

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070255.D
 Acq On : 25 Aug 2021 17:06
 Operator : VA/SY
 Sample : M3530-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-082421

Quant Time: Aug 26 02:45:57 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)

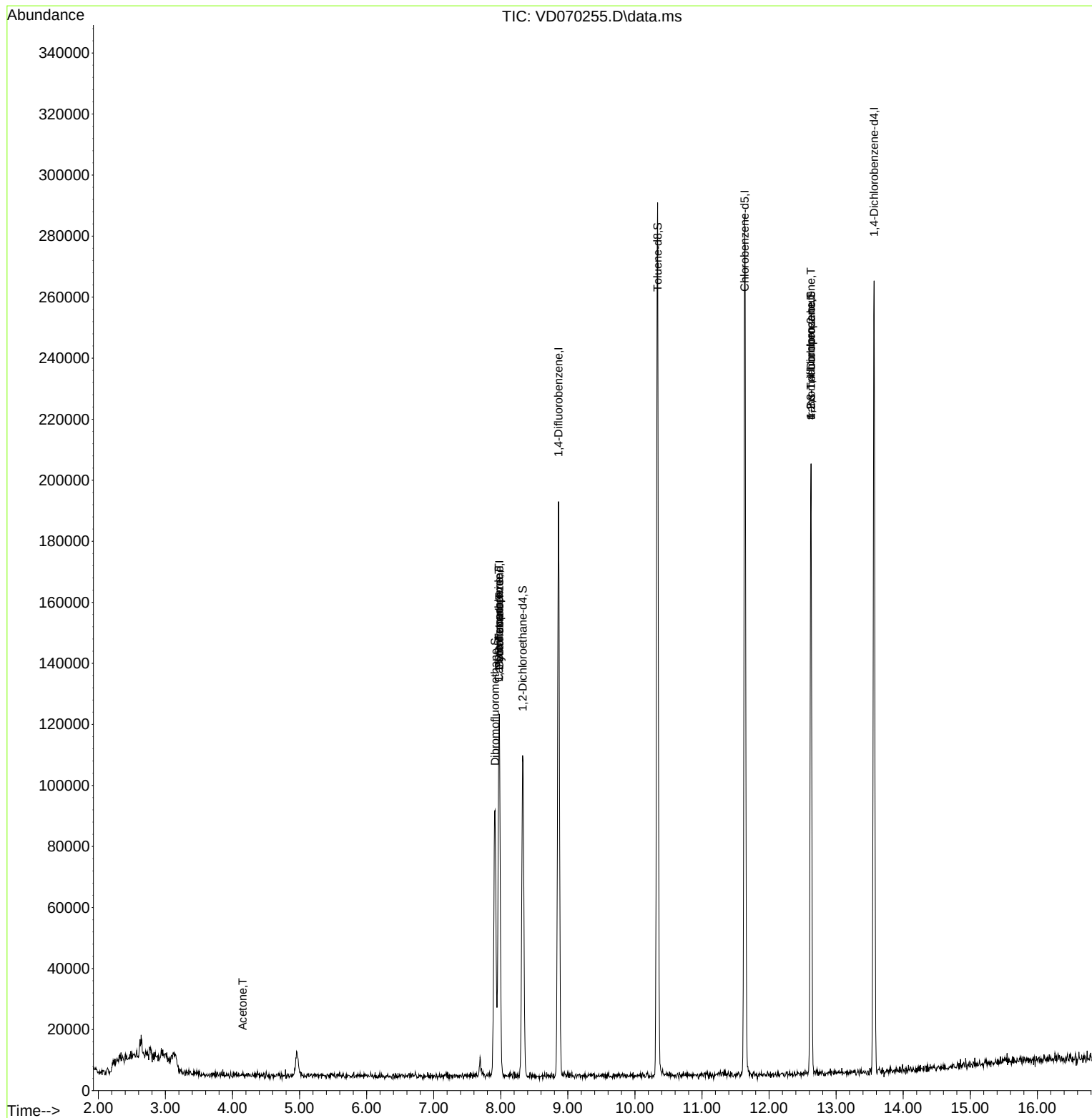
Internal Standards						
1) Pentafluorobenzene	7.979	168	84094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	156232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	166069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	68161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	82310	83.219	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 166.440%#			
35) Dibromofluoromethane	7.914	113	65640	65.031	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.060%			
50) Toluene-d8	10.338	98	201569	51.344	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.626	95	66877	51.719	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.440%			
Target Compounds						
3) Chloromethane	2.209	50	643	Below Cal	#	49
5) Bromomethane	2.785	94	1356	Below Cal	#	73
16) Acetone	4.150	43	673	3.694	ug/l #	41
20) Methylene Chloride	4.961	84	6422	Below Cal	#	96
31) Cyclohexane	7.979	56	2142	1.094	ug/l #	35
36) 1,1-Dichloropropene	7.973	75	7380	4.391	ug/l #	44
38) Carbon Tetrachloride	7.973	117	9459	6.199	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	32381	46.844	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	32381	121.591	ug/l #	17

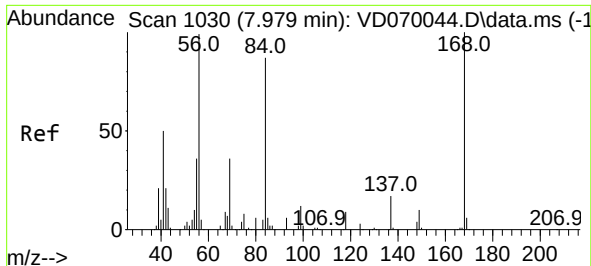
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 26 02:45:57 2021
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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

