

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073329.D
 Acq On : 24 May 2022 17:17
 Operator : VA/SY
 Sample : N2949-16
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-1218-01

Quant Time: May 25 05:27:53 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)

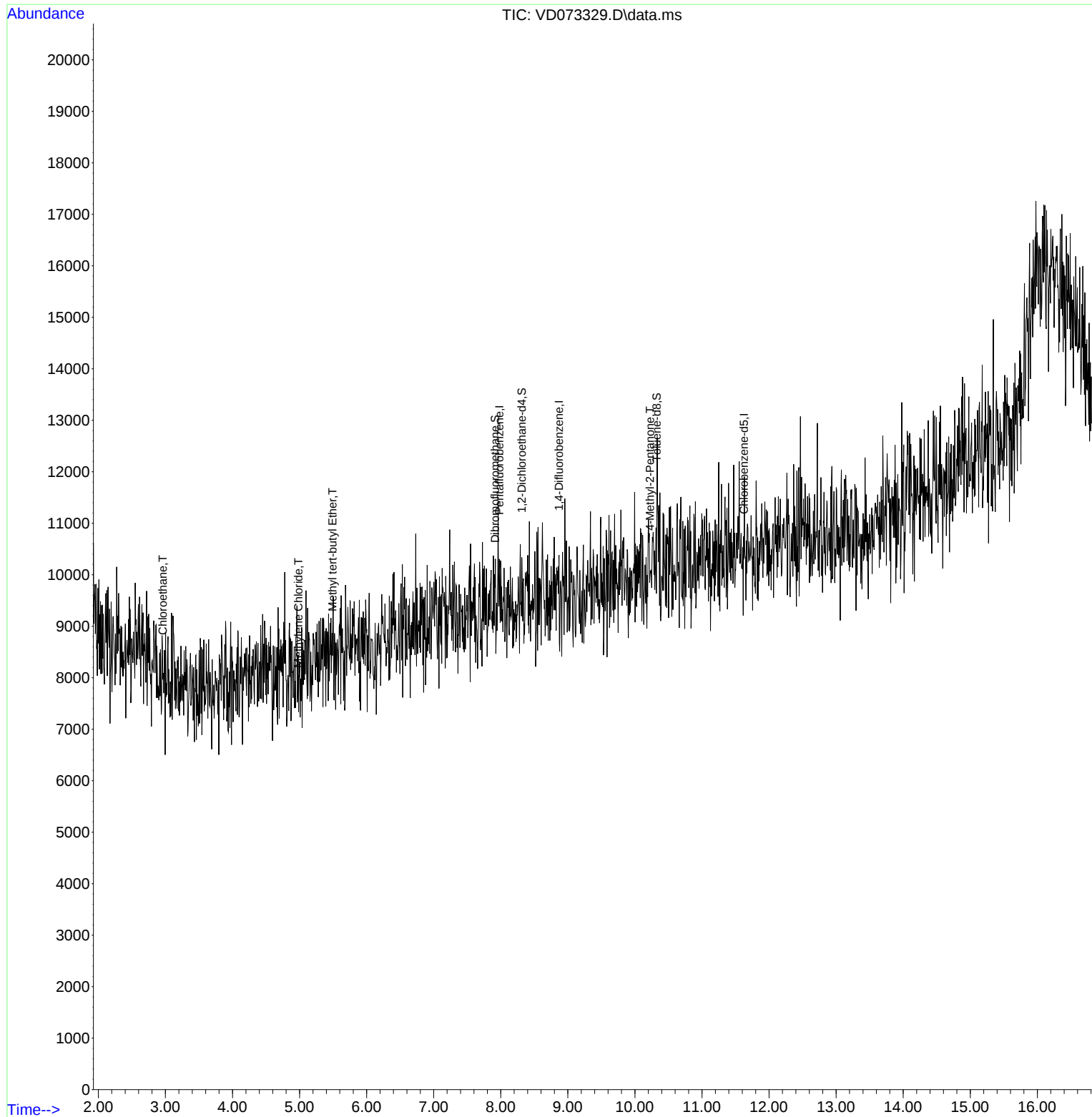
Internal Standards						
1) Pentafluorobenzene	7.979	168	605	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	746	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.626	117	698	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	62	9.273	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.540%#
35) Dibromofluoromethane	7.914	113	240	48.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.500%
50) Toluene-d8	10.326	98	912	50.259	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.520%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.962	64	53	13.793	ug/l	# 42
19) Methyl tert-butyl Ether	5.491	73	64	4.620	ug/l	# 53
20) Methylene Chloride	4.985	84	75	6.757	ug/l	# 2
51) 4-Methyl-2-Pentanone	10.226	43	53	18.879	ug/l	# 39

