

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072928.D
 Acq On : 11 May 2022 13:55
 Operator : VA/SY
 Sample : N2666-01RE
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTERE

Quant Time: May 12 02:37:50 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)

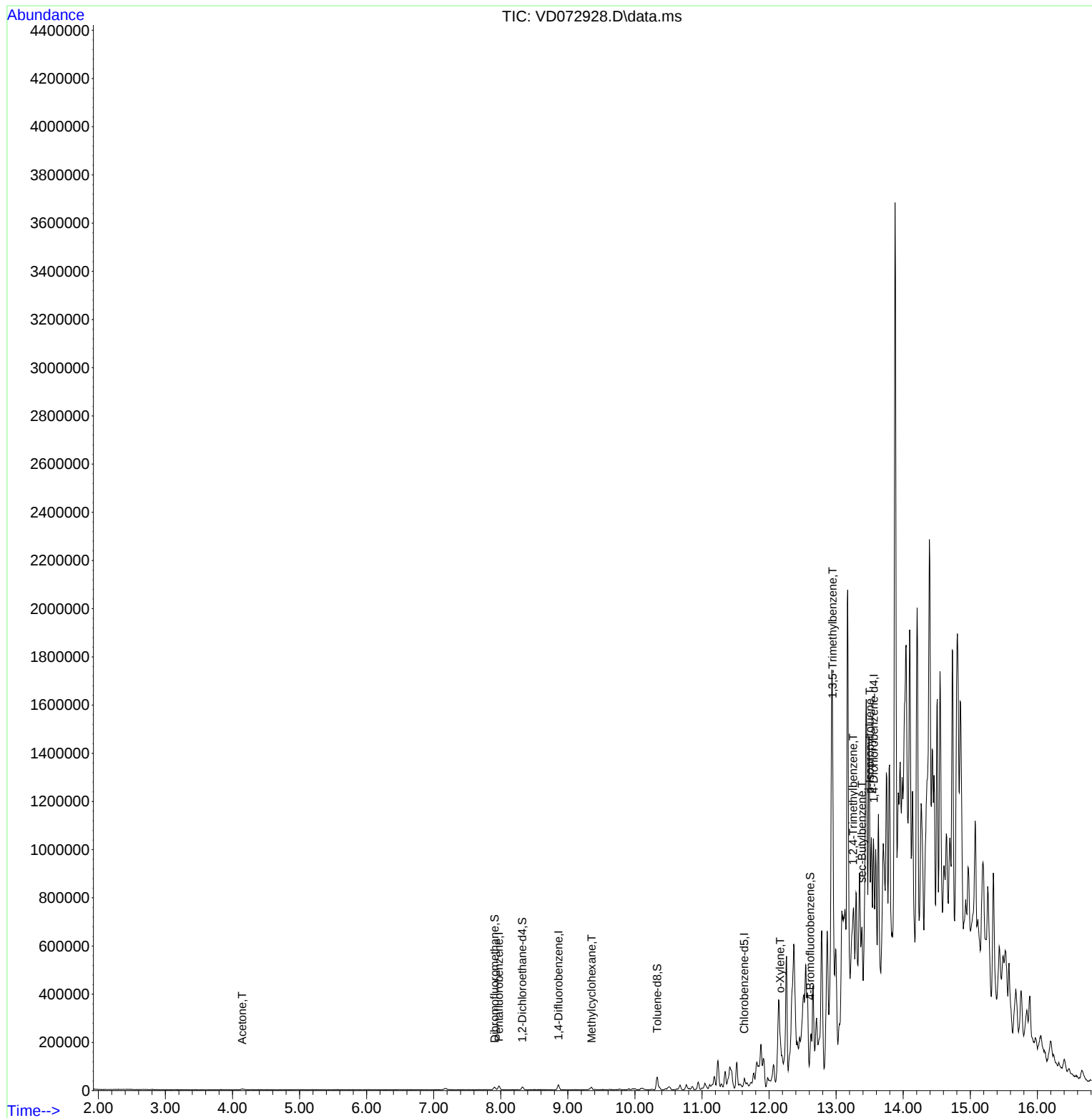
Internal Standards						
1) Pentafluorobenzene	7.973	168	10393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	21288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	17817	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9093	67.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.800%	
35) Dibromofluoromethane	7.908	113	7490	64.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.400%	
50) Toluene-d8	10.332	98	20822	50.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.614	95	19291	124.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 249.180%#	
Target Compounds						
						Qvalue
16) Acetone	4.144	43	6434	255.084	ug/l	91
39) Methylcyclohexane	9.355	83	3456	15.829	ug/l	92
69) o-Xylene	12.167	106	19142	62.443	ug/l	89
80) 1,3,5-Trimethylbenzene	12.949	105	197093	167.679	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	198022	168.543	ug/l	99
85) sec-Butylbenzene	13.385	105	40113	26.614	ug/l	89
86) p-Isopropyltoluene	13.502	119	69217	56.013	ug/l	99