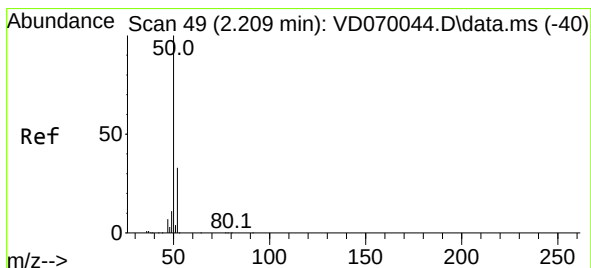
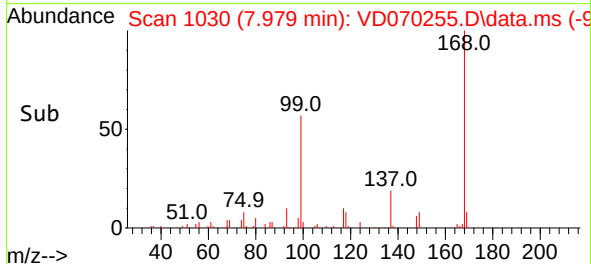
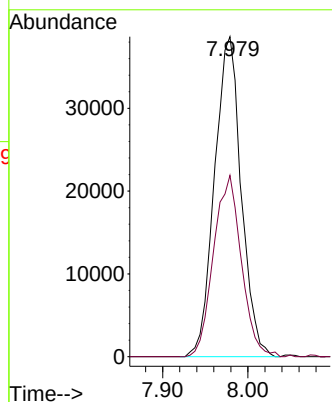
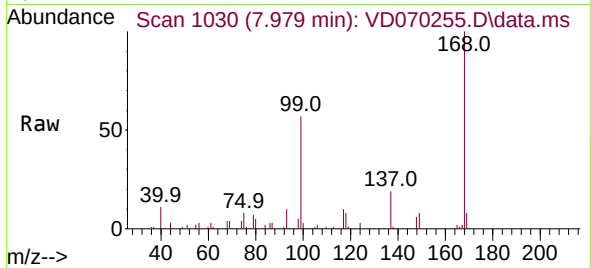




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

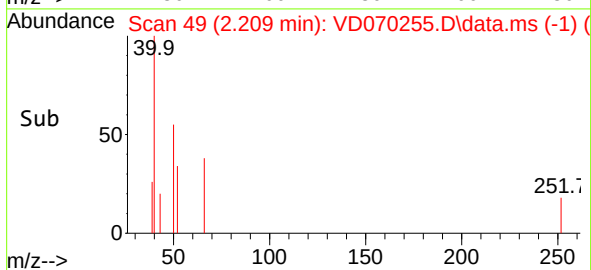
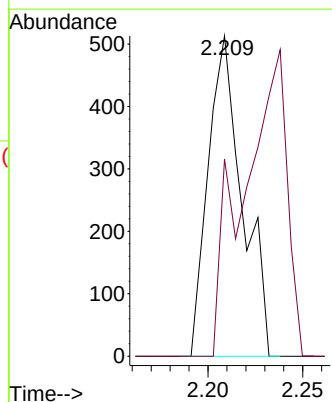
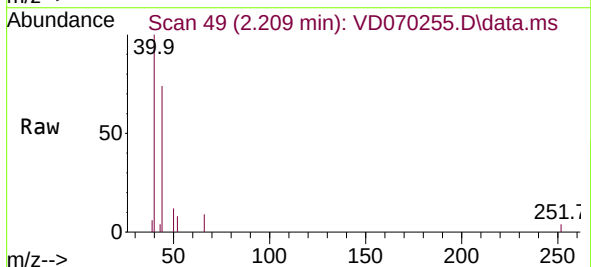
Instrument :
MSVOA_D
ClientSampleId :
PL-01-082421

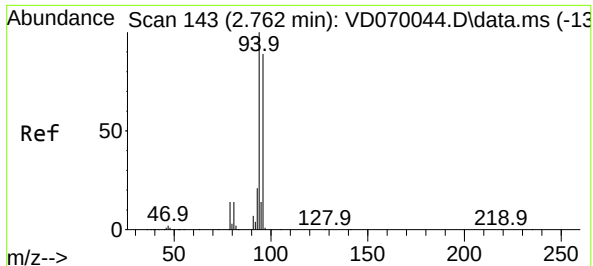
Tgt Ion:168 Resp: 84094
Ion Ratio Lower Upper
168 100
99 56.7 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 61.6 26.3 39.5#

