

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073264.D
 Acq On : 22 May 2022 09:27
 Operator : VA/SY
 Sample : N2920-19
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS007-0006-01

Quant Time: May 23 01:14:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

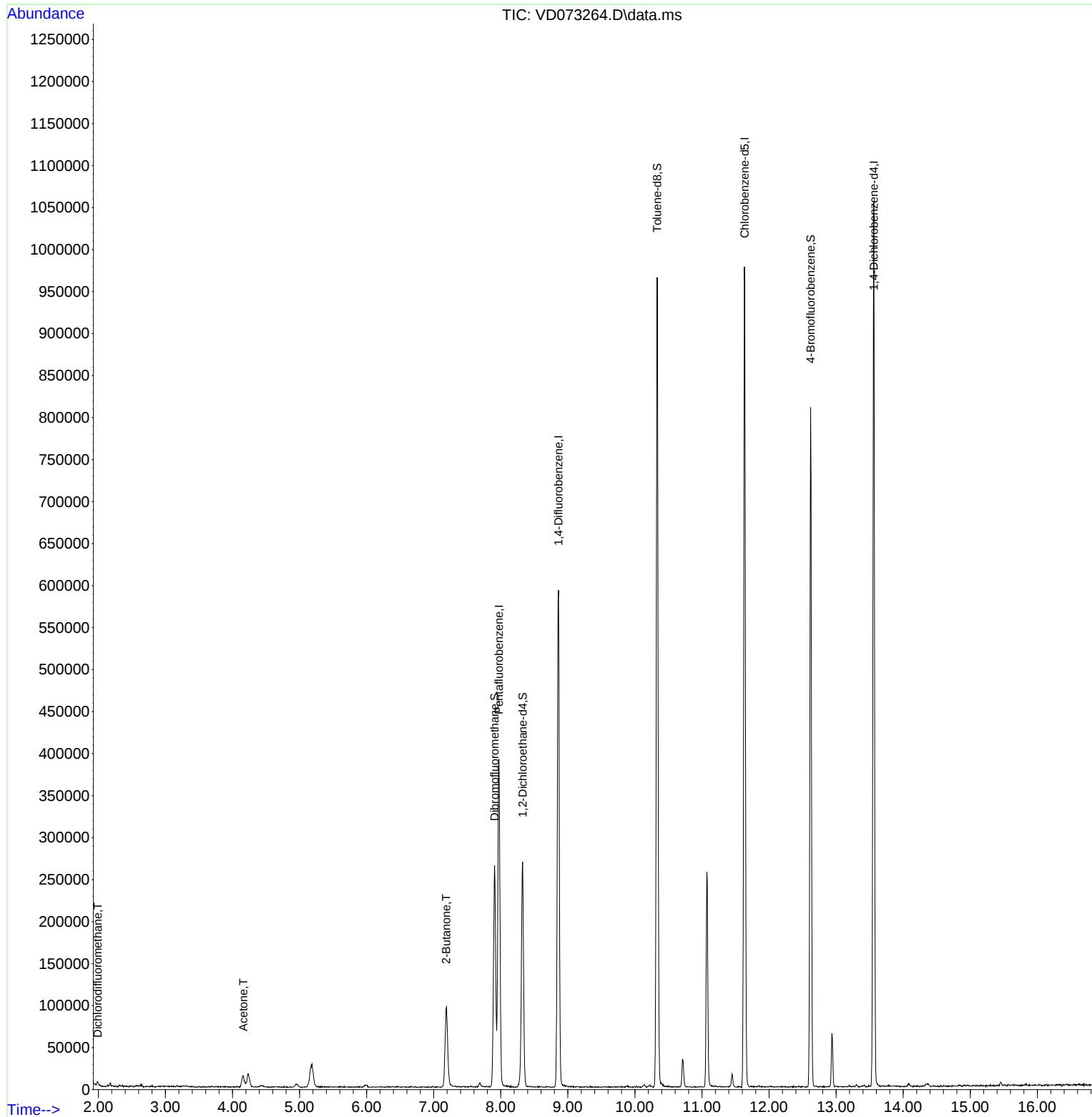
Internal Standards						
1) Pentafluorobenzene	7.973	168	279322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	507105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	274511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208673	67.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.200%
35) Dibromofluoromethane	7.908	113	187601	56.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.120%
50) Toluene-d8	10.332	98	640428	51.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.620	95	255668	59.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	3626	1.299	ug/l	92
16) Acetone	4.162	43	23506	43.962	ug/l #	84
25) 2-Butanone	7.185	43	5758	7.361	ug/l	91

