

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073071.D
 Acq On : 17 May 2022 22:56
 Operator : VA/SY
 Sample : VD0517SBL02
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:12:19 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)

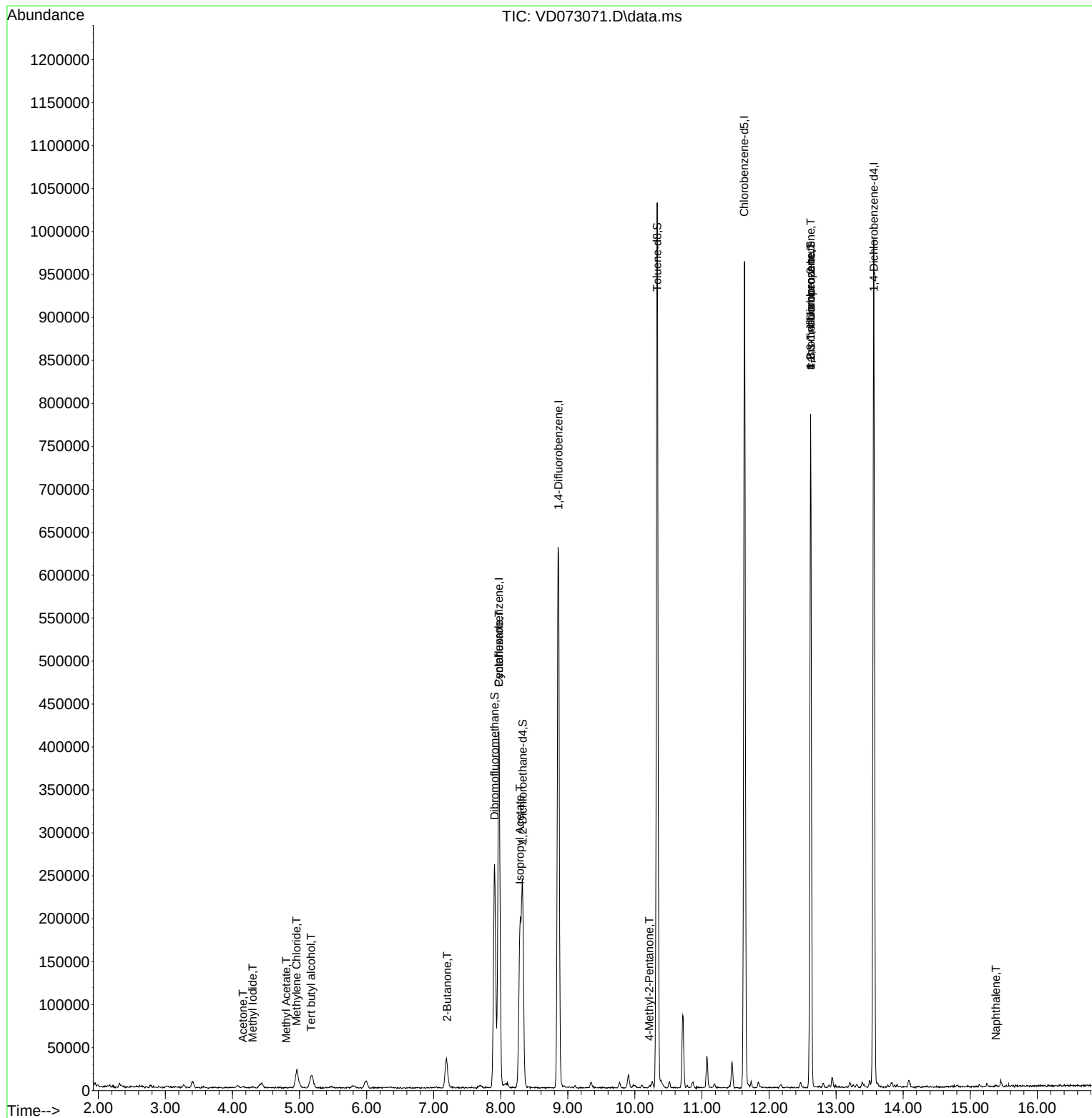
Internal Standards						
1) Pentafluorobenzene	7.973	168	299674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	557667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	566713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	249641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172920	46.141	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.280%		
35) Dibromofluoromethane	7.909	113	187299	47.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.680%		
50) Toluene-d8	10.332	98	685877	48.286	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.620	95	242377	47.111	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.220%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	1693	4.625	ug/l #	61
11) Tert butyl alcohol	5.173	59	7427	12.812	ug/l #	74
16) Acetone	4.156	43	3388	4.996	ug/l #	73
18) Methyl Acetate	4.803	43	79	1.497	ug/l #	55
20) Methylene Chloride	4.956	84	14824	3.012	ug/l	91
25) 2-Butanone	7.203	43	2117	2.061	ug/l #	52
31) Cyclohexane	7.973	56	9266	1.373	ug/l #	1
43) Isopropyl Acetate	8.285	43	4989	1.002	ug/l #	16
51) 4-Methyl-2-Pentanone	10.214	43	2891	1.112	ug/l #	79
76) 1,2,3-Trichloropropane	12.620	75	125509	44.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125509	106.640	ug/l #	7
95) Naphthalene	15.385	128	1065	4.360	ug/l #	70

