

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073083.D
 Acq On : 18 May 2022 04:40
 Operator : VA/SY
 Sample : N2879-10
 Misc : 5.48 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:15:16 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)

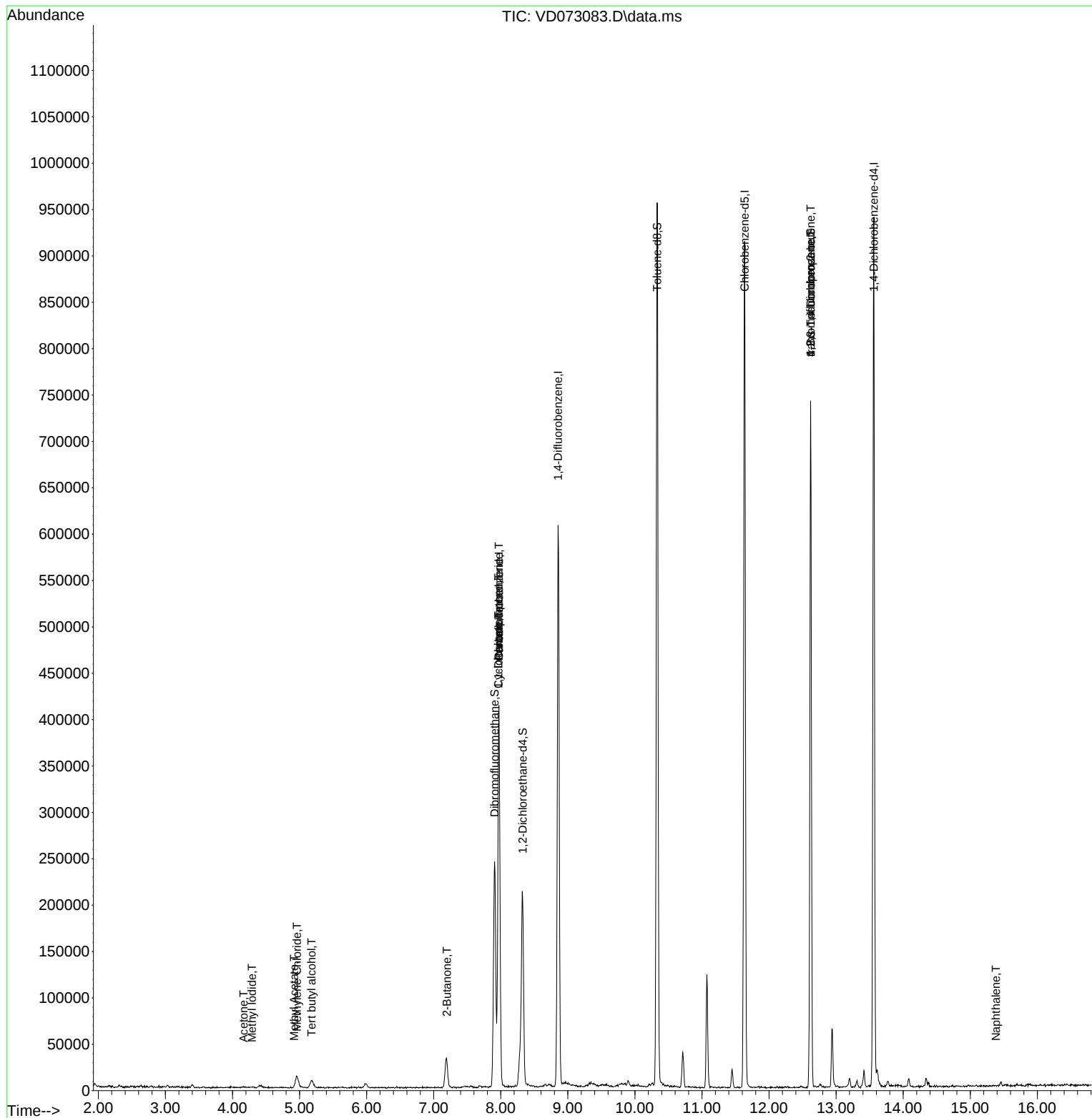
Internal Standards						
1) Pentafluorobenzene	7.973	168	285806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	521054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163134	45.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.280%		
35) Dibromofluoromethane	7.908	113	177937	48.638	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.280%		
50) Toluene-d8	10.332	98	638797	48.132	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.260%		
62) 4-Bromofluorobenzene	12.620	95	233726	48.622	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.240%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	452	4.377	ug/l #	80
11) Tert butyl alcohol	5.179	59	7518	13.599	ug/l #	74
16) Acetone	4.167	43	1987	3.072	ug/l #	47
18) Methyl Acetate	4.920	43	72	1.495	ug/l #	55
20) Methylene Chloride	4.961	84	8567	1.825	ug/l #	91
25) 2-Butanone	7.197	43	1940	1.981	ug/l #	52
31) Cyclohexane	7.967	56	6792	1.055	ug/l #	19
36) 1,1-Dichloropropene	7.967	75	25125	4.215	ug/l #	52
38) Carbon Tetrachloride	7.973	117	31783	5.212	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	116499	42.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	116499	102.835	ug/l #	7
95) Naphthalene	15.384	128	507	4.310	ug/l #	71

