

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073084.D
 Acq On : 18 May 2022 05:09
 Operator : VA/SY
 Sample : N2881-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 06:23:21 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)

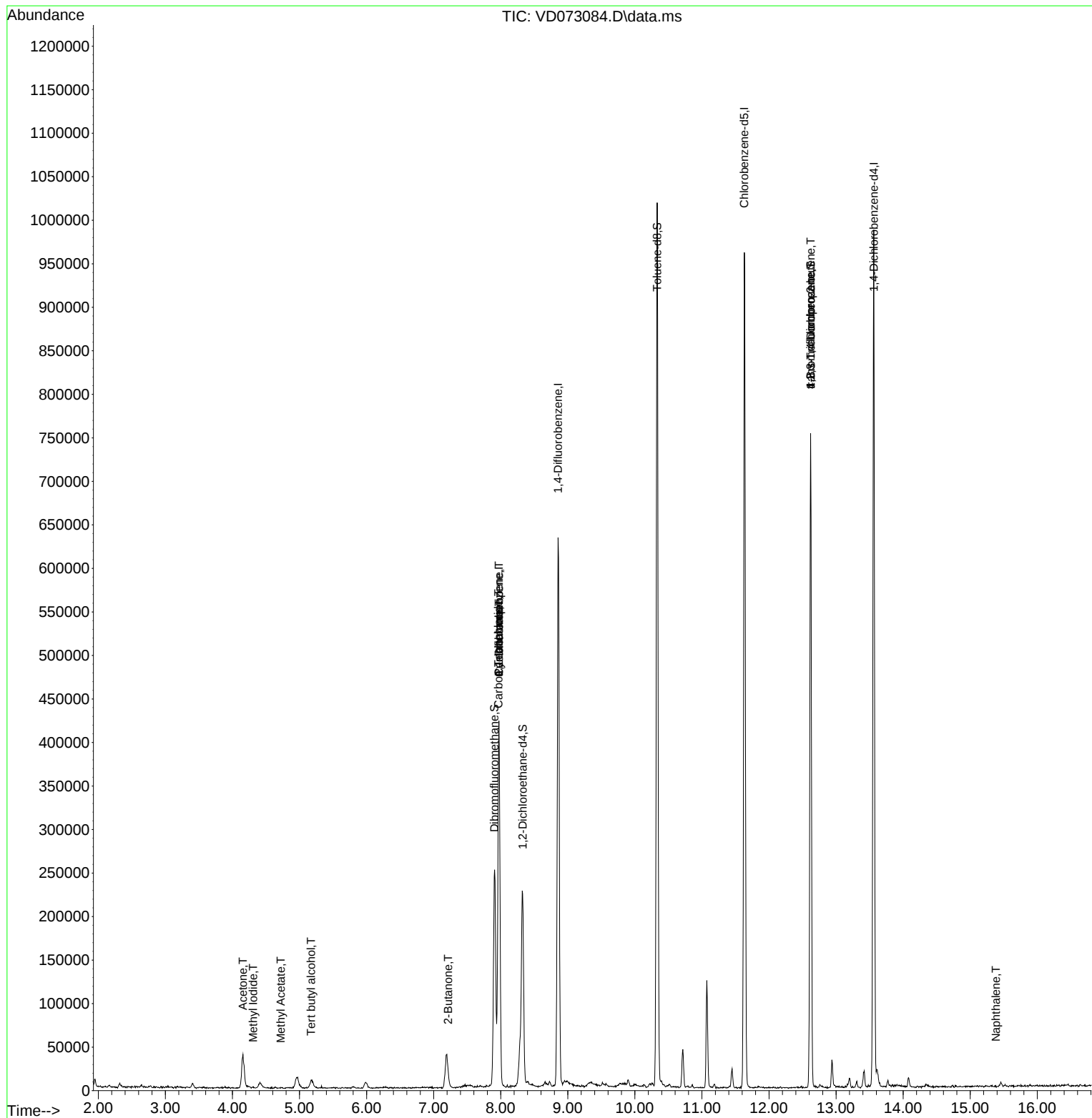
Internal Standards						
1) Pentafluorobenzene	7.973	168	299009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	543823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	560574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178082	47.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.903	113	181358	47.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.332	98	672861	48.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.620	95	239339	47.705	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.400%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	223	4.326	ug/l #	11
11) Tert butyl alcohol	5.173	59	9154	15.827	ug/l #	74
16) Acetone	4.156	43	65971	97.491	ug/l	95
18) Methyl Acetate	4.721	43	57	1.487	ug/l #	55
25) 2-Butanone	7.214	43	21024	20.518	ug/l #	90
31) Cyclohexane	7.973	56	6791	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	26322	4.231	ug/l #	52
38) Carbon Tetrachloride	7.967	117	32142	5.050	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	125142	43.731	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125142	104.857	ug/l #	7
95) Naphthalene	15.385	128	61	4.266	ug/l #	70

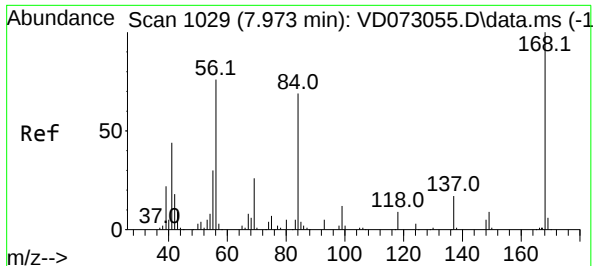
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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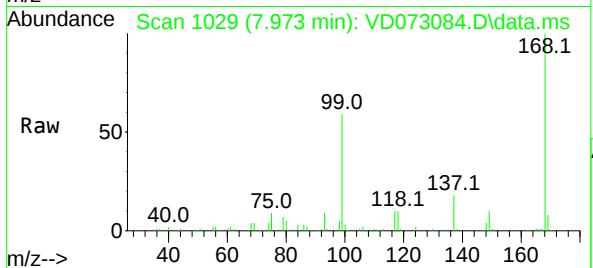
Quant Time: May 18 06:23:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



