

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072905.D
 Acq On : 10 May 2022 10:51
 Operator : VA/SY
 Sample : VD0510SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

Quant Time: May 11 05:47:45 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)

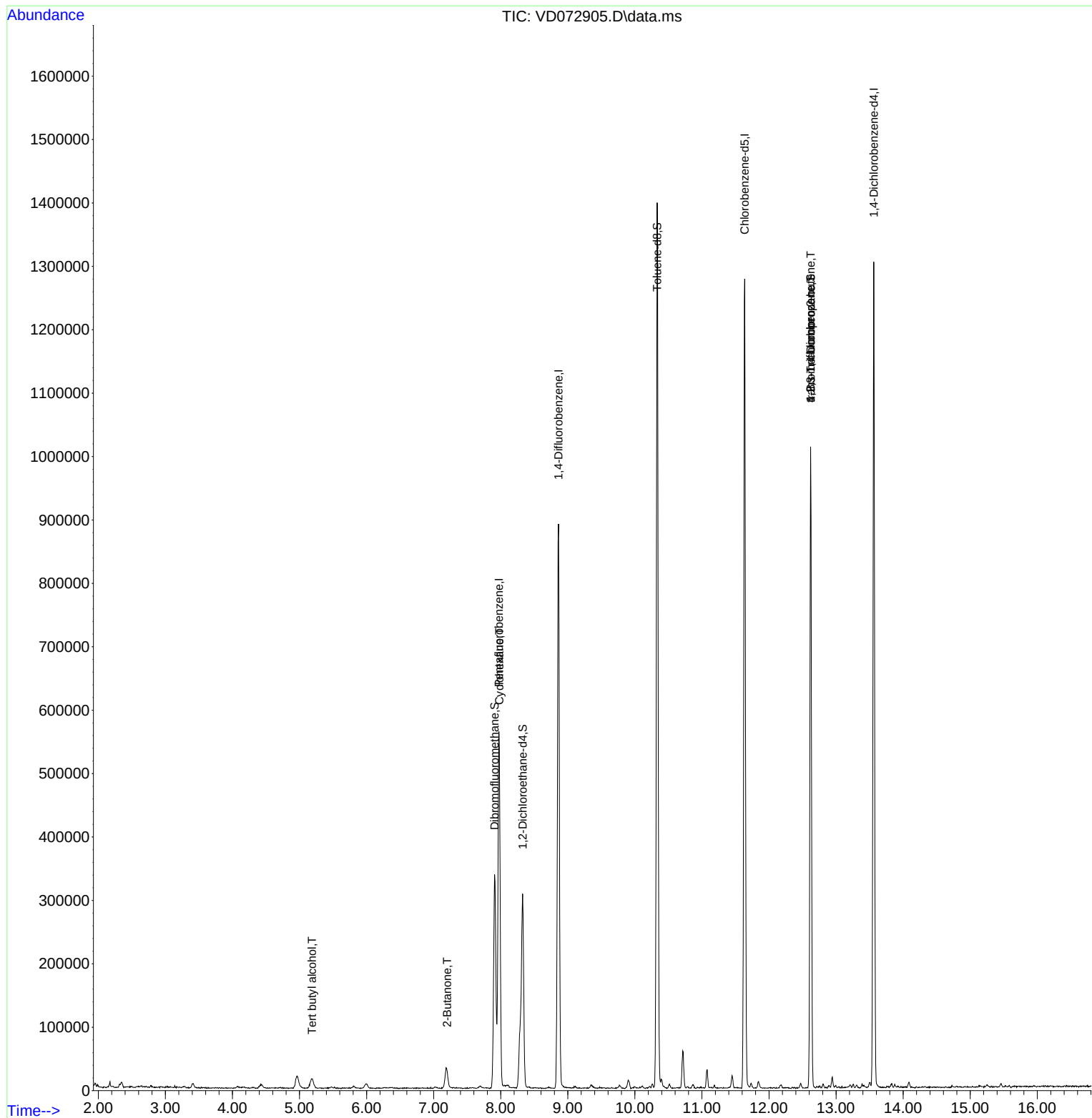
Internal Standards						
1) Pentafluorobenzene	7.973	168	404346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	748874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	731322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	233384	44.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.920%
35) Dibromofluoromethane	7.909	113	242789	46.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.332	98	916026	48.554	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.620	95	327499	46.555	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1865	Below Cal		94
11) Tert butyl alcohol	5.185	59	13675	30.113 ug/l	#	74
16) Acetone	4.162	43	3463	Below Cal		92
18) Methyl Acetate	4.720	43	54	Below Cal	#	55
20) Methylene Chloride	4.956	84	14633	Below Cal		88
25) 2-Butanone	7.203	43	1787	1.168 ug/l	#	52
31) Cyclohexane	7.979	56	10668	1.163 ug/l	#	1
76) 1,2,3-Trichloropropane	12.620	75	172103	46.098 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	172103	106.006 ug/l	#	7

