

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073327.D
 Acq On : 24 May 2022 16:20
 Operator : VA/SY
 Sample : N2949-10
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-2430-01

Quant Time: May 25 05:27:23 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)

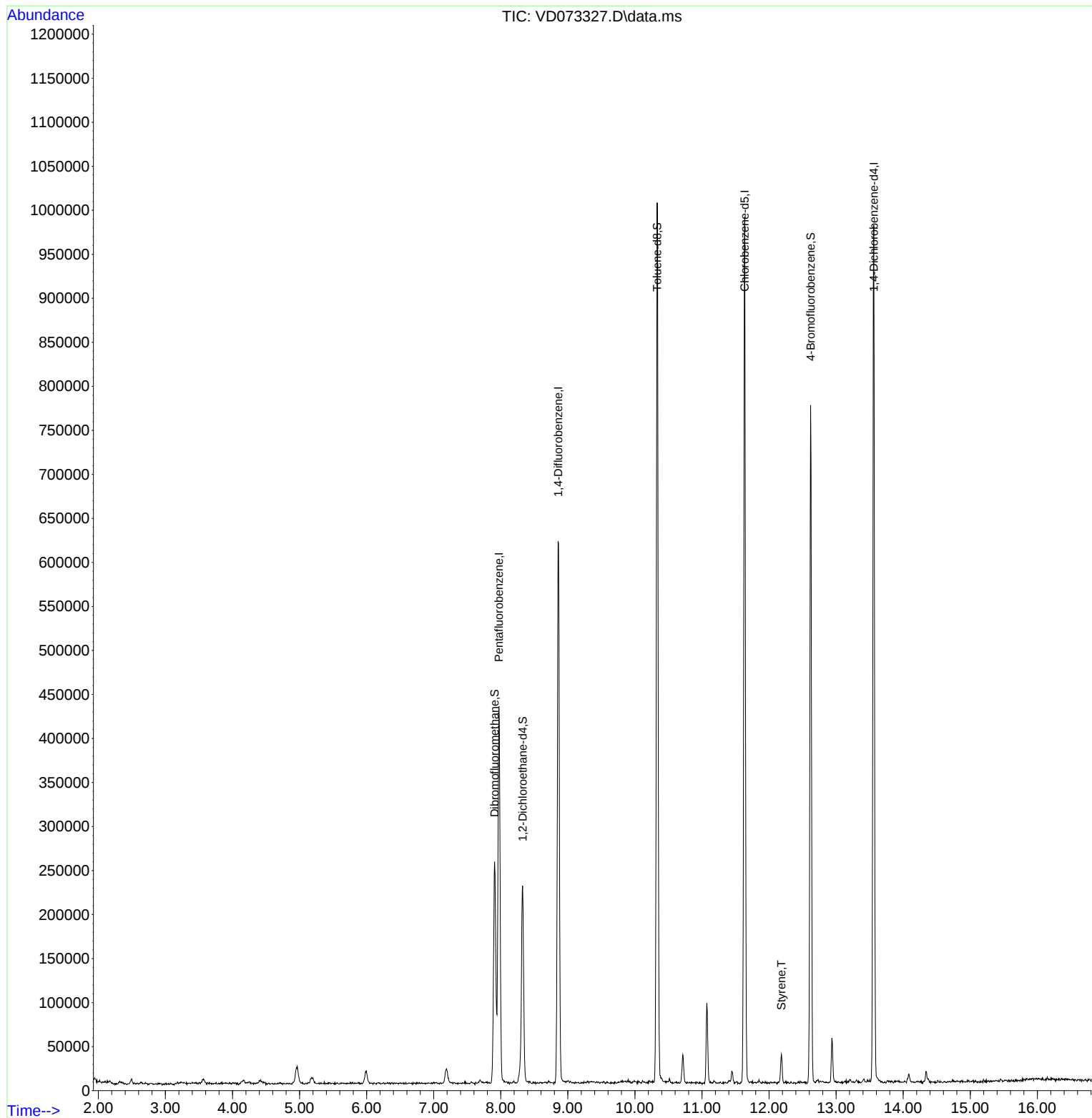
Internal Standards						
1) Pentafluorobenzene	7.973	168	308095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	548999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174990	51.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.908	113	186052	51.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.720%	
50) Toluene-d8	10.332	98	671363	50.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.620	95	257302	54.903	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.800%	
Target Compounds						
70) Styrene	12.185	104	16514	1.306	ug/l	Qvalue # 85

