

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072935.D
 Acq On : 11 May 2022 17:15
 Operator : VA/SY
 Sample : N2749-07
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: May 12 04:14:12 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

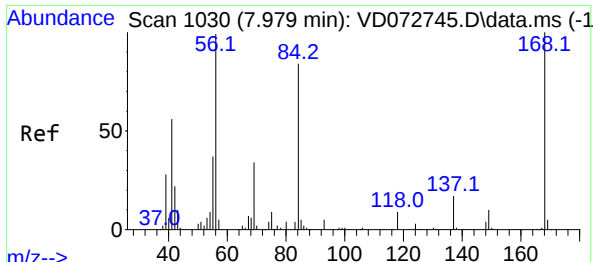
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	376047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203289	41.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.300%
35) Dibromofluoromethane	7.909	113	213060	45.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.160%
50) Toluene-d8	10.332	98	813653	48.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.620	95	285534	45.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1239	Below Cal		90
11) Tert butyl alcohol	5.185	59	8223	19.470 ug/l	#	74
16) Acetone	4.150	43	7054	Below Cal	#	82
18) Methyl Acetate	4.956	43	258	Below Cal	#	55
20) Methylene Chloride	4.962	84	15236	Below Cal		96
25) 2-Butanone	7.179	43	1609	1.131 ug/l	#	52
36) 1,1-Dichloropropene	7.973	75	31655	4.164 ug/l	#	51
38) Carbon Tetrachloride	7.967	117	39848	5.050 ug/l	#	18
76) 1,2,3-Trichloropropane	12.620	75	147587	50.113 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	147587	115.239 ug/l	#	8

(#) = 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# 1

Delta R.T. -0.006 min

Lab File: VD072935.D

Acq: 11 May 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

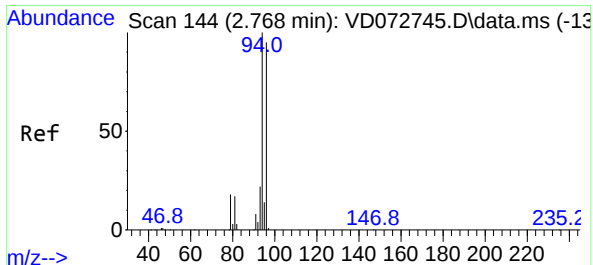
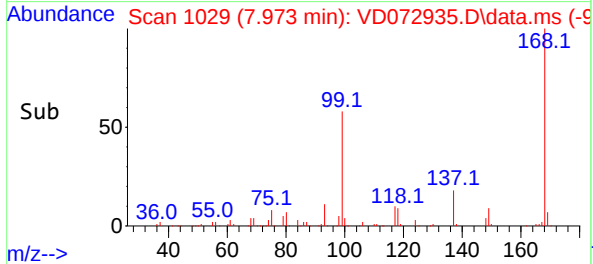
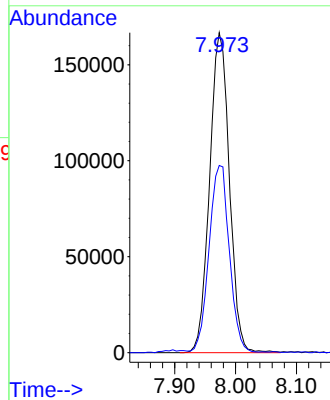
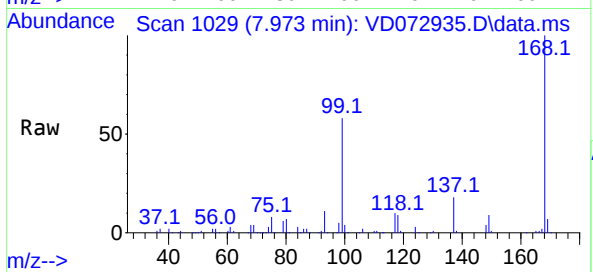
TP-3

