

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073129.D
 Acq On : 19 May 2022 07:05
 Operator : VA/SY
 Sample : N2842-04
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-0612-01

Quant Time: May 19 08:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

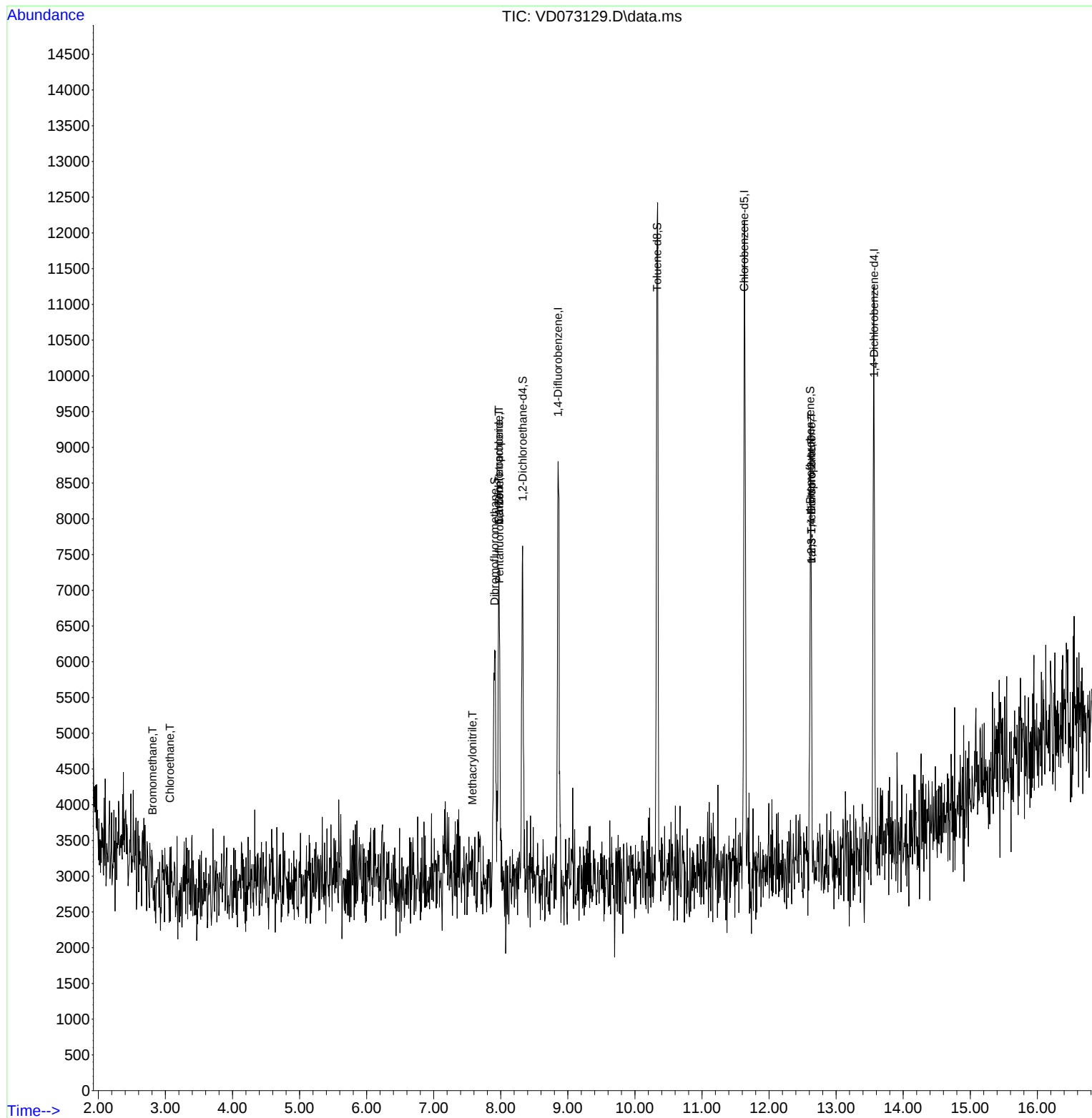
Internal Standards						
1) Pentafluorobenzene	7.979	168	4737	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	6015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	5801	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	1834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3514	59.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.640%	
35) Dibromofluoromethane	7.908	113	3119	73.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.700%#	
50) Toluene-d8	10.332	98	7078	46.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.400%	
62) 4-Bromofluorobenzene	12.614	95	2436	43.898	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.809	94	58	1.454	ug/l	# 1
6) Chloroethane	3.067	64	74	2.116	ug/l	# 42
36) 1,1-Dichloropropene	7.973	75	226	3.284	ug/l	# 43
38) Carbon Tetrachloride	7.973	117	172	2.443	ug/l	# 13
41) Methacrylonitrile	7.579	41	57	3.498	ug/l	# 27
76) 1,2,3-Trichloropropane	12.632	75	1324	63.862	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	1324	153.127	ug/l	# 7