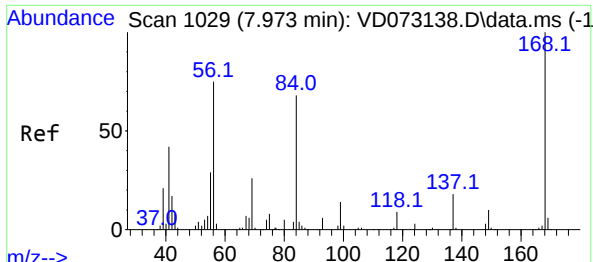
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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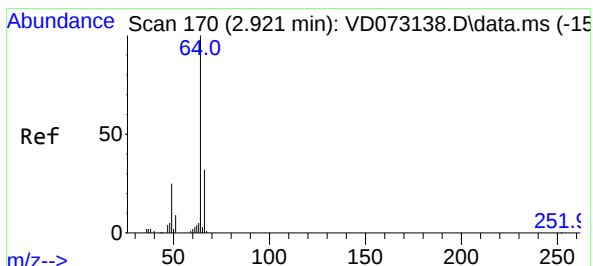
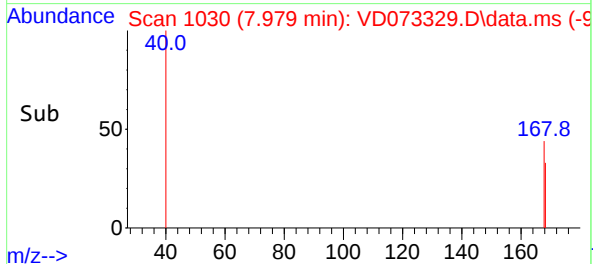
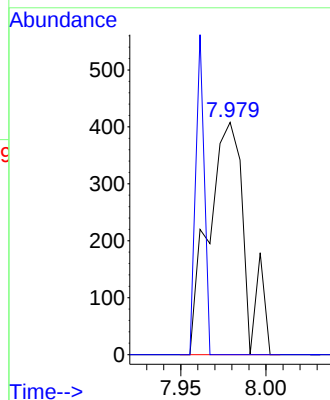
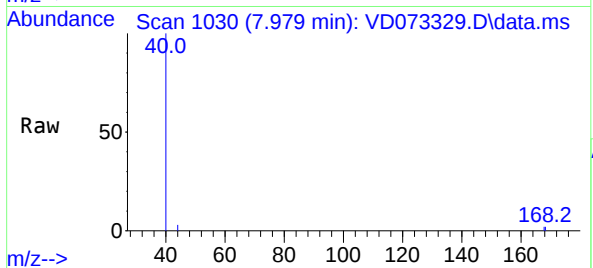




