

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073595.D
 Acq On : 15 Jun 2022 17:02
 Operator : VA/SY
 Sample : N3304-02
 Misc : 6.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-10-G

Quant Time: Jun 15 17:25:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 10:43:24 2022
 Response via : Initial Calibration

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

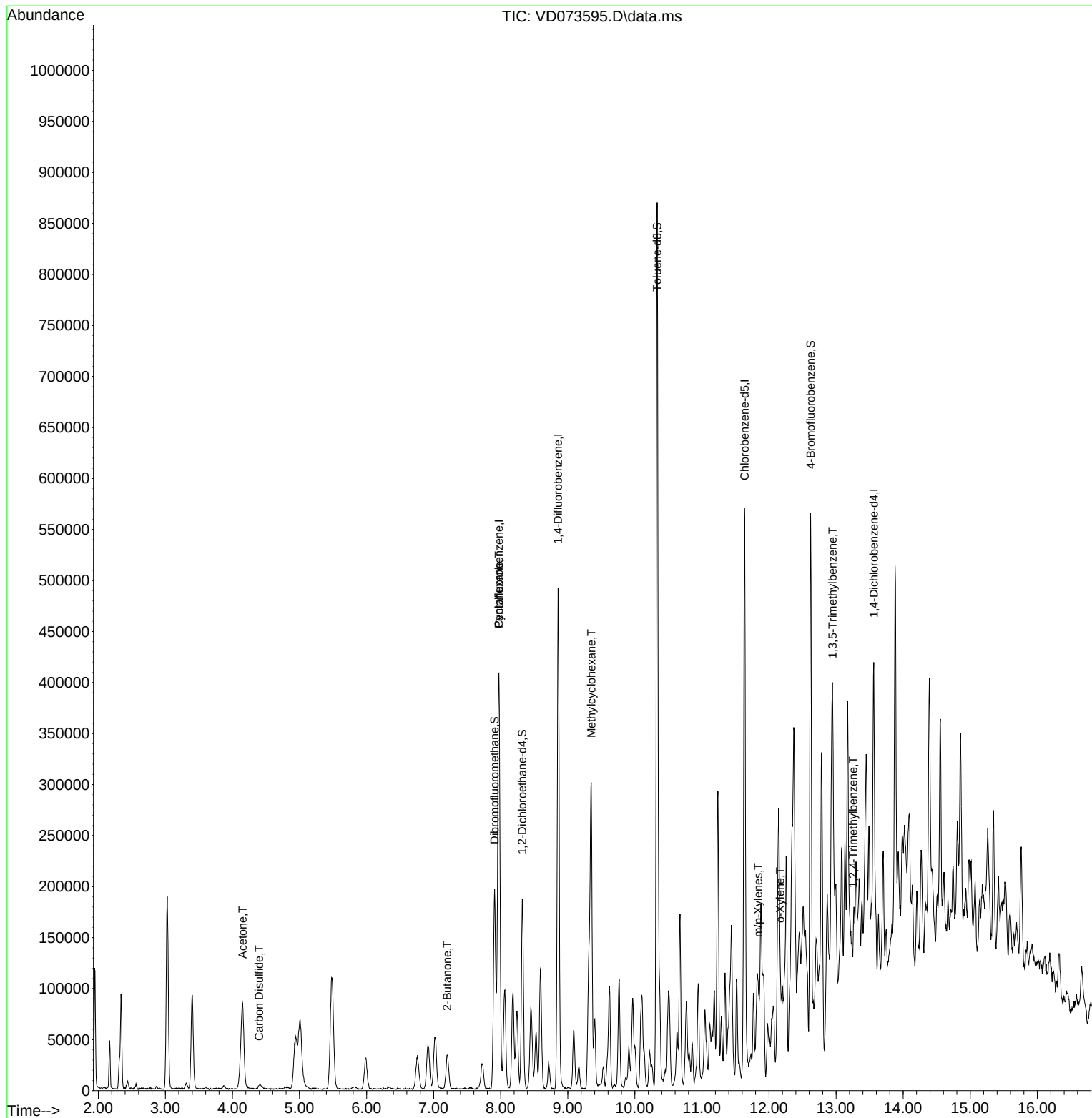
Internal Standards						
1) Pentafluorobenzene	7.973	168	248941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	416628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	328481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	80486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	147600	55.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.909	113	138695	51.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.332	98	479557	47.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.620	95	128638	34.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.960%
Target Compounds						
16) Acetone	4.150	43	129778	275.899	ug/l	94
17) Carbon Disulfide	4.397	76	7888	1.025	ug/l #	77
25) 2-Butanone	7.203	43	42194	60.964	ug/l	99
31) Cyclohexane	7.973	56	51903	11.533	ug/l #	91
39) Methylcyclohexane	9.350	83	120273	25.650	ug/l	96
68) m/p-Xylenes	11.838	106	8591	1.854	ug/l	76
69) o-Xylene	12.167	106	6665	1.563	ug/l	69
80) 1,3,5-Trimethylbenzene	12.949	105	14722	3.060	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	12417	2.586	ug/l	94

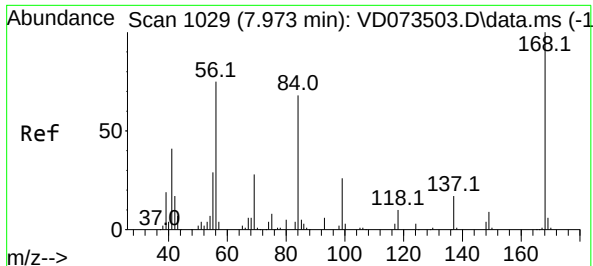
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-14A-1A-10-G