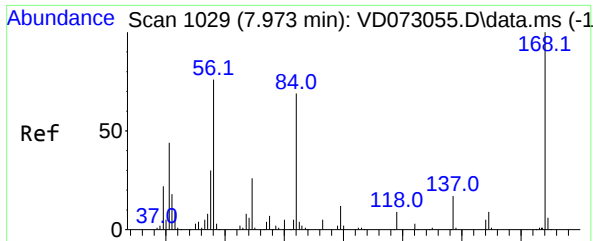
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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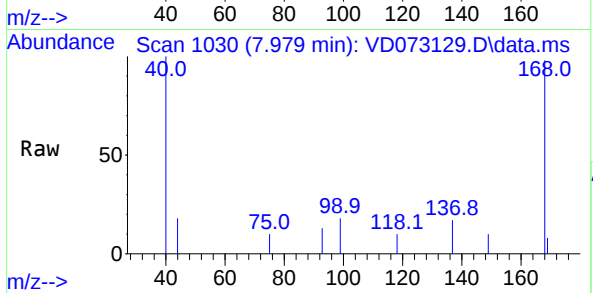
Quant Time: May 19 08:40:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
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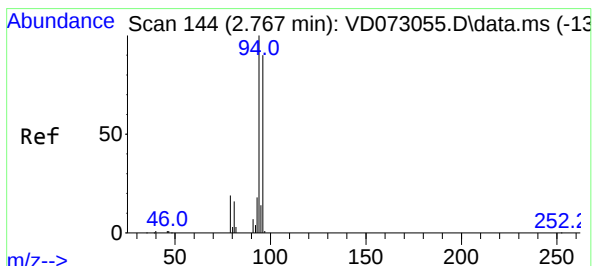
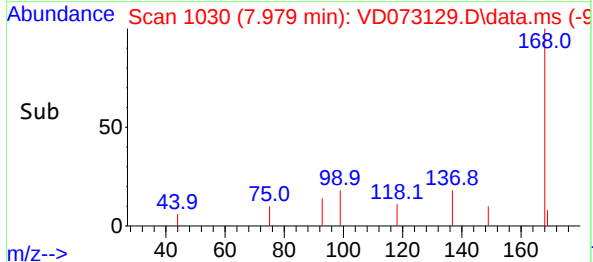
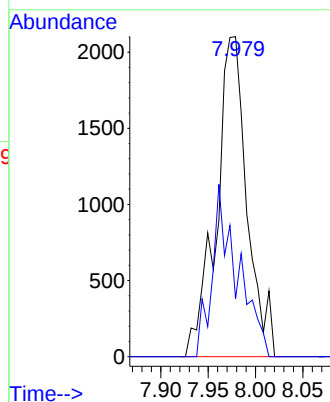


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0612-01

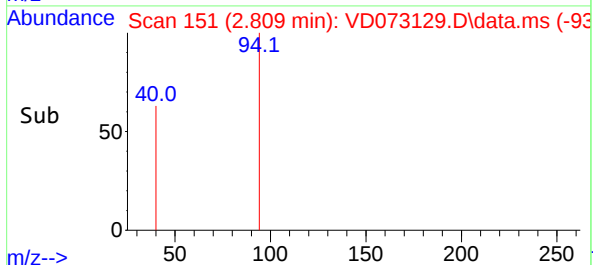
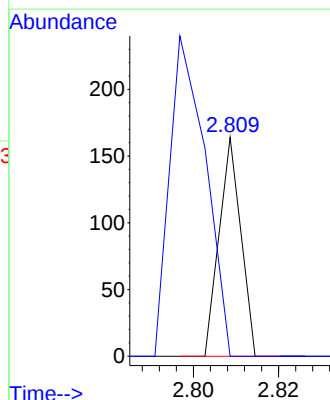
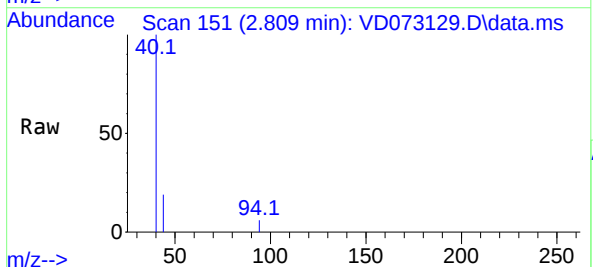