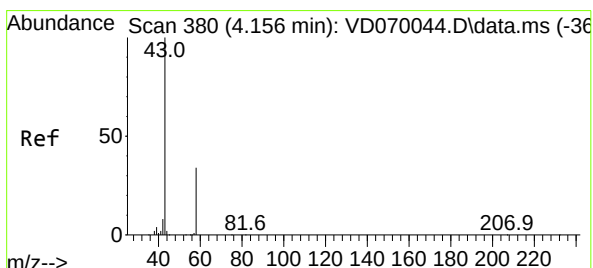
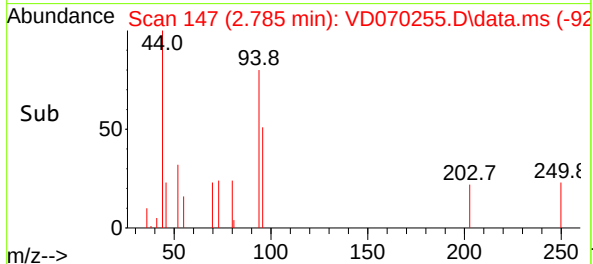
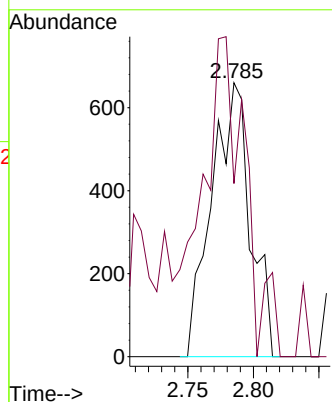
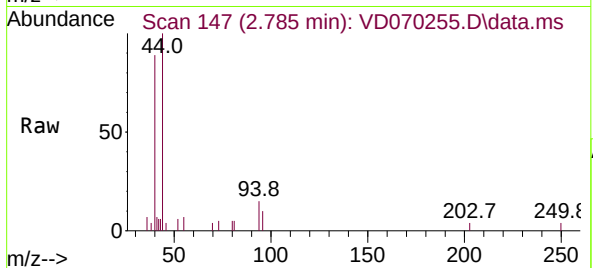




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

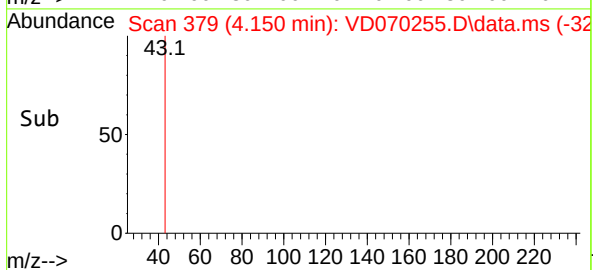
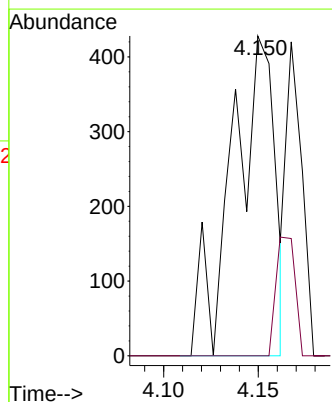
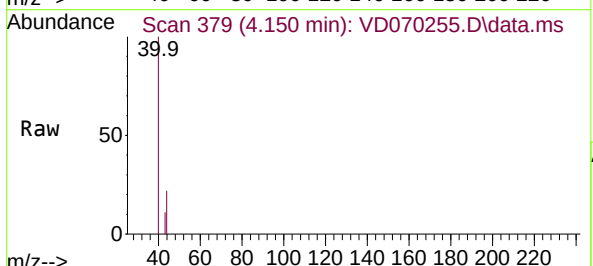
Instrument :
MSVOA_D
ClientSampleId :
PL-01-082421

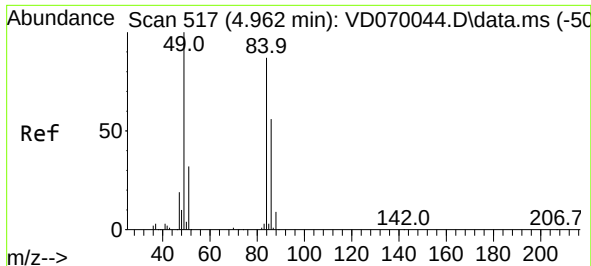
Tgt Ion: 94 Resp: 1356
Ion Ratio Lower Upper
94 100
96 63.2 70.9 106.3#



#16
Acetone
Concen: 3.694 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#

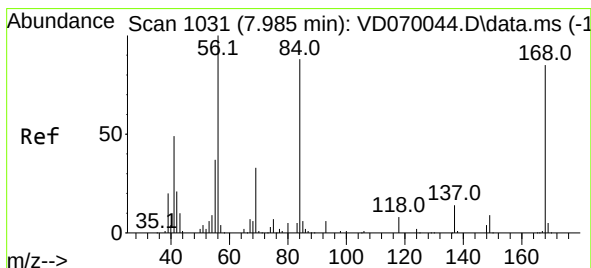
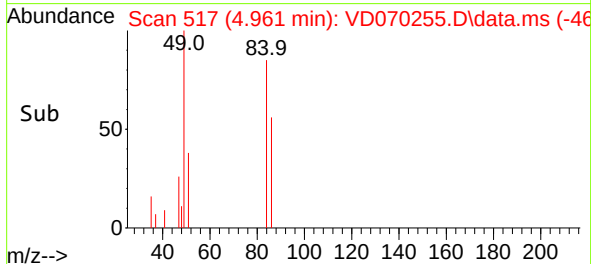
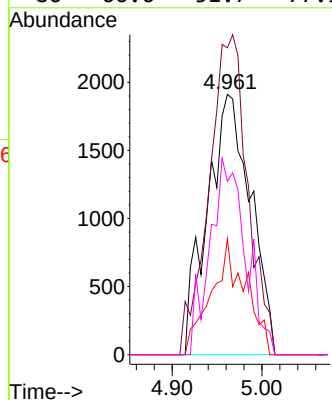
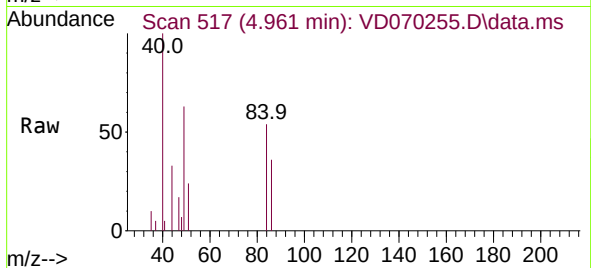




