

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073119.D
 Acq On : 19 May 2022 02:46
 Operator : VA/SY
 Sample : N2856-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS014-0006-01

Quant Time: May 19 04:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

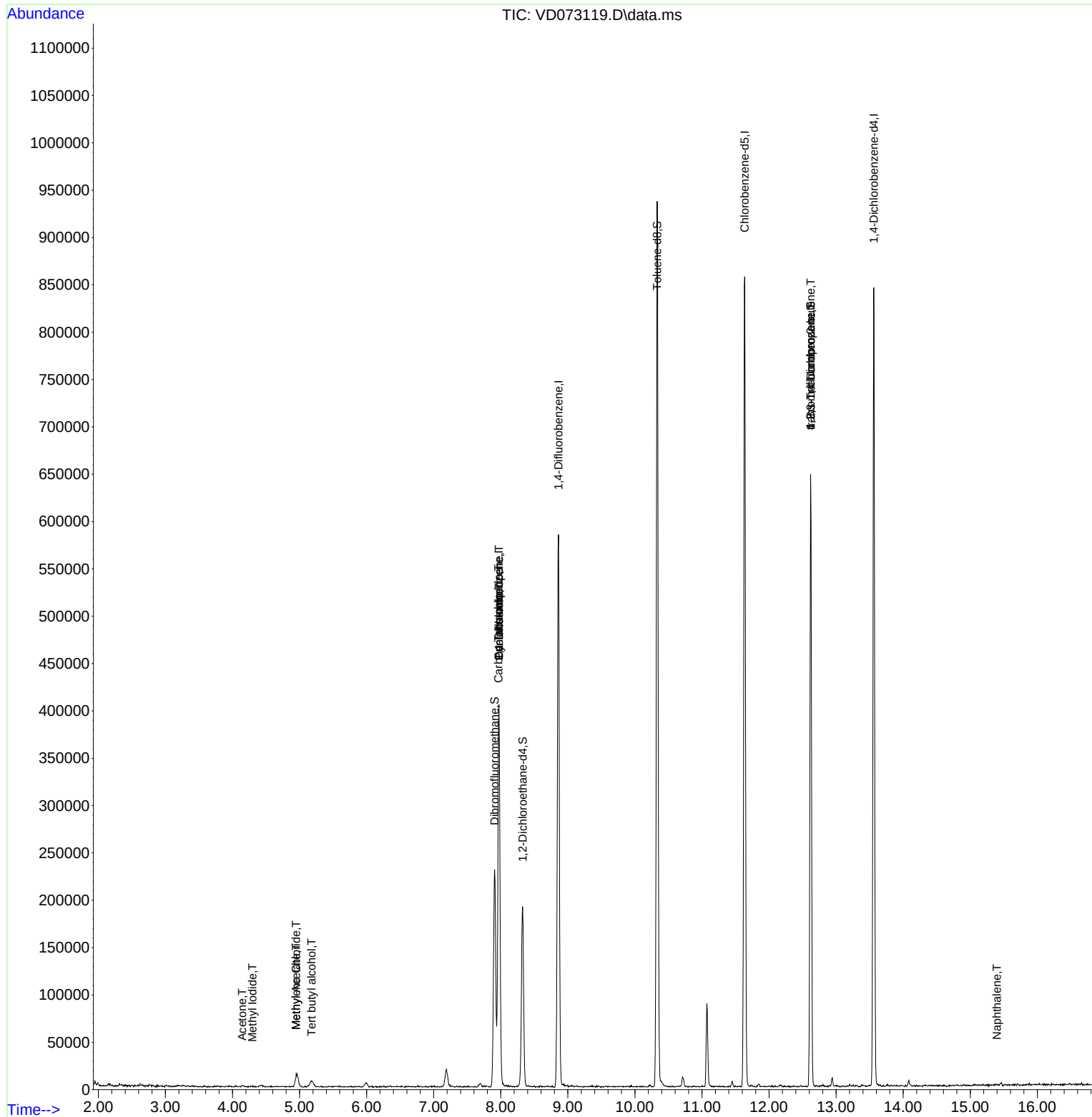
Internal Standards						
1) Pentafluorobenzene	7.973	168	279935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	495485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	507166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151016	43.138	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.280%		
35) Dibromofluoromethane	7.908	113	167399	48.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.332	98	621690	49.260	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.620	95	211598	46.290	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.580%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	174	4.318	ug/l #	19
11) Tert butyl alcohol	5.179	59	6177	11.407	ug/l #	74
16) Acetone	4.144	43	1061	1.675	ug/l	91
18) Methyl Acetate	4.950	43	85	1.503	ug/l #	55
20) Methylene Chloride	4.950	84	10478	2.279	ug/l	84
31) Cyclohexane	7.973	56	7383	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24598	4.339	ug/l #	52
38) Carbon Tetrachloride	7.967	117	31339	5.404	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	109394	43.586	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	109394	104.508	ug/l #	7
95) Naphthalene	15.396	128	541	4.317	ug/l #	70

