

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059979.D
 Acq On : 16 Jul 2024 17:09
 Operator : MD/SY
 Sample : P3217-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC5DL

Quant Time: Jul 17 02:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

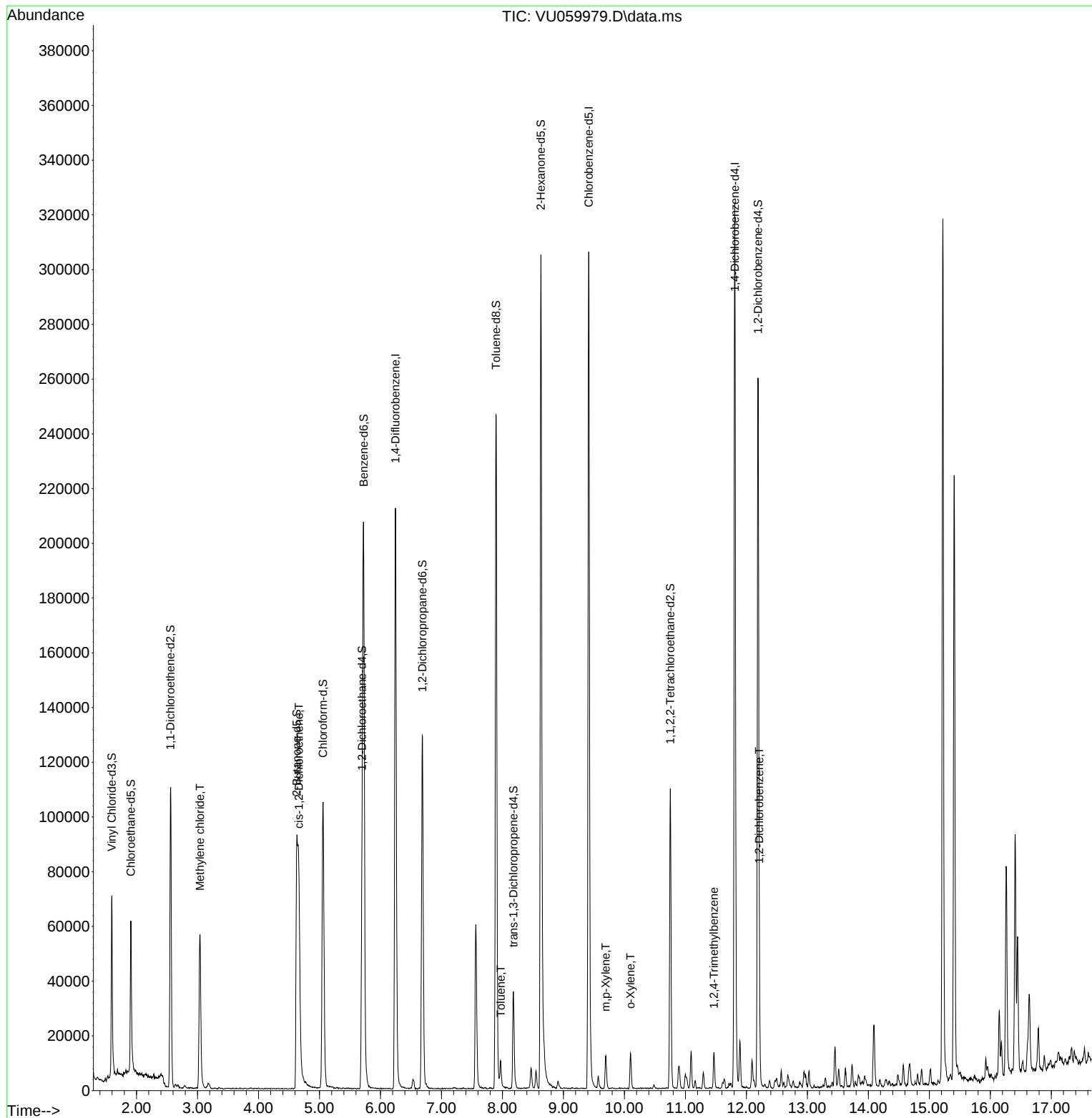
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	186226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	184595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	50147	3.873	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.400%	
7) Chloroethane-d5	1.907	69	45742	3.671	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.557	65	21297	3.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.200%	
20) 2-Butanone-d5	4.628	46	139488	52.294	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.580%	
24) Chloroform-d	5.058	84	99175	3.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.600%	
26) 1,2-Dichloroethane-d4	5.698	65	51677	4.036	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
32) Benzene-d6	5.724	84	200012	3.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
36) 1,2-Dichloropropane-d6	6.689	67	64669	4.154	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.894	98	173743	3.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.600%	
43) trans-1,3-Dichloroprop...	8.180	79	22370	4.589	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.631	63	108710	53.672	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.340%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55607	4.323	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	72579	4.417	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	31300	2.000	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	30391	2.007	ug/L	91
42) Toluene	7.971	91	7301	0.123	ug/L	92
53) m,p-Xylene	9.695	106	3777	0.162	ug/L	85
54) o-Xylene	10.100	106	3560	0.160	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	7817	0.181	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	9920	0.363	ug/L	96

