

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073131.D
 Acq On : 19 May 2022 08:02
 Operator : VA/SY
 Sample : N2842-06
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS002-0006-01

Quant Time: May 19 08:40:51 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)

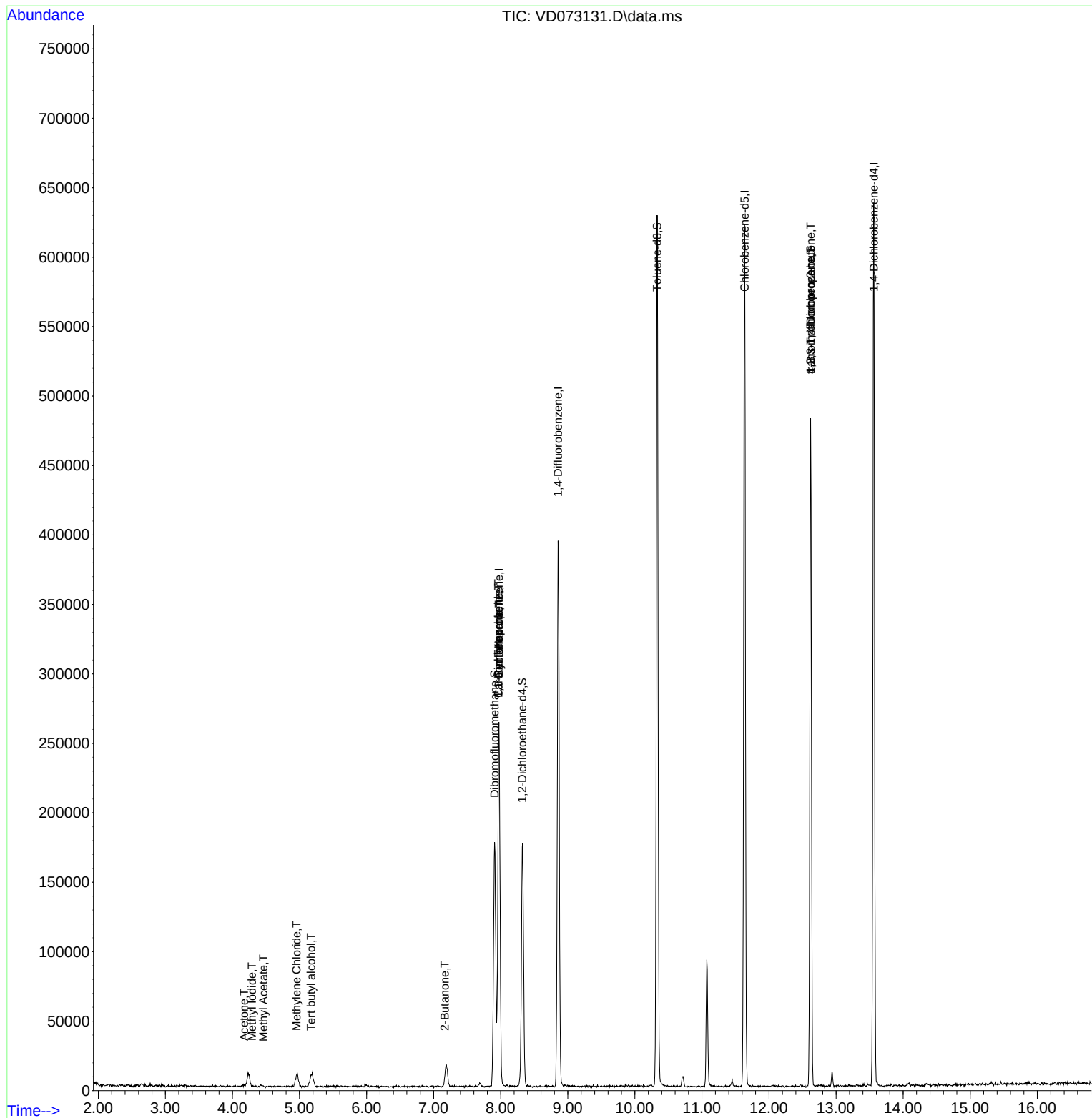
Internal Standards						
1) Pentafluorobenzene	7.973	168	186268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	336004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	378246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	137063	58.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.680%	
35) Dibromofluoromethane	7.908	113	129591	54.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.332	98	419484	49.014	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.620	95	158291	51.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	106	4.315	ug/l #	38
11) Tert butyl alcohol	5.173	59	4849	13.458	ug/l #	74
16) Acetone	4.173	43	1927	4.571	ug/l #	47
18) Methyl Acetate	4.462	43	123	1.554	ug/l #	55
20) Methylene Chloride	4.956	84	7473	2.443	ug/l #	82
25) 2-Butanone	7.167	43	656	1.028	ug/l #	52
31) Cyclohexane	7.973	56	4296	1.024	ug/l #	13
36) 1,1-Dichloropropene	7.967	75	16816	4.375	ug/l #	53
38) Carbon Tetrachloride	7.967	117	19923	5.066	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	79081	41.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	79081	99.330	ug/l #	7

