

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070254.D
 Acq On : 25 Aug 2021 16:37
 Operator : VA/SY
 Sample : M3524-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-3

Quant Time: Aug 26 02:45:47 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)

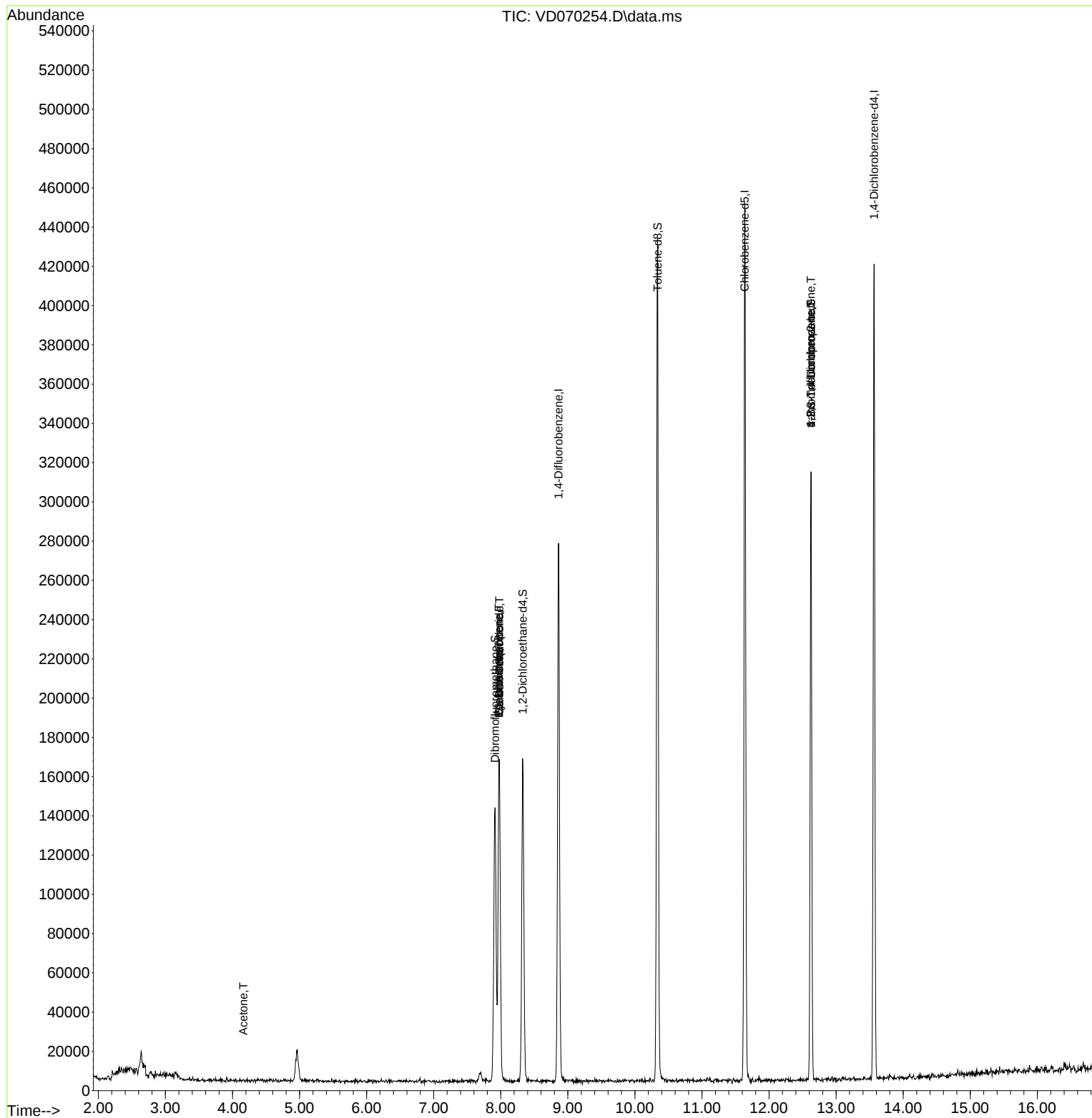
Internal Standards						
1) Pentafluorobenzene	7.973	168	118400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	226492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	259134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	110289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125633	90.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 180.440%#			
35) Dibromofluoromethane	7.914	113	105773	72.285	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 144.560%			
50) Toluene-d8	10.338	98	300358	52.774	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.626	95	103508	55.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.440%			
Target Compounds						
3) Chloromethane	2.215	50	547	Below Cal	#	82
5) Bromomethane	2.779	94	1240	Below Cal		84
16) Acetone	4.162	43	968	3.773	ug/l #	41
20) Methylene Chloride	4.961	84	12315	Below Cal	#	83
31) Cyclohexane	7.973	56	3561	1.292	ug/l #	12
36) 1,1-Dichloropropene	7.973	75	11795	4.841	ug/l #	50
38) Carbon Tetrachloride	7.979	117	12297	5.559	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	51436	45.987	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	51436	119.366	ug/l #	18