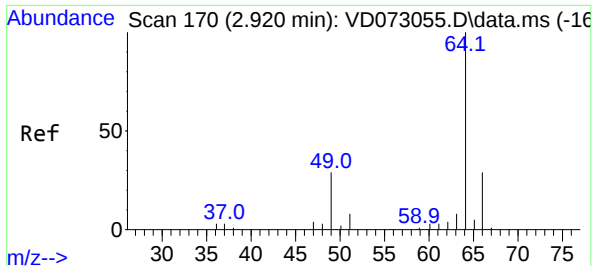
Tgt Ion:168 Resp: 4737
Ion Ratio Lower Upper
168 100
99 18.1 49.8 74.6#



#5
Bromomethane
Concen: 1.454 ug/l
RT: 2.809 min Scan# 151
Delta R.T. 0.041 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

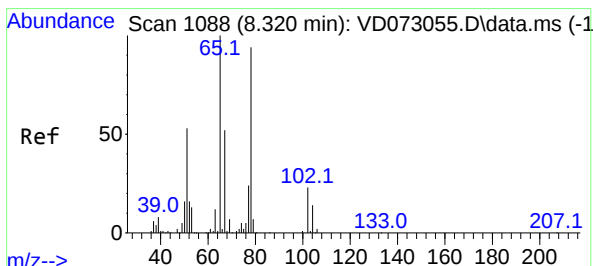
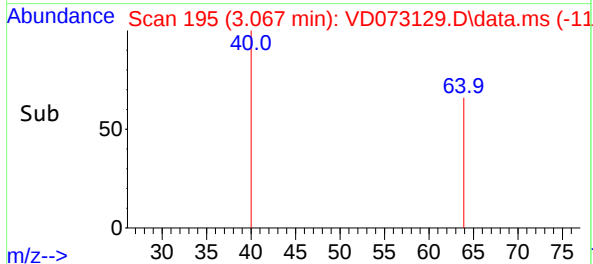
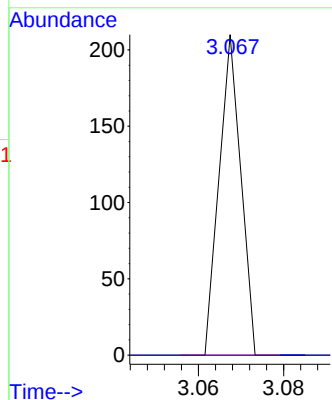
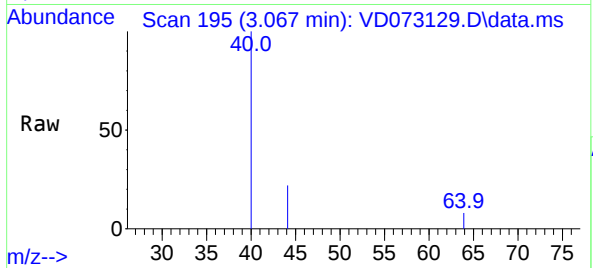




#6
Chloroethane
Concen: 2.116 ug/l
RT: 3.067 min Scan# 11
Delta R.T. 0.147 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

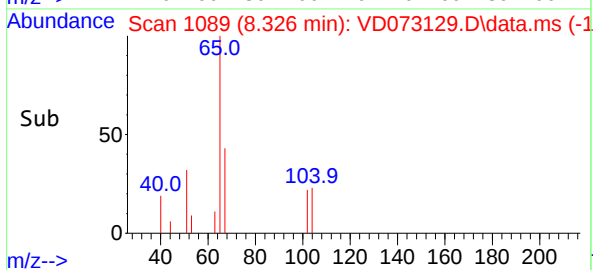
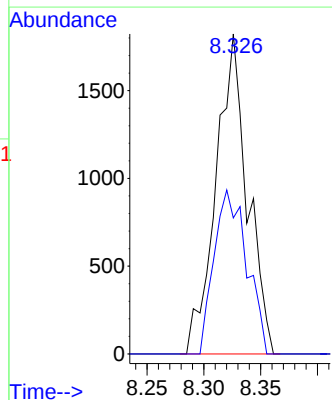
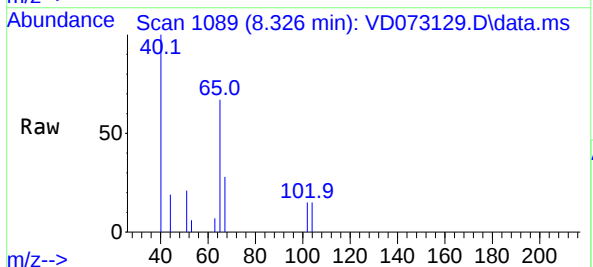
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0612-01

