

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073128.D
 Acq On : 19 May 2022 06:36
 Operator : VA/SY
 Sample : N2842-03
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-0006-01

Quant Time: May 19 08:39:46 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)

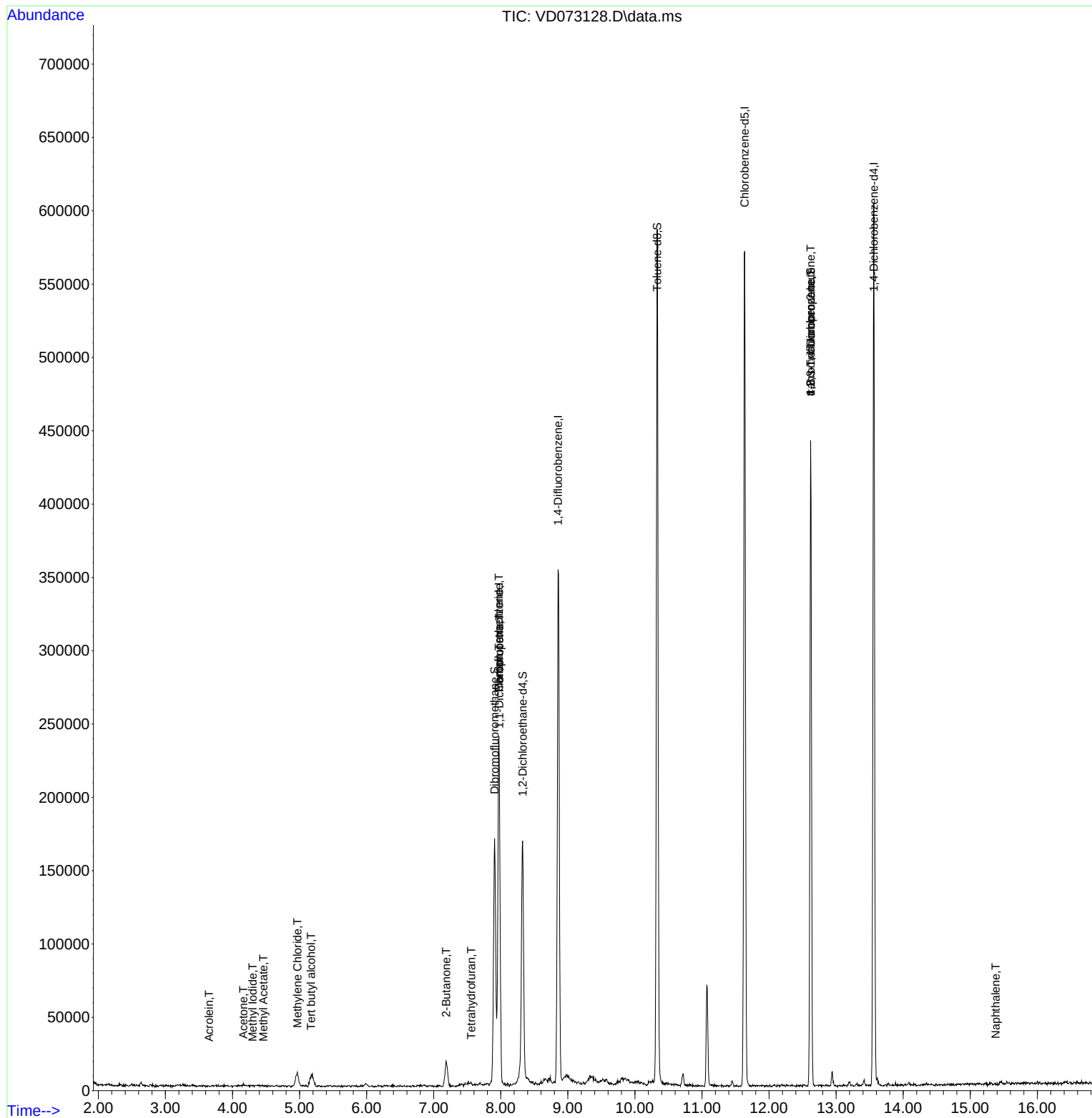
Internal Standards						
1) Pentafluorobenzene	7.973	168	170235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	299400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	339186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127759	60.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.020%			
35) Dibromofluoromethane	7.908	113	117583	55.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.880%			
50) Toluene-d8	10.332	98	380930	49.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.620	95	143559	51.974	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.940%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	183	4.346	ug/l #	38
11) Tert butyl alcohol	5.173	59	4553	13.827	ug/l #	74
13) Acrolein	3.650	56	58	13.346	ug/l #	14
16) Acetone	4.161	43	584	1.516	ug/l #	72
18) Methyl Acetate	4.461	43	128	1.567	ug/l #	55
20) Methylene Chloride	4.967	84	7003	2.504	ug/l #	76
25) 2-Butanone	7.185	43	766	1.313	ug/l #	52
29) Tetrahydrofuran	7.561	42	413	1.100	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	15109	4.411	ug/l #	51
38) Carbon Tetrachloride	7.973	117	17957	5.124	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	74251	41.550	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	74251	99.628	ug/l #	7
95) Naphthalene	15.379	128	62	4.269	ug/l #	70