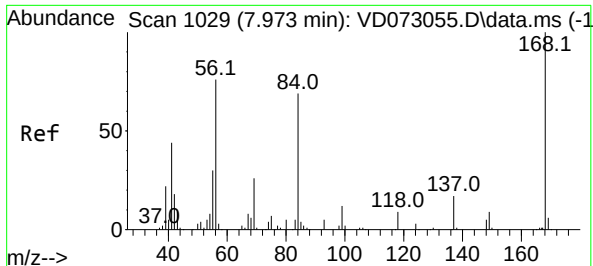
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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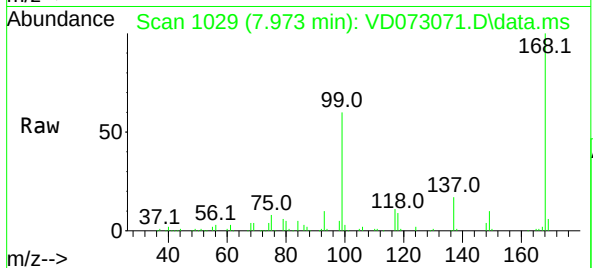
Quant Time: May 18 05:12:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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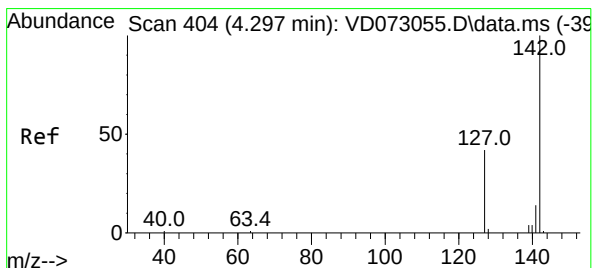
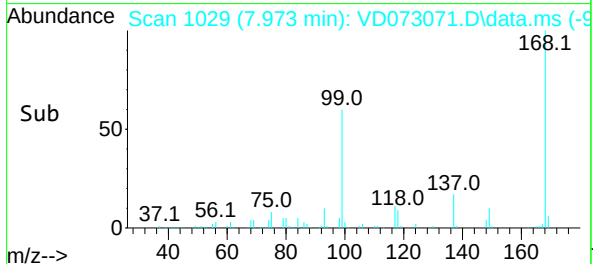
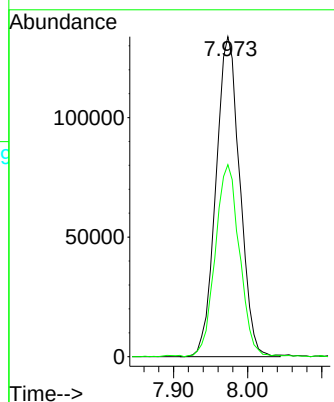


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Instrument :
MSVOA_D
ClientSampleId :

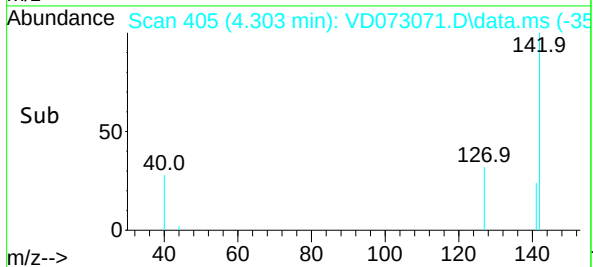
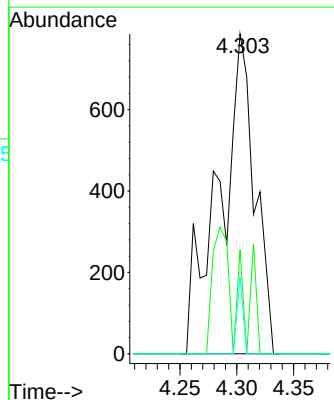
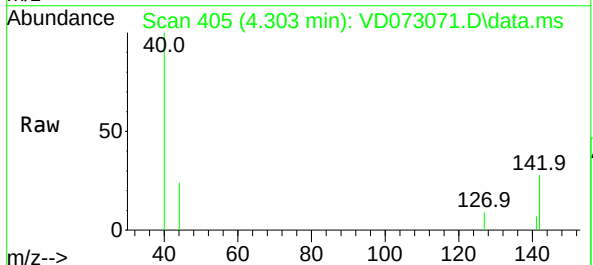


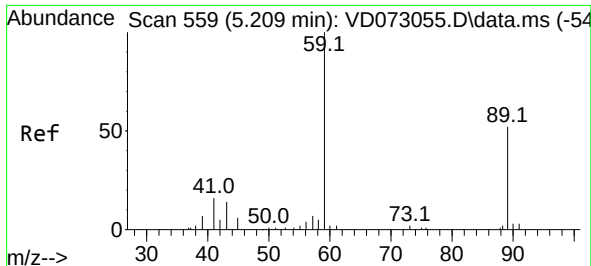
Tgt Ion:168 Resp: 299674
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6



#10
Methyl Iodide
Concen: 4.625 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Tgt Ion:142 Resp: 1693
Ion Ratio Lower Upper
142 100
127 17.5 37.3 55.9#
141 4.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 12.812 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.036 min

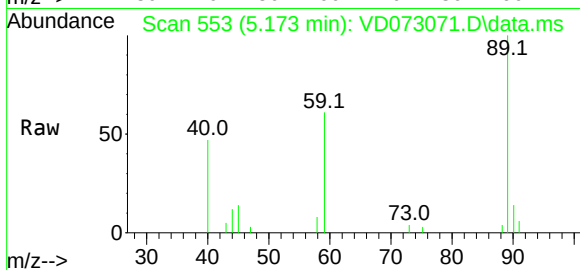
Lab File: VD073071.D

Acq: 17 May 2022 22:56

Instrument :

MSVOA_D

ClientSampleId :

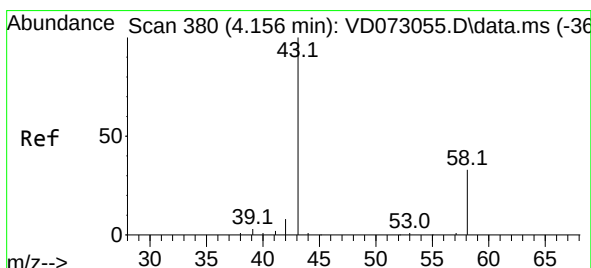
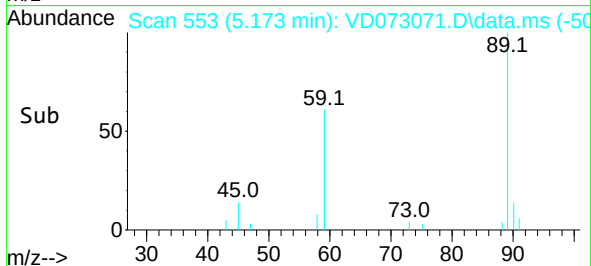
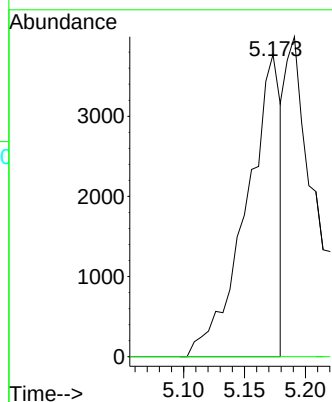