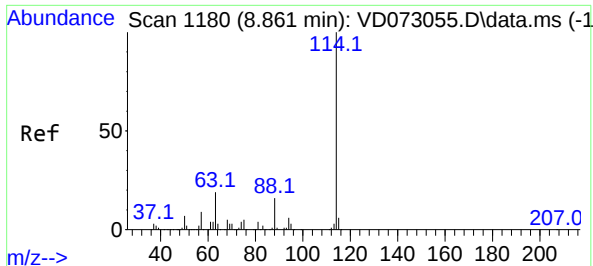
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#33
1,2-Dichloroethane-d4
Concen: 59.318 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Tgt Ion: 65 Resp: 3514
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4

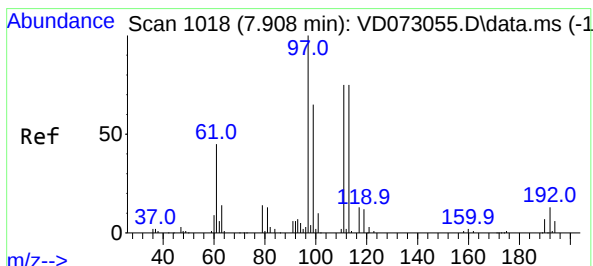
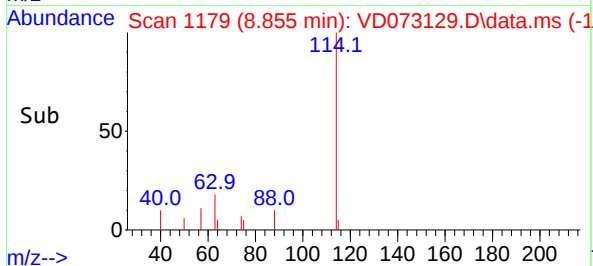
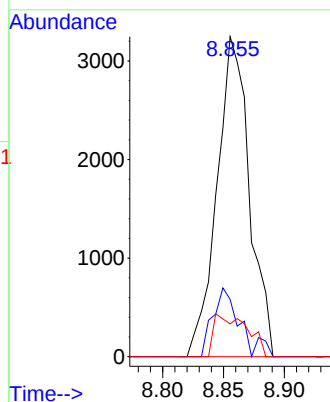
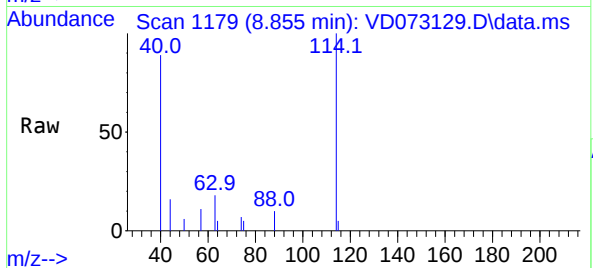




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

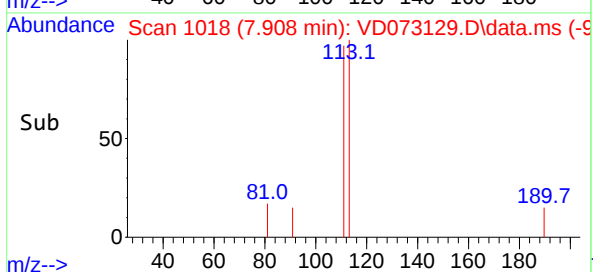
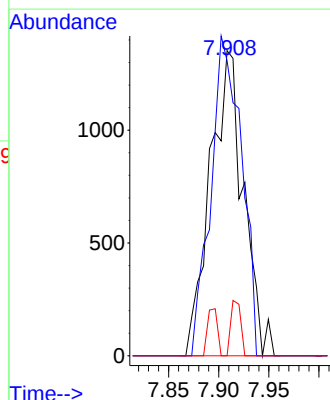
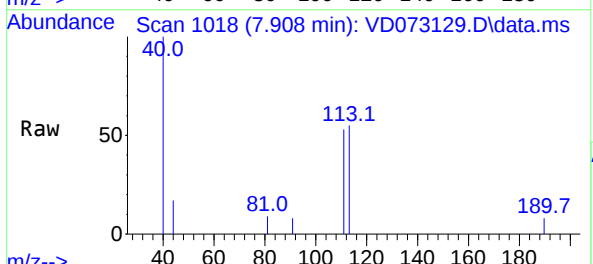
Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0612-01

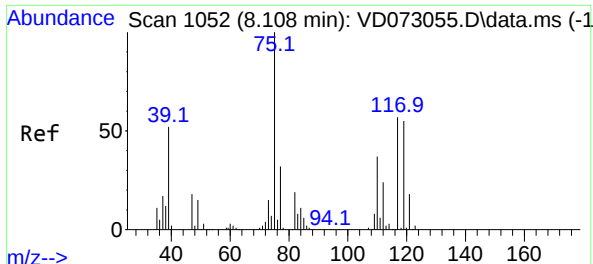
Tgt Ion:	114	Resp:	6015
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	46.6
88	10.3	0.0	33.2