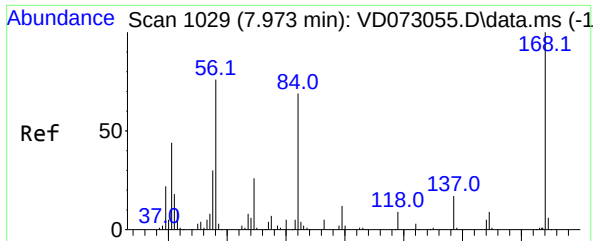
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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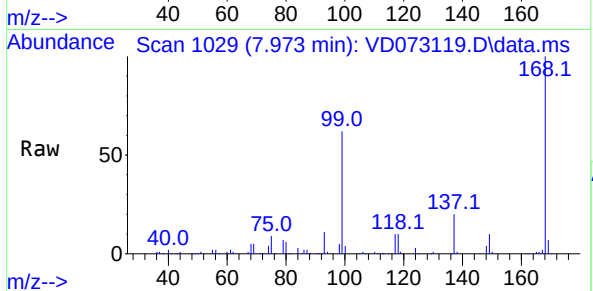
Quant Time: May 19 04:55:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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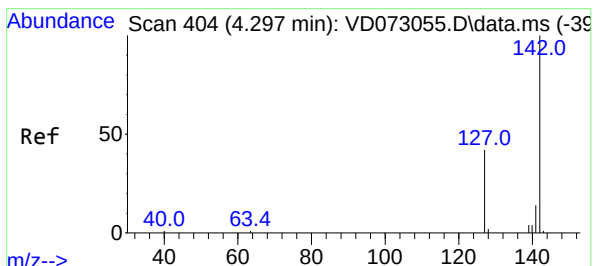
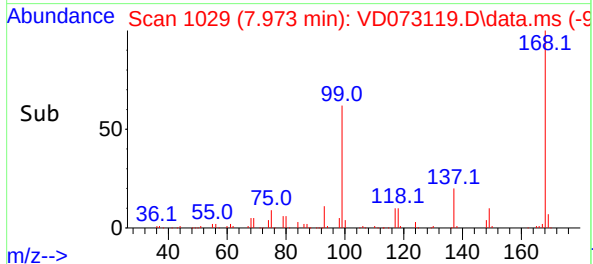
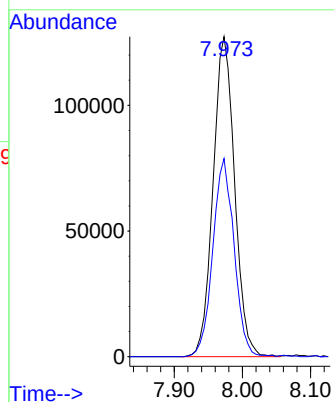


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

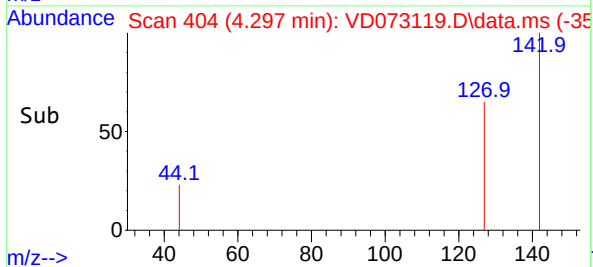
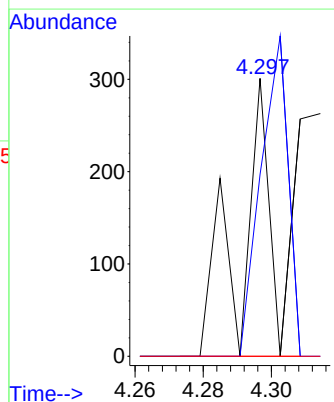
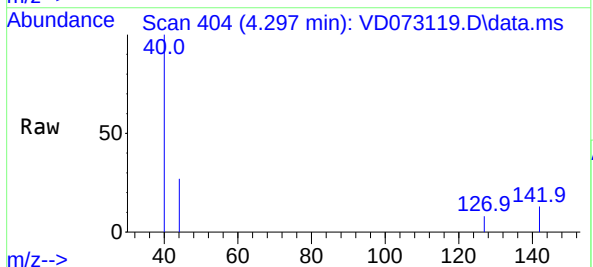


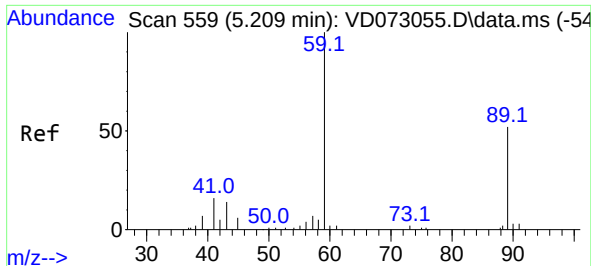
Tgt Ion:168 Resp: 279935
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#10
Methyl Iodide
Concen: 4.318 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
142 100
127 110.3 37.3 55.9#
141 0.0 11.7 17.5#

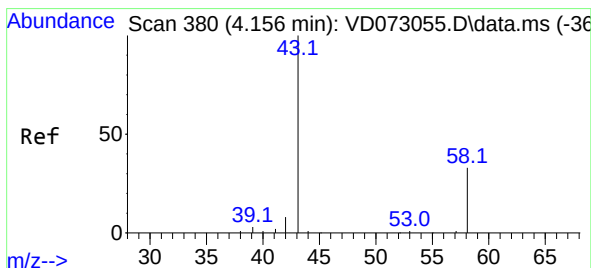
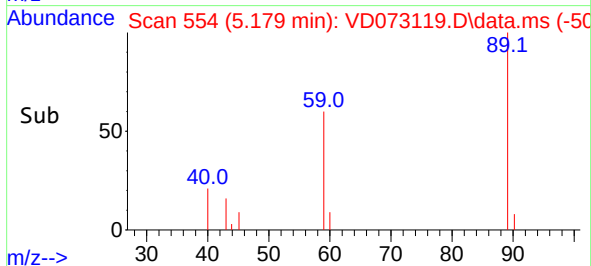
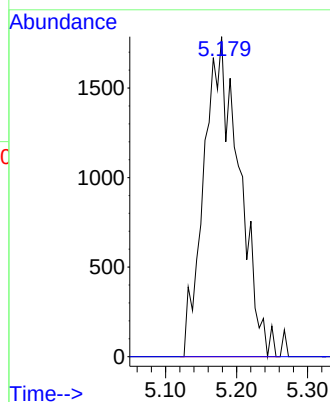
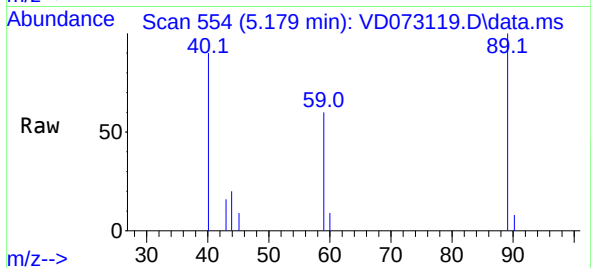