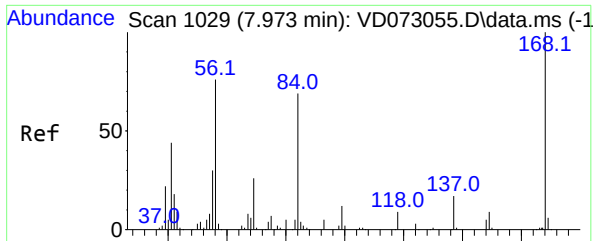
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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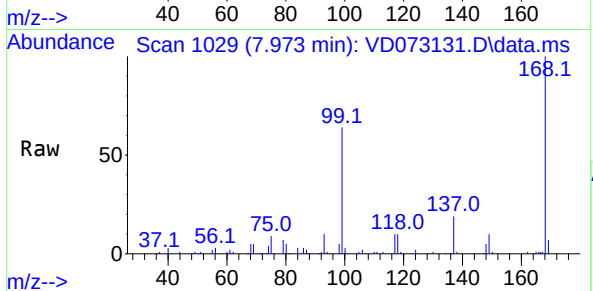
Quant Time: May 19 08:40:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
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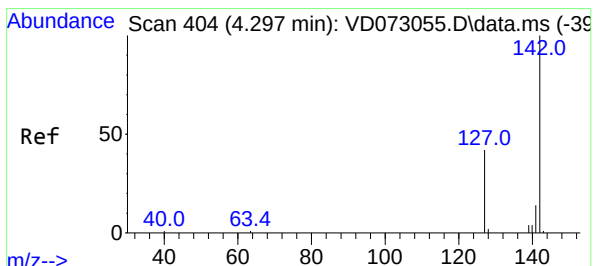
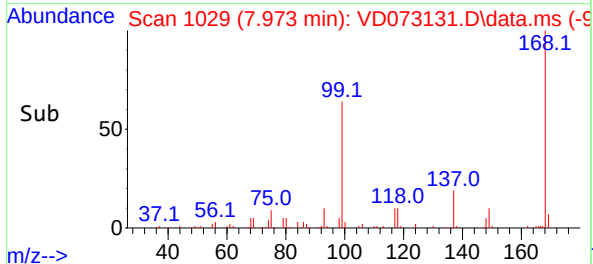
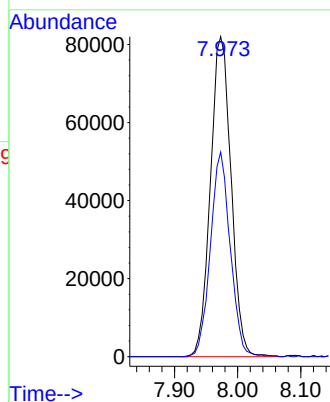


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

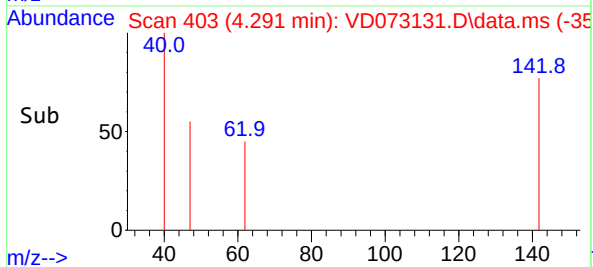
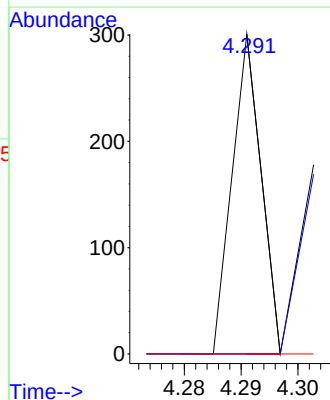
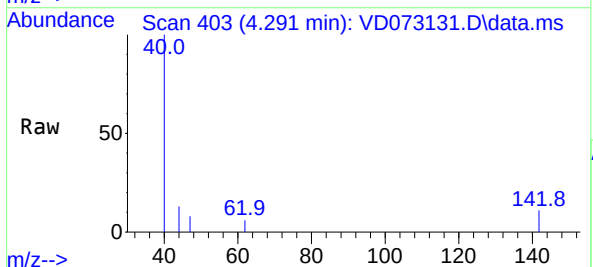


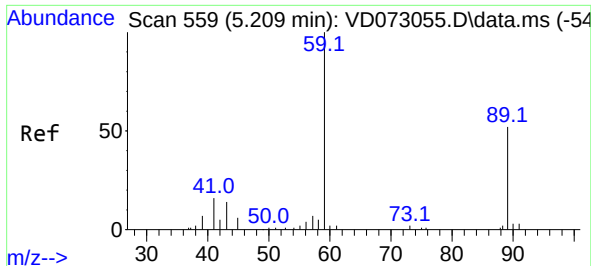
Tgt Ion:168 Resp: 186268
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#10
Methyl Iodide
Concen: 4.315 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion:142 Resp: 106
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

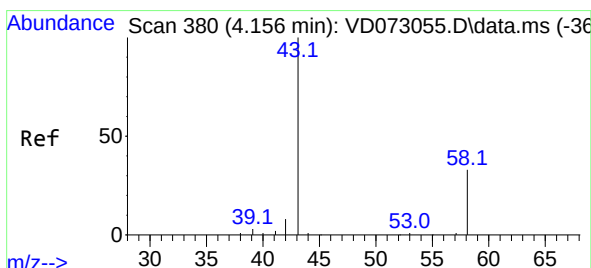
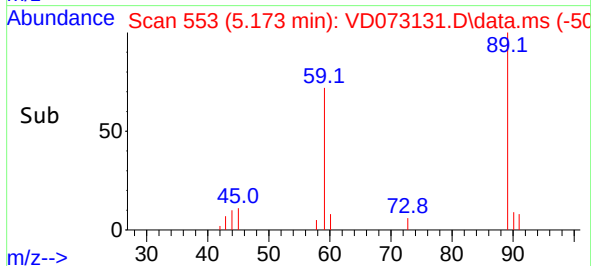
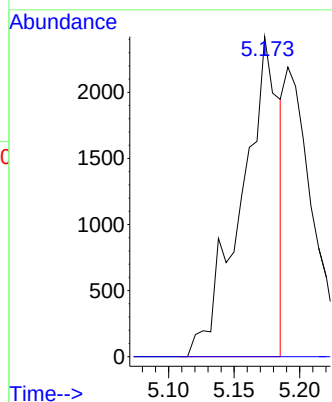
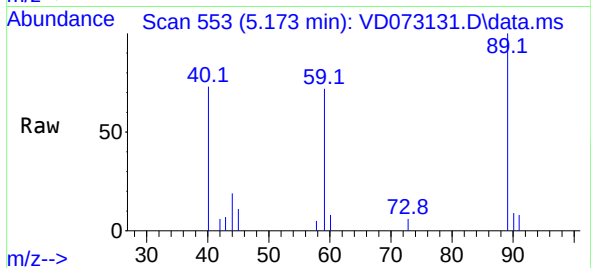