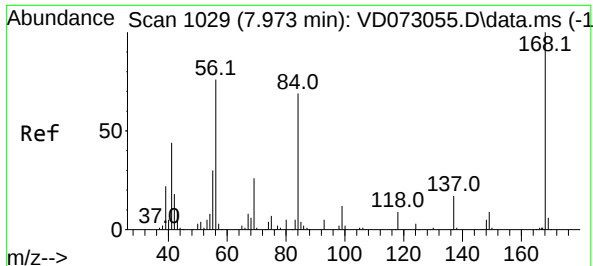
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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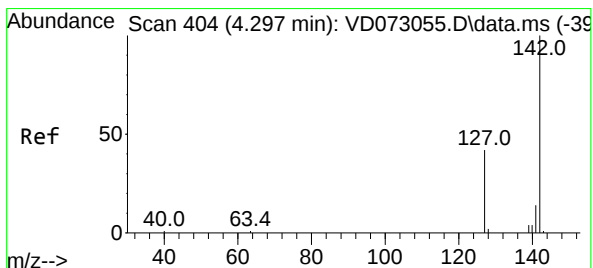
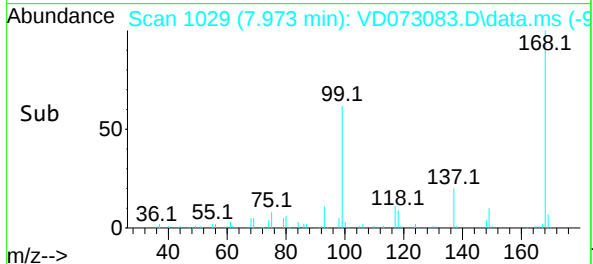
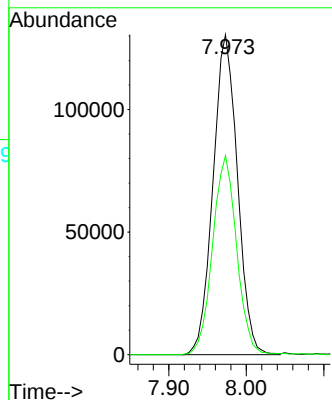
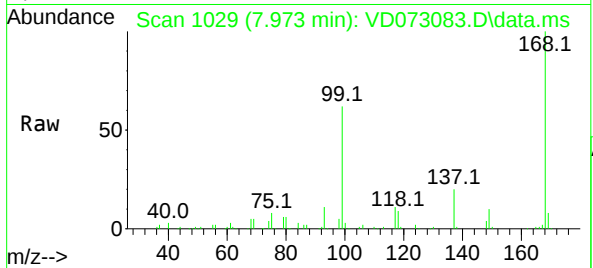




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

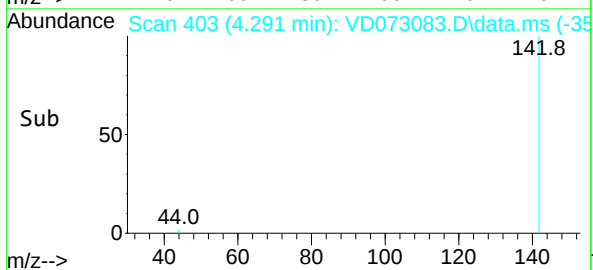
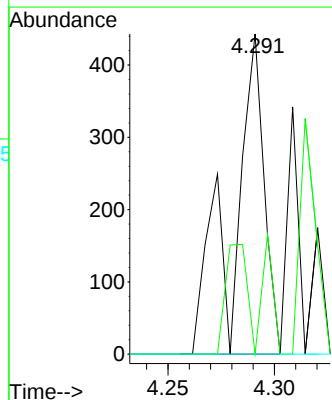
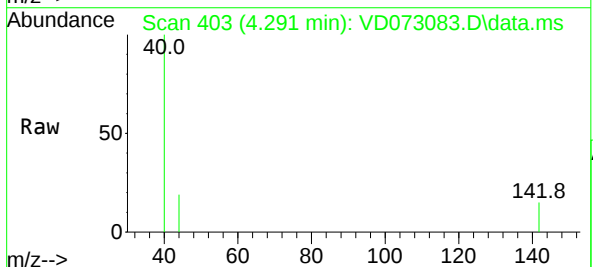
Instrument :
MSVOA_D
ClientSampleId :

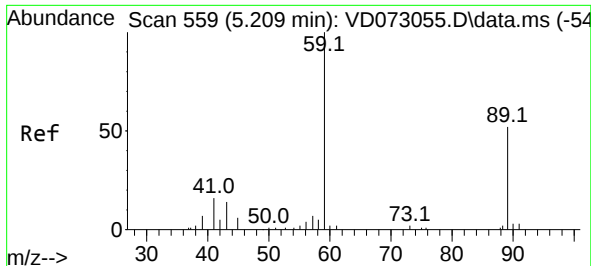
Tgt Ion:168 Resp: 285806
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#10
Methyl Iodide
Concen: 4.377 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Tgt Ion:142 Resp: 452
Ion Ratio Lower Upper
142 100
127 36.7 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 13.599 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

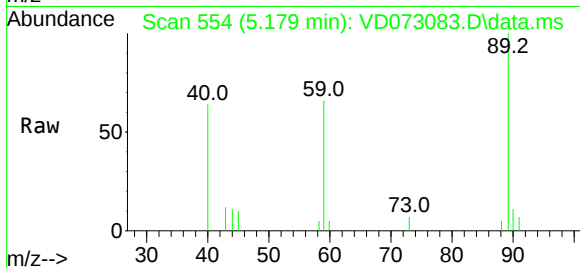
Lab File: VD073083.D

Acq: 18 May 2022 04:40

Instrument :

MSVOA_D

ClientSampleId :

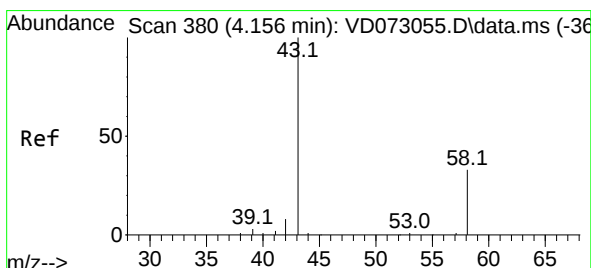
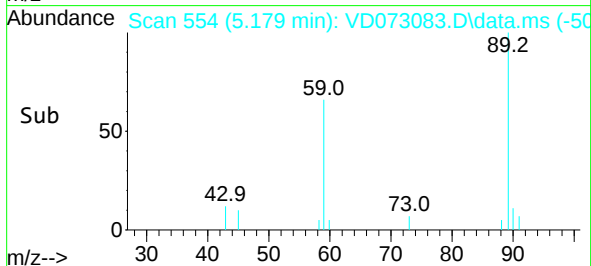
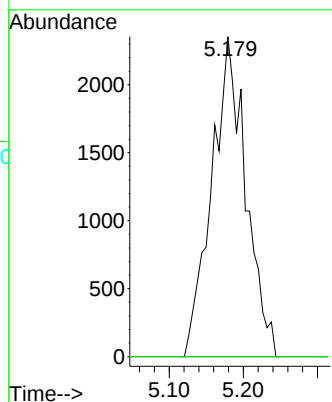