Tgt Ion: 59 Resp: 7427

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 4.996 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD073071.D

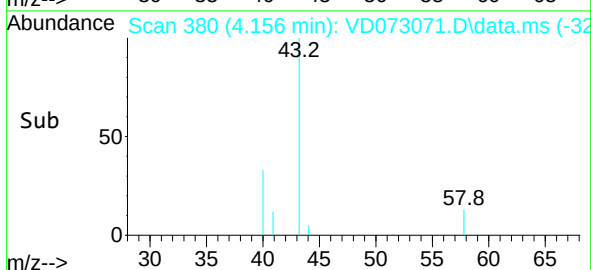
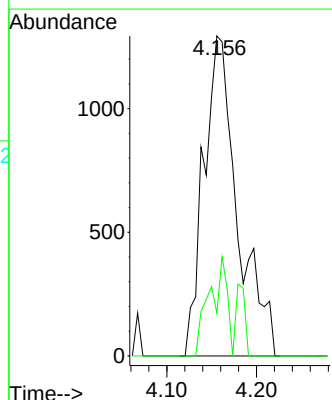
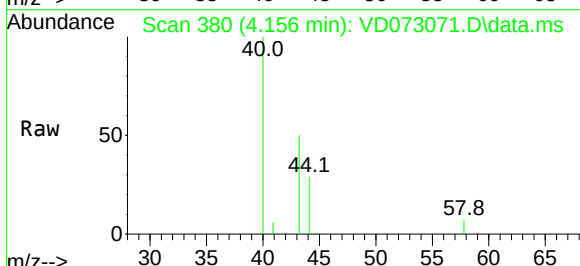
Acq: 17 May 2022 22:56

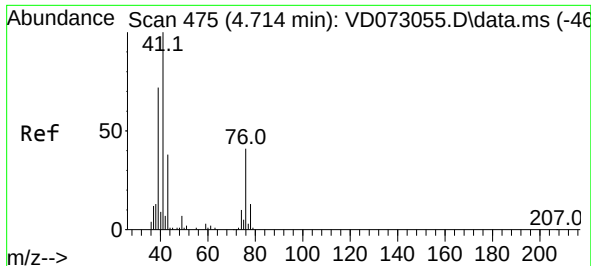
Tgt Ion: 43 Resp: 3388

Ion Ratio Lower Upper

43 100

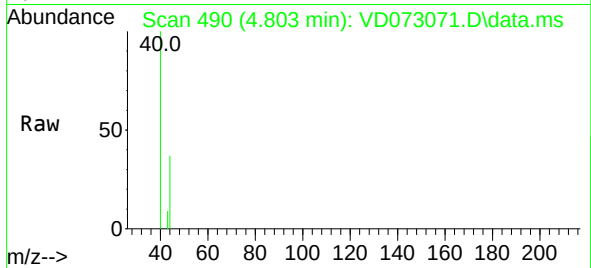
58 13.4 22.1 33.1#



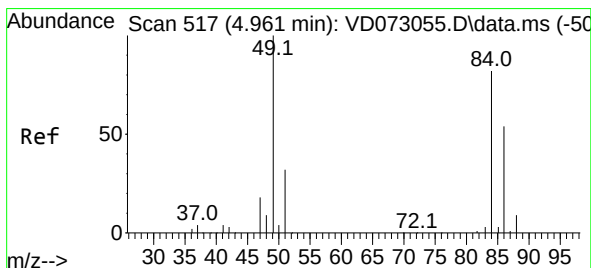
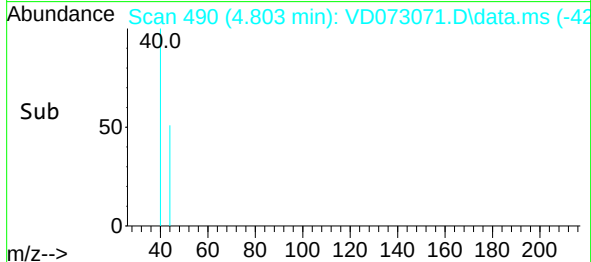
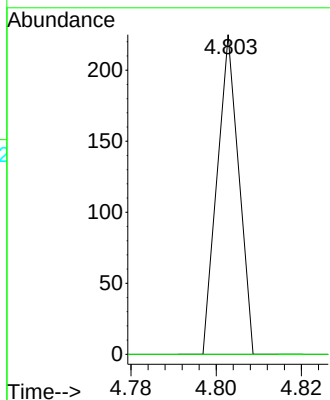


#18
Methyl Acetate
Concen: 1.497 ug/l
RT: 4.803 min Scan# 490
Delta R.T. 0.089 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Instrument :
MSVOA_D
ClientSampleId :

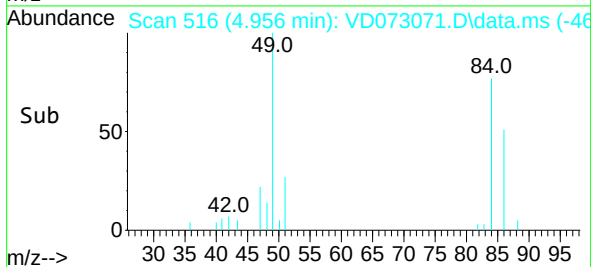
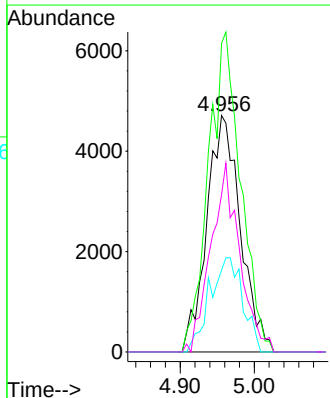
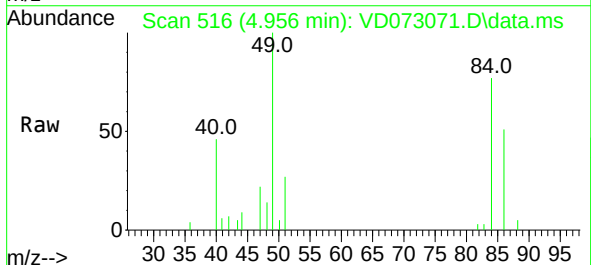


