

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072949.D
 Acq On : 12 May 2022 15:54
 Operator : VA/SY
 Sample : N2749-10
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: May 13 05:55:41 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)

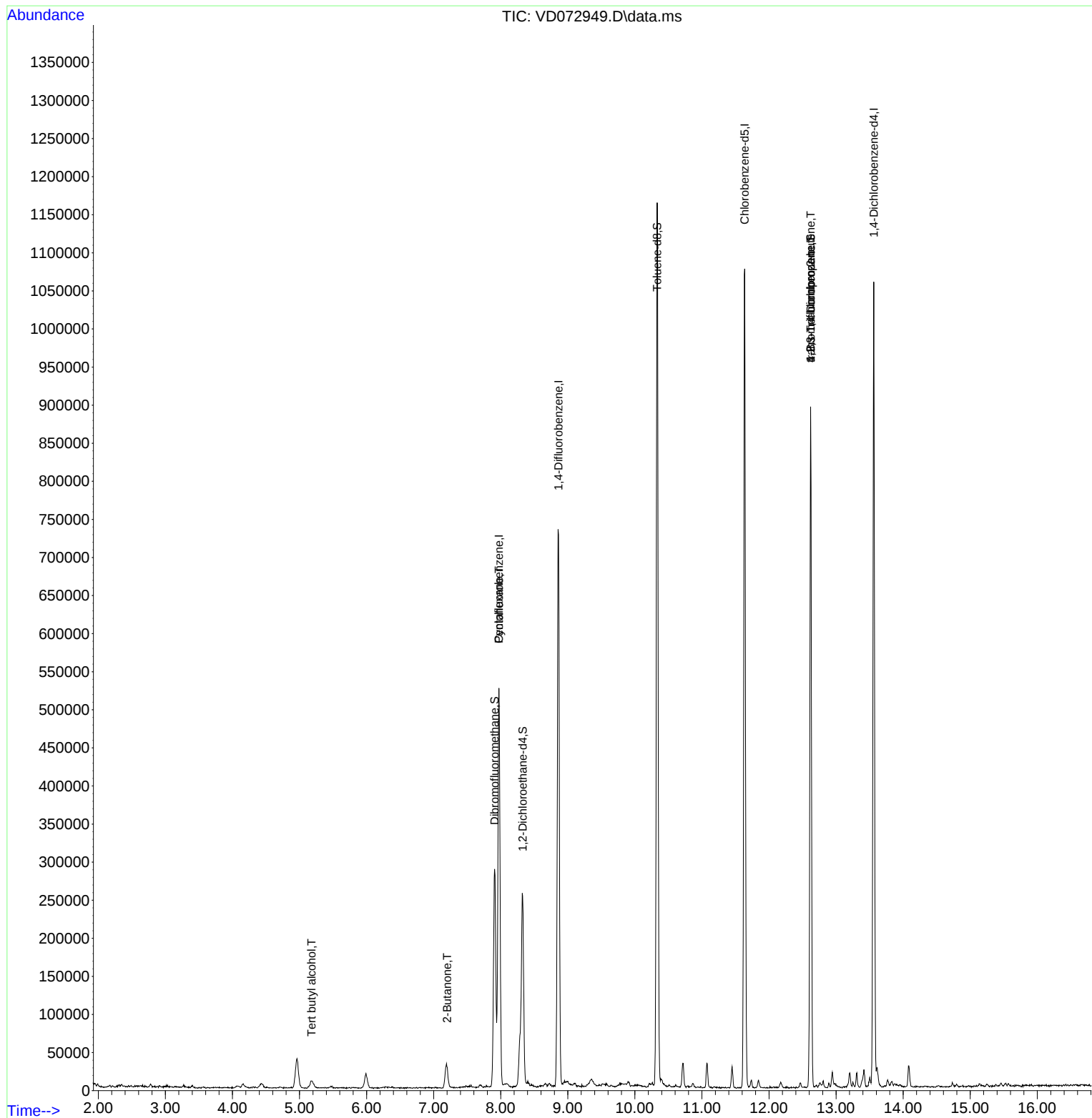
Internal Standards						
1) Pentafluorobenzene	7.973	168	372714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	645611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	615649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195282	40.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.720%
35) Dibromofluoromethane	7.909	113	209885	46.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.332	98	788374	48.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.620	95	272246	44.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.780%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1807	Below Cal		89
11) Tert butyl alcohol	5.179	59	10365	24.761 ug/l	#	74
16) Acetone	4.162	43	8887	Below Cal		93
18) Methyl Acetate	4.703	43	57	Below Cal	#	55
20) Methylene Chloride	4.962	84	31005	Below Cal		87
25) 2-Butanone	7.203	43	2233	1.584 ug/l		95
31) Cyclohexane	7.973	56	9718	1.149 ug/l	#	8
76) 1,2,3-Trichloropropane	12.620	75	140458	46.198 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	140458	106.236 ug/l	#	7