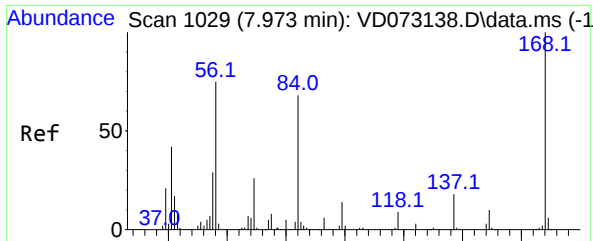
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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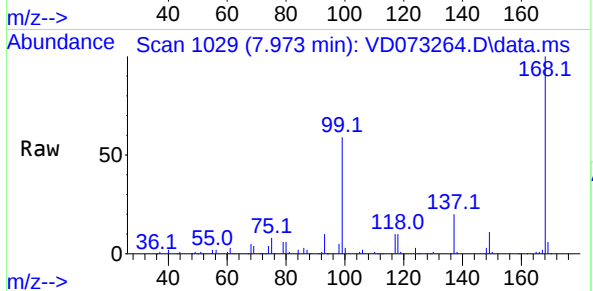
Quant Time: May 23 01:14:50 2022
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Response via : Initial Calibration



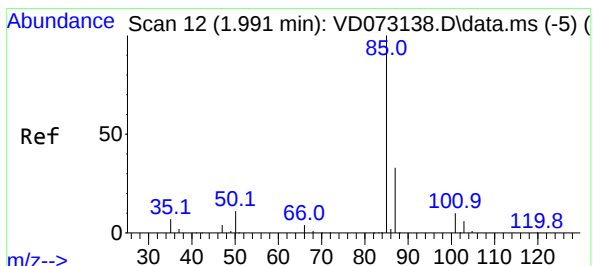
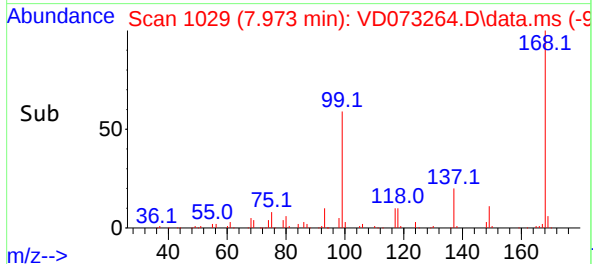
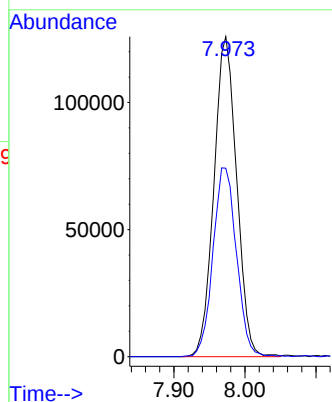


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

Instrument :
MSVOA_D
ClientSampleId :
P024-SS007-0006-01

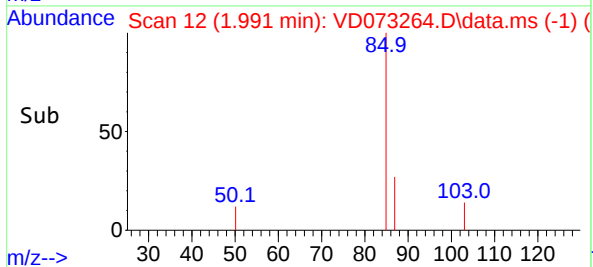
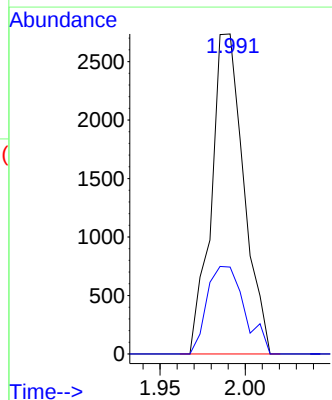
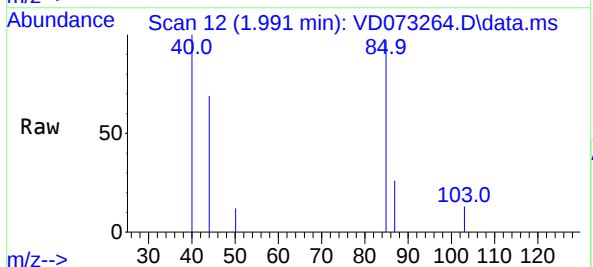