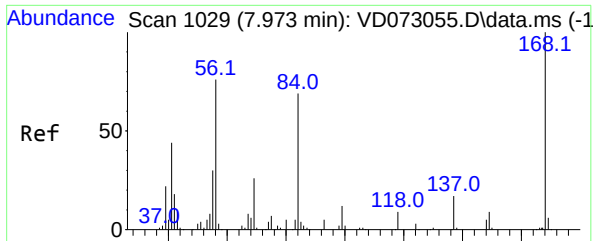
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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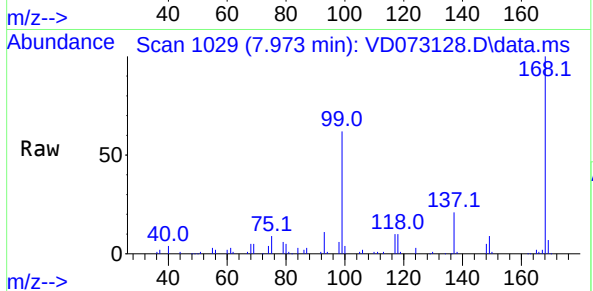
Quant Time: May 19 08:39:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
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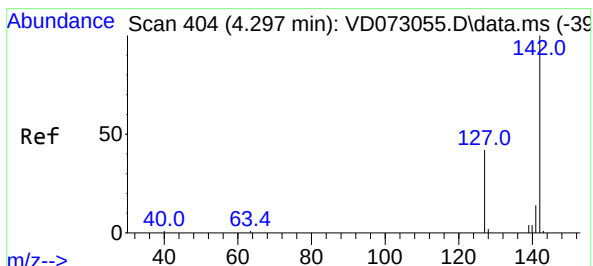
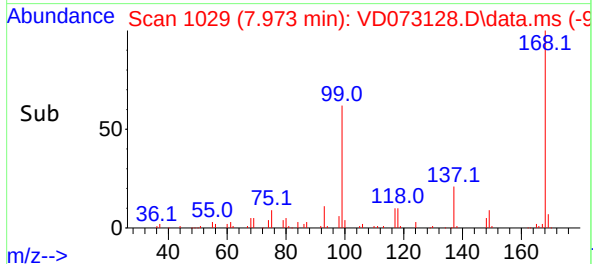
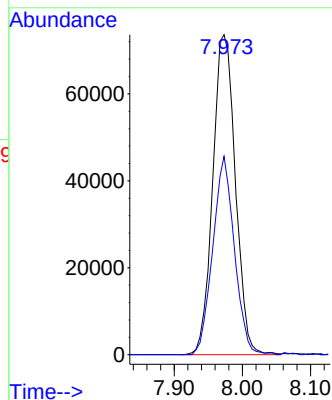


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

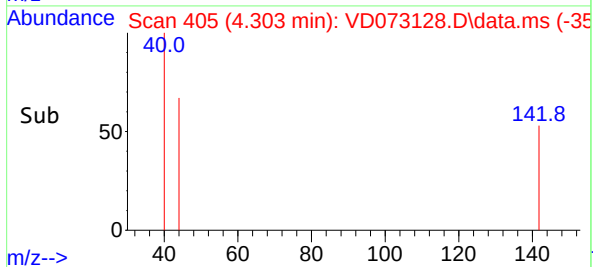
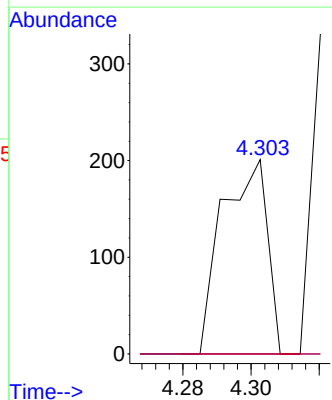
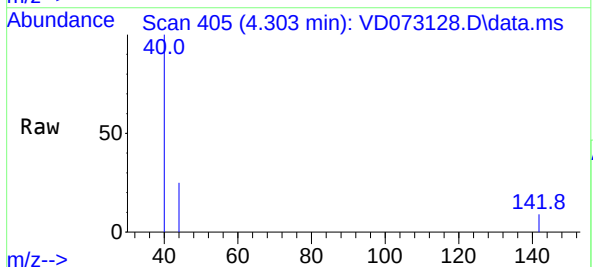


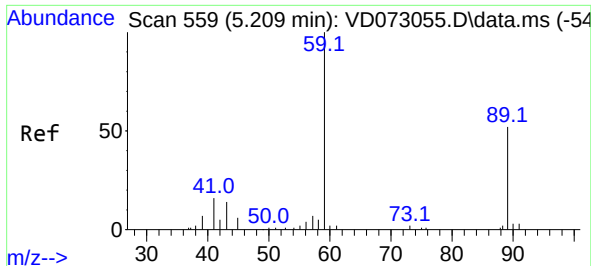
Tgt Ion:168 Resp: 170235
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#10
Methyl Iodide
Concen: 4.346 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion:142 Resp: 183
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: 13.827 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.036 min

Lab File: VD073128.D

Acq: 19 May 2022 06:36

Instrument :

MSVOA_D

ClientSampleId :

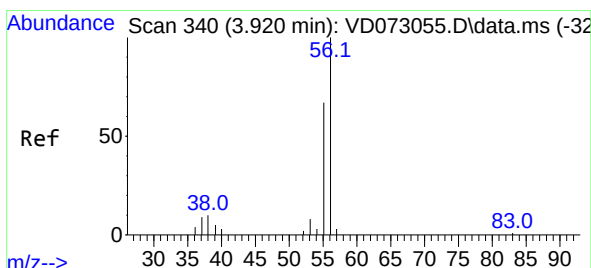
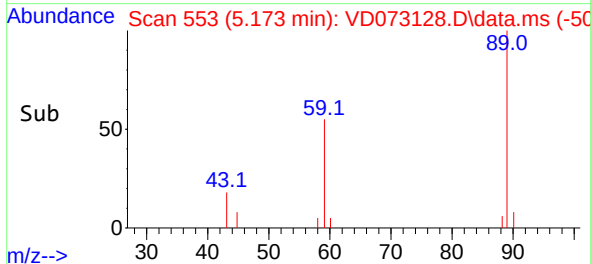
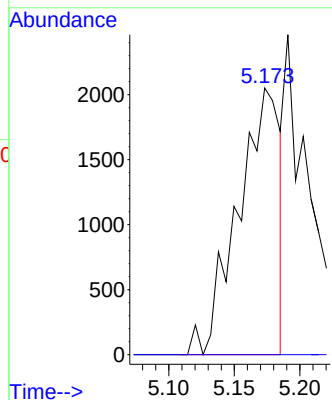
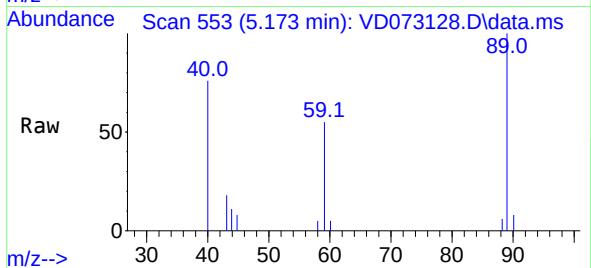
P016-SS001-0006-01