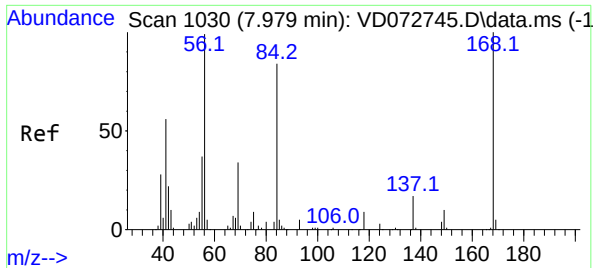
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

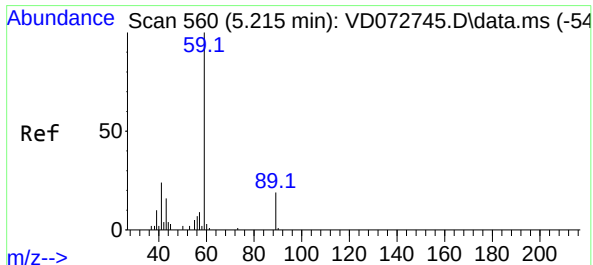
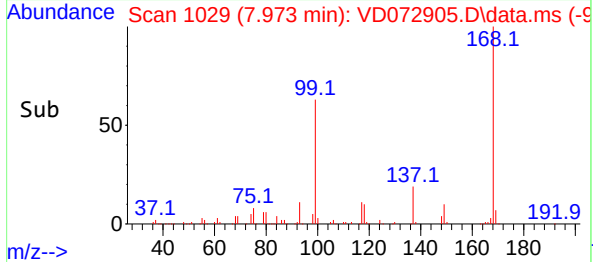
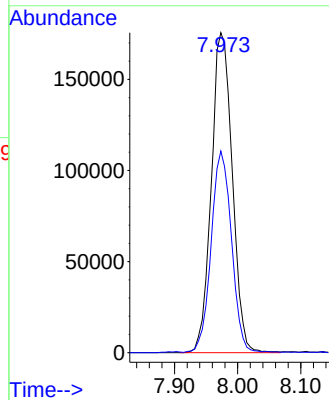
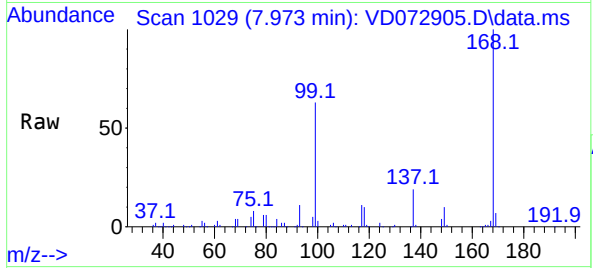




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

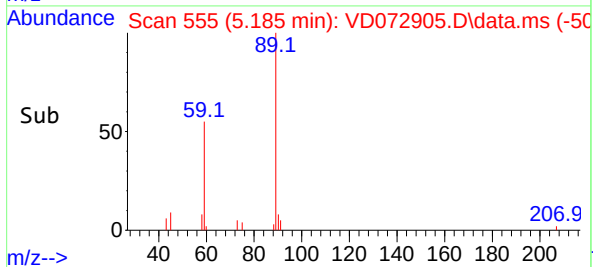
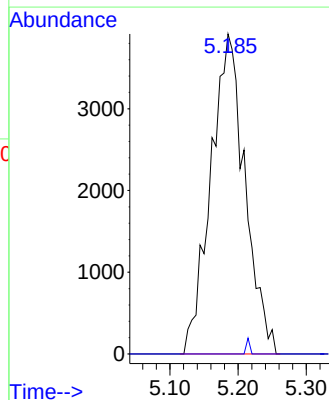
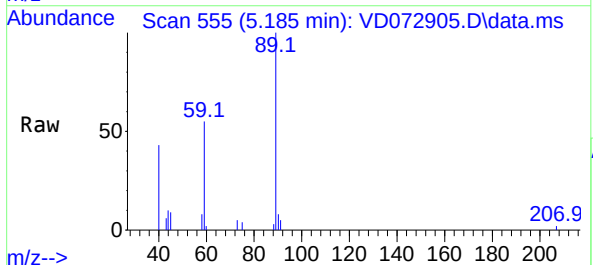
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