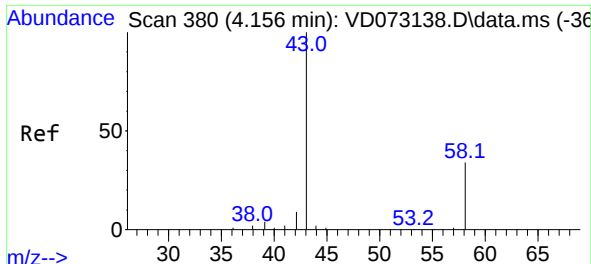
Tgt Ion:168 Resp: 279322
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.299 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

Tgt Ion: 85 Resp: 3626
Ion Ratio Lower Upper
85 100
87 27.2 15.7 47.0

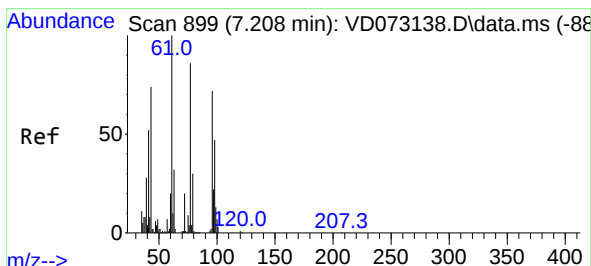
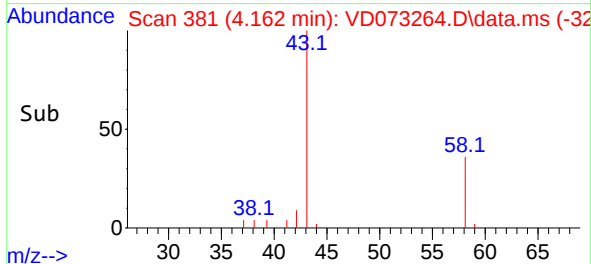
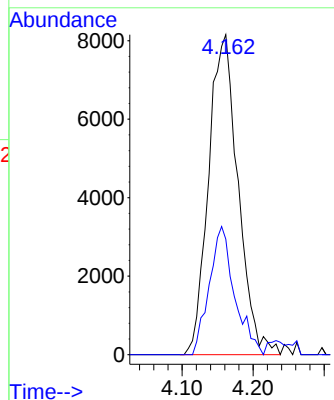
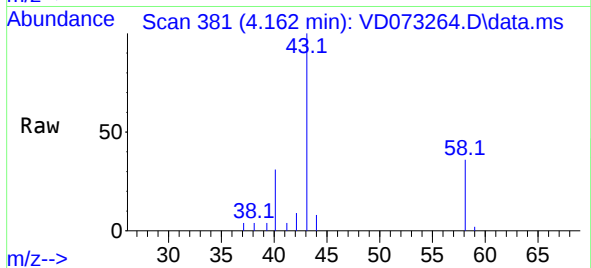