Tgt Ion: 59 Resp: 4553

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#13

Acrolein

Concen: 13.346 ug/l

RT: 3.650 min Scan# 294

Delta R.T. -0.270 min

Lab File: VD073128.D

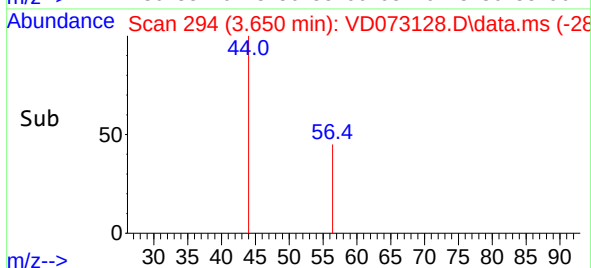
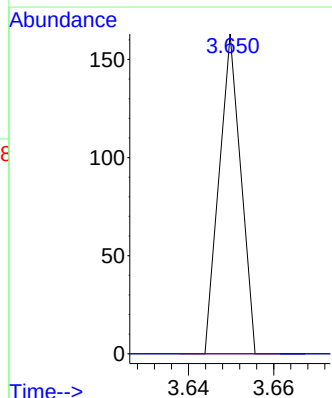
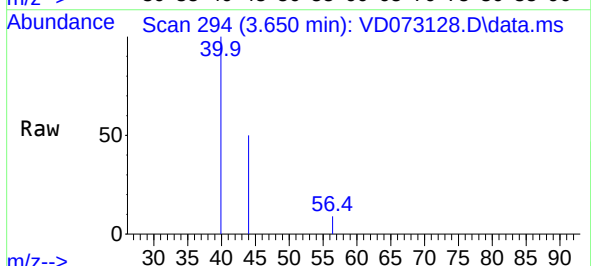
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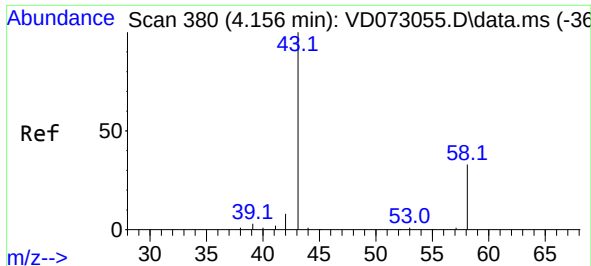
Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

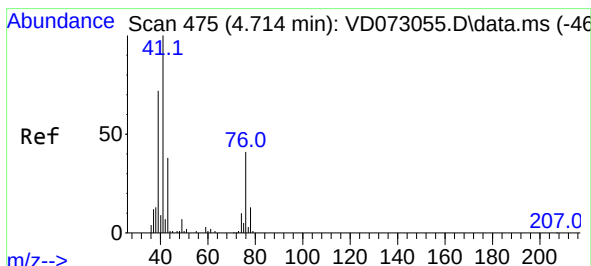
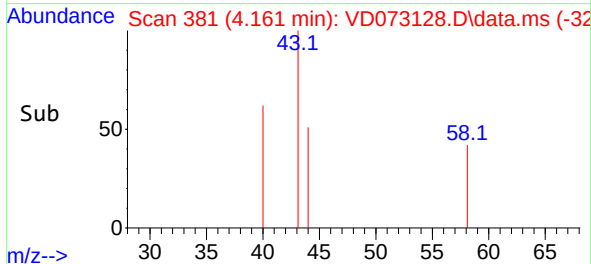
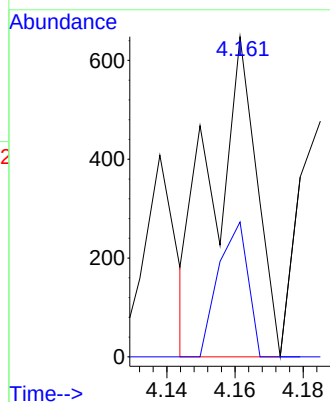
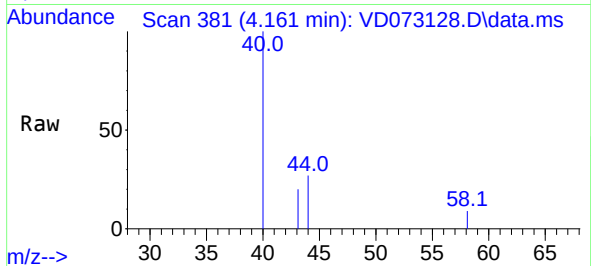




#16
Acetone
Concen: 1.516 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

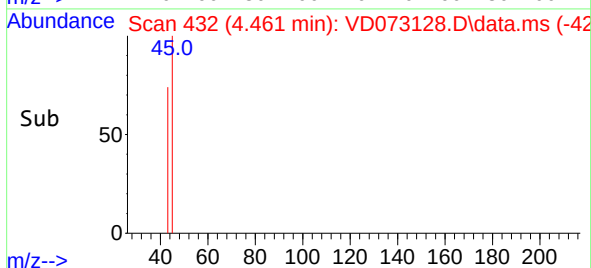
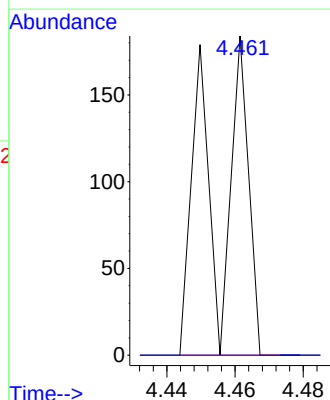
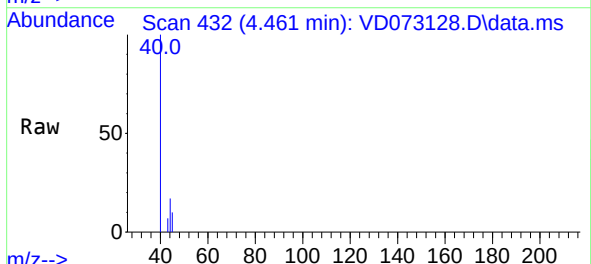
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

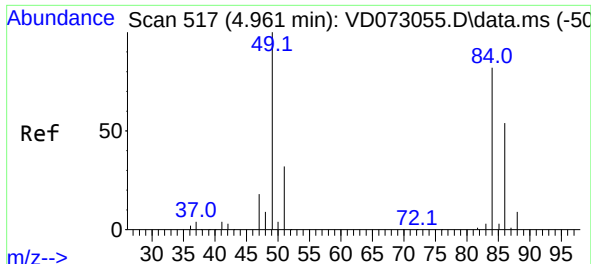
Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
58 42.1 22.1 33.1#



#18
Methyl Acetate
Concen: 1.567 ug/l
RT: 4.461 min Scan# 432
Delta R.T. -0.253 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



