

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063178.D
 Acq On : 06 Feb 2025 00:07
 Operator : MD/SY
 Sample : Q1226-24
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN2

Quant Time: Feb 06 08:11:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

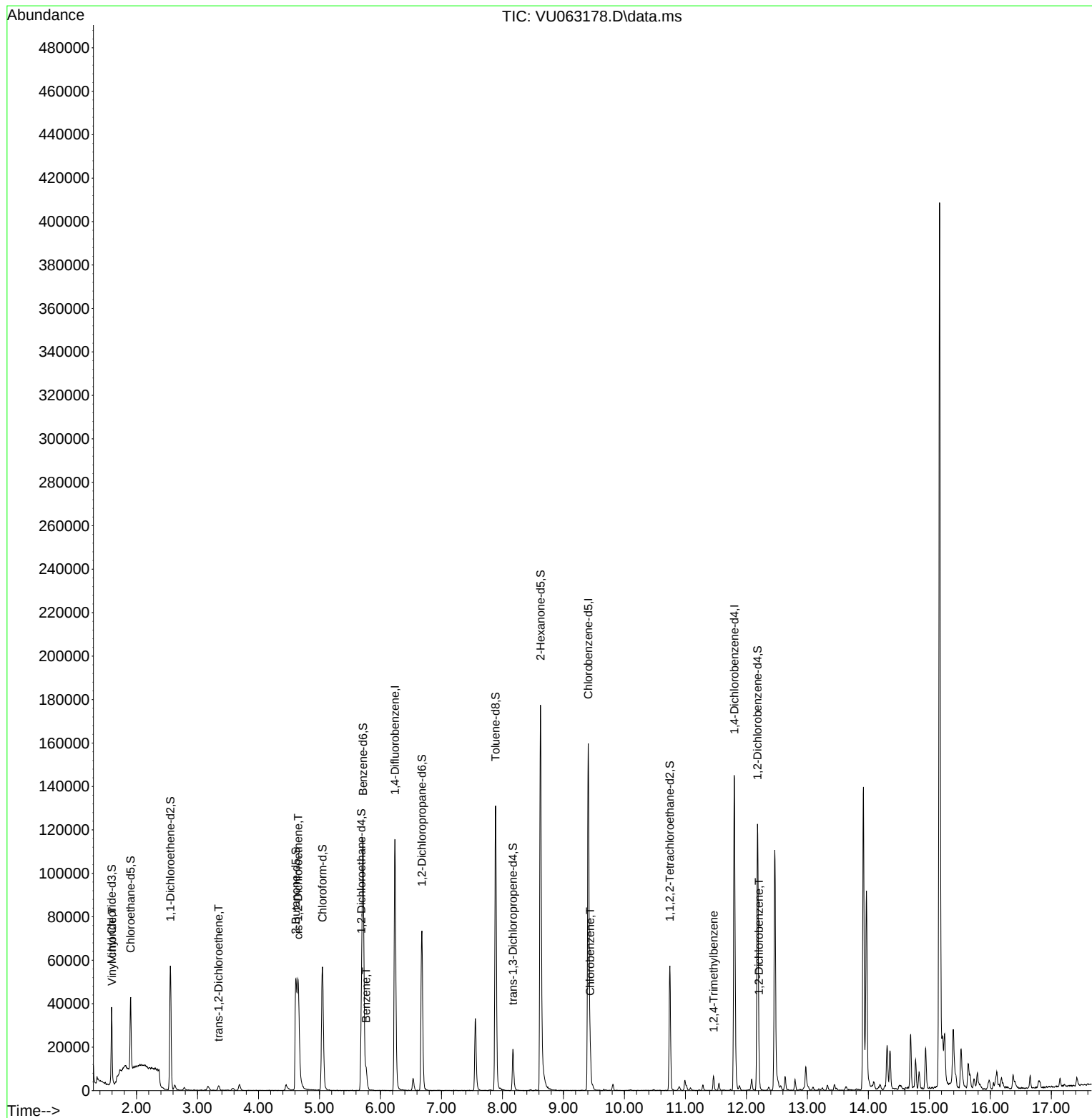
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	97840	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23154	4.137	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.904	69	23454	4.515	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.557	65	11183	4.476	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.611	46	84572	45.904	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.800%	
24) Chloroform-d	5.049	84	55834	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.688	65	29930	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.714	84	109494	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.679	67	37550	4.780	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.888	98	91899	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.174	79	12205	4.146	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.624	63	64055	43.234	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.460%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30456	4.392	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.800%	
66) 1,2-Dichlorobenzene-d4	12.183	152	33226	4.967	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1795	0.191	ug/L	# 82
18) trans-1,2-Dichloroethene	3.348	96	1084	0.159	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	21837	2.879	ug/L	99
33) Benzene	5.766	78	10064	0.335	ug/L	100
51) Chlorobenzene	9.441	112	9739	0.513	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	4102	0.190	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	2532	0.210	ug/L	98