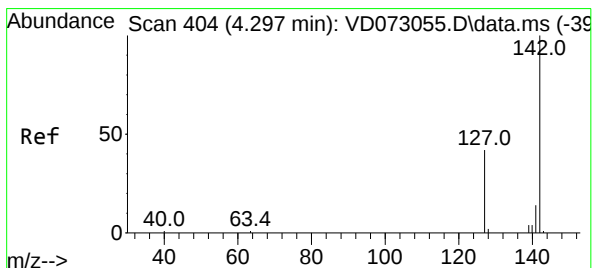
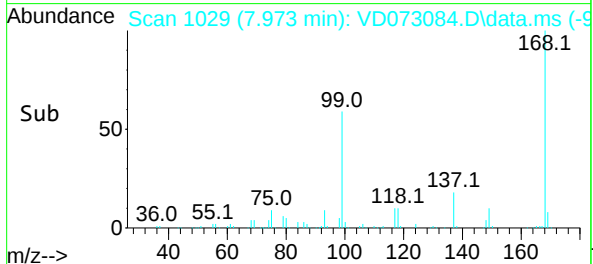
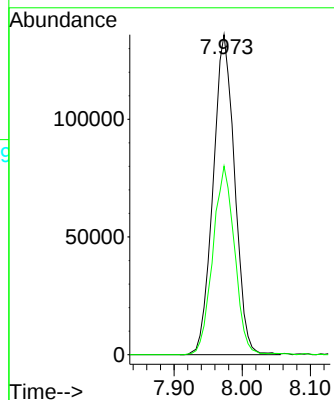


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :

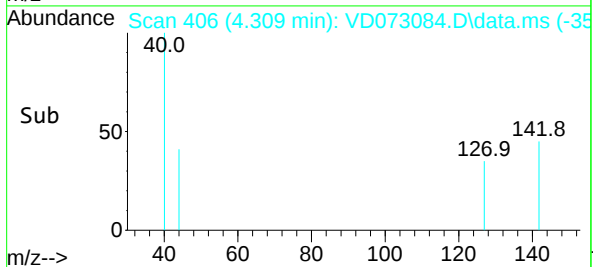
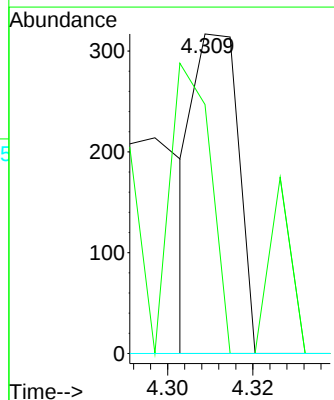
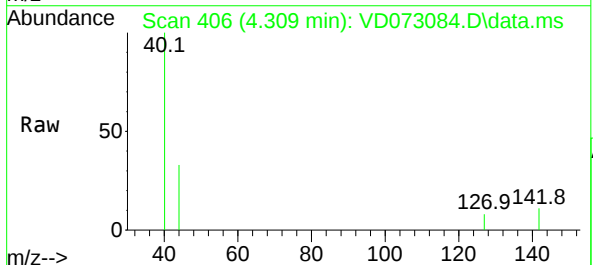


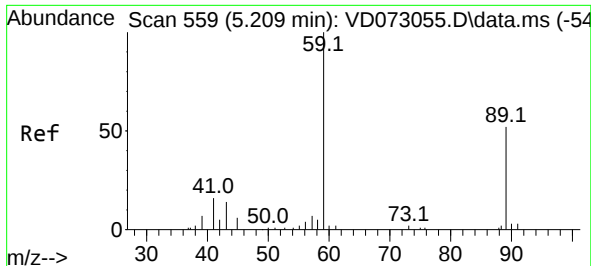
Tgt Ion:168 Resp: 299009
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#10
Methyl Iodide
Concen: 4.326 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 117.0 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 15.827 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.036 min

Lab File: VD073084.D

Acq: 18 May 2022 05:09

Instrument :

MSVOA_D

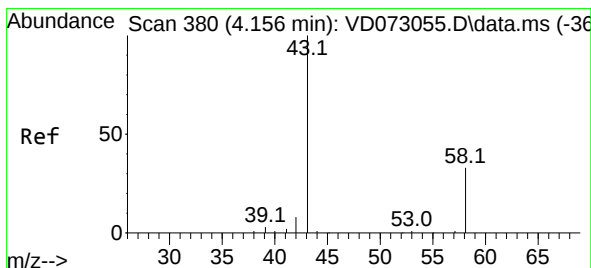
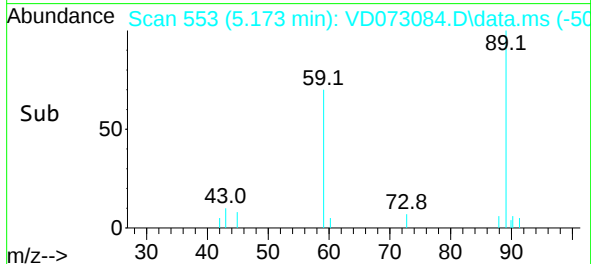
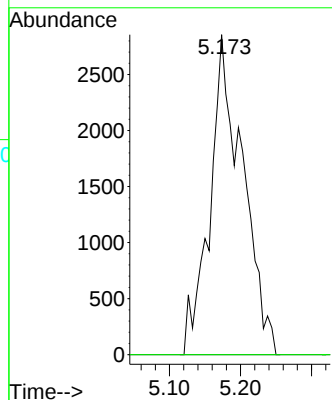
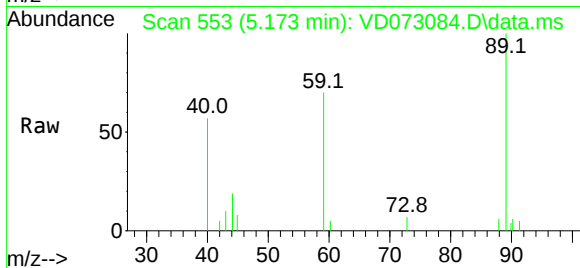
ClientSampleId :