#11
Tert butyl alcohol
Concen: 13.458 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

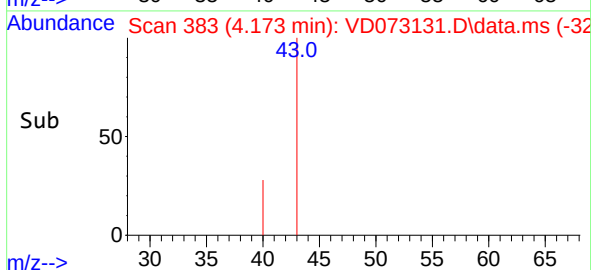
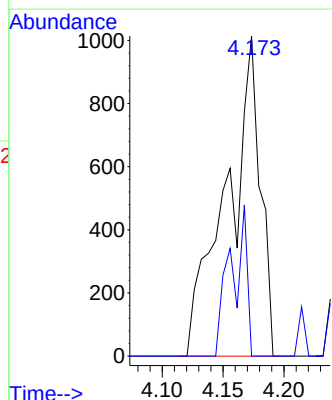
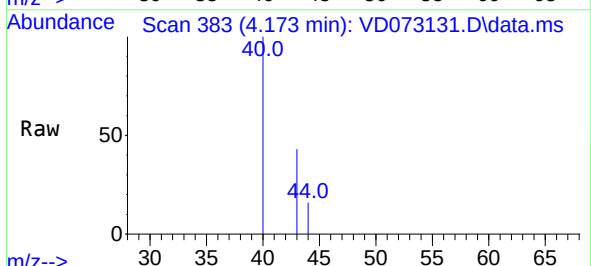
Instrument :
MSVOA_D
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P016-SS002-0006-01

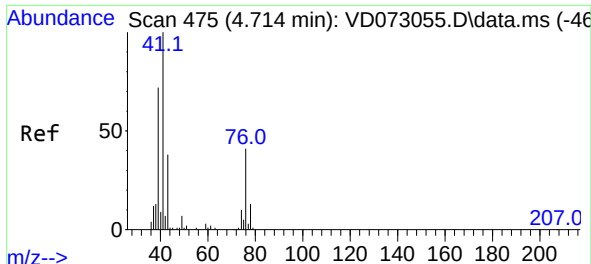
Tgt Ion: 59 Resp: 4849
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 4.571 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

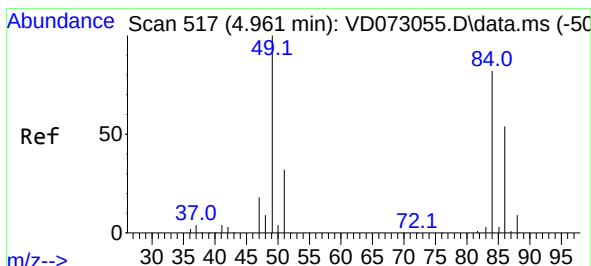
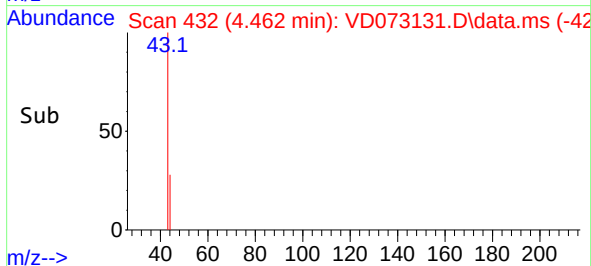
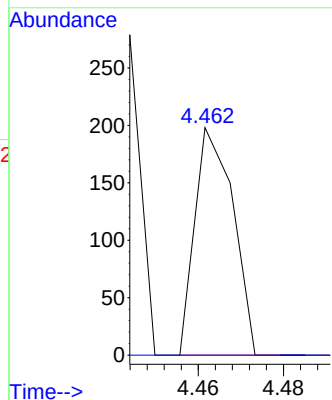
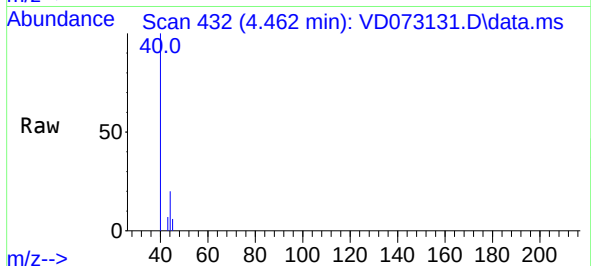




#18
Methyl Acetate
Concen: 1.554 ug/l
RT: 4.462 min Scan# 41
Delta R.T. -0.252 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