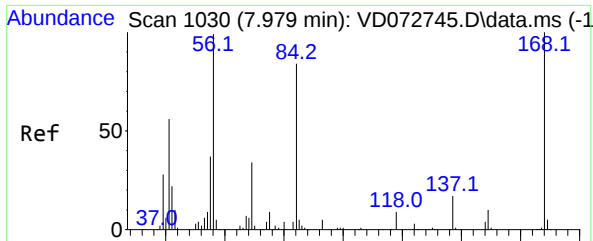
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072928.D

Acq: 11 May 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

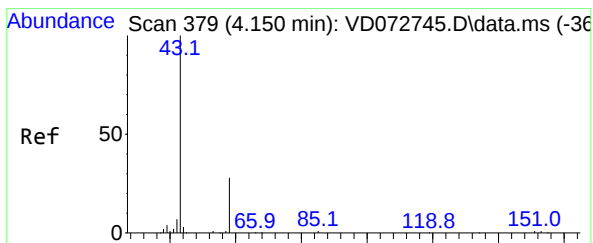
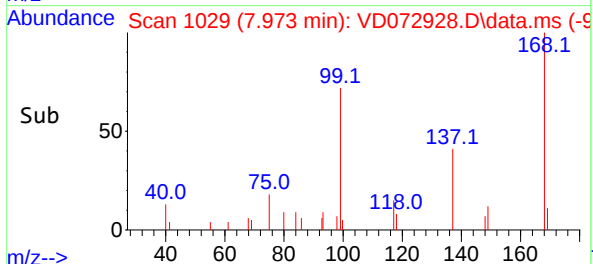
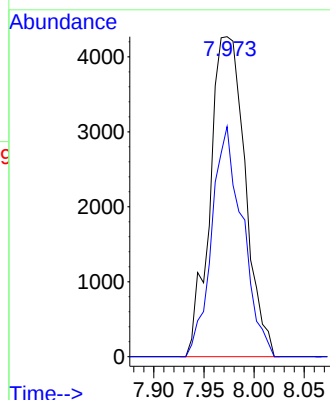
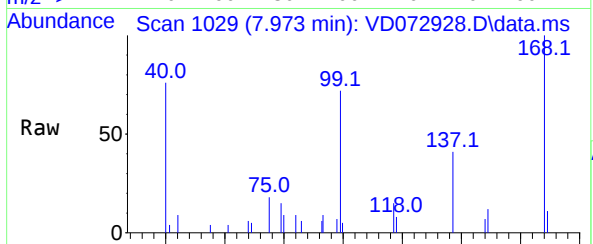
WASTERE

Tgt Ion:168 Resp: 10393

Ion Ratio Lower Upper

168 100

99 71.9 49.8 74.6



#16

Acetone

Concen: 255.084 ug/l

RT: 4.144 min Scan# 378

Delta R.T. -0.006 min

Lab File: VD072928.D

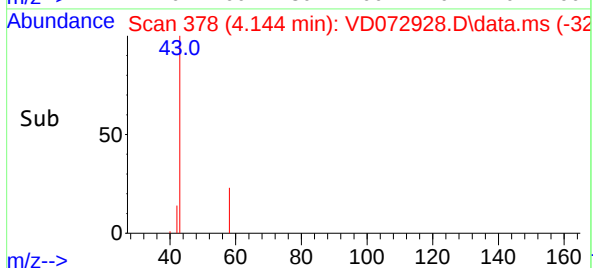
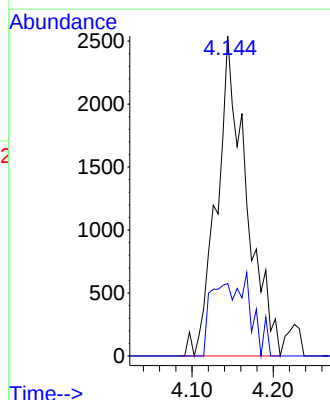
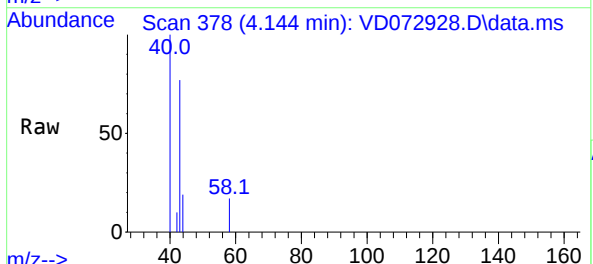
Acq: 11 May 2022 13:55