#35
Dibromofluoromethane
Concen: 73.854 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Tgt Ion:	113	Resp:	3119
Ion Ratio	Lower	Upper	
113	100		
111	96.7	83.8	125.6
192	5.4	14.6	21.8

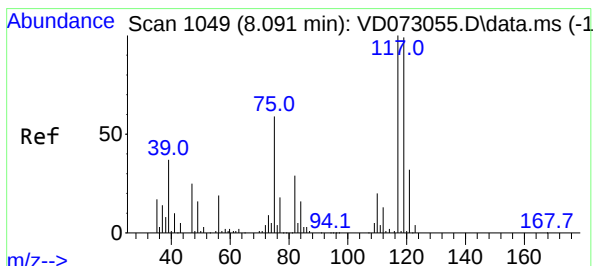
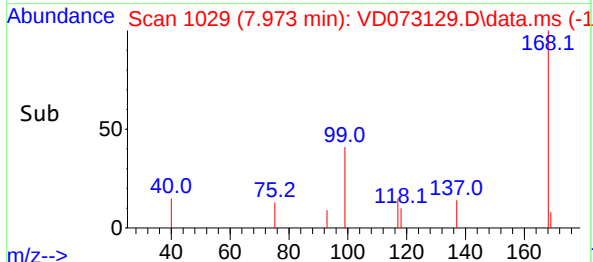
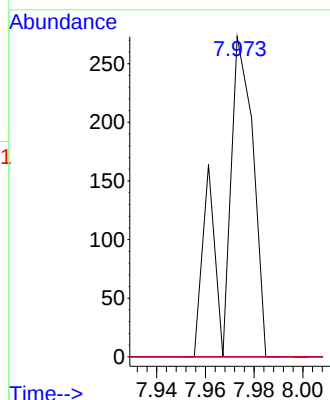
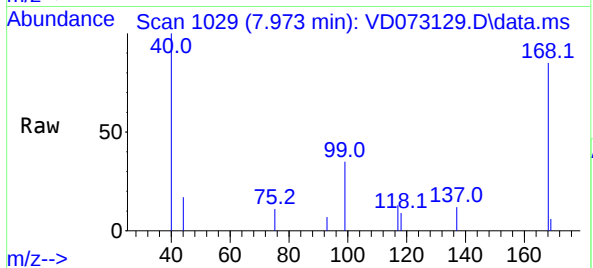




#36
1,1-Dichloropropene
Concen: 3.284 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

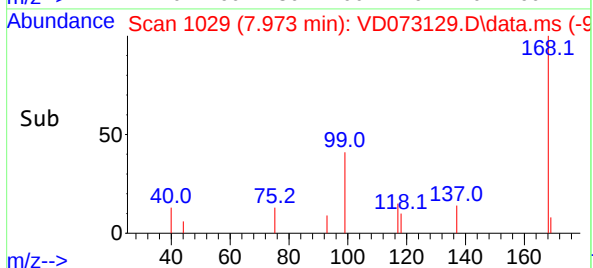
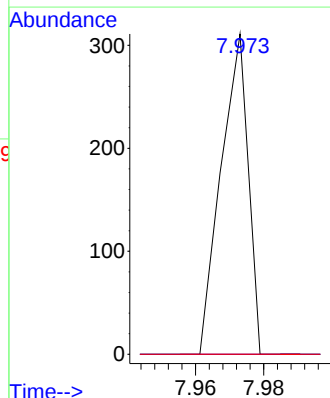
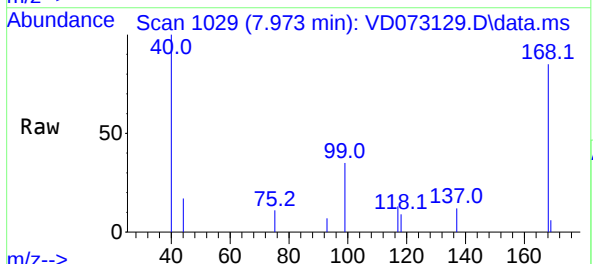
Instrument : MSVOA_D
ClientSampleId : P016-SS001-0612-01

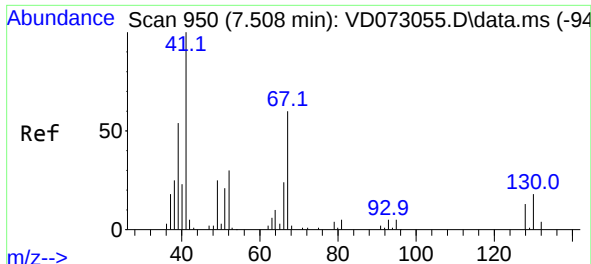
Tgt Ion: 75	Resp: 226
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 0.0	24.2 36.2#