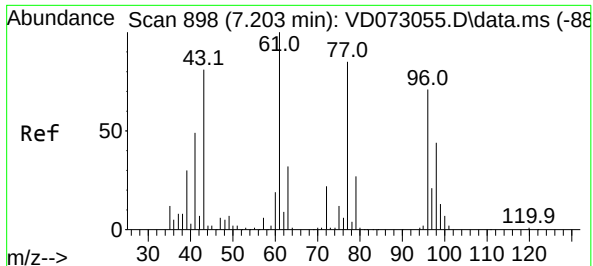
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.012 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Tgt Ion: 84 Resp: 14824
Ion Ratio Lower Upper
84 100
49 130.5 112.8 169.2
51 34.6 32.6 48.8
86 66.6 47.9 71.9

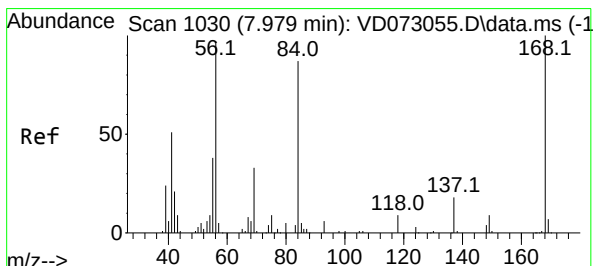
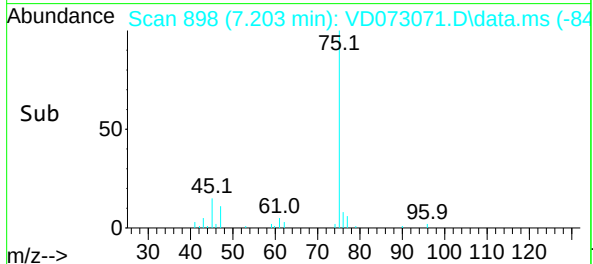
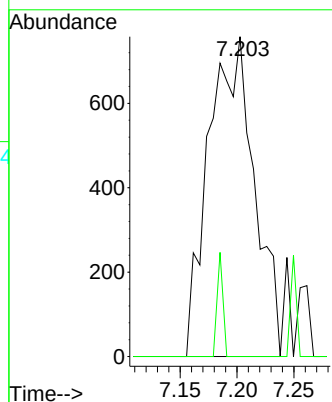
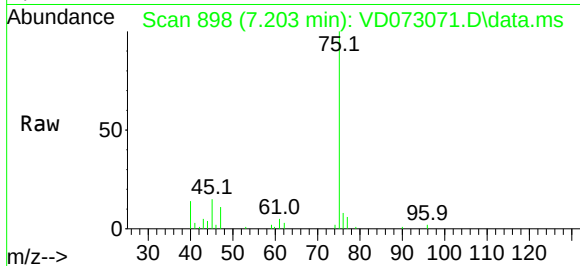




#25
2-Butanone
Concen: 2.061 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

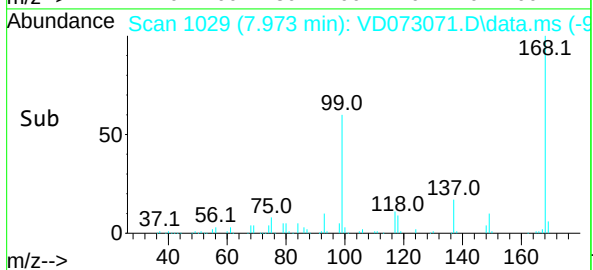
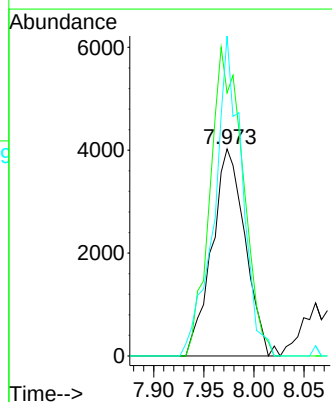
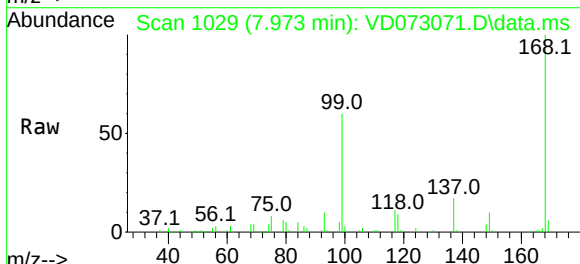
Instrument :
MSVOA_D
ClientSampleId :

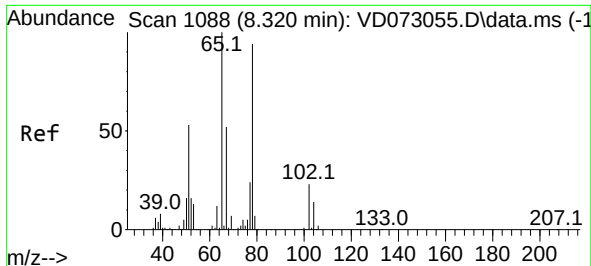
Tgt Ion: 43 Resp: 2117
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Tgt Ion: 56 Resp: 9266
Ion Ratio Lower Upper
56 100
69 127.0 25.4 38.2#
84 154.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.141 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073071.D

Acq: 17 May 2022 22:56

Instrument :