Tgt Ion: 59 Resp: 7518

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 3.072 ug/l

RT: 4.167 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD073083.D

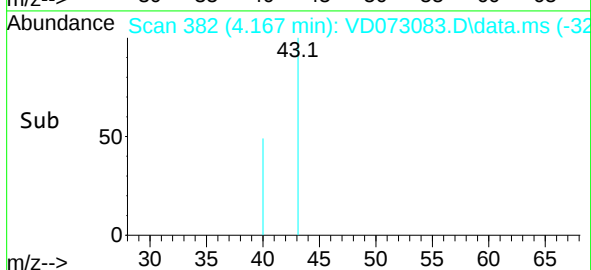
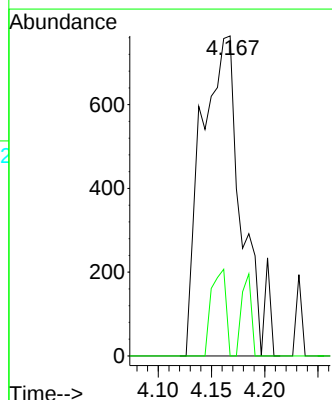
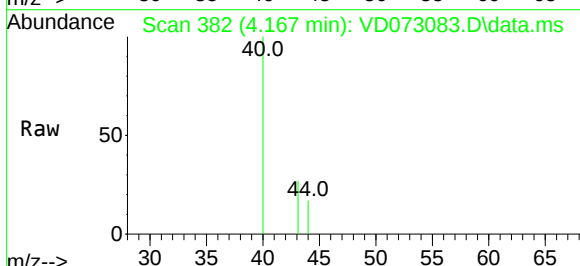
Acq: 18 May 2022 04:40

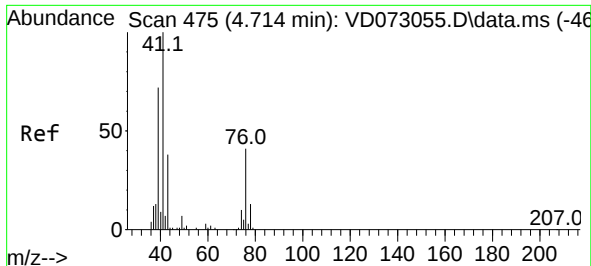
Tgt Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

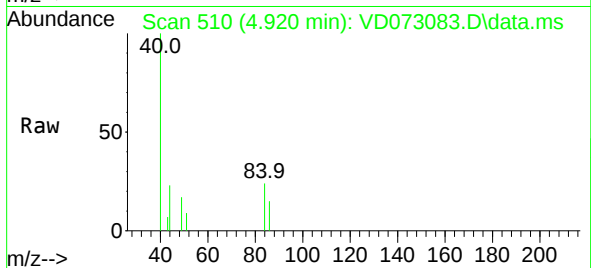
58 0.0 22.1 33.1#



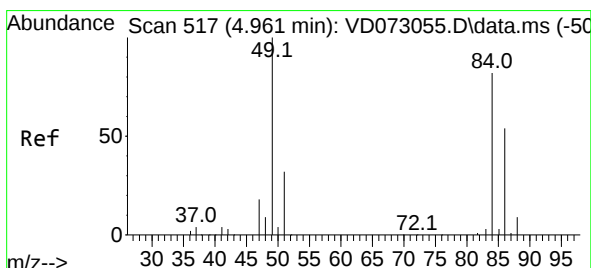
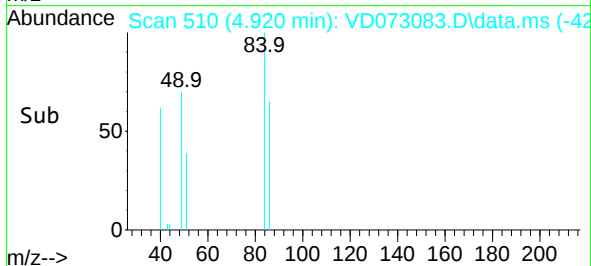
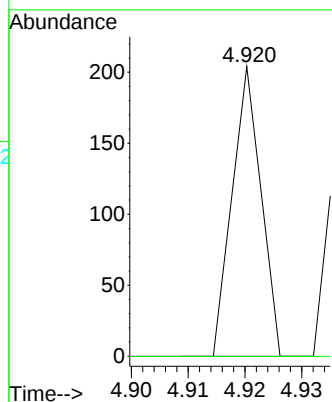


#18
Methyl Acetate
Concen: 1.495 ug/l
RT: 4.920 min Scan# 510
Delta R.T. 0.206 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Instrument :
MSVOA_D
ClientSampleId :

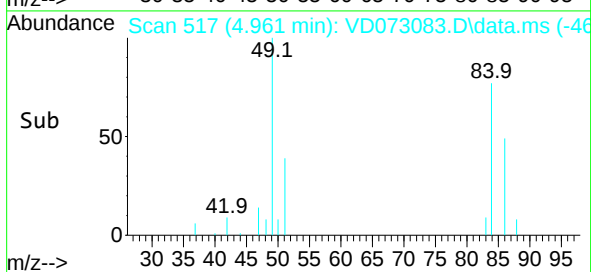
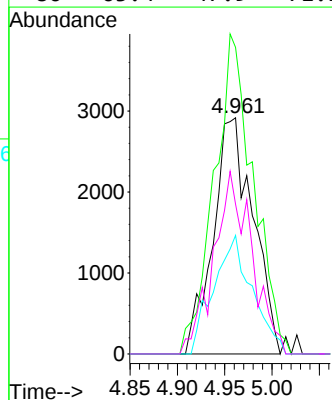
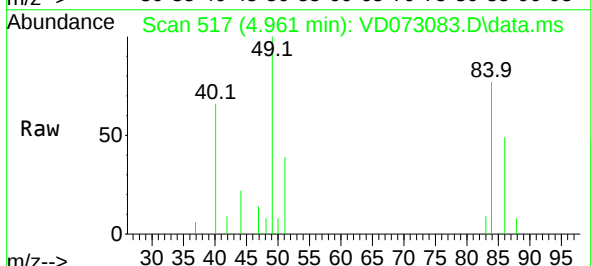


