

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072965.D
 Acq On : 12 May 2022 23:38
 Operator : VA/SY
 Sample : N2817-07
 Misc : 4.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 06:00:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

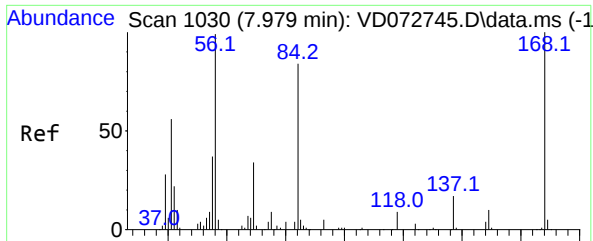
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	318856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	565908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	557184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176024	42.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.060%		
35) Dibromofluoromethane	7.908	113	186435	46.909	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.820%		
50) Toluene-d8	10.332	98	695999	48.819	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.620	95	262506	49.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.760%		
Target Compounds						
5) Bromomethane	2.756	94	58	Below Cal	#	1
11) Tert butyl alcohol	5.185	59	10921	30.496	ug/l #	74
13) Acrolein	3.662	56	61	Below Cal	#	14
16) Acetone	4.150	43	3601	Below Cal		91
18) Methyl Acetate	4.932	43	164	Below Cal	#	55
20) Methylene Chloride	4.956	84	21161	Below Cal		91
31) Cyclohexane	7.967	56	7498	1.036	ug/l #	5
36) 1,1-Dichloropropene	7.973	75	27014	4.180	ug/l #	53
38) Carbon Tetrachloride	7.979	117	33681	5.021	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	137311	46.371	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	137311	106.634	ug/l #	8

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

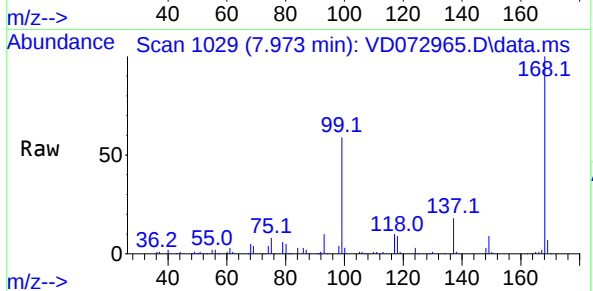
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



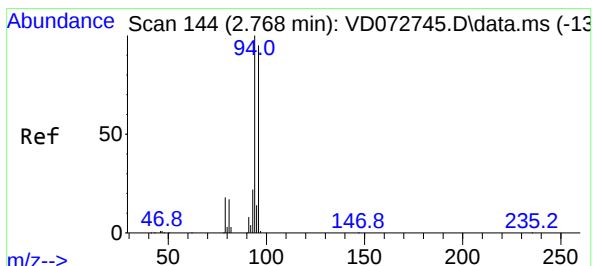
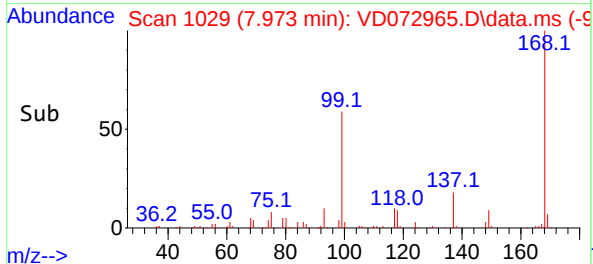
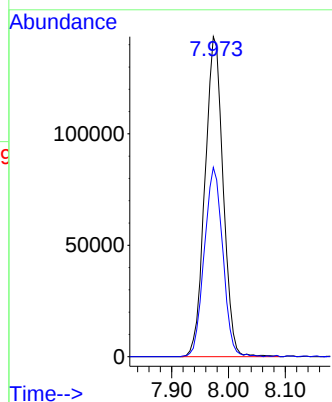


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Instrument :
MSVOA_D
ClientSampleId :

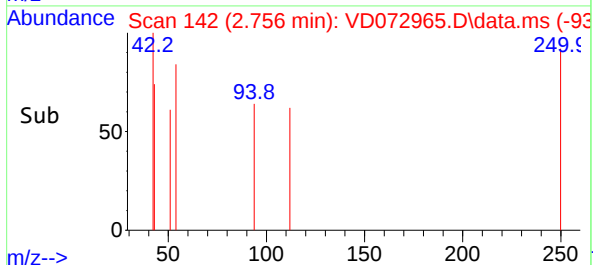
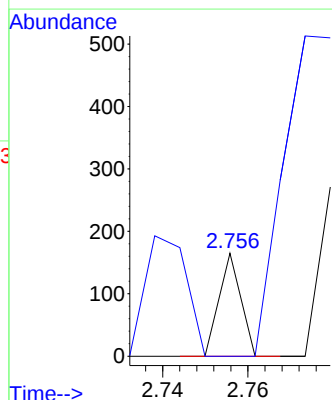
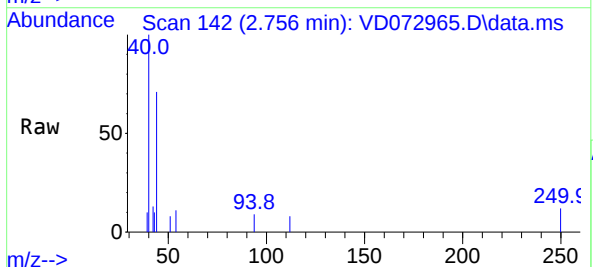


