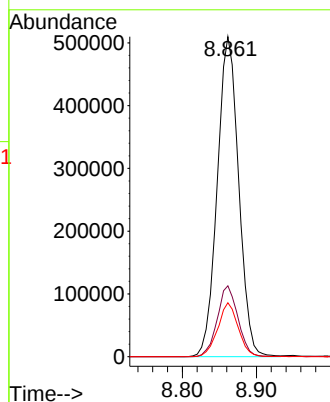
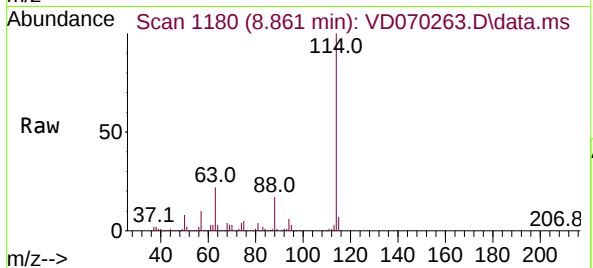
88 16.9 0.0 33.4

Instrument :

MSVOA_D

ClientSampleId :

VD0826SBL01



#35

Dibromofluoromethane

Concen: 52.211 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070263.D

Acq: 26 Aug 2021 11:28

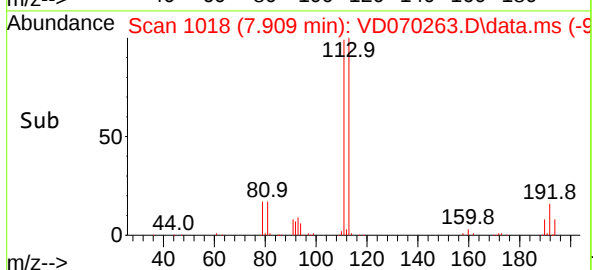
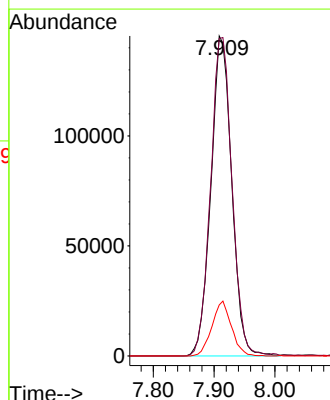
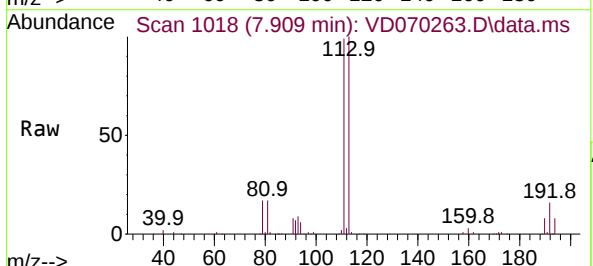
Tgt Ion:113 Resp: 345073

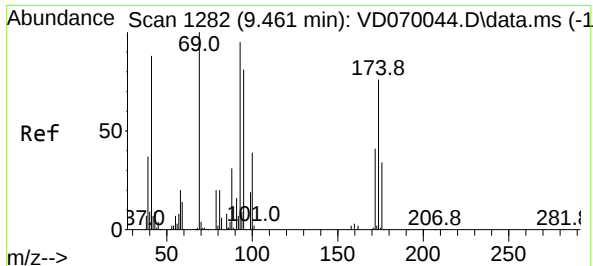
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 16.1 13.2 19.8