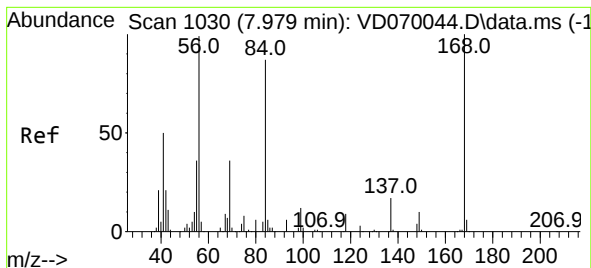
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
Data File : VD070254.D
Acq On : 25 Aug 2021 16:37
Operator : VA/SY
Sample : M3524-03
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PE-3

Quant Time: Aug 26 02:45:47 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

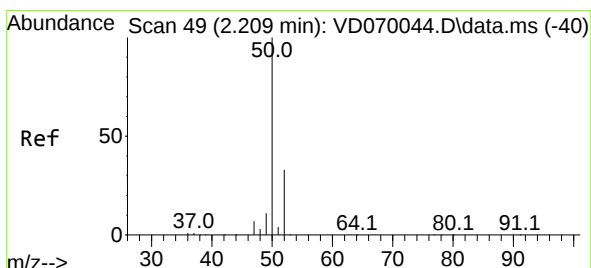
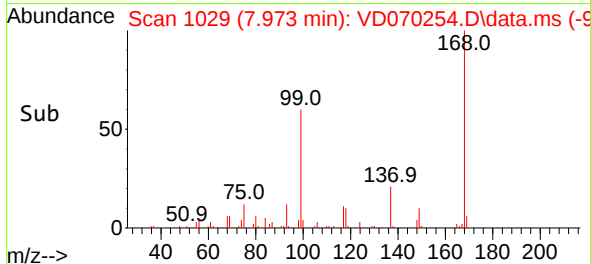
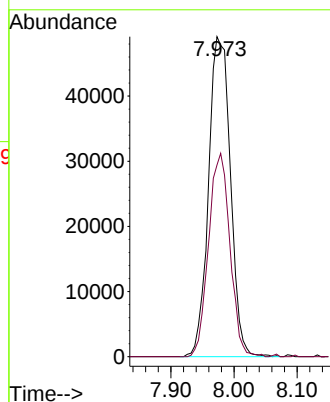
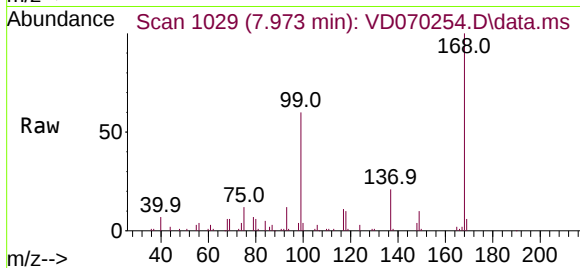




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

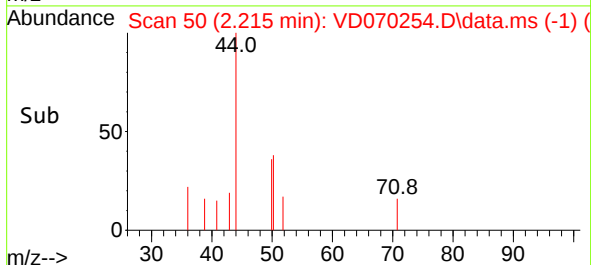
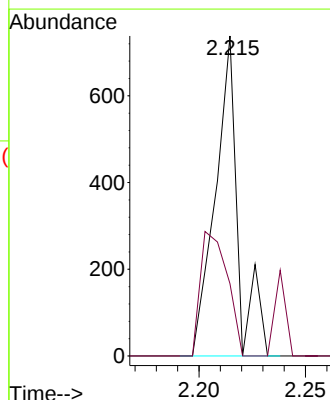
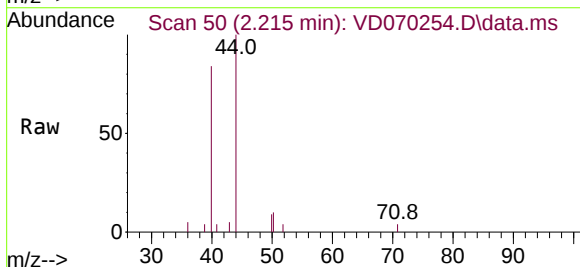
Instrument :
MSVOA_D
ClientSampled :
PE-3

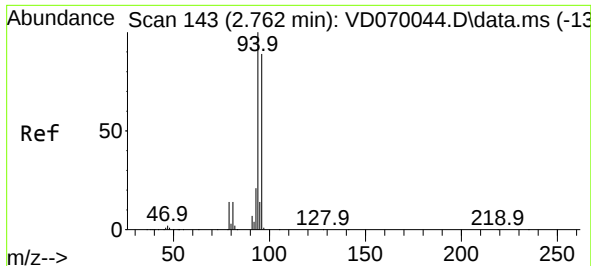
Tgt Ion:168 Resp: 118400
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion: 50 Resp: 547
Ion Ratio Lower Upper
50 100
52 22.6 26.3 39.5#