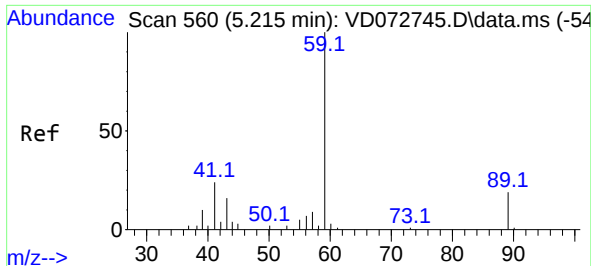
Tgt Ion:168 Resp: 318856
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

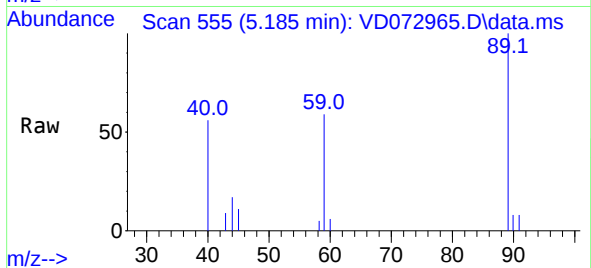
Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



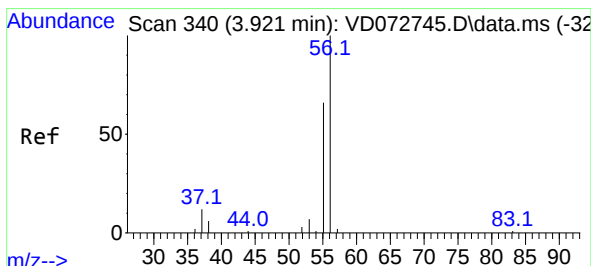
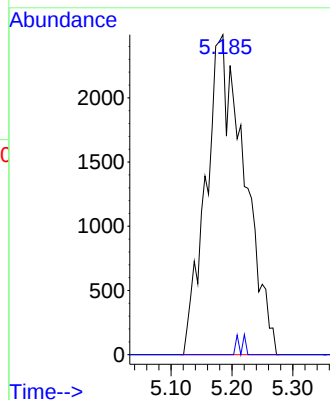
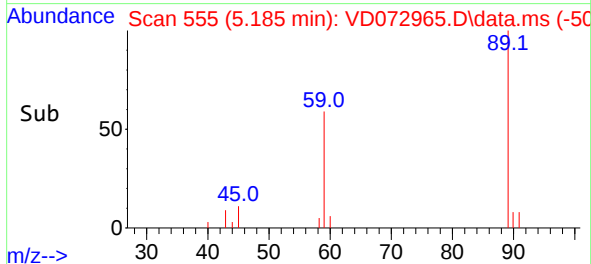


#11
Tert butyl alcohol
Concen: 30.496 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

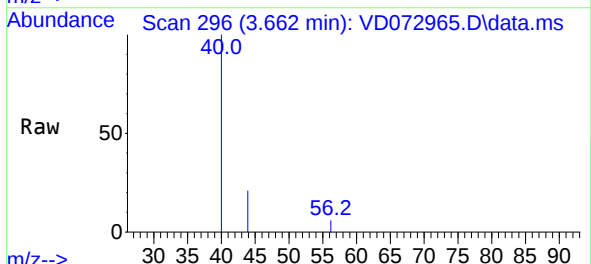
Instrument :
MSVOA_D
ClientSampleId :



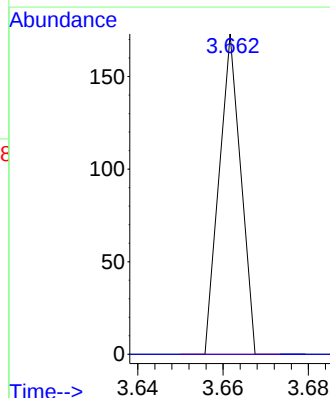
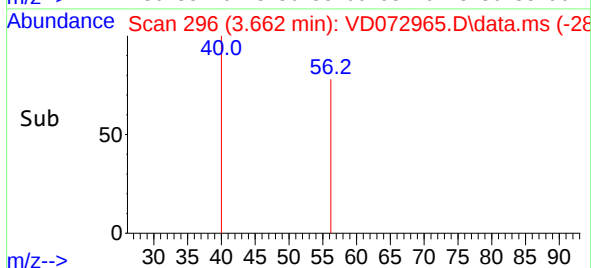
Tgt Ion: 59 Resp: 10921
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