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

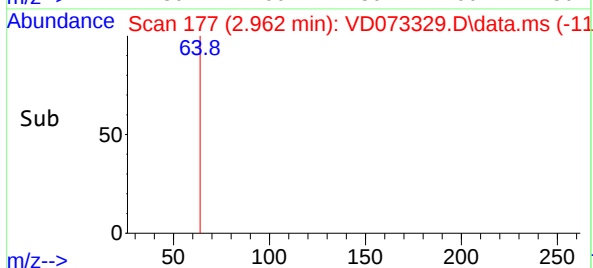
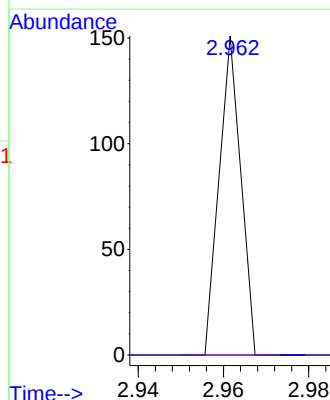
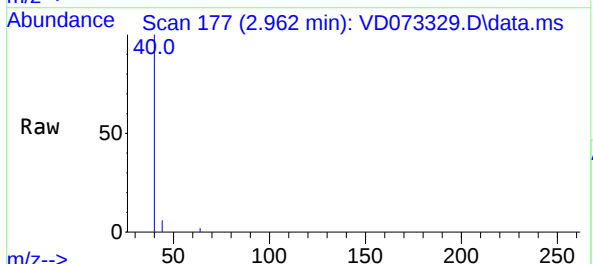
Instrument : MSVOA_D
ClientSampleId : P044-SS001-1218-01

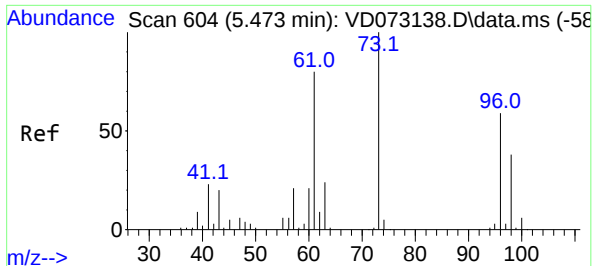
Tgt Ion:168 Resp: 605
Ion Ratio Lower Upper
168 100
99 0.0 49.8 74.6#



#6
Chloroethane
Concen: 13.793 ug/l
RT: 2.962 min Scan# 177
Delta R.T. 0.041 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#19

Methyl tert-butyl Ether

Concen: 4.620 ug/l

RT: 5.491 min Scan# 604

Delta R.T. 0.018 min

Lab File: VD073329.D

Acq: 24 May 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

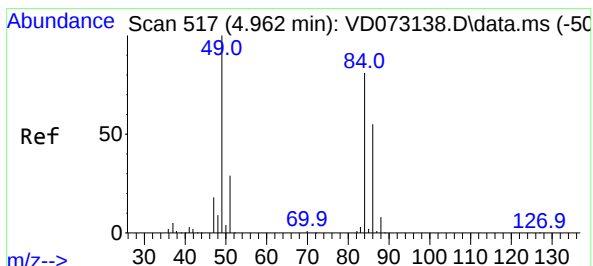
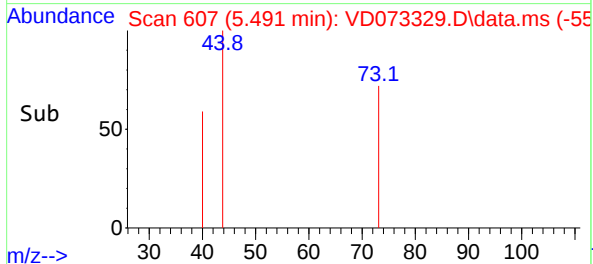
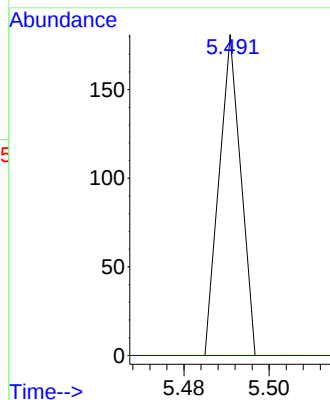
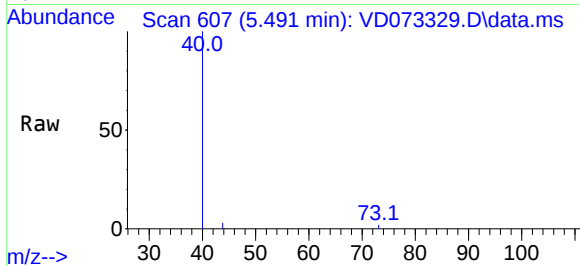
P044-SS001-1218-01