Tgt Ion:168 Resp: 376047

Ion Ratio Lower Upper

168 100

99 58.4 49.8 74.6



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.011 min

Lab File: VD072935.D

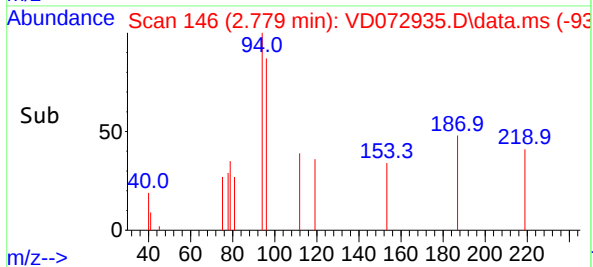
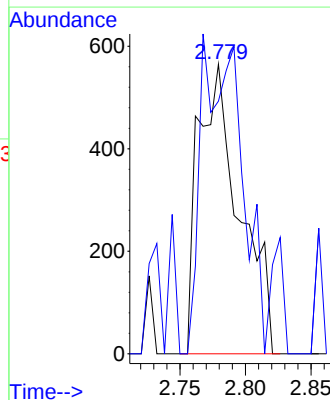
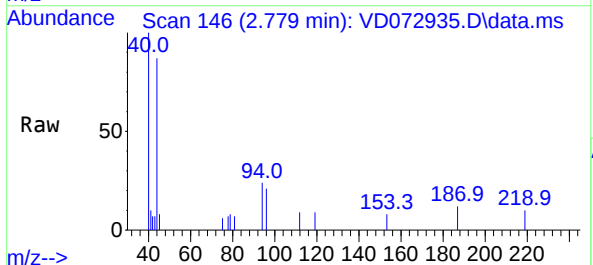
Acq: 11 May 2022 17:15

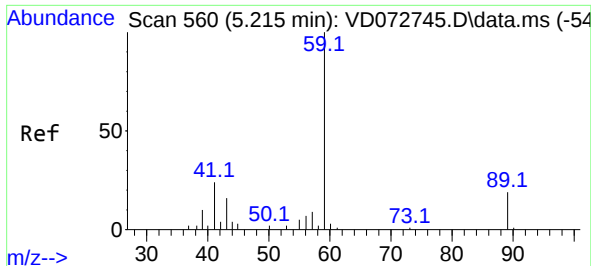
Tgt Ion: 94 Resp: 1239

Ion Ratio Lower Upper

94 100

96 87.3 77.6 116.4

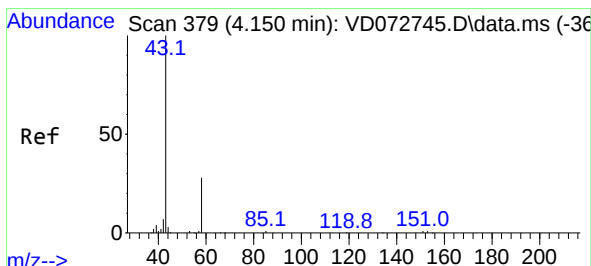
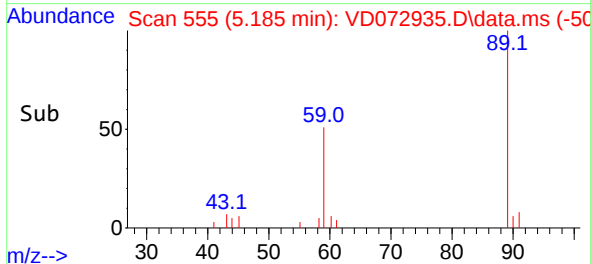
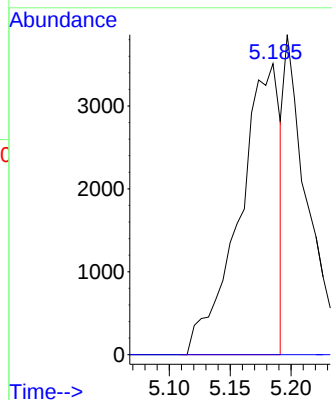
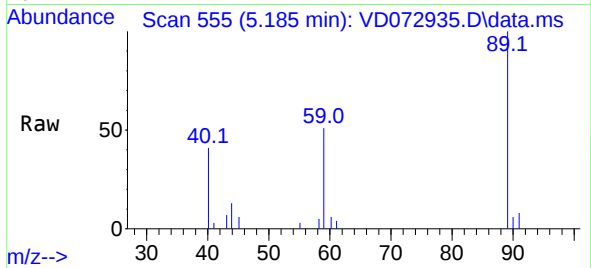




#11
Tert butyl alcohol
Concen: 19.470 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