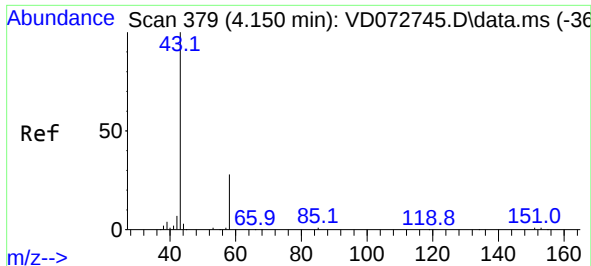


#13
Acrolein
Concen: Below Cal
RT: 3.662 min Scan# 296
Delta R.T. -0.259 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38



Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

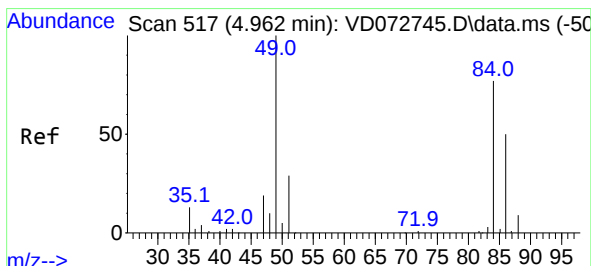
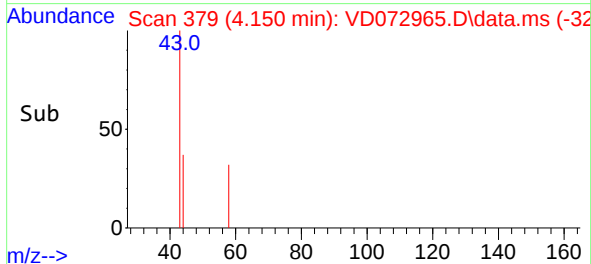
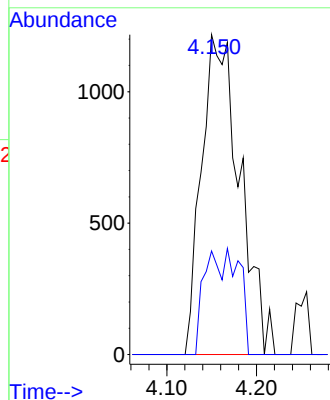
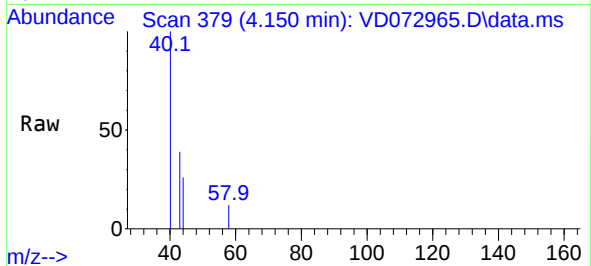




#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

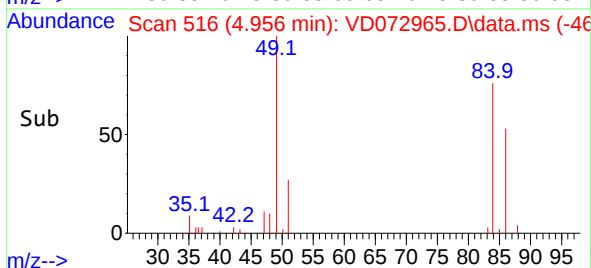
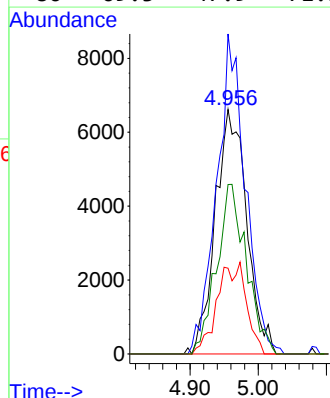
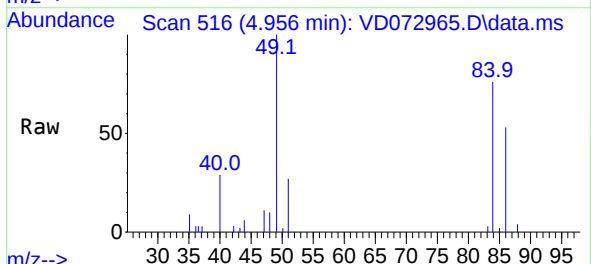
Instrument :
MSVOA_D
ClientSampleId :

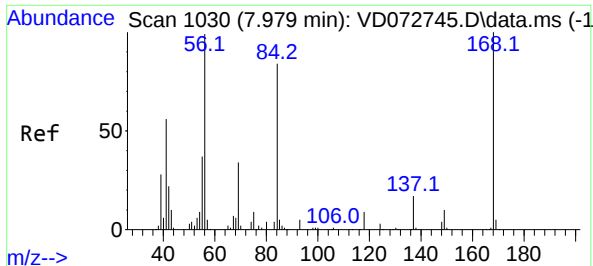
Tgt Ion: 43 Resp: 3601
Ion Ratio Lower Upper
43 100
58 32.4 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Tgt Ion: 84 Resp: 21161
Ion Ratio Lower Upper
84 100
49 130.9 112.8 169.2
51 35.1 32.6 48.8
86 69.3 47.9 71.9