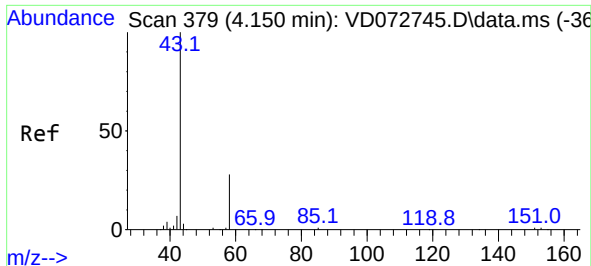
Tgt Ion:168 Resp: 404346
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#11
Tert butyl alcohol
Concen: 30.113 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.030 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 59 Resp: 13675
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

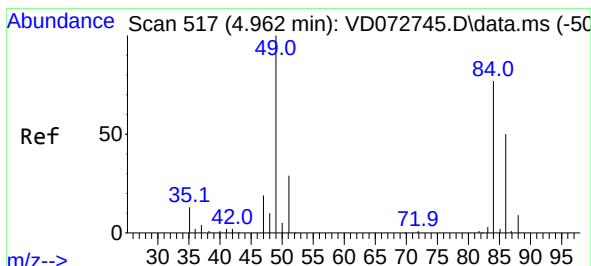
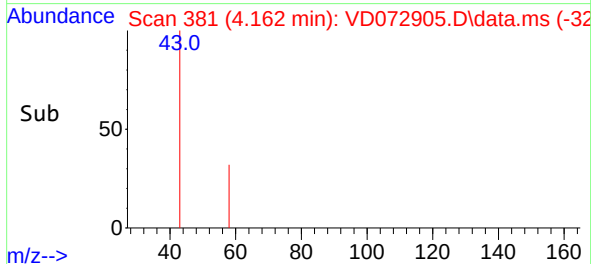
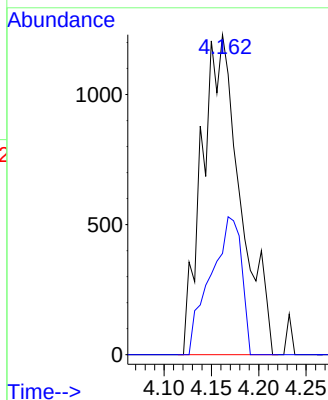
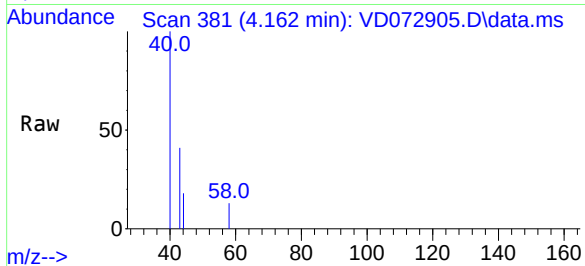




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

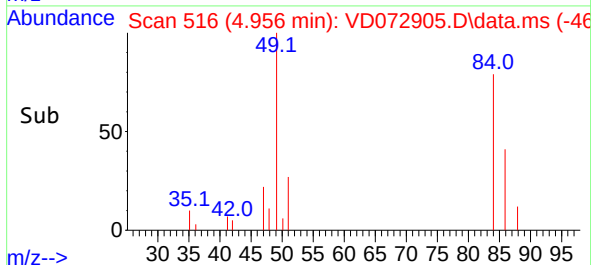
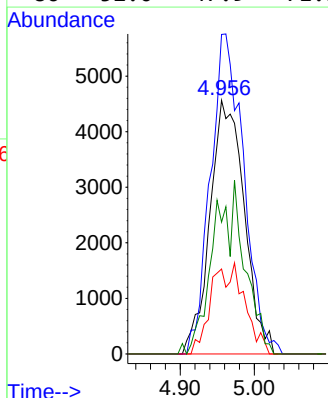
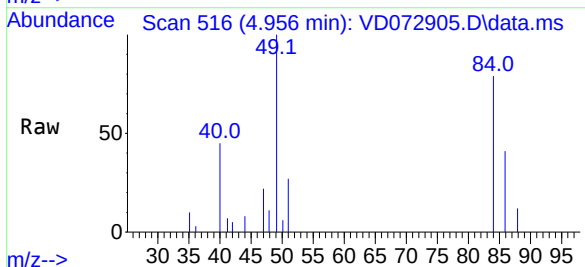
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

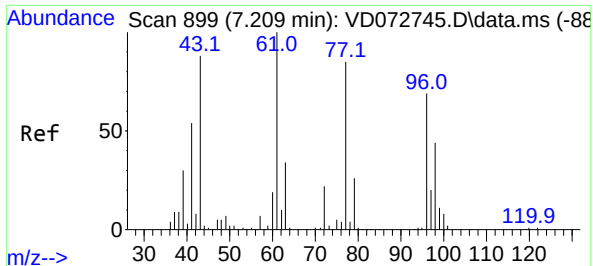
Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
58 31.6 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 84 Resp: 14633
Ion Ratio Lower Upper
84 100
49 126.0 112.8 169.2
51 33.5 32.6 48.8
86 52.0 47.9 71.9