Tgt Ion: 59 Resp: 9154

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 97.491 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD073084.D

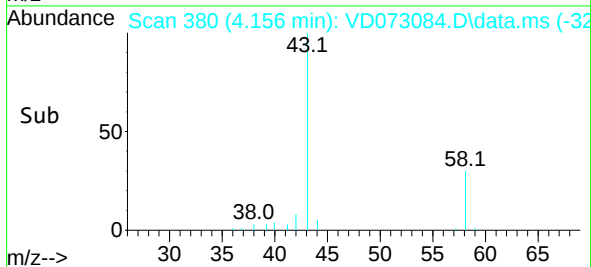
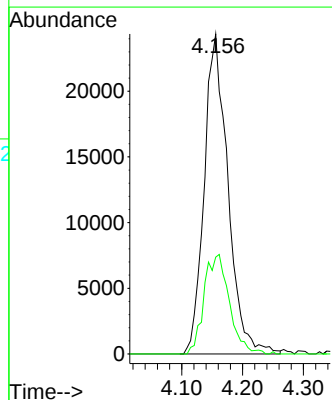
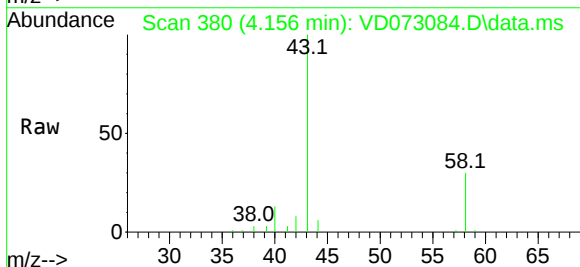
Acq: 18 May 2022 05:09

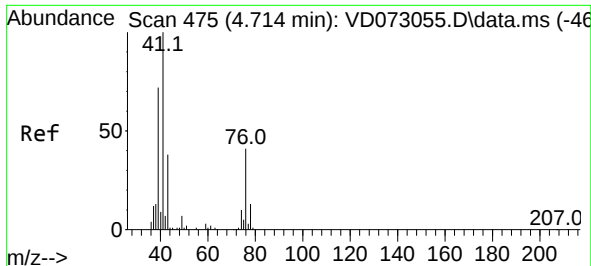
Tgt Ion: 43 Resp: 65971

Ion Ratio Lower Upper

43 100

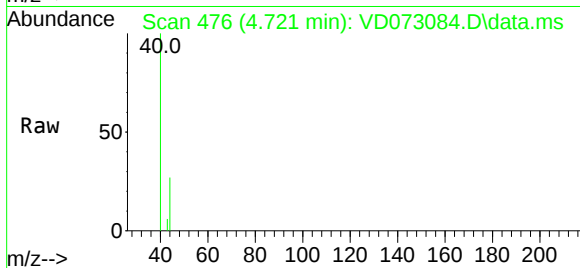
58 30.3 22.1 33.1



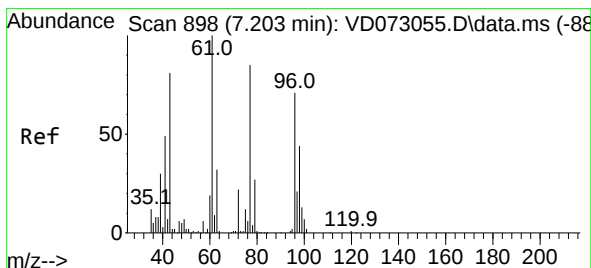
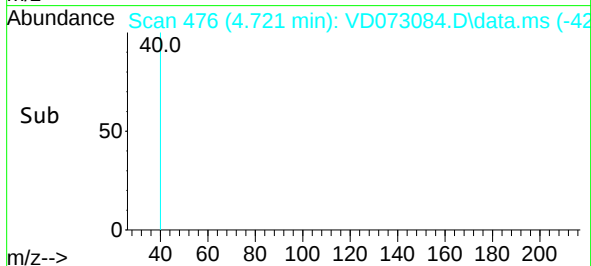
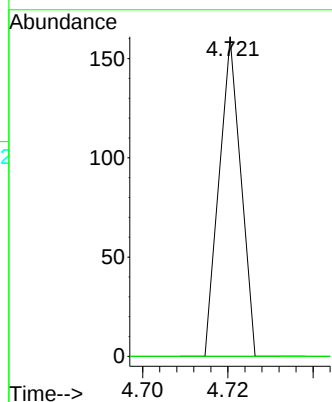


#18
Methyl Acetate
Concen: 1.487 ug/l
RT: 4.721 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :

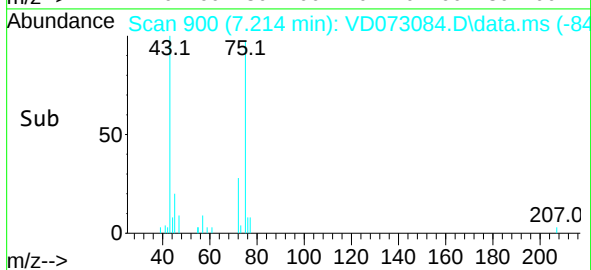
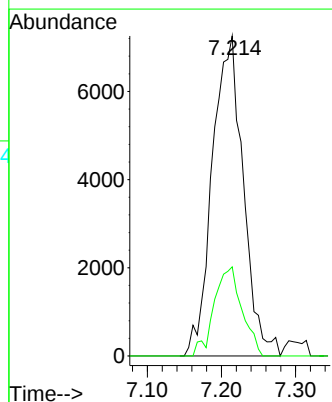
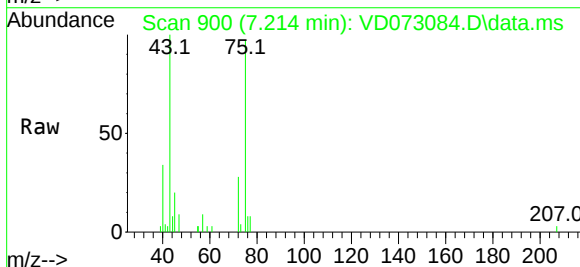