#11
Tert butyl alcohol
Concen: 11.407 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

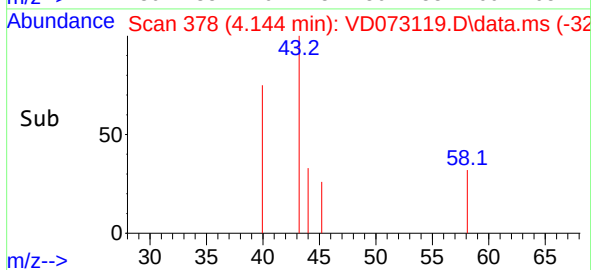
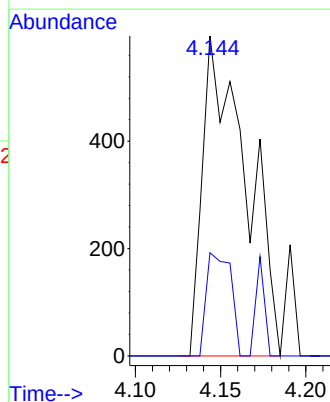
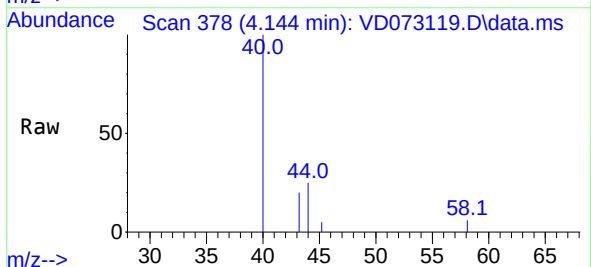
Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

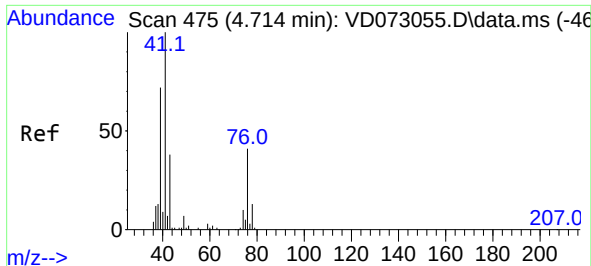
Tgt Ion: 59 Resp: 6177
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.675 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1





#18

Methyl Acetate

Concen: 1.503 ug/l

RT: 4.950 min Scan# 515

Delta R.T. 0.236 min

Lab File: VD073119.D

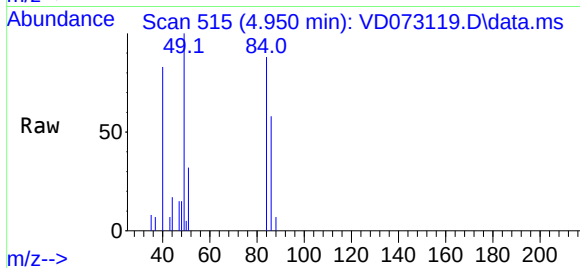
Acq: 19 May 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

P007-SS014-0006-01

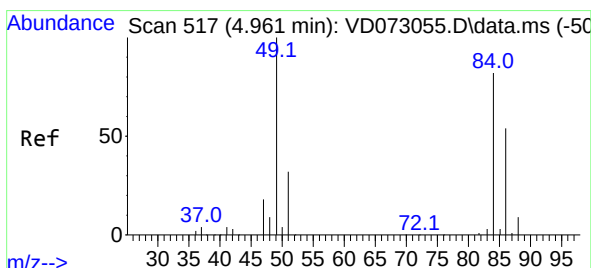
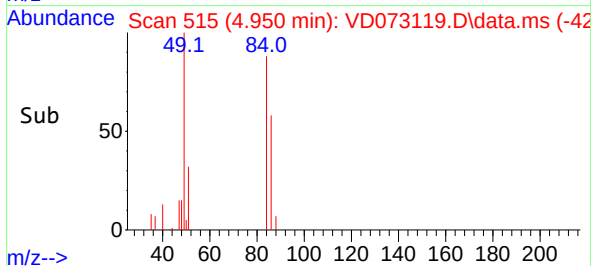
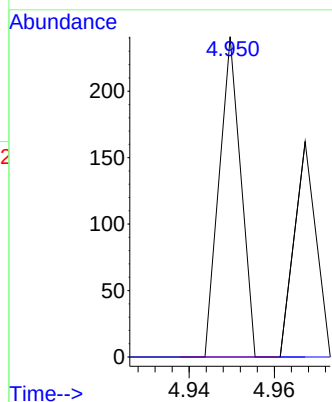


Tgt Ion: 43 Resp: 85

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: 2.279 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.012 min