#38
Carbon Tetrachloride
Concen: 2.443 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Tgt Ion: 117	Resp: 172
Ion Ratio	Lower Upper
117 100	
119 0.0	75.8 113.6#
121 0.0	24.5 36.7#

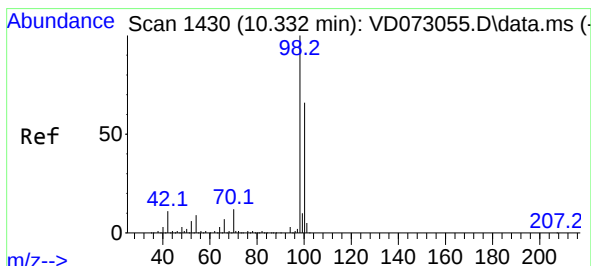
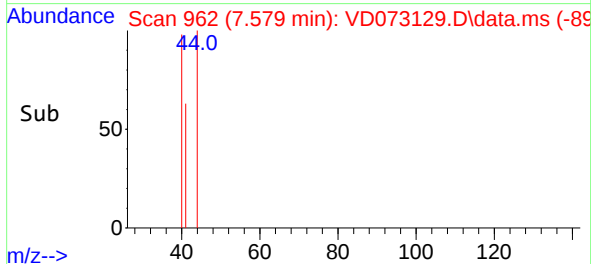
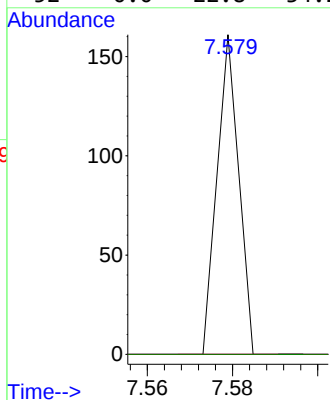
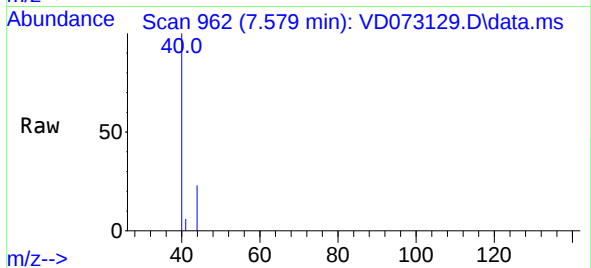




#41
Methacrylonitrile
Concen: 3.498 ug/l
RT: 7.579 min Scan# 90
Delta R.T. 0.071 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

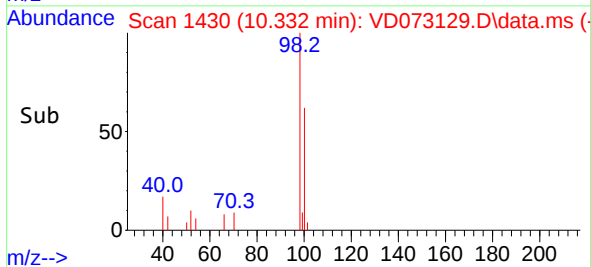
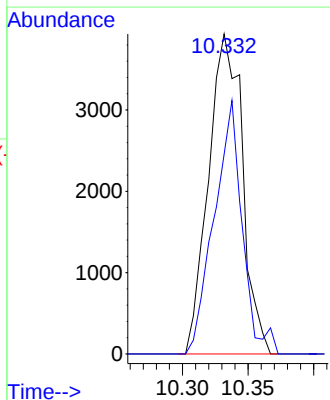
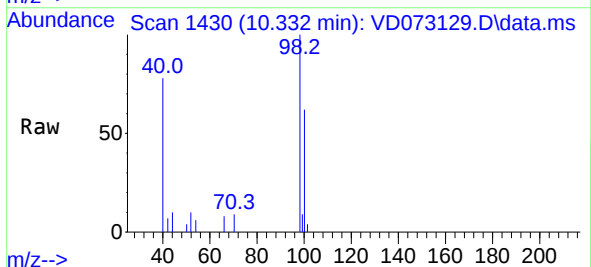
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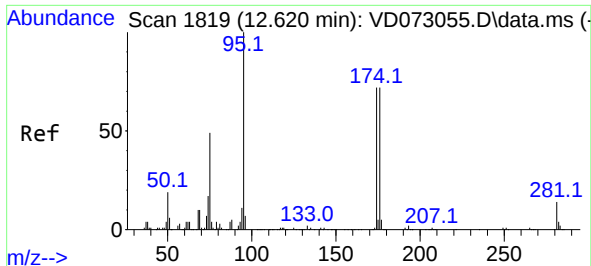
Tgt Ion: 41	Resp: 57
Ion Ratio	Lower Upper
41 100	
39 0.0	44.6 67.0#
67 0.0	48.2 72.4#
52 0.0	22.8 34.2#