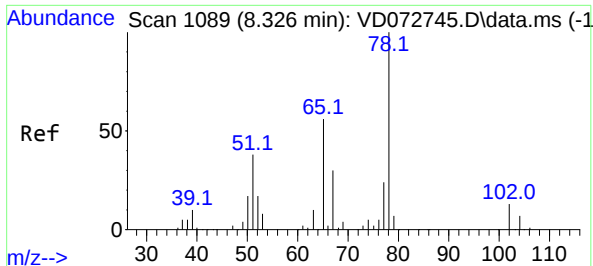
Tgt Ion: 43 Resp: 6434

Ion Ratio Lower Upper

43 100

58 22.7 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 67.401 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072928.D

Acq: 11 May 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

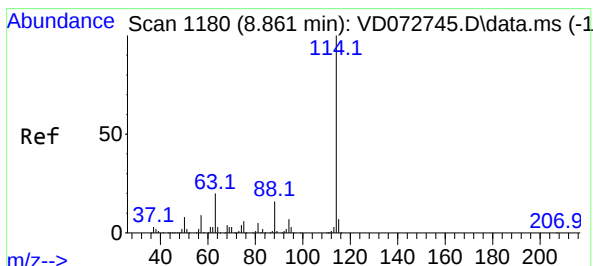
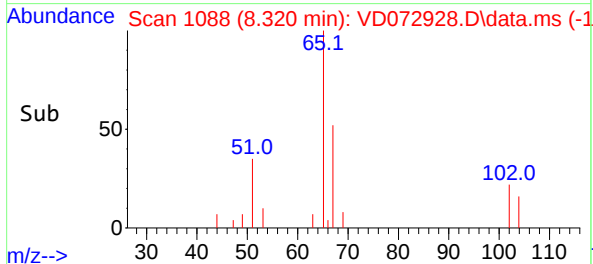
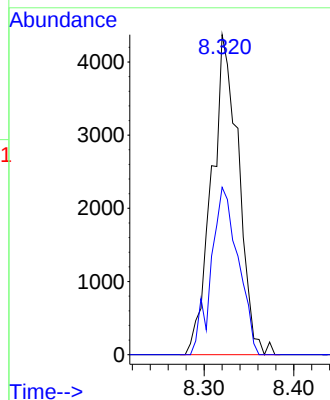
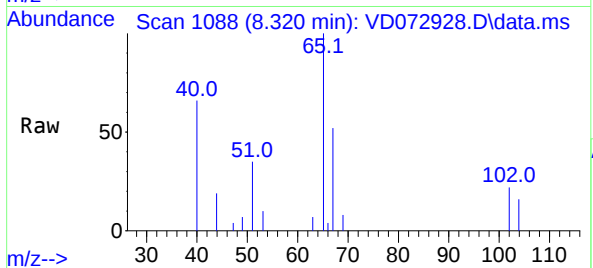
WASTERE

Tgt Ion: 65 Resp: 9093

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072928.D

Acq: 11 May 2022 13:55

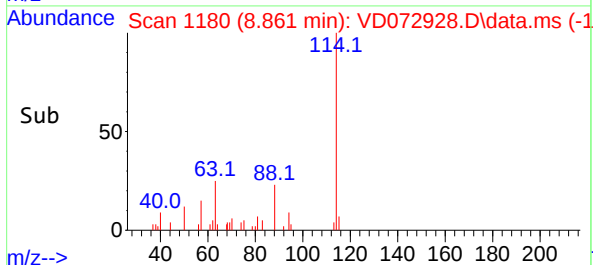
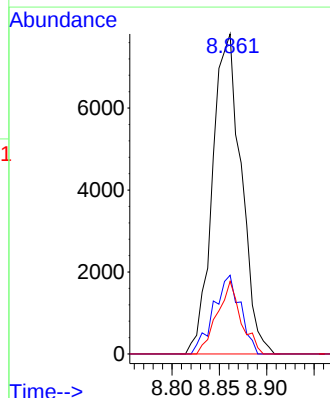
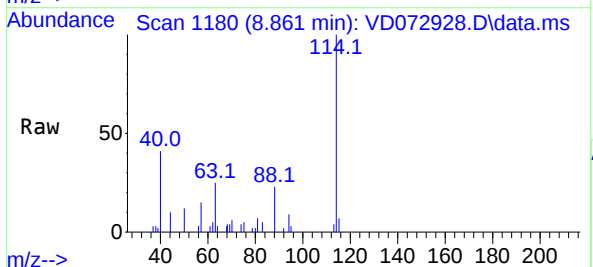
Tgt Ion: 114 Resp: 16483

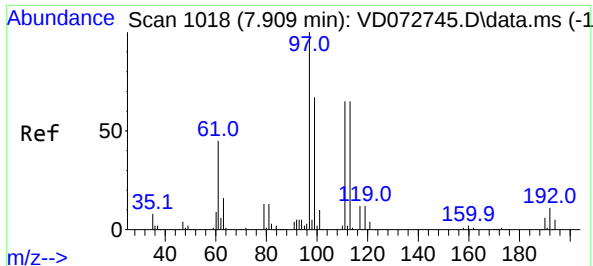
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.6

