

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049521.D
 Acq On : 29 Jun 2022 18:18
 Operator : SY/MD
 Sample : N3457-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP02-20220617

Quant Time: Jun 30 00:49:39 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)

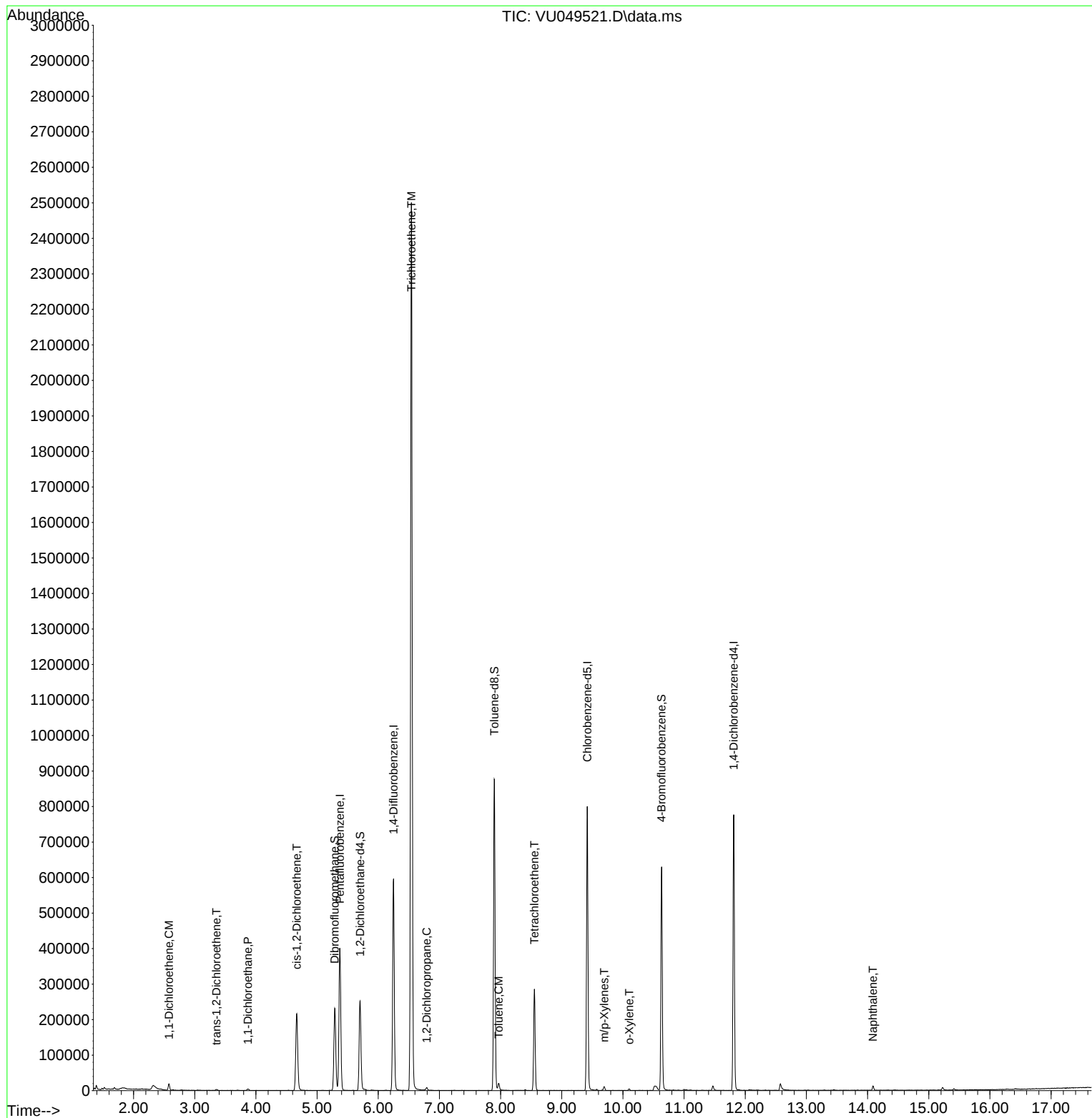
Internal Standards						
1) Pentafluorobenzene	5.372	168	272833	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	477715	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	435559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	202742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	188247	44.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.600%
35) Dibromofluoromethane	5.288	113	149069	44.602	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	7.899	98	577411	48.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.880%
62) 4-Bromofluorobenzene	10.632	95	213454	46.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	5969	2.014	ug/l	# 83
21) trans-1,2-Dichloroethene	3.353	96	1069	0.335	ug/l	91
24) 1,1-Dichloroethane	3.871	63	5097	0.776	ug/l	# 93
27) cis-1,2-Dichloroethene	4.668	96	113827	30.840	ug/l	99
44) Trichloroethene	6.542	130	828546	238.213	ug/l	88
45) 1,2-Dichloropropane	6.793	63	3119	0.769	ug/l	100
52) Toluene	7.970	92	7647	0.879	ug/l	97
64) Tetrachloroethene	8.552	164	63069	22.576	ug/l	96
68) m/p-Xylenes	9.697	106	2916	0.482	ug/l	76
69) o-Xylene	10.102	106	1274	0.212	ug/l	97
95) Naphthalene	14.089	128	10040	2.347	ug/l	99