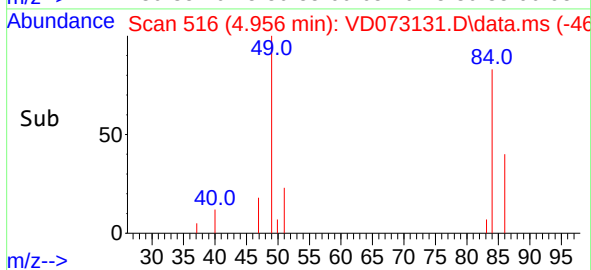
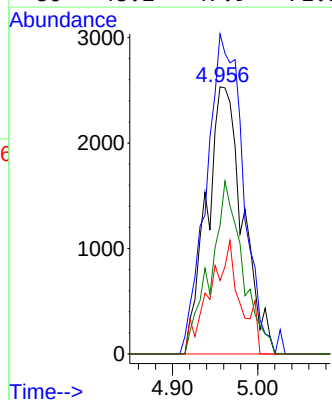
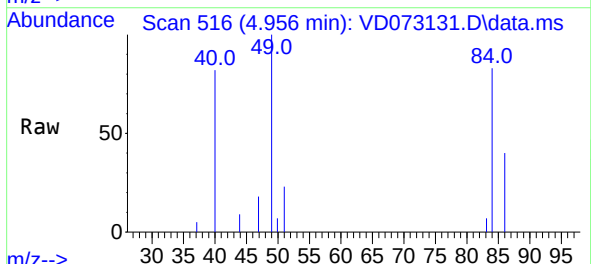
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

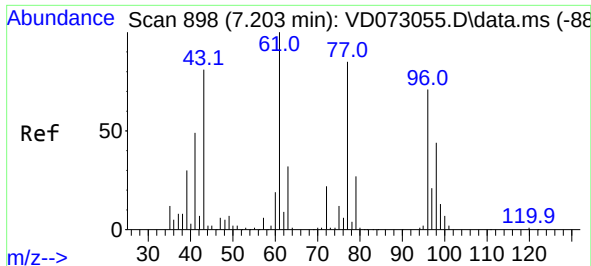
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 2.443 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 84 Resp: 7473
Ion Ratio Lower Upper
84 100
49 119.8 112.8 169.2
51 27.5 32.6 48.8#
86 48.2 47.9 71.9

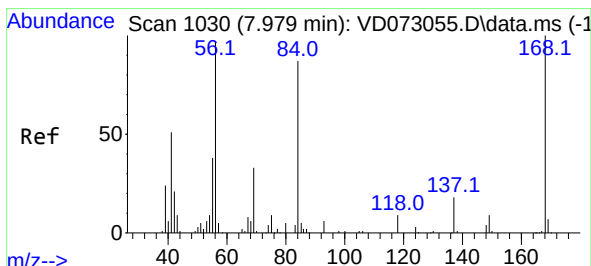
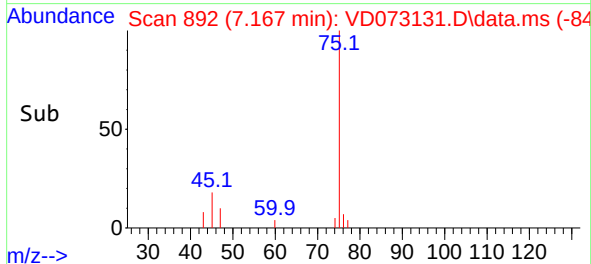
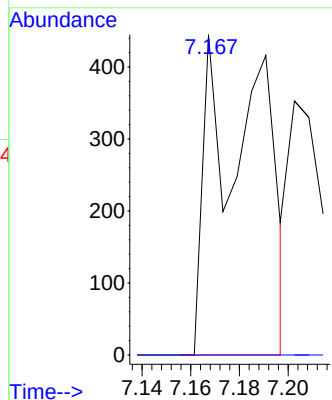
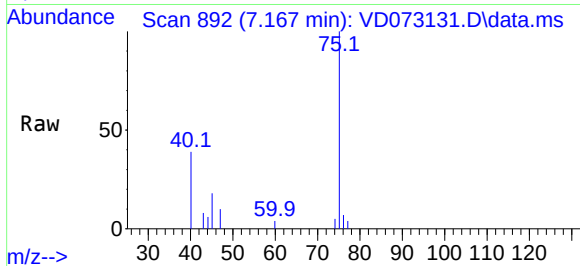




#25
2-Butanone
Concen: 1.028 ug/l
RT: 7.167 min Scan# 89
Delta R.T. -0.035 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

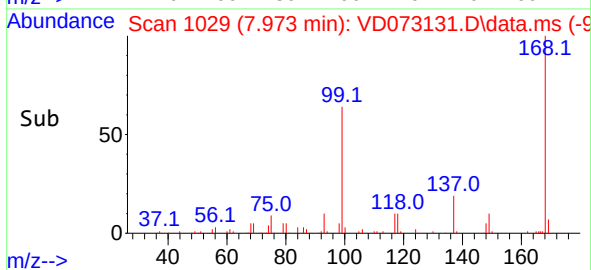
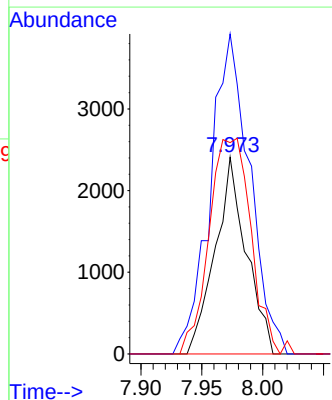
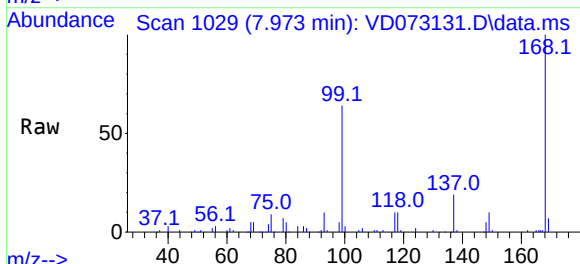
Instrument :
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ClientSampleId :
P016-SS002-0006-01