Tgt Ion: 73 Resp: 64

Ion Ratio Lower Upper

73 100

57 0.0 18.0 27.0#



#20

Methylene Chloride

Concen: 6.757 ug/l

RT: 4.985 min Scan# 521

Delta R.T. 0.023 min

Lab File: VD073329.D

Acq: 24 May 2022 17:17

Tgt Ion: 84 Resp: 75

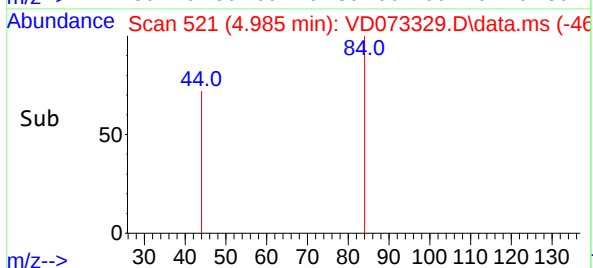
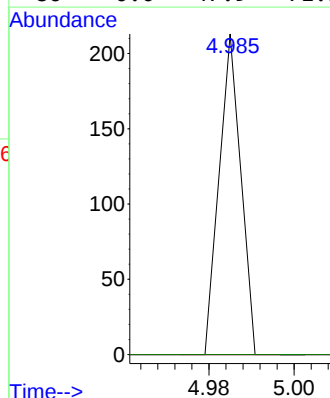
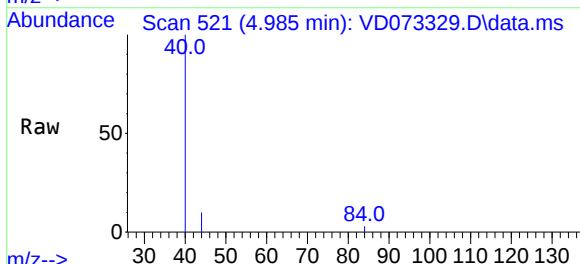
Ion Ratio Lower Upper