#49

1,4-Dioxane

Concen: 1.392 ug/l

RT: 9.456 min Scan# 1281

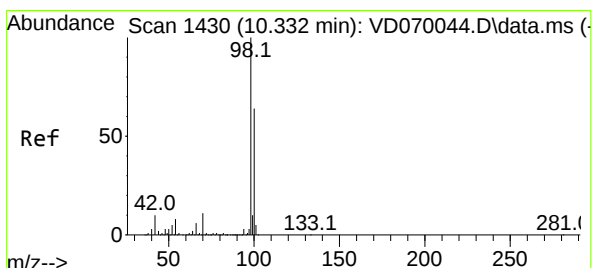
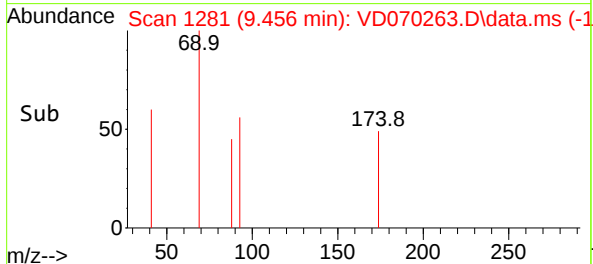
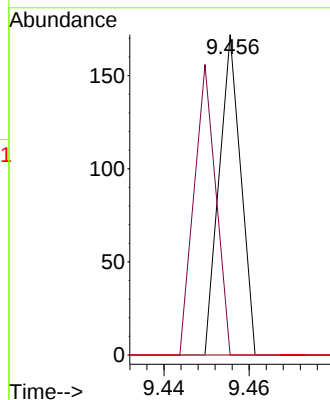
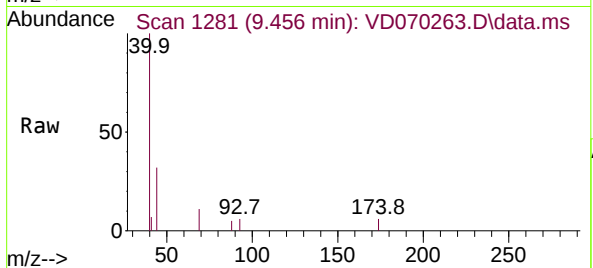
Delta R.T. -0.006 min

Lab File: VD070263.D

Acq: 26 Aug 2021 11:28

Tgt Ion:	88	Resp:	61
Ion	Ratio	Lower	Upper
88	100		
43	90.2	25.8	38.6#
58	0.0	57.4	86.2#

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01



#50

Toluene-d8

Concen: 52.009 ug/l

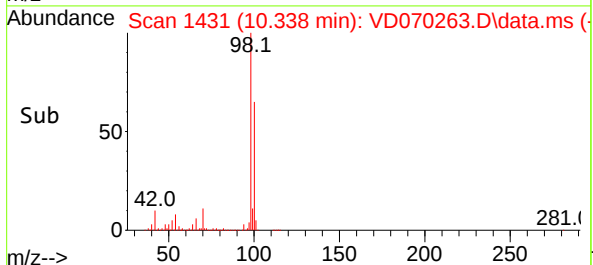
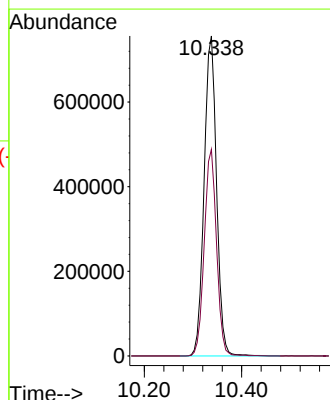
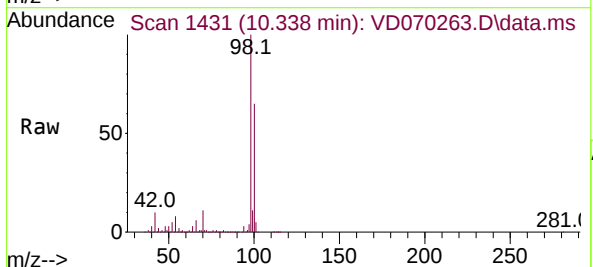
RT: 10.338 min Scan# 1431

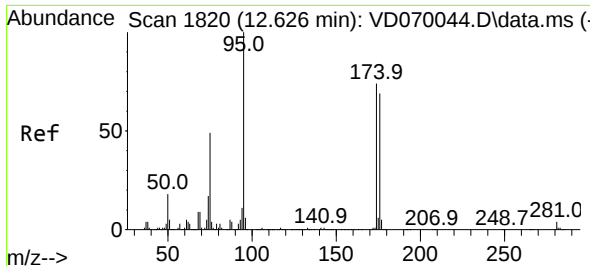
Delta R.T. 0.006 min

Lab File: VD070263.D

Acq: 26 Aug 2021 11:28

Tgt Ion:	98	Resp:	1336954
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.6	78.8