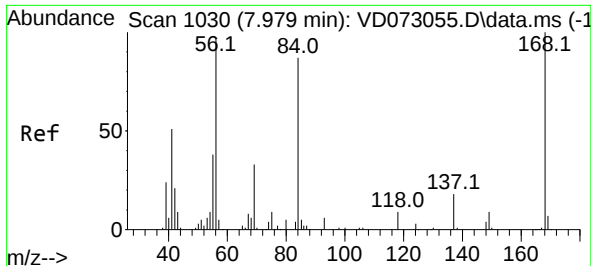
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 20.518 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

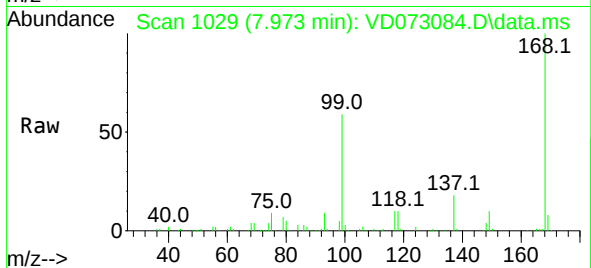
Tgt Ion: 43 Resp: 21024
Ion Ratio Lower Upper
43 100
72 27.9 18.6 27.8#



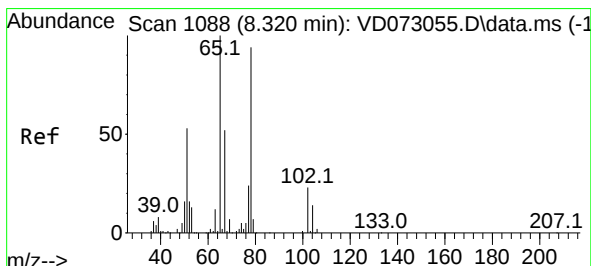
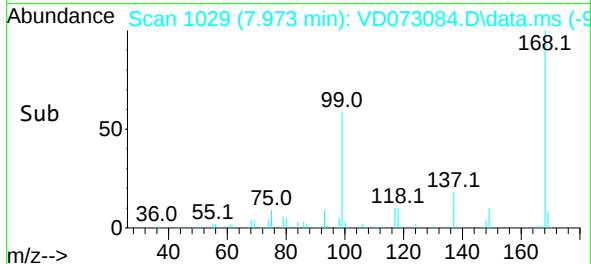
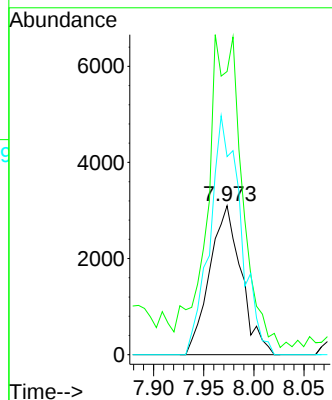


#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :

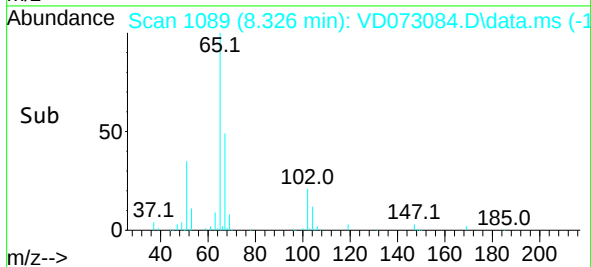
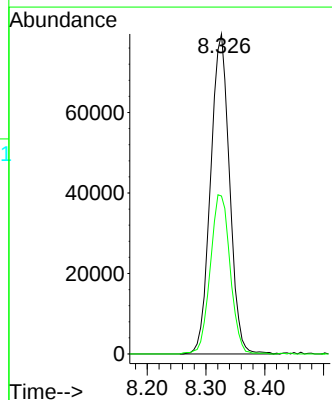
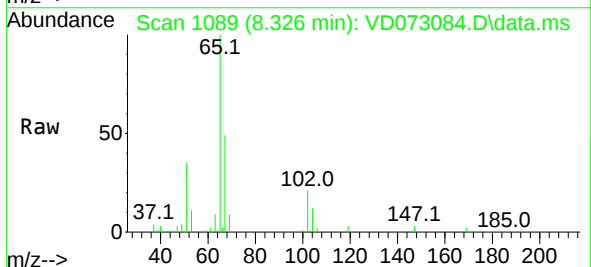


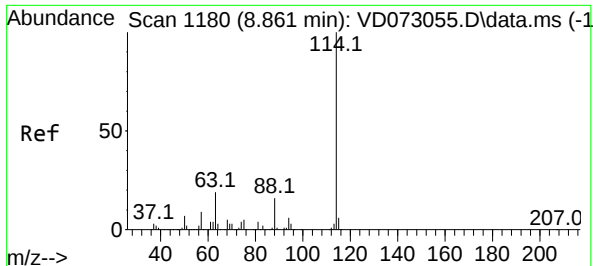
Tgt Ion: 56 Resp: 6791
Ion Ratio Lower Upper
56 100
69 185.2 25.4 38.2#
84 132.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.624 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion: 65 Resp: 178082
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.006 min