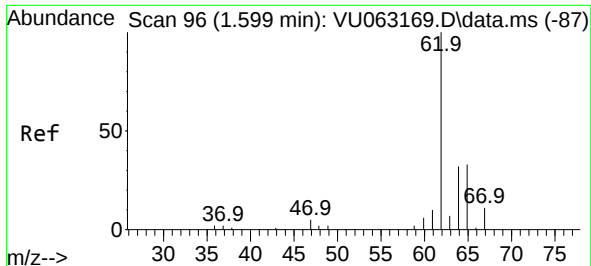
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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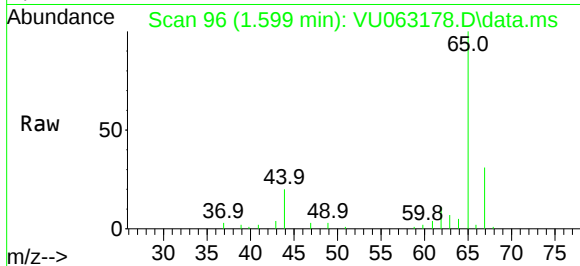
Quant Time: Feb 06 08:11:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
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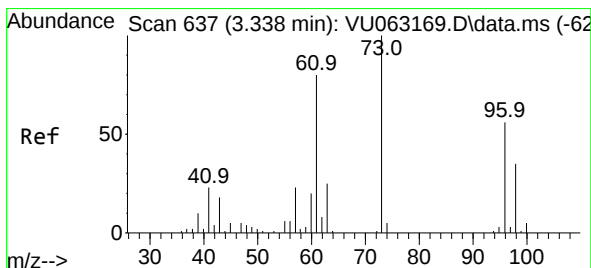
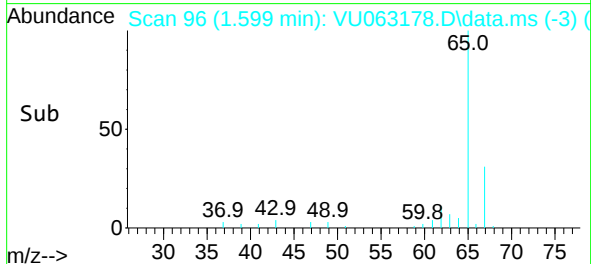
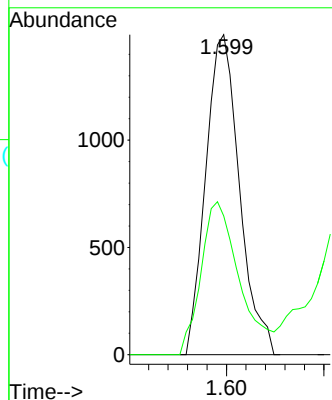


#5
 Vinyl chloride
 Concen: 0.191 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU063178.D
 Acq: 06 Feb 2025 00:07