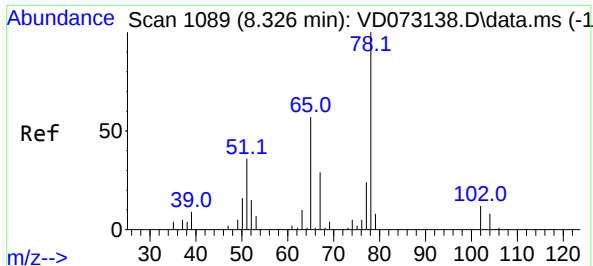
84 100

49 0.0 112.8 169.2#

51 0.0 32.6 48.8#

86 0.0 47.9 71.9#

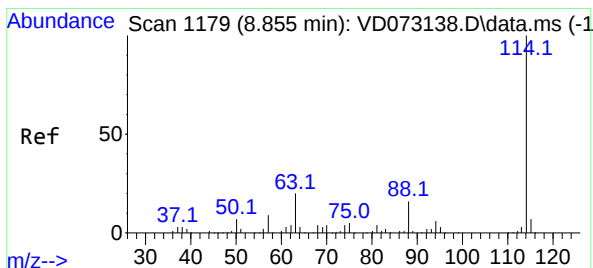
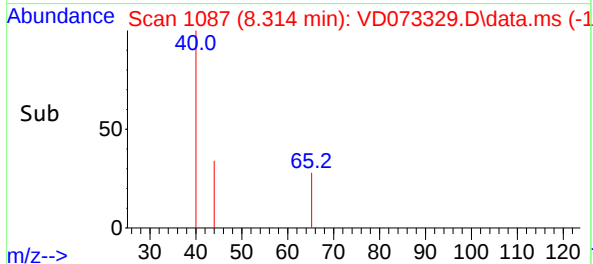
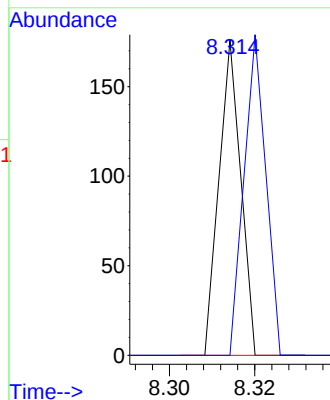
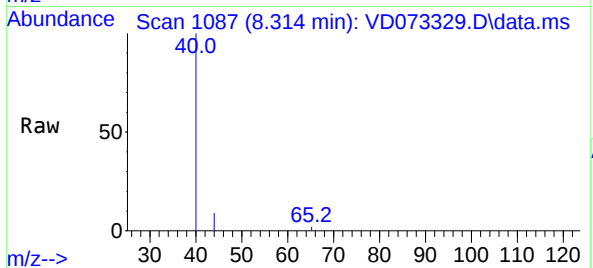




#33
1,2-Dichloroethane-d4
Concen: 9.273 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

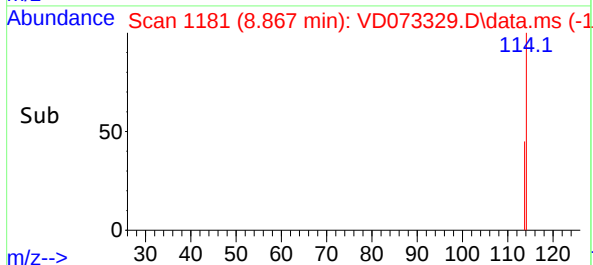
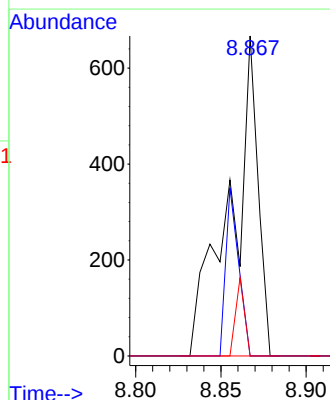
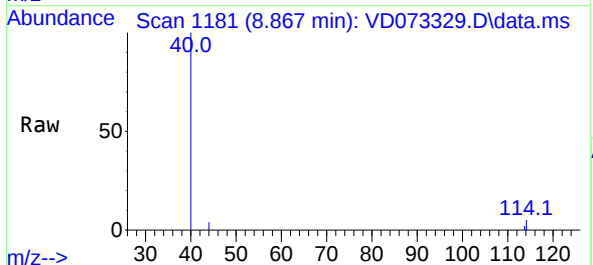
Instrument : MSVOA_D
ClientSampleId : P044-SS001-1218-01

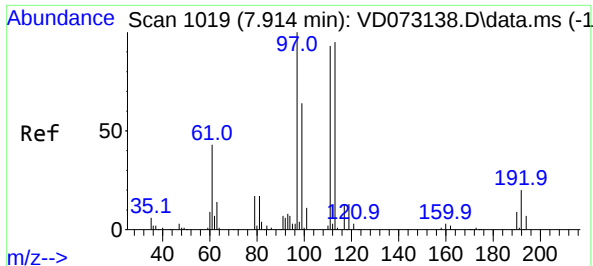
Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
67 101.6 0.0 101.4#