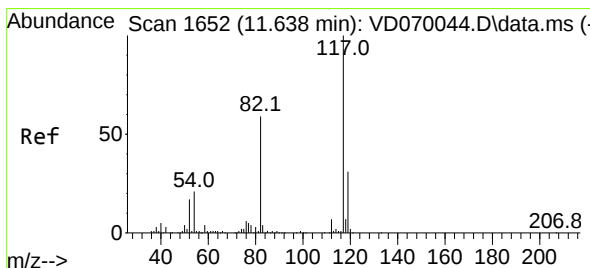
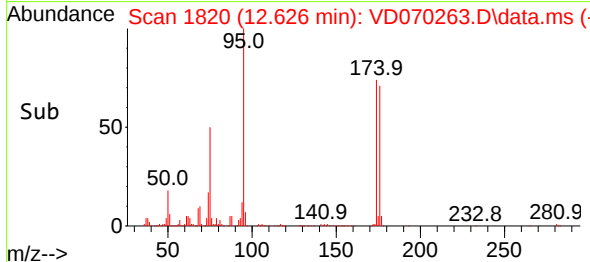
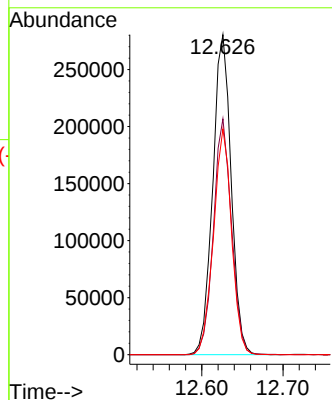
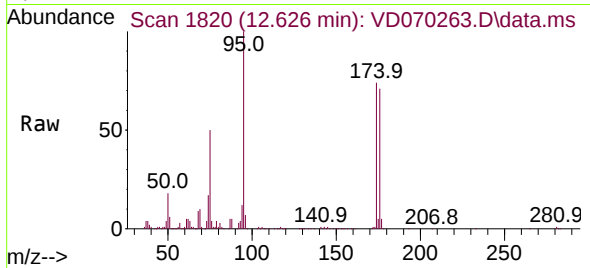




#62
4-Bromofluorobenzene
Concen: 52.168 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

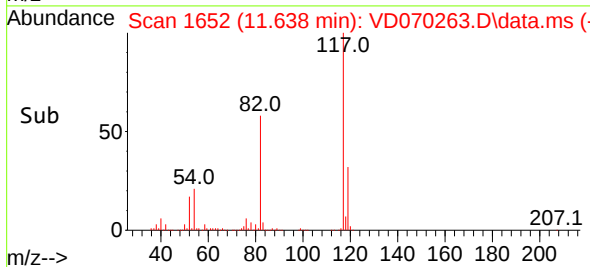
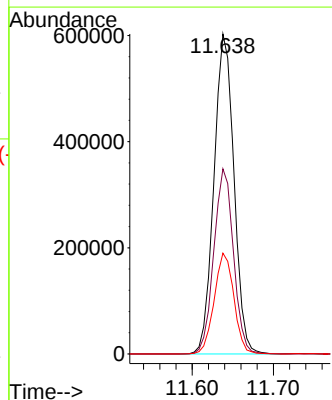
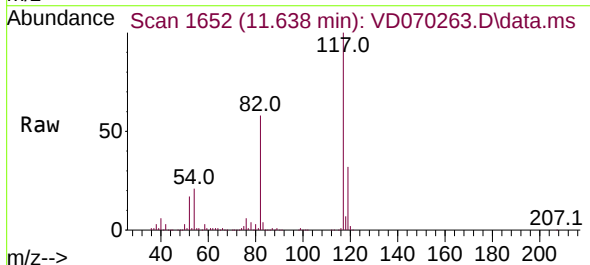
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

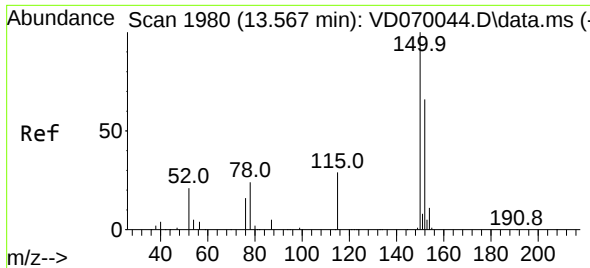
Tgt Ion: 95 Resp: 441708
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion: 117 Resp: 1033043
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.5 25.1 37.7