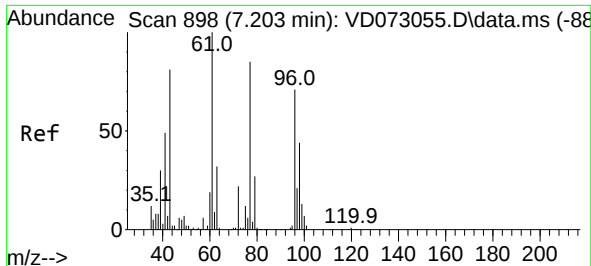
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.825 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Tgt Ion: 84 Resp: 8567
Ion Ratio Lower Upper
84 100
49 129.8 112.8 169.2
51 50.2 32.6 48.8#
86 63.4 47.9 71.9

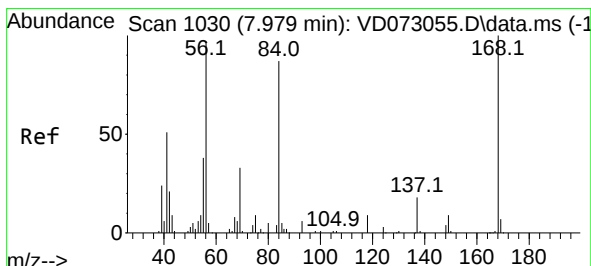
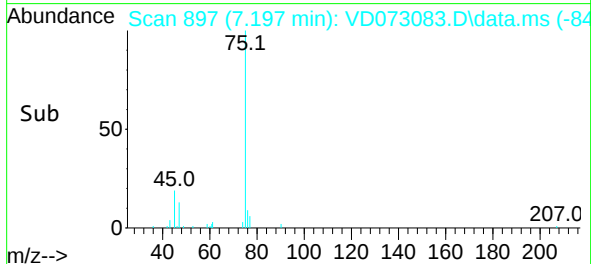
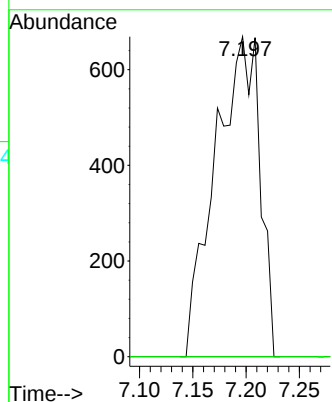
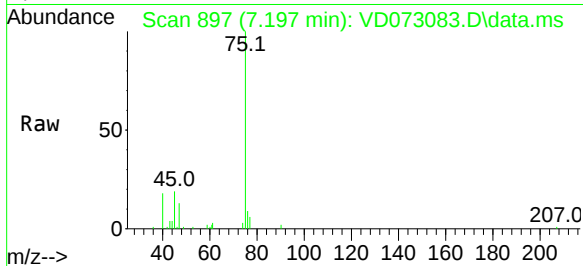




#25
2-Butanone
Concen: 1.981 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

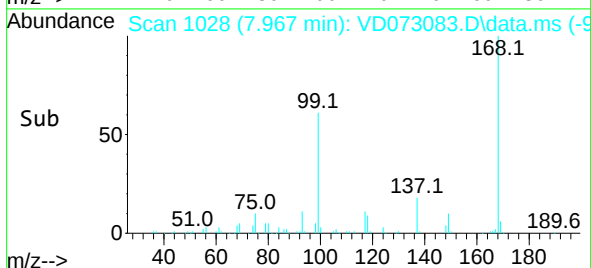
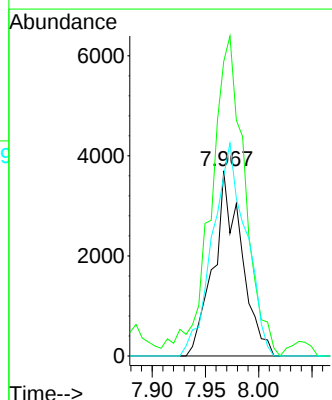
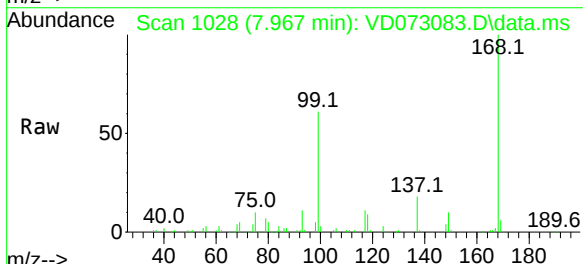
Instrument :
MSVOA_D
ClientSampleId :

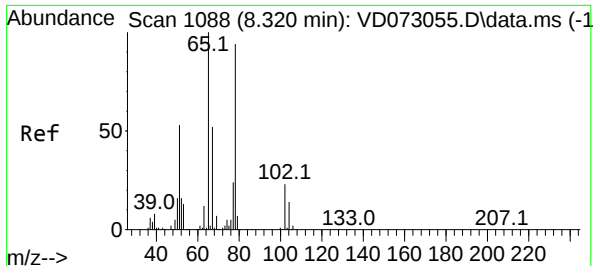
Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Tgt Ion: 56 Resp: 6792
Ion Ratio Lower Upper
56 100
69 159.1 25.4 38.2#
84 97.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.642 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073083.D

Acq: 18 May 2022 04:40

Instrument :

