

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049618.D
 Acq On : 05 Jul 2022 15:11
 Operator : SY/MD
 Sample : N3564-35
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-3-GR

Quant Time: Jul 06 07:48:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

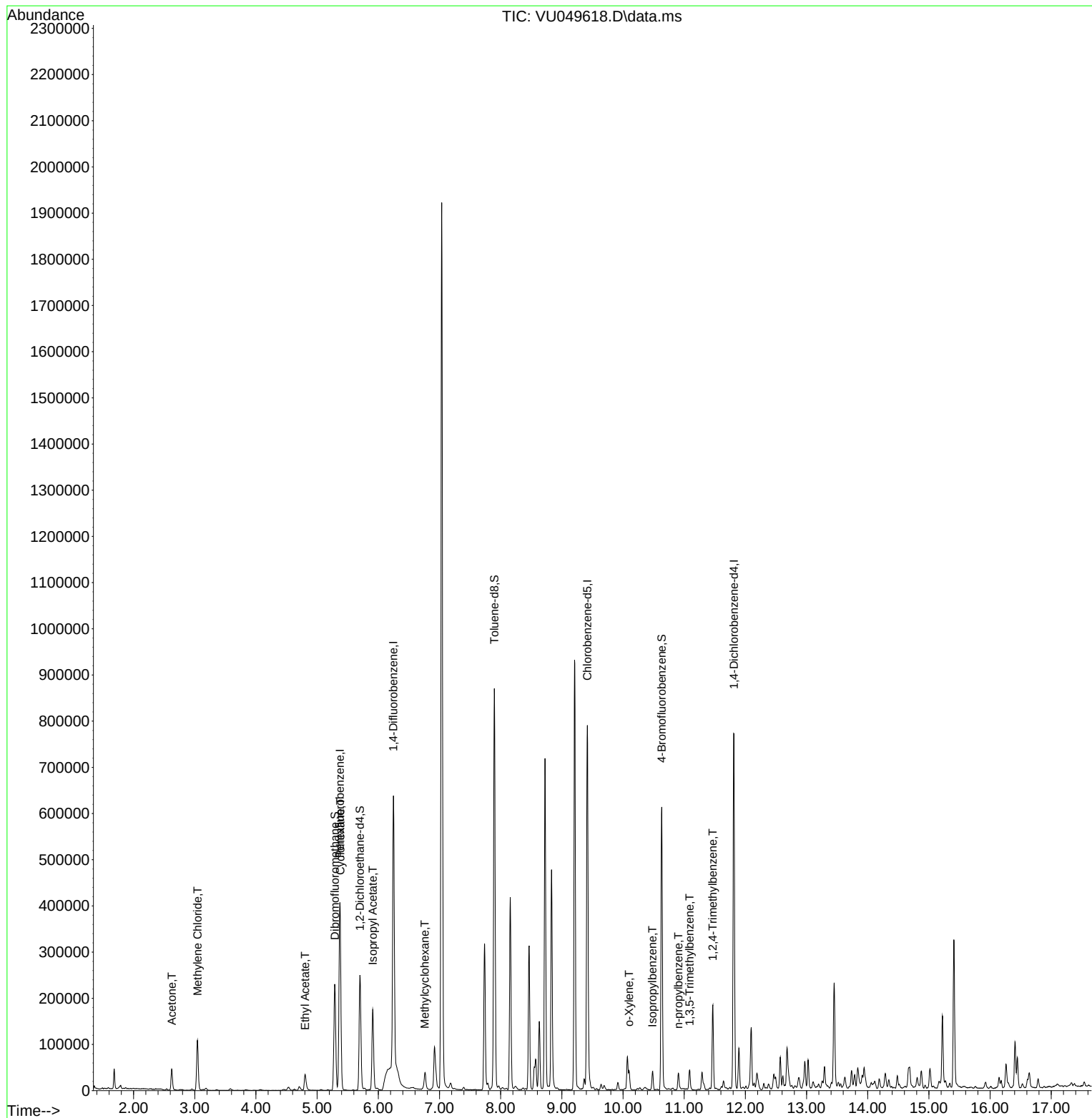
Internal Standards						
1) Pentafluorobenzene	5.372	168	274913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	476054	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	428111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	201289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	182944	43.210	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.420%		
35) Dibromofluoromethane	5.288	113	149842	44.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.980%		
50) Toluene-d8	7.896	98	571308	48.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.180%		
62) 4-Bromofluorobenzene	10.632	95	208629	45.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds						
						Qvalue
16) Acetone	2.623	43	50848	23.815	ug/l	99
20) Methylene Chloride	3.044	84	50197	13.582	ug/l	88
31) Cyclohexane	5.378	56	15841	2.492	ug/l #	58
37) Ethyl Acetate	4.803	43	45973	6.967	ug/l #	93
39) Methylcyclohexane	6.761	83	13418	2.318	ug/l	92
43) Isopropyl Acetate	5.909	43	180094	18.625	ug/l	98
69) o-Xylene	10.099	106	9819	1.664	ug/l	88
73) Isopropylbenzene	10.481	105	24954	1.740	ug/l	95
78) n-propylbenzene	10.906	91	27480	1.577	ug/l	96
80) 1,3,5-Trimethylbenzene	11.089	105	24242	1.937	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	101813	8.279	ug/l	92