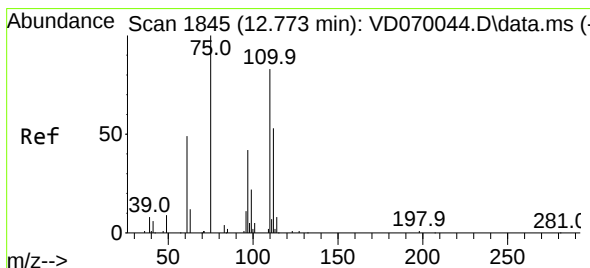
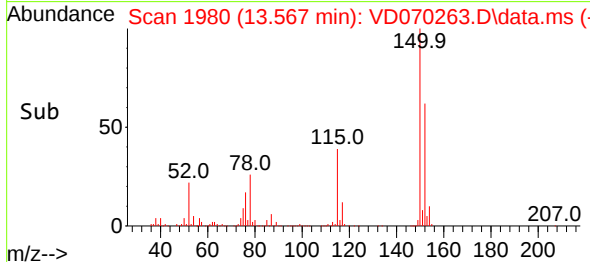
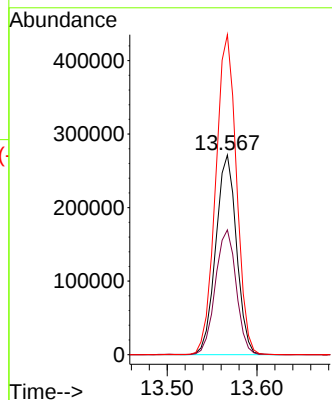
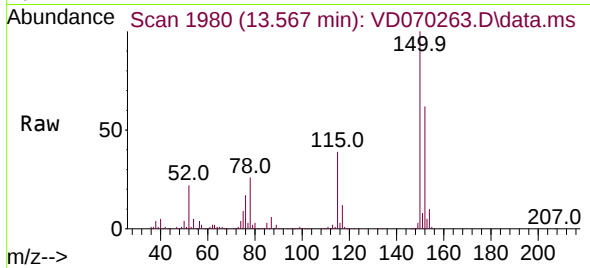




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

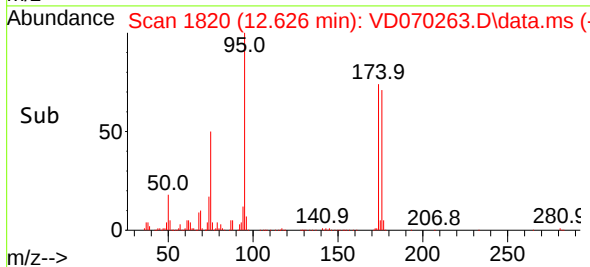
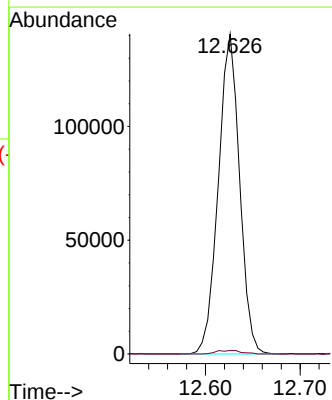
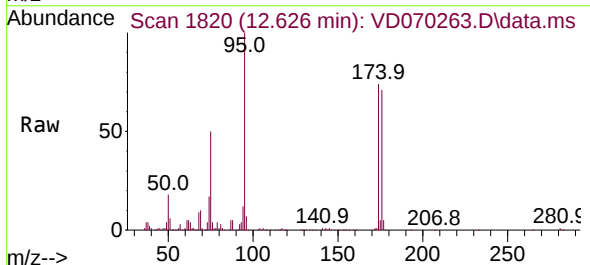
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

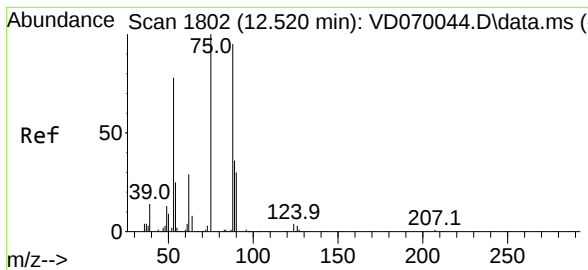
Tgt Ion:152 Resp: 435240
Ion Ratio Lower Upper
152 100
115 63.0 31.2 93.6
150 160.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 49.679 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion: 75 Resp: 219280
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.949 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070263.D
 Acq: 26 Aug 2021 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBL01

Tgt Ion: 75 Resp: 219280
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.0 33.7 50.5#