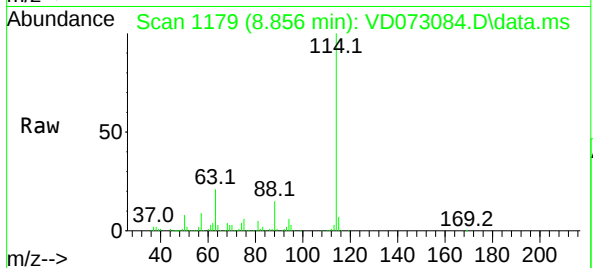
Lab File: VD073084.D

Acq: 18 May 2022 05:09

Instrument :

MSVOA_D

ClientSampleId :



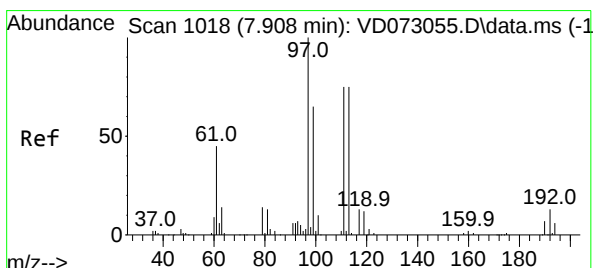
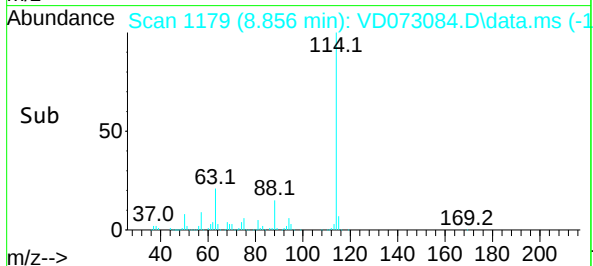
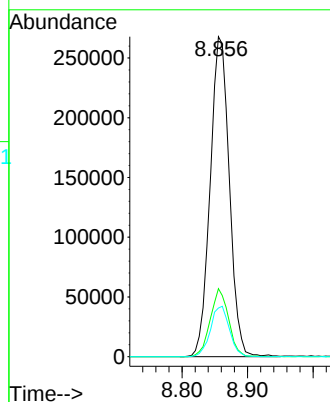
Tgt Ion:114 Resp: 543823

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.498 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073084.D

Acq: 18 May 2022 05:09

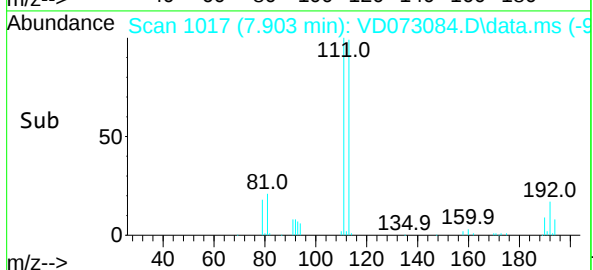
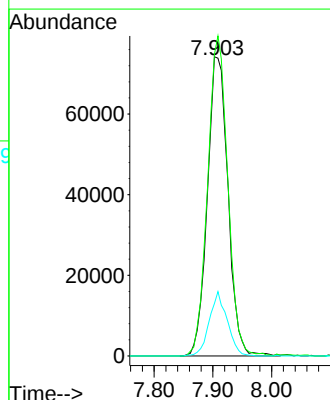
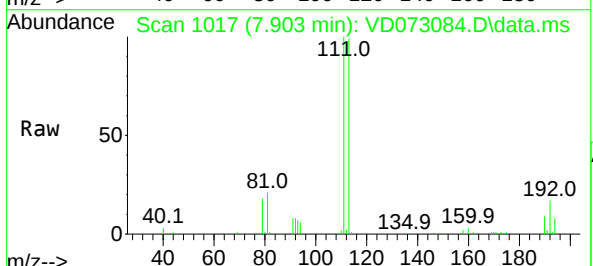
Tgt Ion:113 Resp: 181358

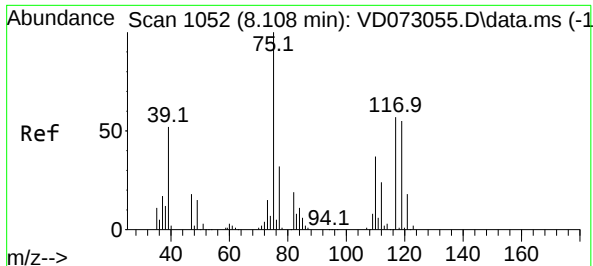
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 18.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.231 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