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Quant Title : SW846 8260
QLast Update : Fri Jun 10 10:43:24 2022
Response via : Initial Calibration

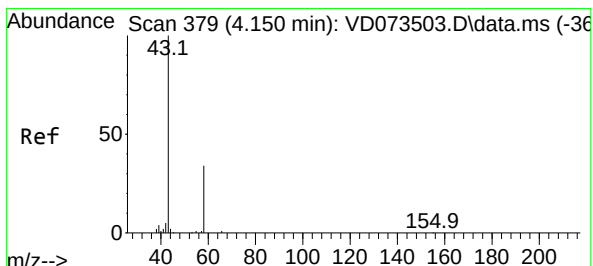
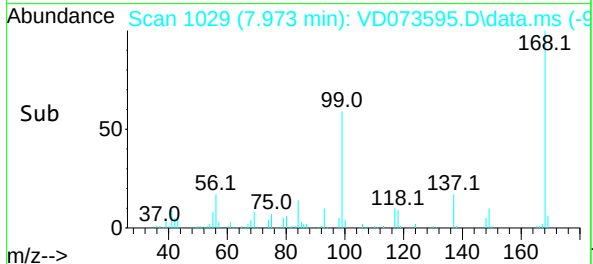
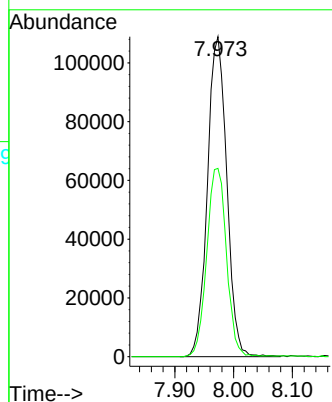
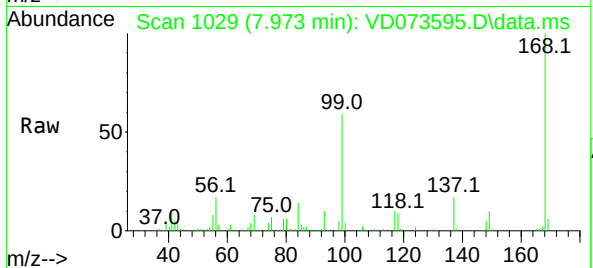




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

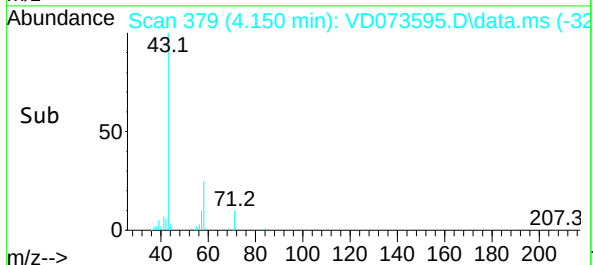
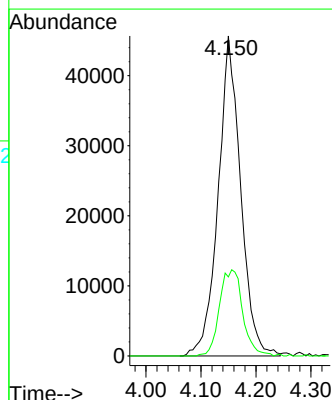
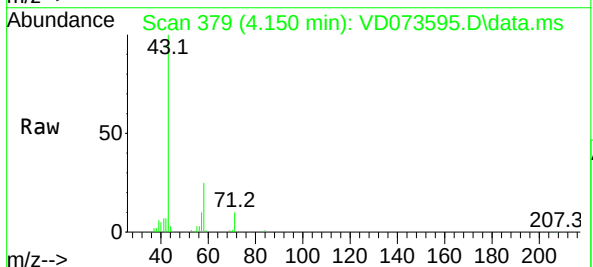
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-10-G

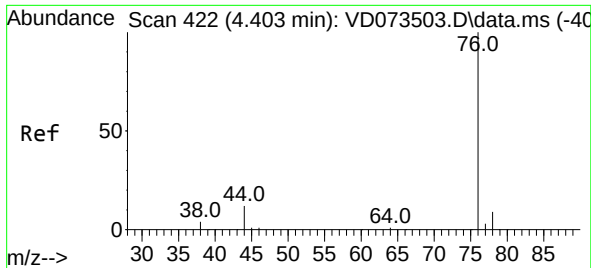
Tgt Ion:168 Resp: 248941
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#16
Acetone
Concen: 275.899 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