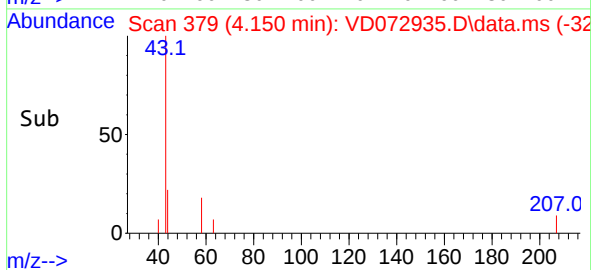
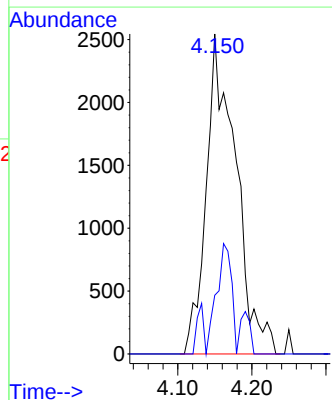
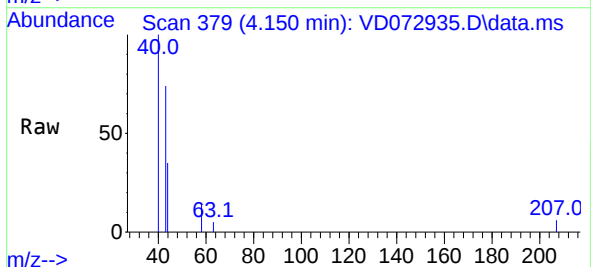
Instrument :
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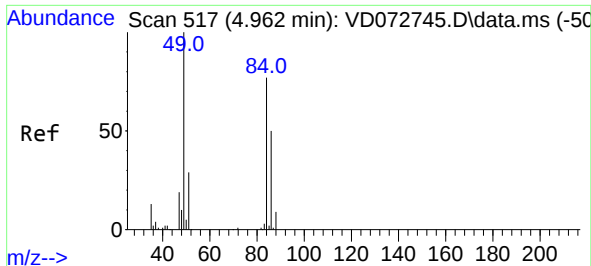
Tgt Ion: 59 Resp: 8223
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion: 43 Resp: 7054
Ion Ratio Lower Upper
43 100
58 18.3 22.1 33.1#



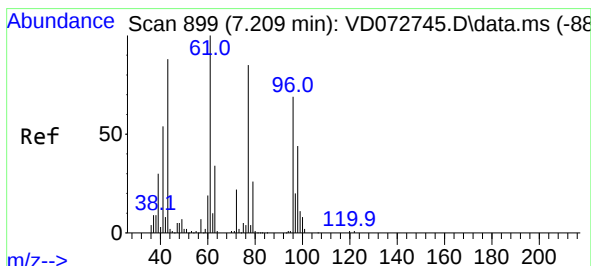
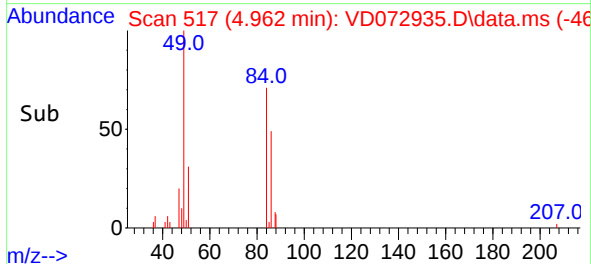
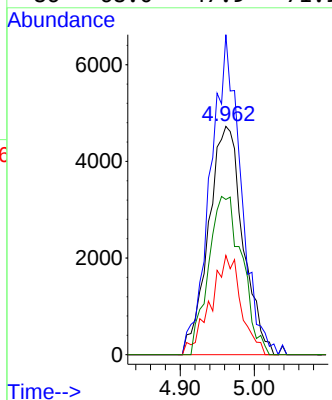
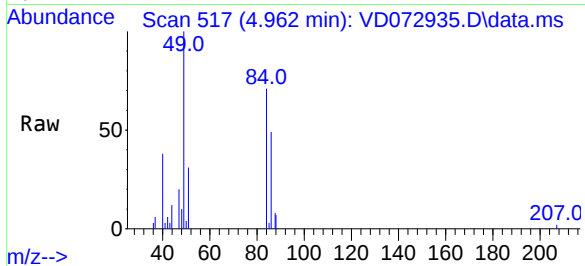


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 84 Resp: 15236

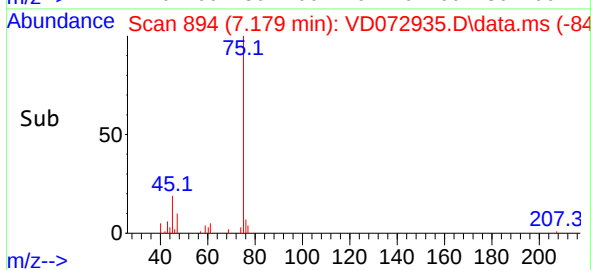
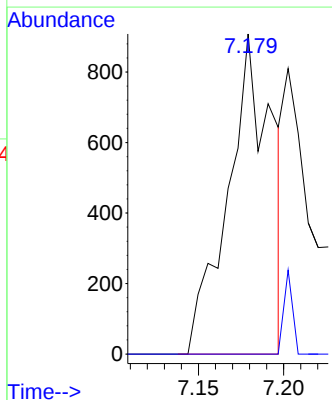
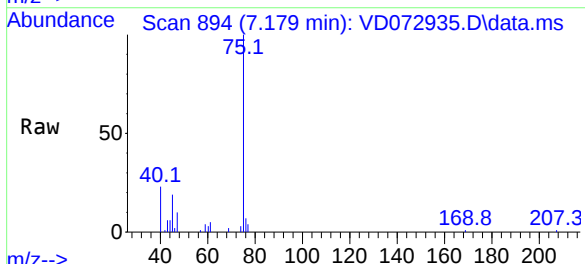
Ion	Ratio	Lower	Upper
84	100		
49	140.1	112.8	169.2
51	43.4	32.6	48.8
86	68.0	47.9	71.9