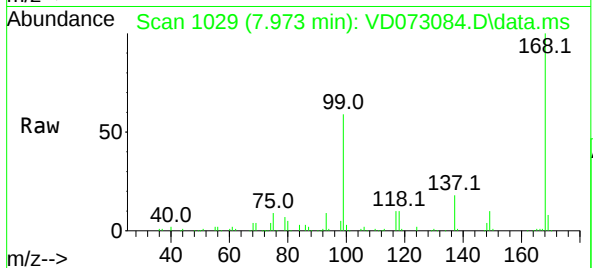
Lab File: VD073084.D

Acq: 18 May 2022 05:09

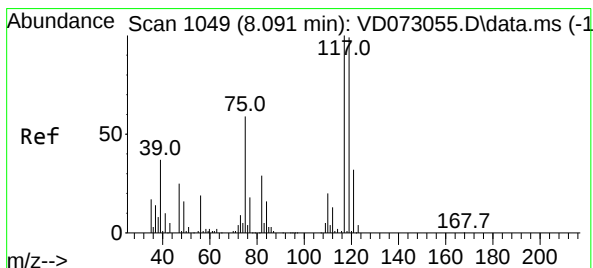
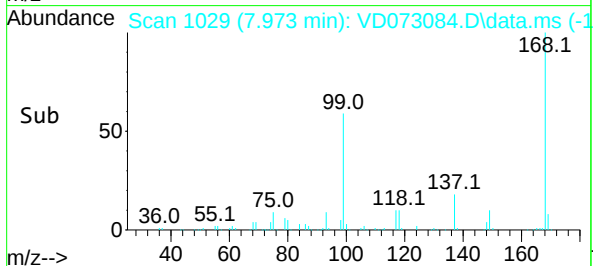
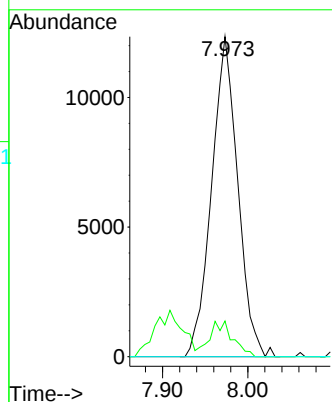
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 26322
Ion Ratio	Lower Upper
75	100
110	9.4 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.050 ug/l

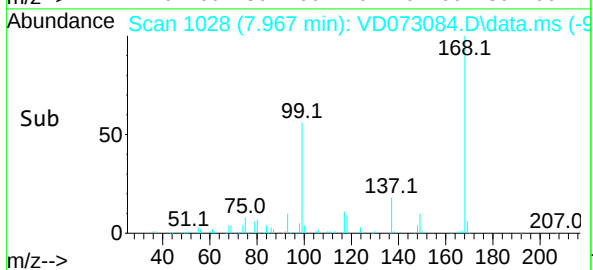
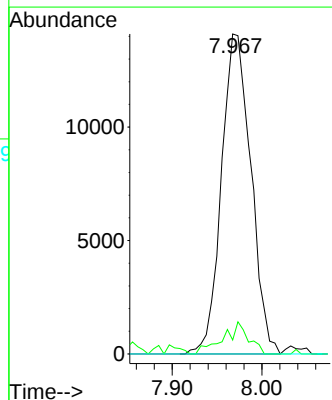
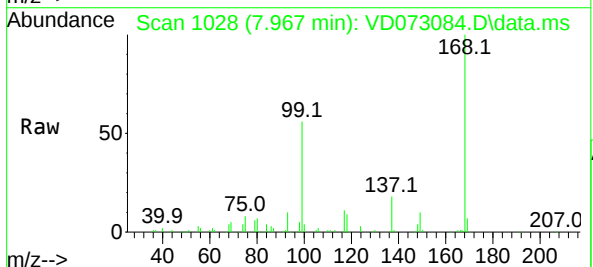
RT: 7.967 min Scan# 1028

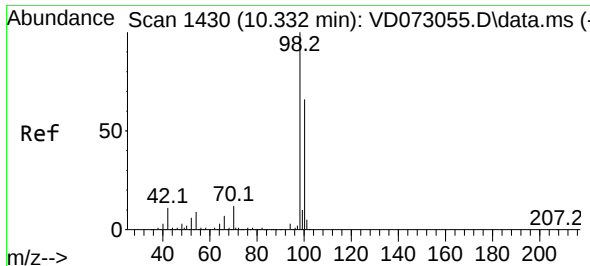
Delta R.T. -0.123 min

Lab File: VD073084.D

Acq: 18 May 2022 05:09

Tgt Ion: 117	Resp: 32142
Ion Ratio	Lower Upper
117	100
119	4.3 75.8 113.6#
121	0.0 24.5 36.7#

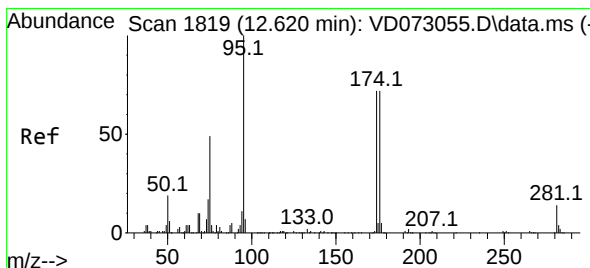
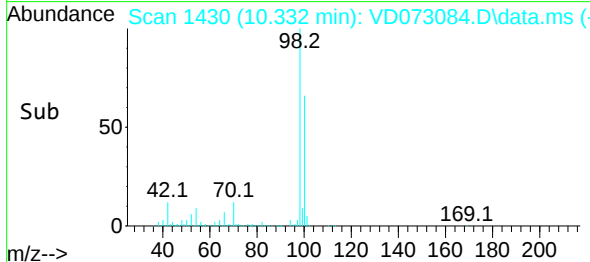
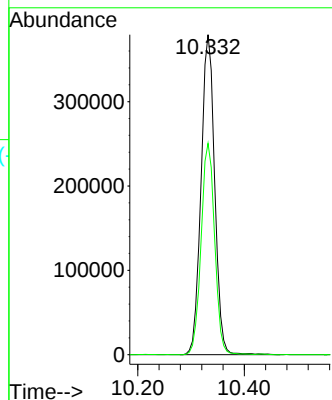
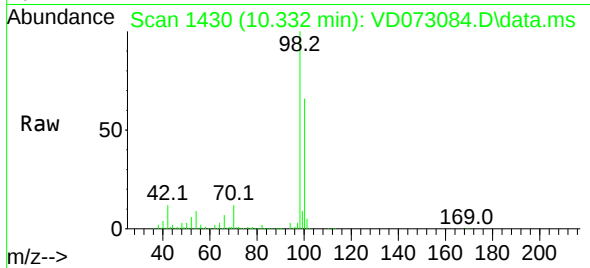




#50
Toluene-d8
Concen: 48.575 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