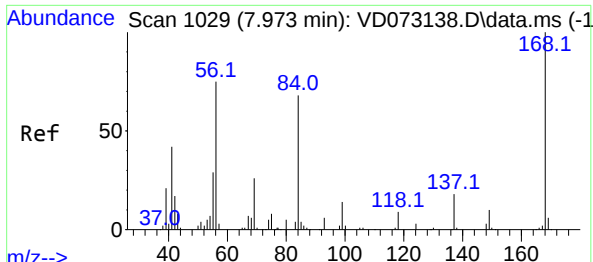
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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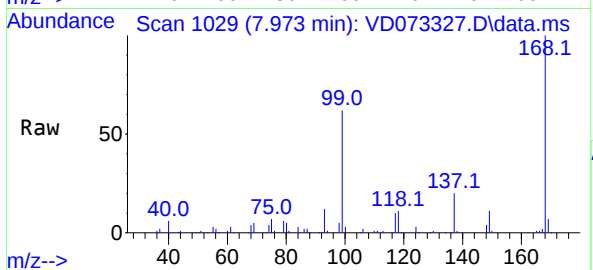
Quant Time: May 25 05:27:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



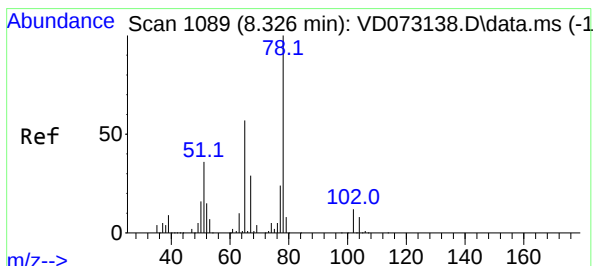
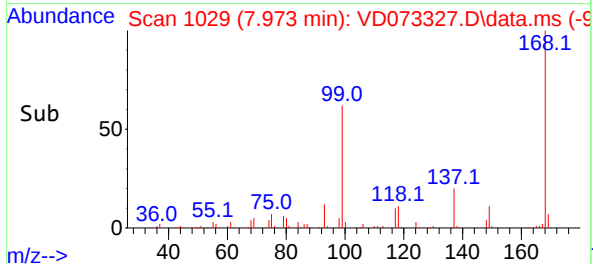
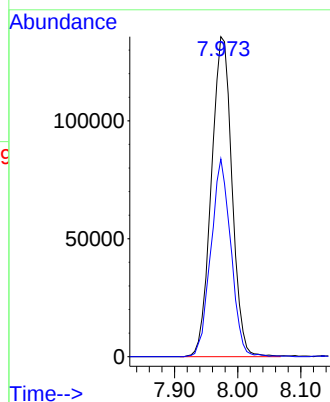


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

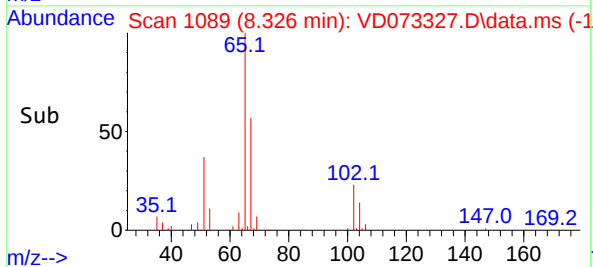
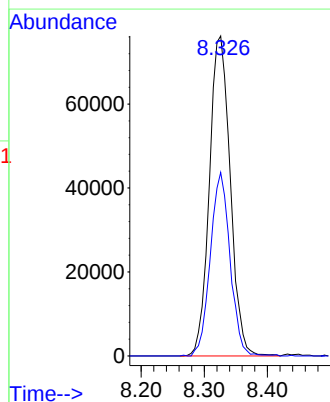
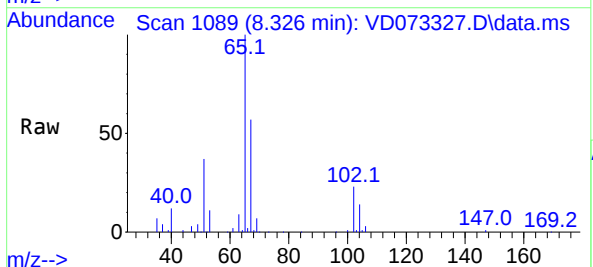


