

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
 Data File : VU060282.D
 Acq On : 31 Jul 2024 14:25
 Operator : MD/SY
 Sample : VIBLK057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 00:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

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

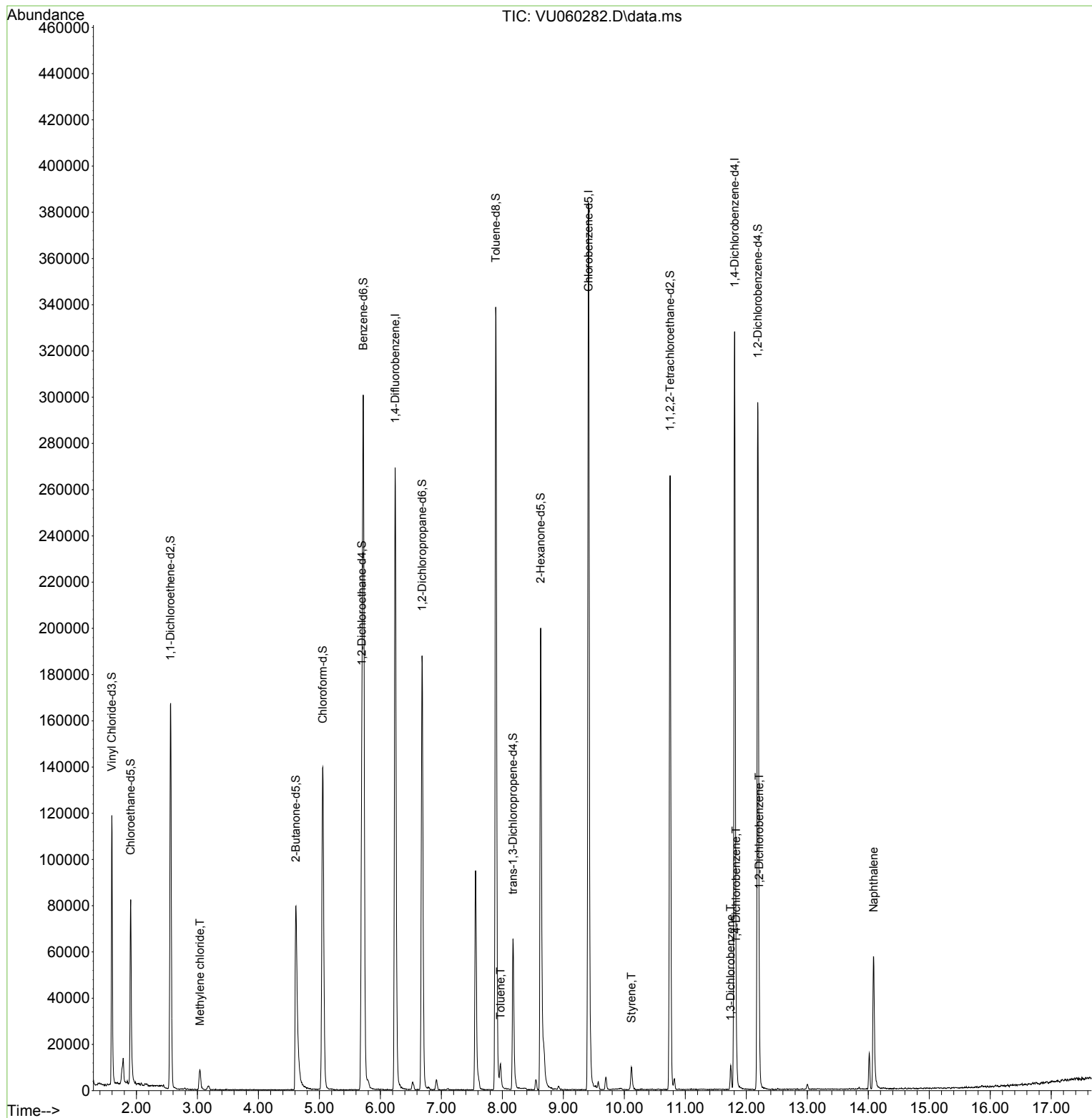
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	222242	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92251	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87093	61.034	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	122.060%	
7) Chloroethane-d5	1.904	69	67685	56.393	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	112.780%	
11) 1,1-Dichloroethene-d2	2.557	63	99605	39.291	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.580%	
21) 2-Butanone-d5	4.612	46	120500	121.512	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	121.510%	
24) Chloroform-d	5.052	84	138003	49.941	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.880%	
26) 1,2-Dichloroethane-d4	5.695	65	87770	53.419	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.840%	
32) Benzene-d6	5.718	84	285762	49.440	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.880%	
36) 1,2-Dichloropropane-d6	6.682	67	98809	55.234	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	110.460%	
41) Toluene-d8	7.891	98	235662	42.874	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.740%	
43) trans-1,3-Dichloroprop...	8.174	79	40365	48.220	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.440%	
47) 2-Hexanone-d5	8.627	63	68349	90.659	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.660%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	140983	51.346	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	102.700%	
66) 1,2-Dichlorobenzene-d4	12.187	152	80850	47.693	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.380%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	4830	2.907	ug/L	87
42) Toluene	7.968	91	8498	1.277	ug/L	92
55) Styrene	10.116	104	5452	1.215	ug/L	92
64) 1,3-Dichlorobenzene	11.743	146	4722	1.693	ug/L	87
65) 1,4-Dichlorobenzene	11.833	146	6000	2.081	ug/L	91
67) 1,2-Dichlorobenzene	12.209	146	7594	2.696	ug/L	99
71) Naphthalene	14.087	128	57030	10.889	ug/L	98