Lab File: VD073119.D

Acq: 19 May 2022 02:46

Tgt Ion: 84 Resp: 10478

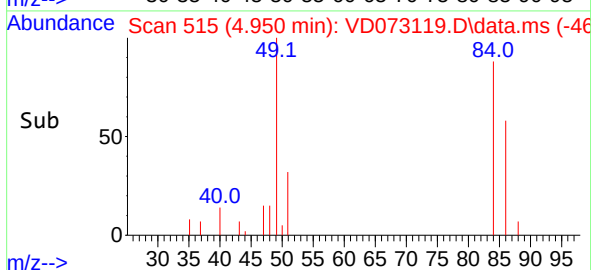
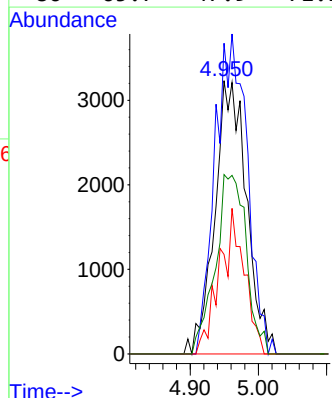
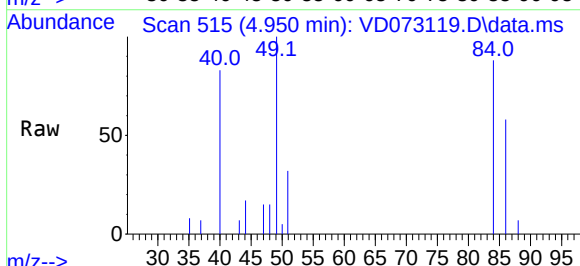
Ion Ratio Lower Upper

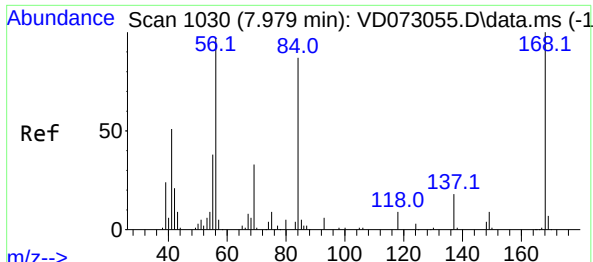
84 100

49 113.7 112.8 169.2

51 36.4 32.6 48.8

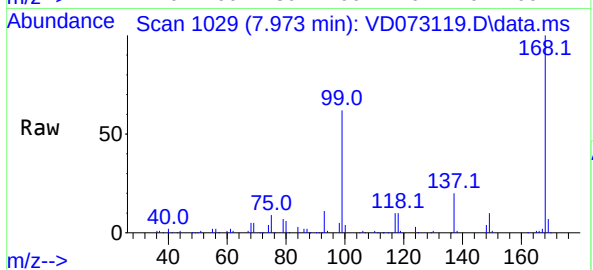
86 65.7 47.9 71.9



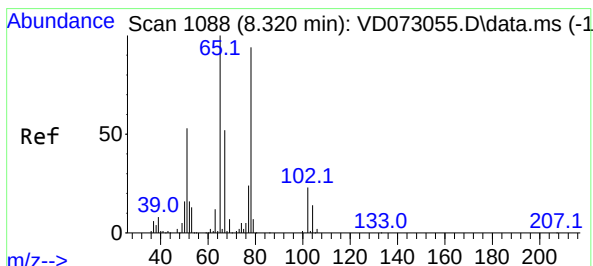
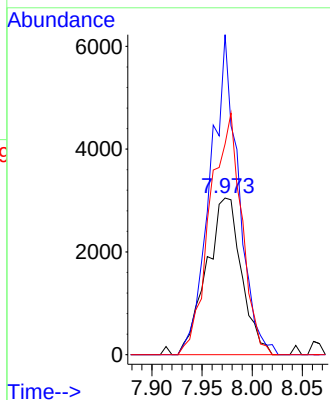
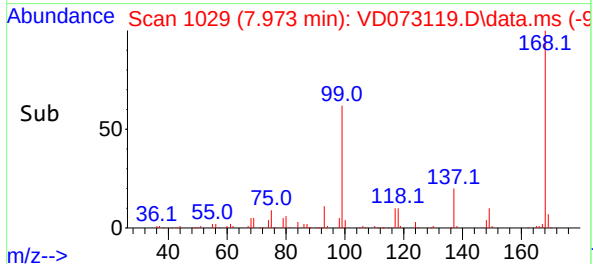


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

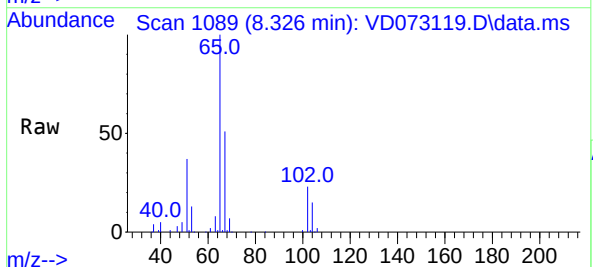
Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01



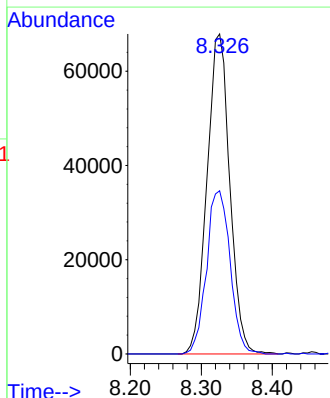
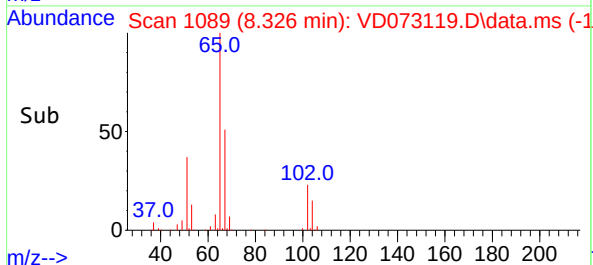
Tgt Ion: 56 Resp: 7383
Ion Ratio Lower Upper
56 100
69 204.3 25.4 38.2#
84 134.5 63.0 94.4#

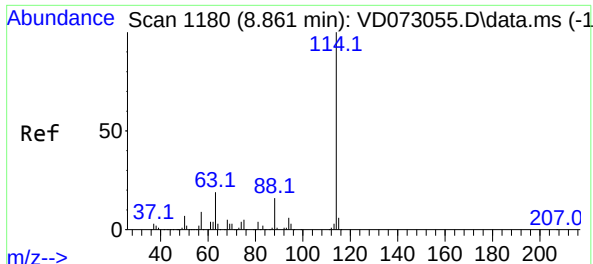


#33
1,2-Dichloroethane-d4
Concen: 43.138 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46