MSVOA_D

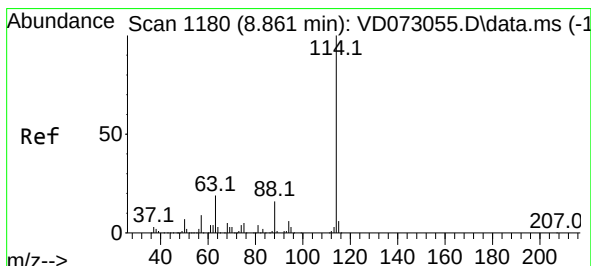
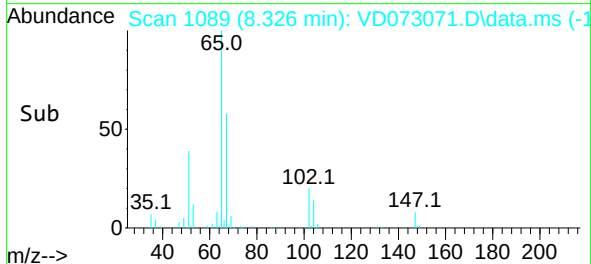
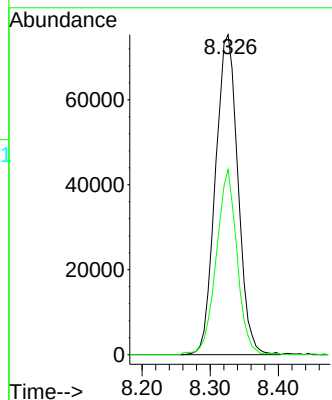
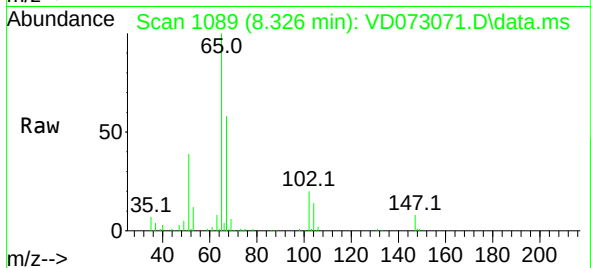
ClientSampleId :

Tgt Ion: 65 Resp: 172920

Ion Ratio Lower Upper

65 100

67 53.6 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: VD073071.D

Acq: 17 May 2022 22:56

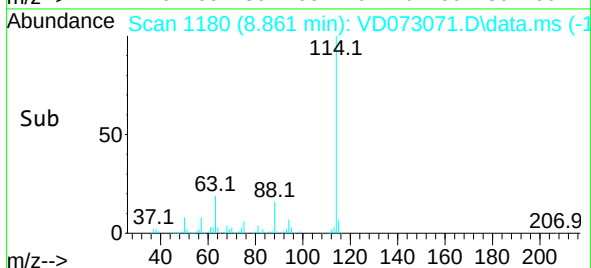
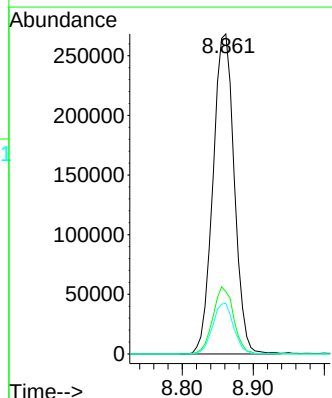
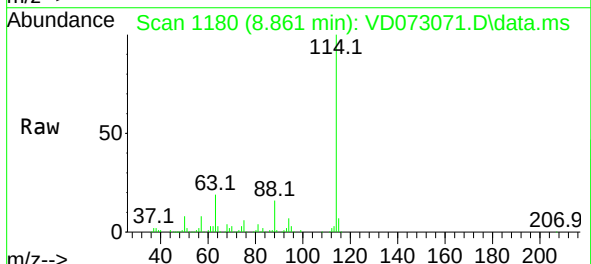
Tgt Ion: 114 Resp: 557667

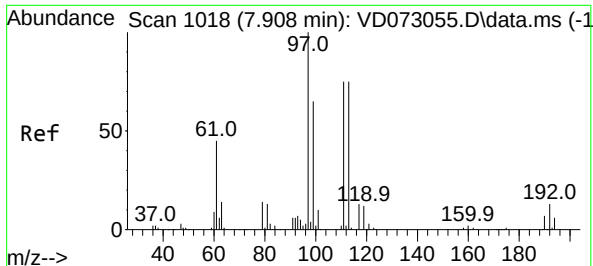
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.836 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

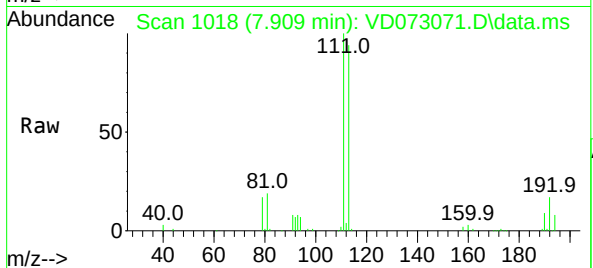
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Acq: 17 May 2022 22:56

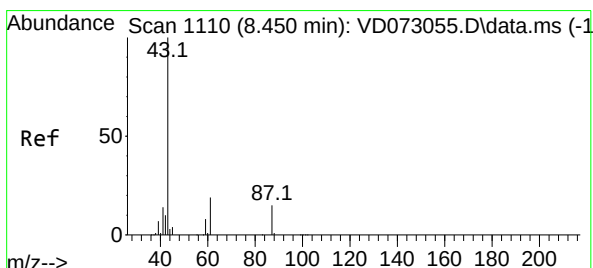
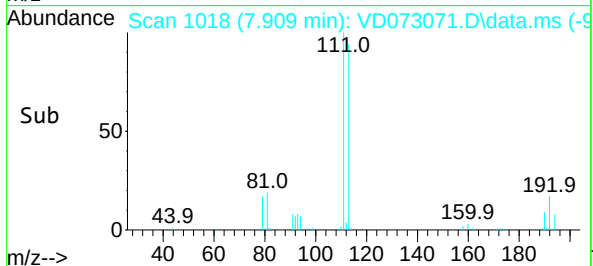
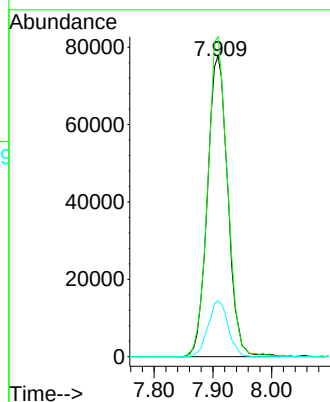
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	187299
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	18.3	14.6	21.8