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

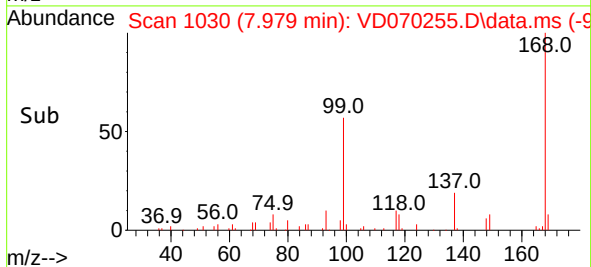
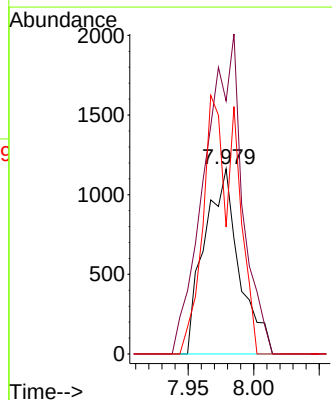
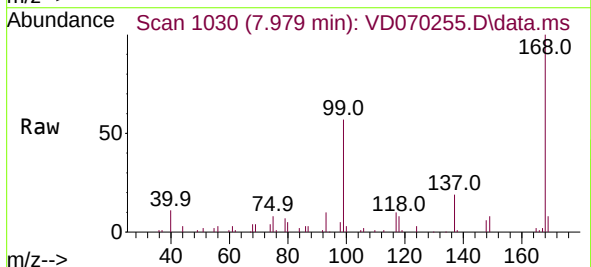
Instrument :
MSVOA_D
ClientSampleId :
PL-01-082421

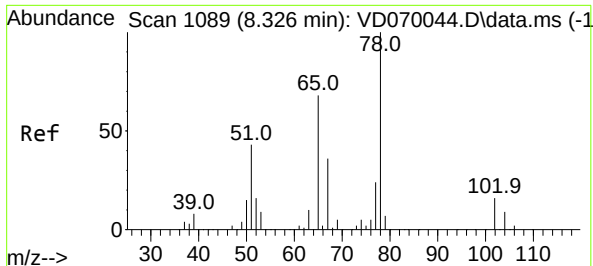
Tgt Ion:	84	Resp:	6422
Ion	Ratio	Lower	Upper
84	100		
49	117.9	92.5	138.7
51	44.6	29.7	44.5#
86	66.6	51.7	77.5



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

Tgt Ion:	56	Resp:	2142
Ion	Ratio	Lower	Upper
56	100		
69	136.7	26.7	40.1#
84	68.6	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 83.219 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070255.D

Acq: 25 Aug 2021 17:06

Tgt Ion: 65 Resp: 82310

Ion Ratio Lower Upper

65 100

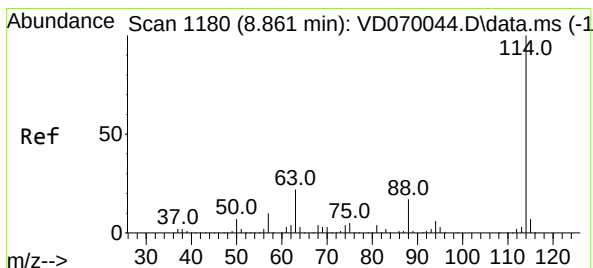
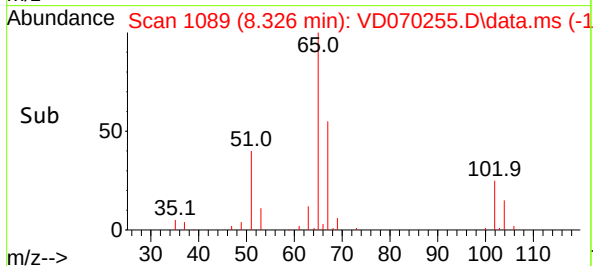
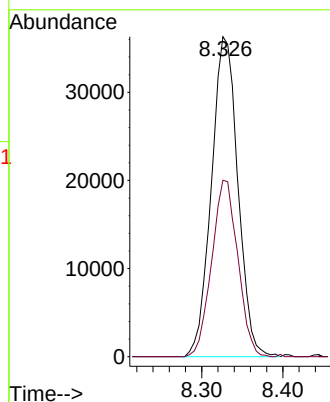
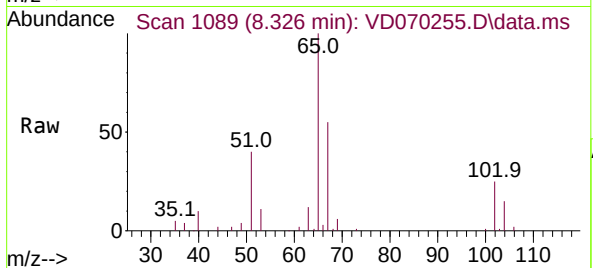
67 54.3 0.0 107.8