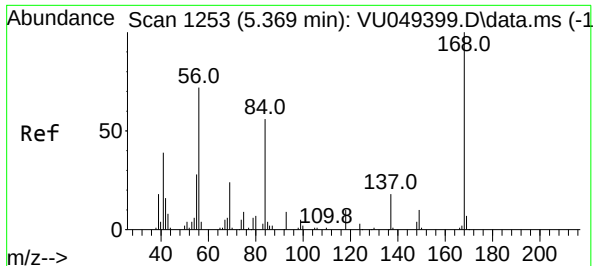
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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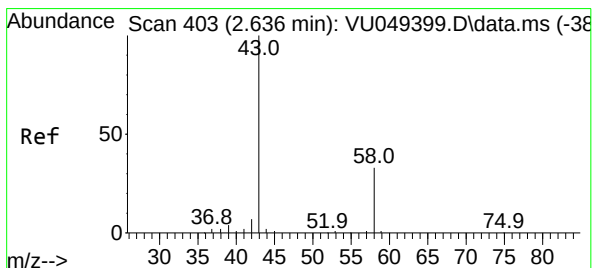
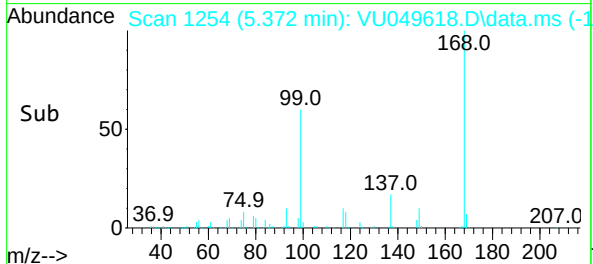
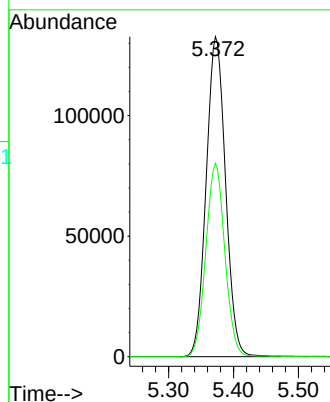
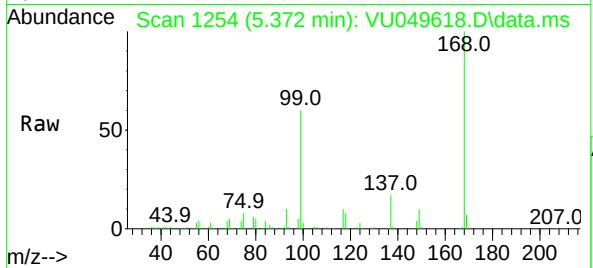




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

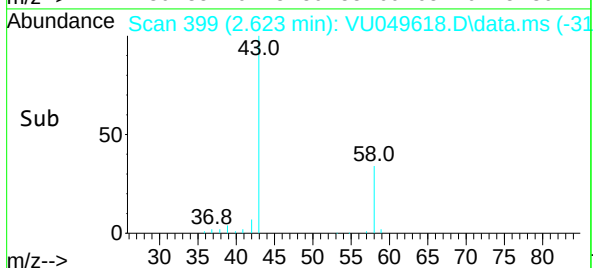
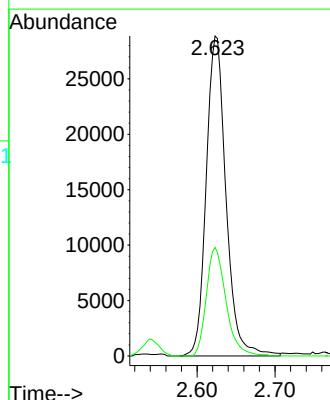
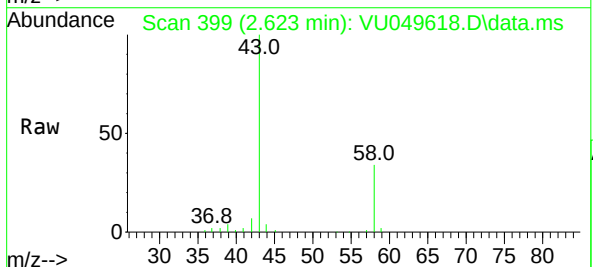
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

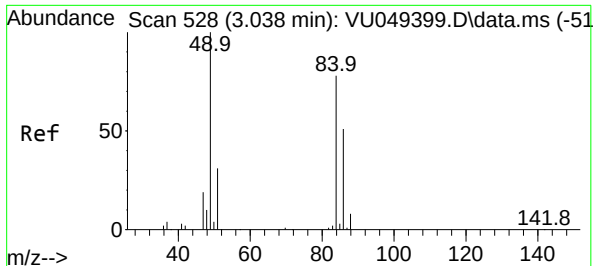
Tgt Ion:168 Resp: 274913
Ion Ratio Lower Upper
168 100
99 60.5 39.3 58.9#



#16
Acetone
Concen: 23.815 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.013 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

Tgt Ion: 43 Resp: 50848
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3

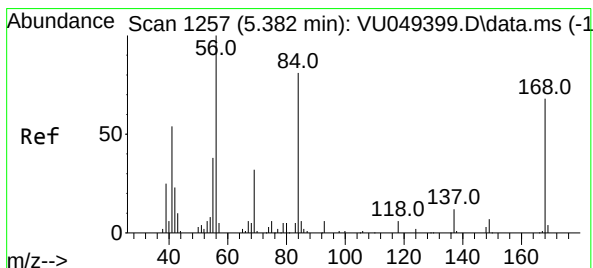
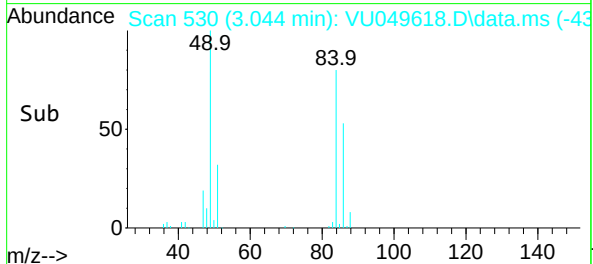
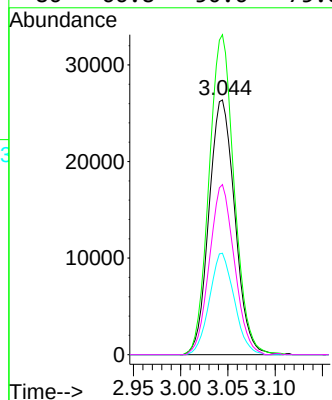
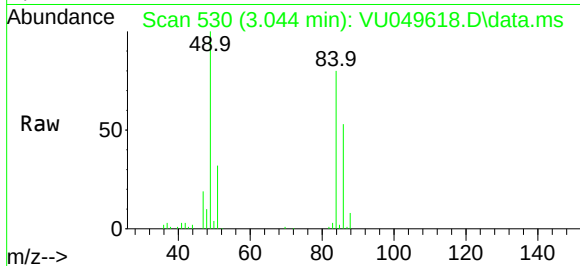