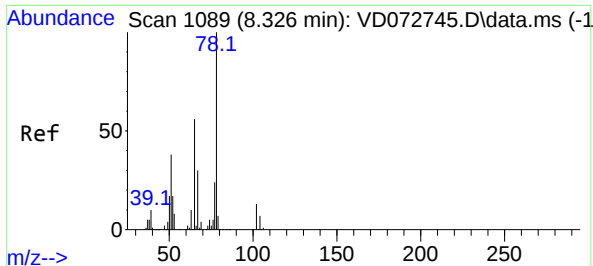


#25
2-Butanone
Concen: 1.131 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.030 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion: 43 Resp: 1609

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8





#33

1,2-Dichloroethane-d4

Concen: 41.646 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072935.D

Acq: 11 May 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

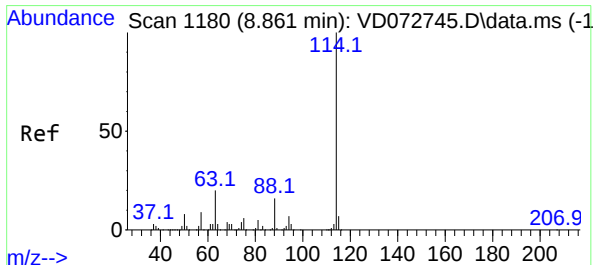
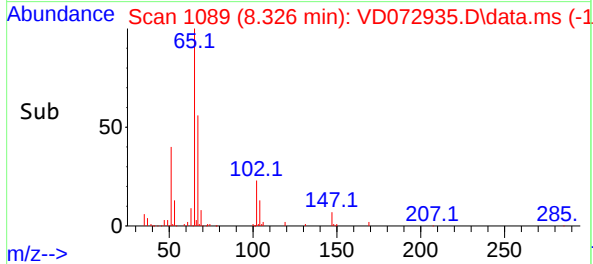
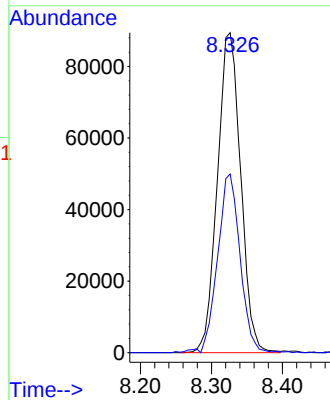
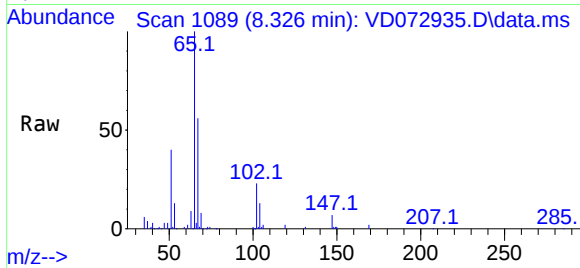
TP-3

Tgt Ion: 65 Resp: 203289

Ion Ratio Lower Upper

65 100

67 54.1 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: VD072935.D

Acq: 11 May 2022 17:15

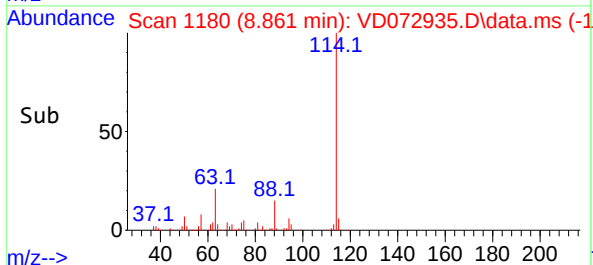
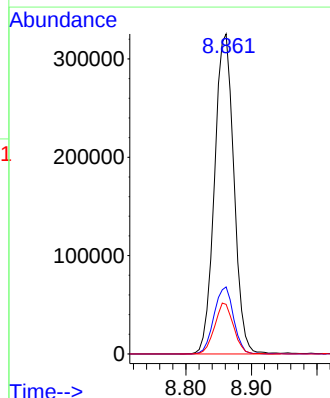
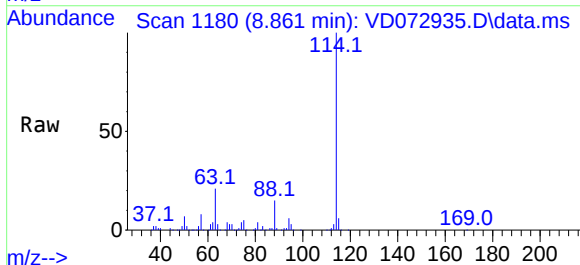
Tgt Ion: 114 Resp: 665634