#43

Isopropyl Acetate

Concen: 1.002 ug/l

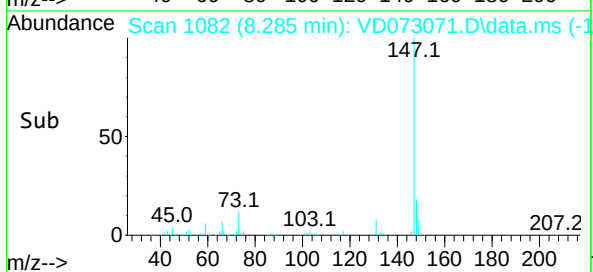
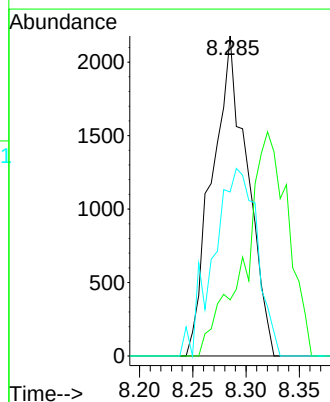
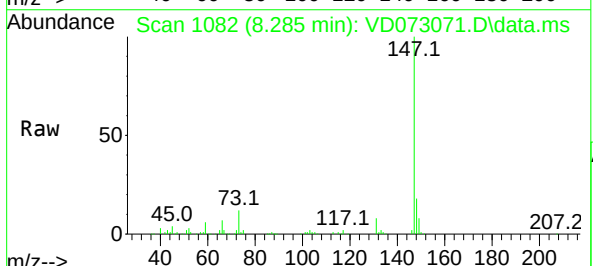
RT: 8.285 min Scan# 1082

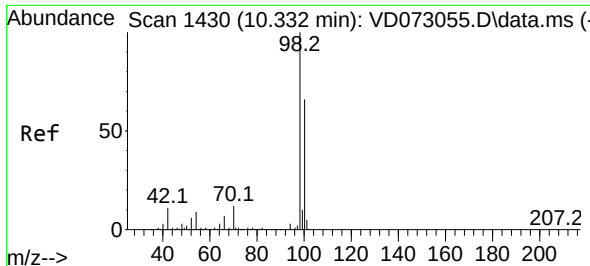
Delta R.T. -0.165 min

Lab File: VD073071.D

Acq: 17 May 2022 22:56

Tgt Ion:	43	Resp:	4989
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	73.1	8.7	13.1#

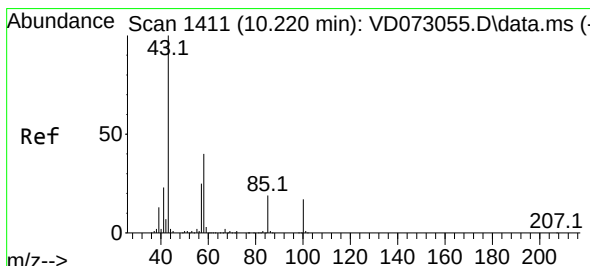
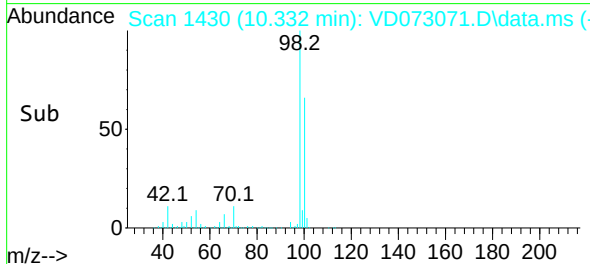
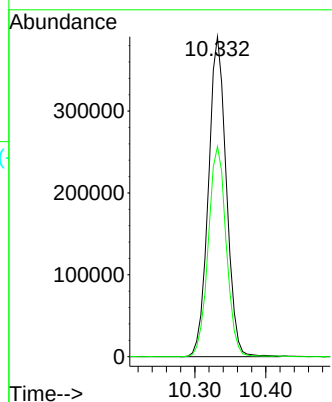
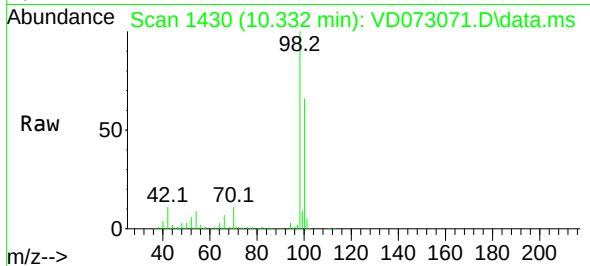




#50
Toluene-d8
Concen: 48.286 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

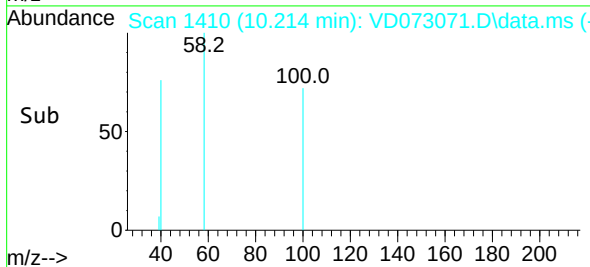
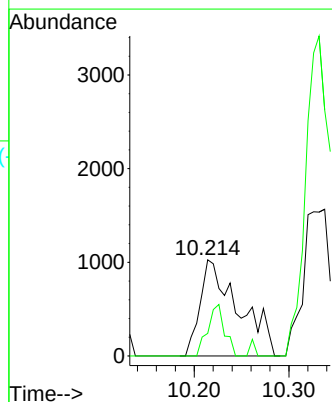
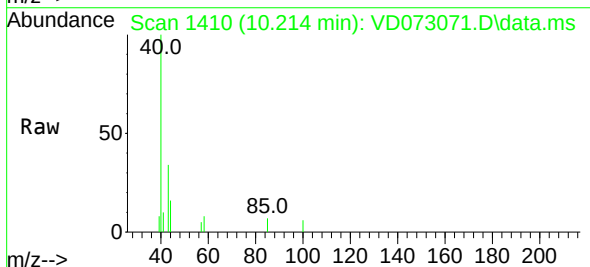
Instrument :
MSVOA_D
ClientSampleId :