#20
Methylene Chloride
Concen: 13.582 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

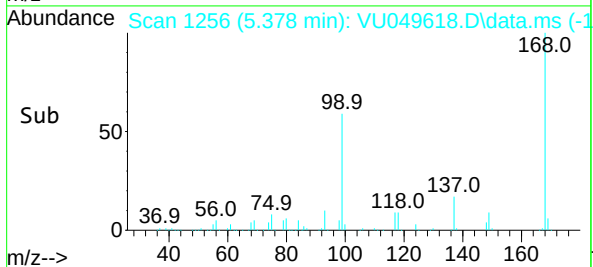
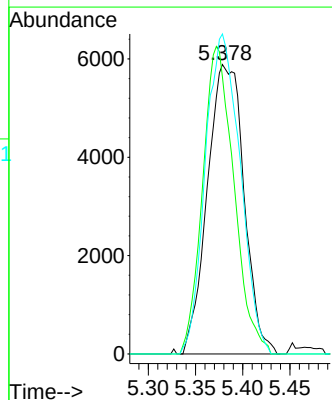
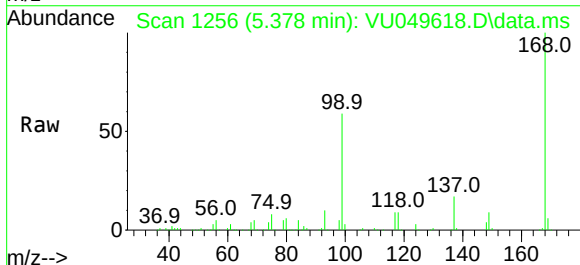
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

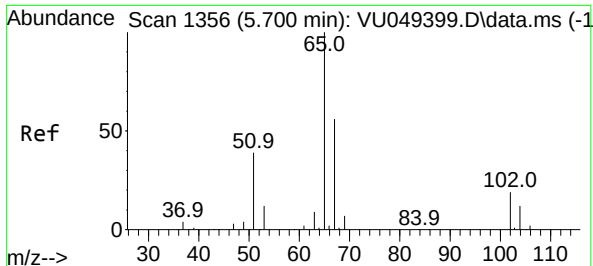
Tgt Ion:	84	Resp:	50197
Ion	Ratio	Lower	Upper
84	100		
49	125.6	86.6	129.8
51	39.8	26.6	40.0
86	66.8	50.6	75.8



#31
Cyclohexane
Concen: 2.492 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

Tgt Ion:	56	Resp:	15841
Ion	Ratio	Lower	Upper
56	100		
69	95.7	27.8	41.8#
84	110.6	74.2	111.4





#33

1,2-Dichloroethane-d4

Concen: 43.210 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049618.D

Acq: 05 Jul 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

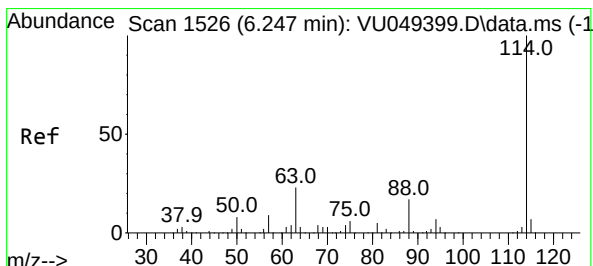
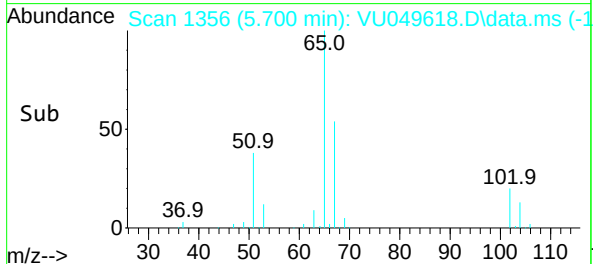
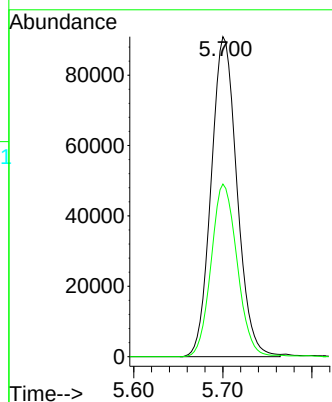
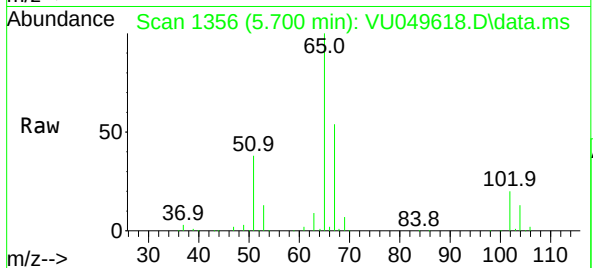
WC-16-2-3-GR