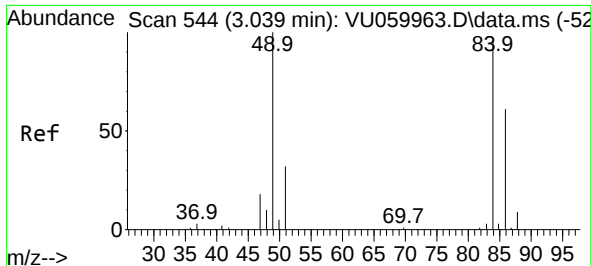
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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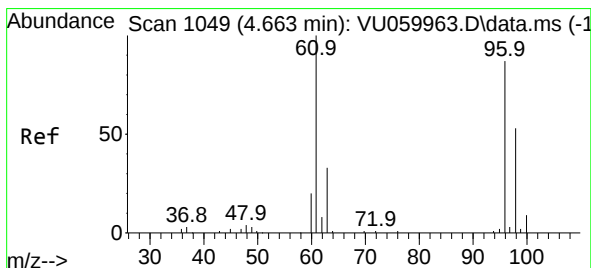
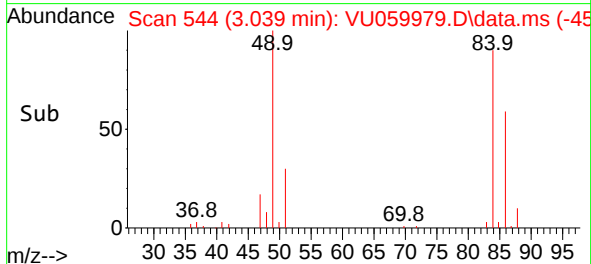
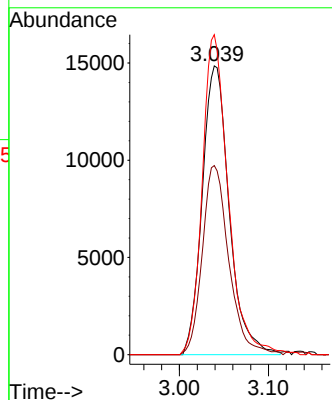
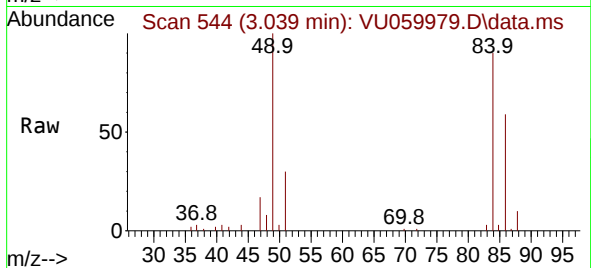