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

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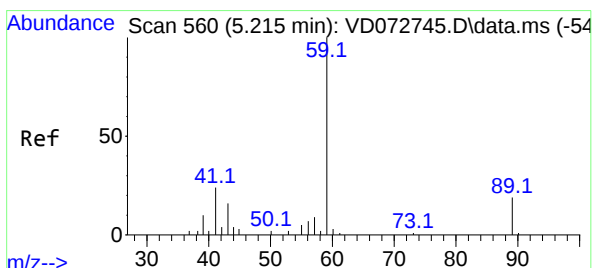
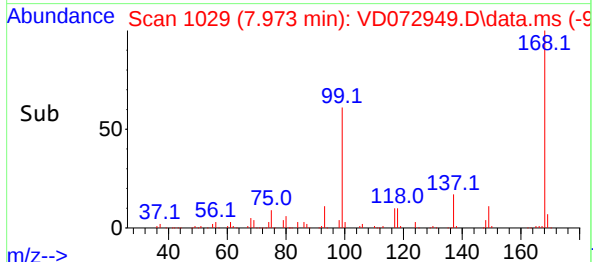
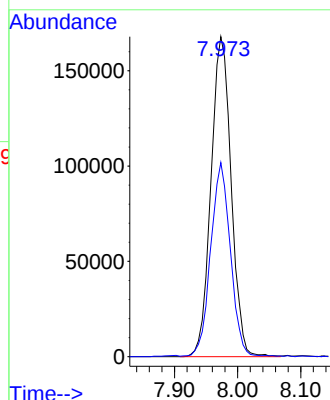
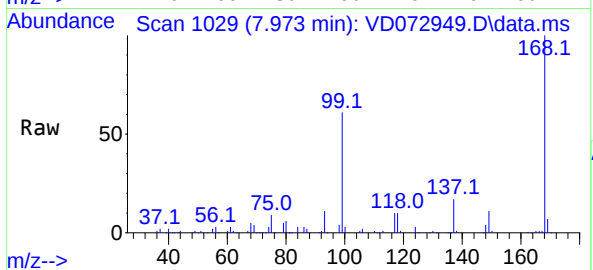




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

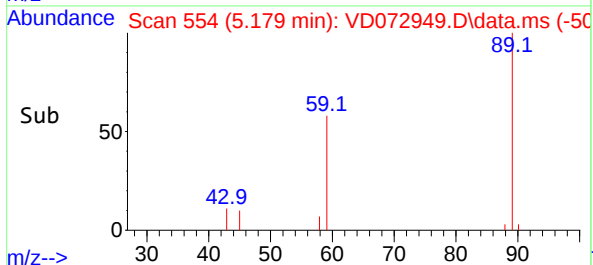
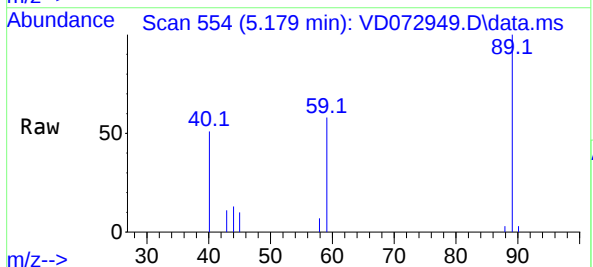
Instrument :
MSVOA_D
ClientSampleId :
TP-4

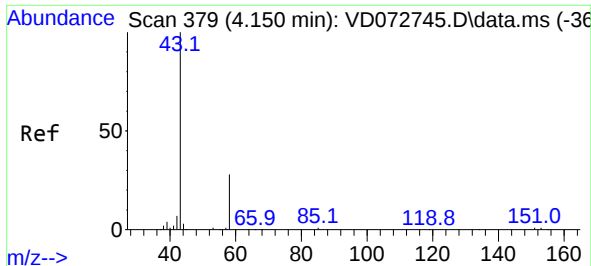
Tgt Ion:168 Resp: 372714
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#11
Tert butyl alcohol
Concen: 24.761 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