Instrument :

MSVOA_D

ClientSampleId :

PL-01-082421



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070255.D

Acq: 25 Aug 2021 17:06

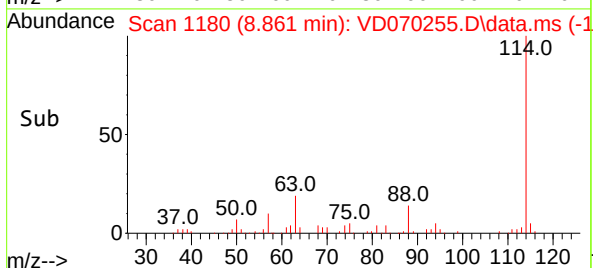
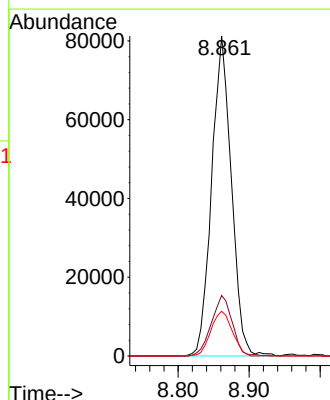
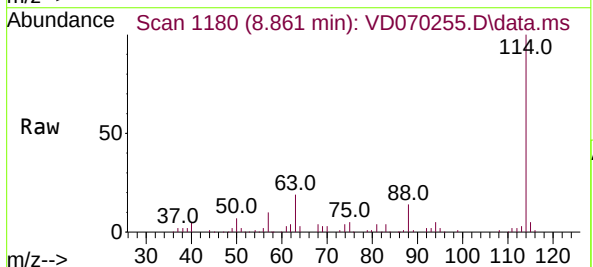
Tgt Ion: 114 Resp: 156232

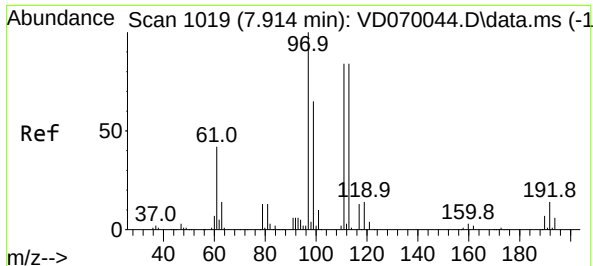
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

88 14.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 65.031 ug/l

RT: 7.914 min Scan# 1019

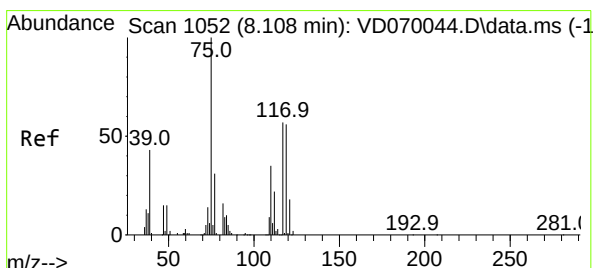
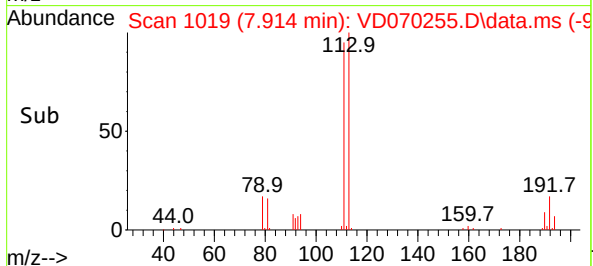
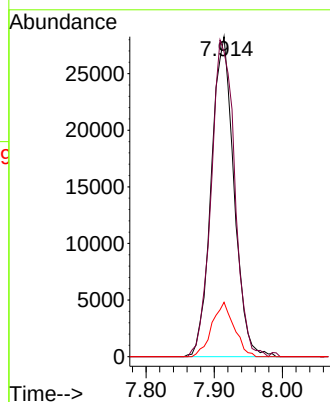
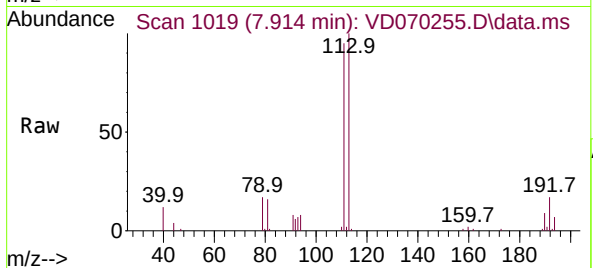
Delta R.T. -0.000 min

Lab File: VD070255.D

Acq: 25 Aug 2021 17:06

Tgt Ion:	113	Resp:	65640
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	16.7	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :
PL-01-082421