#16
Methylene chloride
Concen: 2.000 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059979.D
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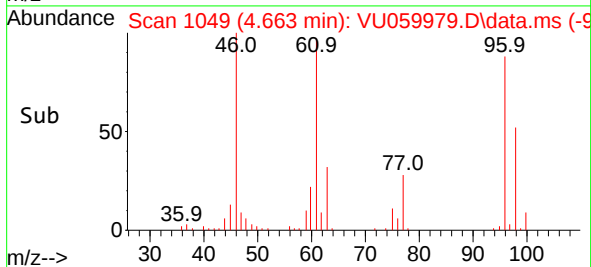
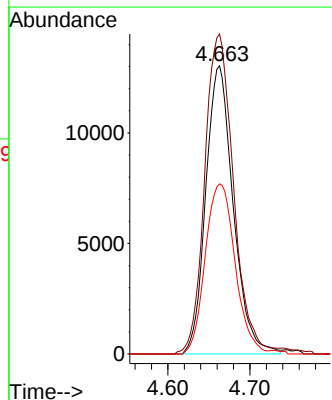
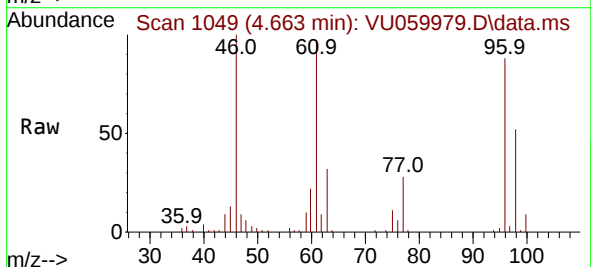
Instrument :
MSVOA_U
ClientSampleId :
YDZC5DL

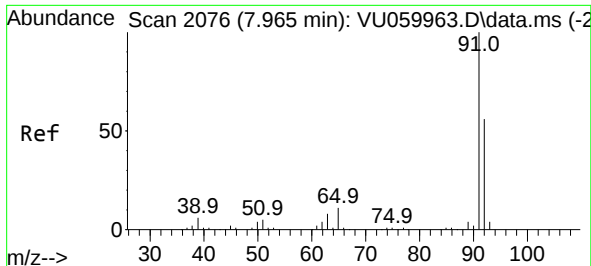
Tgt Ion: 84 Resp: 31300
Ion Ratio Lower Upper
84 100
86 65.5 42.1 78.1
49 110.8 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 2.007 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

Tgt Ion: 96 Resp: 30391
Ion Ratio Lower Upper
96 100
61 111.0 87.4 162.2
98 59.0 42.3 78.5





#42

Toluene

Concen: 0.123 ug/L

RT: 7.971 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU059979.D

Acq: 16 Jul 2024 17:09

Instrument :

MSVOA_U

ClientSampleId :

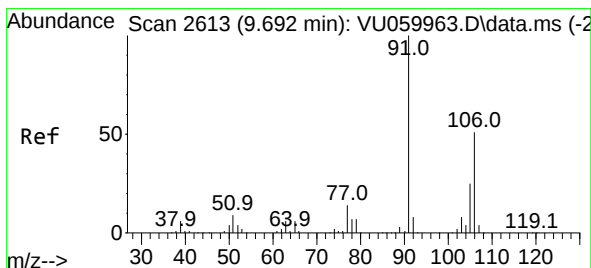
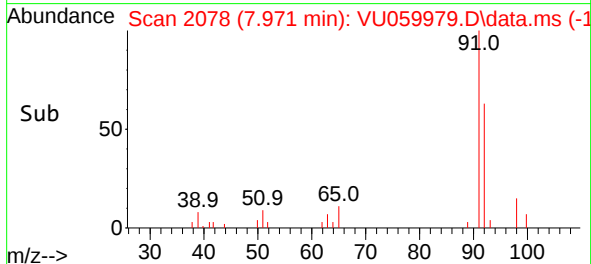
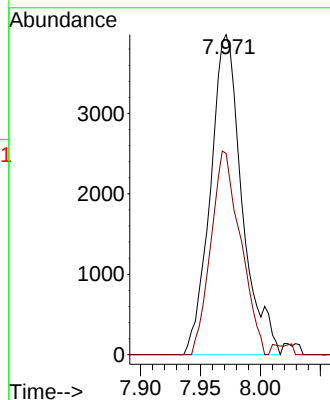
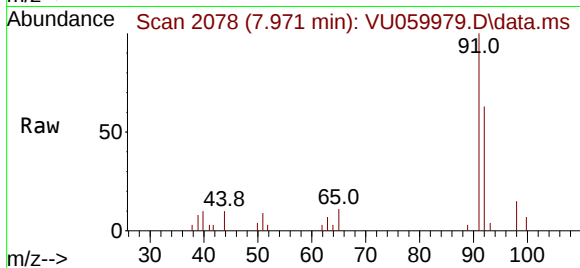
YDZC5DL