Tgt Ion: 43 Resp: 129778
Ion Ratio Lower Upper
43 100
58 24.7 22.1 33.1

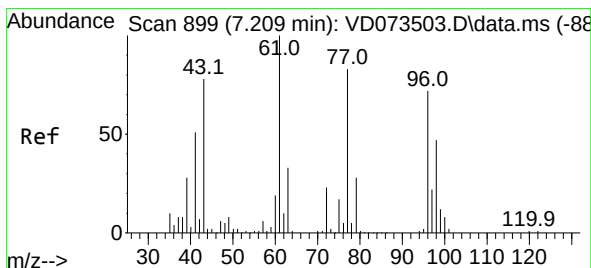
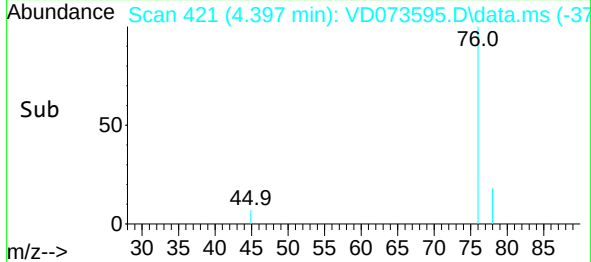
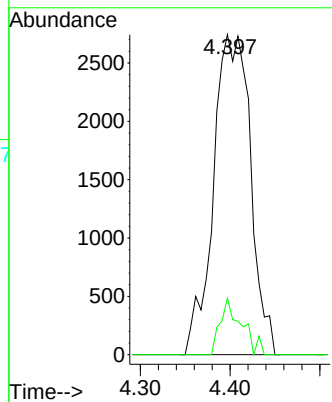
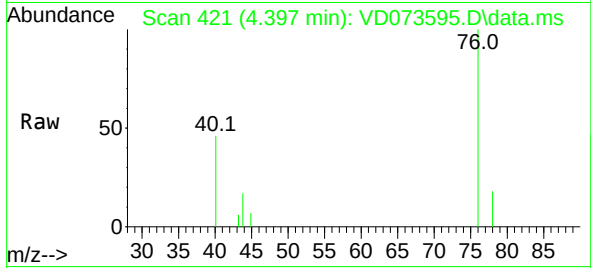




#17
Carbon Disulfide
Concen: 1.025 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

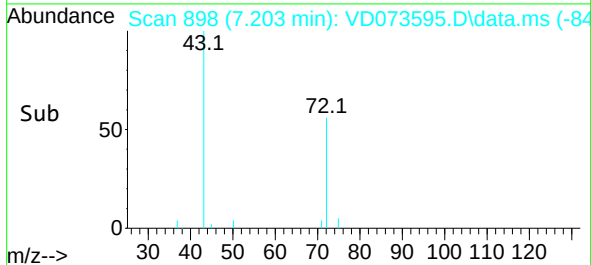
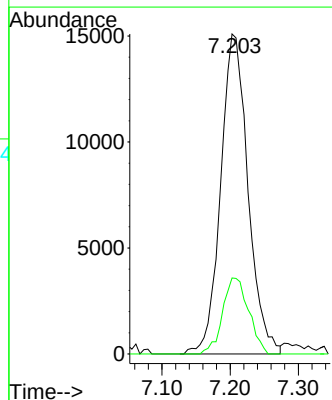
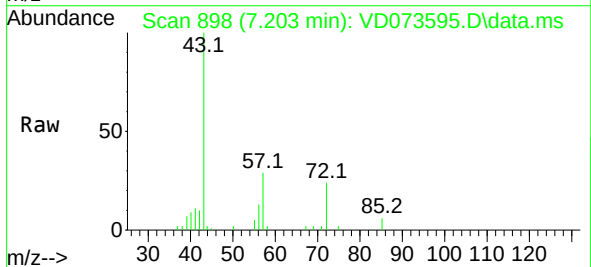
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-10-G

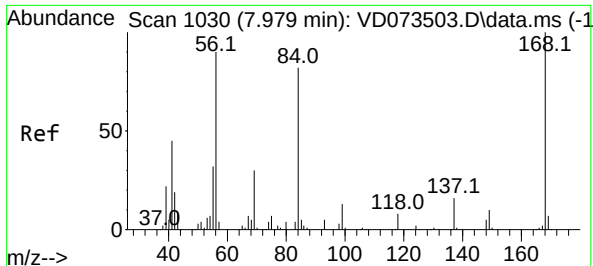
Tgt Ion: 76 Resp: 7888
Ion Ratio Lower Upper
76 100
78 17.7 7.5 11.3#



#25
2-Butanone
Concen: 60.964 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

Tgt Ion: 43 Resp: 42194
Ion Ratio Lower Upper
43 100
72 23.7 18.6 27.8

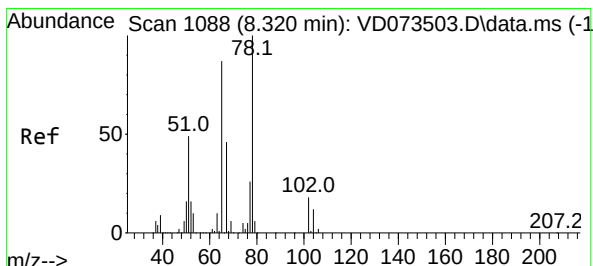
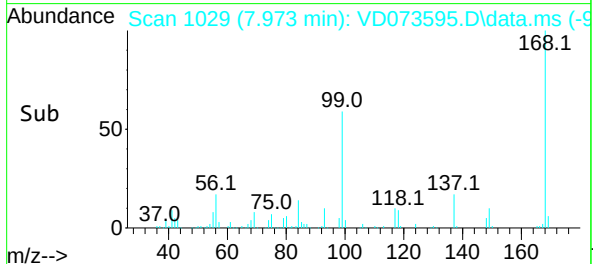
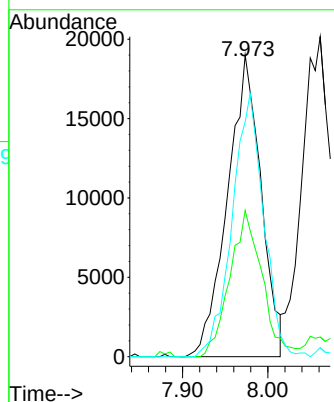
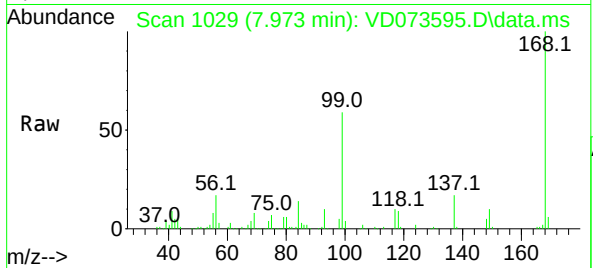