#16
Acetone
Concen: 43.962 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

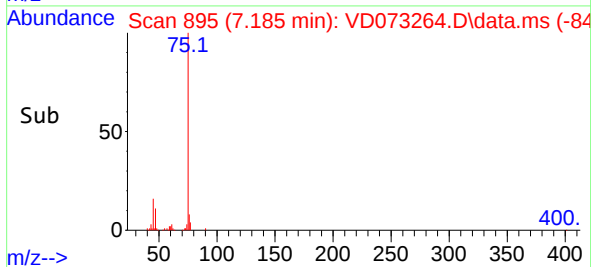
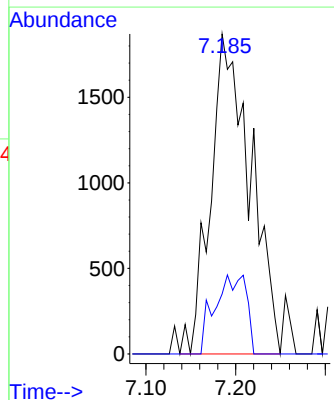
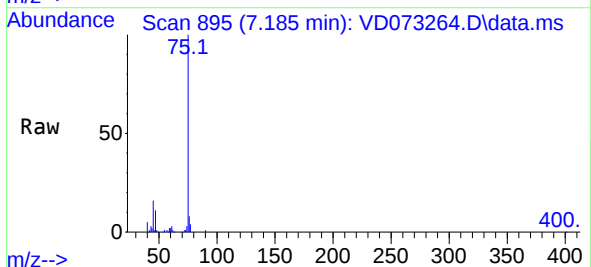
Instrument :
MSVOA_D
ClientSampleId :
P024-SS007-0006-01

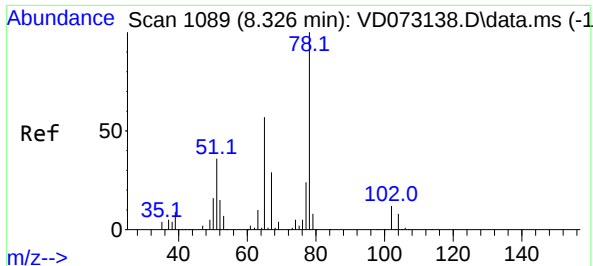
Tgt Ion: 43 Resp: 23506
Ion Ratio Lower Upper
43 100
58 36.1 22.1 33.1#



#25
2-Butanone
Concen: 7.361 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
72 18.8 18.6 27.8

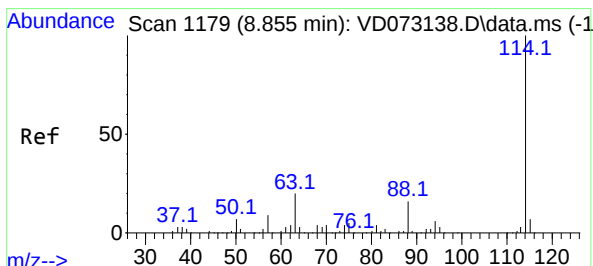
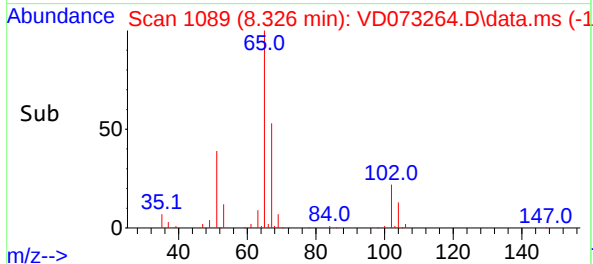
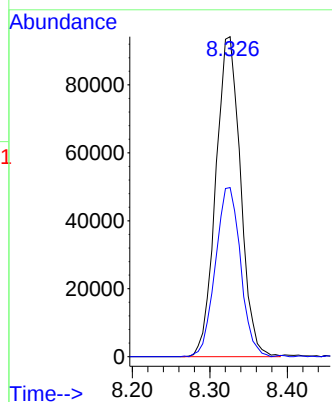
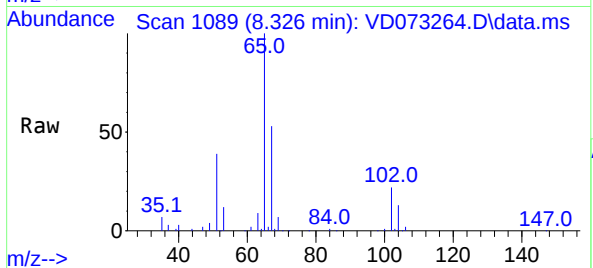