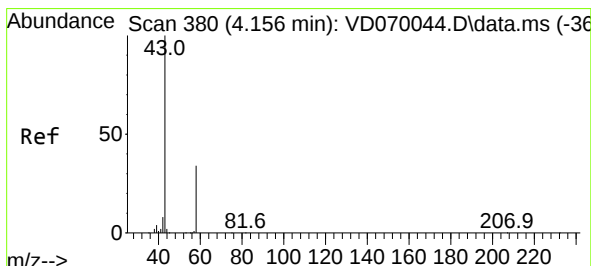
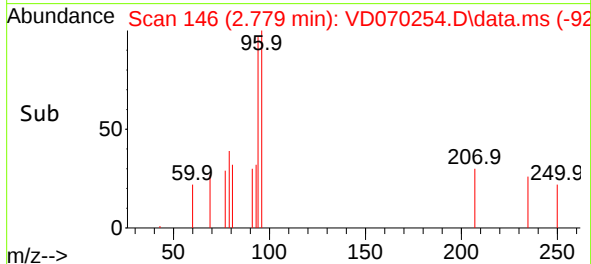
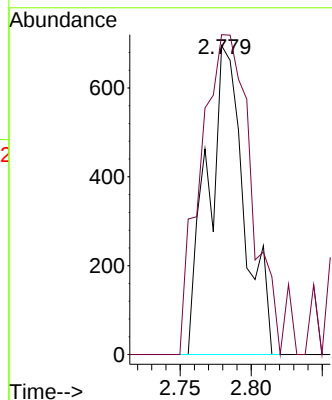
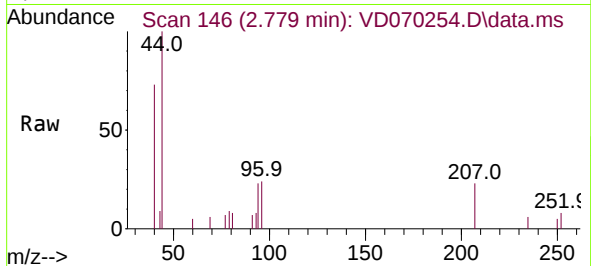




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

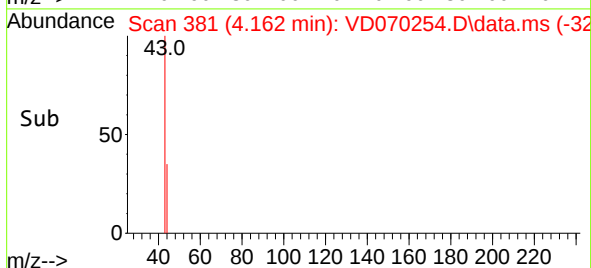
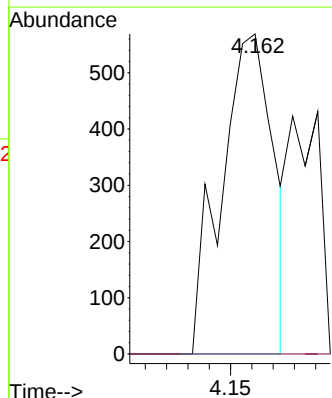
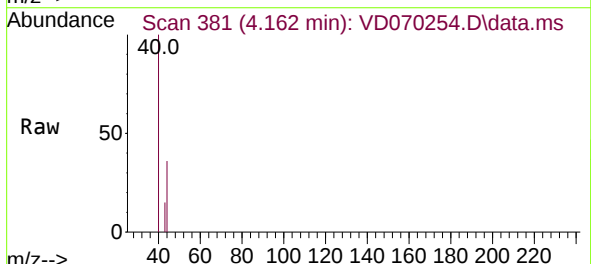
Instrument :
MSVOA_D
ClientSampled :
PE-3

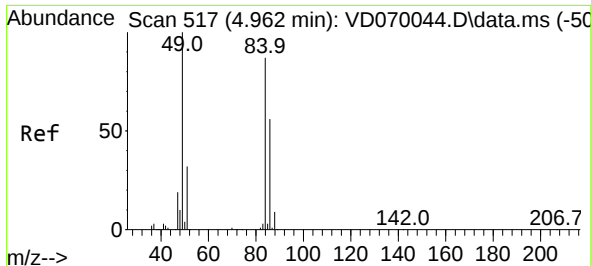
Tgt Ion: 94 Resp: 1240
Ion Ratio Lower Upper
94 100
96 103.6 70.9 106.3



#16
Acetone
Concen: 3.773 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion: 43 Resp: 968
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: VD070254.D

Acq: 25 Aug 2021 16:37

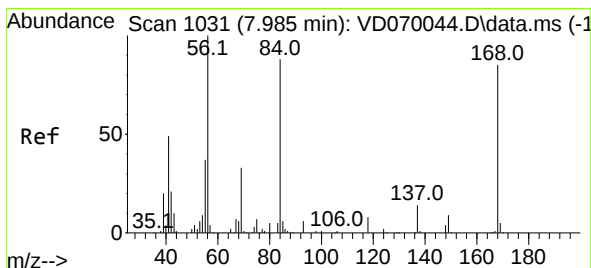
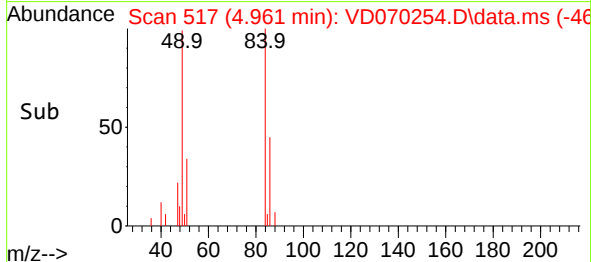
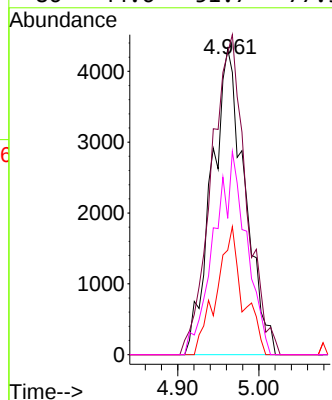
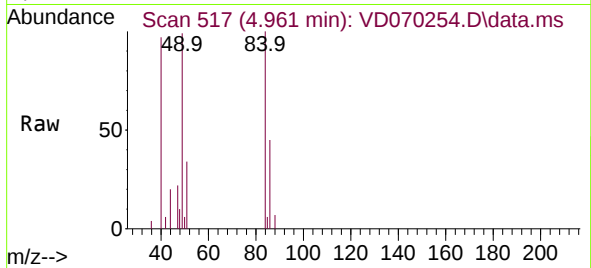
Instrument :