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

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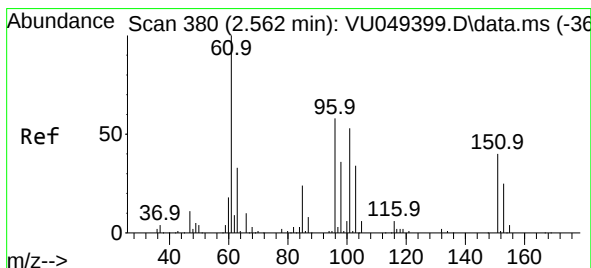
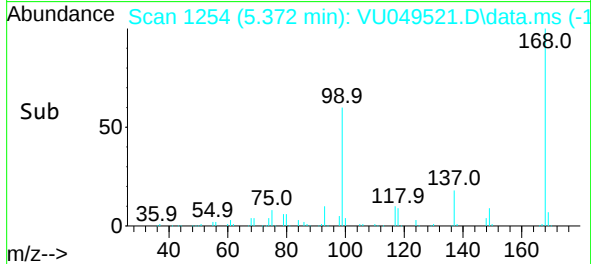
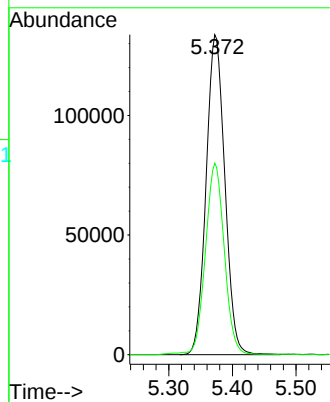
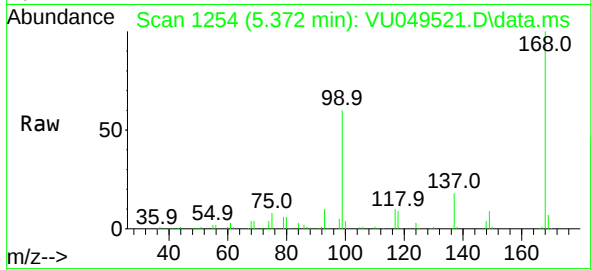




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

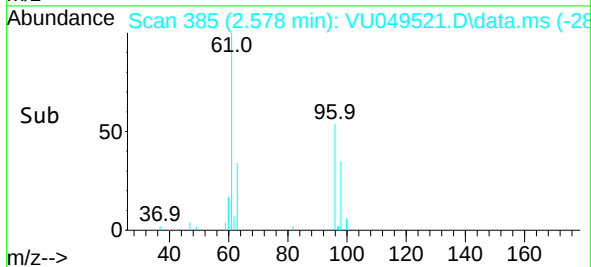
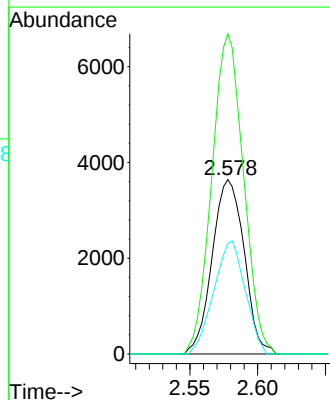
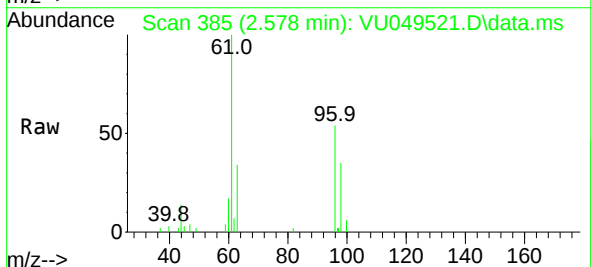
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220617

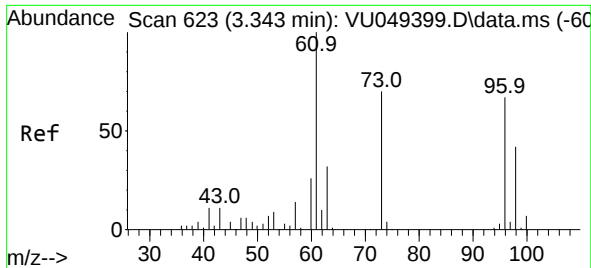
Tgt Ion:168 Resp: 272833
Ion Ratio Lower Upper
168 100
99 59.7 39.3 58.9#



#12
1,1-Dichloroethene
Concen: 2.014 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.016 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

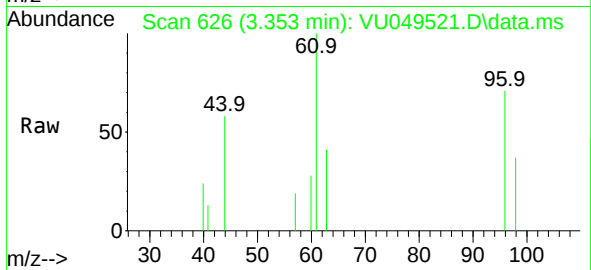
Tgt Ion: 96 Resp: 5969
Ion Ratio Lower Upper
96 100
61 183.5 122.2 183.2#
98 63.4 50.7 76.1



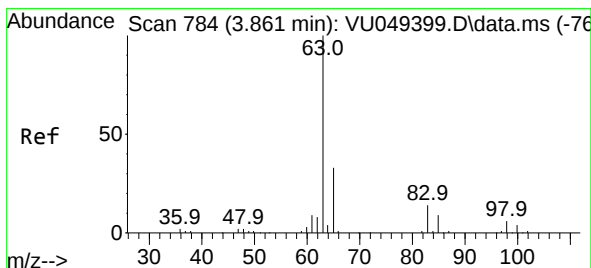
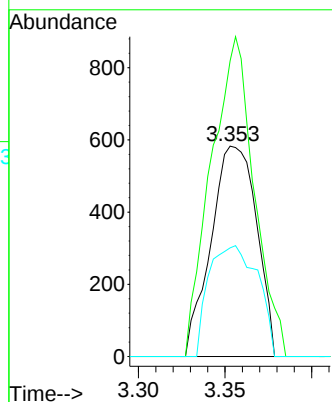
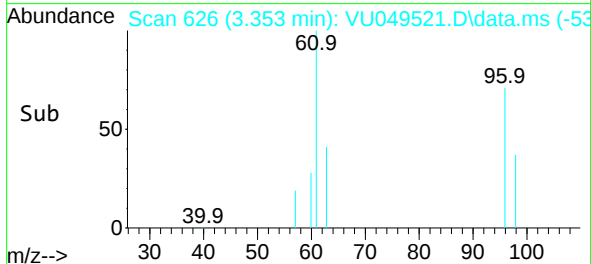