#25

2-Butanone

Concen: 1.168 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD072905.D

Acq: 10 May 2022 10:51

Instrument :

MSVOA_D

ClientSampleId :

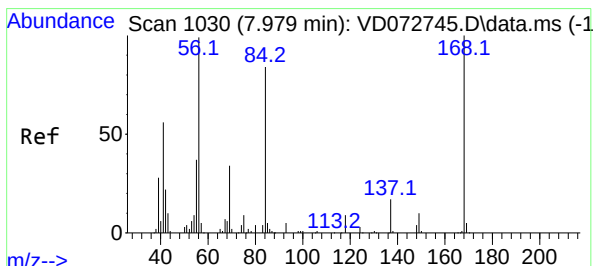
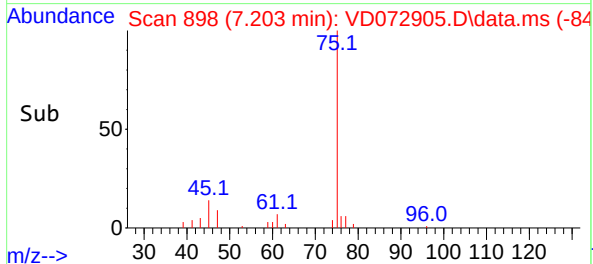
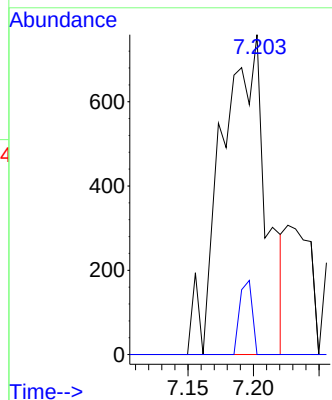
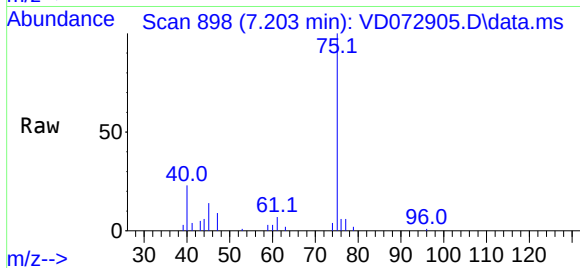
VD0510SBL01

Tgt Ion: 43 Resp: 1787

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072905.D

Acq: 10 May 2022 10:51

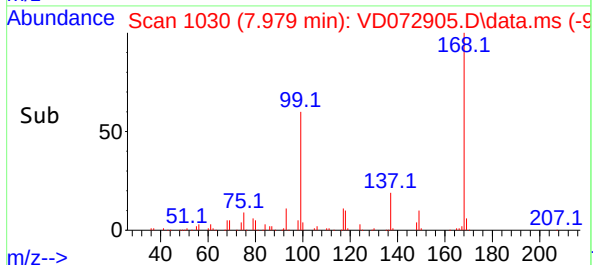
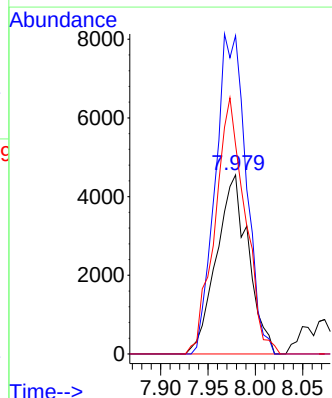
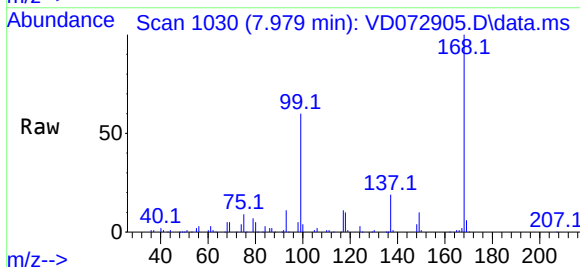
Tgt Ion: 56 Resp: 10668