Tgt Ion: 65 Resp: 151016
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073119.D

Acq: 19 May 2022 02:46

Instrument :

MSVOA_D

ClientSampleId :

P007-SS014-0006-01

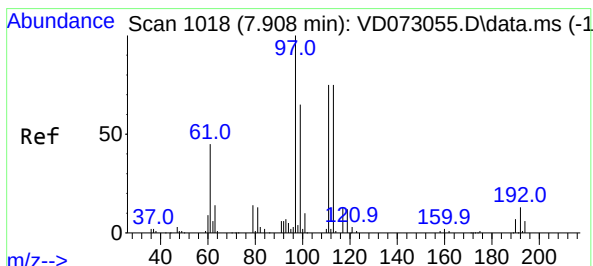
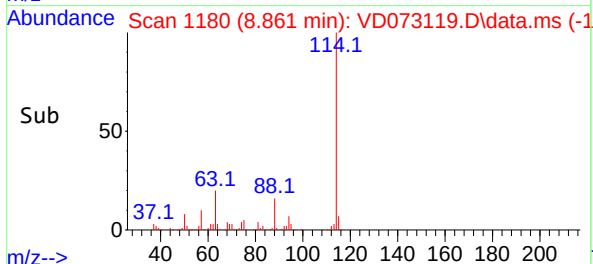
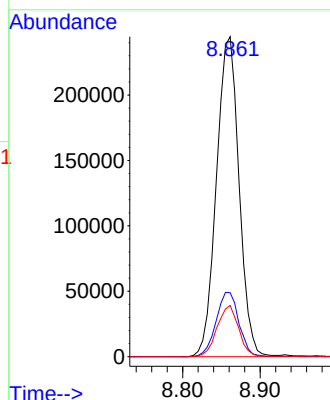
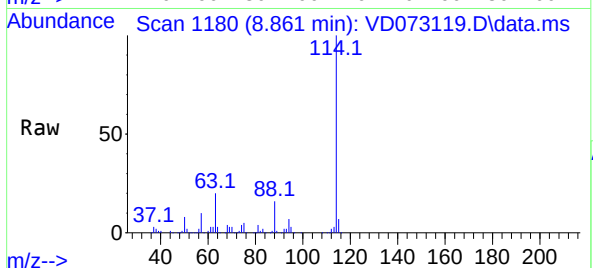
Tgt Ion:114 Resp: 495485

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.119 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073119.D

Acq: 19 May 2022 02:46

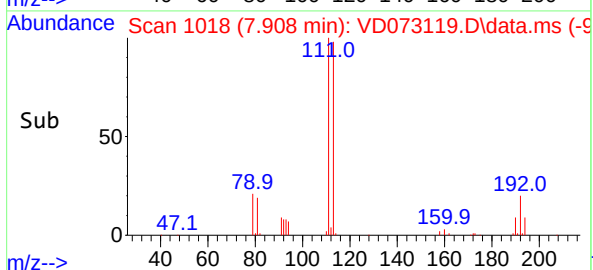
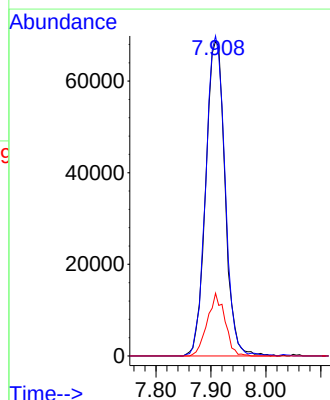
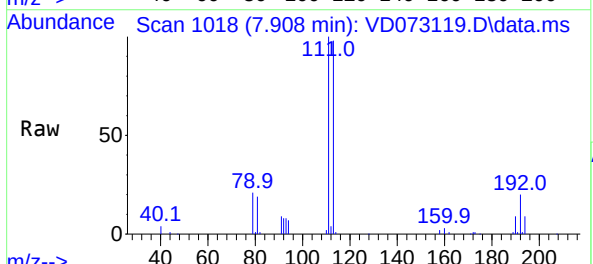
Tgt Ion:113 Resp: 167399

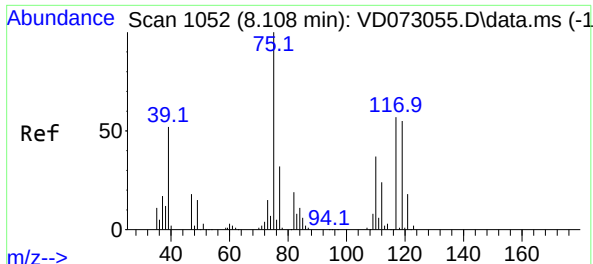
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.339 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073119.D

Acq: 19 May 2022 02:46

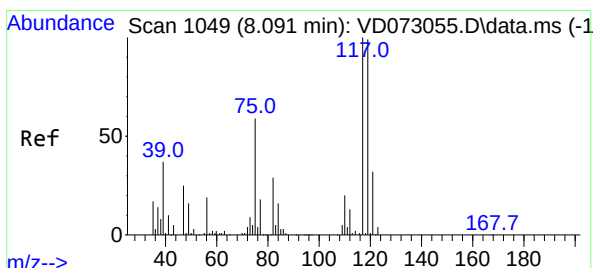
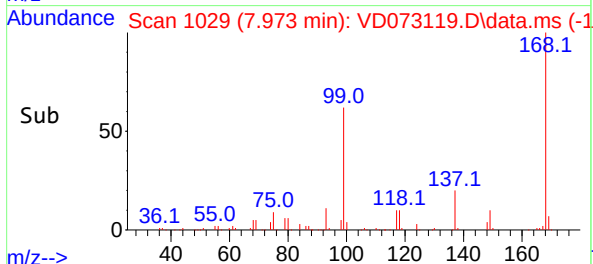
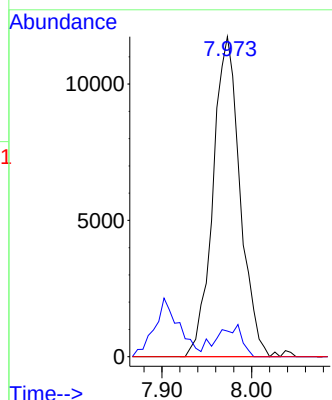
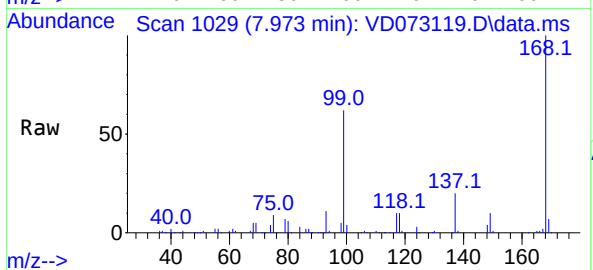
Instrument :