#31
Cyclohexane
Concen: 11.533 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

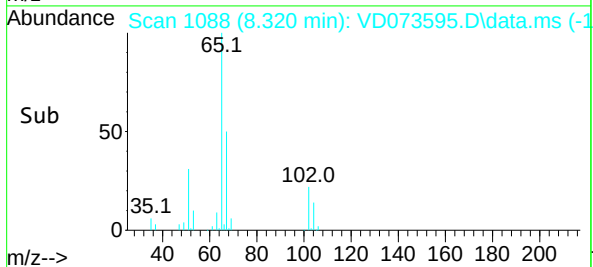
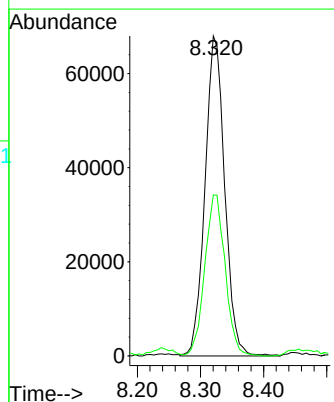
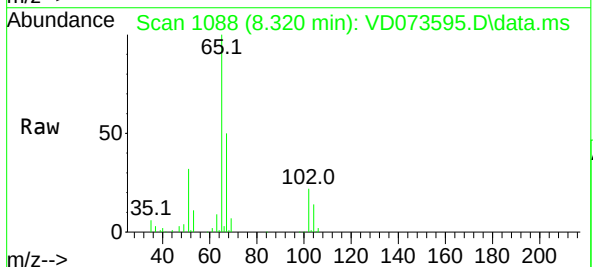
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-10-G

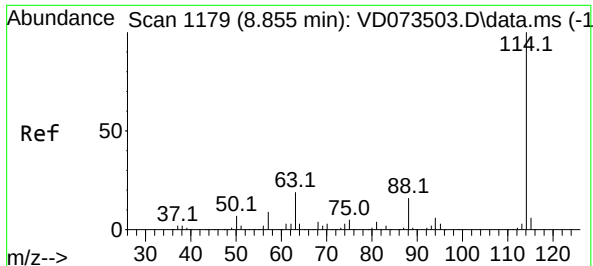
Tgt Ion: 56 Resp: 51903
Ion Ratio Lower Upper
56 100
69 48.5 25.4 38.2#
84 77.8 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 55.250 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

Tgt Ion: 65 Resp: 147600
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073595.D

Acq: 15 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-10-G

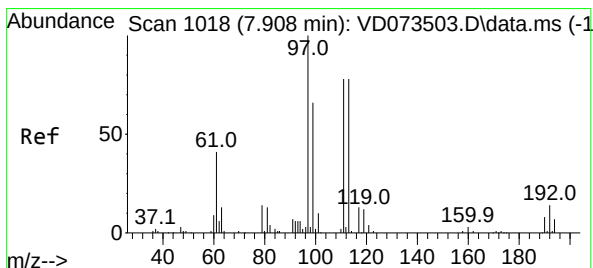
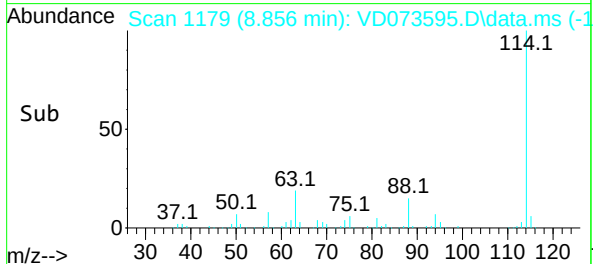
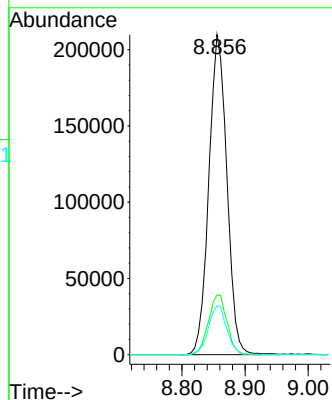
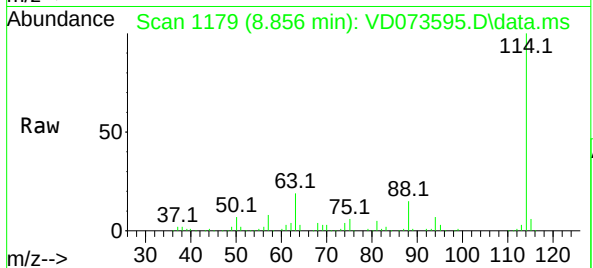
Tgt Ion:114 Resp: 416628

Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.770 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073595.D