#31

Cyclohexane

Concen: 1.036 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

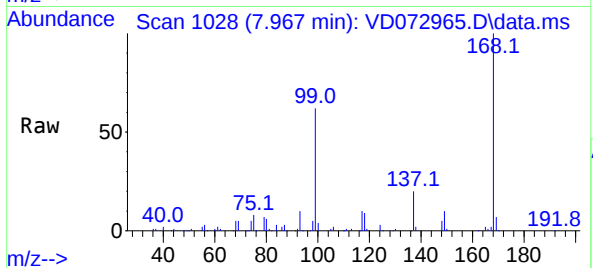
Lab File: VD072965.D

Acq: 12 May 2022 23:38

Instrument :

MSVOA_D

ClientSampleId :



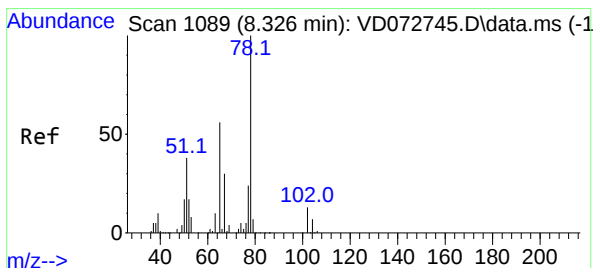
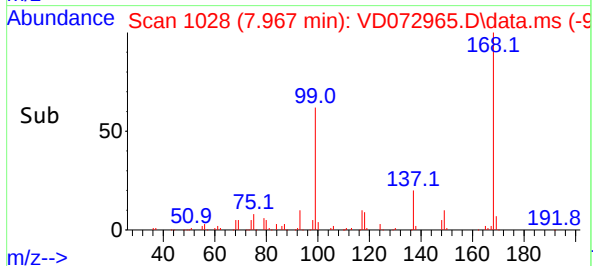
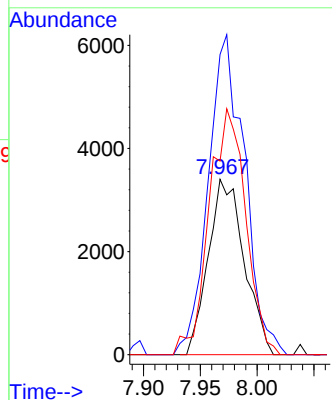
Tgt Ion: 56 Resp: 7498

Ion Ratio Lower Upper

56 100

69 166.4 25.4 38.2#

84 110.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 42.528 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072965.D

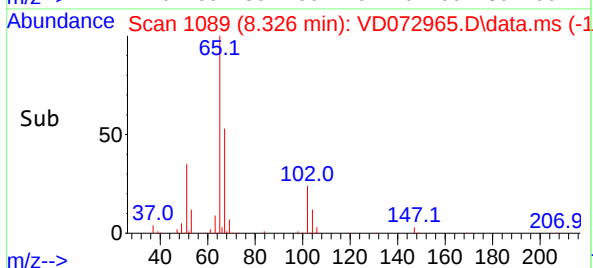
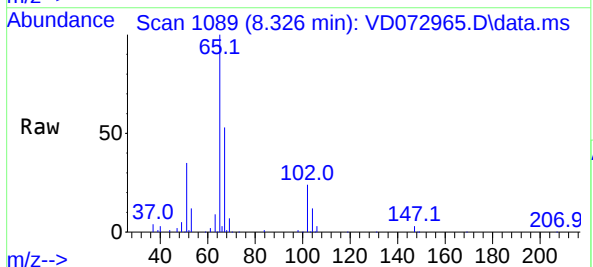
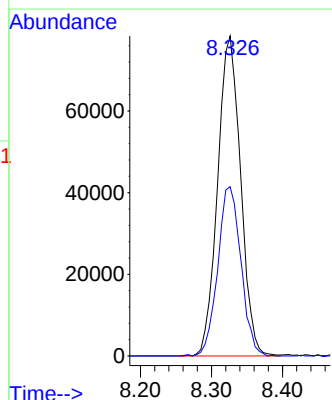
Acq: 12 May 2022 23:38