MSVOA_D

ClientSampleId :

P007-SS014-0006-01

Tgt Ion:	75	Resp:	24598
Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.404 ug/l

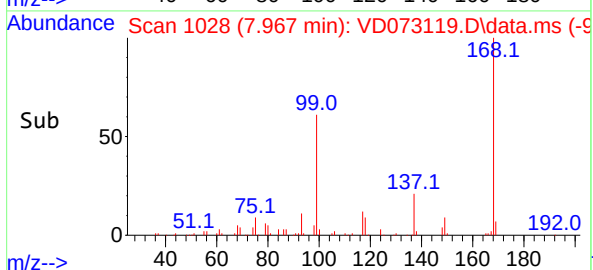
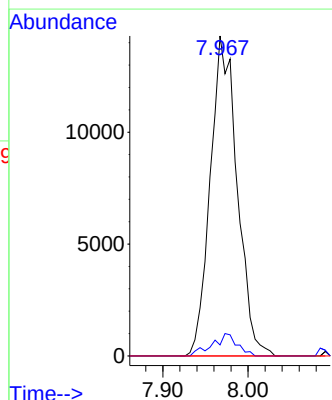
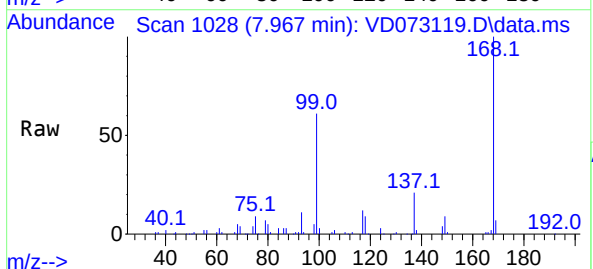
RT: 7.967 min Scan# 1028

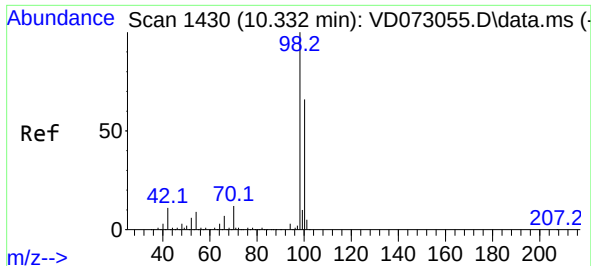
Delta R.T. -0.124 min

Lab File: VD073119.D

Acq: 19 May 2022 02:46

Tgt Ion:	117	Resp:	31339
Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.8	113.6#
121	0.0	24.5	36.7#

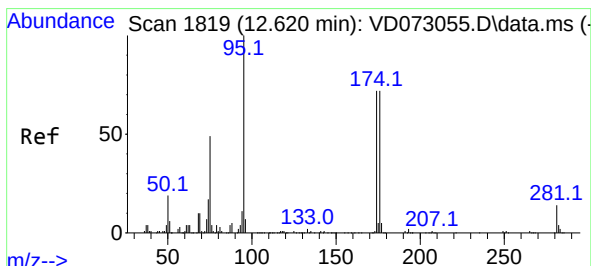
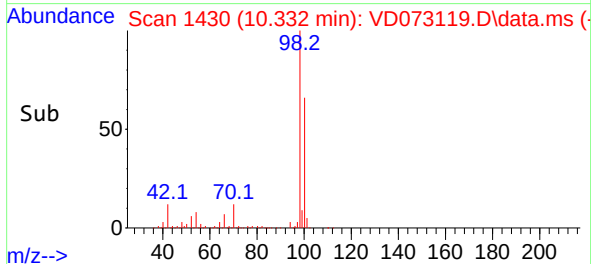
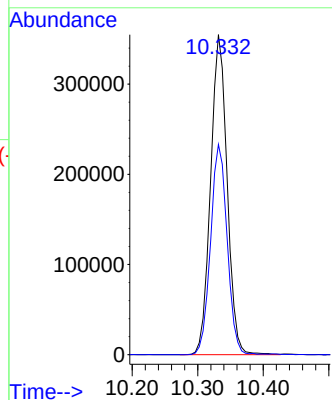
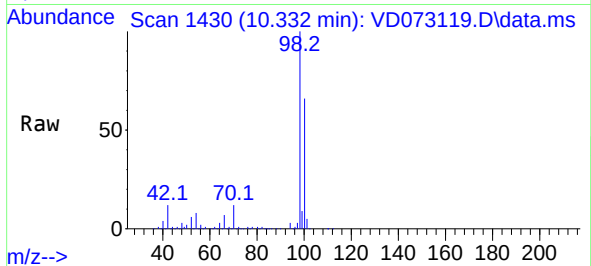




#50
Toluene-d8
Concen: 49.260 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