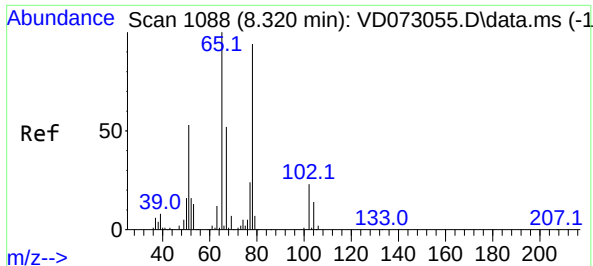
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 56 Resp: 4296
Ion Ratio Lower Upper
56 100
69 154.9 25.4 38.2#
84 107.4 63.0 94.4#

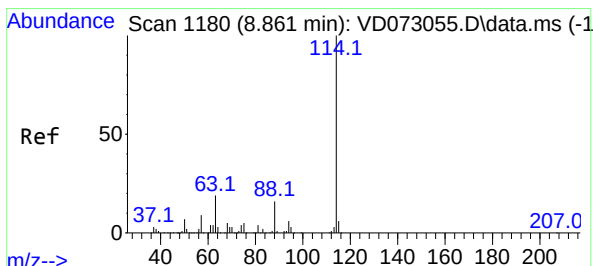
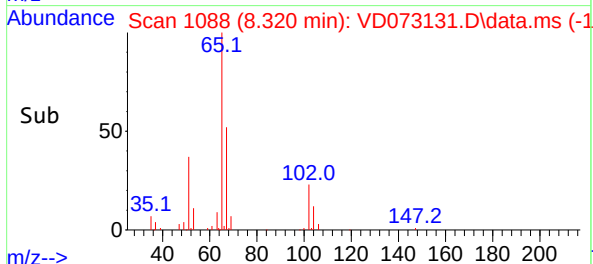
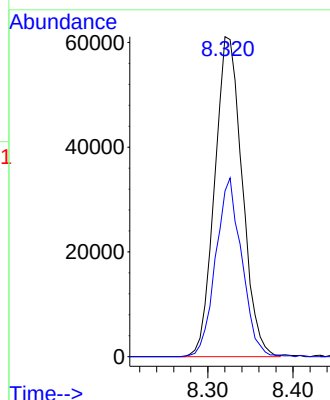
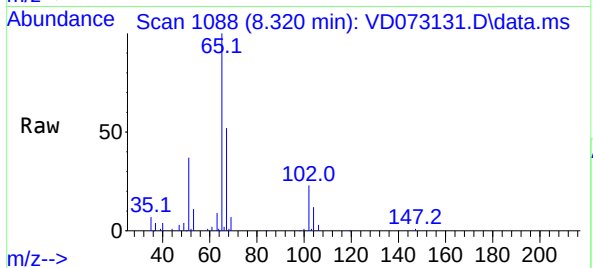




#33
1,2-Dichloroethane-d4
Concen: 58.840 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

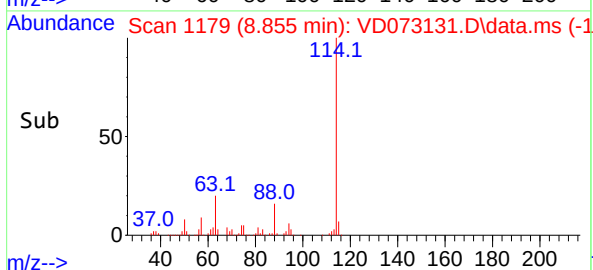
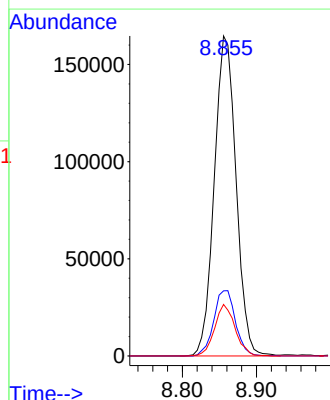
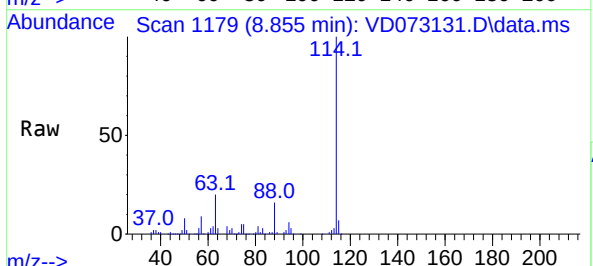
Instrument :
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ClientSampleId :
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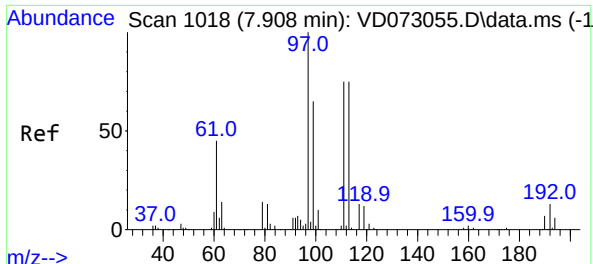
Tgt Ion: 65 Resp: 137063
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 114 Resp: 336004
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 16.1 0.0 33.2