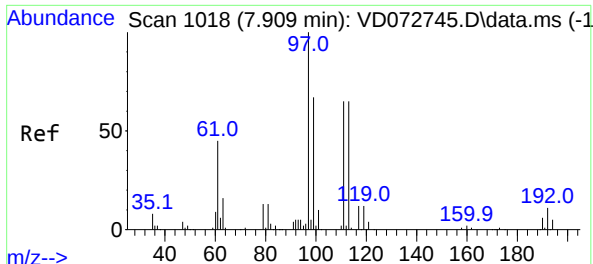
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.5 0.0 33.2

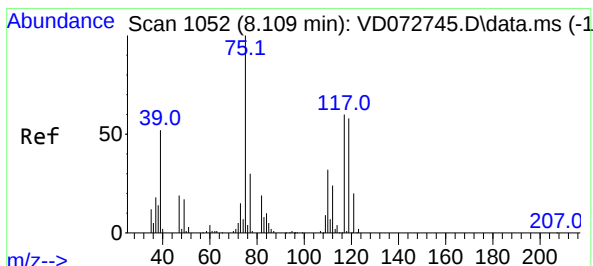
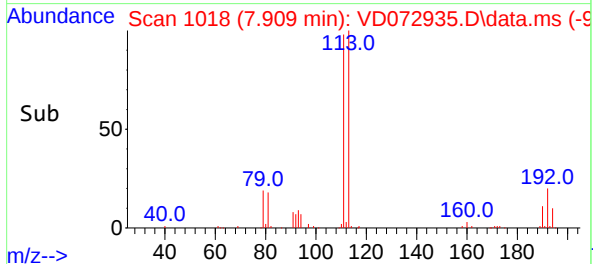
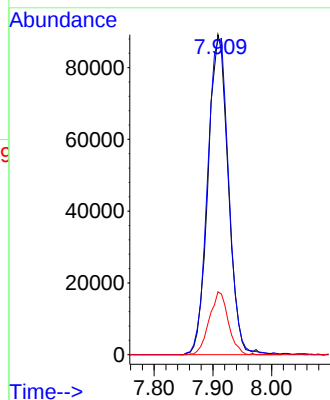
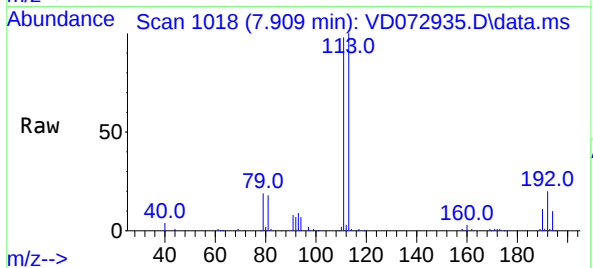




#35
Dibromofluoromethane
Concen: 45.576 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

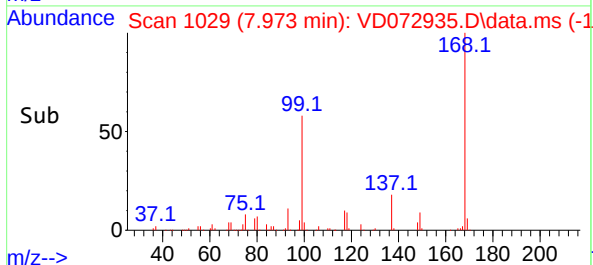
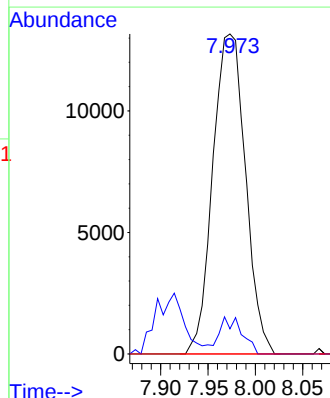
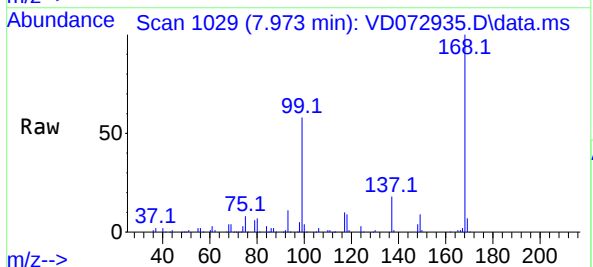
Instrument :
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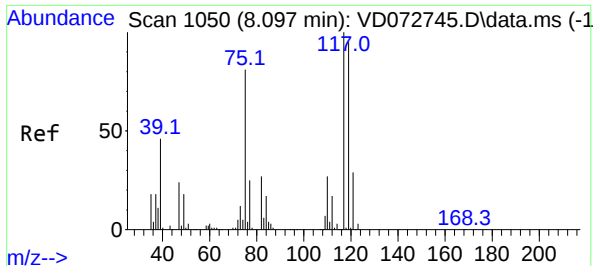
Tgt Ion:113 Resp: 213060
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.164 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion: 75 Resp: 31655
Ion Ratio Lower Upper
75 100
110 8.4 16.4 49.1#
77 0.0 24.2 36.2#