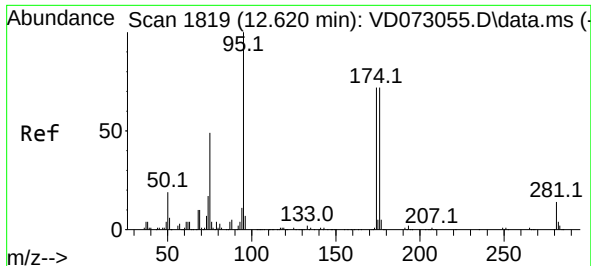
Tgt Ion: 98 Resp: 685877
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.112 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Tgt Ion: 43 Resp: 2891
Ion Ratio Lower Upper
43 100
58 23.3 28.6 43.0#

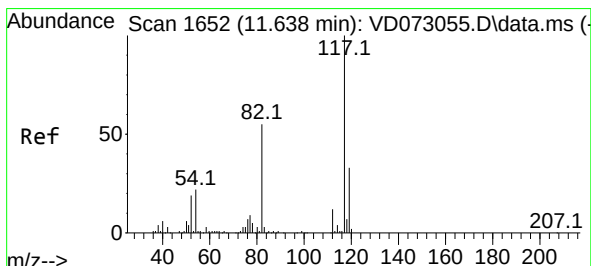
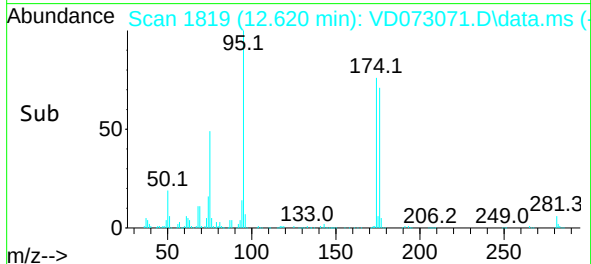
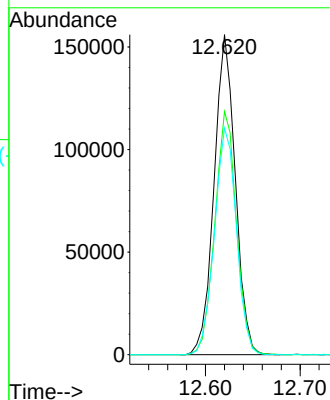
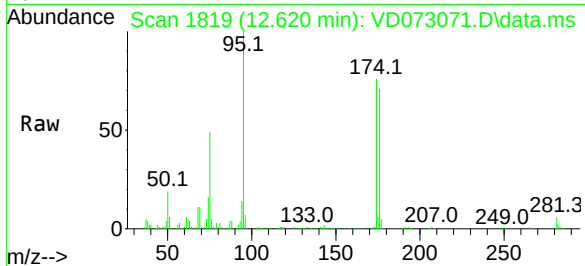




#62
4-Bromofluorobenzene
Concen: 47.111 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

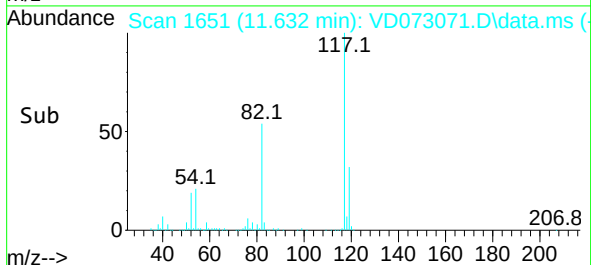
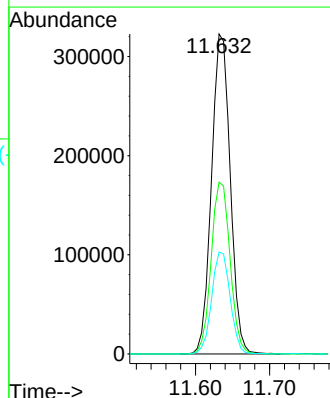
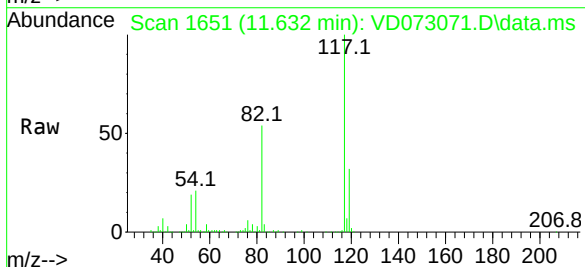
Instrument :
MSVOA_D
ClientSampleId :

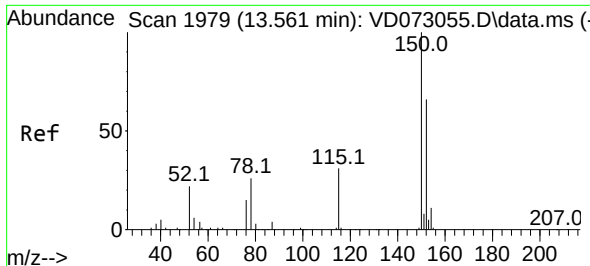
Tgt Ion: 95 Resp: 242377
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

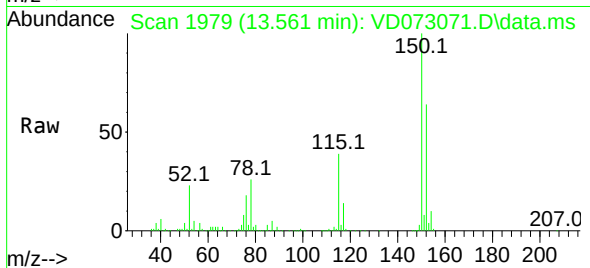
Tgt Ion: 117 Resp: 566713
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 31.9 26.6 40.0