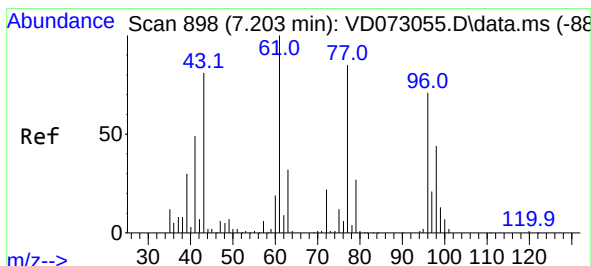
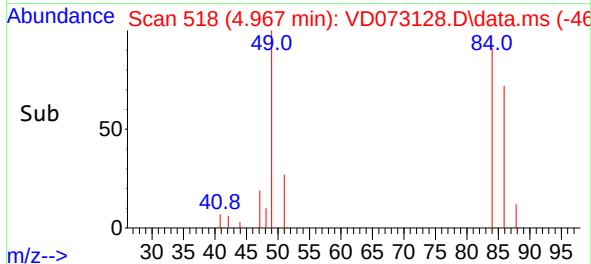
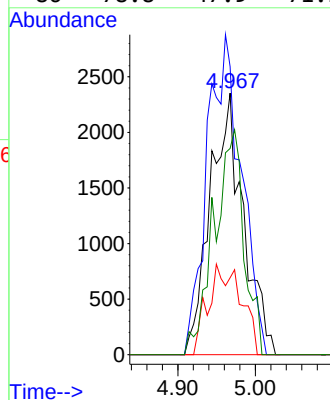
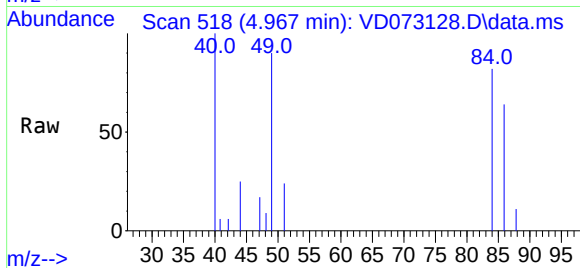


#20
Methylene Chloride
Concen: 2.504 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

Tgt Ion: 84 Resp: 7003

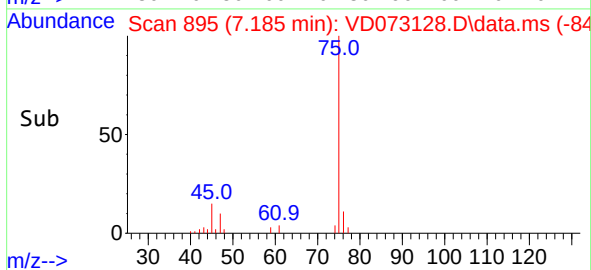
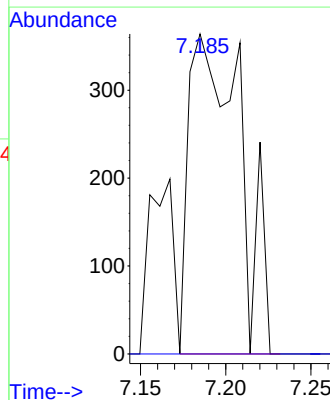
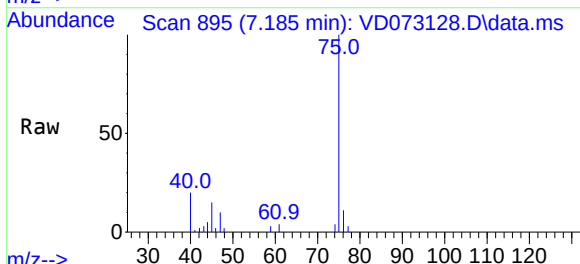
Ion	Ratio	Lower	Upper
84	100		
49	110.1	112.8	169.2#
51	29.5	32.6	48.8#
86	78.8	47.9	71.9#

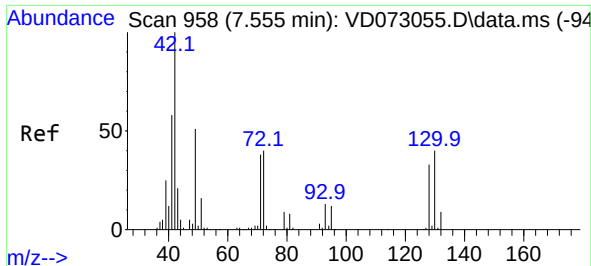


#25
2-Butanone
Concen: 1.313 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion: 43 Resp: 766

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.100 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073128.D

Acq: 19 May 2022 06:36

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-0006-01

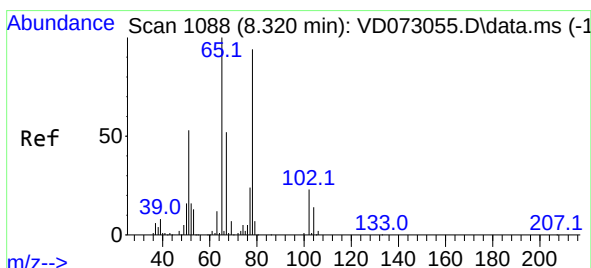
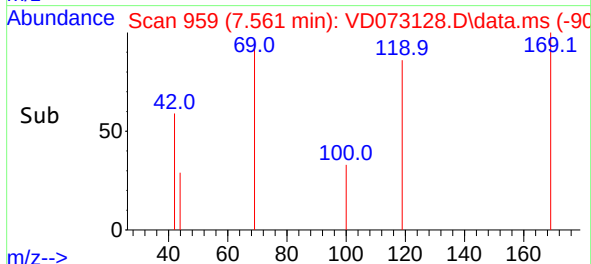
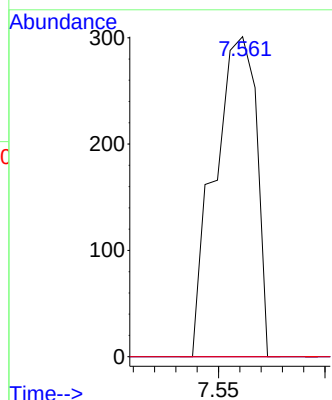
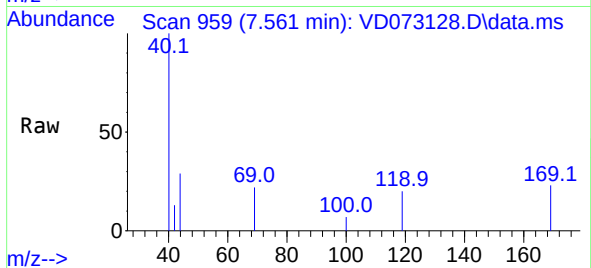
Tgt Ion: 42 Resp: 413