#21
trans-1,2-Dichloroethene
Concen: 0.335 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

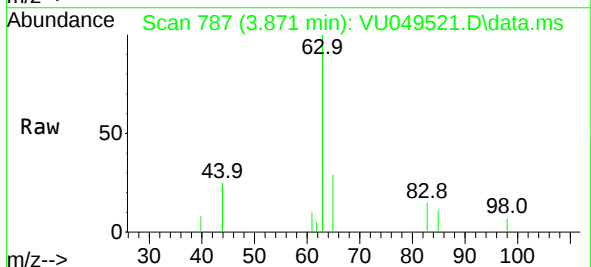
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220617



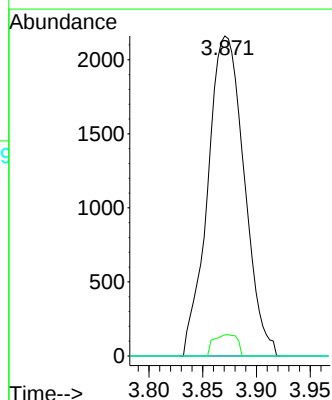
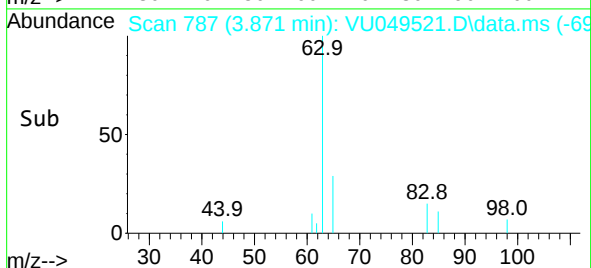
Tgt Ion: 96 Resp: 1069
Ion Ratio Lower Upper
96 100
61 140.5 106.1 159.1
98 51.6 50.8 76.2

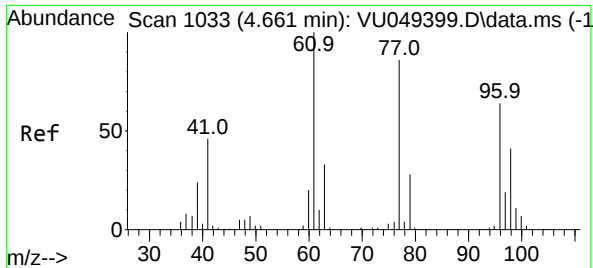


#24
1,1-Dichloroethane
Concen: 0.776 ug/l
RT: 3.871 min Scan# 787
Delta R.T. 0.010 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18



Tgt Ion: 63 Resp: 5097
Ion Ratio Lower Upper
63 100
98 6.6 3.6 10.9
100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 30.840 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VU049521.D

Acq: 29 Jun 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

DUP02-20220617

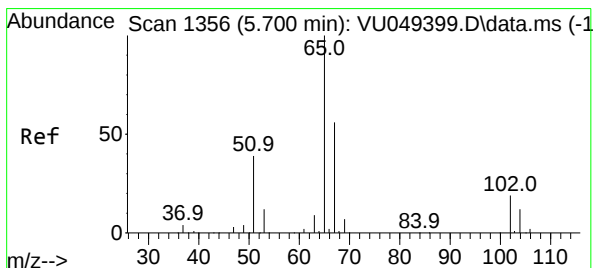
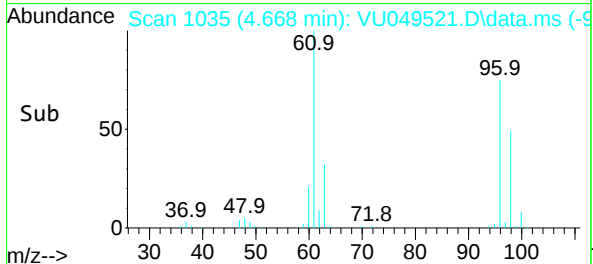
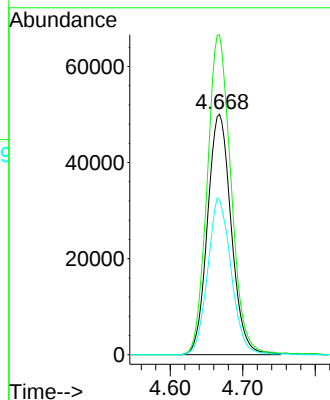
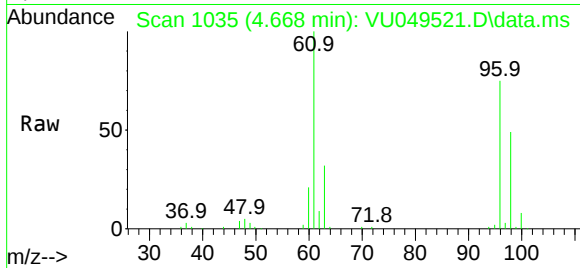
Tgt Ion: 96 Resp: 113827