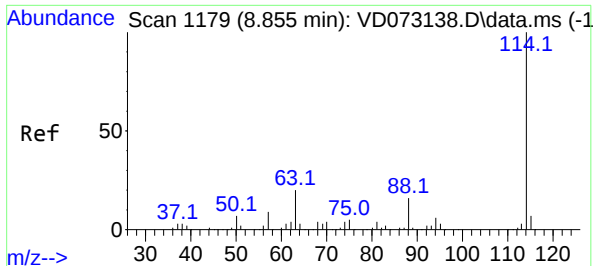
Tgt Ion:168 Resp: 308095
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Tgt Ion: 65 Resp: 174990
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.4

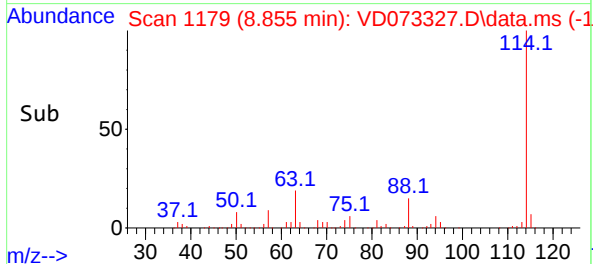
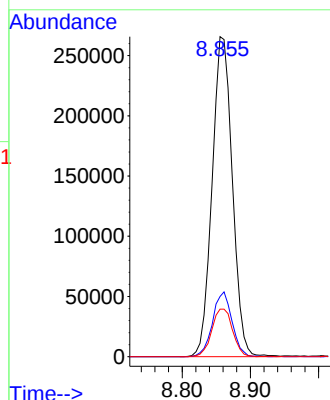
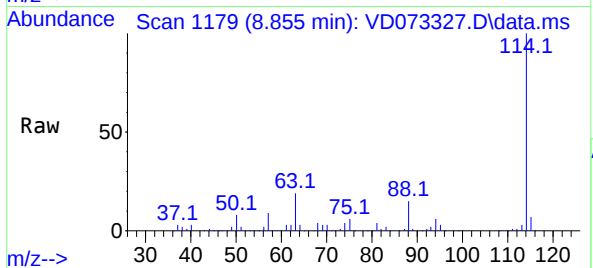




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

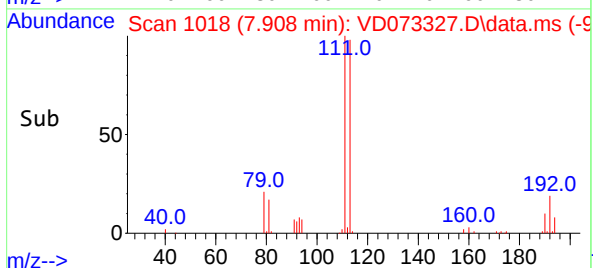
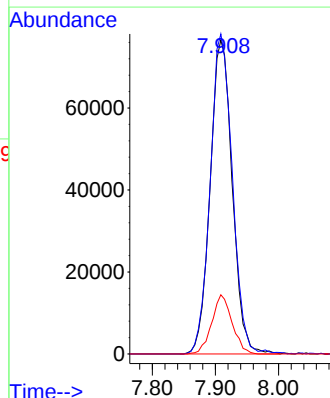
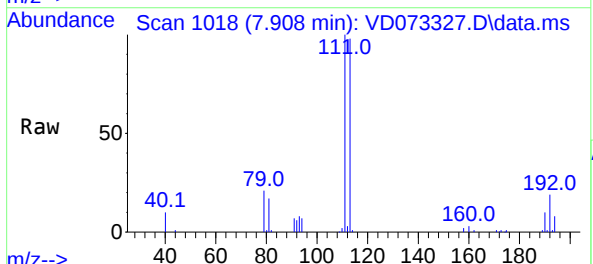
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:114 Resp: 548999
Ion Ratio Lower Upper
114 100
63 18.8 0.0 46.6
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.358 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Tgt Ion:113 Resp: 186052
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.4 14.6 21.8