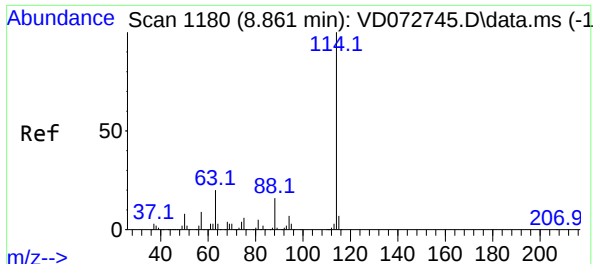
Tgt Ion: 65 Resp: 176024

Ion Ratio Lower Upper

65 100

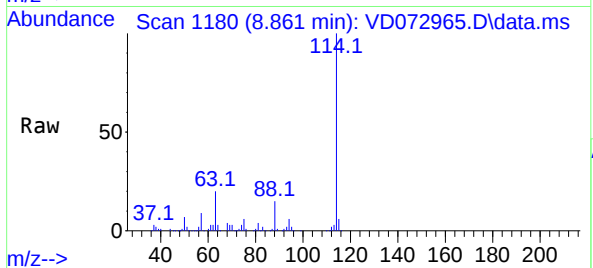
67 53.3 0.0 101.4



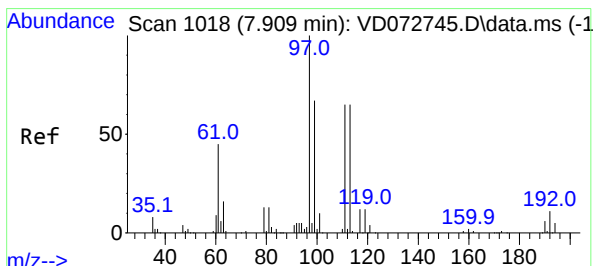
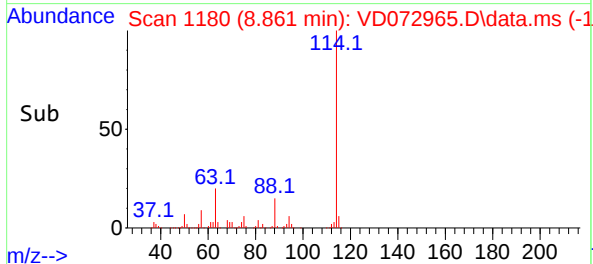
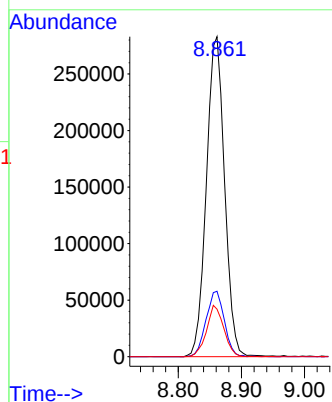


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Instrument :
MSVOA_D
ClientSampleId :

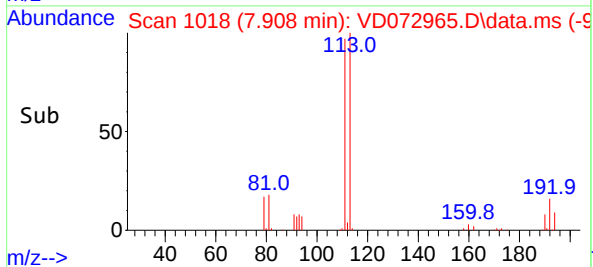
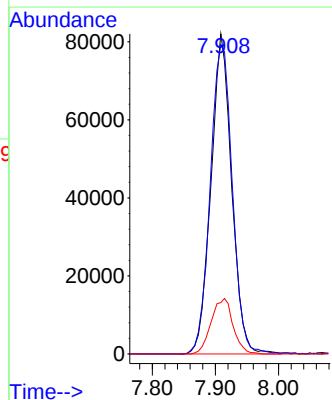
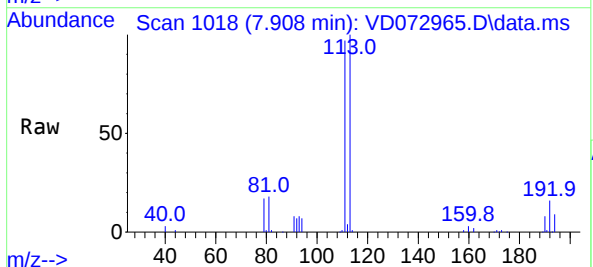


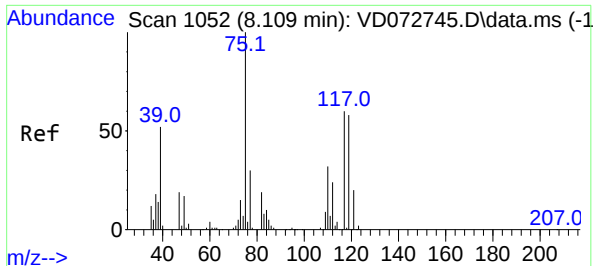
Tgt Ion:114 Resp: 565908
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.909 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Tgt Ion:113 Resp: 186435
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.180 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