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN2

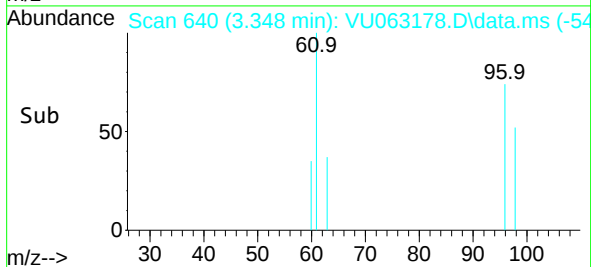
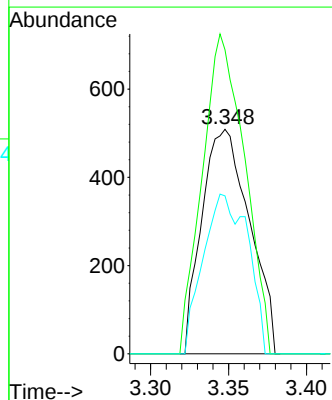
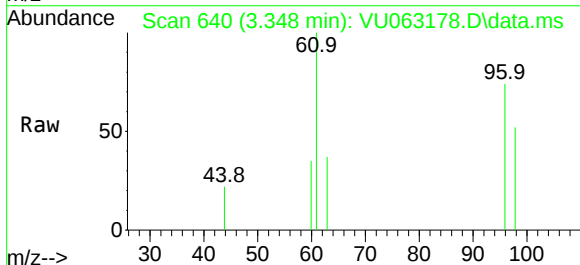


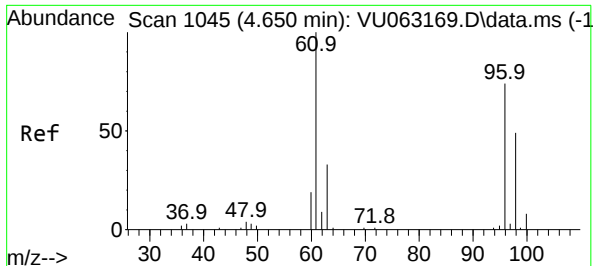
Tgt Ion: 62 Resp: 1795
 Ion Ratio Lower Upper
 62 100
 64 43.4 23.2 43.0#



#18
 trans-1,2-Dichloroethene
 Concen: 0.159 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.006 min
 Lab File: VU063178.D
 Acq: 06 Feb 2025 00:07

Tgt Ion: 96 Resp: 1084
 Ion Ratio Lower Upper
 96 100
 61 135.4 99.2 184.2
 98 70.3 43.2 80.2

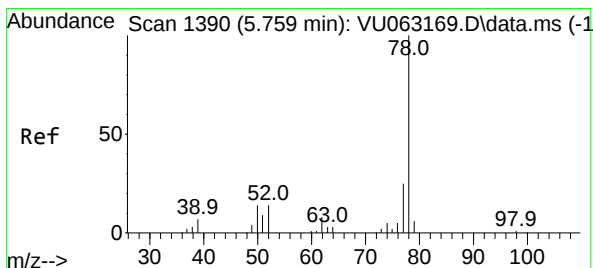
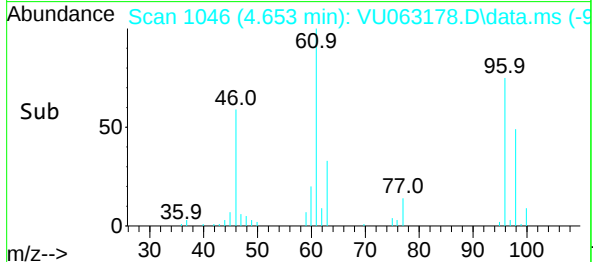
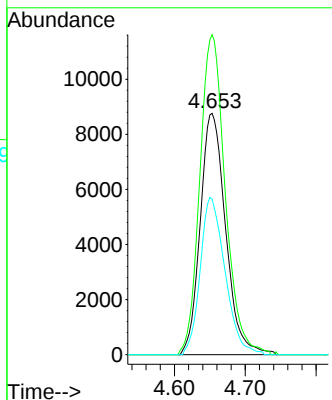
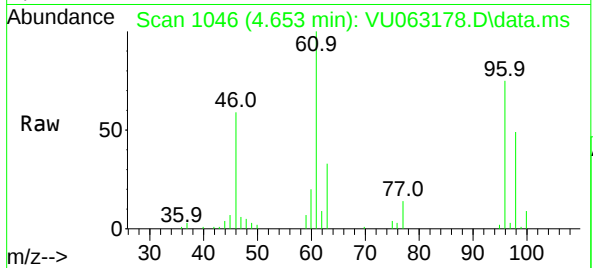




#22
 cis-1,2-Dichloroethene
 Concen: 2.879 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU063178.D
 Acq: 06 Feb 2025 00:07