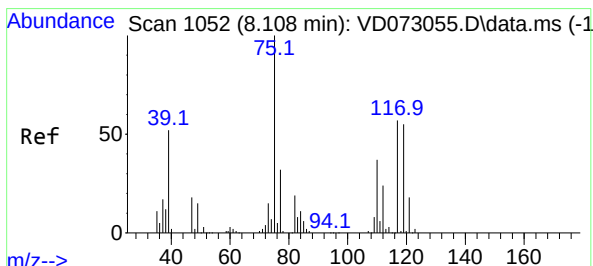
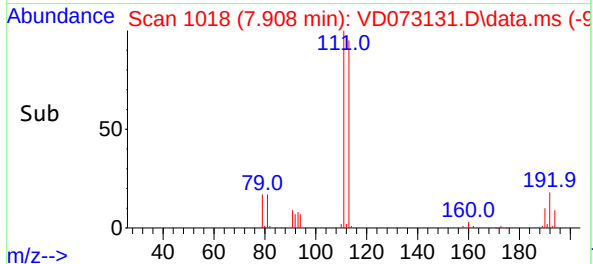
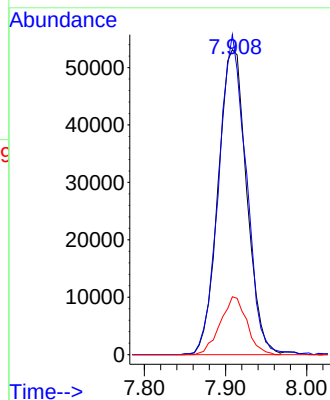
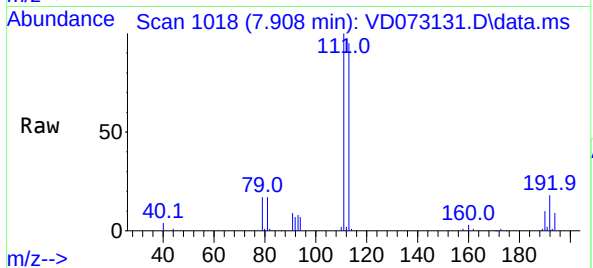




#35
Dibromofluoromethane
Concen: 54.932 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

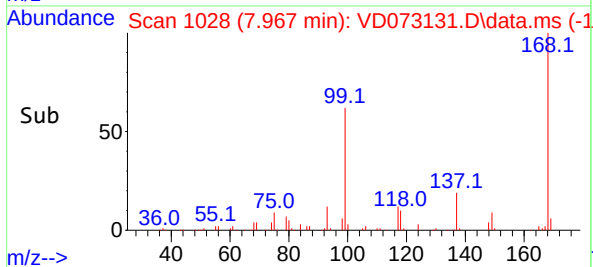
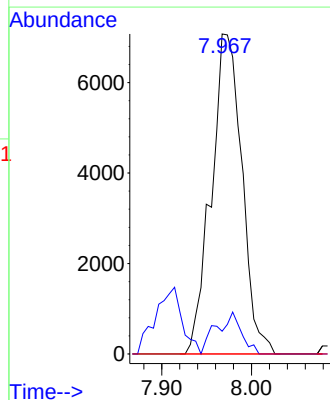
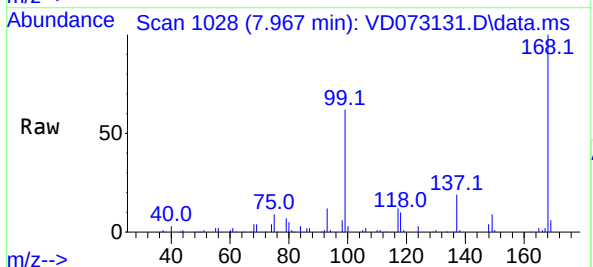
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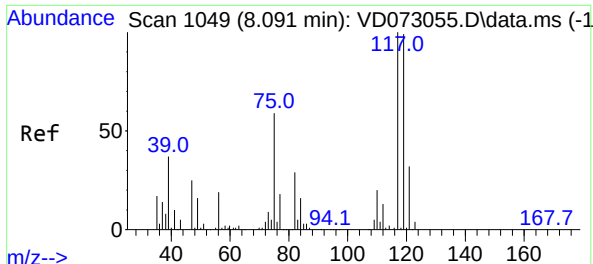
Tgt Ion:113 Resp: 129591
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.375 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

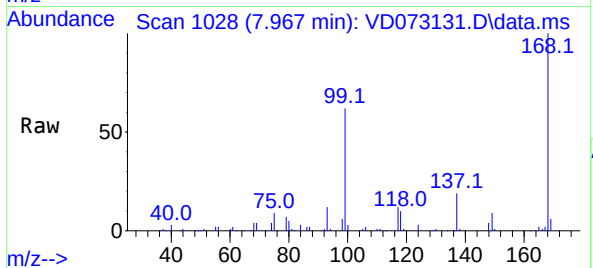
Tgt Ion: 75 Resp: 16816
Ion Ratio Lower Upper
75 100
110 10.6 16.4 49.1#
77 0.0 24.2 36.2#



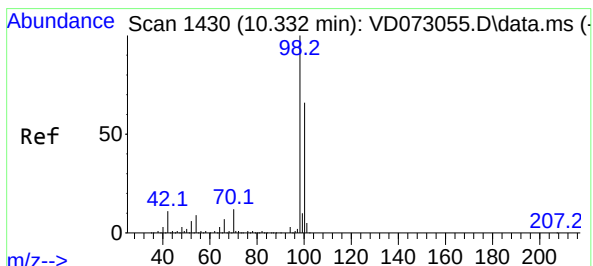
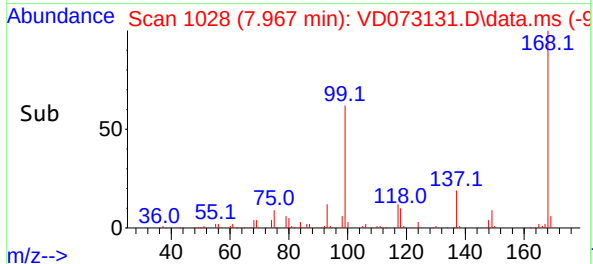
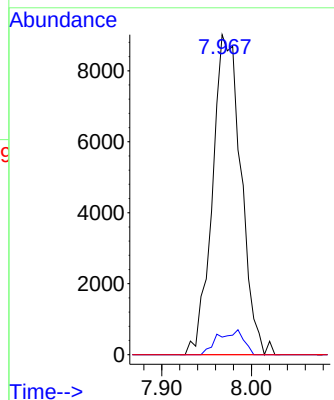