Tgt Ion: 59 Resp: 10365
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

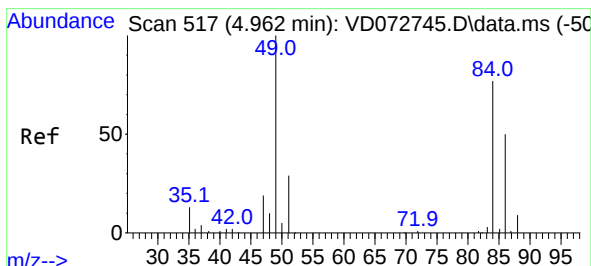
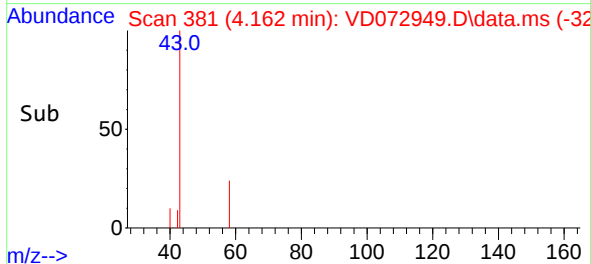
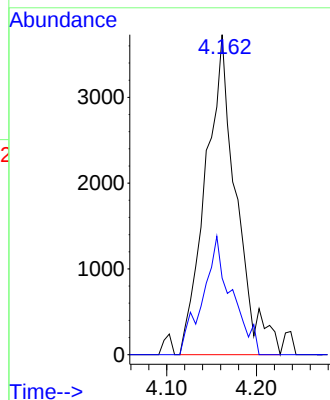
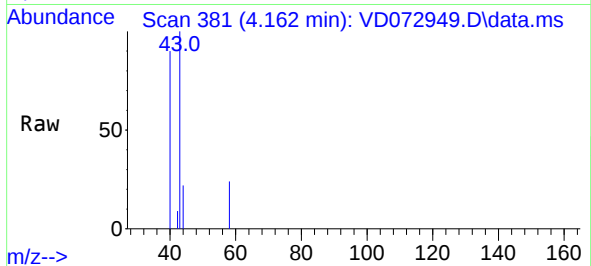




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

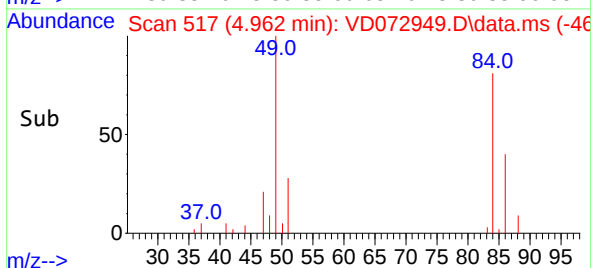
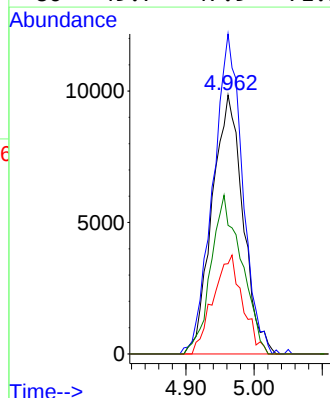
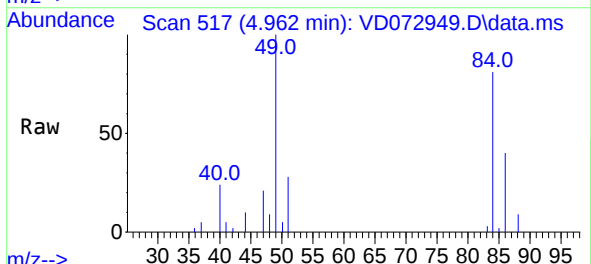
Instrument :
MSVOA_D
ClientSampleId :
TP-4

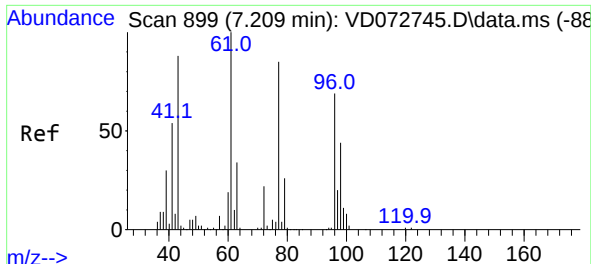
Tgt Ion: 43 Resp: 8887
Ion Ratio Lower Upper
43 100
58 23.9 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

Tgt Ion: 84 Resp: 31005
Ion Ratio Lower Upper
84 100
49 123.6 112.8 169.2
51 34.8 32.6 48.8
86 49.7 47.9 71.9