MSVOA_D

ClientSampled :

PE-3

Tgt Ion:	84	Resp:	12315
Ion	Ratio	Lower	Upper
84	100		
49	98.8	92.5	138.7
51	34.2	29.7	44.5
86	44.6	51.7	77.5#



#31

Cyclohexane

Concen: 1.292 ug/l

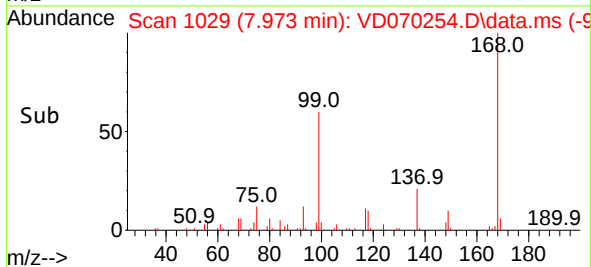
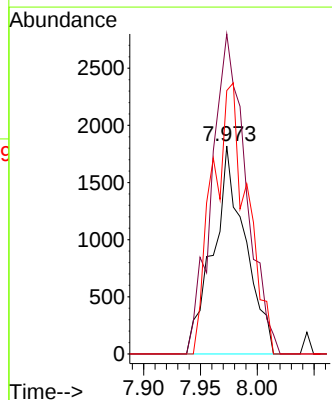
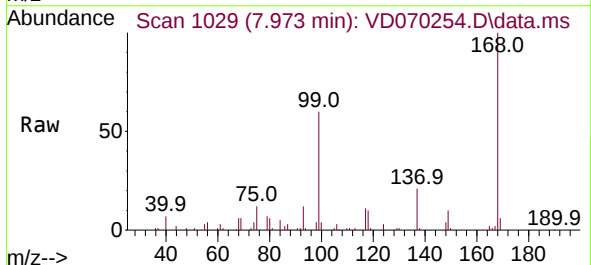
RT: 7.973 min Scan# 1029

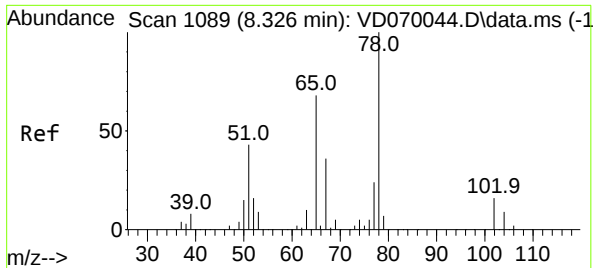
Delta R.T. -0.012 min

Lab File: VD070254.D

Acq: 25 Aug 2021 16:37

Tgt Ion:	56	Resp:	3561
Ion	Ratio	Lower	Upper
56	100		
69	153.8	26.7	40.1#
84	126.6	70.4	105.6#

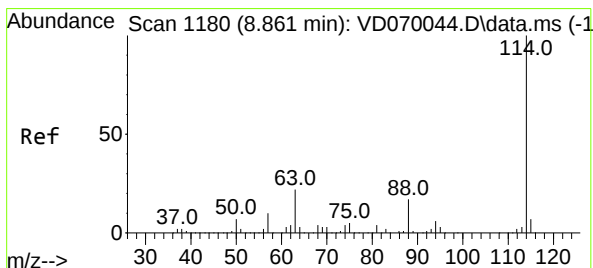
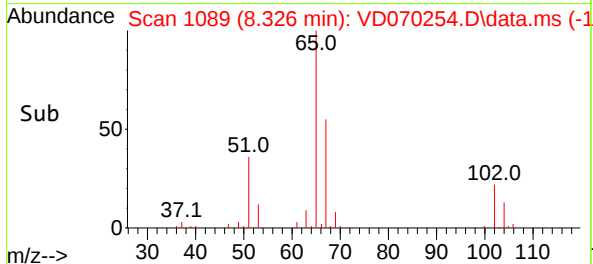
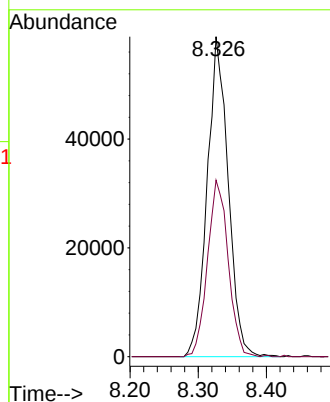
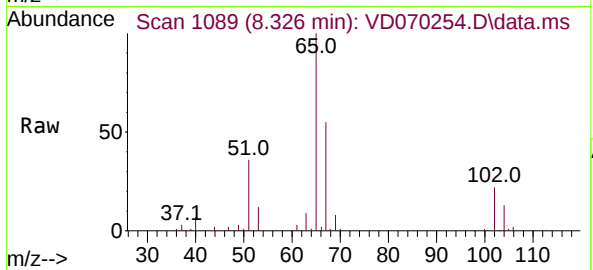