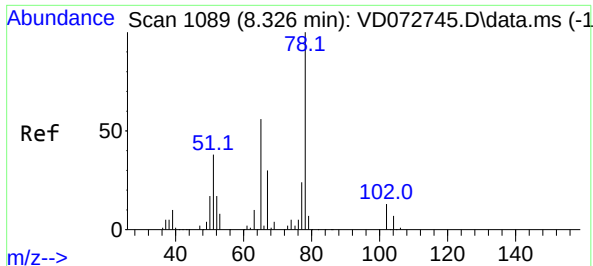
Ion Ratio Lower Upper

56 100

69 177.7 25.4 38.2#

84 116.9 63.0 94.4#

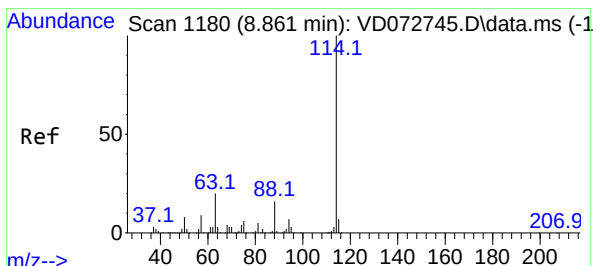
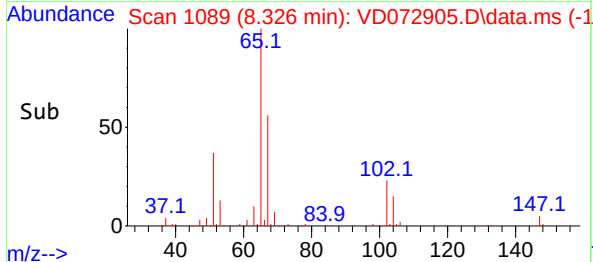
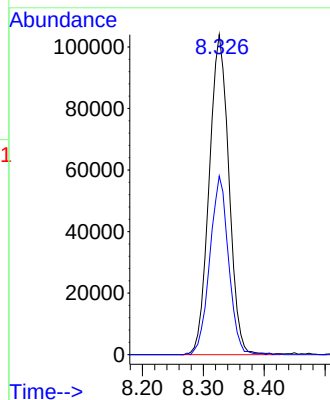
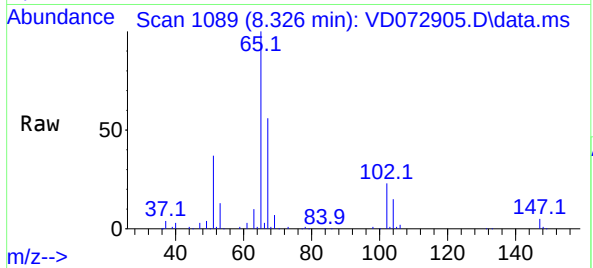




#33
1,2-Dichloroethane-d4
Concen: 44.465 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

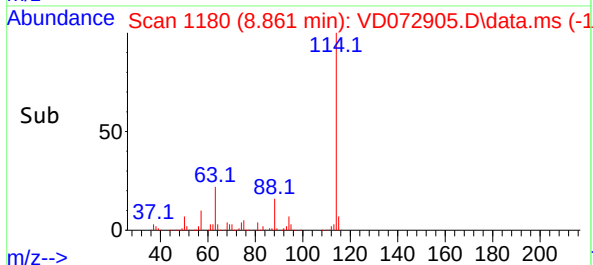
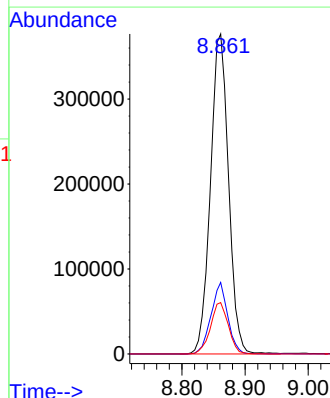
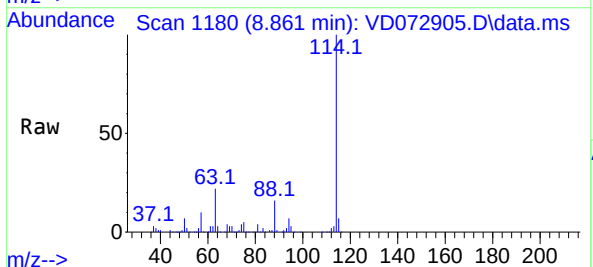
Instrument :
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VD0510SBL01

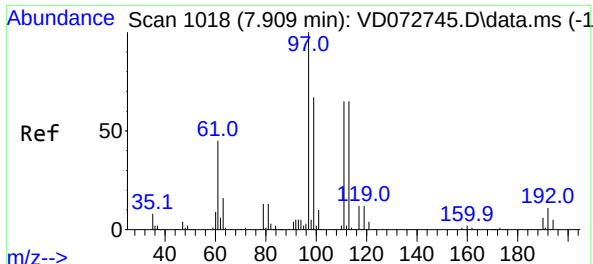
Tgt Ion: 65 Resp: 233384
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 114 Resp: 748874
Ion Ratio Lower Upper
114 100
63 22.4 0.0 46.6
88 16.0 0.0 33.2