88 22.7 0.0 33.2

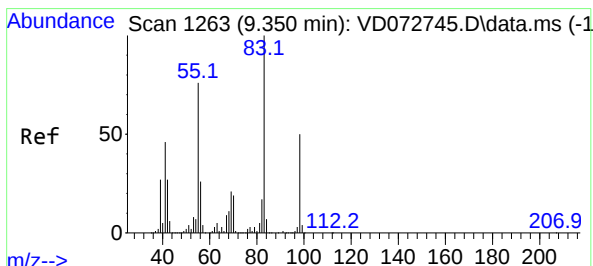
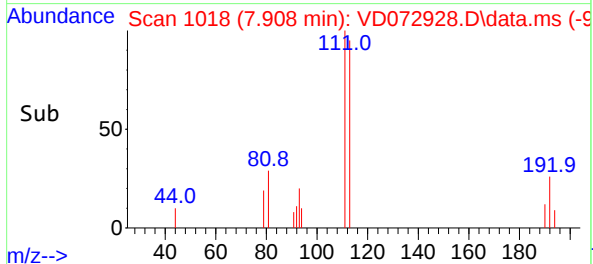
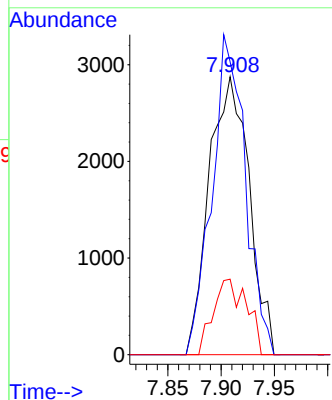
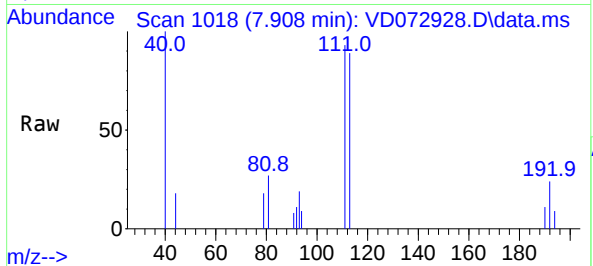




#35
Dibromofluoromethane
Concen: 64.702 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

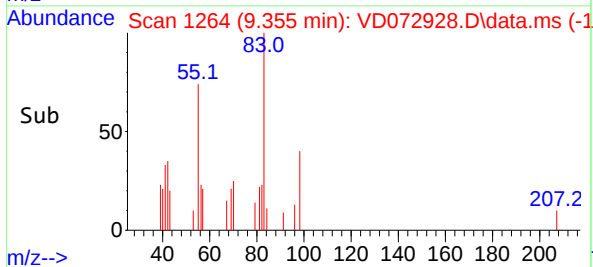
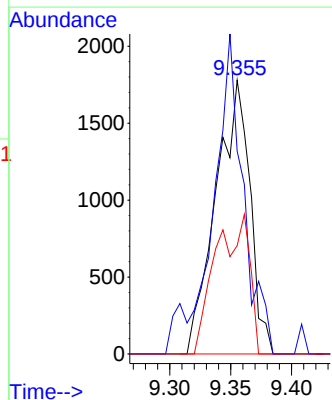
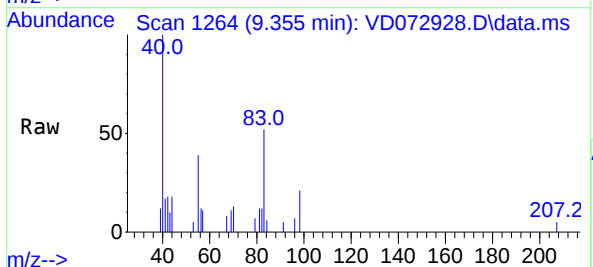
Instrument :
MSVOA_D
ClientSampleId :
WASTERE

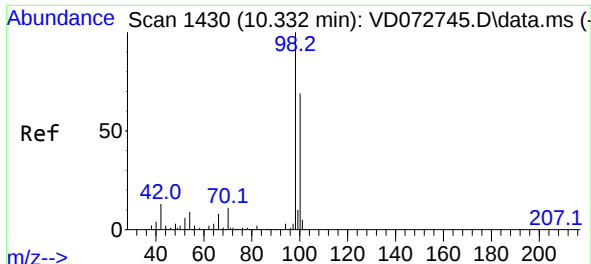
Tgt Ion:113 Resp: 7490
Ion Ratio Lower Upper
113 100
111 96.0 83.8 125.6
192 22.7 14.6 21.8#



#39
Methylcyclohexane
Concen: 15.829 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.005 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