Tgt Ion: 65 Resp: 182944

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VU049618.D

Acq: 05 Jul 2022 15:11

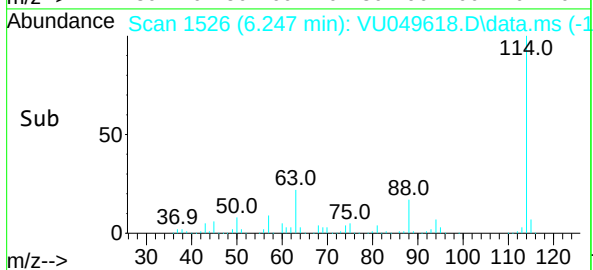
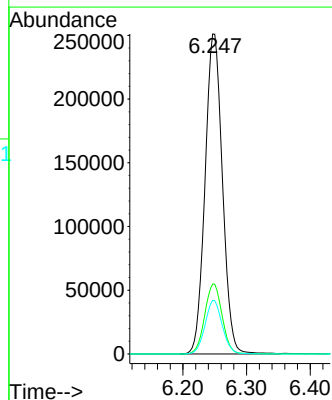
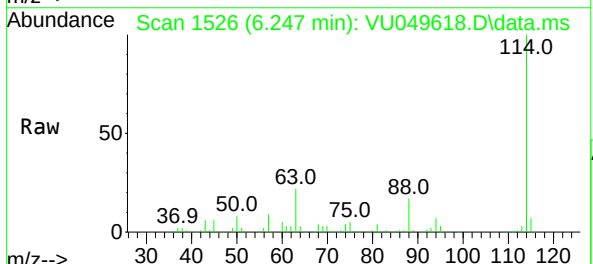
Tgt Ion: 114 Resp: 476054

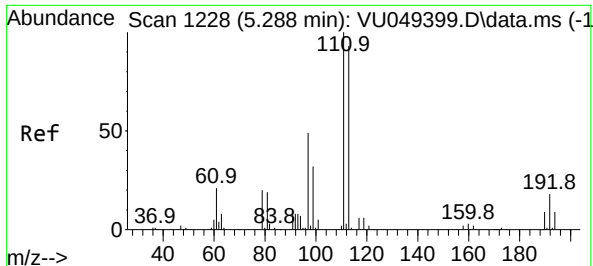
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

88 16.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 44.990 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049618.D

Acq: 05 Jul 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

WC-16-2-3-GR

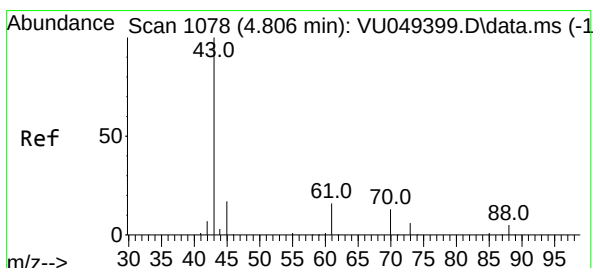
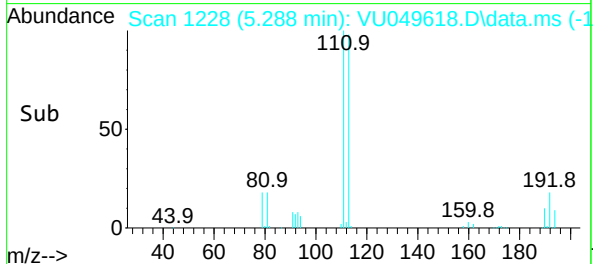
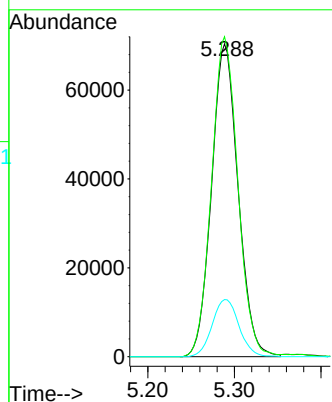
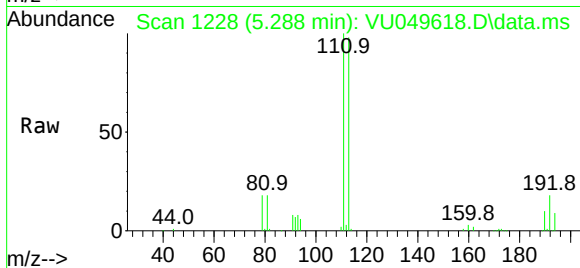
Tgt Ion:113 Resp: 149842

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 18.5 18.0 27.0



#37

Ethyl Acetate

Concen: 6.967 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VU049618.D

Acq: 05 Jul 2022 15:11

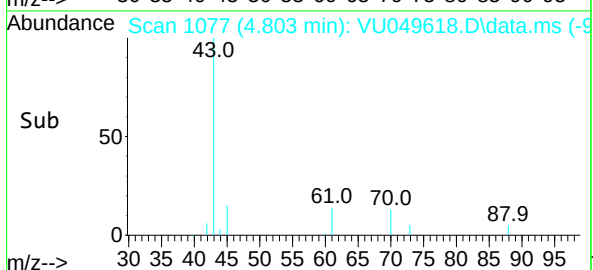
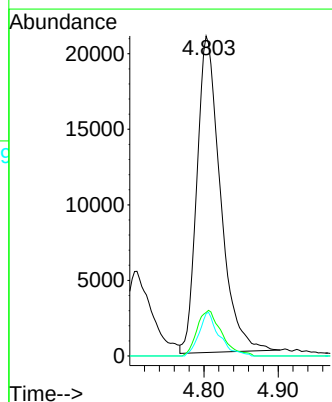
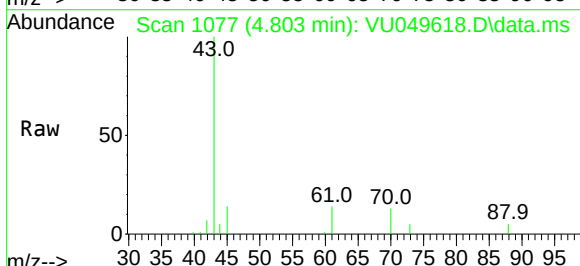
Tgt Ion: 43 Resp: 45973