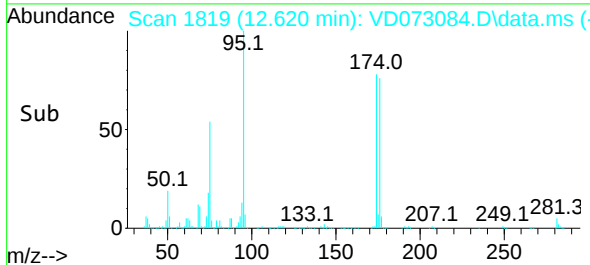
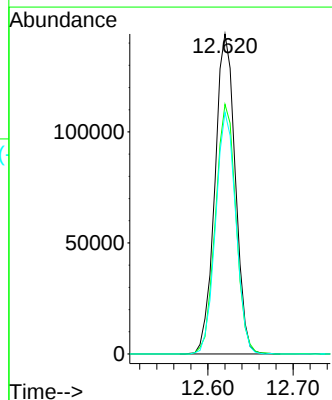
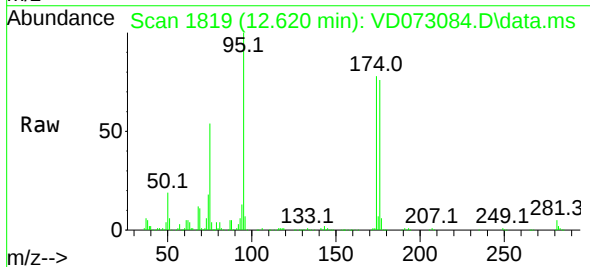
Instrument :
MSVOA_D
ClientSampleId :

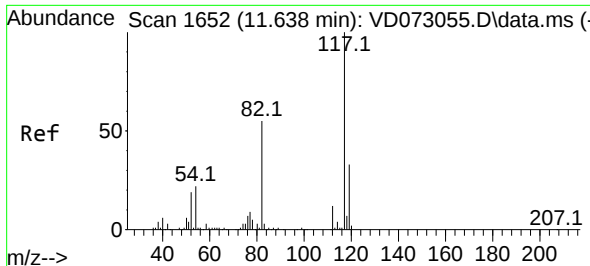
Tgt Ion: 98 Resp: 672861
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.705 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

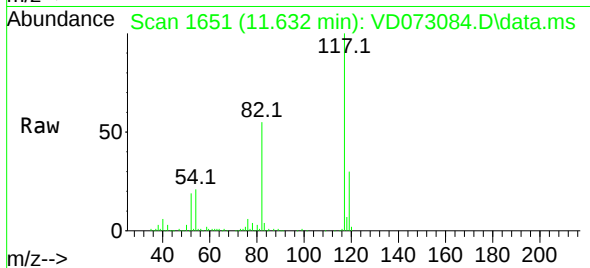
Tgt Ion: 95 Resp: 239339
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 74.7 0.0 145.4



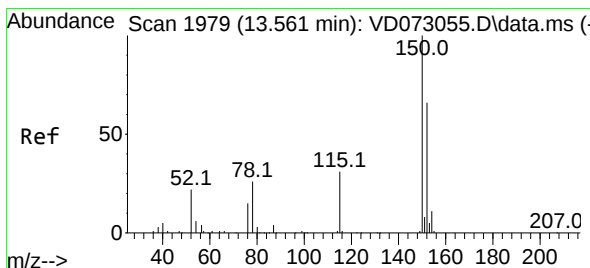
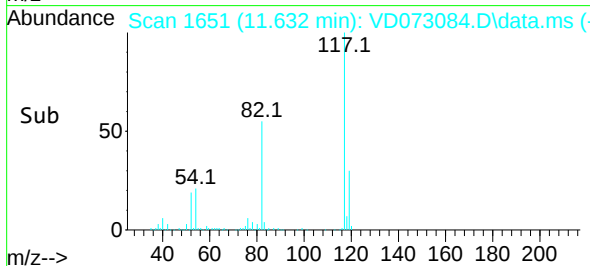
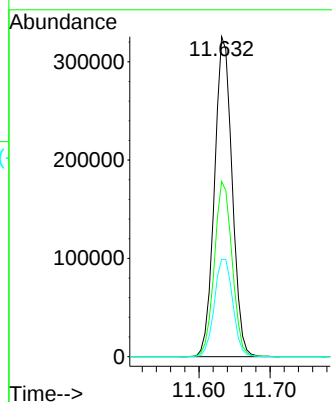


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :

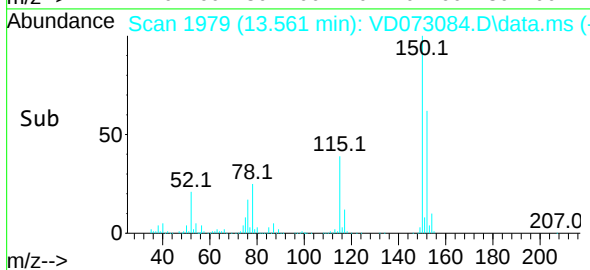
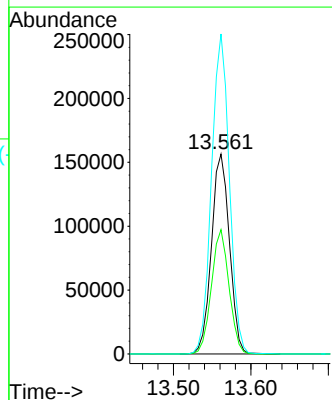
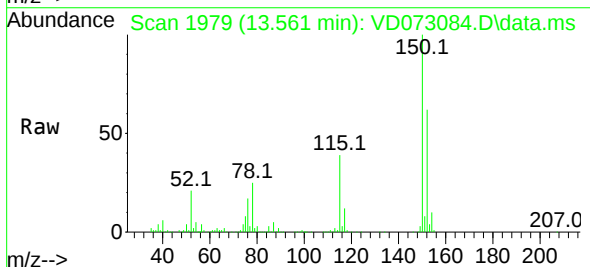