MSVOA_D

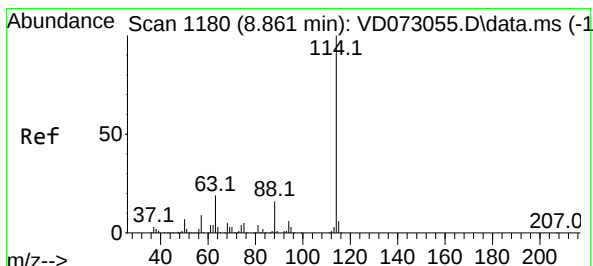
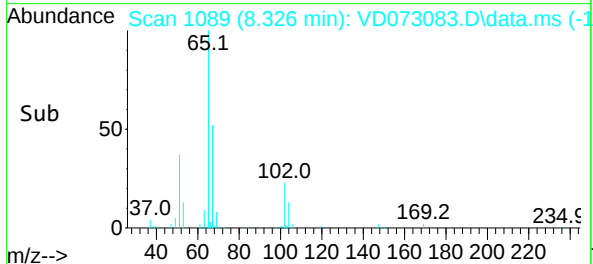
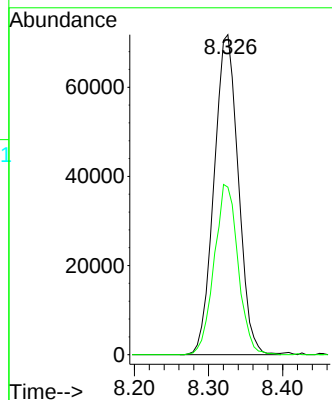
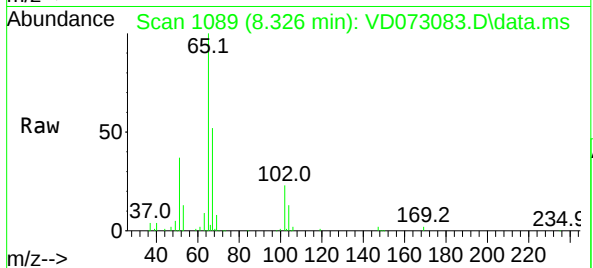
ClientSampleId :

Tgt Ion: 65 Resp: 163134

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073083.D

Acq: 18 May 2022 04:40

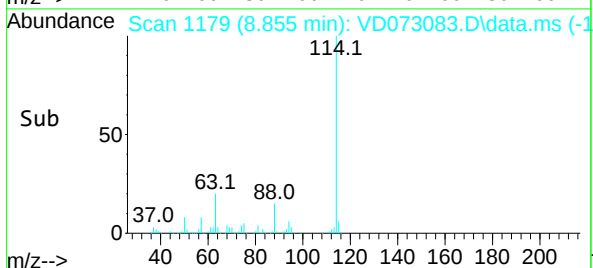
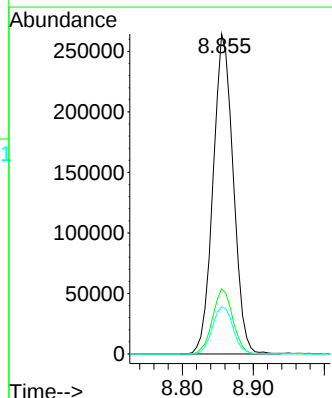
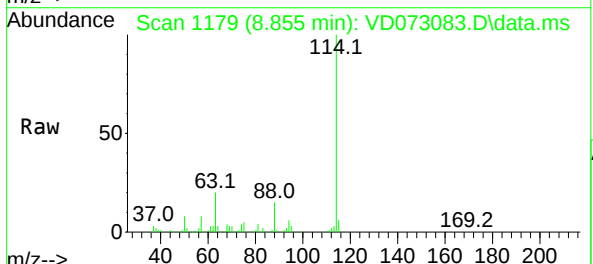
Tgt Ion: 114 Resp: 521054

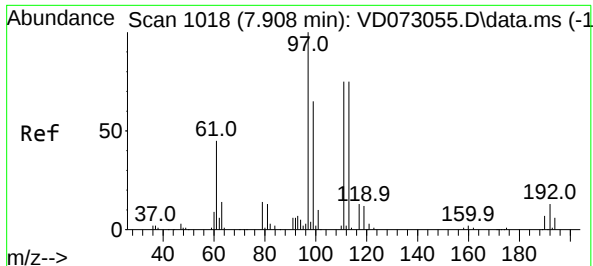
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.638 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

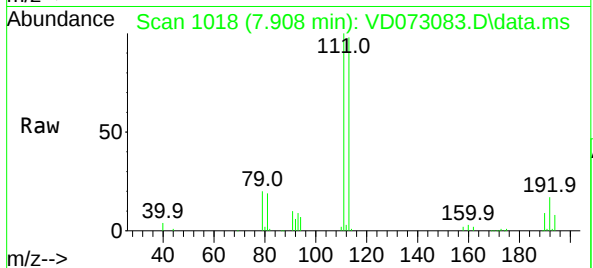
Lab File: VD073083.D

Acq: 18 May 2022 04:40

Instrument :

MSVOA_D

ClientSampleId :



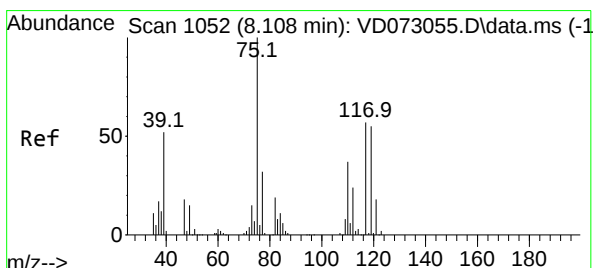
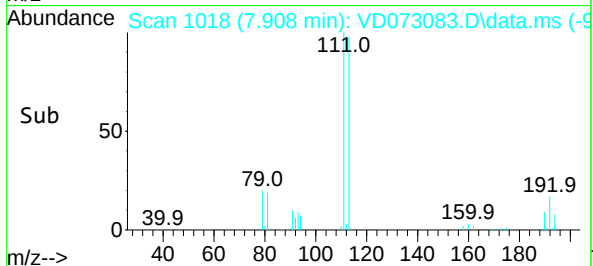
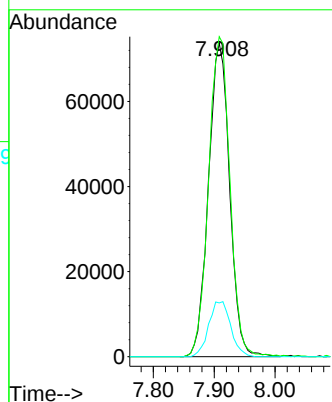
Tgt Ion:113 Resp: 177937

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.215 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073083.D