#33
1,2-Dichloroethane-d4
Concen: 67.599 ug/l
RT: 8.326 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

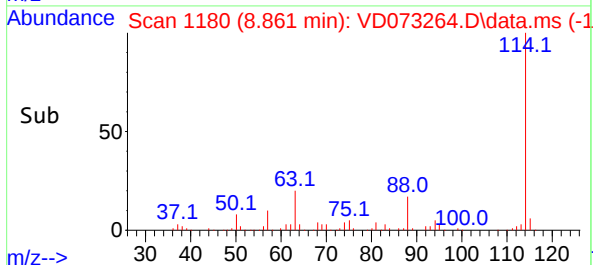
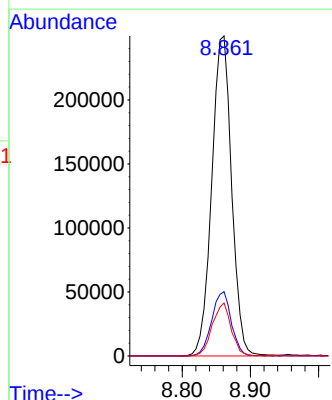
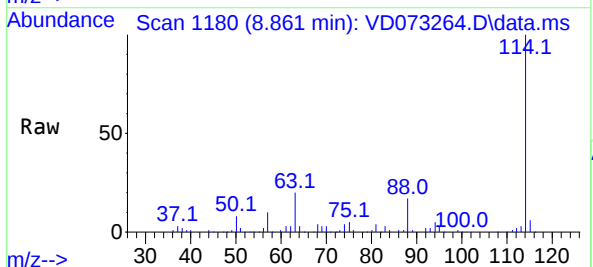
Instrument :
MSVOA_D
ClientSampleId :
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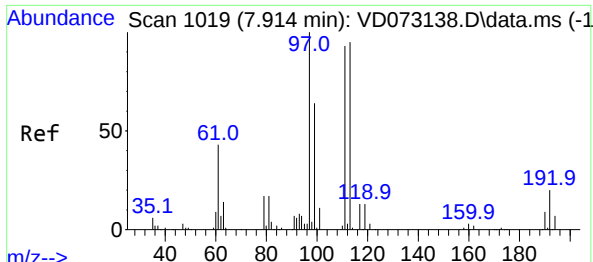
Tgt Ion: 65 Resp: 208673
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

Tgt Ion: 114 Resp: 507105
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 16.6 0.0 33.2

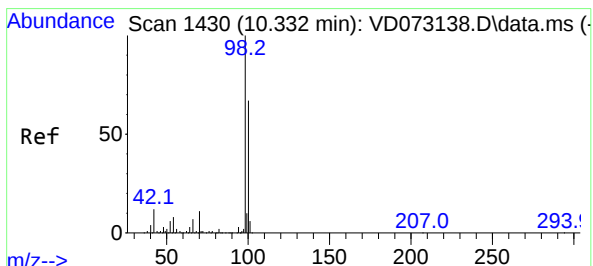
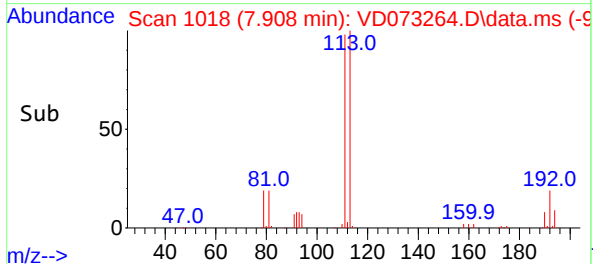
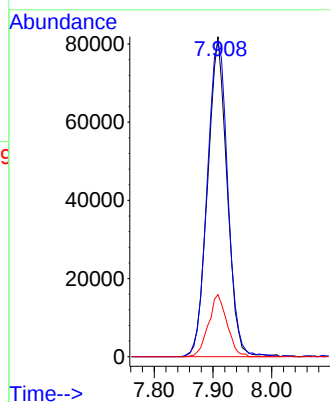
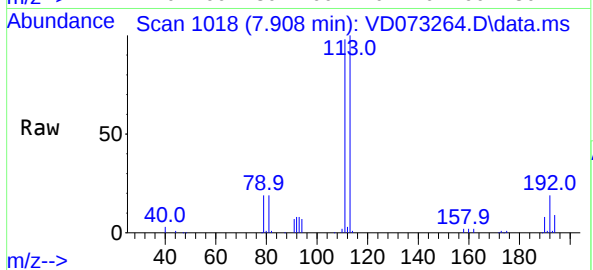