Tgt Ion: 91 Resp: 7301

Ion Ratio Lower Upper

91 100

92 62.9 39.7 73.7



#53

m,p-Xylene

Concen: 0.162 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.003 min

Lab File: VU059979.D

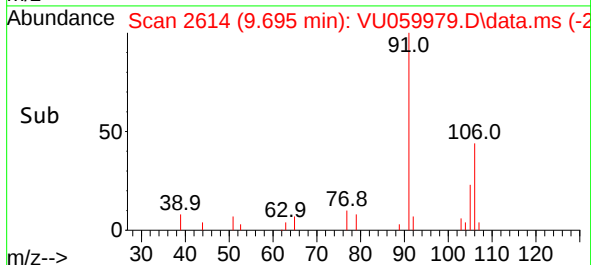
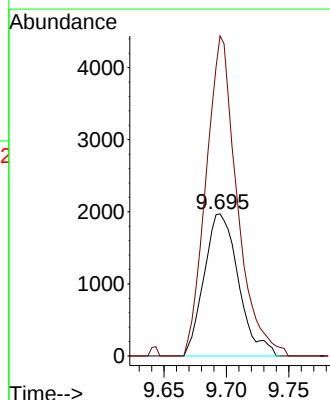
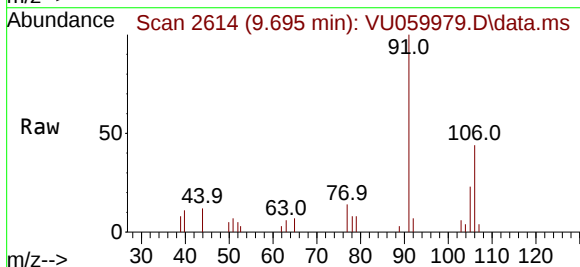
Acq: 16 Jul 2024 17:09

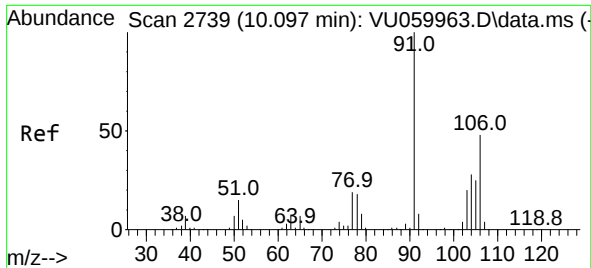
Tgt Ion: 106 Resp: 3777

Ion Ratio Lower Upper

106 100

91 225.1 142.0 263.8

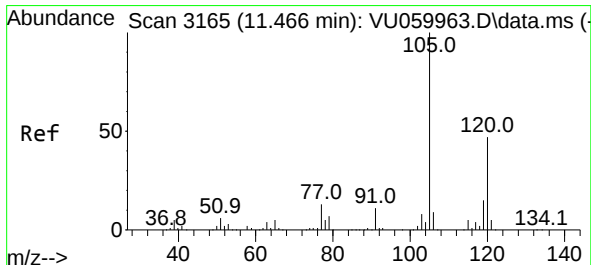
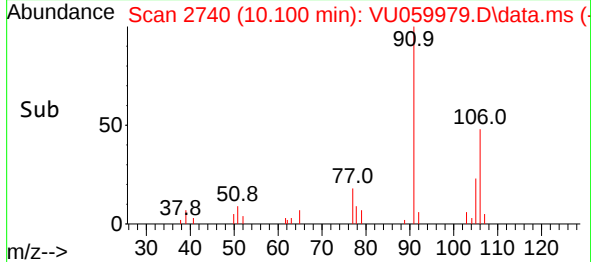
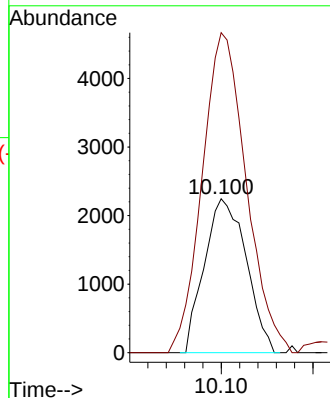
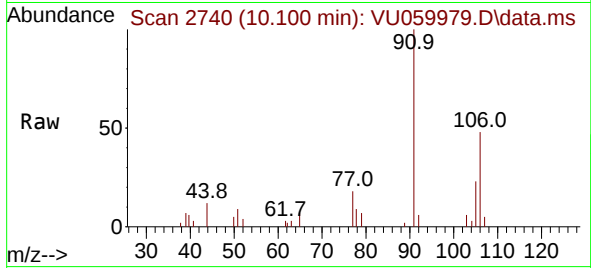