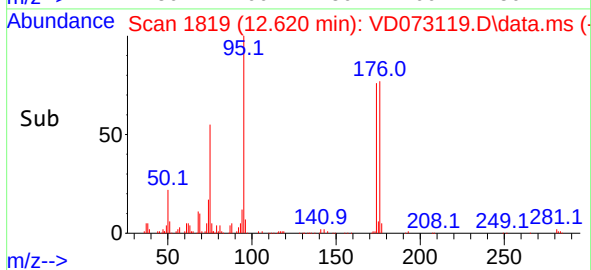
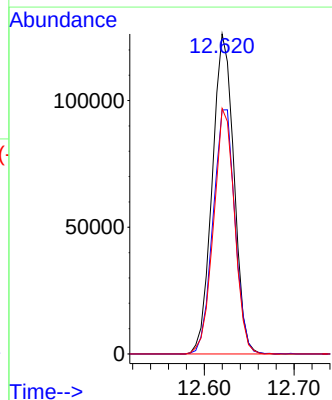
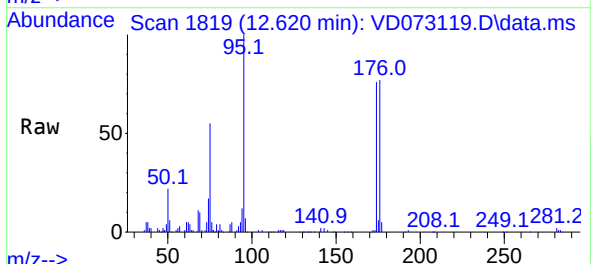
Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

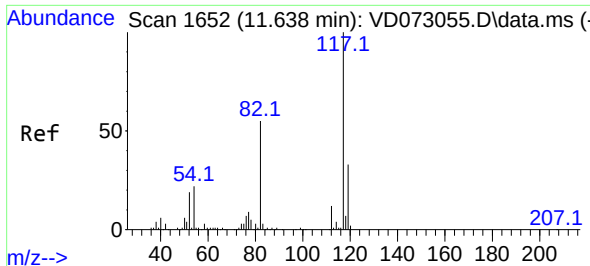
Tgt Ion: 98 Resp: 621690
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.290 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

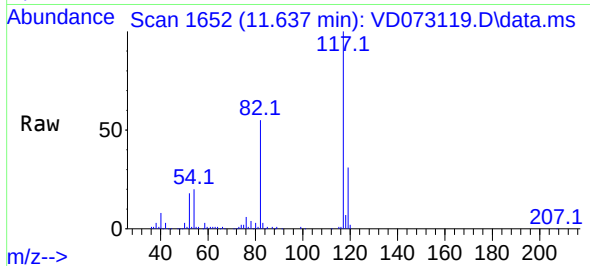
Tgt Ion: 95 Resp: 211598
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.1 0.0 145.4



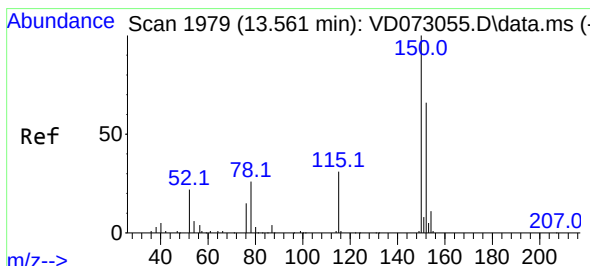
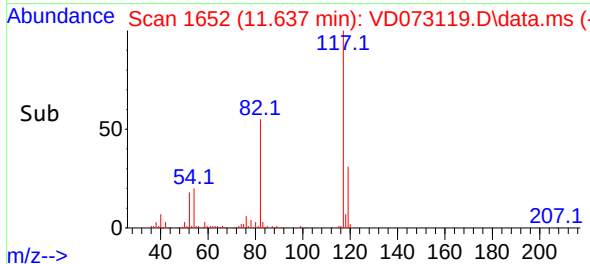
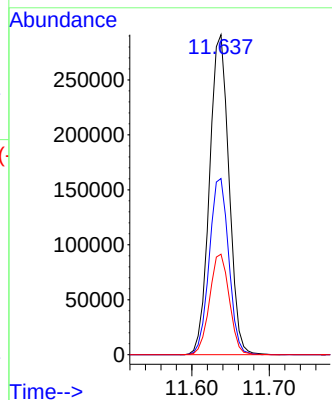


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

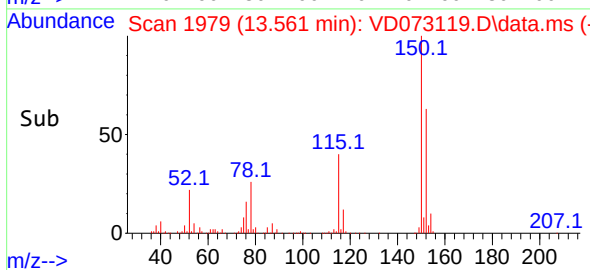
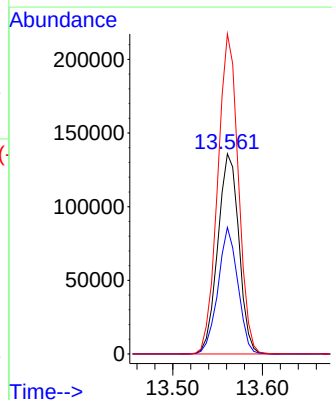
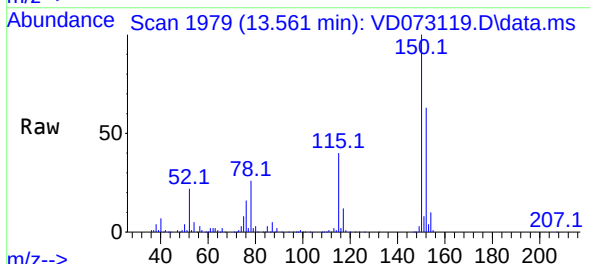