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.012 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

Tgt Ion: 114 Resp: 746
Ion Ratio Lower Upper
114 100
63 0.0 0.0 46.6
88 0.0 0.0 33.2

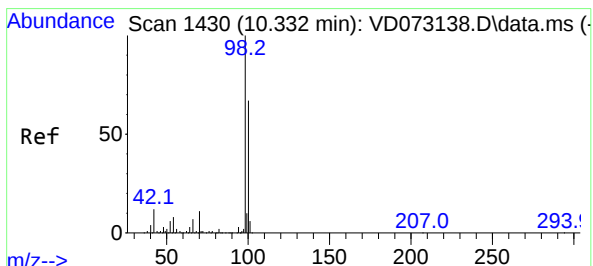
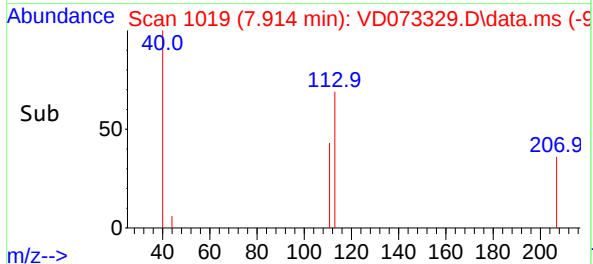
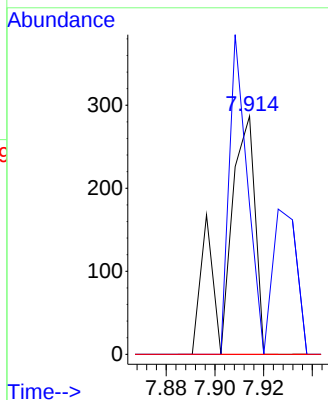
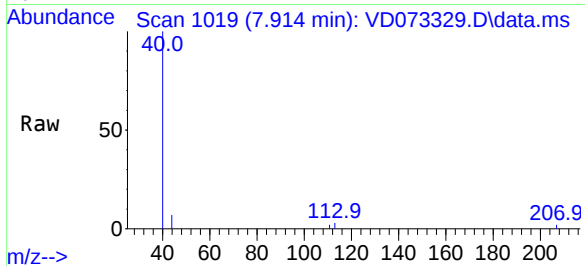




#35
Dibromofluoromethane
Concen: 48.755 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

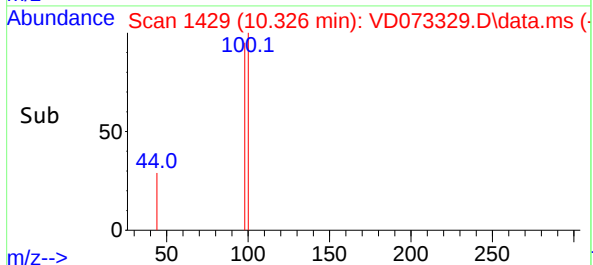
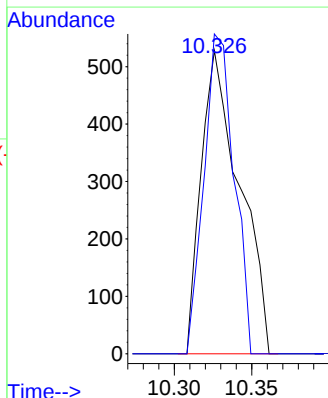
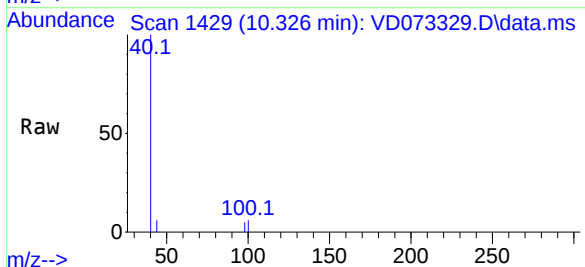
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