#36

1,1-Dichloropropene

Concen: 4.391 ug/l

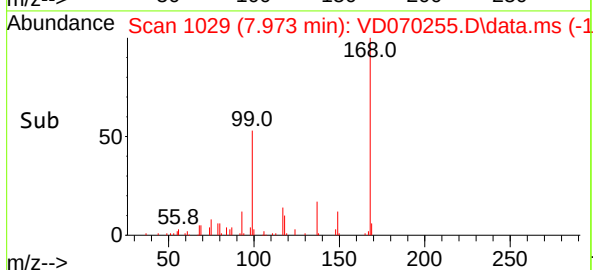
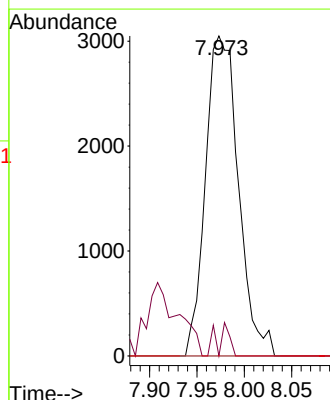
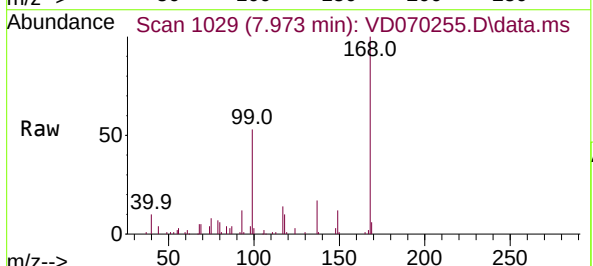
RT: 7.973 min Scan# 1029

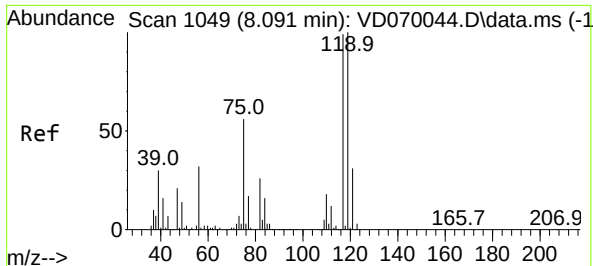
Delta R.T. -0.135 min

Lab File: VD070255.D

Acq: 25 Aug 2021 17:06

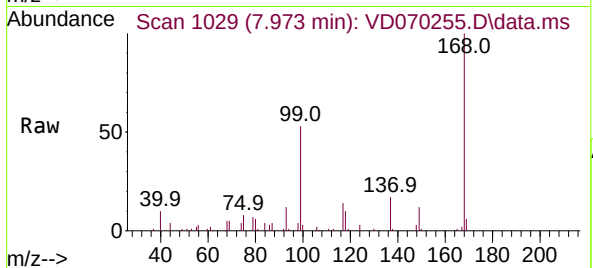
Tgt Ion:	75	Resp:	7380
Ion	Ratio	Lower	Upper
75	100		
110	2.4	16.9	50.7#
77	0.0	25.2	37.8#



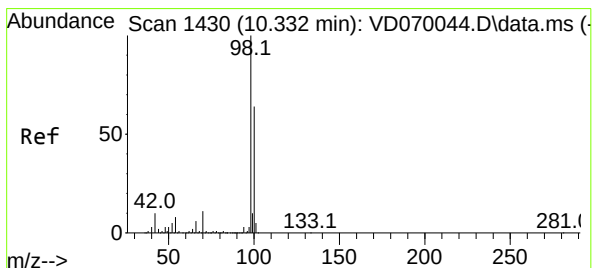
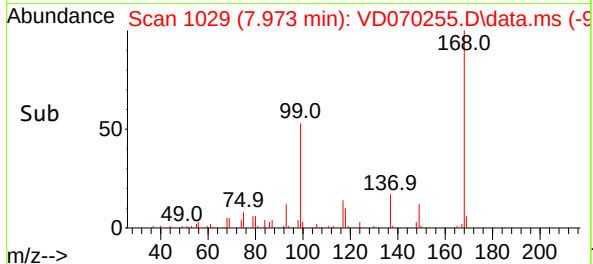
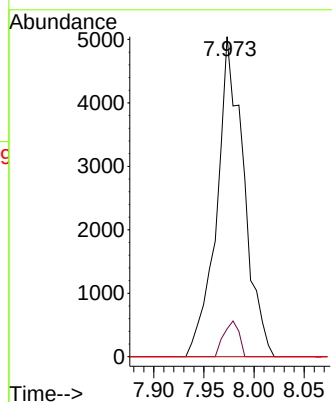


#38
Carbon Tetrachloride
Concen: 6.199 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

Instrument :
MSVOA_D
ClientSampleId :
PL-01-082421

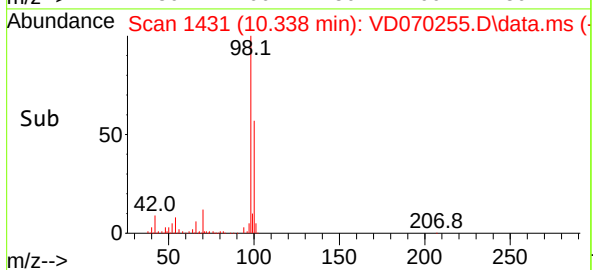
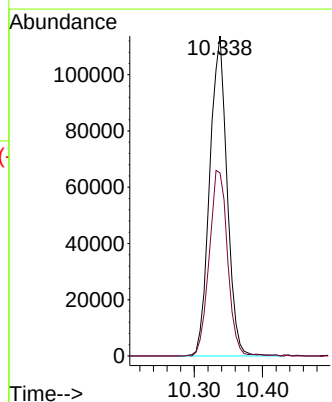
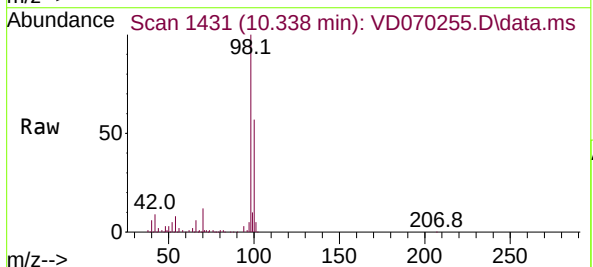