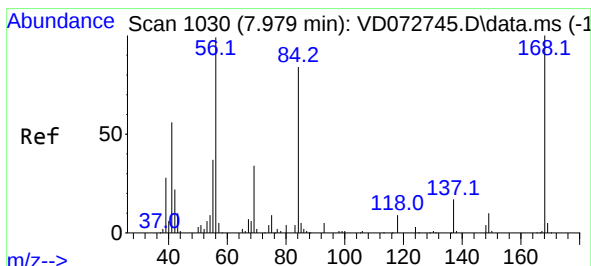
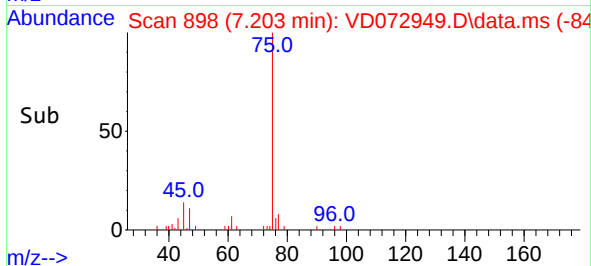
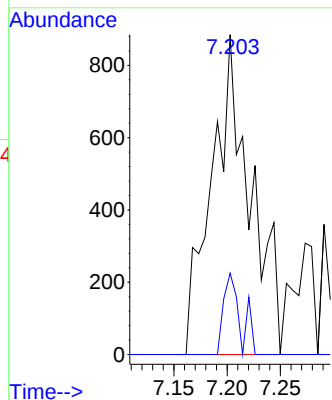
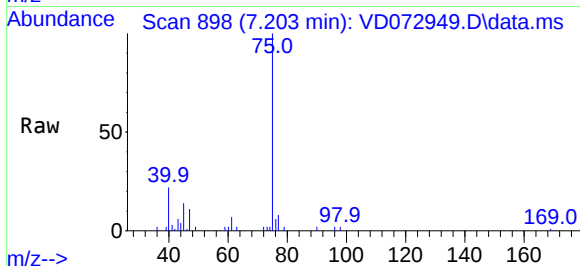




#25
2-Butanone
Concen: 1.584 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

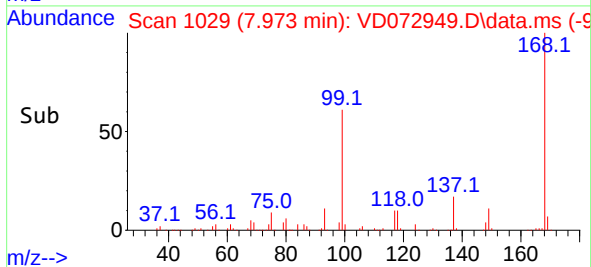
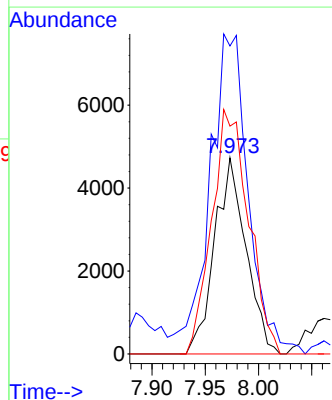
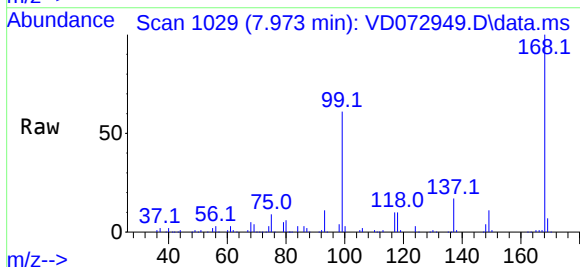
Instrument :
MSVOA_D
ClientSampleId :
TP-4

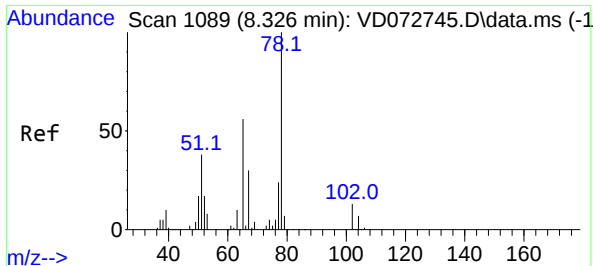
Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
72 25.4 18.6 27.8



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

Tgt Ion: 56 Resp: 9718
Ion Ratio Lower Upper
56 100
69 151.1 25.4 38.2#
84 116.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 40.363 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072949.D

Acq: 12 May 2022 15:54

Instrument :

MSVOA_D

ClientSampleId :