Acq: 18 May 2022 04:40

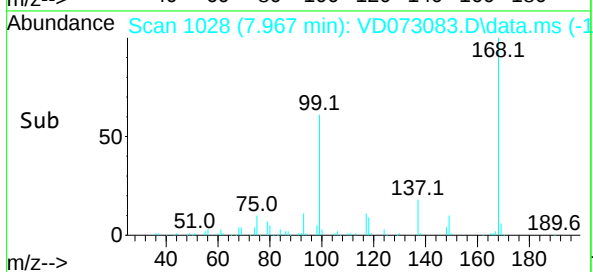
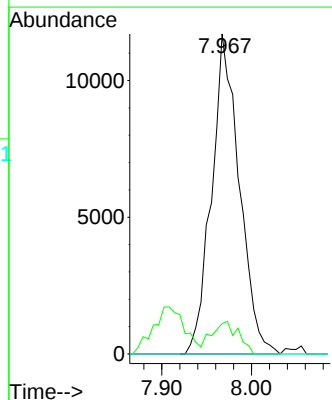
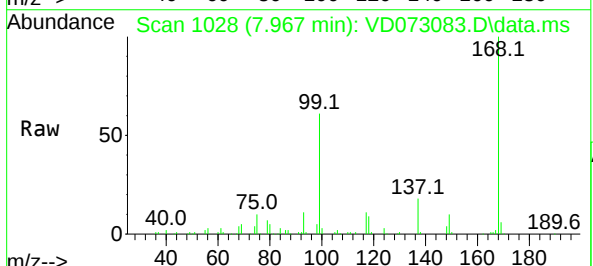
Tgt Ion: 75 Resp: 25125

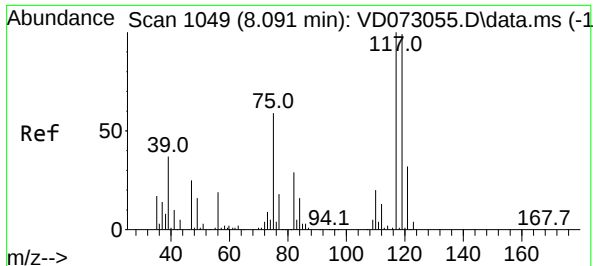
Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.212 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

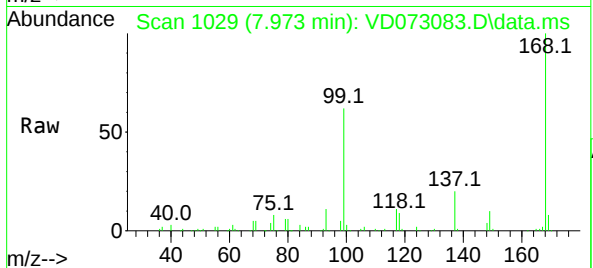
Lab File: VD073083.D

Acq: 18 May 2022 04:40

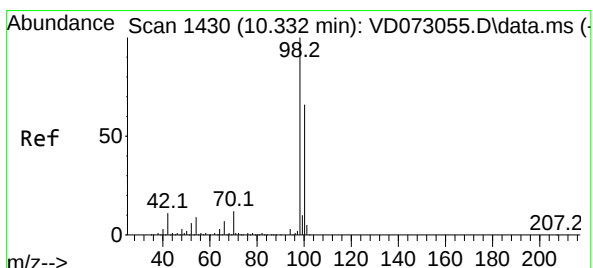
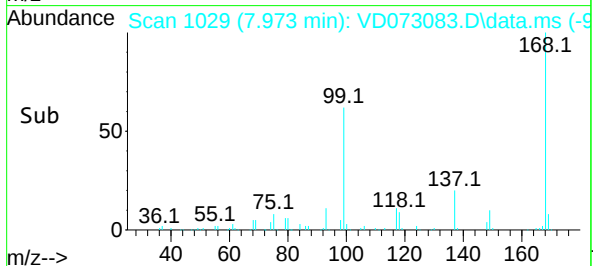
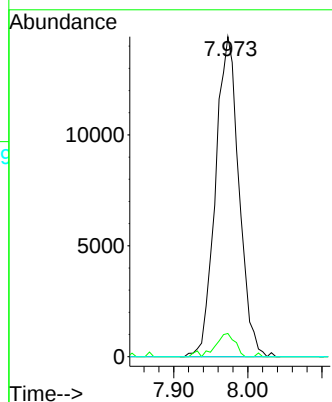
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:117	Resp:	31783
Ion	Ratio	Lower Upper
117	100	
119	7.3	75.8 113.6#
121	0.0	24.5 36.7#



#50

Toluene-d8

Concen: 48.132 ug/l

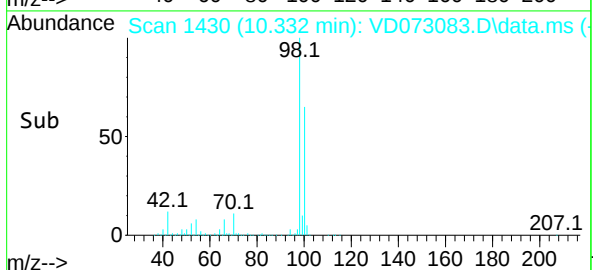
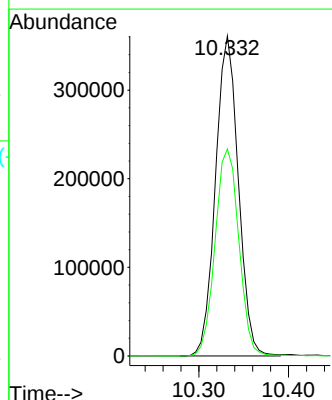
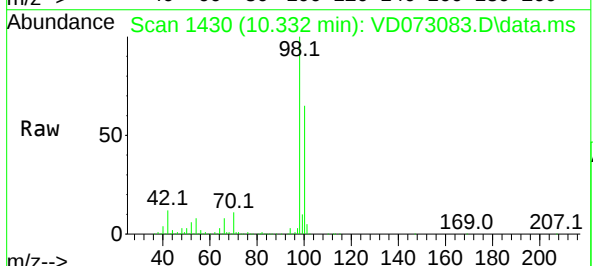
RT: 10.332 min Scan# 1430