#50
Toluene-d8
Concen: 46.198 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Tgt Ion: 98	Resp: 7078		
Ion Ratio	Lower	Upper	
98 100			
100 65.7	52.4	78.6	

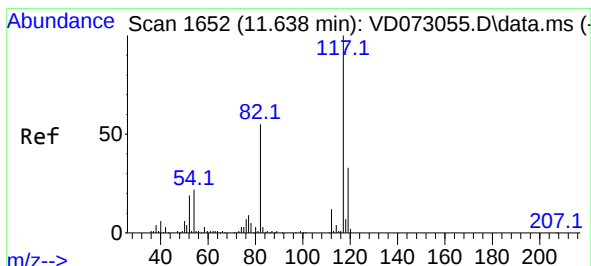
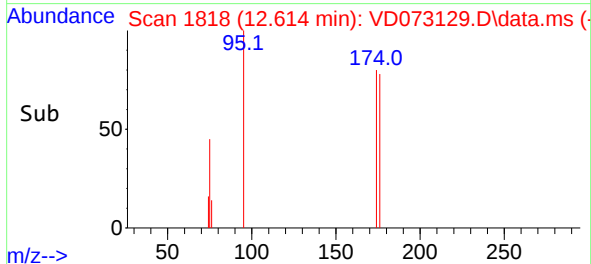
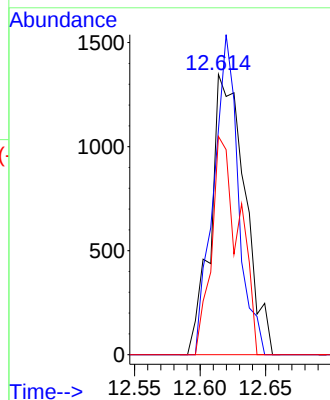
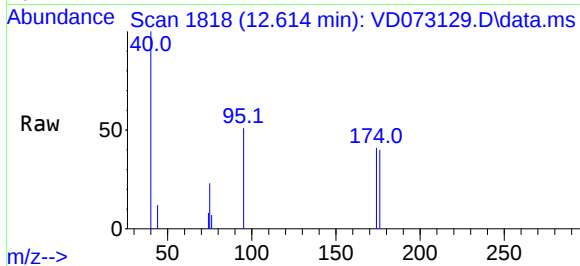




#62
4-Bromofluorobenzene
Concen: 43.898 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

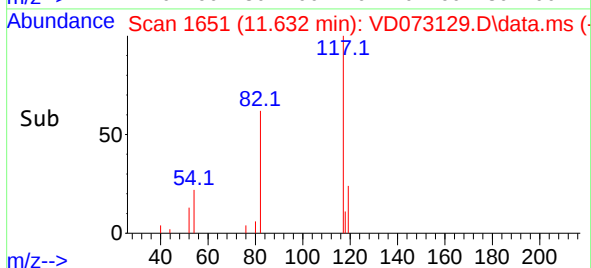
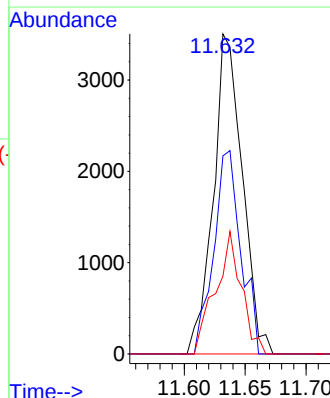
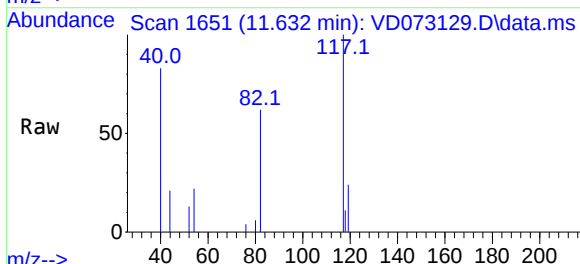
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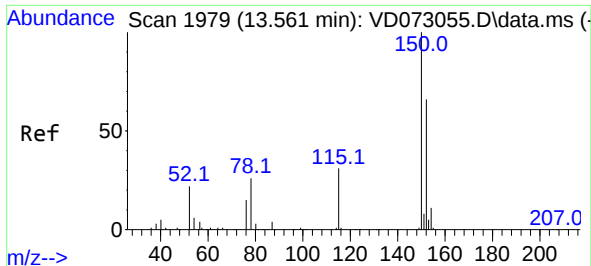
Tgt Ion:	95	Resp:	2436
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	152.8
176	62.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