Acq: 15 Jun 2022 17:02

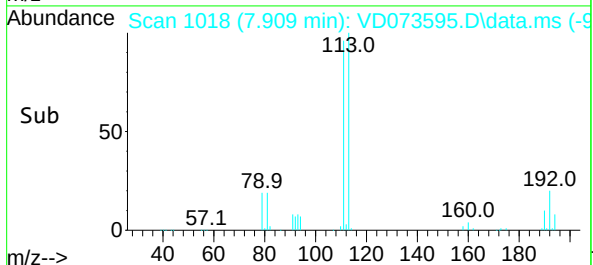
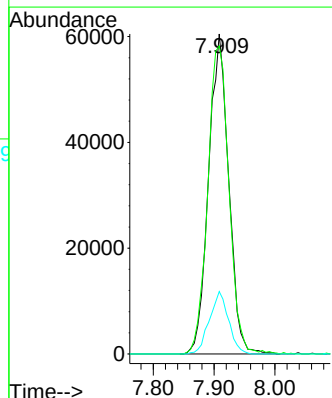
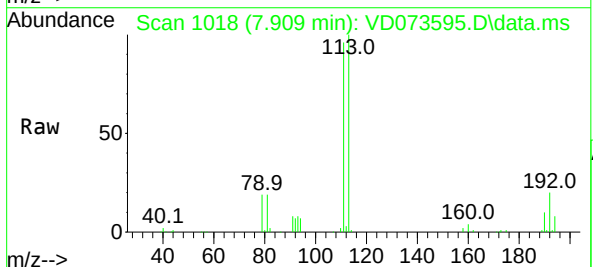
Tgt Ion:113 Resp: 138695

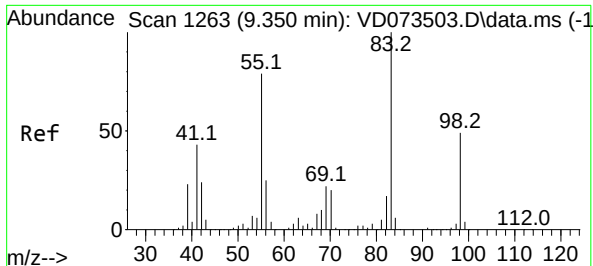
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 18.6 14.6 21.8





#39

Methylcyclohexane

Concen: 25.650 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073595.D

Acq: 15 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-10-G

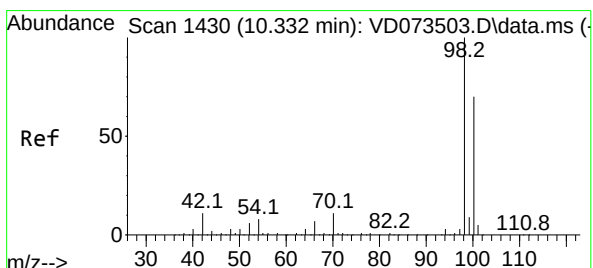
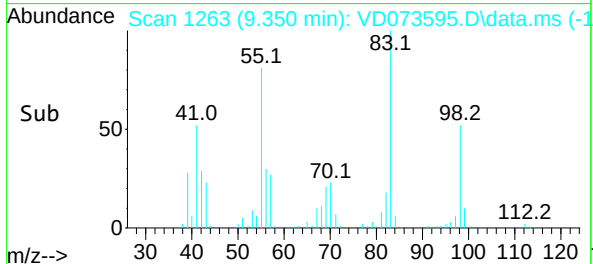
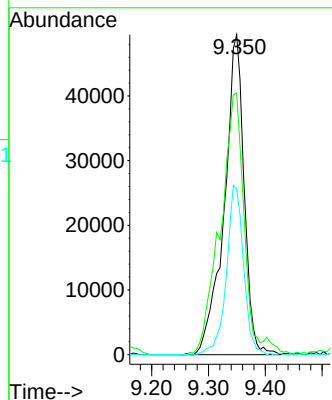
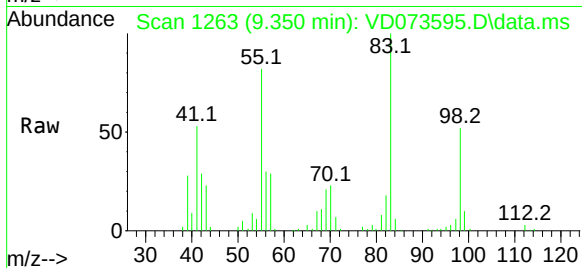
Tgt Ion: 83 Resp: 120273