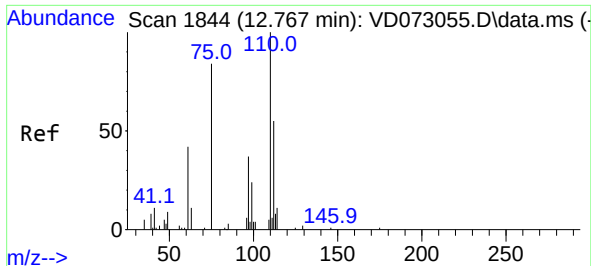
Tgt Ion:117 Resp: 507166
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 31.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

Tgt Ion:152 Resp: 222026
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 156.0 0.0 348.6

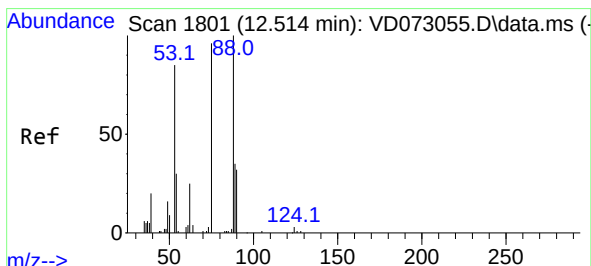
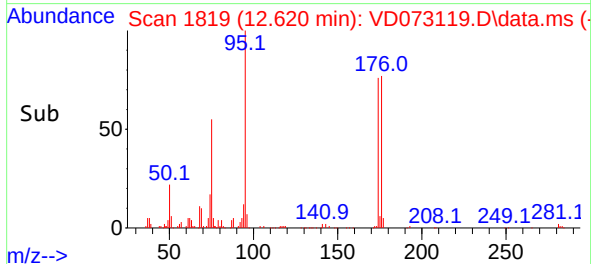
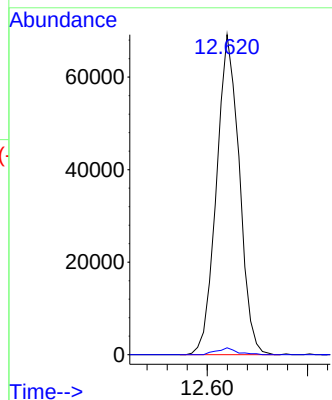
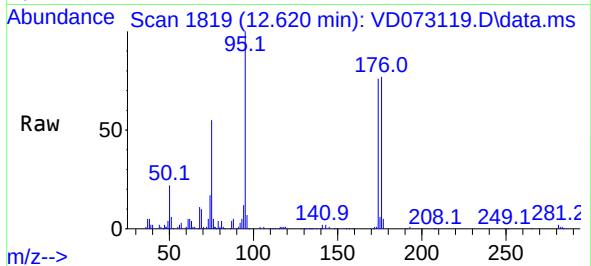




#76
1,2,3-Trichloropropane
Concen: 43.586 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

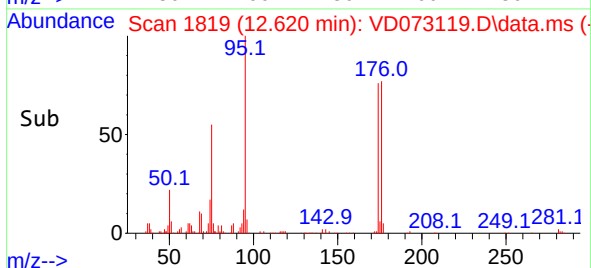
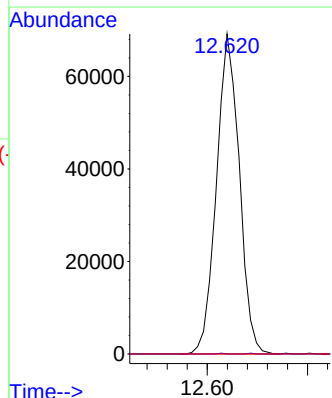
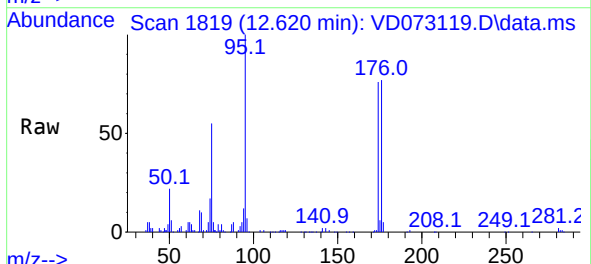
Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01

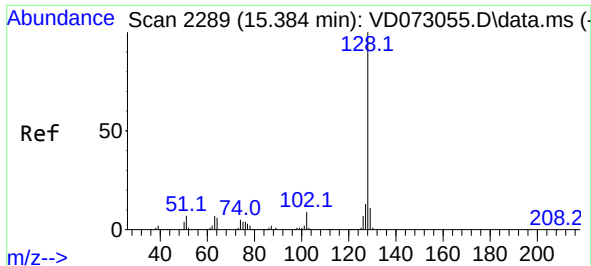
Tgt Ion: 75 Resp: 109394
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.508 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

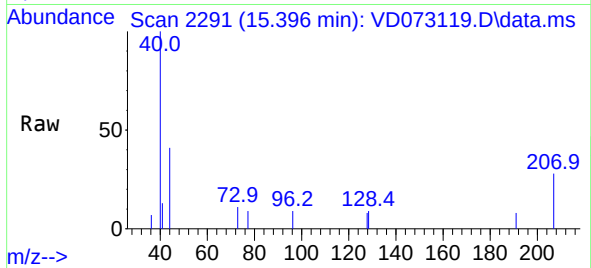
Tgt Ion: 75 Resp: 109394
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.317 ug/l
RT: 15.396 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD073119.D
Acq: 19 May 2022 02:46

Instrument :
MSVOA_D
ClientSampleId :
P007-SS014-0006-01



Tgt Ion:128 Resp: 541
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