#33
1,2-Dichloroethane-d4
Concen: 90.217 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

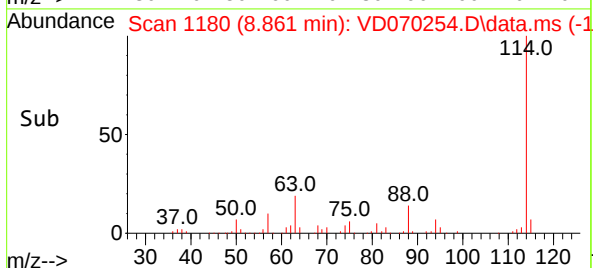
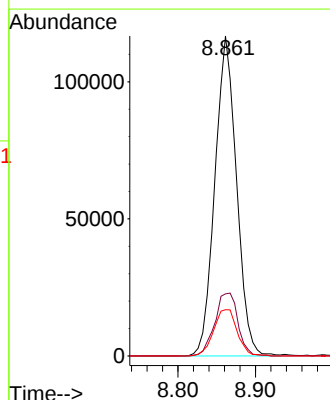
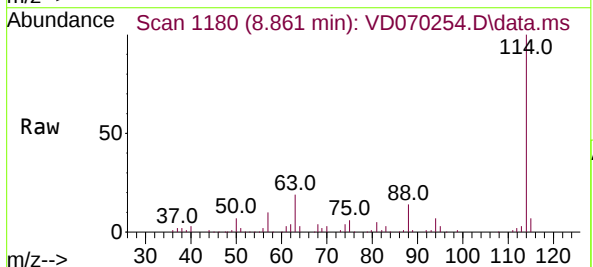
Instrument :
MSVOA_D
ClientSampled :
PE-3

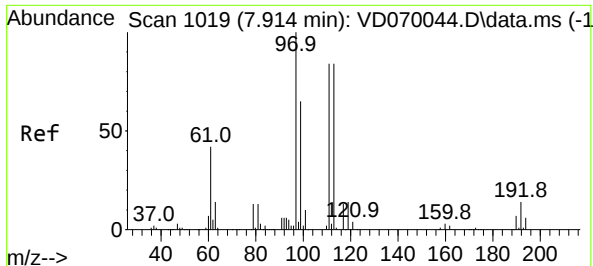
Tgt Ion: 65 Resp: 125633
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion:114 Resp: 226492
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.6
88 14.4 0.0 33.4

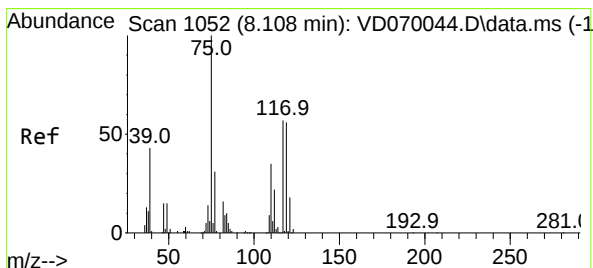
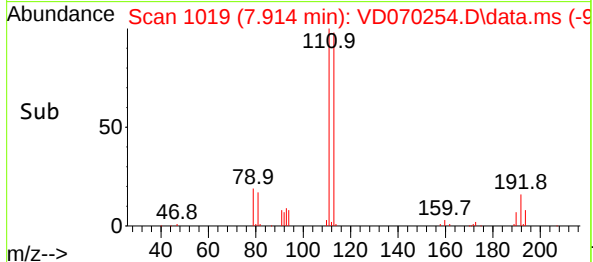
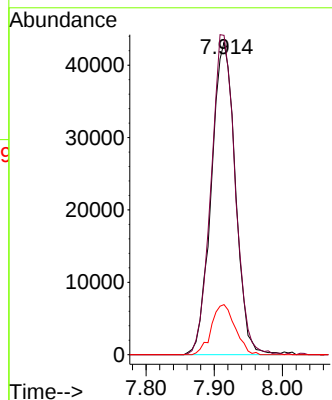
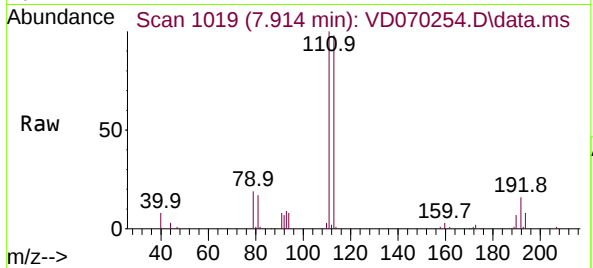




#35
Dibromofluoromethane
Concen: 72.285 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