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#33

1,2-Dichloroethane-d4

Concen: 60.011 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073128.D

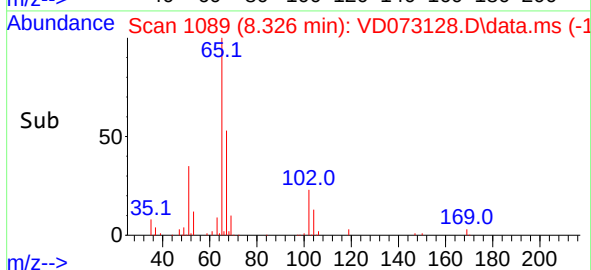
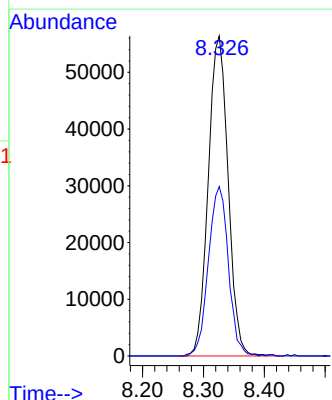
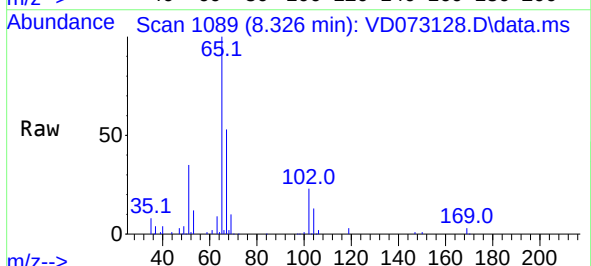
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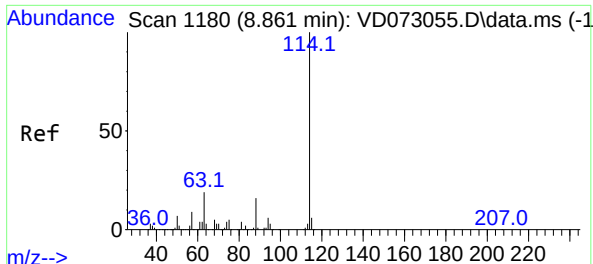
Tgt Ion: 65 Resp: 127759

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073128.D

Acq: 19 May 2022 06:36

Instrument :

MSVOA_D

ClientSampleId :

P016-SS001-0006-01

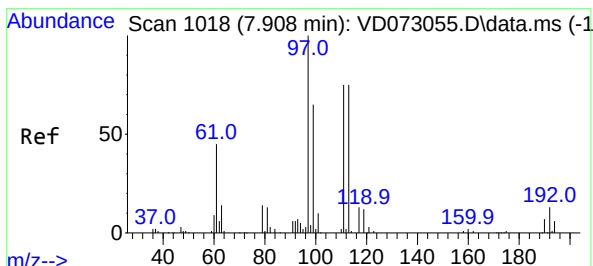
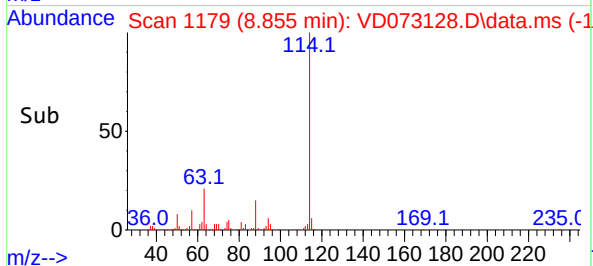
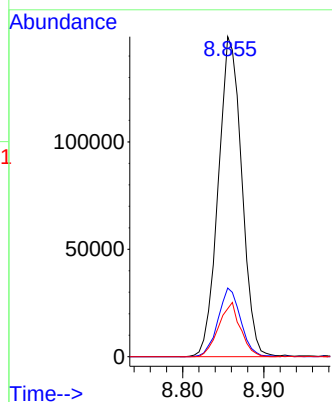
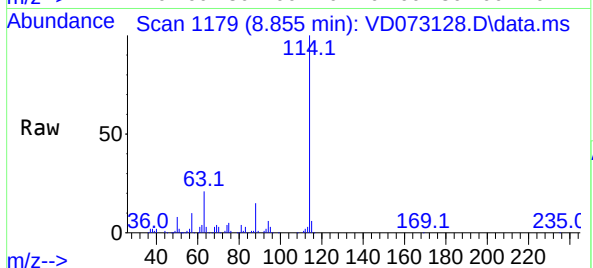
Tgt Ion:114 Resp: 299400

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 55.935 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073128.D

Acq: 19 May 2022 06:36

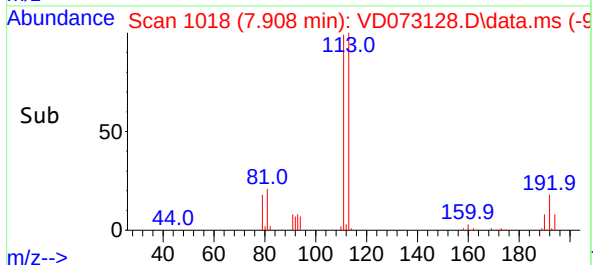
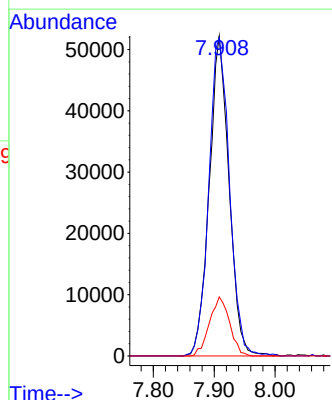
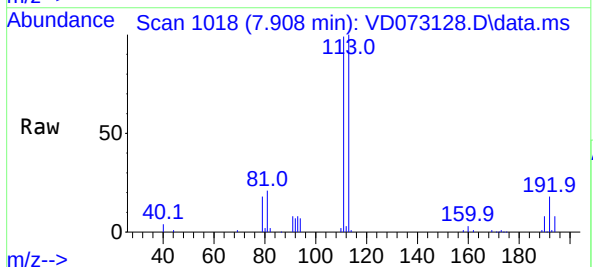
Tgt Ion:113 Resp: 117583