Ion Ratio Lower Upper

96 100

61 133.4 0.0 271.6

98 64.3 0.0 128.2



#33

1,2-Dichloroethane-d4

Concen: 44.801 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.003 min

Lab File: VU049521.D

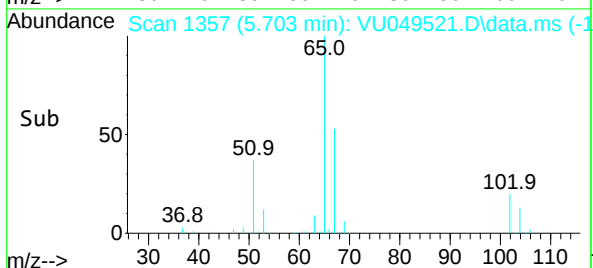
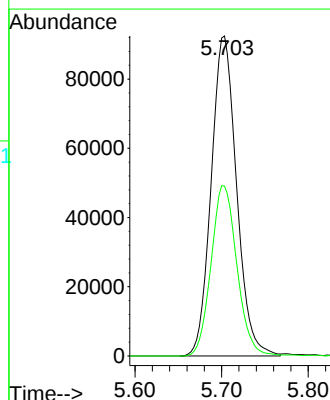
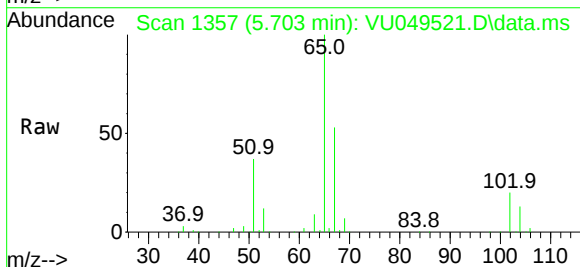
Acq: 29 Jun 2022 18:18

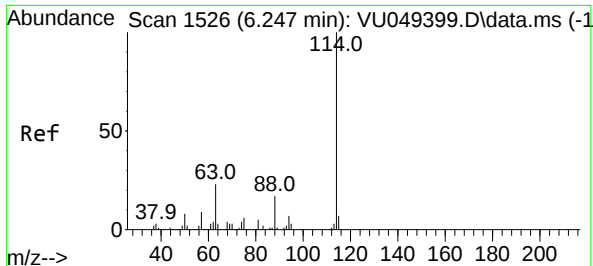
Tgt Ion: 65 Resp: 188247

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU049521.D

Acq: 29 Jun 2022 18:18

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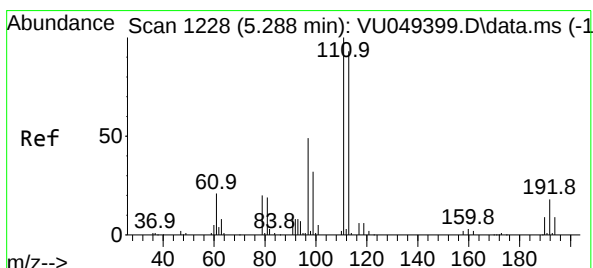
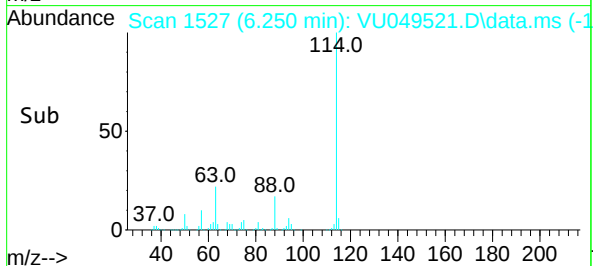
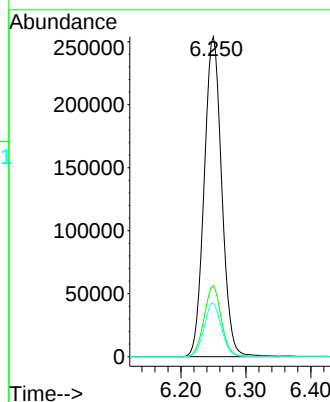
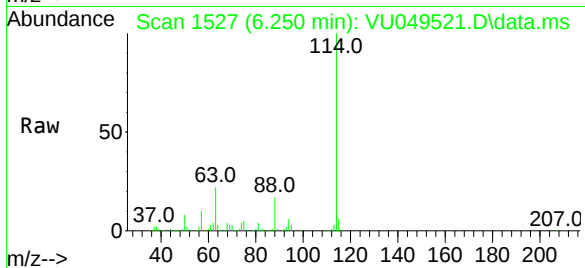
Tgt Ion:114 Resp: 477715

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.8

88 16.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.602 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049521.D

Acq: 29 Jun 2022 18:18

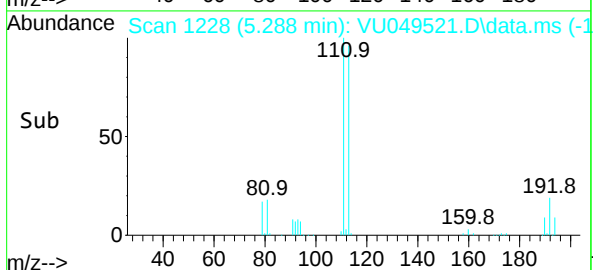
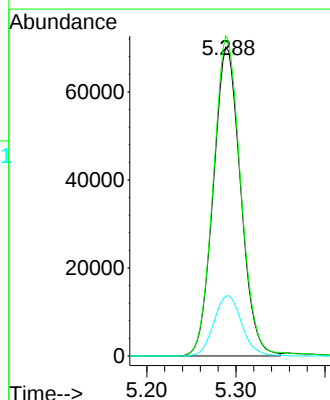
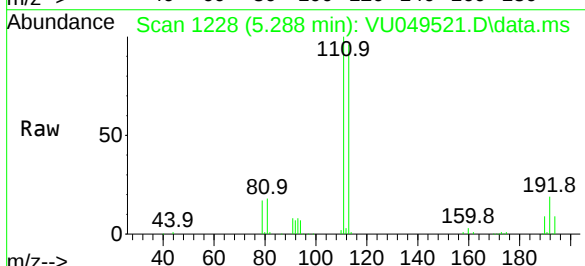
Tgt Ion:113 Resp: 149069