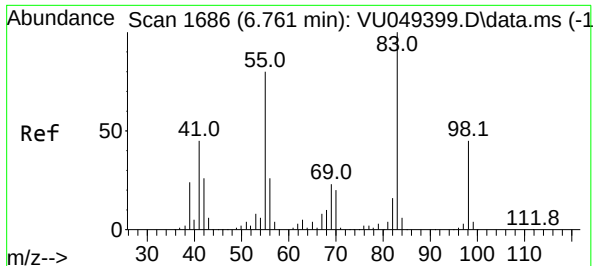
Ion Ratio Lower Upper

43 100

61 15.0 9.5 14.3#

70 11.8 7.5 11.3#





#39

Methylcyclohexane

Concen: 2.318 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049618.D

Acq: 05 Jul 2022 15:11

Instrument :

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WC-16-2-3-GR

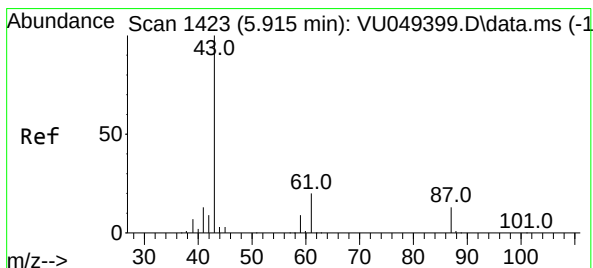
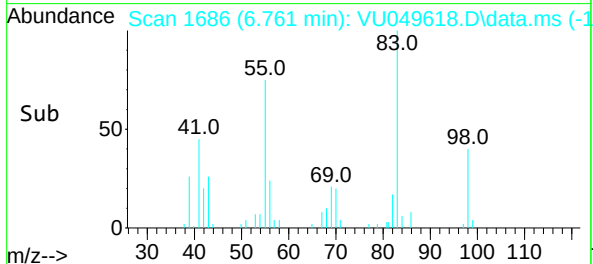
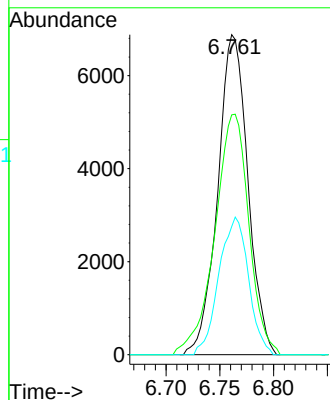
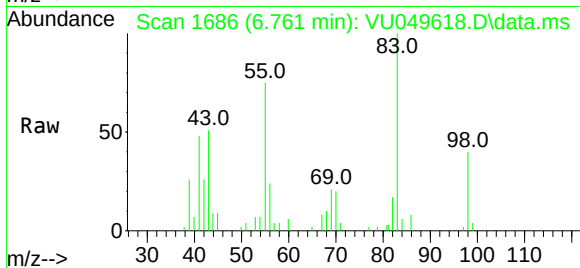
Tgt Ion: 83 Resp: 13418

Ion Ratio Lower Upper

83 100

55 75.0 55.3 82.9

98 40.1 37.3 55.9



#43

Isopropyl Acetate

Concen: 18.625 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VU049618.D

Acq: 05 Jul 2022 15:11

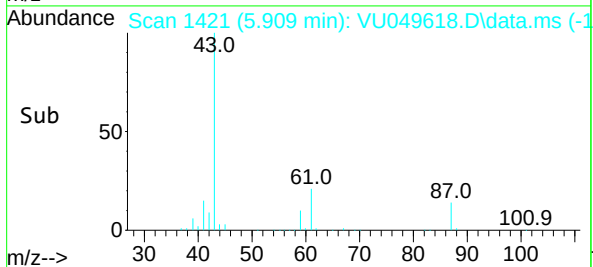
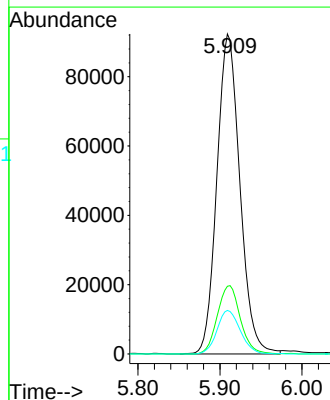
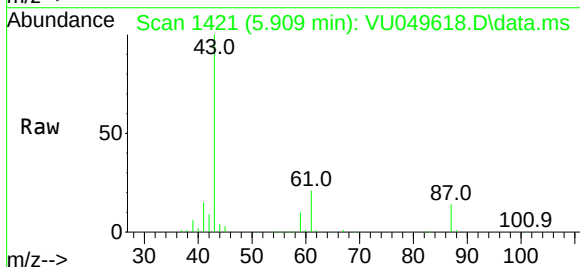
Tgt Ion: 43 Resp: 180094