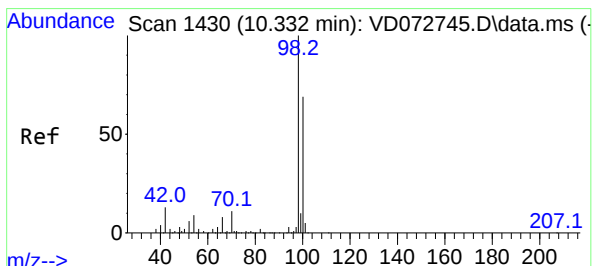
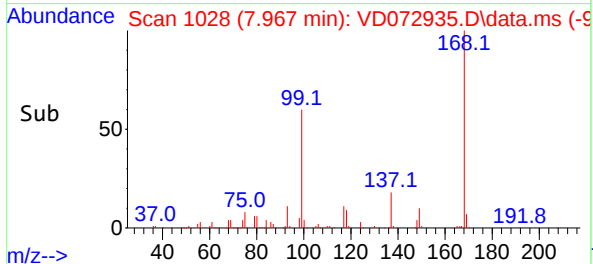
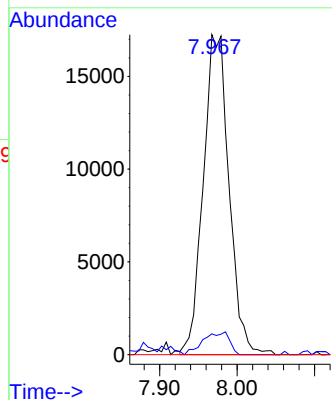
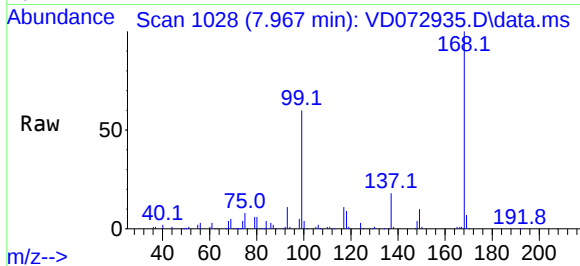




#38
Carbon Tetrachloride
Concen: 5.050 ug/l
RT: 7.967 min Scan# 1050
Delta R.T. -0.130 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

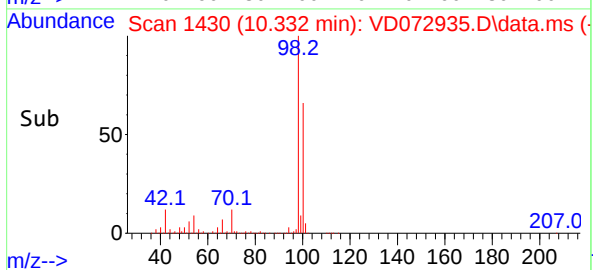
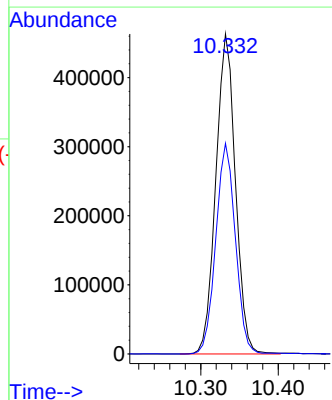
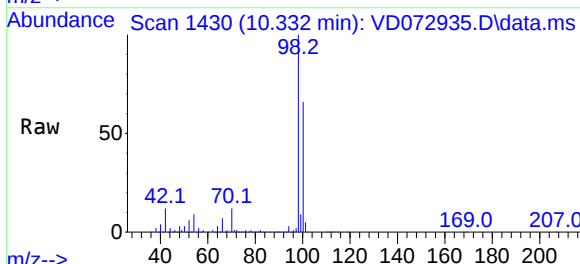
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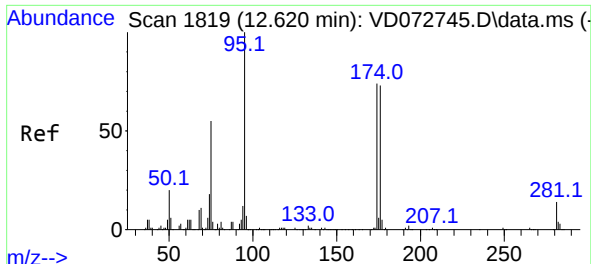
Tgt Ion:117 Resp: 39848
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.521 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion: 98 Resp: 813653
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