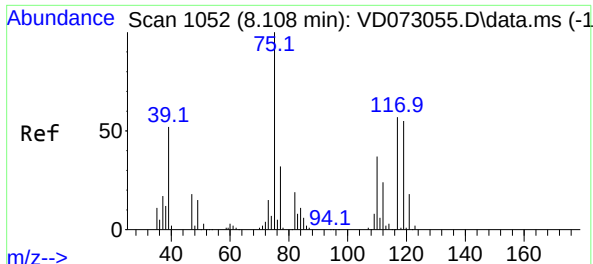
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.8 14.6 21.8

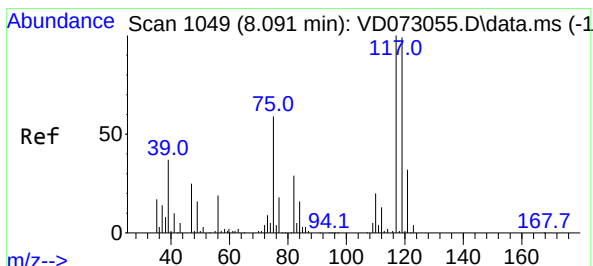
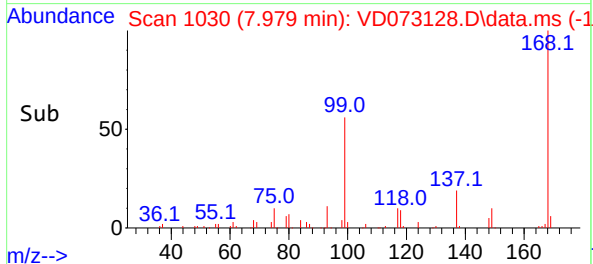
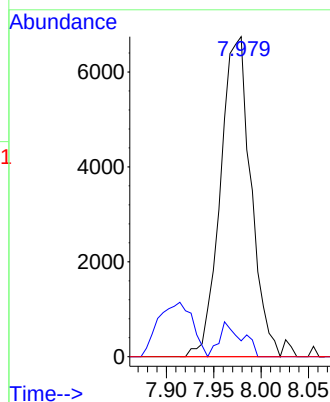
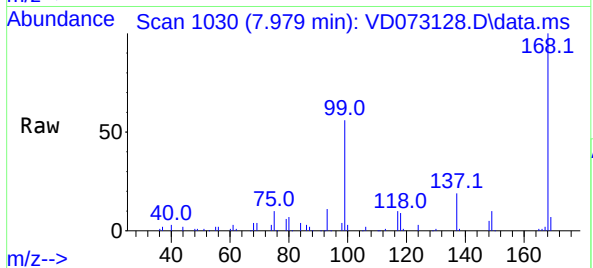




#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

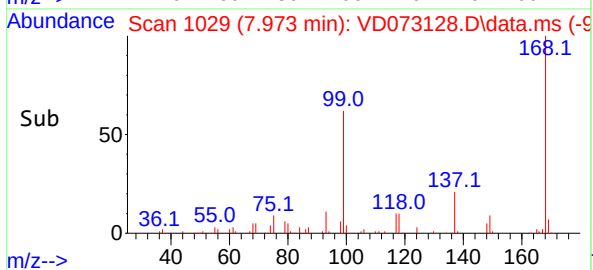
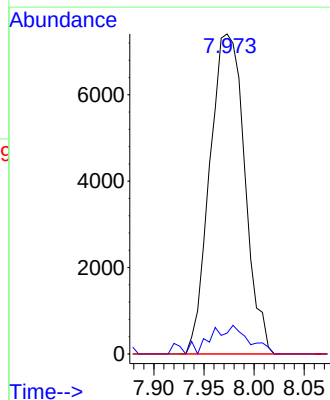
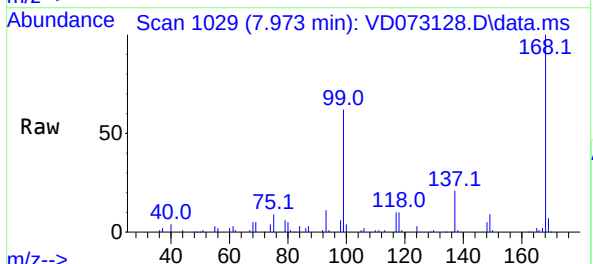
Instrument : MSVOA_D
ClientSampleId : P016-SS001-0006-01

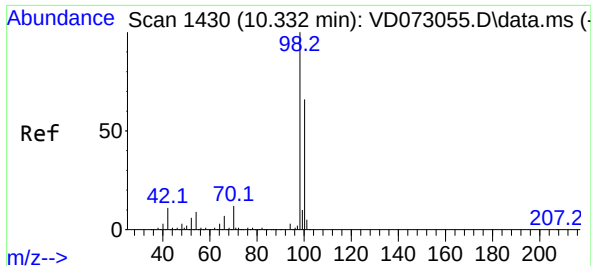
Tgt Ion: 75 Resp: 15109
Ion Ratio Lower Upper
75 100
110 8.0 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion: 117 Resp: 17957
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.5 36.7#

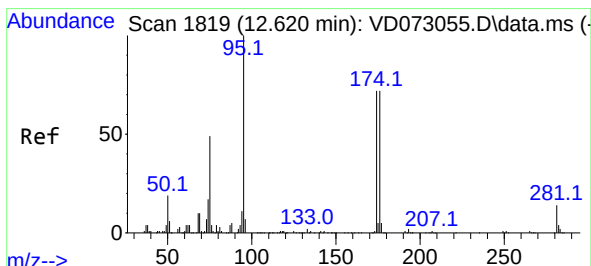
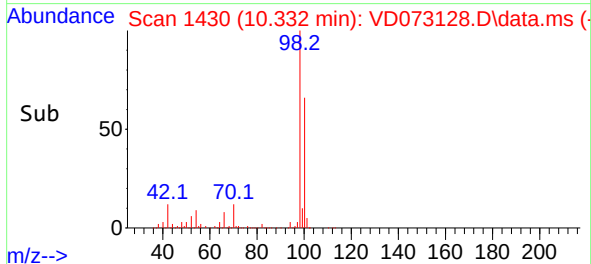
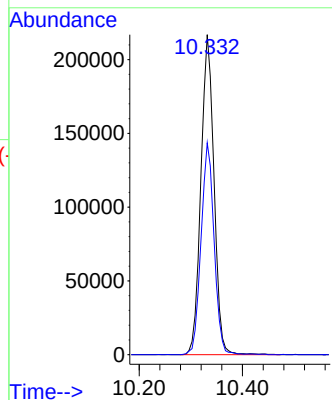
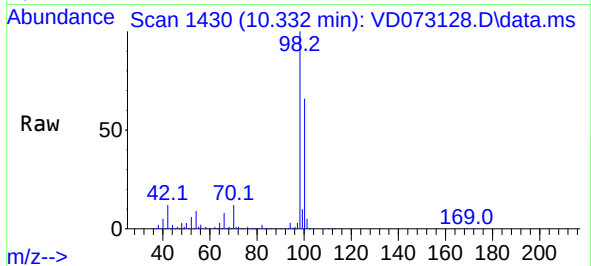