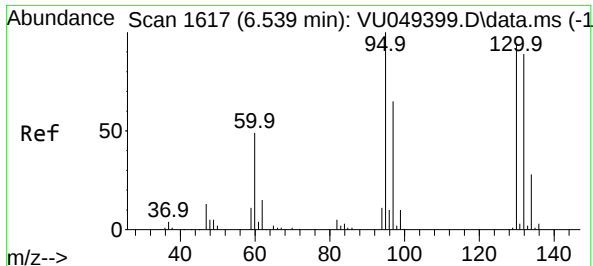
Ion Ratio Lower Upper

113 100

111 104.2 82.1 123.1

192 19.9 18.0 27.0

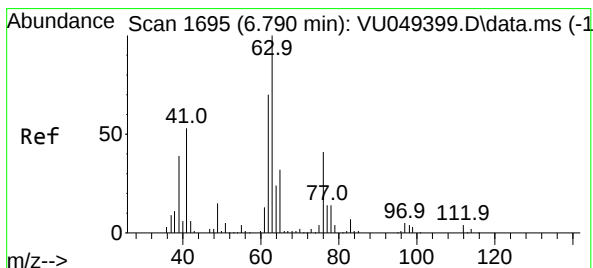
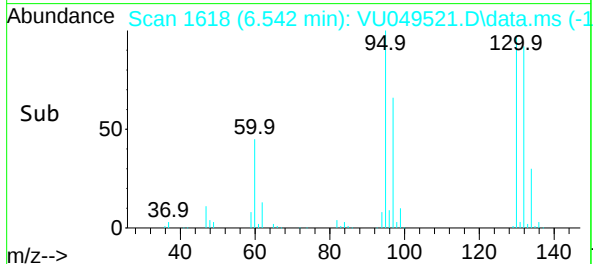
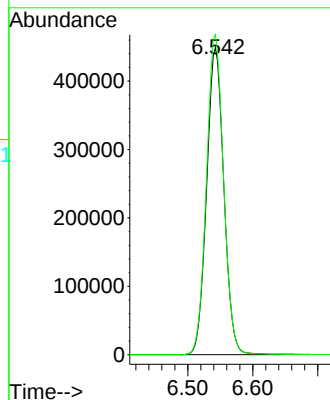
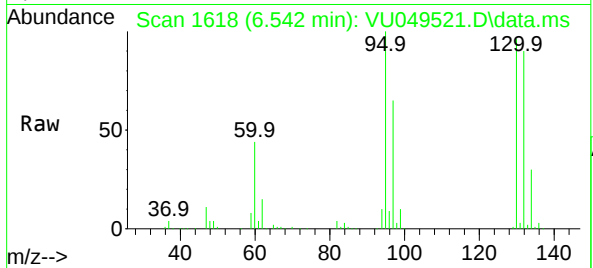




#44
Trichloroethene
Concen: 238.213 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

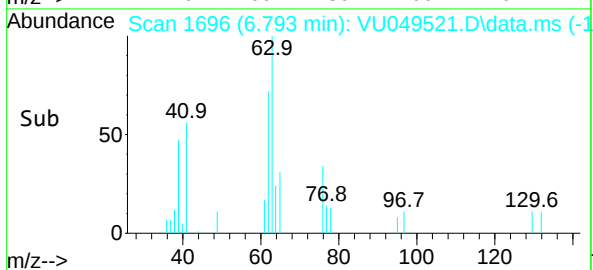
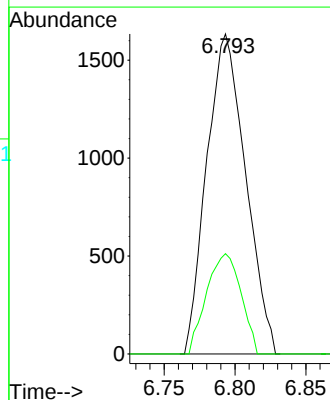
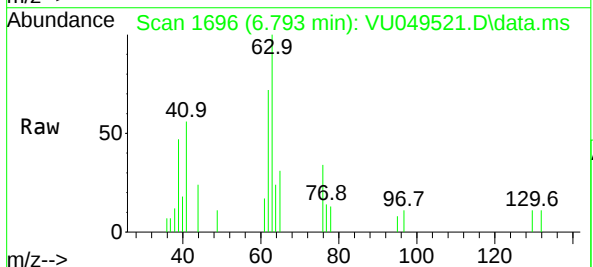
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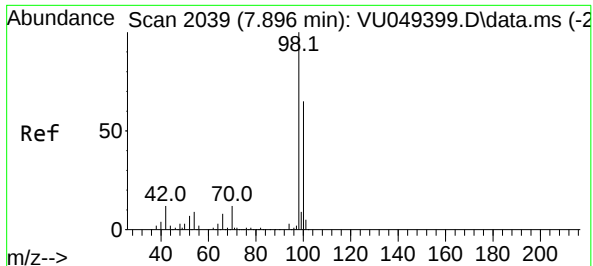
Tgt Ion:130 Resp: 828546
Ion Ratio Lower Upper
130 100
95 104.2 0.0 184.6



#45
1,2-Dichloropropane
Concen: 0.769 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