Ion Ratio Lower Upper

83 100

55 81.8 63.2 94.8

98 51.8 38.2 57.4



#50

Toluene-d8

Concen: 47.344 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073595.D

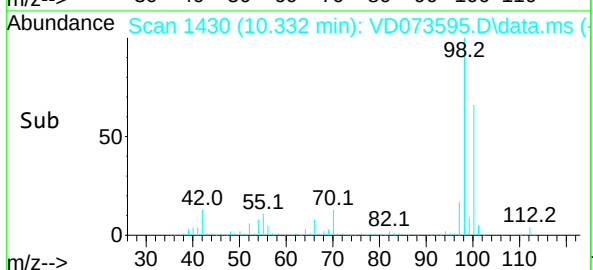
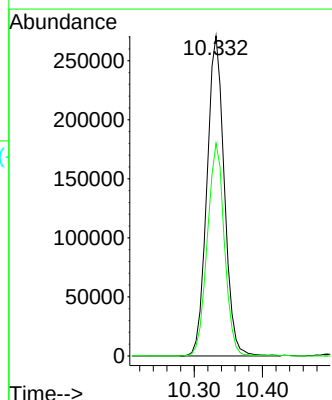
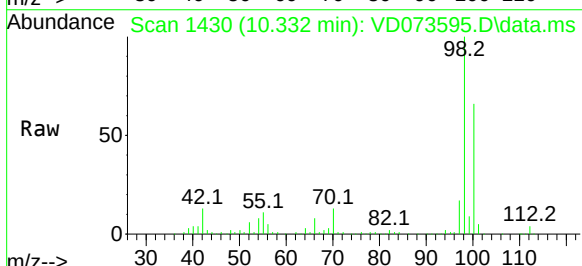
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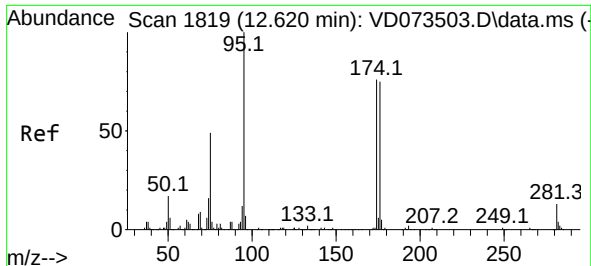
Tgt Ion: 98 Resp: 479557

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

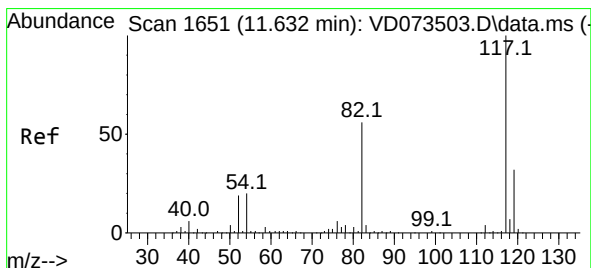
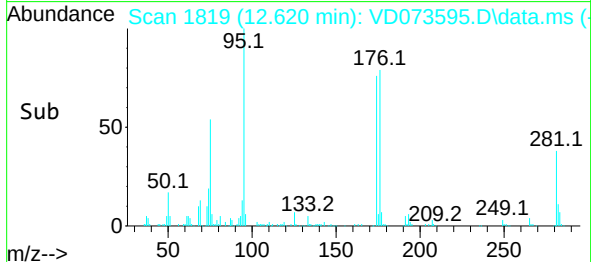
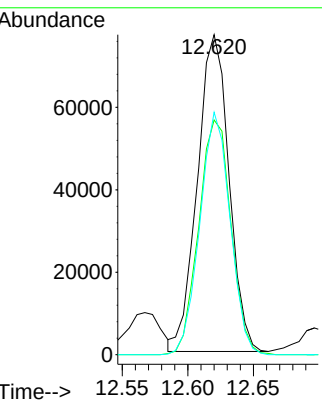
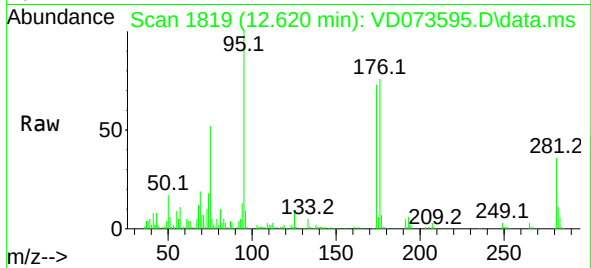




#62
4-Bromofluorobenzene
Concen: 34.983 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

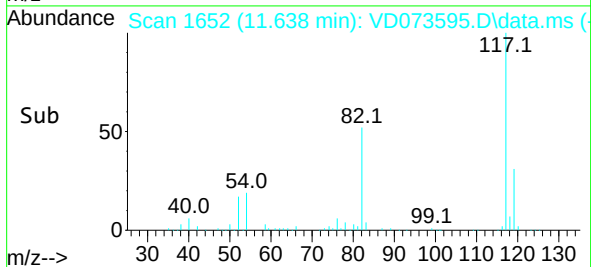
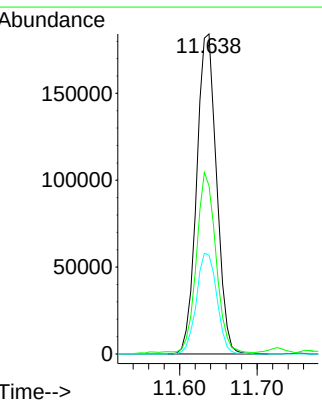
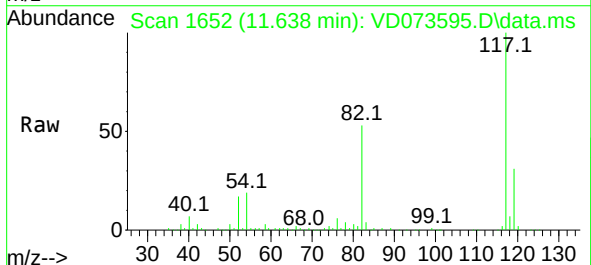
Instrument :
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WC-14A-1A-10-G