Tgt Ion: 83 Resp: 3456
Ion Ratio Lower Upper
83 100
55 74.1 63.2 94.8
98 39.6 38.2 57.4

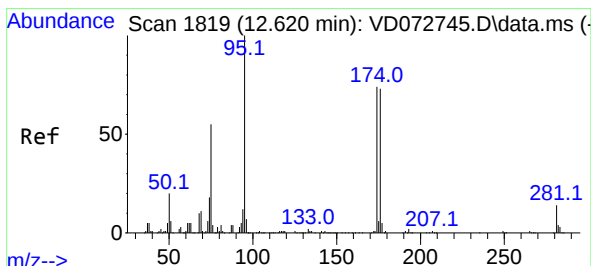
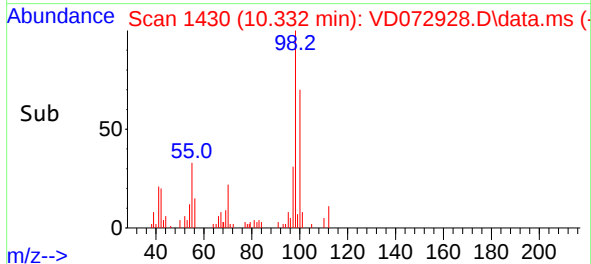
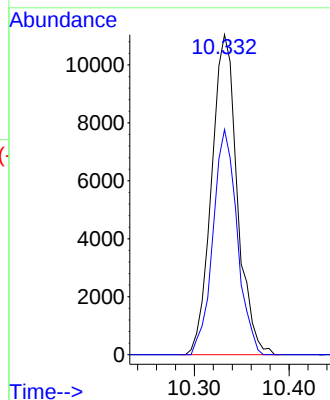
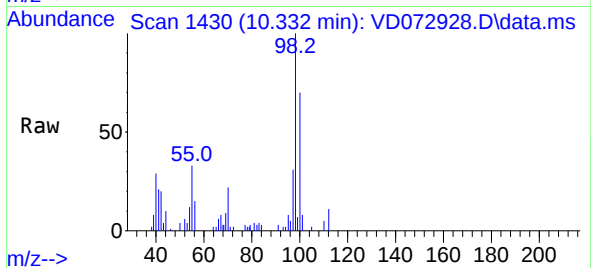




#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

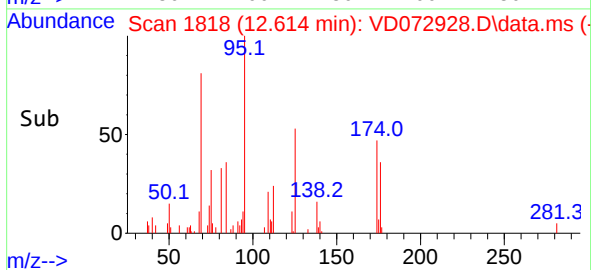
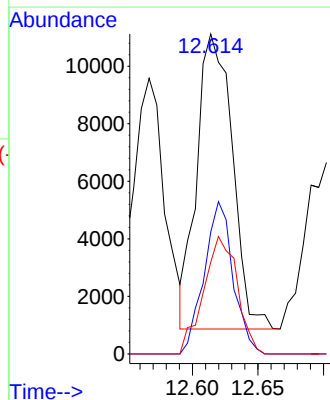
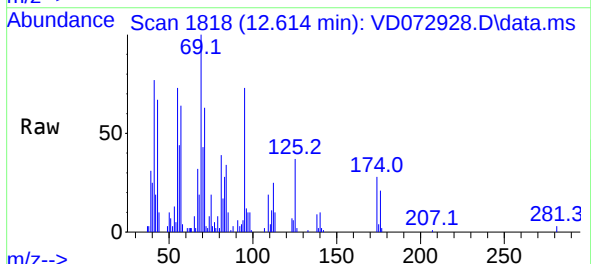
Instrument :
MSVOA_D
ClientSampleId :
WASTERE

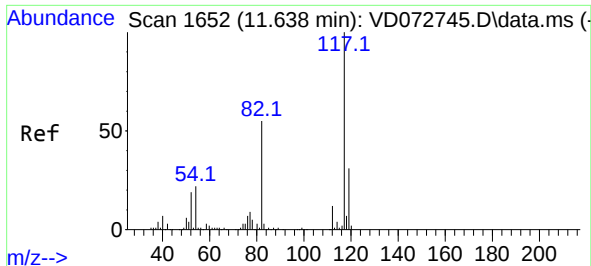
Tgt Ion: 98 Resp: 20822
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 124.591 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

Tgt Ion: 95 Resp: 19291
Ion Ratio Lower Upper
95 100
174 42.0 0.0 152.8
176 37.7 0.0 145.4