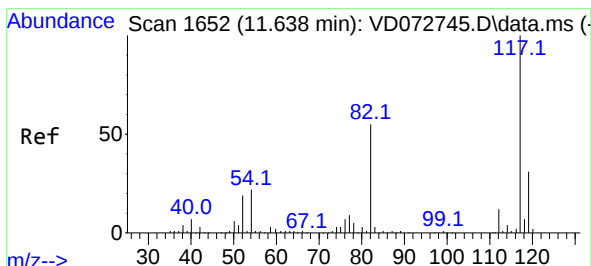
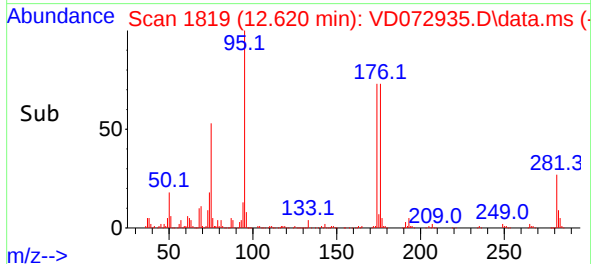
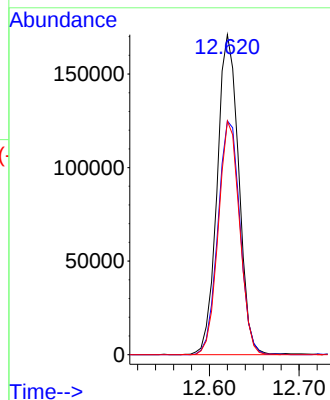
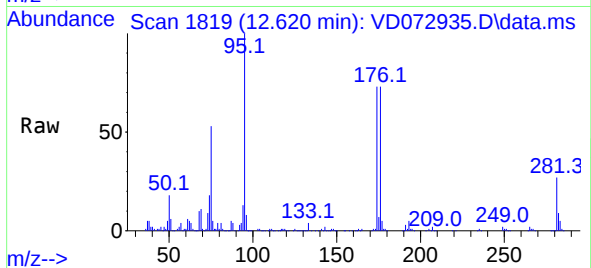




#62
4-Bromofluorobenzene
Concen: 45.666 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

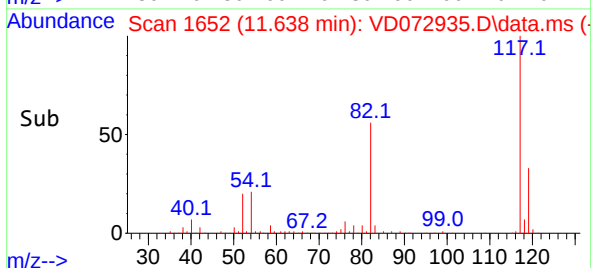
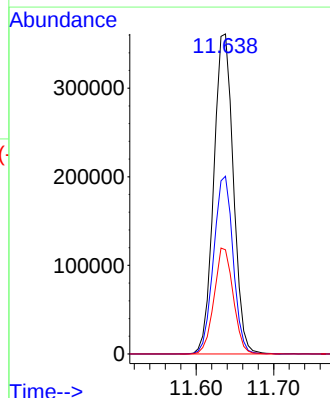
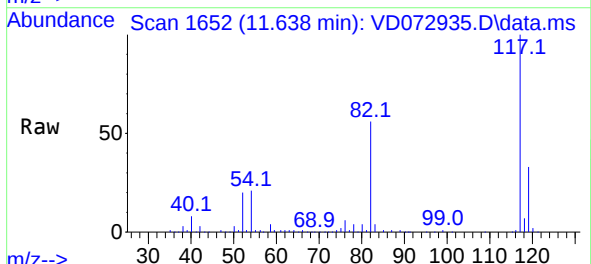
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ClientSampleId :
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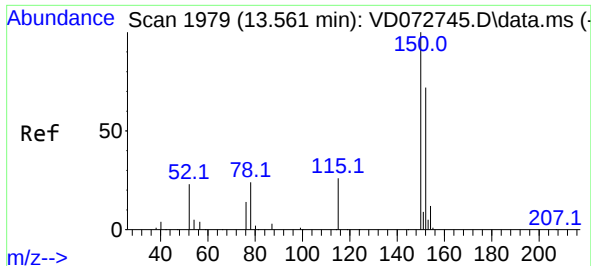
Tgt Ion: 95 Resp: 285534
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Tgt Ion: 117 Resp: 634787
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.5 26.6 40.0