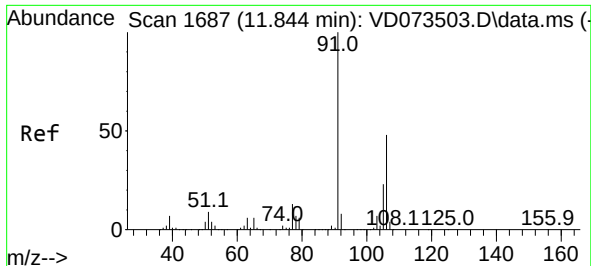
Tgt Ion: 95 Resp: 128638
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

Tgt Ion: 117 Resp: 328481
Ion Ratio Lower Upper
117 100
82 51.9 45.3 67.9
119 30.9 26.6 40.0

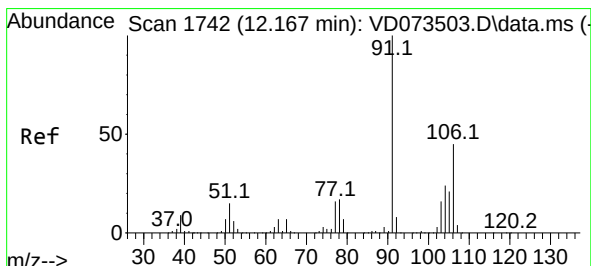
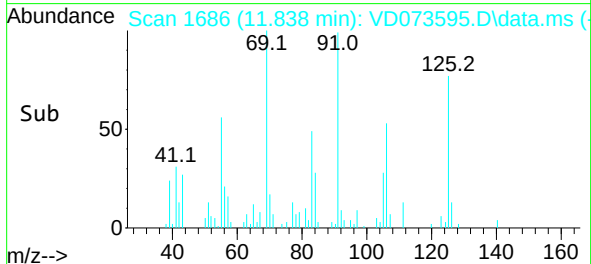
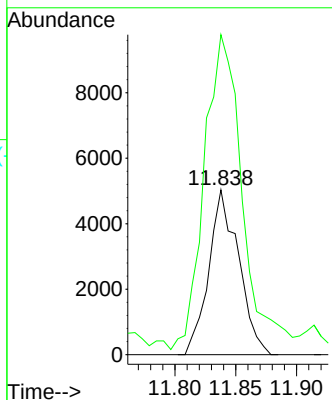
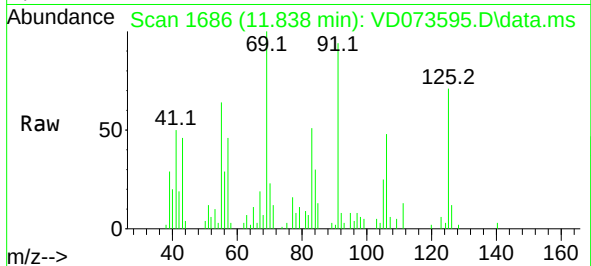




#68
m/p-Xylenes
Concen: 1.854 ug/l
RT: 11.838 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

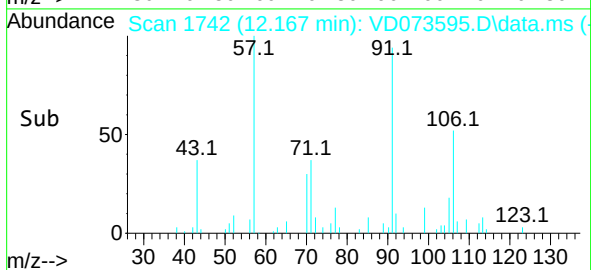
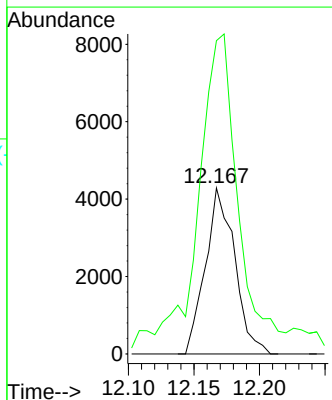
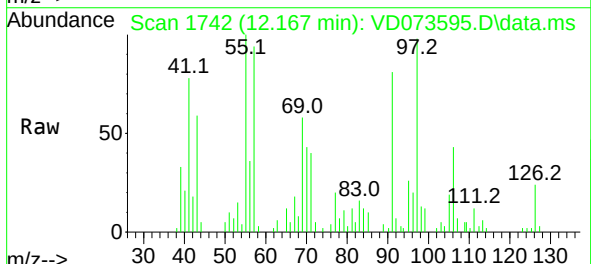
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-10-G

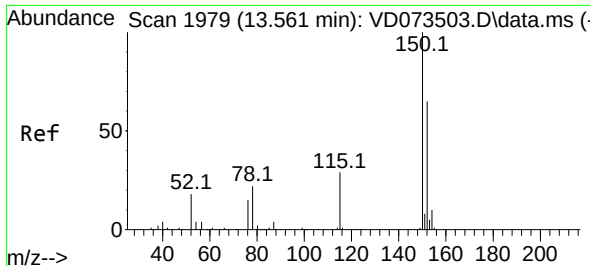
Tgt Ion:106 Resp: 8591
Ion Ratio Lower Upper
106 100
91 241.4 163.7 245.5



#69
o-Xylene
Concen: 1.563 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073595.D
Acq: 15 Jun 2022 17:02