Tgt Ion: 63 Resp: 3119
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.4

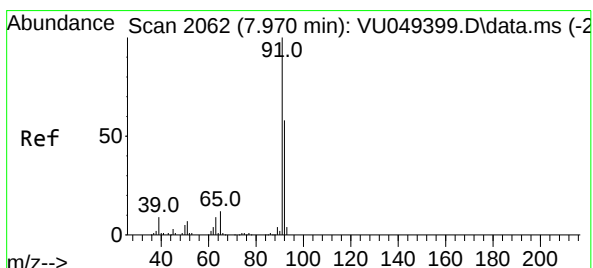
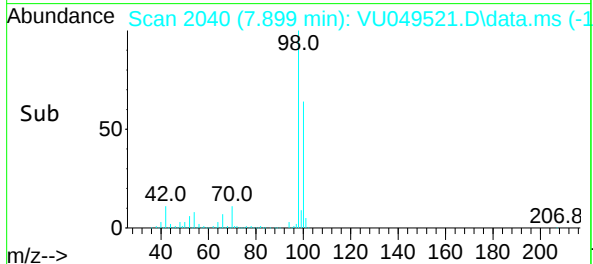
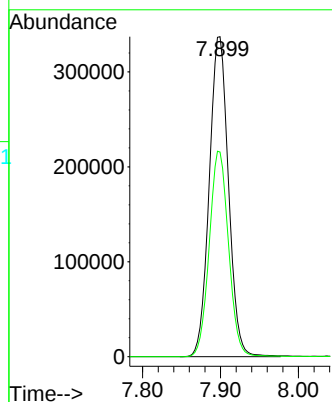
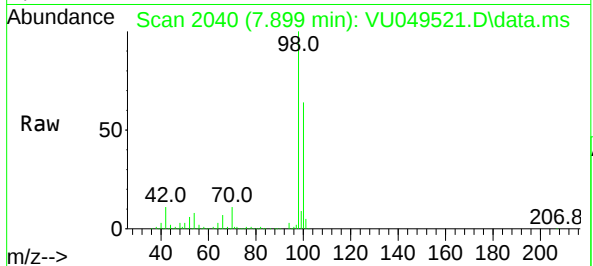




#50
Toluene-d8
Concen: 48.437 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

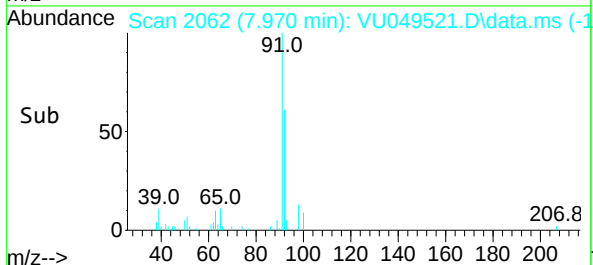
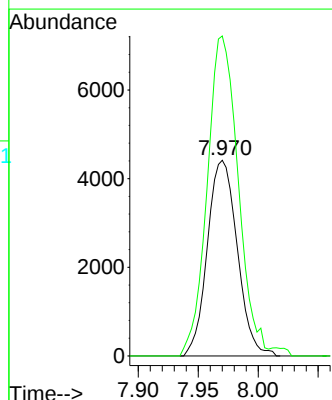
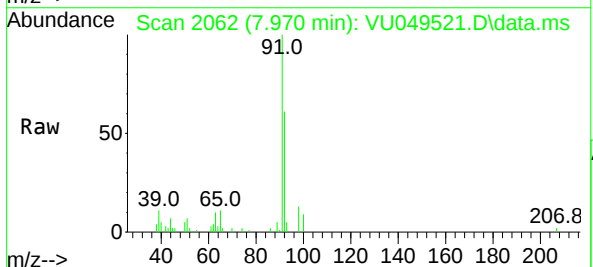
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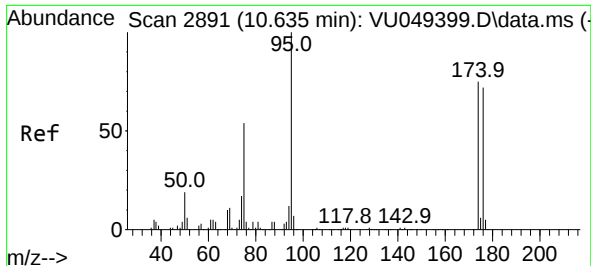
Tgt Ion: 98 Resp: 577411
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#52
Toluene
Concen: 0.879 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

Tgt Ion: 92 Resp: 7647
Ion Ratio Lower Upper
92 100
91 169.2 138.2 207.4

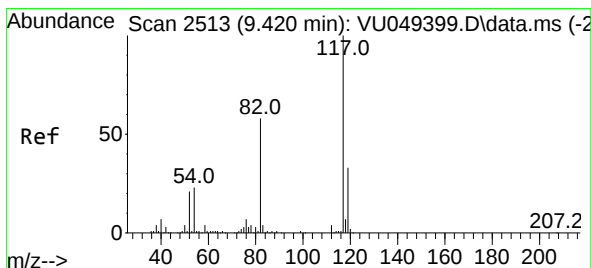
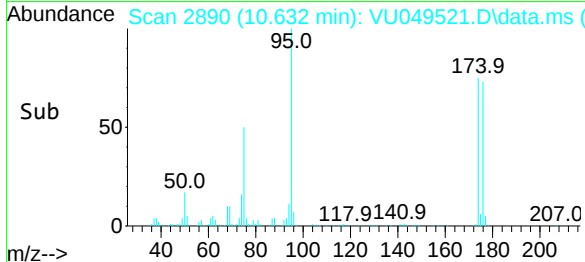
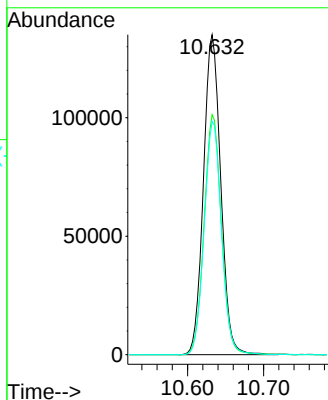
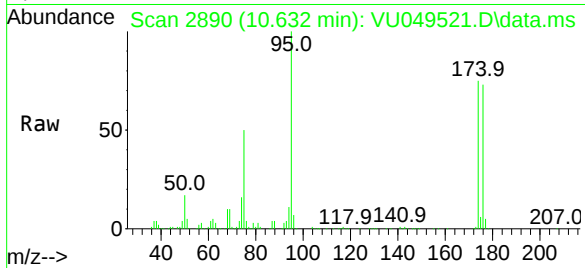




#62
4-Bromofluorobenzene
Concen: 46.744 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