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

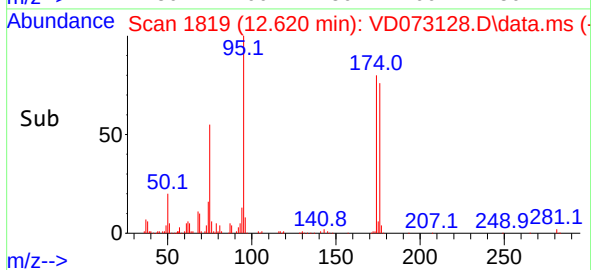
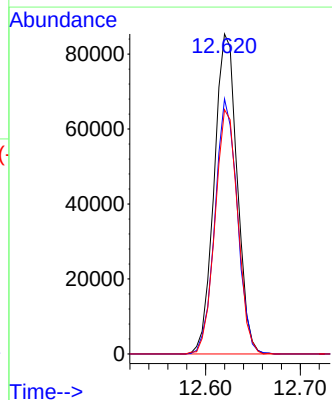
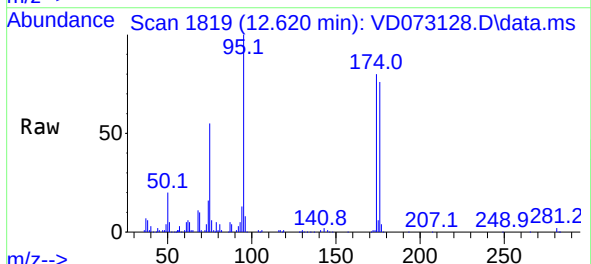
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

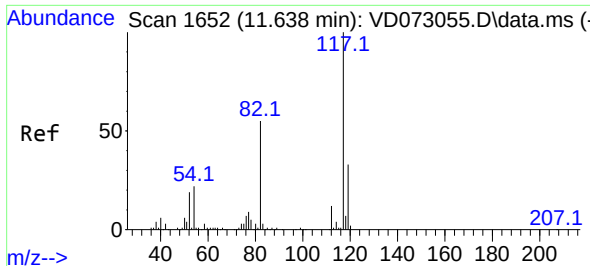
Tgt Ion: 98 Resp: 380930
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.974 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

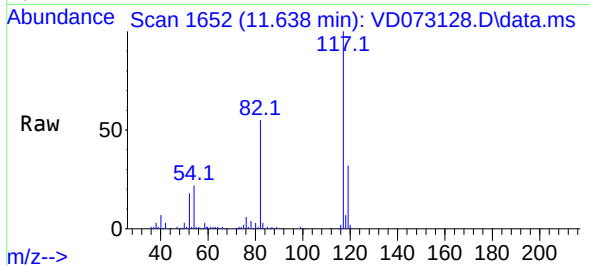
Tgt Ion: 95 Resp: 143559
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 75.6 0.0 145.4



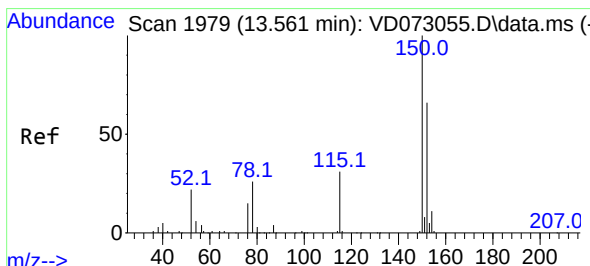
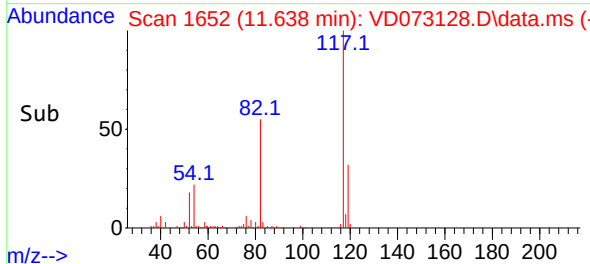
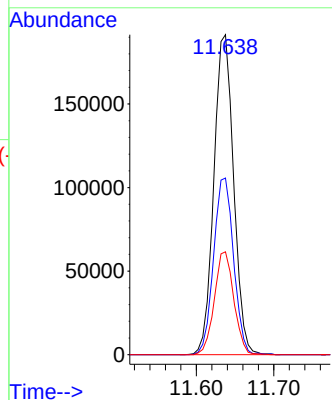


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

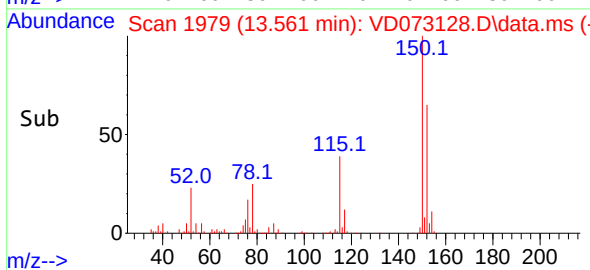
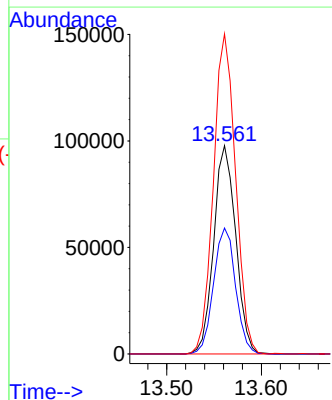
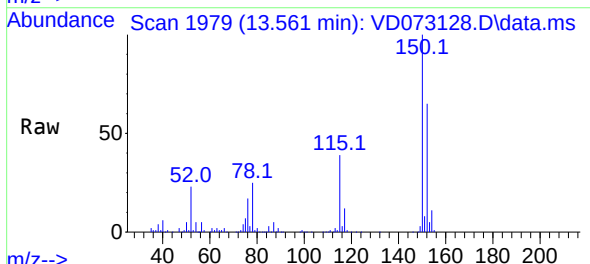