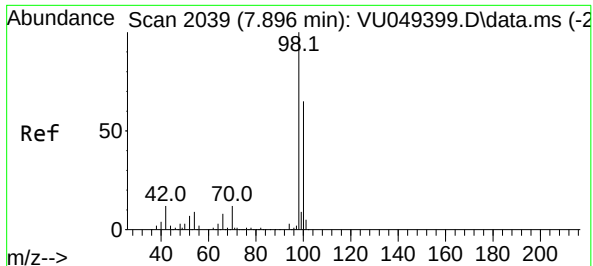
Ion Ratio Lower Upper

43 100

61 21.3 17.4 26.0

87 13.8 12.6 18.8

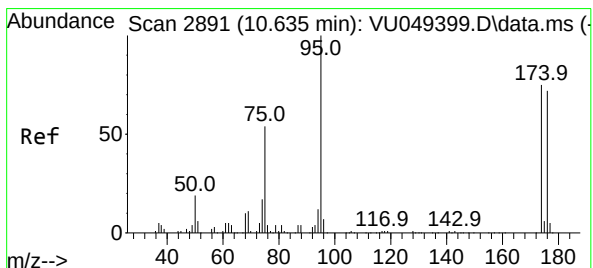
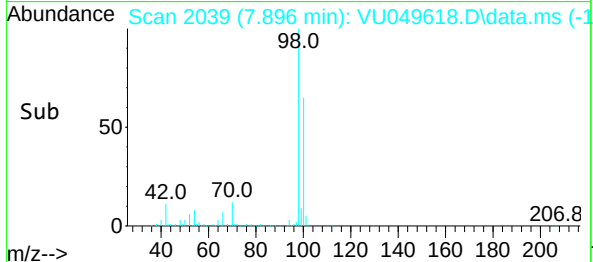
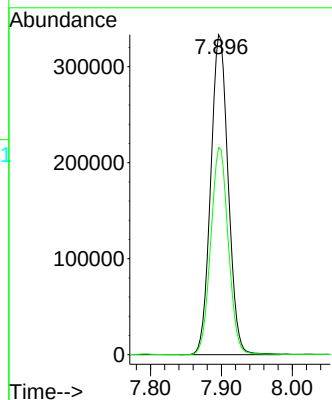
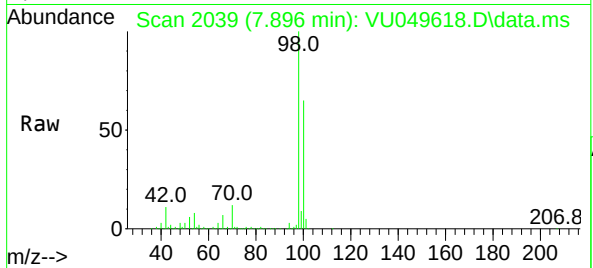




#50
Toluene-d8
Concen: 48.093 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

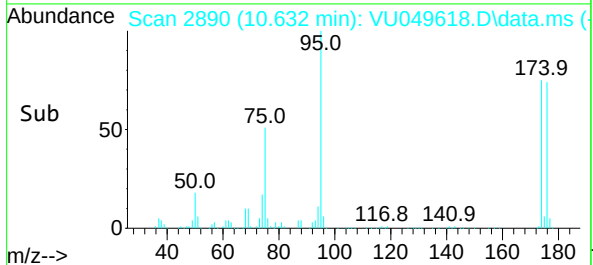
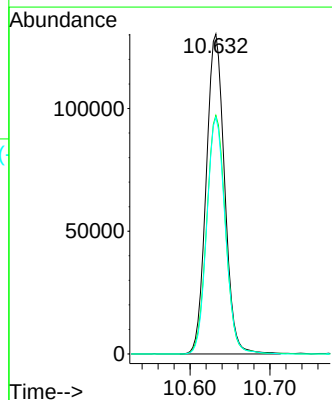
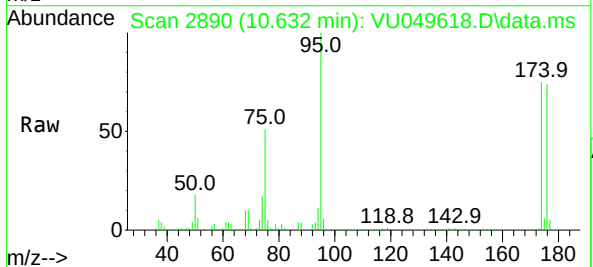
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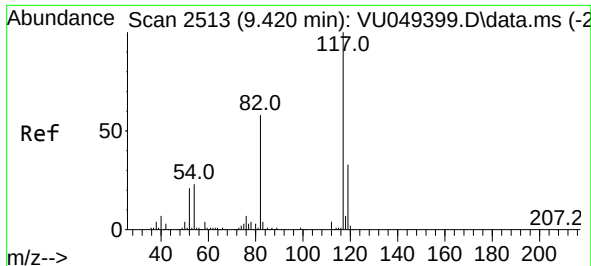
Tgt Ion: 98 Resp: 571308
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.847 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

Tgt Ion: 95 Resp: 208629
Ion Ratio Lower Upper
95 100
174 76.0 0.0 182.0
176 74.4 0.0 177.8

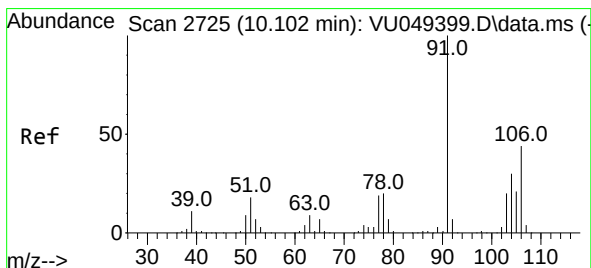
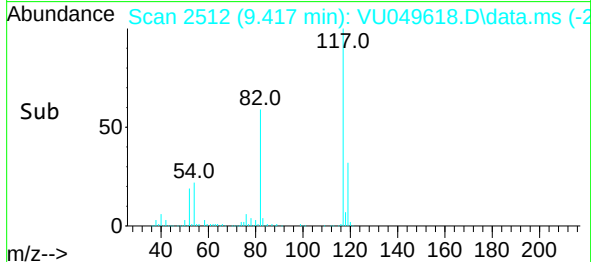
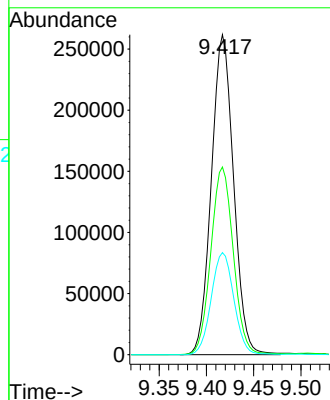
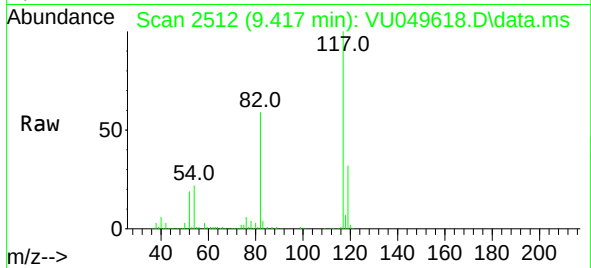