#35
Dibromofluoromethane
Concen: 56.064 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

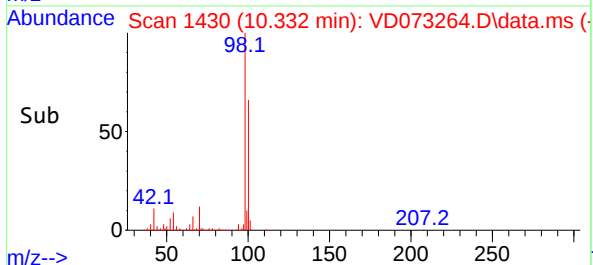
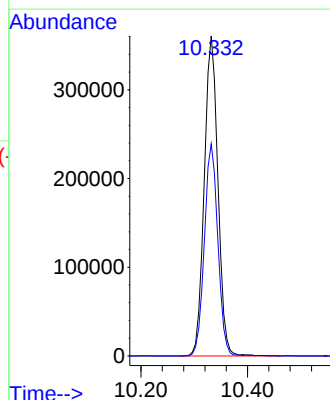
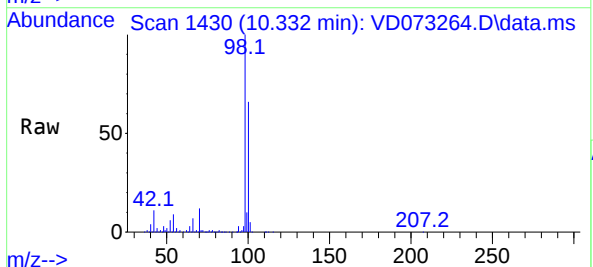
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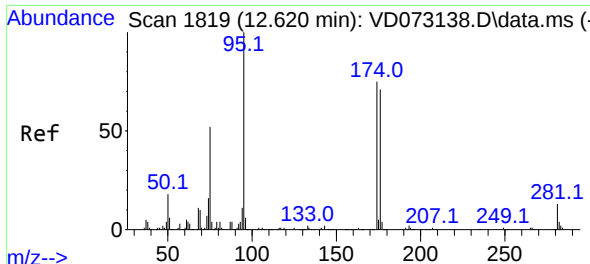
Tgt Ion:113 Resp: 187601
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 51.920 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

Tgt Ion: 98 Resp: 640428
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

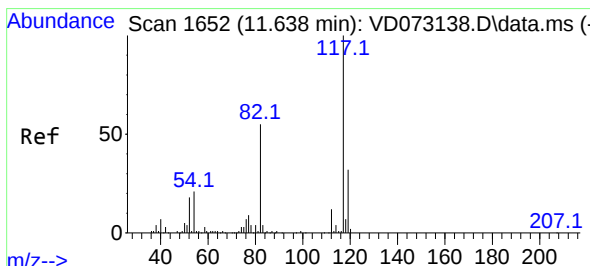
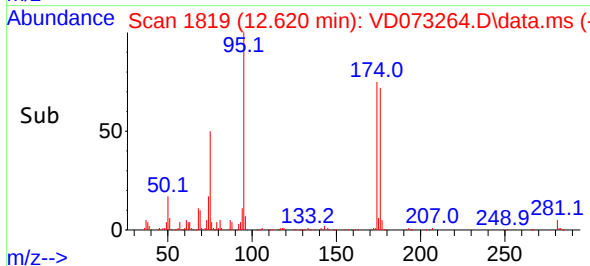
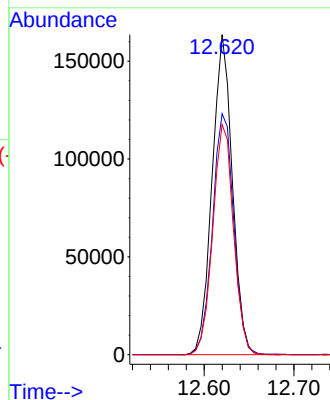
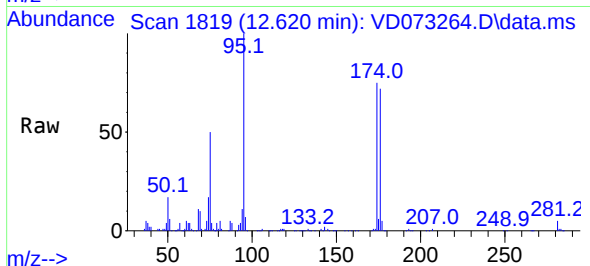