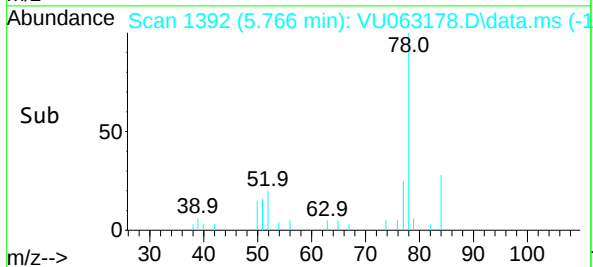
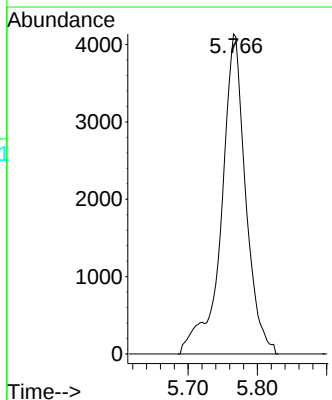
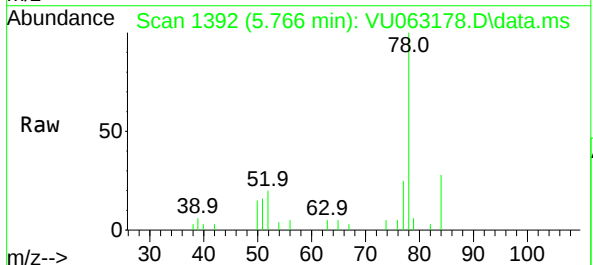
Instrument :
 MSVOA_U
 ClientSampleId :
 DCZN2

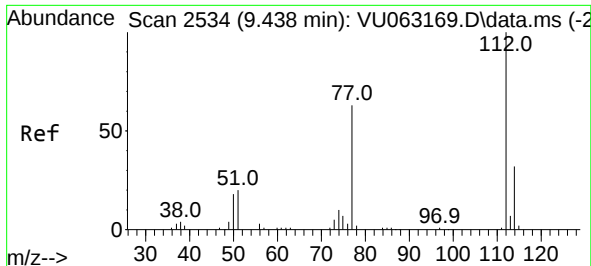
Tgt Ion: 96 Resp: 21837
 Ion Ratio Lower Upper
 96 100
 61 132.6 91.8 170.6
 98 64.4 44.4 82.4



#33
 Benzene
 Concen: 0.335 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. 0.003 min
 Lab File: VU063178.D
 Acq: 06 Feb 2025 00:07

Tgt Ion: 78 Resp: 10064

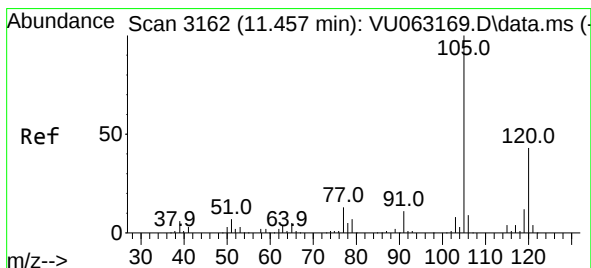
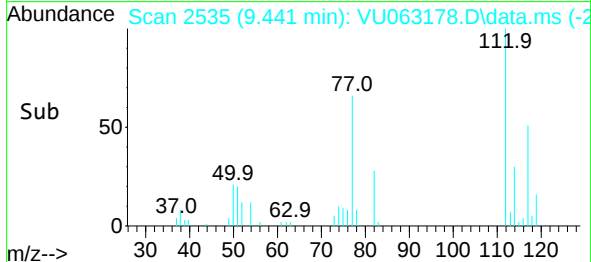
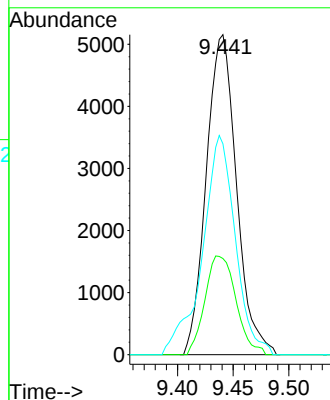
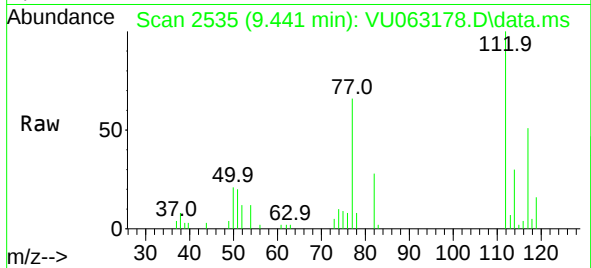