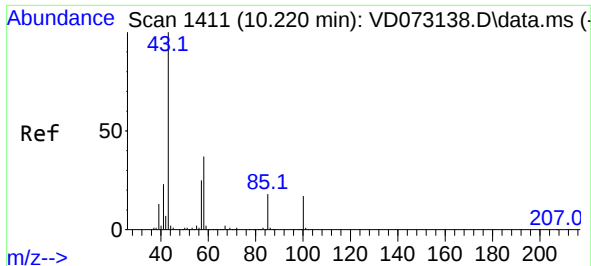
Tgt Ion:113 Resp: 240
Ion Ratio Lower Upper
113 100
111 82.9 83.8 125.6#
192 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.259 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

Tgt Ion: 98 Resp: 912
Ion Ratio Lower Upper
98 100
100 82.1 52.4 78.6#

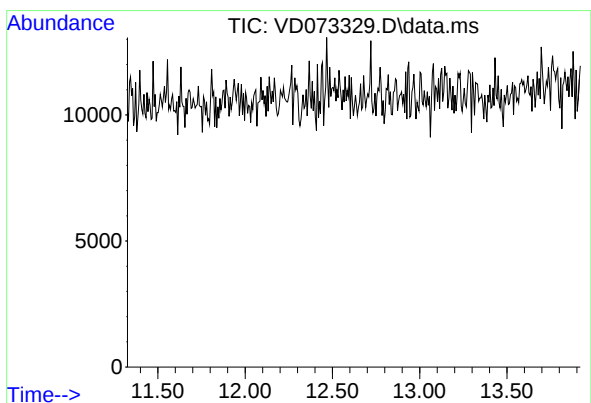
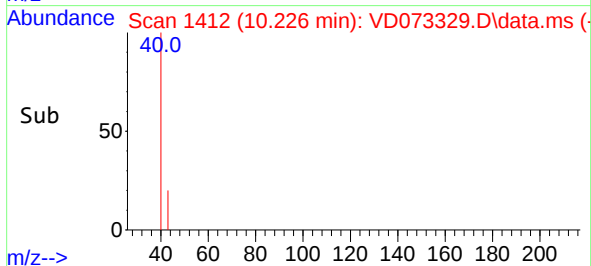
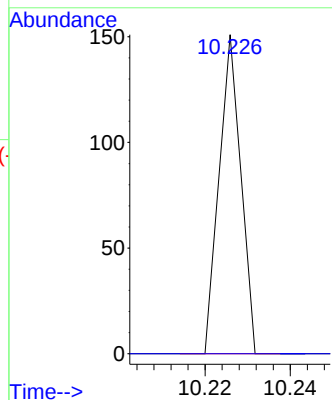
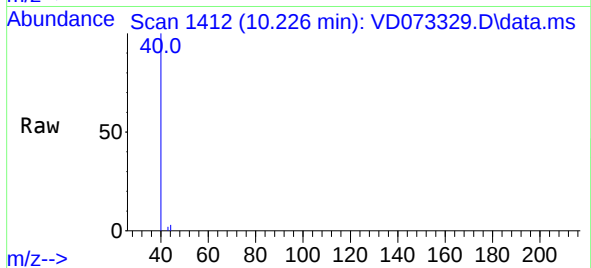




#51
4-Methyl-2-Pentanone
Concen: 18.879 ug/l
RT: 10.226 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01