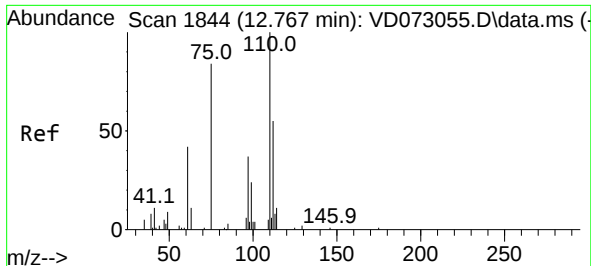
Tgt Ion:117 Resp: 560574
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 30.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion:152 Resp: 253143
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.1 0.0 348.6

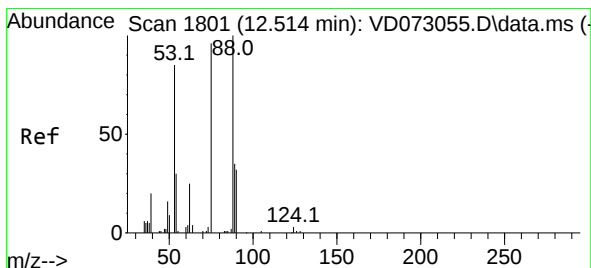
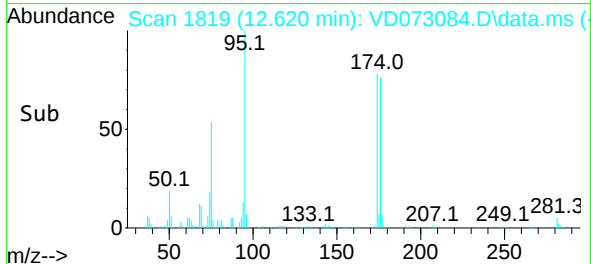
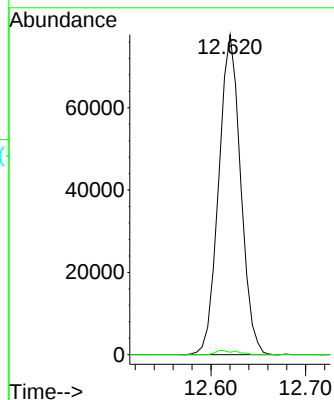
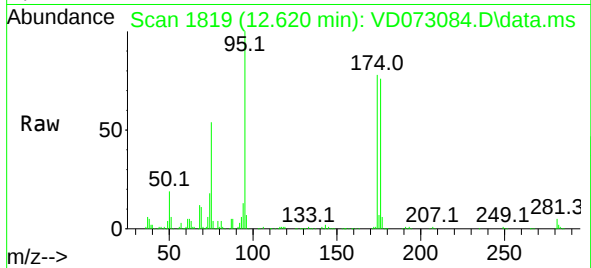




#76
1,2,3-Trichloropropane
Concen: 43.731 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

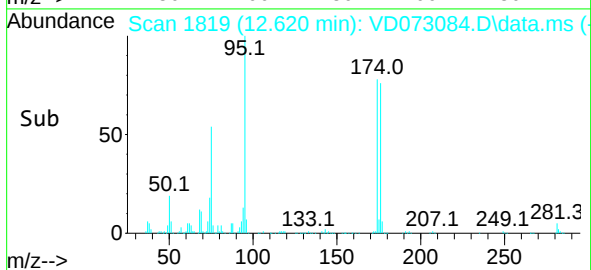
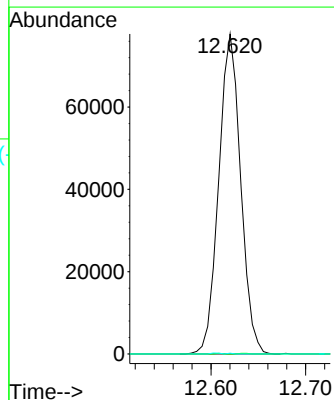
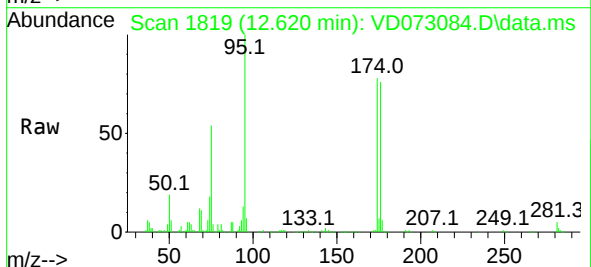
Instrument :
MSVOA_D
ClientSampleId :

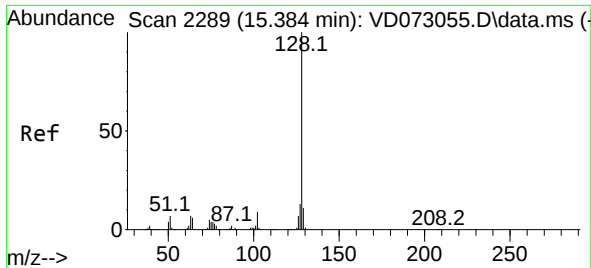
Tgt Ion: 75 Resp: 125142
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.857 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

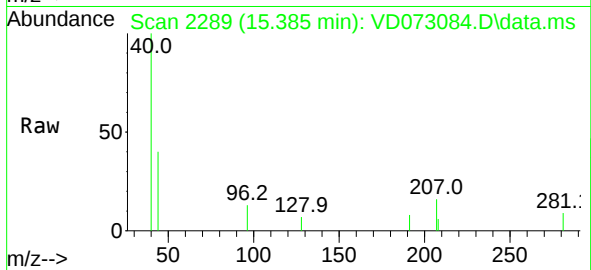
Tgt Ion: 75 Resp: 125142
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.266 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :



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