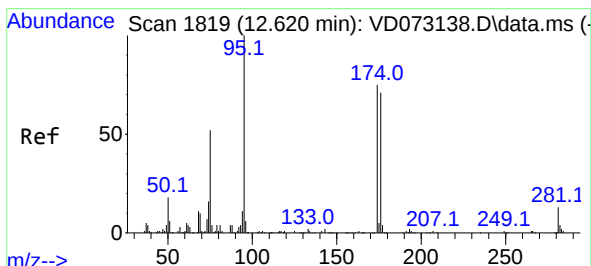
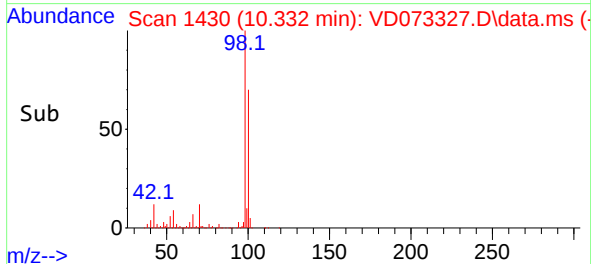
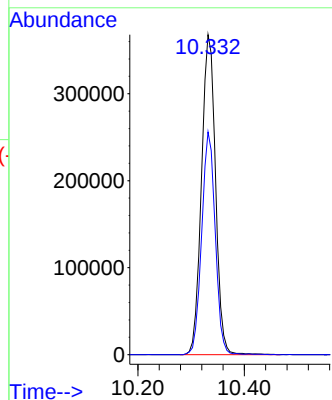
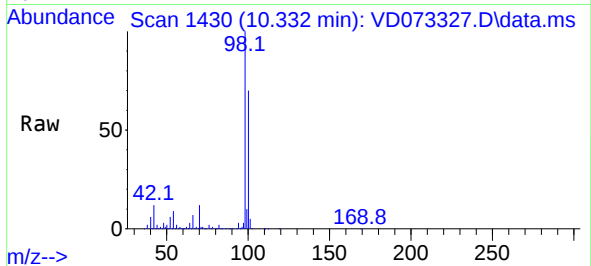




#50
Toluene-d8
Concen: 50.274 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

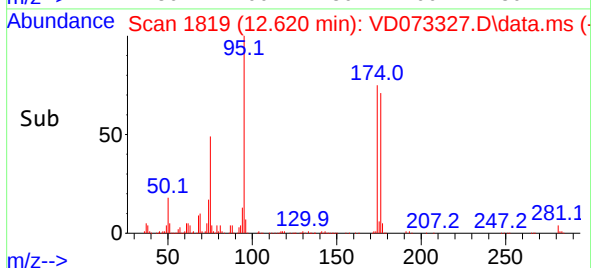
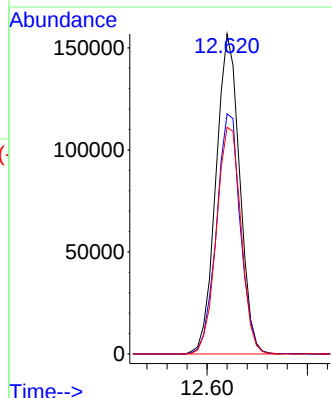
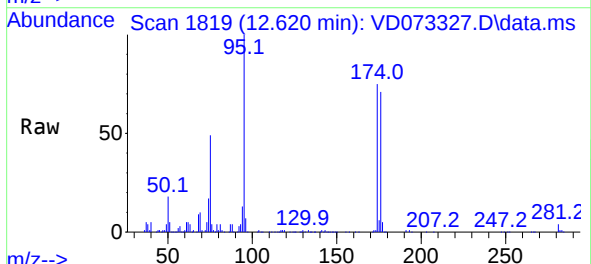
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

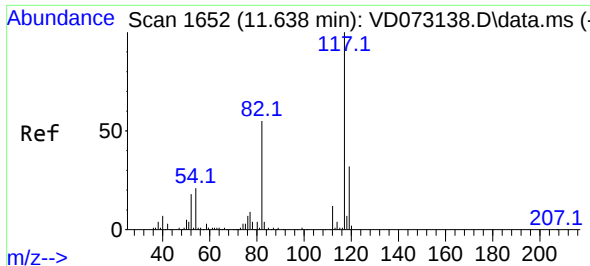
Tgt Ion: 98 Resp: 671363
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.903 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

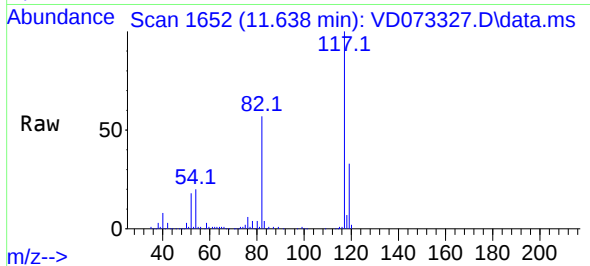
Tgt Ion: 95 Resp: 257302
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 73.2 0.0 145.4