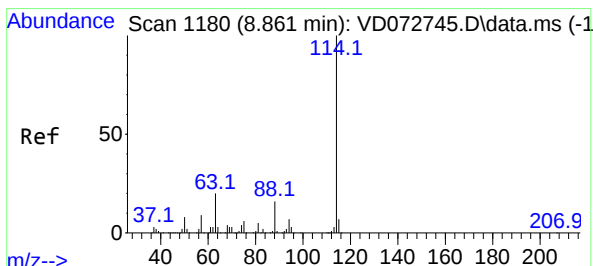
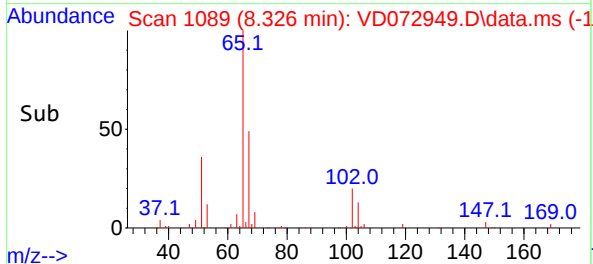
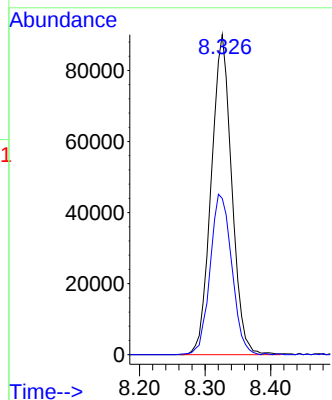
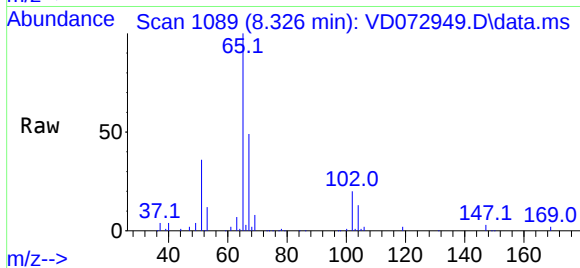
TP-4

Tgt Ion: 65 Resp: 195282

Ion Ratio Lower Upper

65 100

67 53.0 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: VD072949.D

Acq: 12 May 2022 15:54

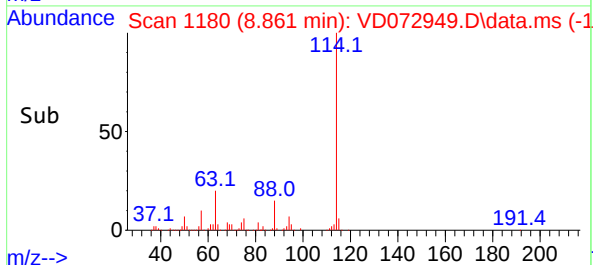
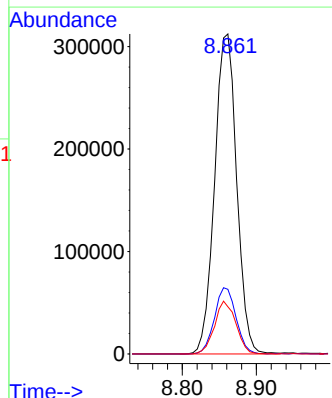
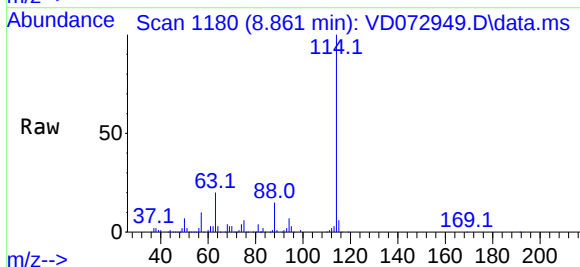
Tgt Ion: 114 Resp: 645611

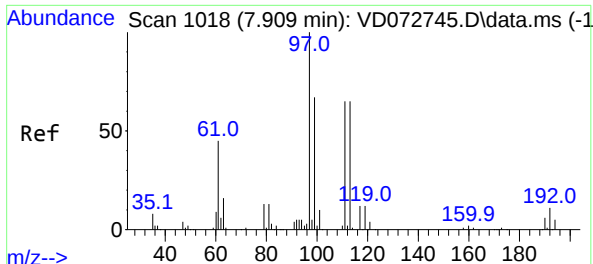
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 14.8 0.0 33.2