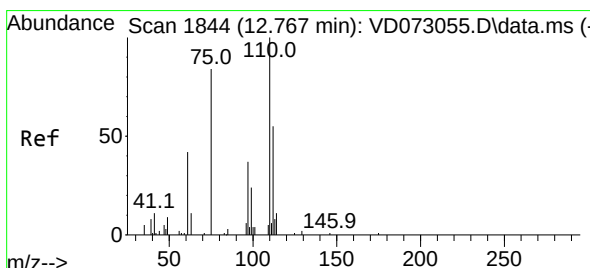
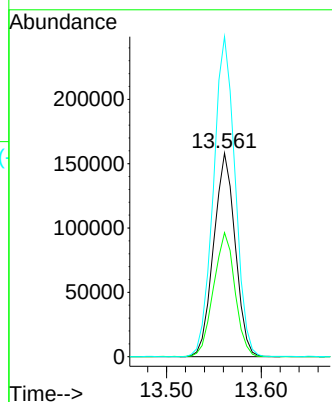
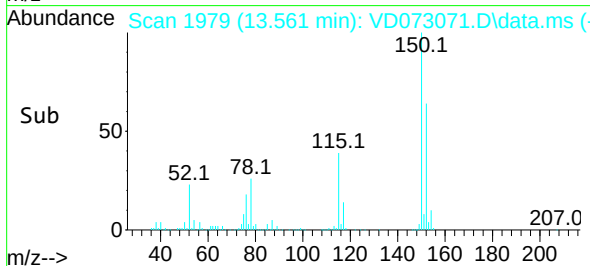


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073071.D
 Acq: 17 May 2022 22:56

Instrument :
 MSVOA_D
 ClientSampleId :

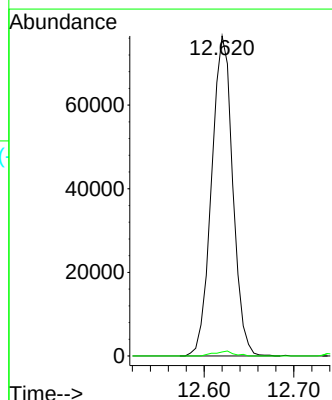
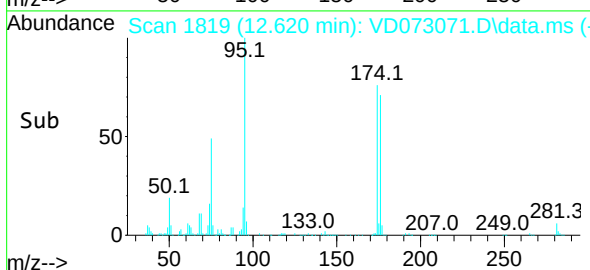
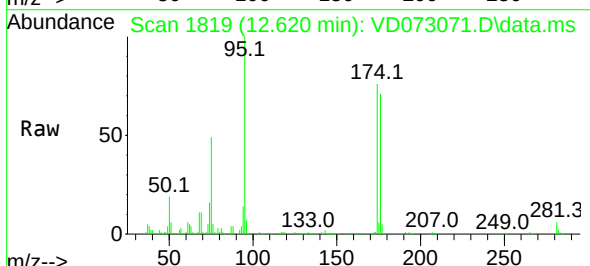


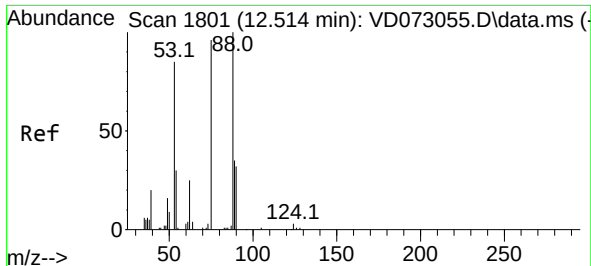
Tgt Ion:152 Resp: 249641
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.3 93.8
 150 158.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.475 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073071.D
 Acq: 17 May 2022 22:56

Tgt Ion: 75 Resp: 125509
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

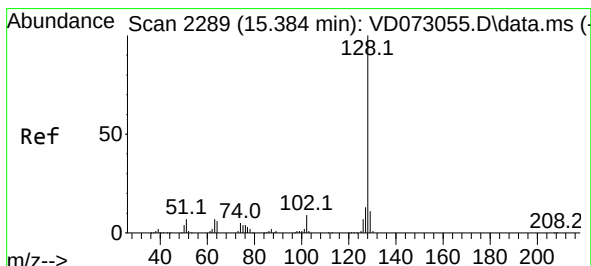
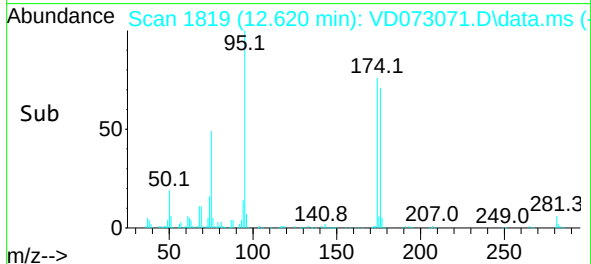
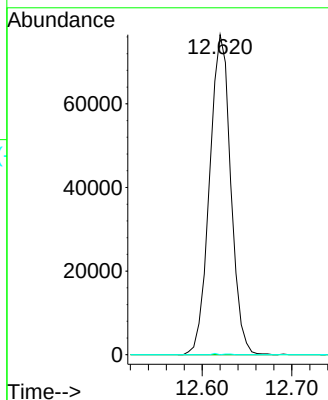
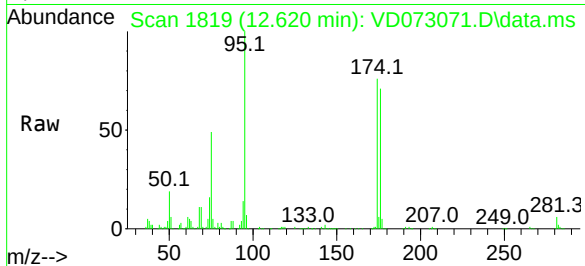




#81
trans-1,4-Dichloro-2-butene
Concen: 106.640 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 125509
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#



#95
Naphthalene
Concen: 4.360 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD073071.D
Acq: 17 May 2022 22:56

Tgt Ion: 128 Resp: 1065
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