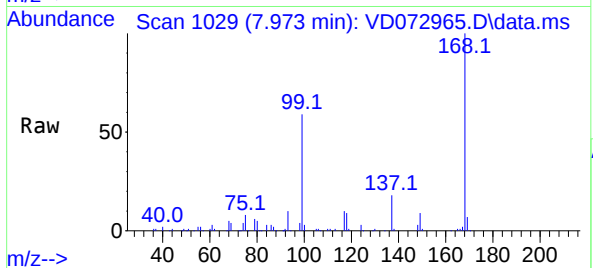
Lab File: VD072965.D

Acq: 12 May 2022 23:38

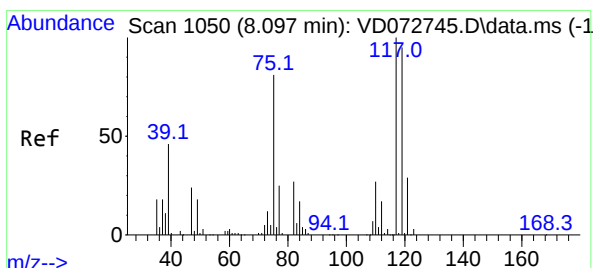
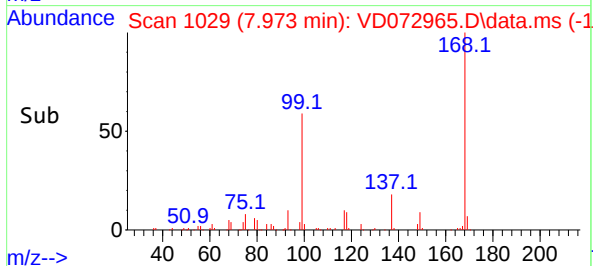
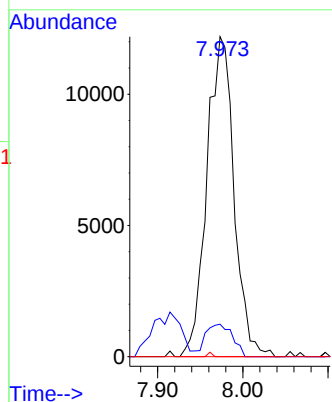
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	27014
Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.4	49.1#
77	0.2	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.021 ug/l

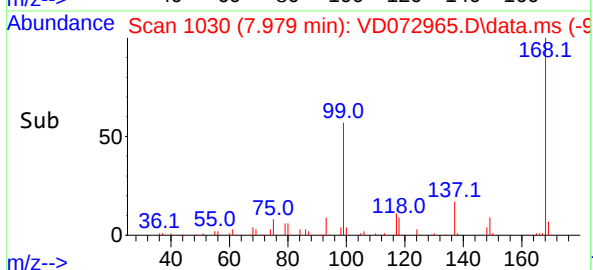
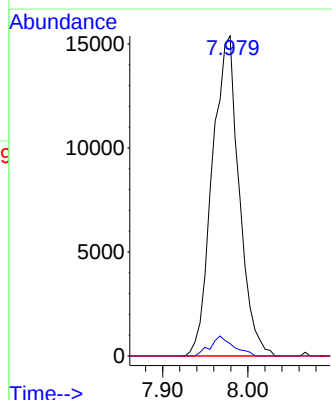
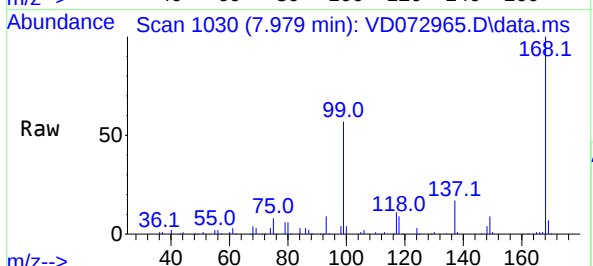
RT: 7.979 min Scan# 1030

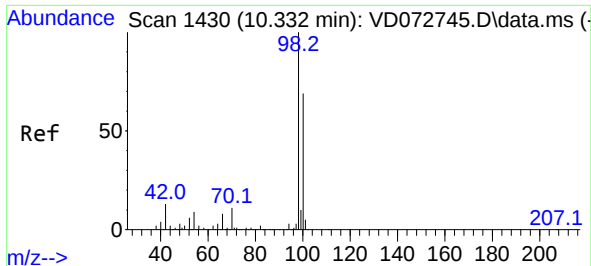
Delta R.T. -0.118 min

Lab File: VD072965.D

Acq: 12 May 2022 23:38

Tgt Ion:	117	Resp:	33681
Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.8	113.6#
121	0.0	24.5	36.7#

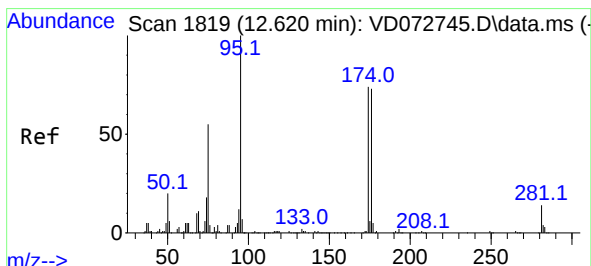
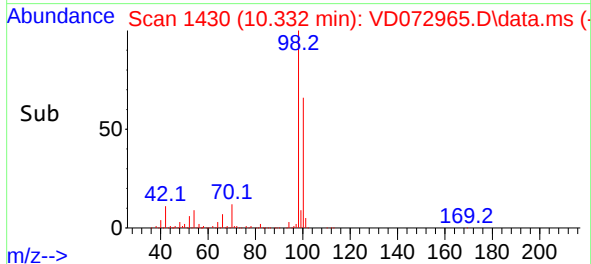
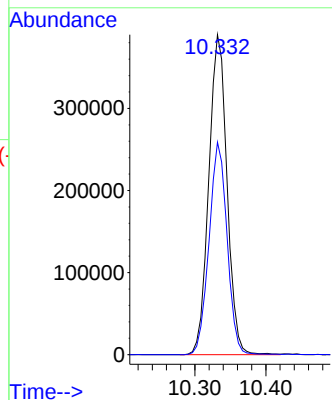
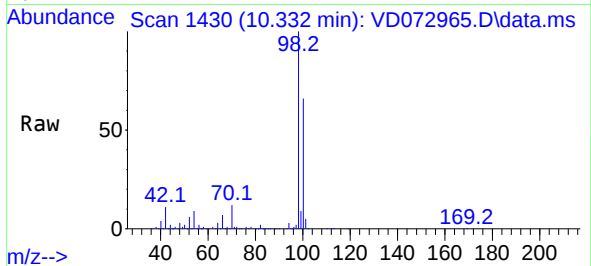