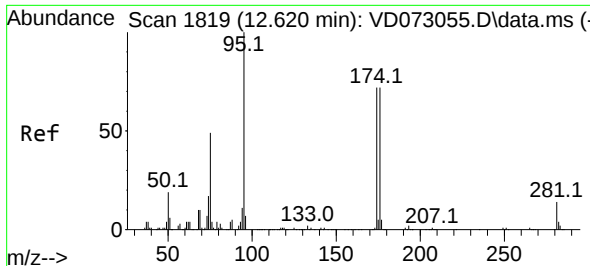
Delta R.T. -0.000 min

Lab File: VD073083.D

Acq: 18 May 2022 04:40

Tgt Ion: 98	Resp:	638797
Ion	Ratio	Lower Upper
98	100	
100	67.3	52.4 78.6

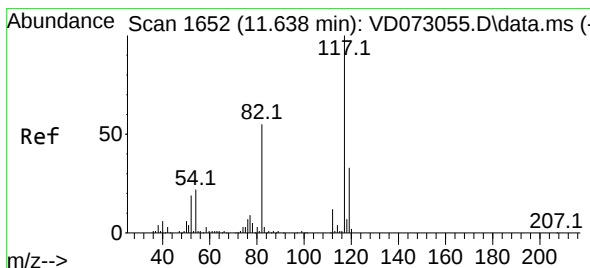
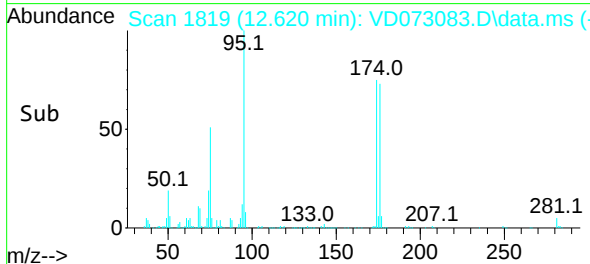
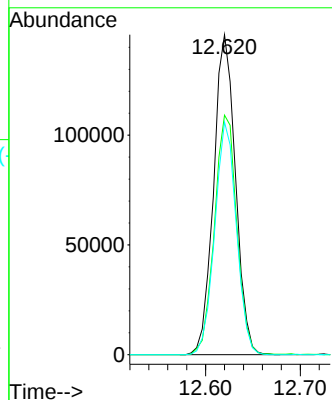
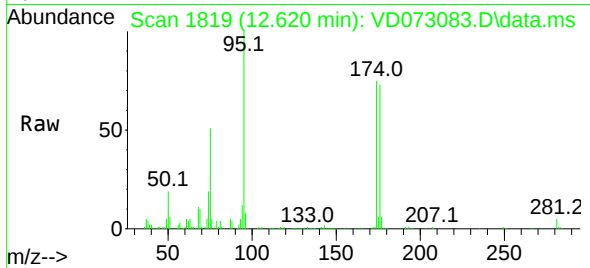




#62
4-Bromofluorobenzene
Concen: 48.622 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

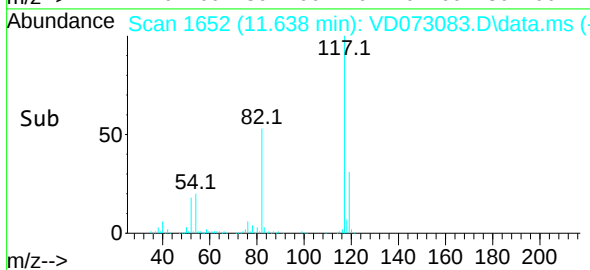
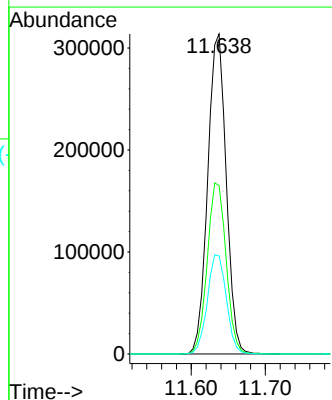
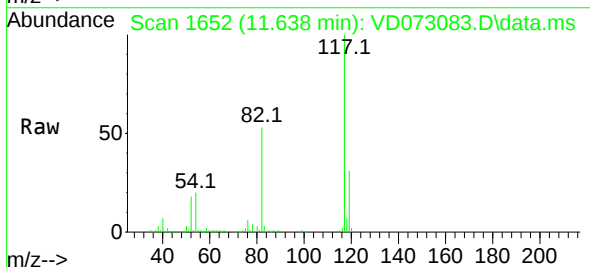
Instrument :
MSVOA_D
ClientSampleId :

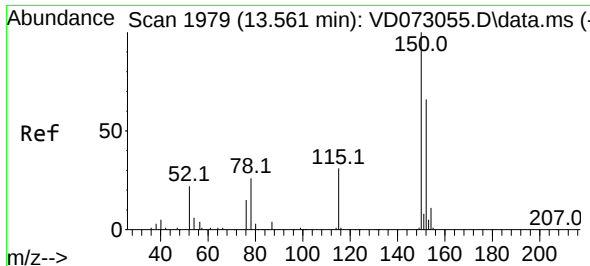
Tgt Ion: 95 Resp: 233726
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 71.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

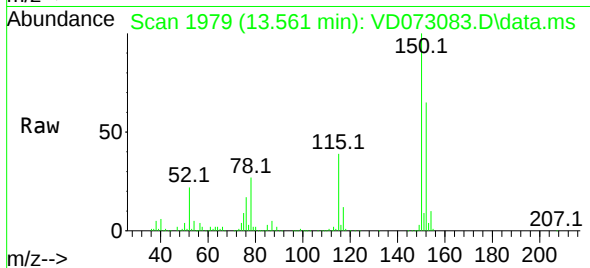
Tgt Ion: 117 Resp: 543739
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 30.6 26.6 40.0