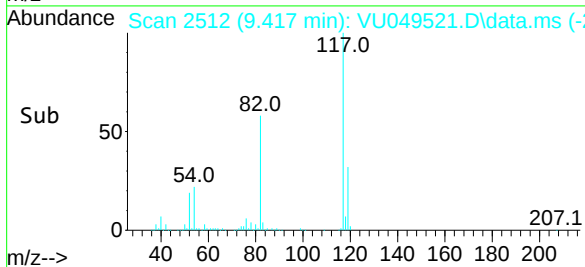
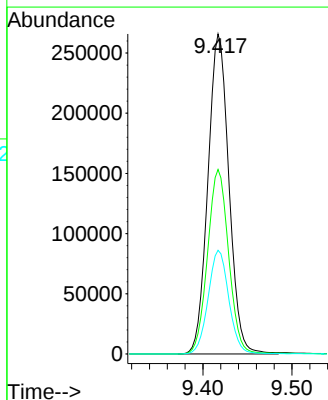
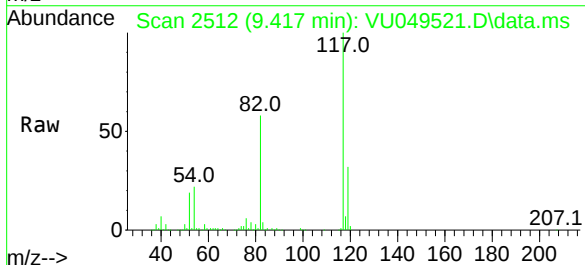
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220617

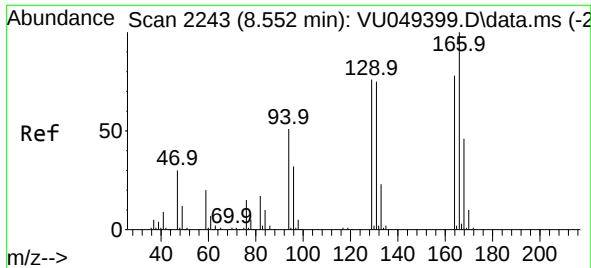
Tgt Ion: 95 Resp: 213454
Ion Ratio Lower Upper
95 100
174 75.2 0.0 182.0
176 72.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

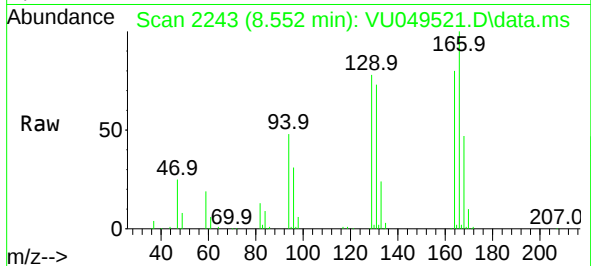
Tgt Ion: 117 Resp: 435559
Ion Ratio Lower Upper
117 100
82 57.7 41.7 62.5
119 32.4 25.7 38.5



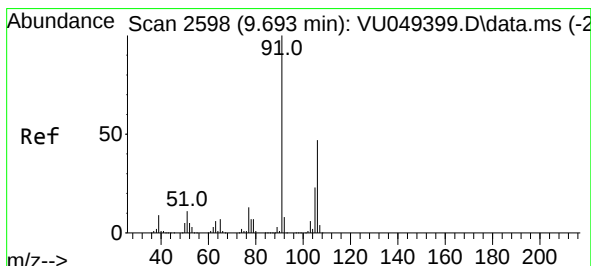
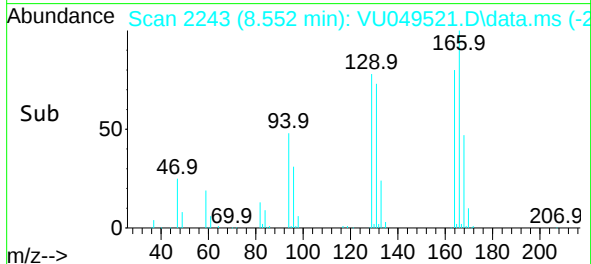
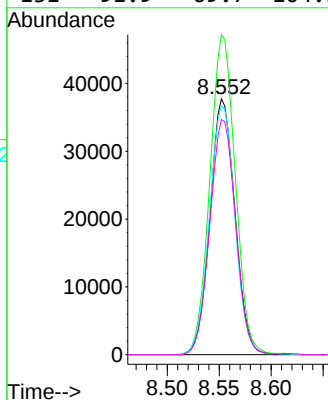


#64
Tetrachloroethene
Concen: 22.576 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220617

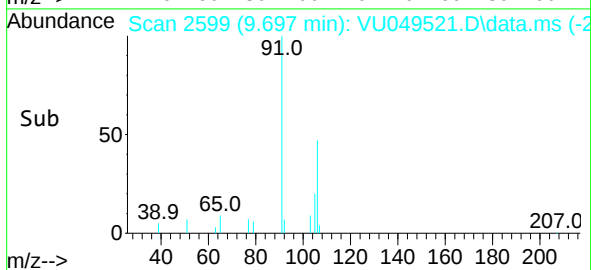
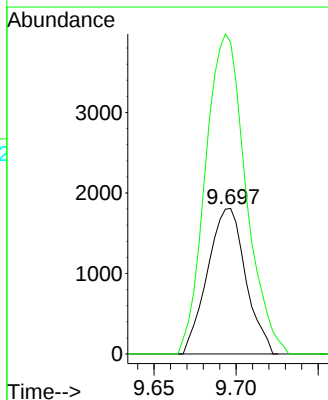
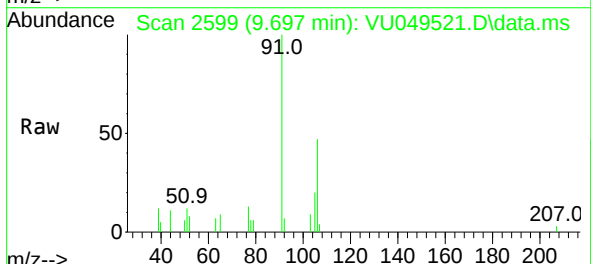