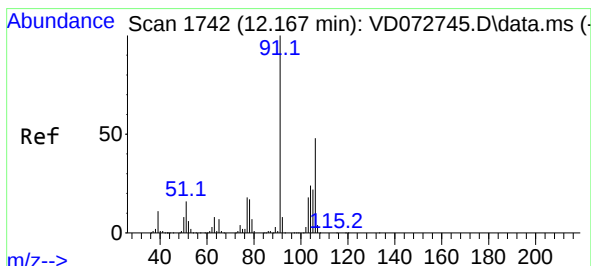
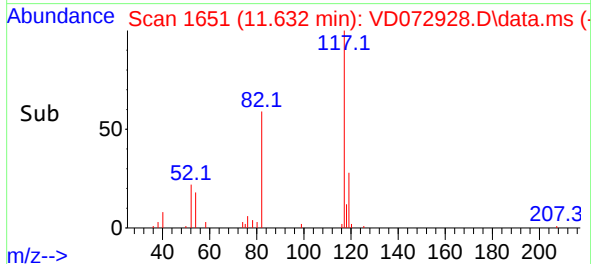
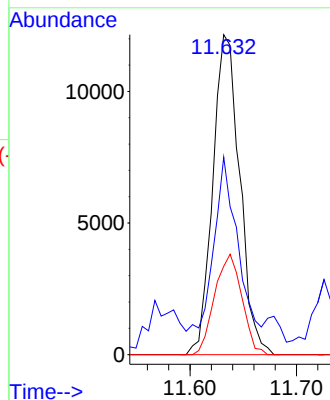
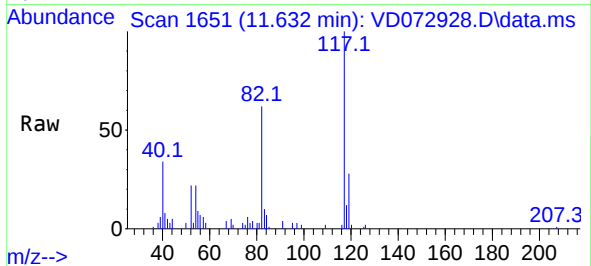




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

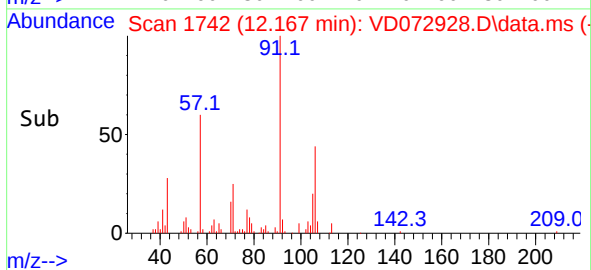
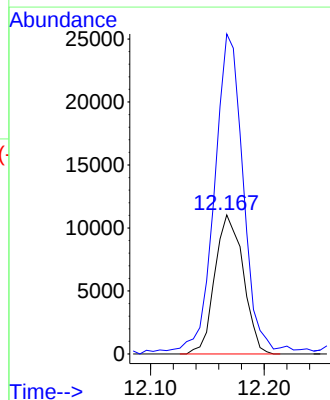
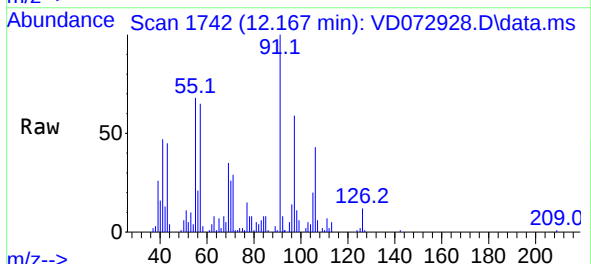
Instrument :
MSVOA_D
ClientSampleId :
WASTERE

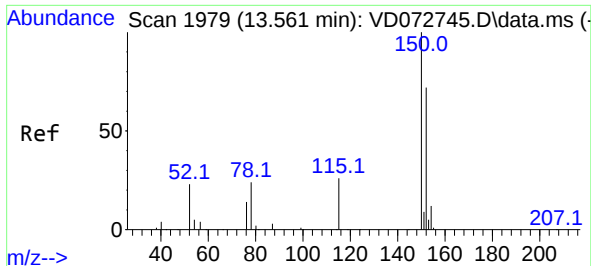
Tgt Ion:	117	Resp:	21288
Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.3	67.9
119	27.6	26.6	40.0



#69
o-Xylene
Concen: 62.443 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