#54
o-Xylene
Concen: 0.160 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

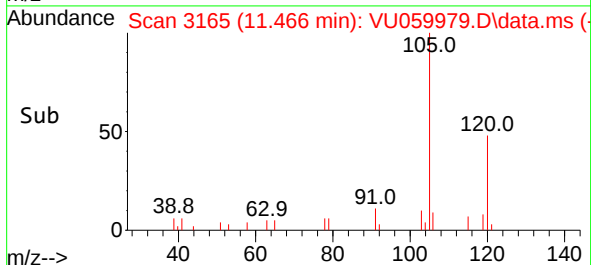
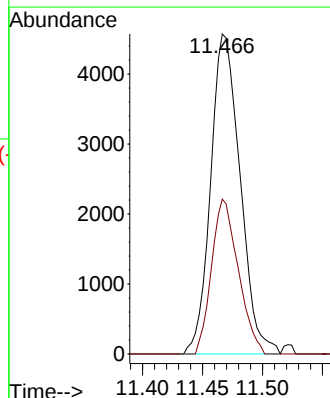
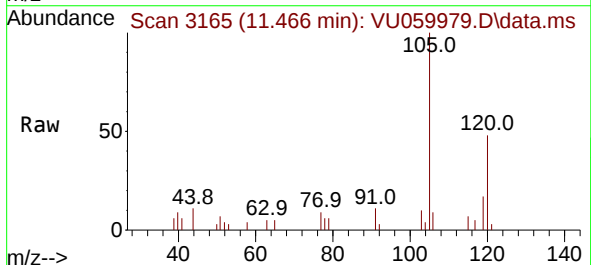
Instrument :
MSVOA_U
ClientSampleId :
YDZC5DL

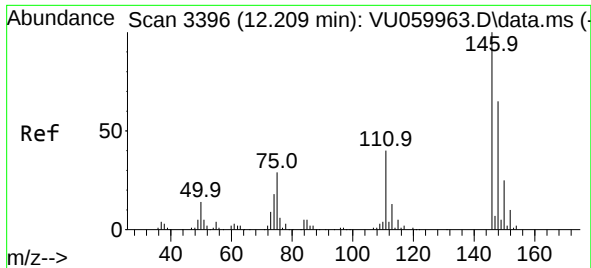
Tgt Ion:106 Resp: 3560
Ion Ratio Lower Upper
106 100
91 207.9 151.6 281.6



#63
1,2,4-Trimethylbenzene
Concen: 0.181 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU059979.D
Acq: 16 Jul 2024 17:09

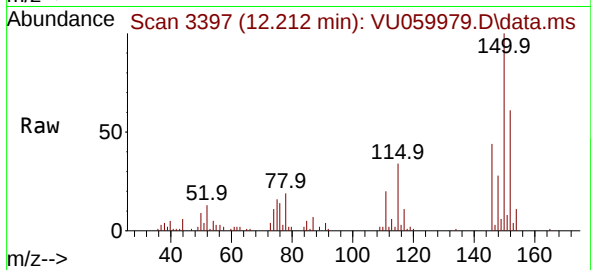
Tgt Ion:105 Resp: 7817
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.0





#67
 1,2-Dichlorobenzene
 Concen: 0.363 ug/L
 RT: 12.212 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059979.D
 Acq: 16 Jul 2024 17:09

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC5DL



Tgt Ion:	146	Resp:	9920
Ion	Ratio	Lower	Upper
146	100		
111	45.6	33.4	50.0
148	64.4	49.7	74.5