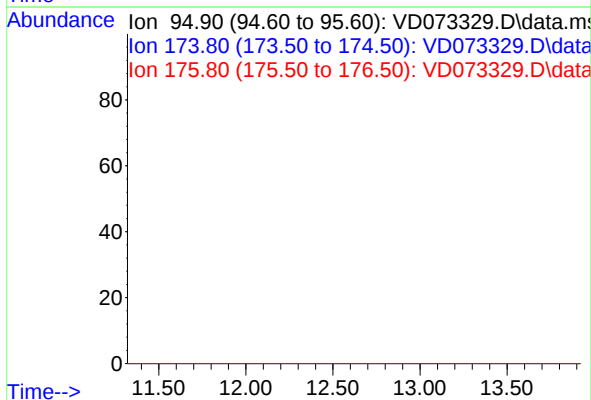
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

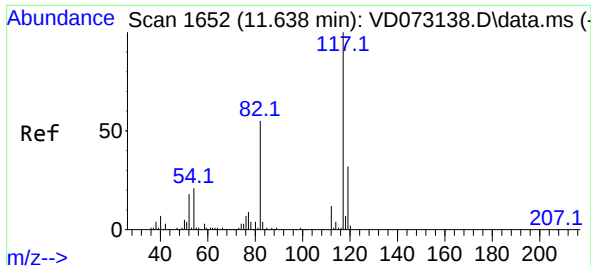


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VD073329.D
Acq: 24 May 2022 17:17

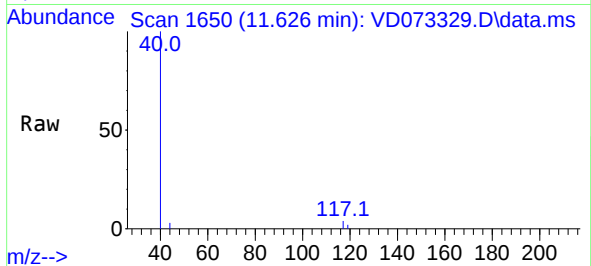
Tgt Ion: 95
Sig Exp Ratio
95 100
174 76.4
176 72.7



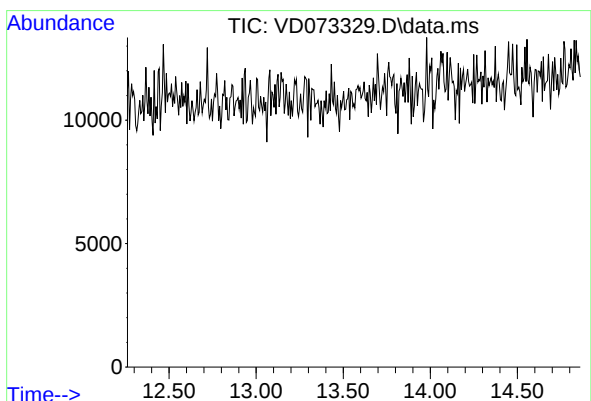
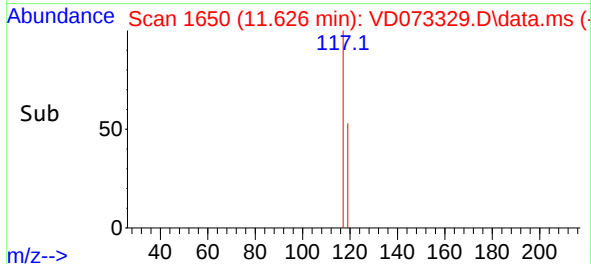
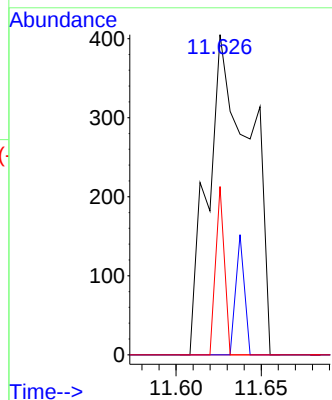


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.626 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD073329.D
Acq: 24 May 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-1218-01



Tgt Ion:117 Resp: 698
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 52.6 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min

Lab File: VD073329.D
Acq: 24 May 2022 17:17

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.5
150 174.3