Tgt Ion:	106	Resp:	19142
Ion	Ratio	Lower	Upper
106	100		
91	239.1	110.4	331.2

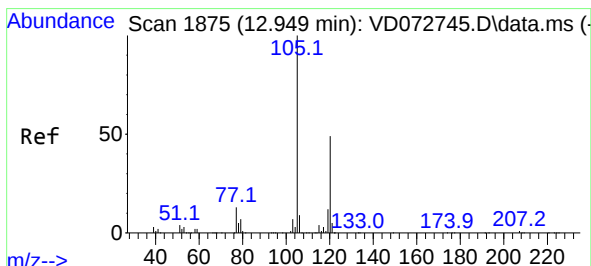
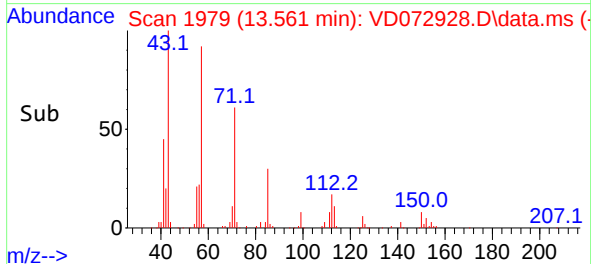
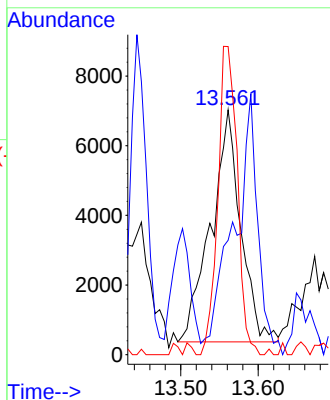
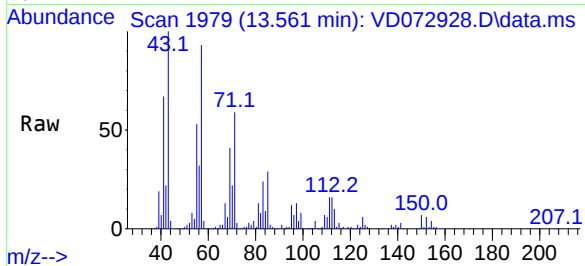




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

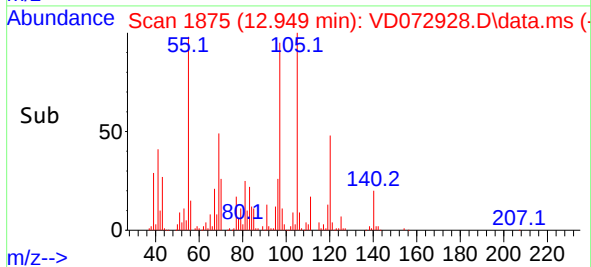
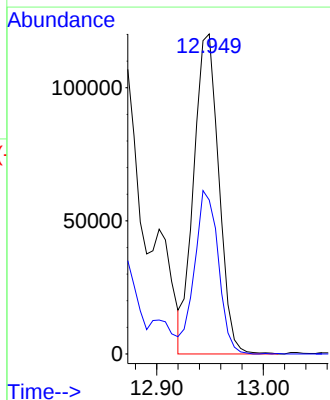
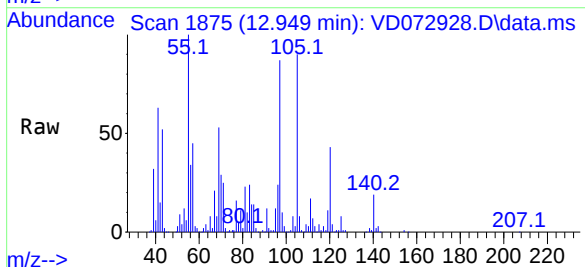
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MSVOA_D
ClientSampleId :
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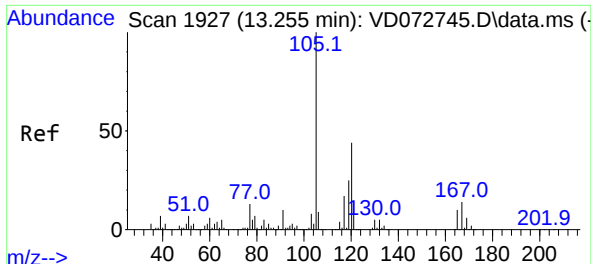
Tgt Ion:152 Resp: 17817
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 86.8 0.0 348.6



#80
1,3,5-Trimethylbenzene
Concen: 167.679 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