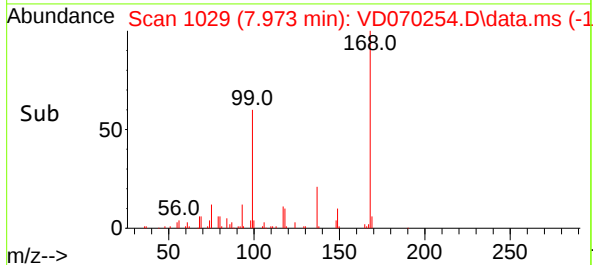
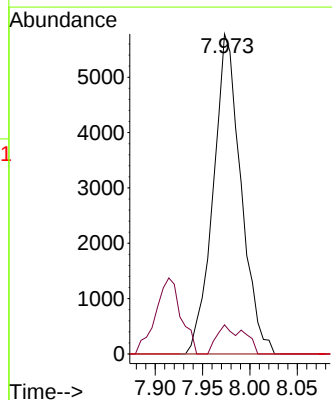
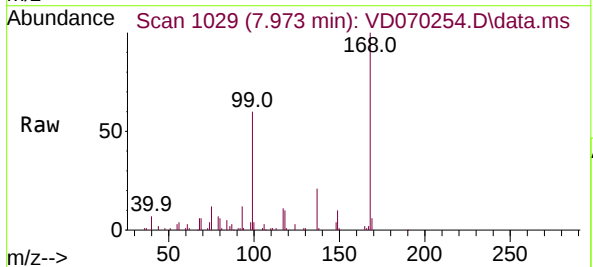
Instrument :
MSVOA_D
ClientSampled :
PE-3

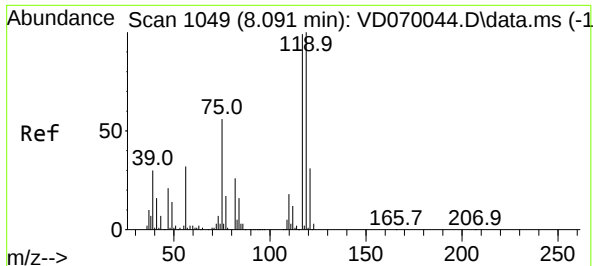
Tgt Ion:113 Resp: 105773
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 15.8 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.841 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion: 75 Resp: 11795
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.7#
77 0.0 25.2 37.8#

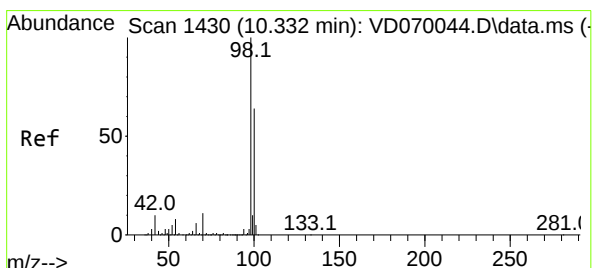
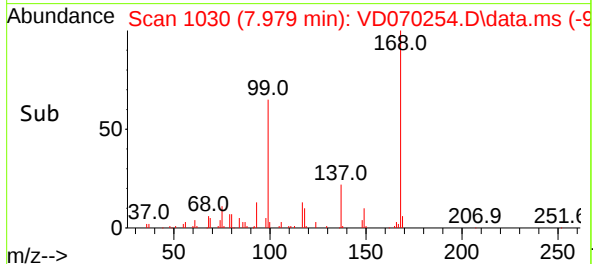
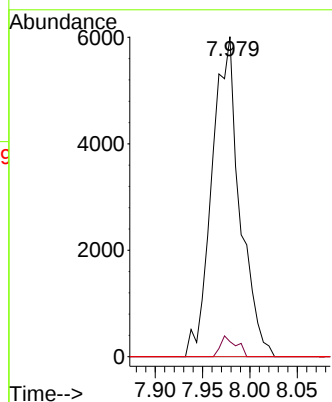
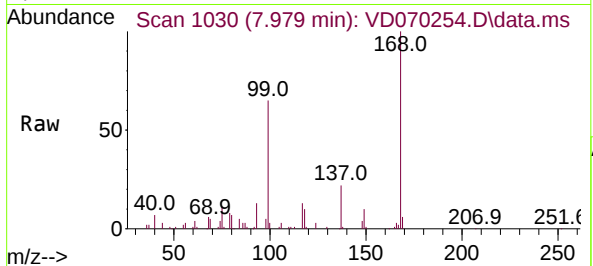




#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

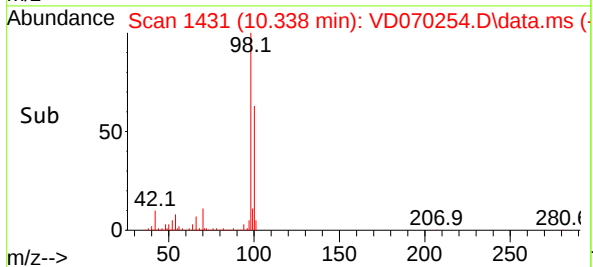
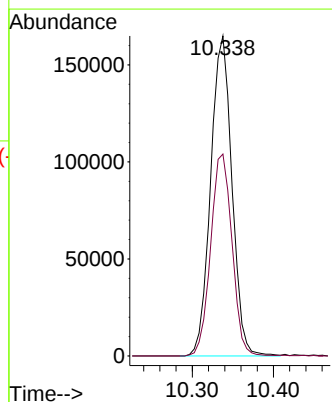
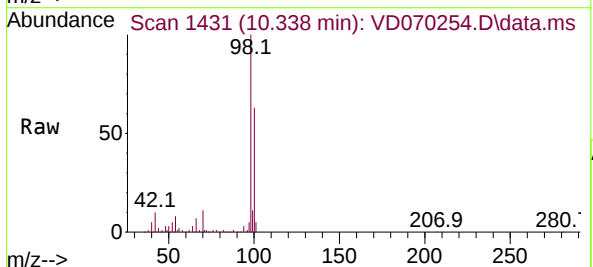
Instrument :
MSVOA_D
ClientSampleId :
PE-3