#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

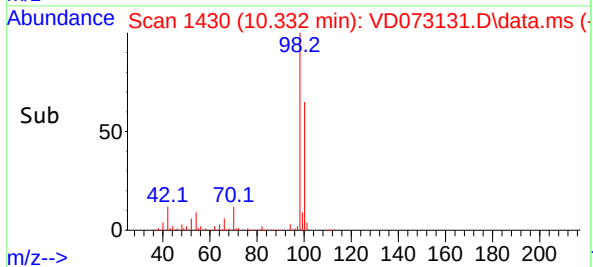
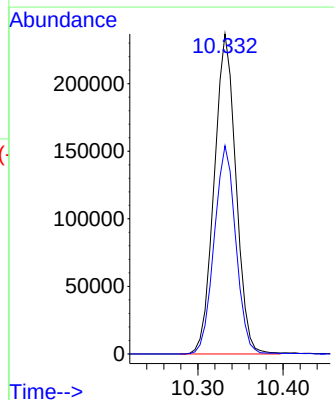
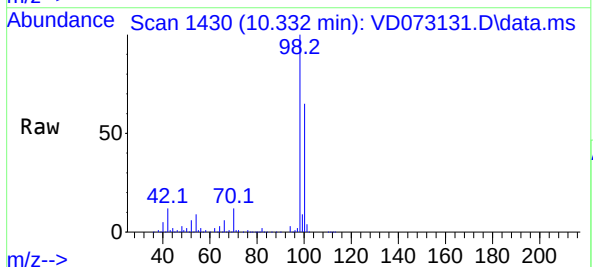


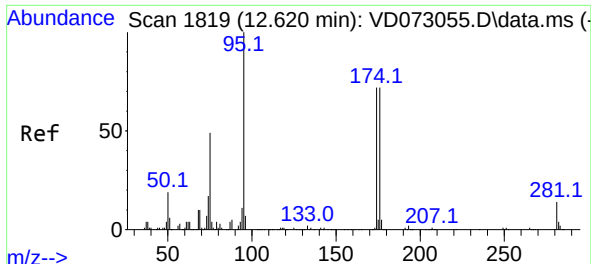
Tgt Ion:117 Resp: 19923
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.014 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 98 Resp: 419484
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

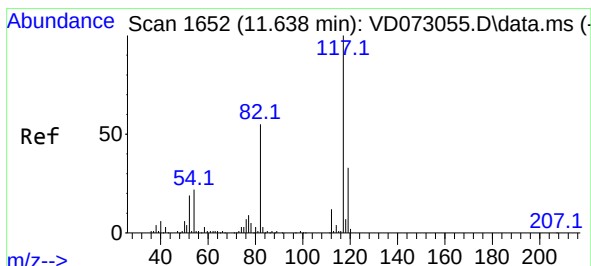
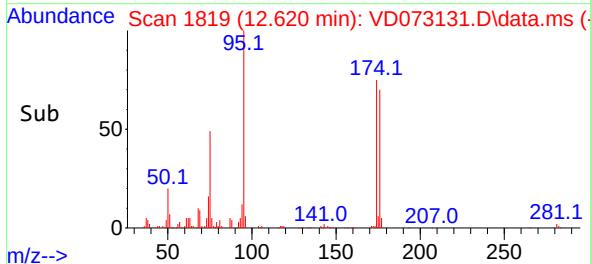
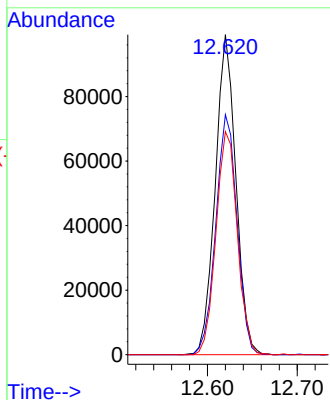
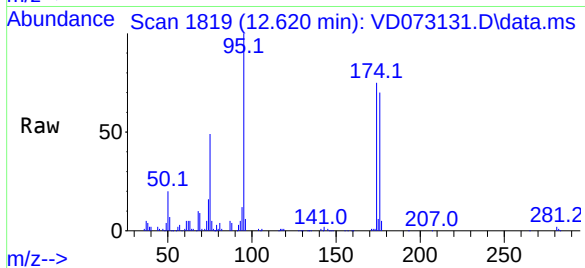




#62
4-Bromofluorobenzene
Concen: 51.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

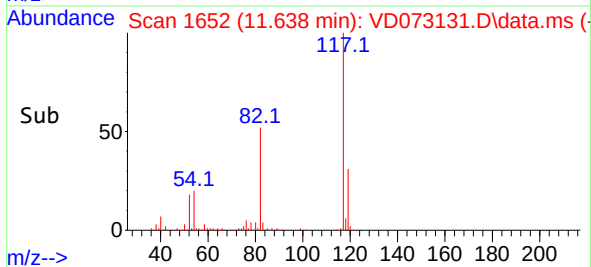
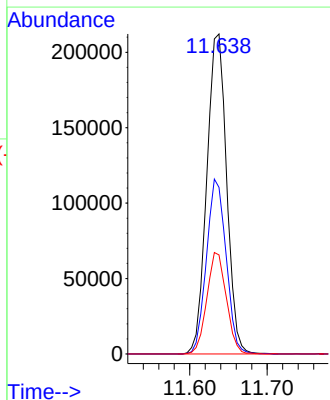
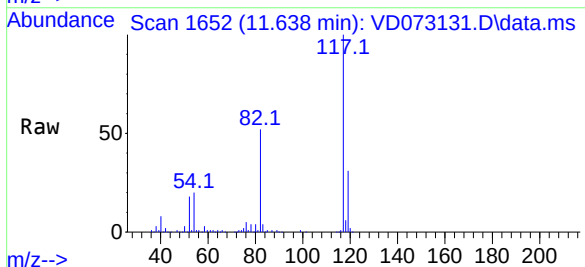
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