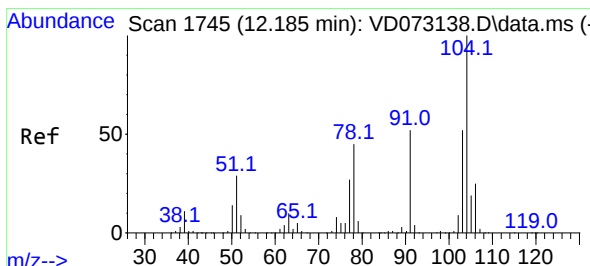
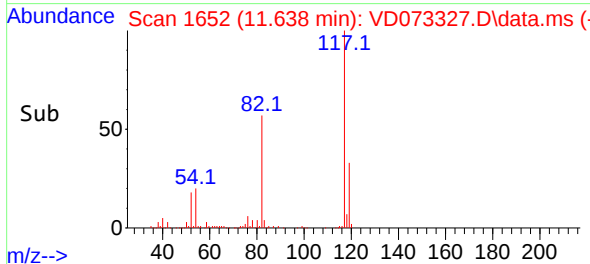
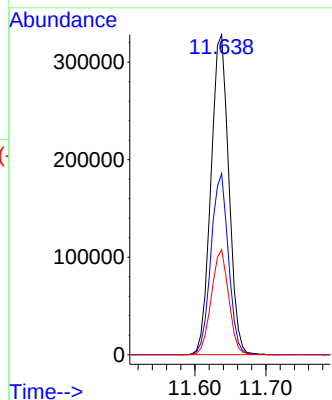
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01



Tgt Ion:117 Resp: 571723

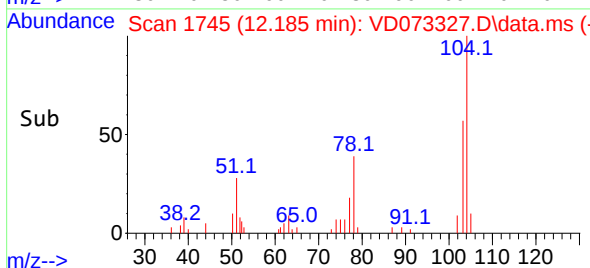
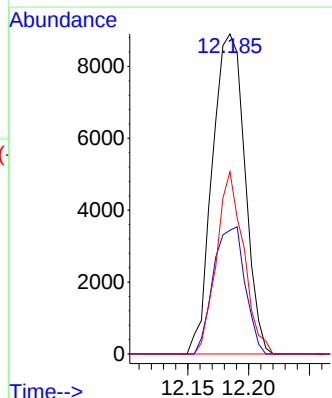
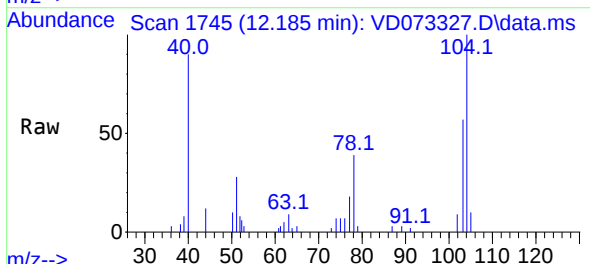
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	32.8	26.6	40.0

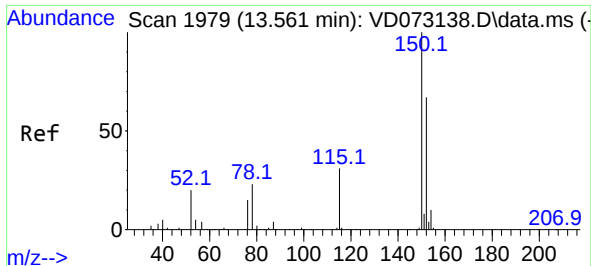


#70
Styrene
Concen: 1.306 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073327.D
Acq: 24 May 2022 16:20

Tgt Ion:104 Resp: 16514

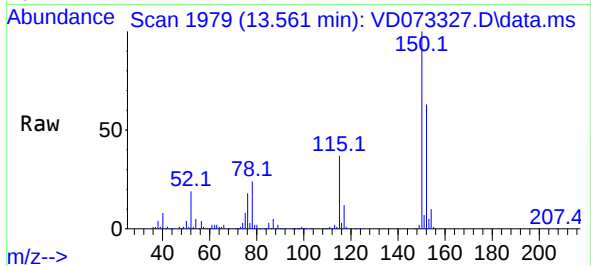
Ion	Ratio	Lower	Upper
104	100		
78	38.7	41.8	62.8#
103	47.7	44.2	66.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073327.D
 Acq: 24 May 2022 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-2430-01



Tgt Ion:152 Resp: 258717
 Ion Ratio Lower Upper
 152 100
 115 59.5 31.3 93.8
 150 158.9 0.0 348.6