#51
Chlorobenzene
Concen: 0.513 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063178.D
Acq: 06 Feb 2025 00:07

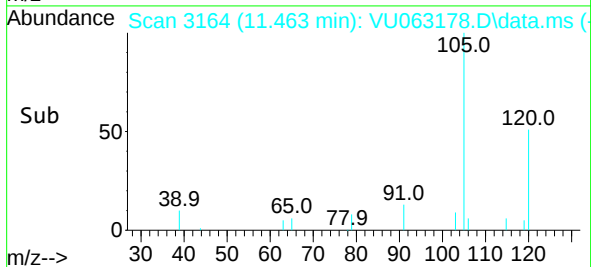
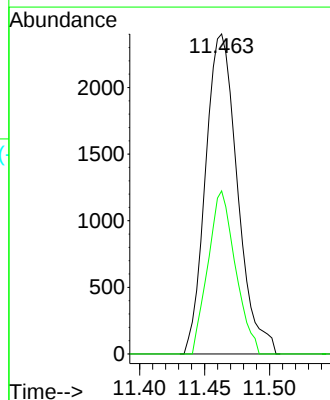
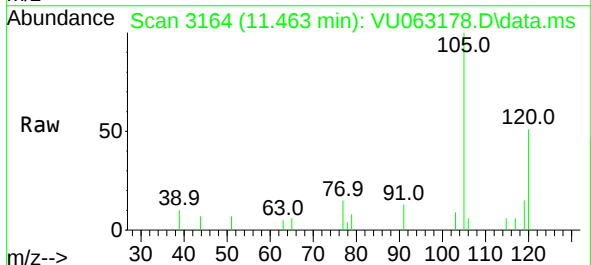
Instrument :
MSVOA_U
ClientSampleId :
DCZN2

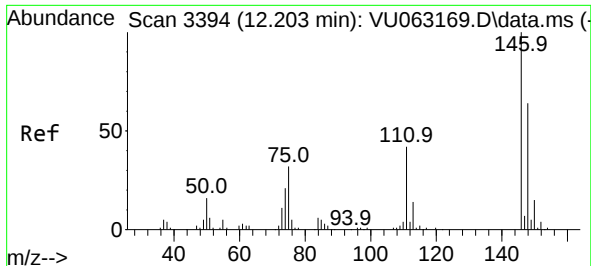
Tgt Ion:112 Resp: 9739
Ion Ratio Lower Upper
112 100
114 30.0 22.6 42.0
77 65.9 50.8 76.2



#63
1,2,4-Trimethylbenzene
Concen: 0.190 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063178.D
Acq: 06 Feb 2025 00:07

Tgt Ion:105 Resp: 4102
Ion Ratio Lower Upper
105 100
120 43.6 34.7 52.1





#67

1,2-Dichlorobenzene

Concen: 0.210 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063178.D

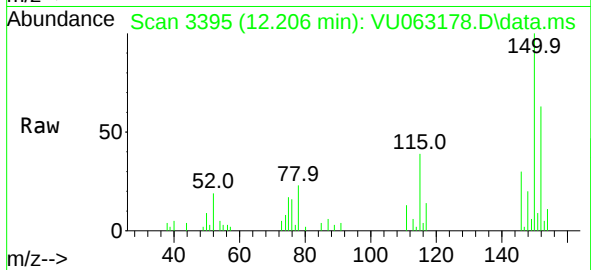
Acq: 06 Feb 2025 00:07

Instrument :

MSVOA_U

ClientSampleId :

DCZN2



Tgt Ion:146 Resp: 2532

Ion Ratio Lower Upper

146 100

111 44.8 34.1 51.1

148 67.1 52.5 78.7