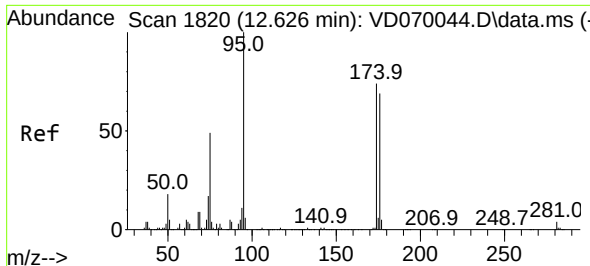
Tgt Ion:117 Resp: 9459
Ion Ratio Lower Upper
117 100
119 8.7 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.344 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

Tgt Ion: 98 Resp: 201569
Ion Ratio Lower Upper
98 100
100 61.1 52.6 78.8

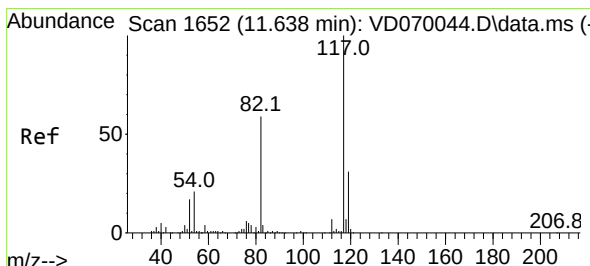
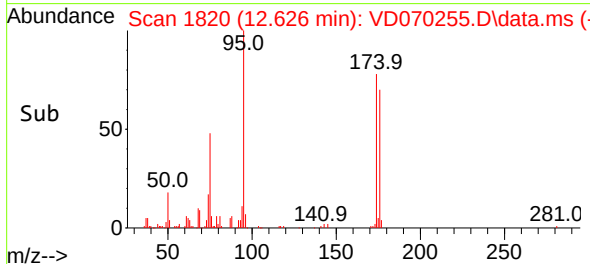
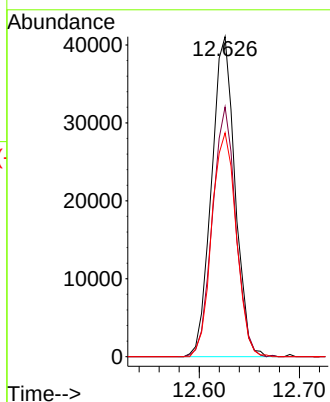
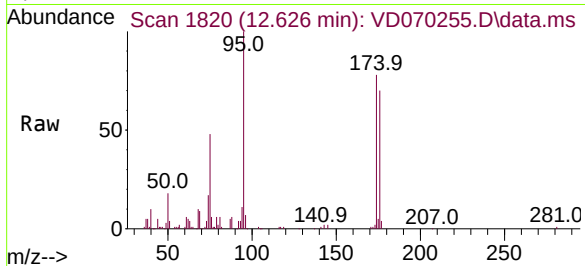




#62
4-Bromofluorobenzene
Concen: 51.719 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

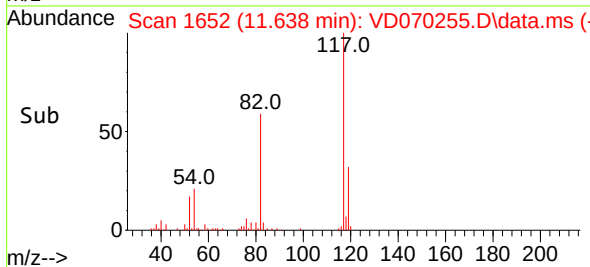
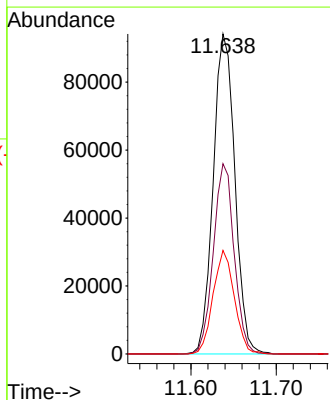
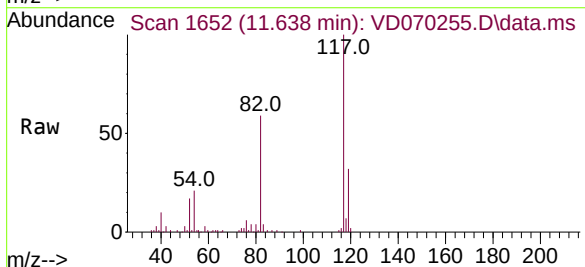
Instrument :
MSVOA_D
ClientSampleId :
PL-01-082421