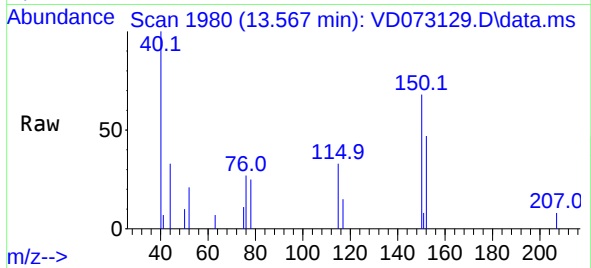
Tgt Ion:	117	Resp:	5801
Ion Ratio	Lower	Upper	
117	100		
82	61.9	45.3	67.9
119	24.3	26.6	40.0#



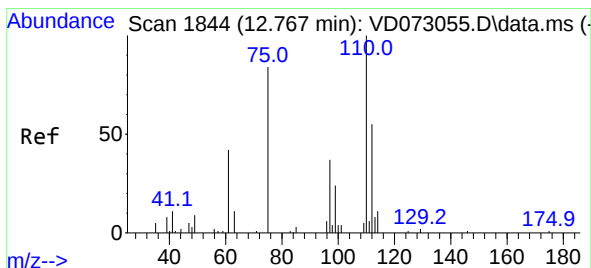
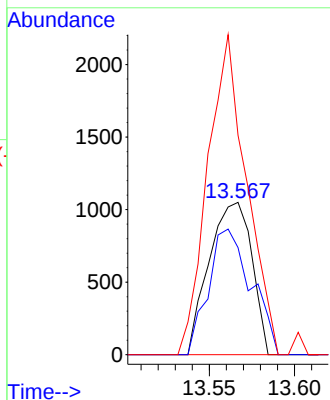
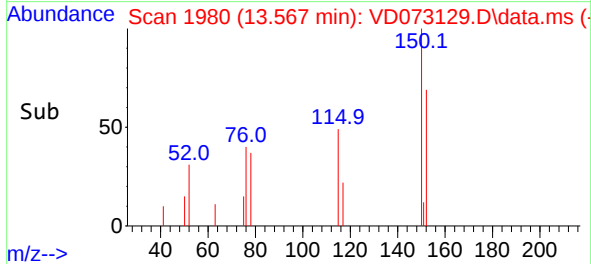


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Instrument :
MSVOA_D
ClientSampleId :
P016-SS001-0612-01

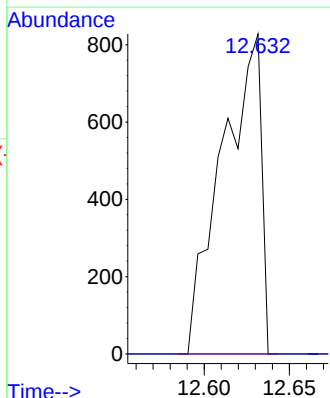
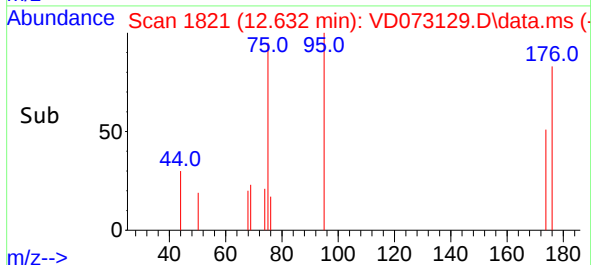
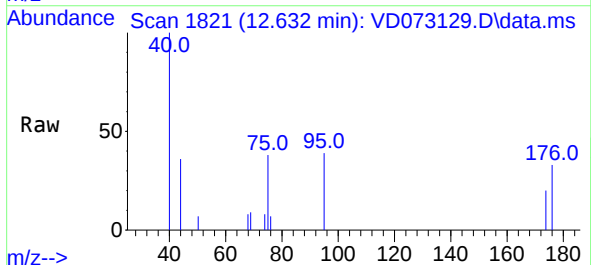


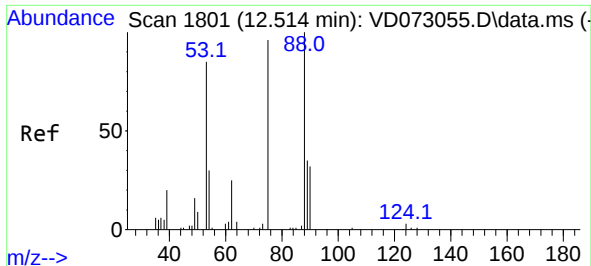
Tgt Ion:152 Resp: 1834
Ion Ratio Lower Upper
152 100
115 82.8 31.3 93.8
150 191.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 63.862 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.135 min
Lab File: VD073129.D
Acq: 19 May 2022 07:05

Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.127 ug/l
 RT: 12.632 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VD073129.D
 Acq: 19 May 2022 07:05

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS001-0612-01

Tgt Ion: 75 Resp: 1324
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