#62
4-Bromofluorobenzene
Concen: 59.061 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

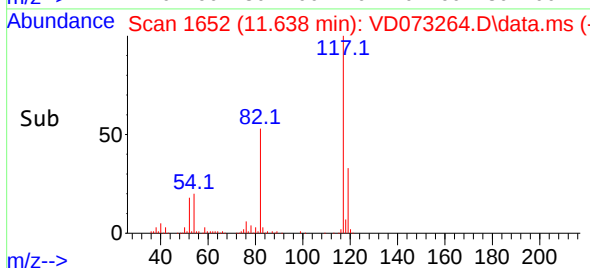
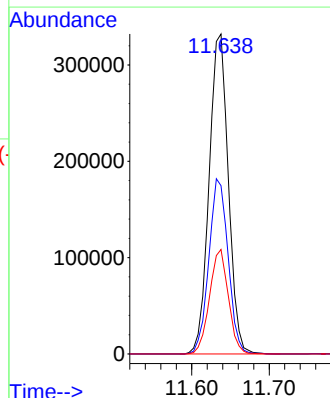
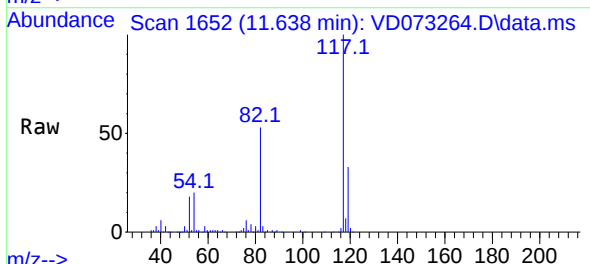
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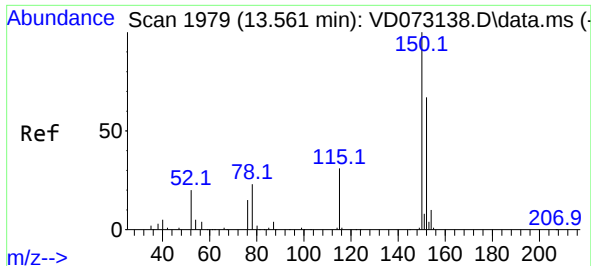
Tgt Ion:	95	Resp:	255668
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	152.8
176	73.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073264.D
Acq: 22 May 2022 09:27

Tgt Ion:	117	Resp:	573932
Ion	Ratio	Lower	Upper
117	100		
82	52.6	45.3	67.9
119	32.7	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: VD073264.D

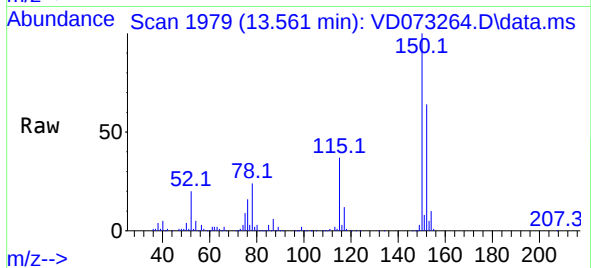
Acq: 22 May 2022 09:27

Instrument :

MSVOA_D

ClientSampleId :

P024-SS007-0006-01



Tgt Ion:152 Resp: 274511

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 157.0 0.0 348.6