Tgt Ion:105 Resp: 197093
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

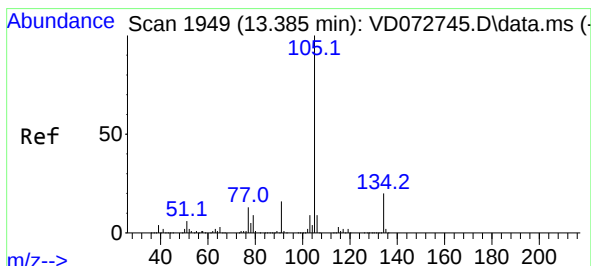
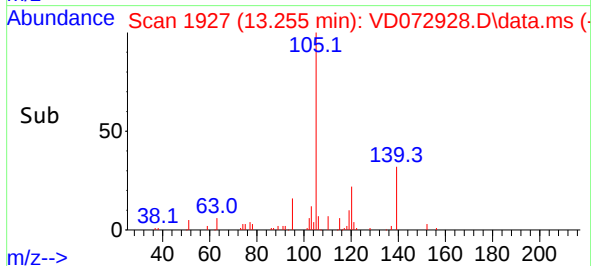
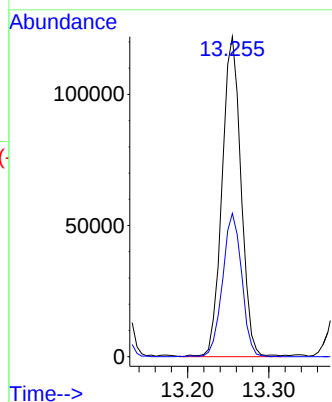
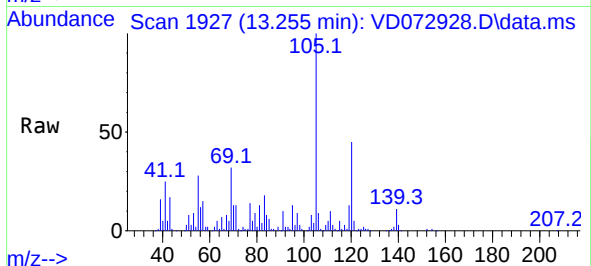




#84
1,2,4-Trimethylbenzene
Concen: 168.543 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

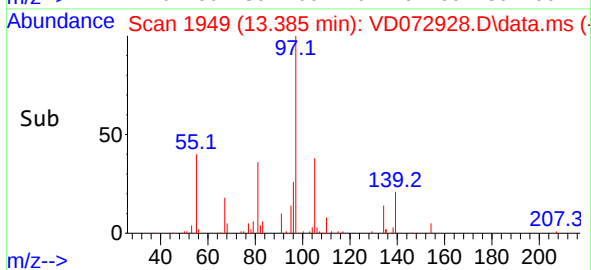
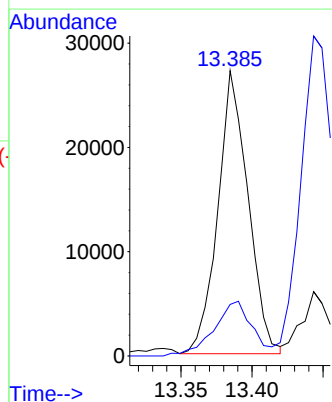
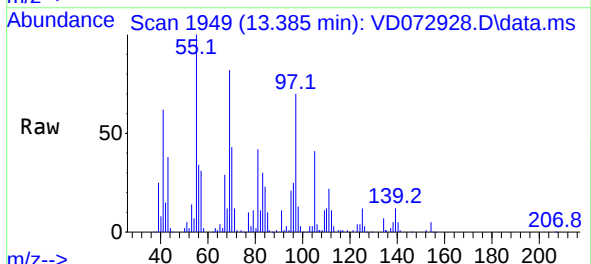
Instrument :
MSVOA_D
ClientSampleId :
WASTERE

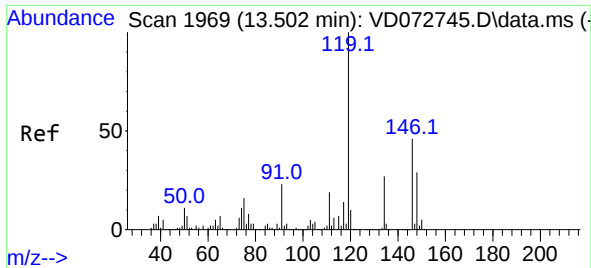
Tgt Ion:105 Resp: 198022
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 26.614 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VD072928.D
Acq: 11 May 2022 13:55

Tgt Ion:105 Resp: 40113
Ion Ratio Lower Upper
105 100
134 24.4 9.8 29.3





#86

p-Isopropyltoluene

Concen: 56.013 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072928.D

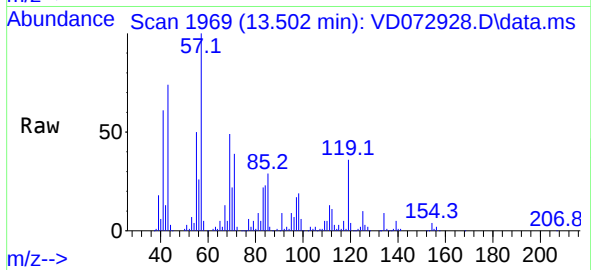
Acq: 11 May 2022 13:55

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:119 Resp: 69217

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

91 24.5 12.1 36.3