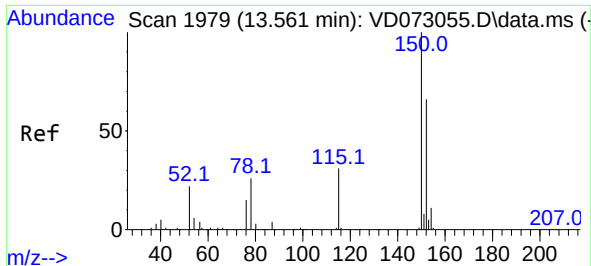
Tgt Ion: 95 Resp: 158291
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 72.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Tgt Ion: 117 Resp: 378246
Ion Ratio Lower Upper
117 100
82 52.1 45.3 67.9
119 31.0 26.6 40.0

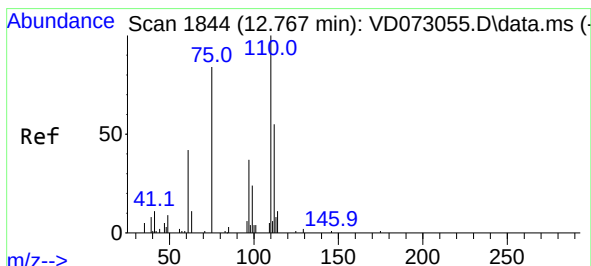
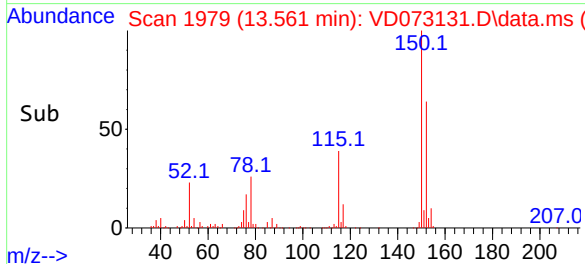
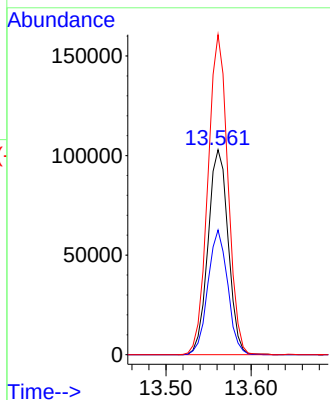
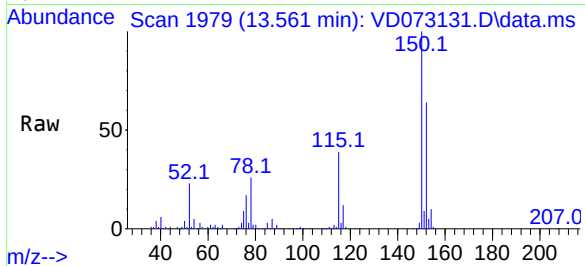




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

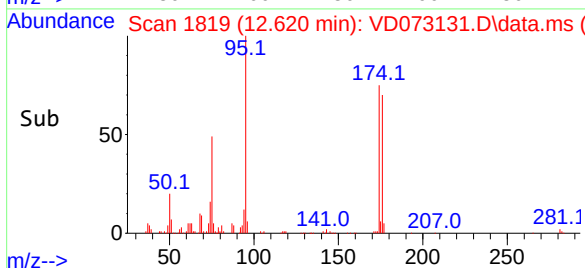
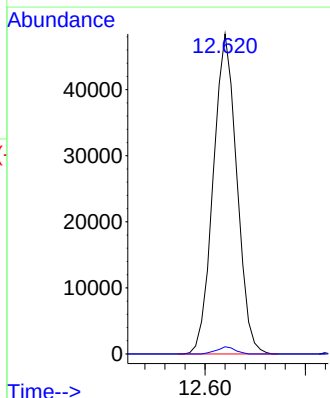
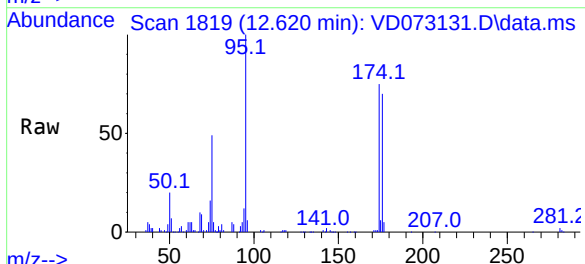
Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01

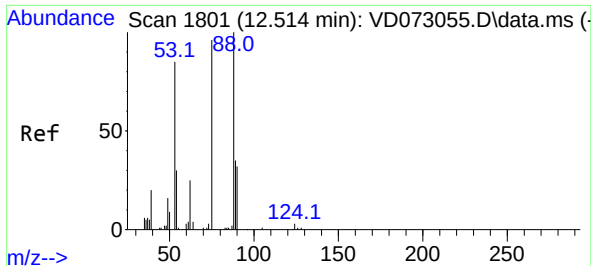
Tgt Ion:152 Resp: 168870
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 155.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 41.426 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

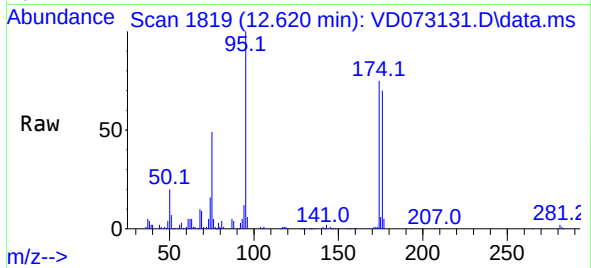
Tgt Ion: 75 Resp: 79081
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.330 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073131.D
Acq: 19 May 2022 08:02

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01



Tgt Ion: 75 Resp: 79081
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.1 33.9 50.9#