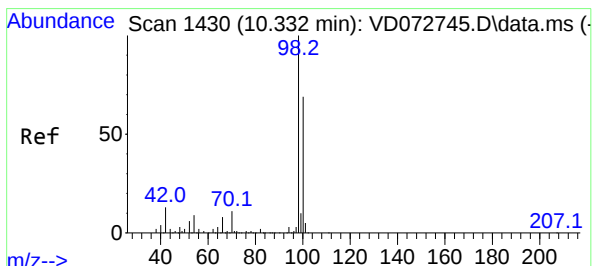
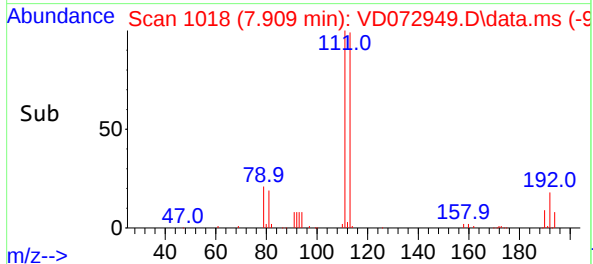
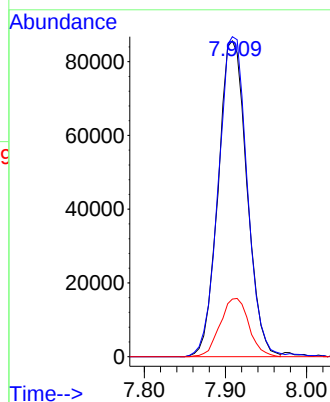
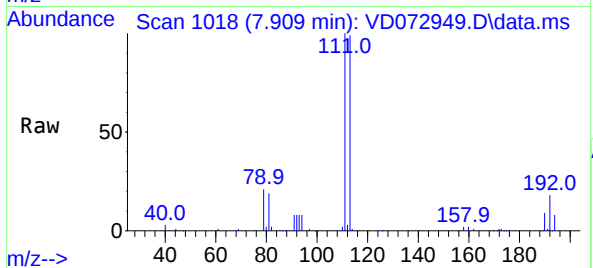




#35
Dibromofluoromethane
Concen: 46.289 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

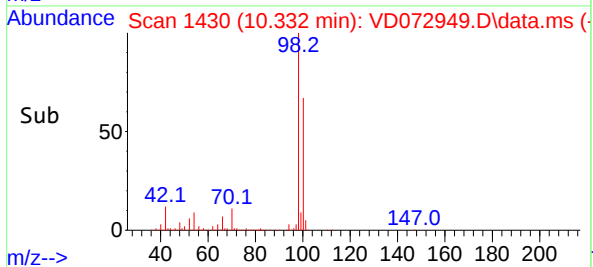
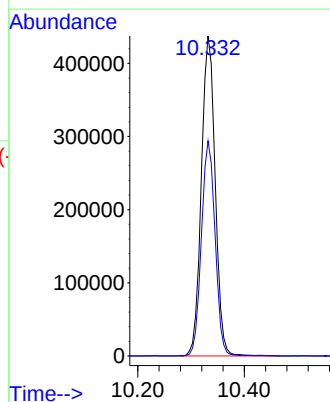
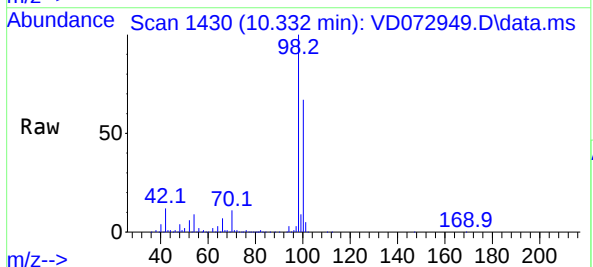
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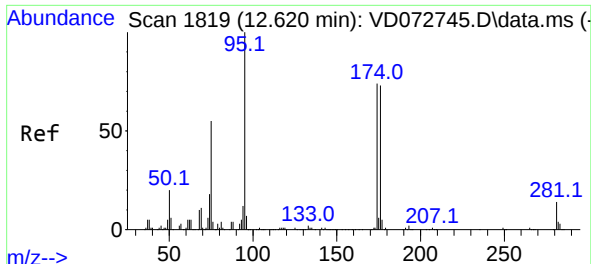
Tgt Ion:113 Resp: 209885
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 48.472 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