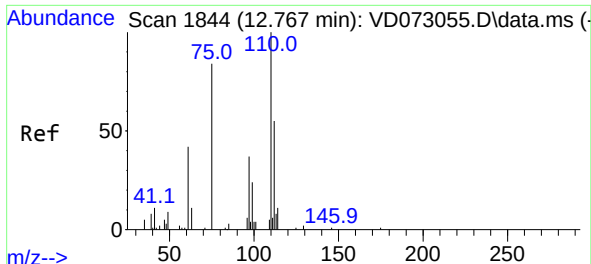
Tgt Ion:117 Resp: 339186
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Tgt Ion:152 Resp: 158082
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 154.5 0.0 348.6

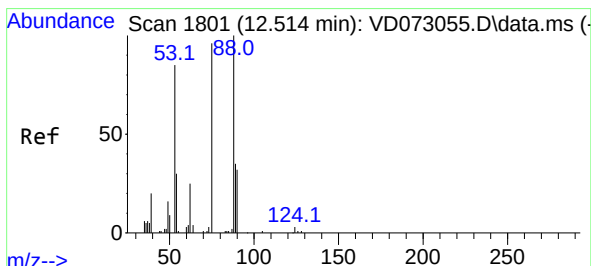
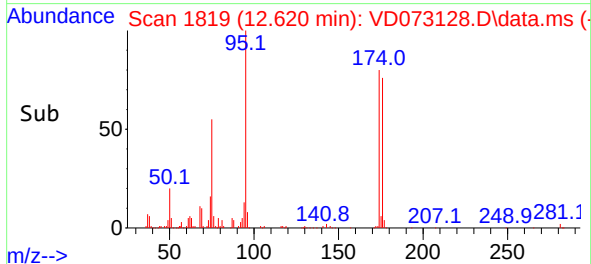
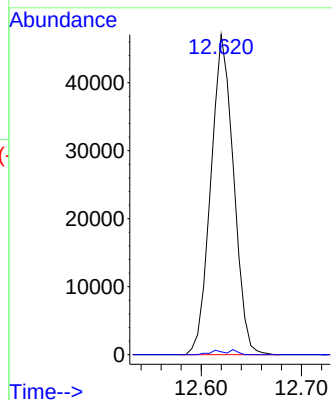
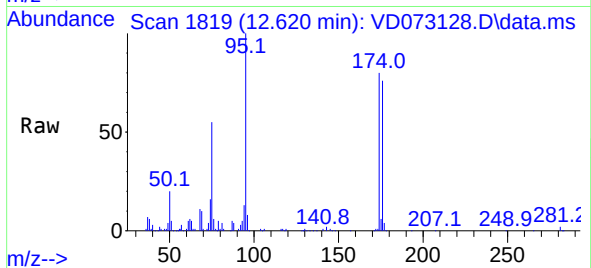




#76
1,2,3-Trichloropropane
Concen: 41.550 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

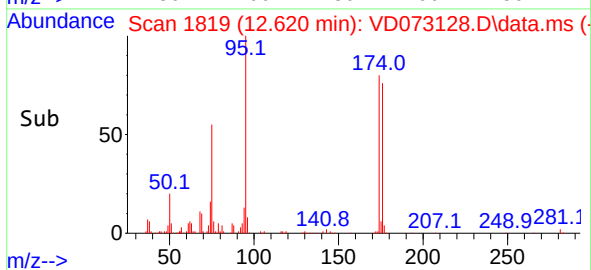
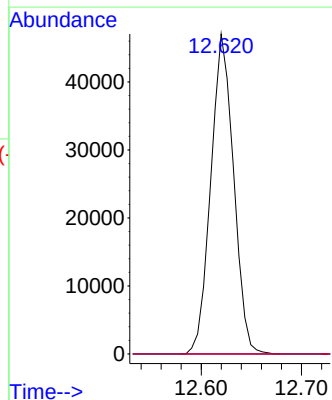
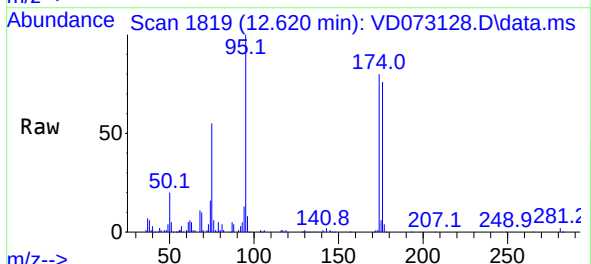
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01

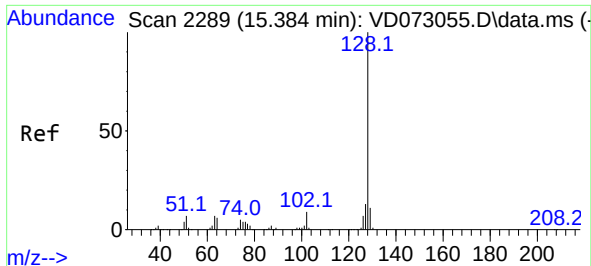
Tgt Ion: 75 Resp: 74251
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.628 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

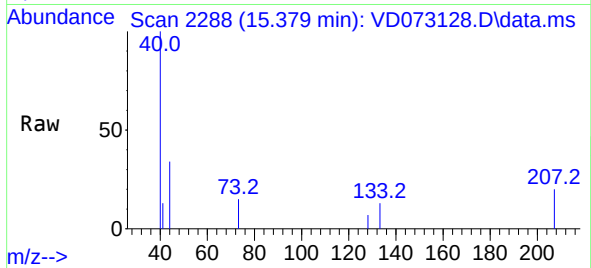
Tgt Ion: 75 Resp: 74251
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 4.269 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073128.D
Acq: 19 May 2022 06:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0006-01



Tgt Ion:128 Resp: 62
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