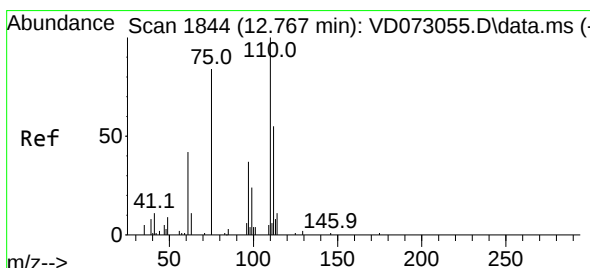
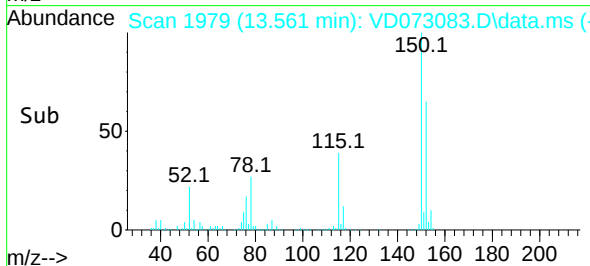
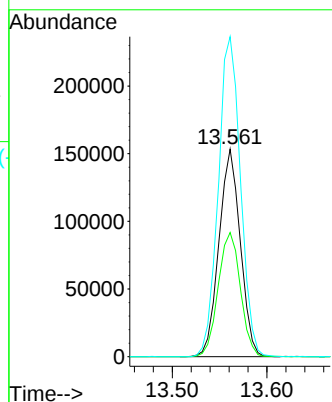


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073083.D
 Acq: 18 May 2022 04:40

Instrument :
 MSVOA_D
 ClientSampleId :

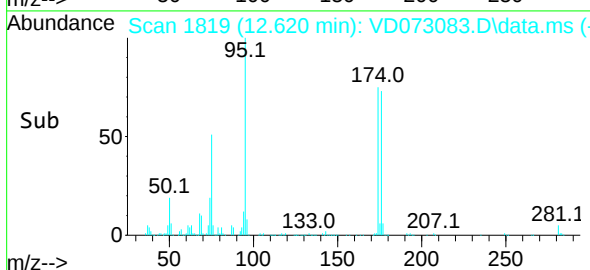
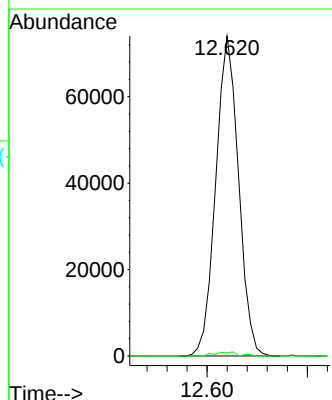
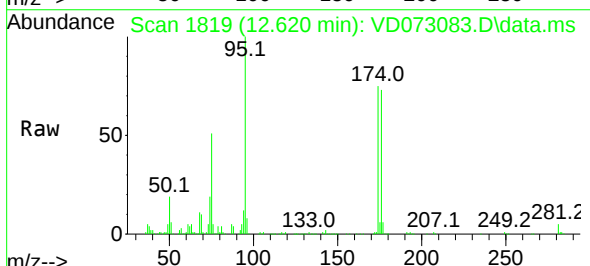


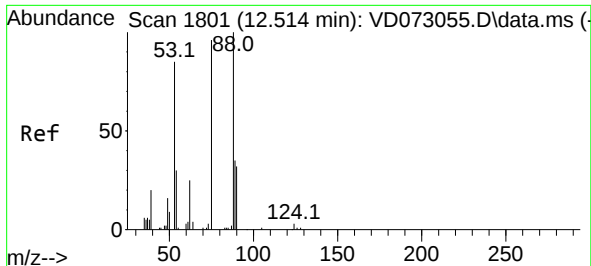
Tgt Ion:152 Resp: 240294
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.3 93.8
 150 160.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 42.888 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073083.D
 Acq: 18 May 2022 04:40

Tgt Ion: 75 Resp: 116499
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

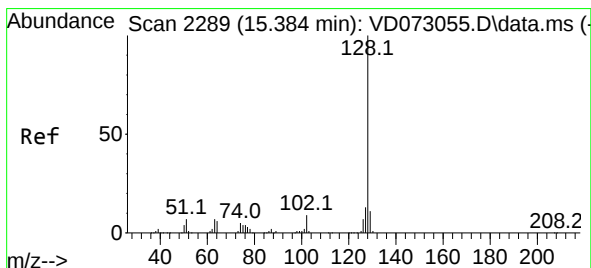
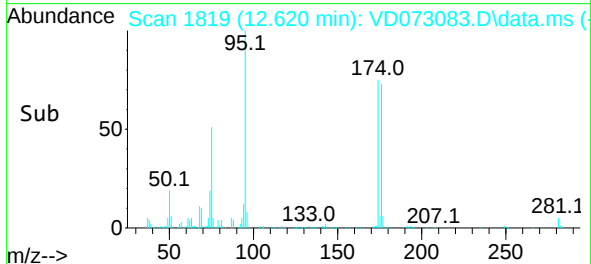
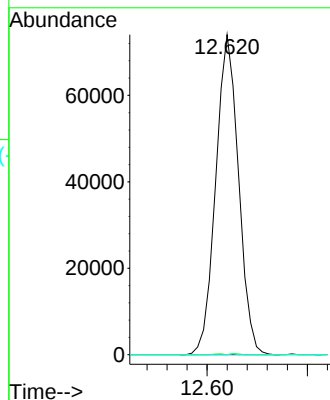
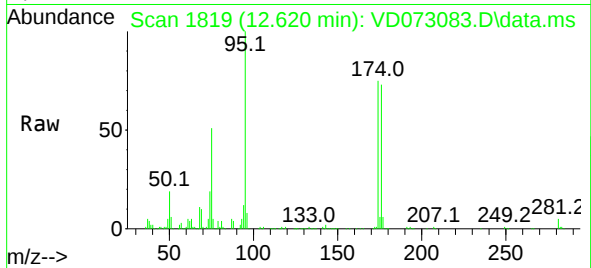




#81
trans-1,4-Dichloro-2-butene
Concen: 102.835 ug/l
RT: 12.620 min Scan# 116499
Delta R.T. 0.106 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 116499
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 4.310 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD073083.D
Acq: 18 May 2022 04:40

Tgt Ion:128 Resp: 507
Ion Ratio Lower Upper
128 100
127 24.5 10.3 15.5#
129 0.0 8.4 12.6#