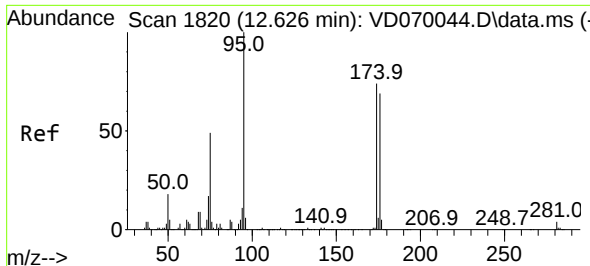
Tgt Ion:117 Resp: 12297
Ion Ratio Lower Upper
117 100
119 4.7 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.774 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion: 98 Resp: 300358
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

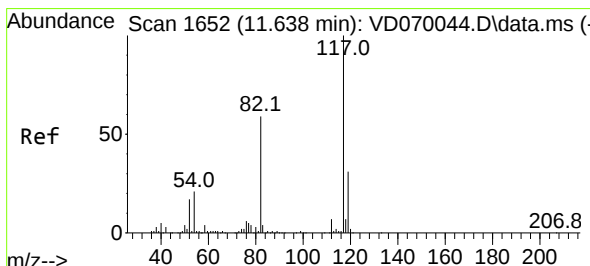
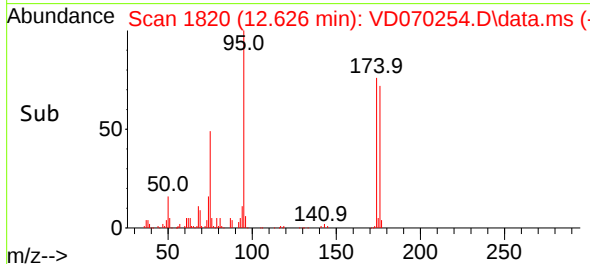
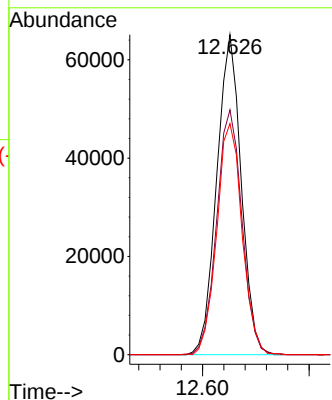
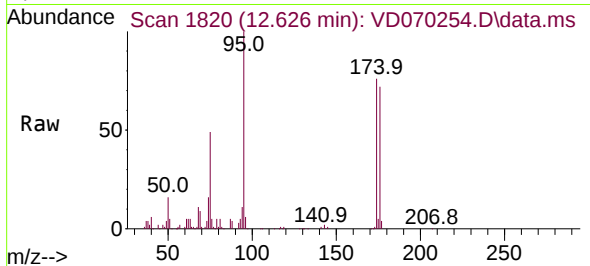




#62
4-Bromofluorobenzene
Concen: 55.216 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

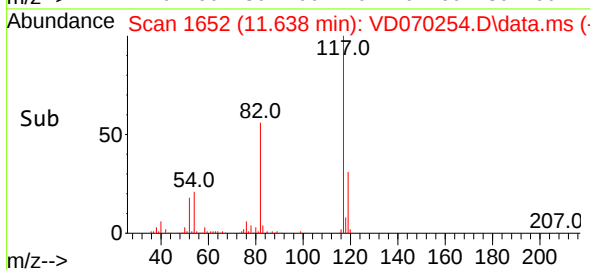
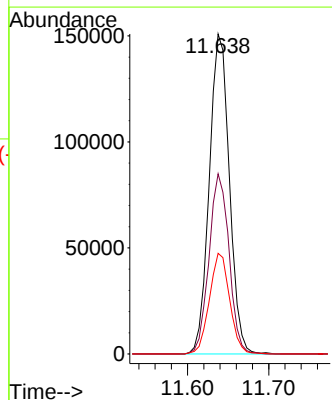
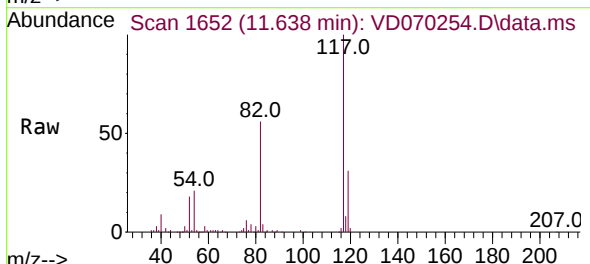
Instrument :
MSVOA_D
ClientSampleId :
PE-3