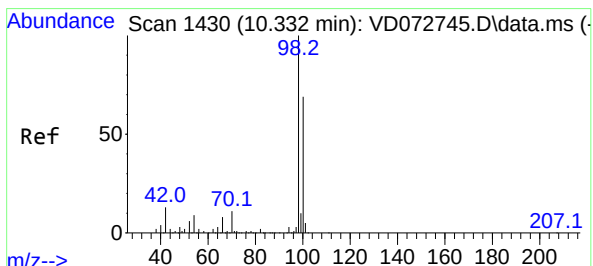
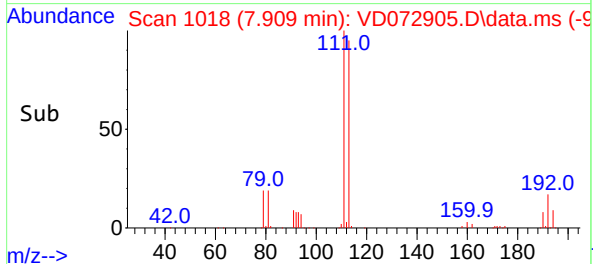
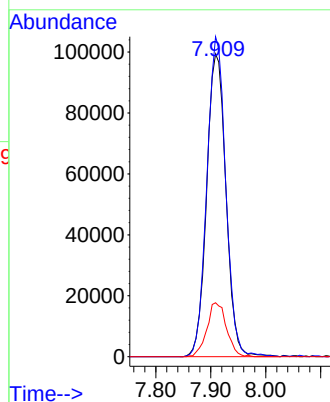
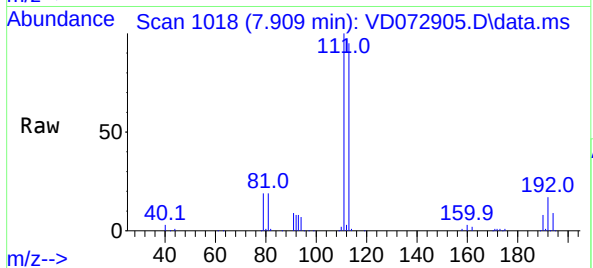


#35
Dibromofluoromethane
Concen: 46.163 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Instrument : MSVOA_D
ClientSampleId : VD0510SBL01

Tgt Ion:113 Resp: 242789

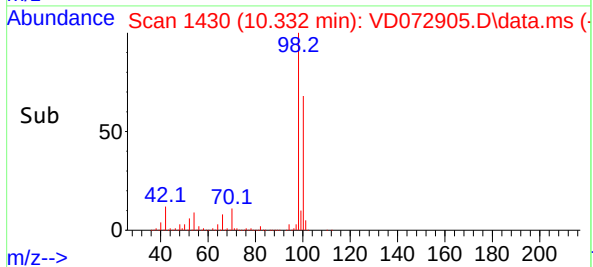
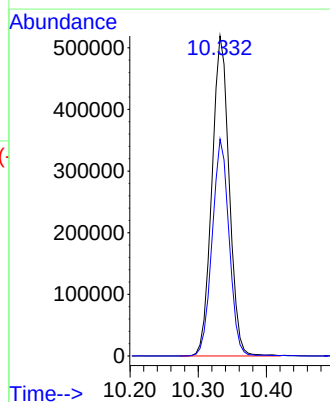
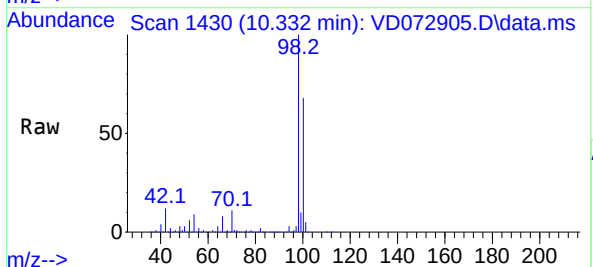
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	18.1	14.6	21.8

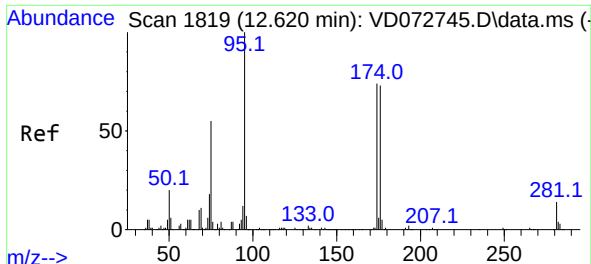


#50
Toluene-d8
Concen: 48.554 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 98 Resp: 916026