#50
Toluene-d8
Concen: 48.819 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

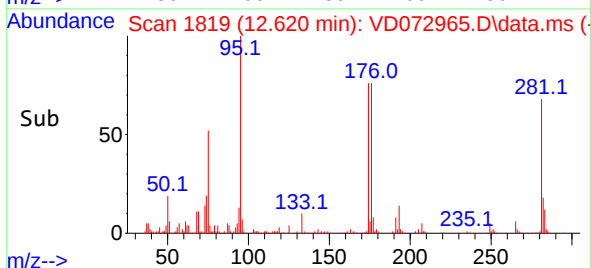
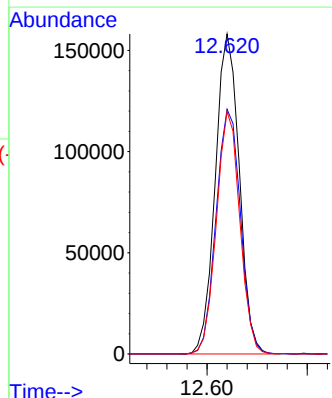
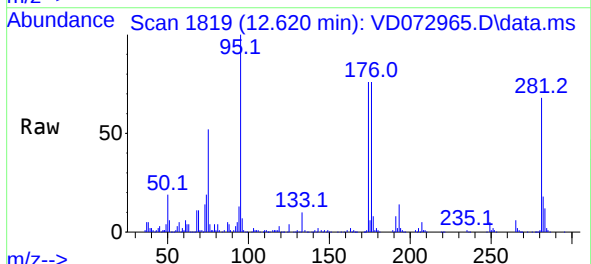
Instrument :
MSVOA_D
ClientSampleId :

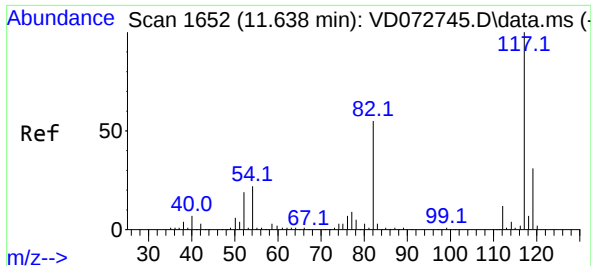
Tgt Ion: 98 Resp: 695999
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.381 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Tgt Ion: 95 Resp: 262506
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 73.9 0.0 145.4

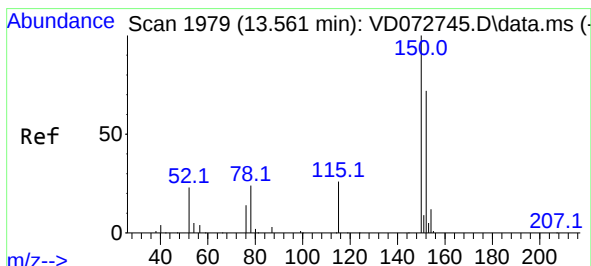
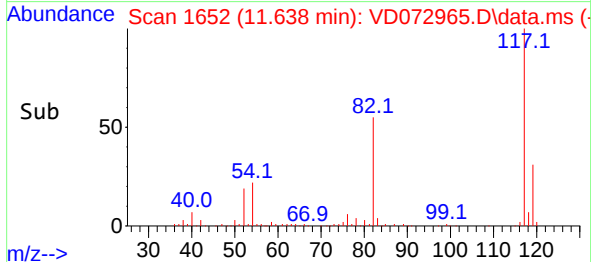
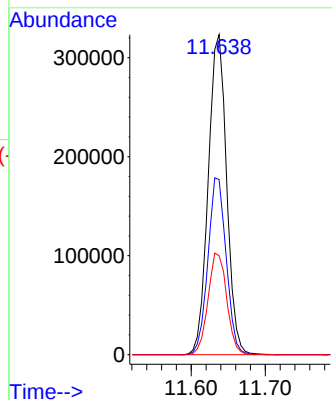
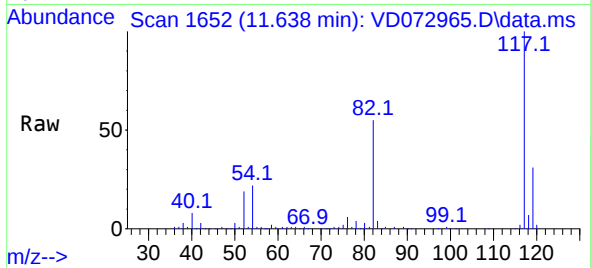