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

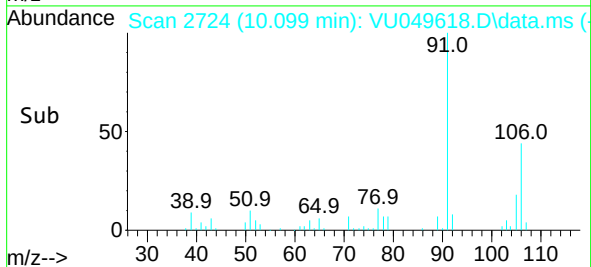
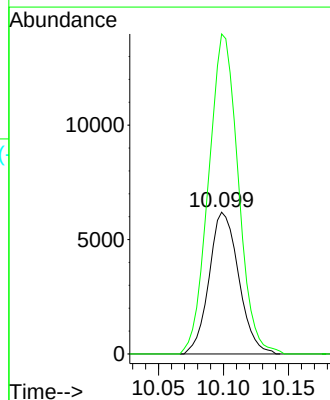
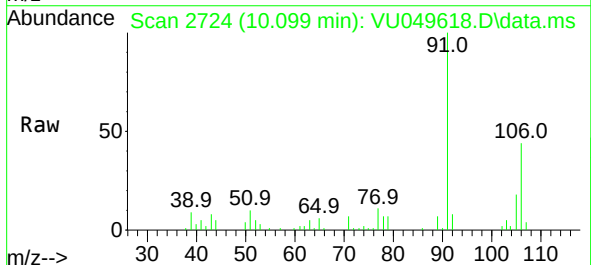
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

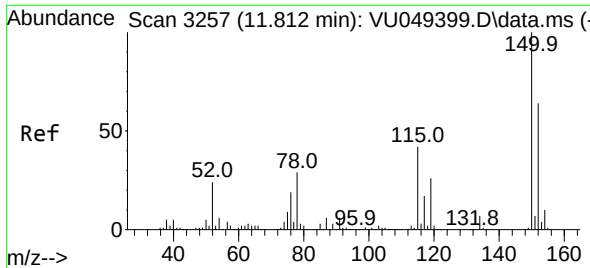
Tgt Ion:117 Resp: 428111
Ion Ratio Lower Upper
117 100
82 58.6 41.7 62.5
119 31.9 25.7 38.5



#69
o-Xylene
Concen: 1.664 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

Tgt Ion:106 Resp: 9819
Ion Ratio Lower Upper
106 100
91 226.3 103.5 310.5

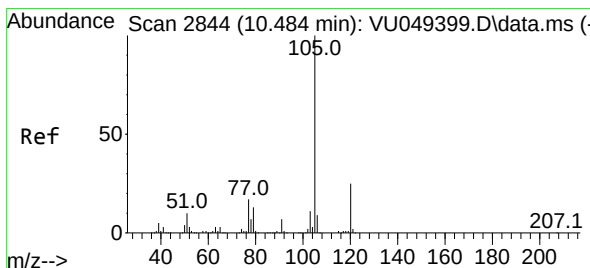
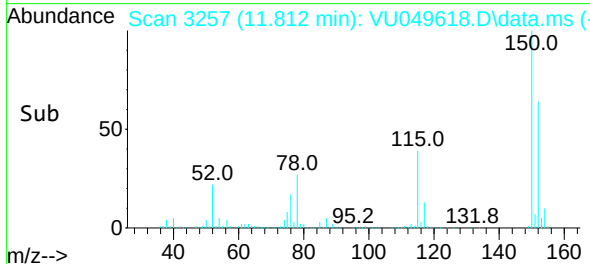
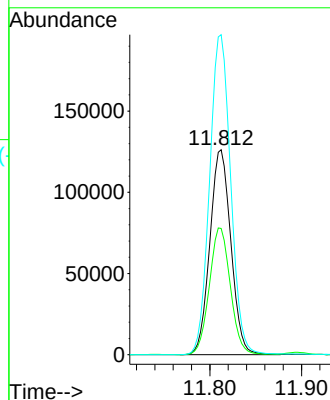
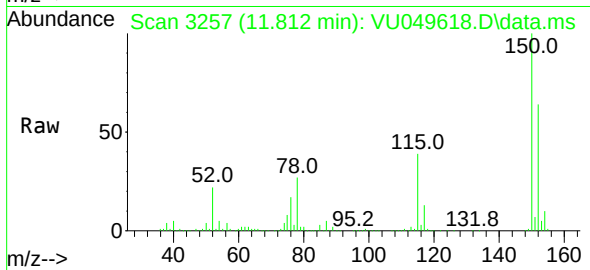




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

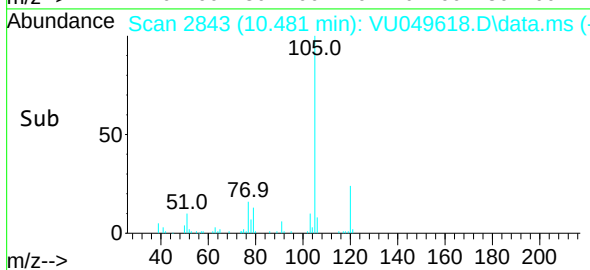
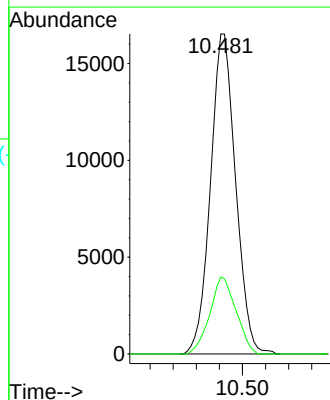
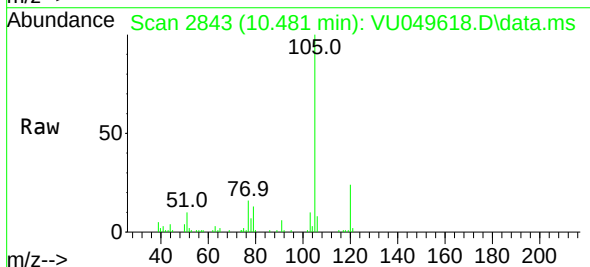
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MSVOA_U
ClientSampleId :
WC-16-2-3-GR