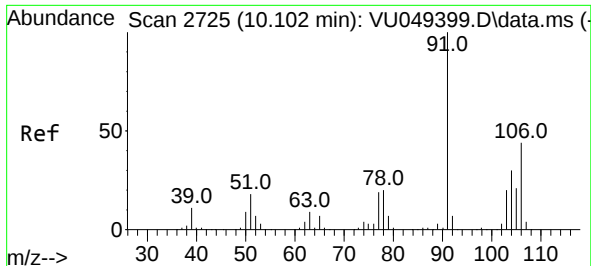
Tgt Ion:164	Resp:	63069
Ion	Ratio	Lower Upper
164	100	
166	125.1	100.0 150.0
129	97.3	72.0 108.0
131	91.9	69.7 104.5



#68
m/p-Xylenes
Concen: 0.482 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

Tgt Ion:106	Resp:	2916
Ion	Ratio	Lower Upper
106	100	
91	232.3	157.2 235.8

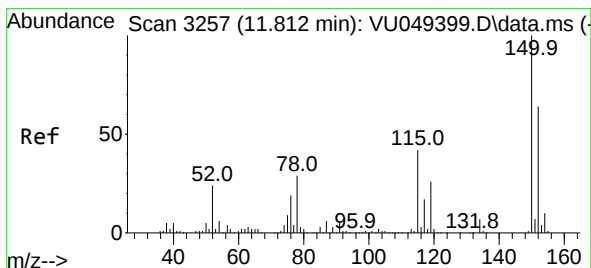
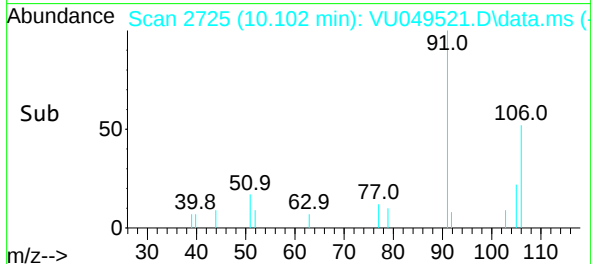
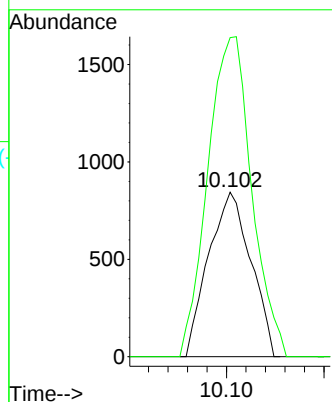
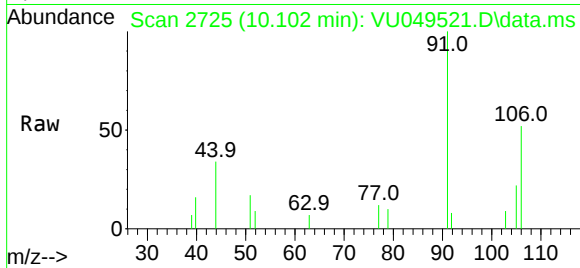




#69
o-Xylene
Concen: 0.212 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

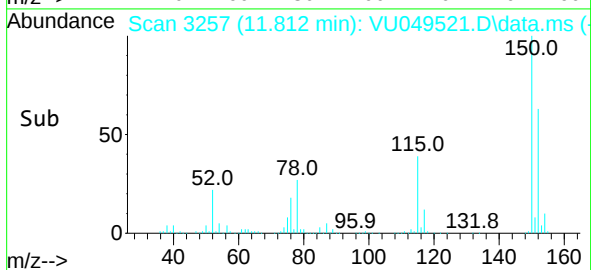
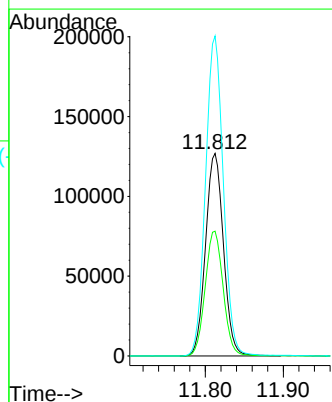
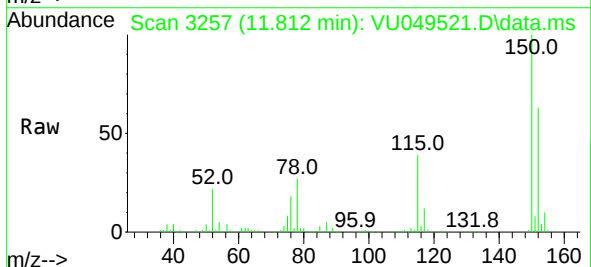
Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220617

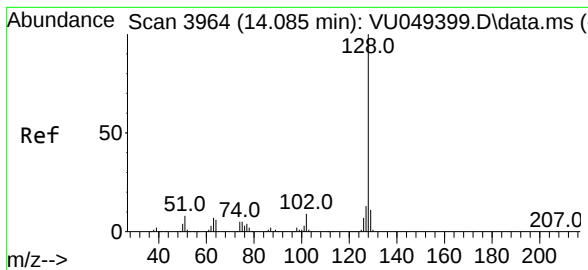
Tgt Ion:106 Resp: 1274
Ion Ratio Lower Upper
106 100
91 201.8 103.5 310.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

Tgt Ion:152 Resp: 202742
Ion Ratio Lower Upper
152 100
115 61.8 37.0 110.9
150 156.9 0.0 342.2





#95
Naphthalene
Concen: 2.347 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049521.D
Acq: 29 Jun 2022 18:18

Instrument :
MSVOA_U
ClientSampleId :
DUP02-20220617

Tgt Ion:	128	Resp:	10040
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.2	8.6	13.0