Tgt Ion:106 Resp: 6665
Ion Ratio Lower Upper
106 100
91 270.3 110.4 331.2

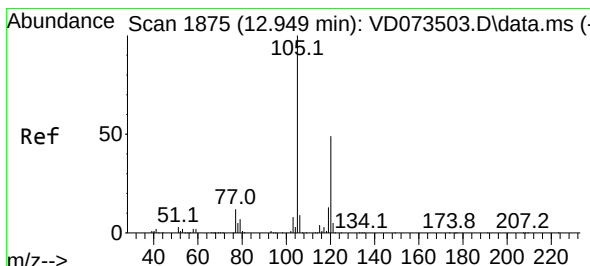
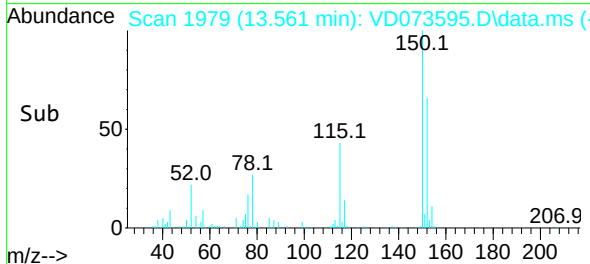
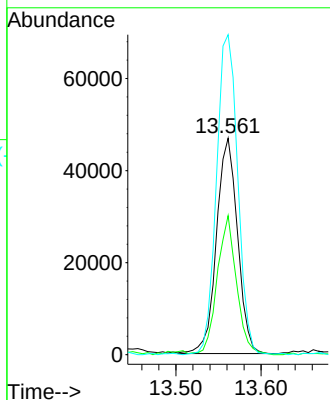
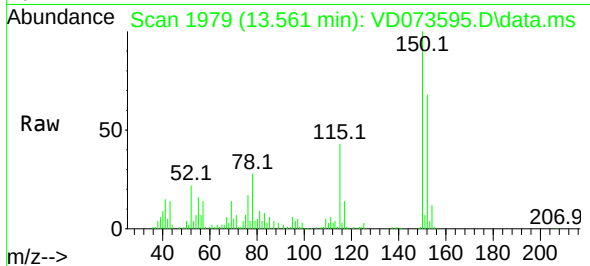




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073595.D
 Acq: 15 Jun 2022 17:02

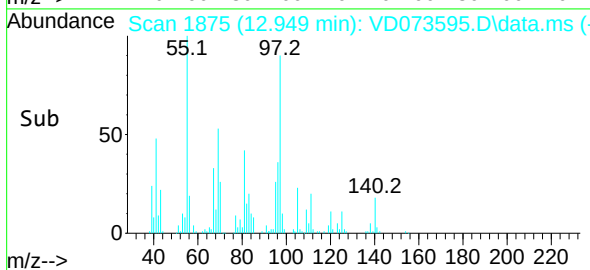
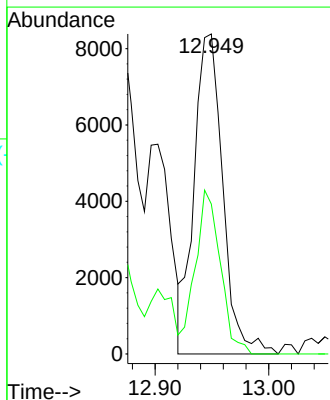
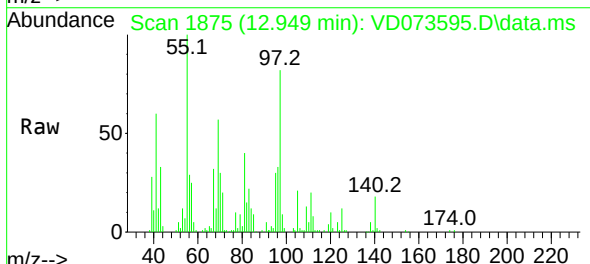
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 MSVOA_D
 ClientSampleId :
 WC-14A-1A-10-G

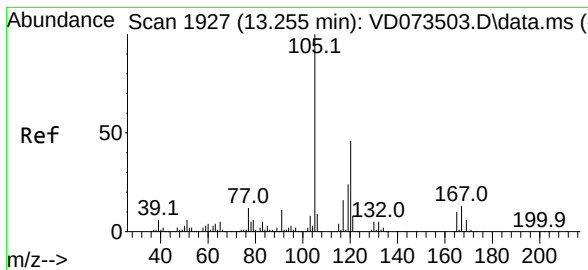
Tgt Ion:152 Resp: 80486
 Ion Ratio Lower Upper
 152 100
 115 59.3 31.3 93.8
 150 149.8 0.0 348.6



#80
 1,3,5-Trimethylbenzene
 Concen: 3.060 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD073595.D
 Acq: 15 Jun 2022 17:02

Tgt Ion:105 Resp: 14722
 Ion Ratio Lower Upper
 105 100
 120 44.9 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 2.586 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073595.D

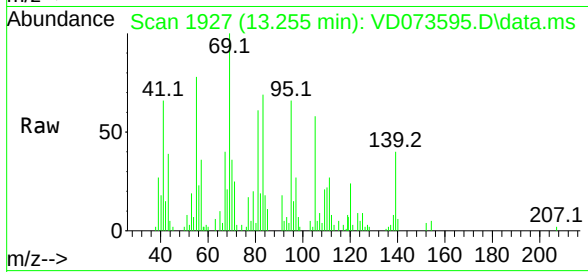
Acq: 15 Jun 2022 17:02

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-10-G



Tgt Ion:105 Resp: 12417

Ion Ratio Lower Upper

105 100

120 48.7 22.3 66.8