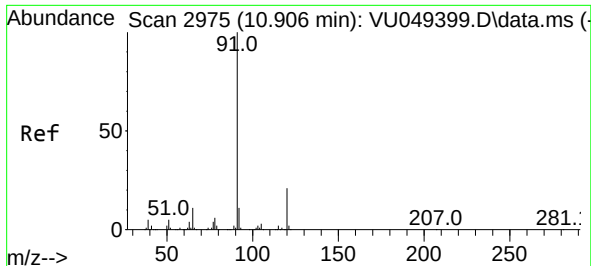
Tgt Ion:152 Resp: 201289
Ion Ratio Lower Upper
152 100
115 61.9 37.0 110.9
150 156.8 0.0 342.2



#73
Isopropylbenzene
Concen: 1.740 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

Tgt Ion:105 Resp: 24954
Ion Ratio Lower Upper
105 100
120 25.0 13.8 41.4

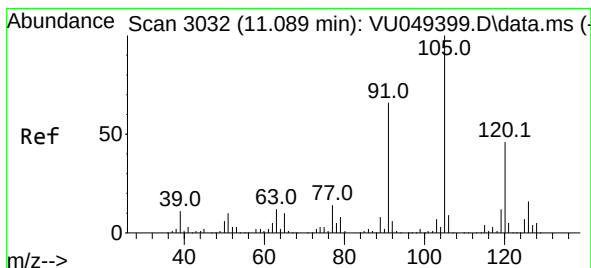
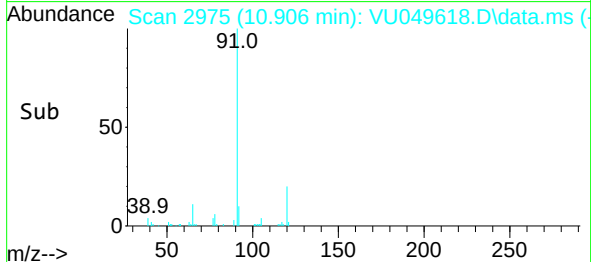
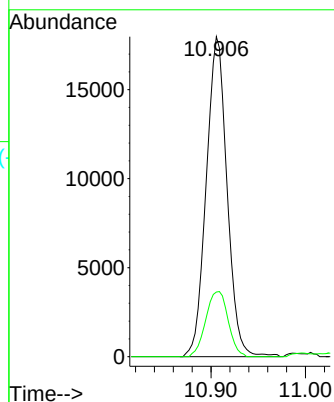
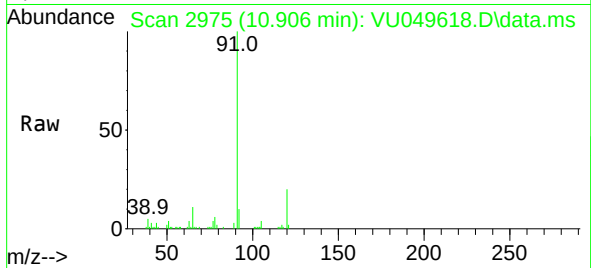




#78
n-propylbenzene
Concen: 1.577 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

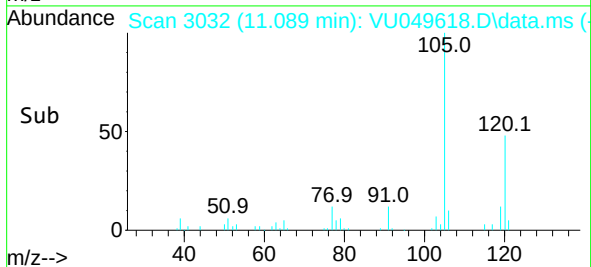
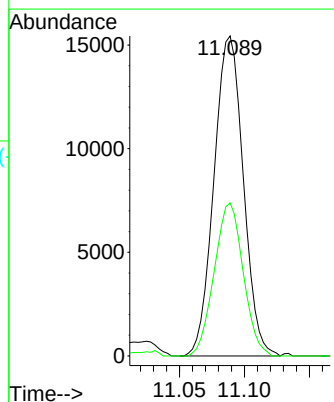
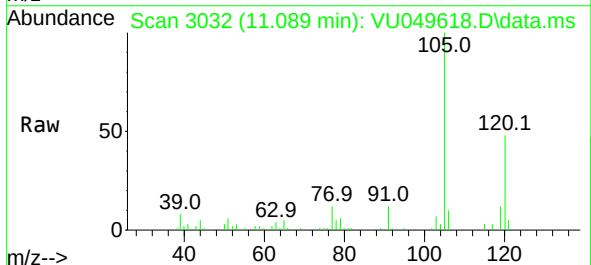
Instrument :
MSVOA_U
ClientSampleId :
WC-16-2-3-GR

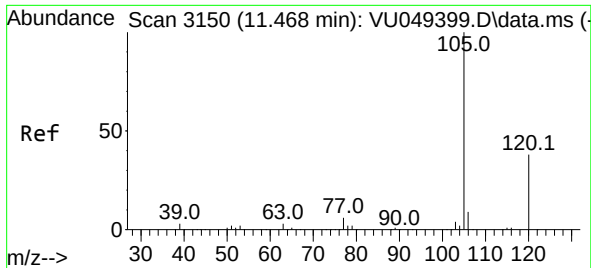
Tgt Ion: 91 Resp: 27480
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 1.937 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049618.D
Acq: 05 Jul 2022 15:11

Tgt Ion: 105 Resp: 24242
Ion Ratio Lower Upper
105 100
120 47.1 25.3 75.9





#84
 1,2,4-Trimethylbenzene
 Concen: 8.279 ug/l
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049618.D
 Acq: 05 Jul 2022 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-16-2-3-GR

Tgt Ion:105 Resp: 101813
 Ion Ratio Lower Upper
 105 100
 120 41.9 23.4 70.3