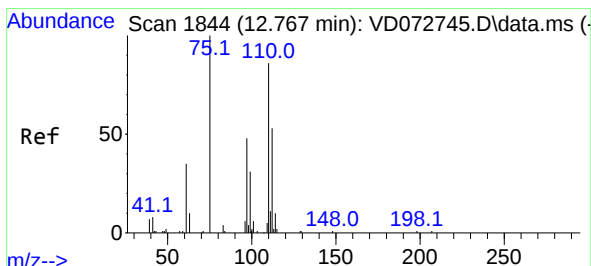
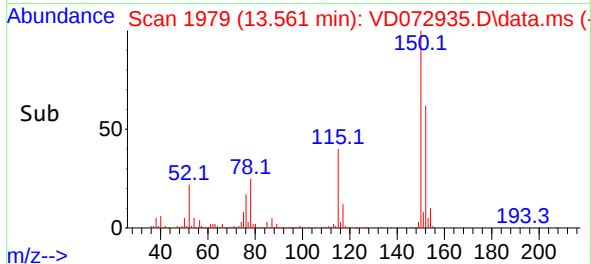
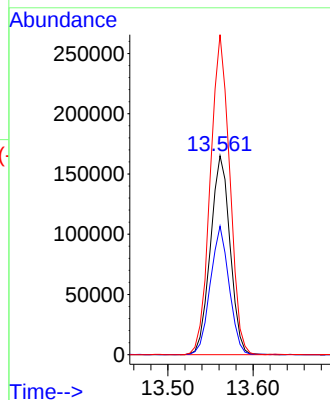
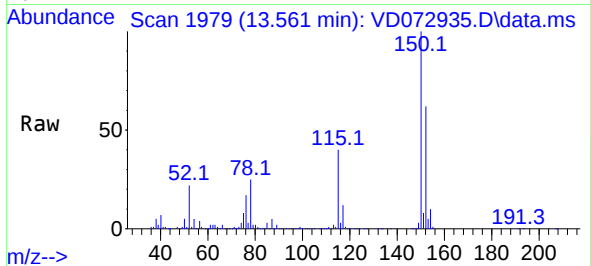




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

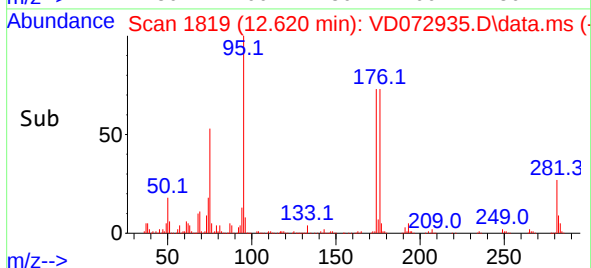
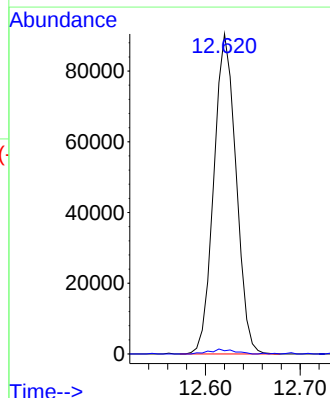
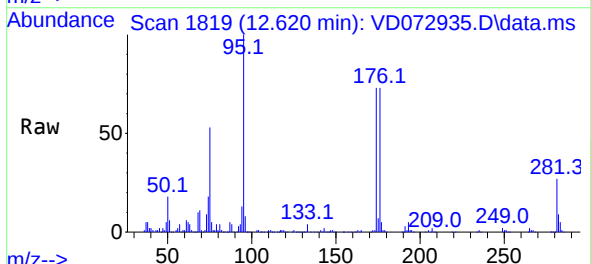
Instrument :
MSVOA_D
ClientSampleId :
TP-3

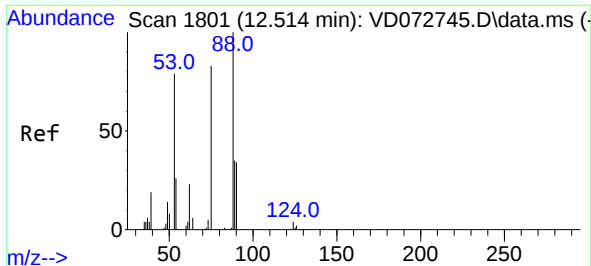
Tgt Ion:152 Resp: 264118
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 159.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 50.113 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

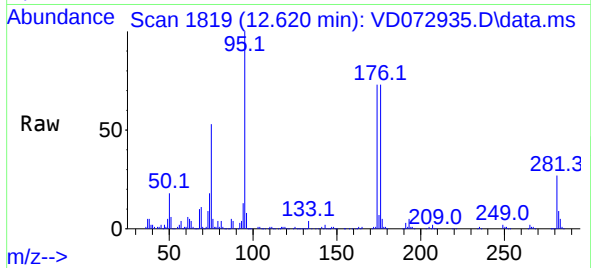
Tgt Ion: 75 Resp: 147587
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.239 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072935.D
Acq: 11 May 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
TP-3



Tgt Ion: 75 Resp: 147587
Ion Ratio Lower Upper
75 100
53 0.8 86.5 129.7#
89 0.5 33.9 50.9#