Tgt Ion: 98 Resp: 788374
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

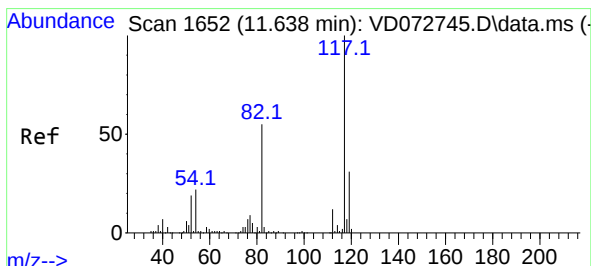
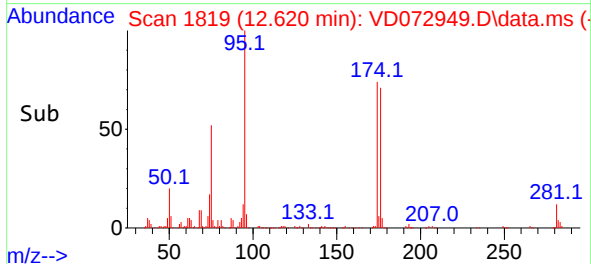
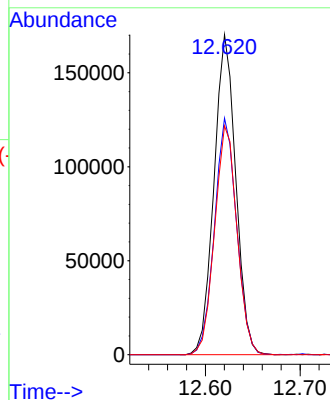
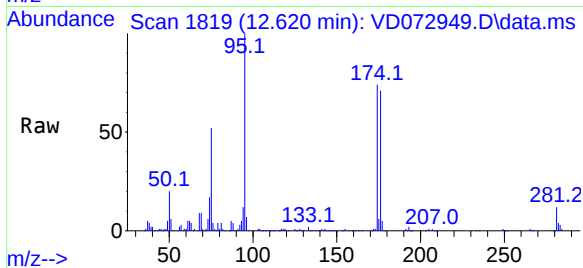




#62
4-Bromofluorobenzene
Concen: 44.891 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

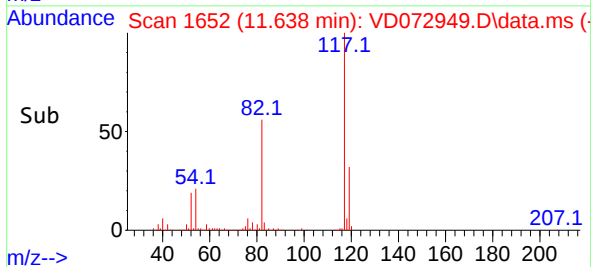
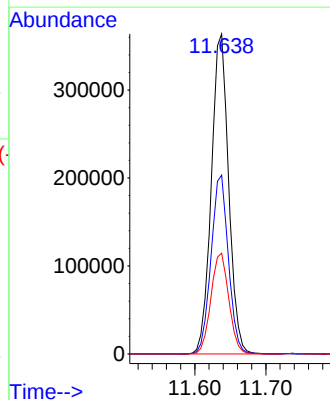
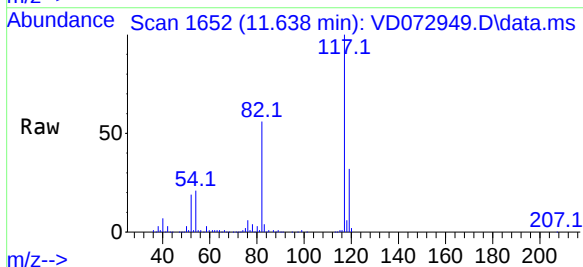
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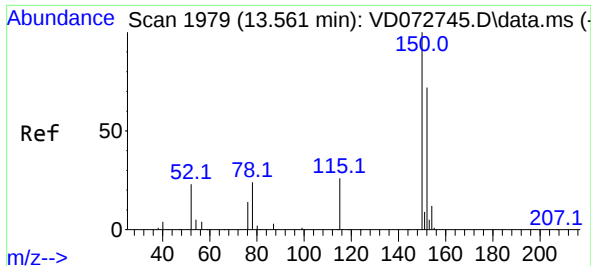
Tgt Ion: 95 Resp: 272246
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

Tgt Ion: 117 Resp: 615649
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.5 26.6 40.0