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.4	78.6

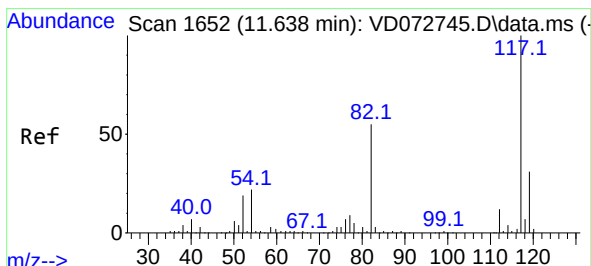
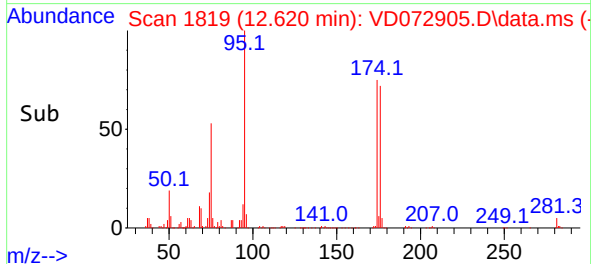
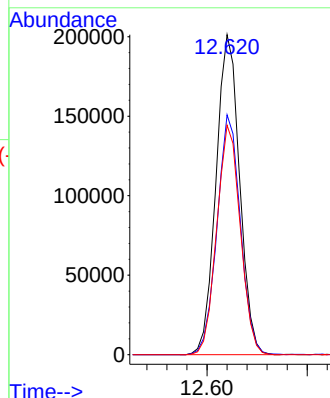
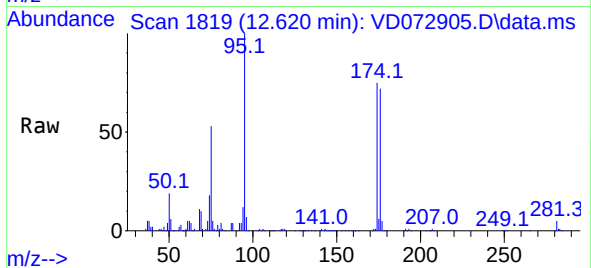




#62
4-Bromofluorobenzene
Concen: 46.555 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

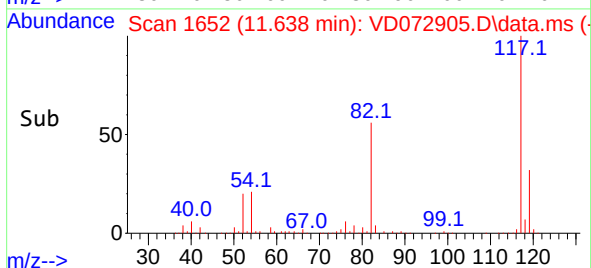
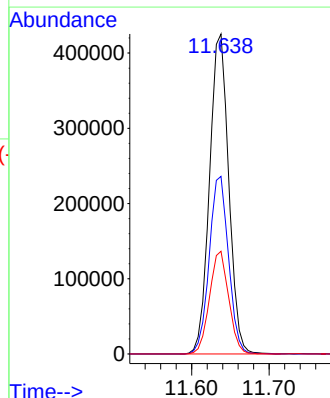
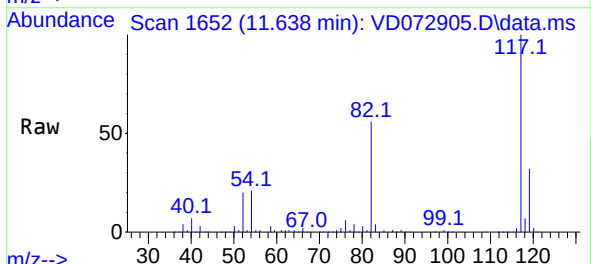
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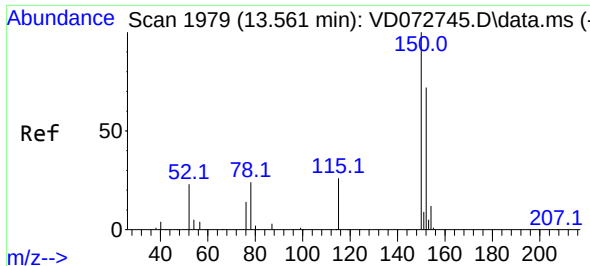
Tgt Ion: 95 Resp: 327499
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Tgt Ion: 117 Resp: 731322
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.1 26.6 40.0