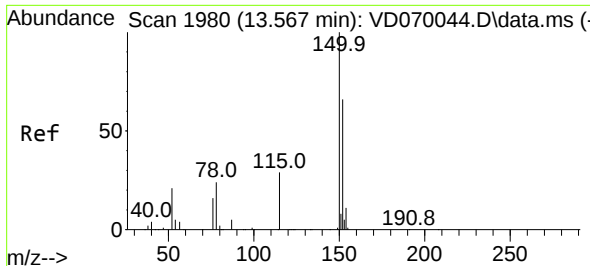
Tgt Ion: 95 Resp: 103508
Ion Ratio Lower Upper
95 100
174 79.2 0.0 141.6
176 74.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion: 117 Resp: 259134
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 31.4 25.1 37.7

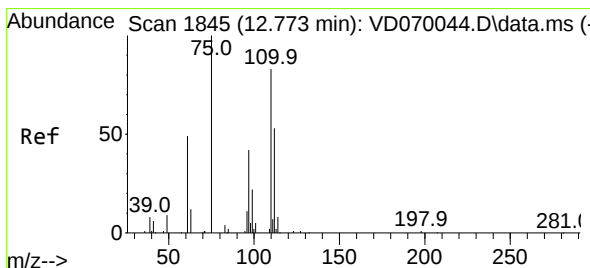
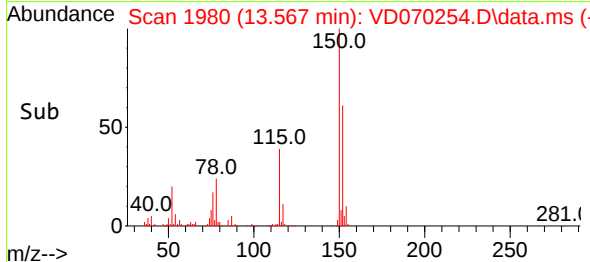
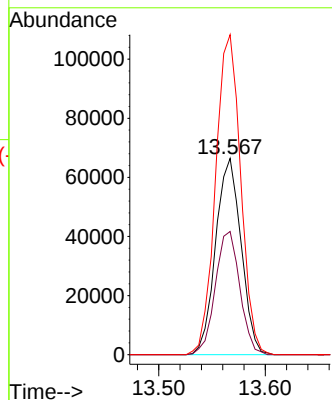
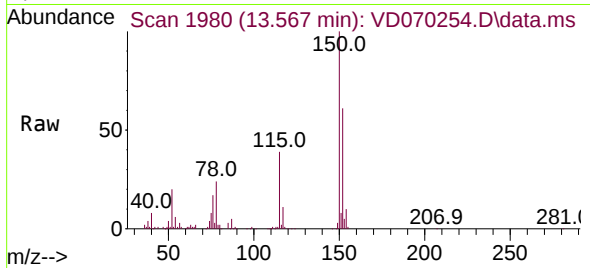




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070254.D
 Acq: 25 Aug 2021 16:37

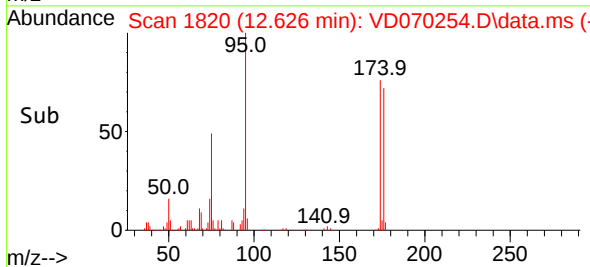
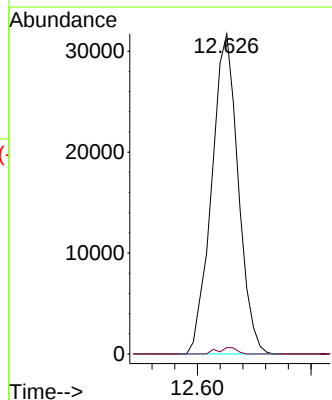
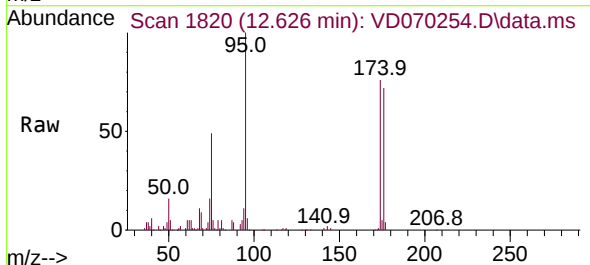
Instrument :
 MSVOA_D
 ClientSampled :
 PE-3

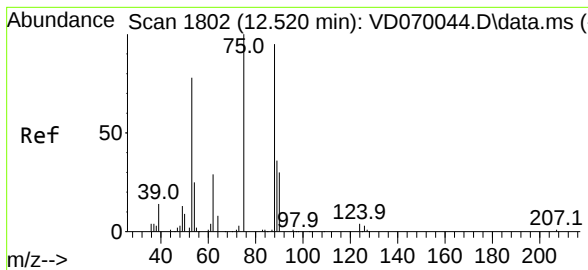
Tgt Ion:152 Resp: 110289
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.2 93.6
 150 160.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 45.987 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070254.D
 Acq: 25 Aug 2021 16:37

Tgt Ion: 75 Resp: 51436
 Ion Ratio Lower Upper
 75 100
 77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.366 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070254.D
 Acq: 25 Aug 2021 16:37

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-3

Tgt Ion:	75	Resp:	51436
Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.5	96.7#
89	0.0	33.7	50.5#