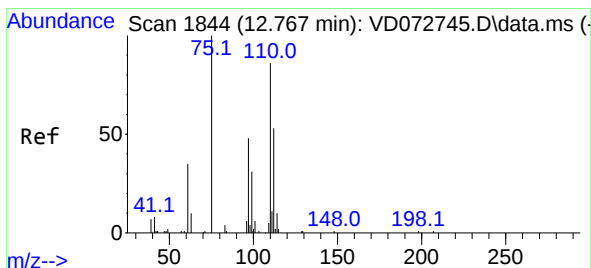
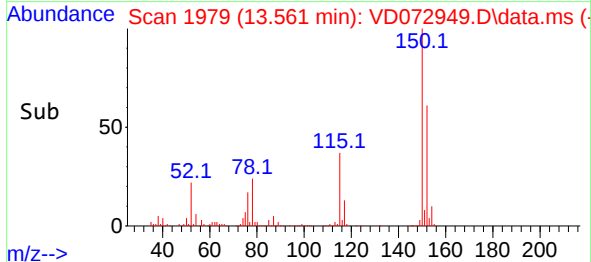
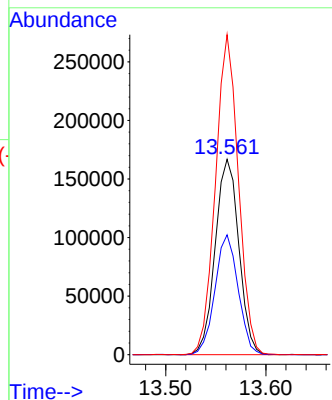
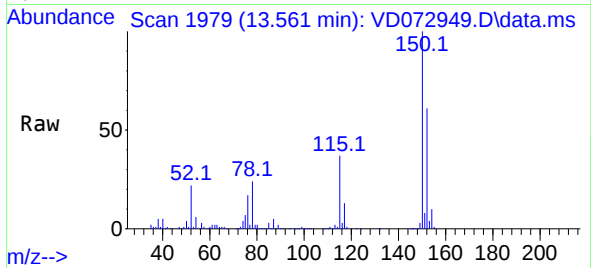




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

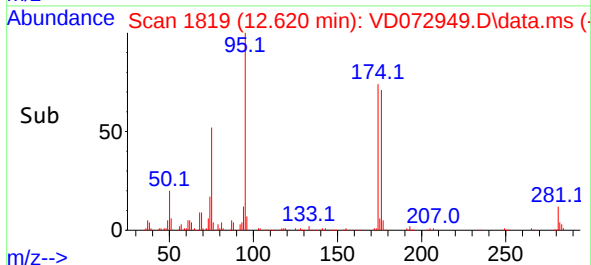
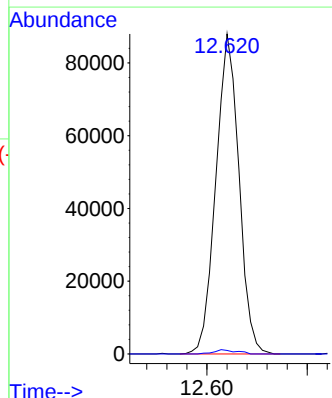
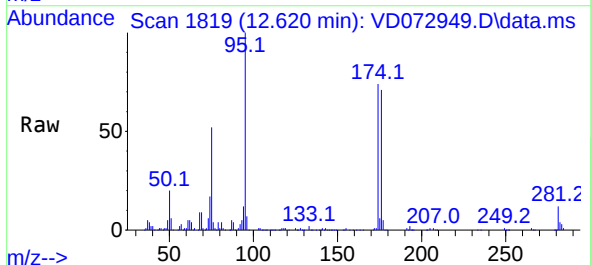
Instrument :
MSVOA_D
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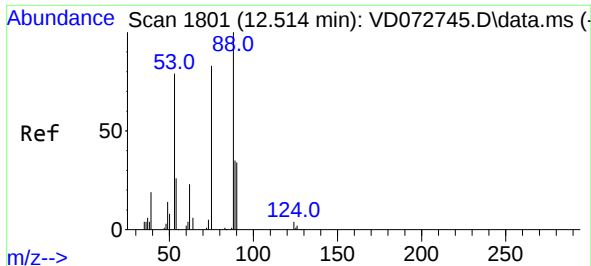
Tgt Ion:152 Resp: 272662
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 158.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.198 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

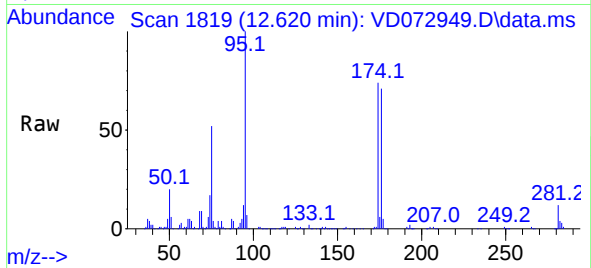
Tgt Ion: 75 Resp: 140458
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.236 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072949.D
Acq: 12 May 2022 15:54

Instrument :
MSVOA_D
ClientSampleId :
TP-4



Tgt Ion: 75 Resp: 140458
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.4 33.9 50.9#