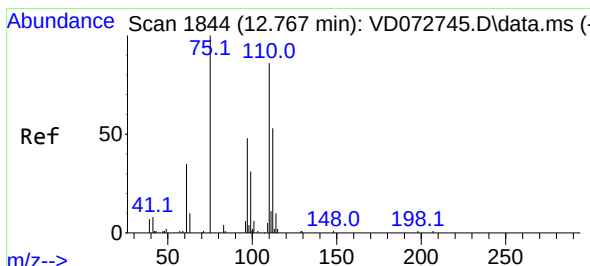
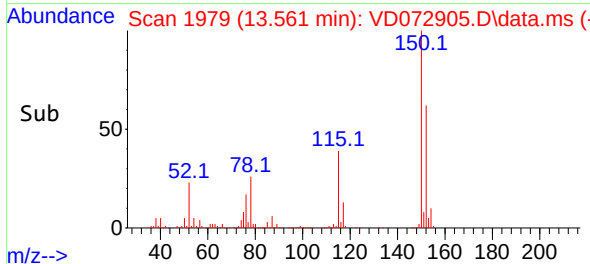
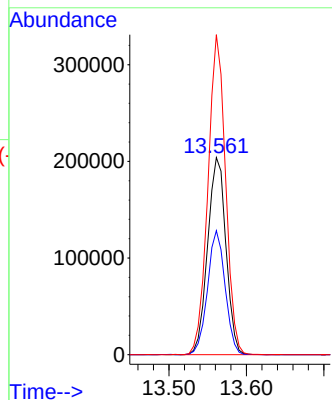
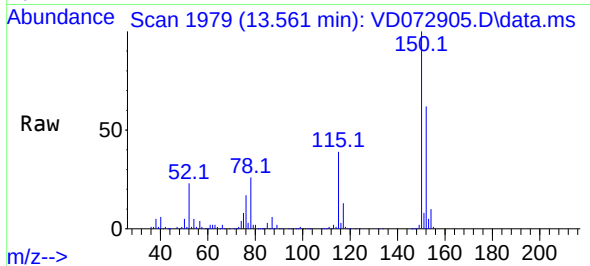




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

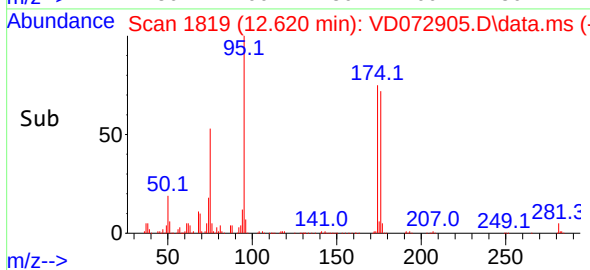
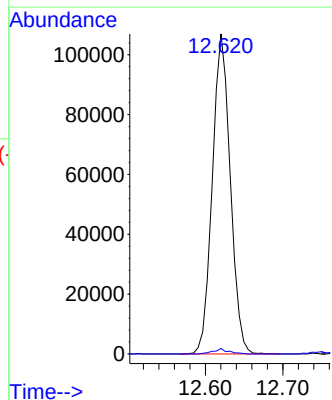
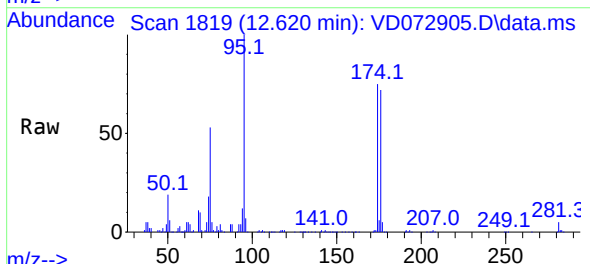
Instrument :
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VD0510SBL01

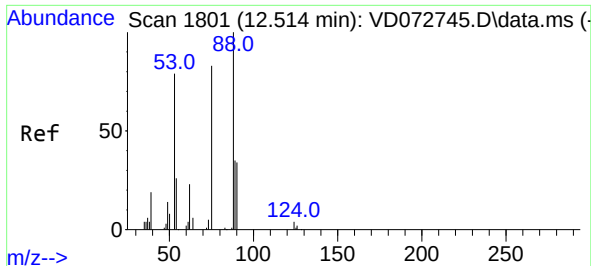
Tgt Ion:152 Resp: 334819
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 155.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.098 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

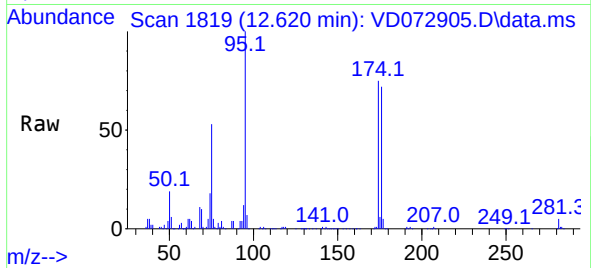
Tgt Ion: 75 Resp: 172103
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.006 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072905.D
Acq: 10 May 2022 10:51

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01



Tgt Ion: 75 Resp: 172103
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