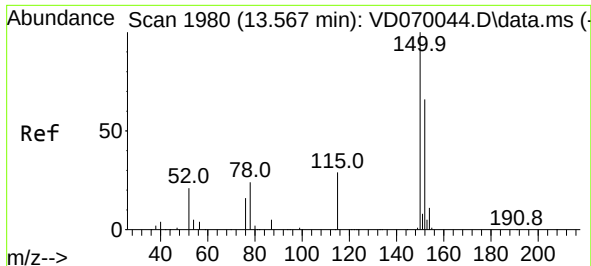
Tgt Ion:	95	Resp:	66877
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	141.6
176	72.8	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070255.D
Acq: 25 Aug 2021 17:06

Tgt Ion:	117	Resp:	166069
Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.5	71.3
119	32.3	25.1	37.7

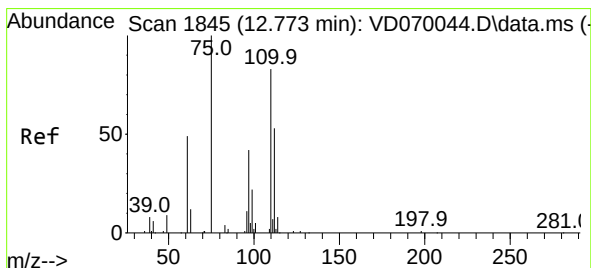
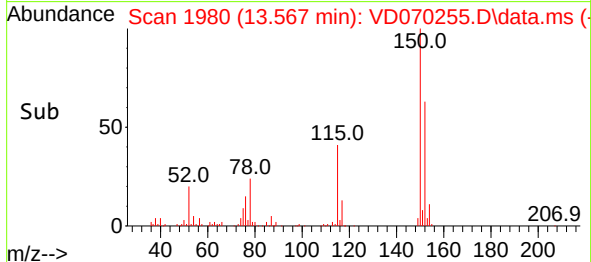
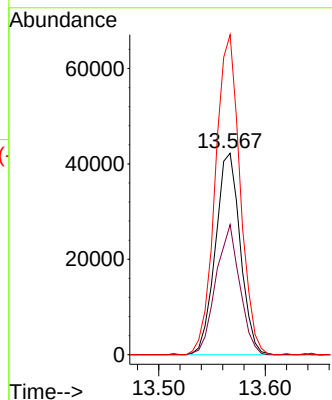
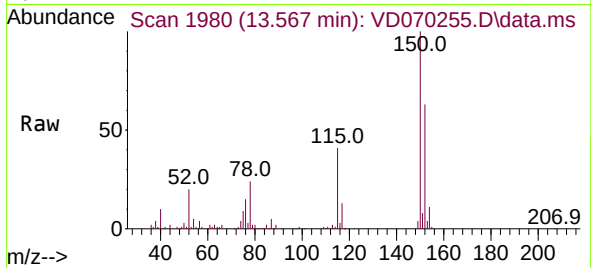




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070255.D
 Acq: 25 Aug 2021 17:06

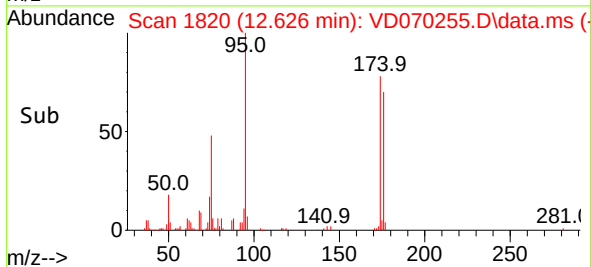
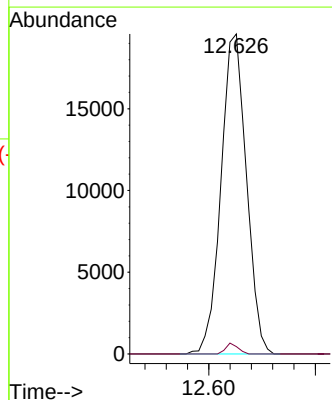
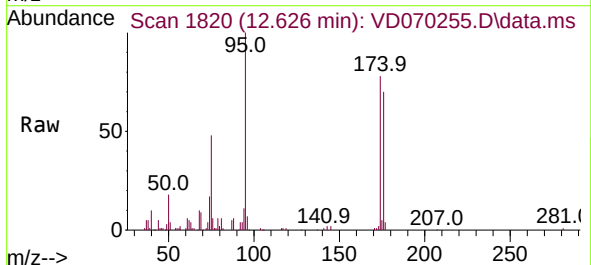
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-082421

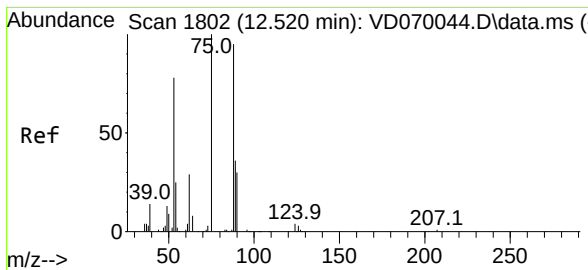
Tgt Ion:152 Resp: 68161
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.2 93.6
 150 158.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 46.844 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070255.D
 Acq: 25 Aug 2021 17:06

Tgt Ion: 75 Resp: 32381
 Ion Ratio Lower Upper
 75 100
 77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.591 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070255.D
 Acq: 25 Aug 2021 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-082421

Tgt Ion: 75 Resp: 32381
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 33.7 50.5#