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

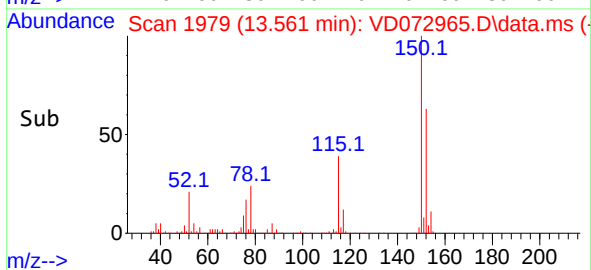
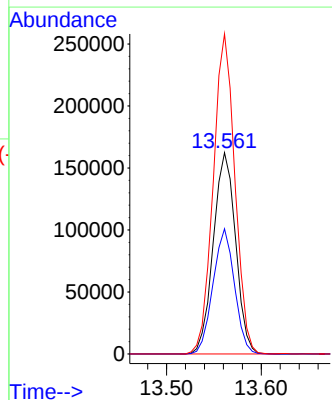
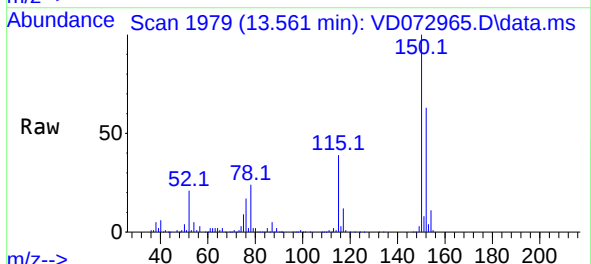
Instrument :
MSVOA_D
ClientSampleId :

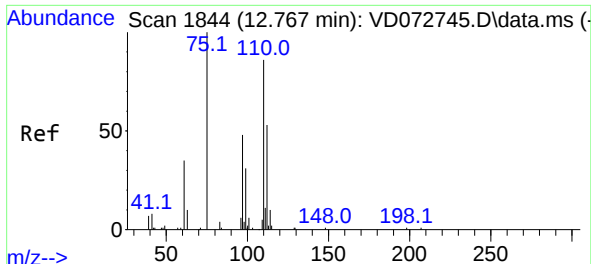
Tgt Ion:117 Resp: 557184
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 31.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Tgt Ion:152 Resp: 265559
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 154.5 0.0 348.6

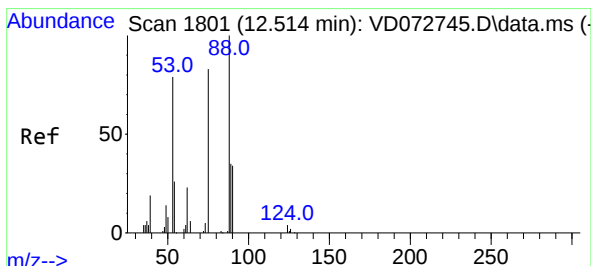
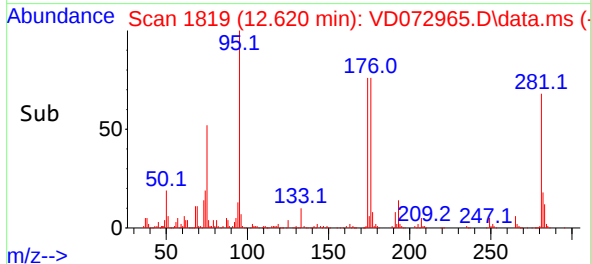
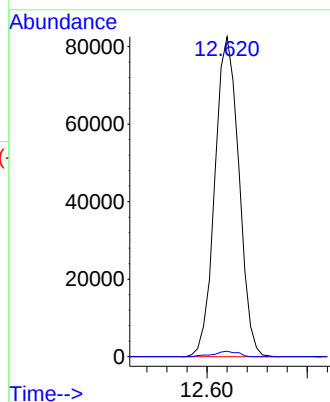
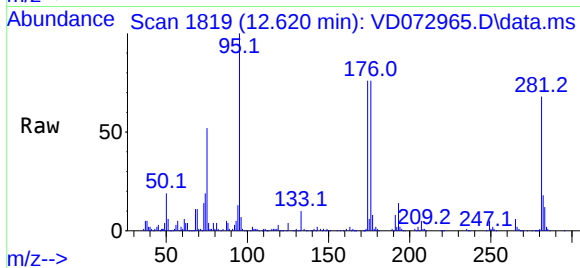




#76
1,2,3-Trichloropropane
Concen: 46.371 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 137311
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.634 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072965.D
Acq: 12 May 2022 23:38

Tgt Ion: 75 Resp: 137311
Ion Ratio Lower Upper
75 100
53 1.0 86.5 129.7#
89 1.4 33.9 50.9#