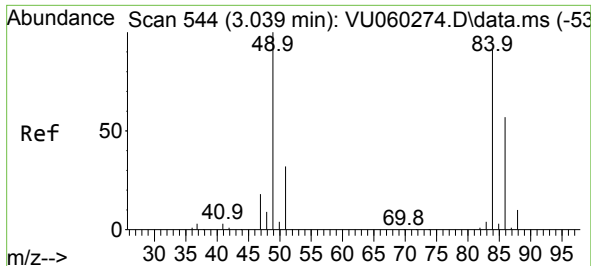
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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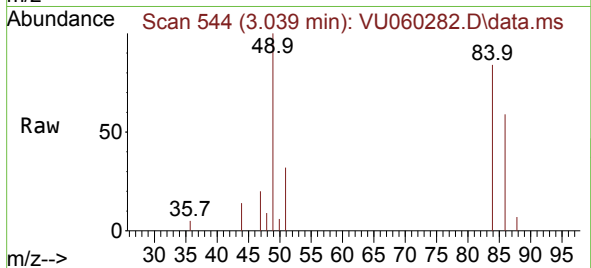
Quant Time: Aug 01 00:22:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
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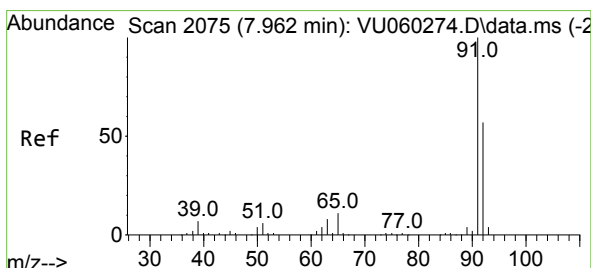
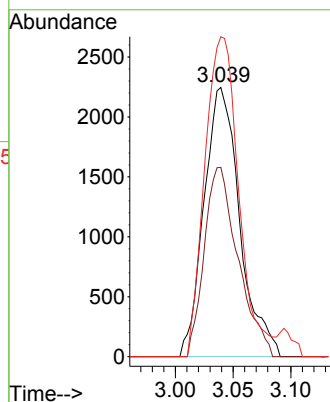
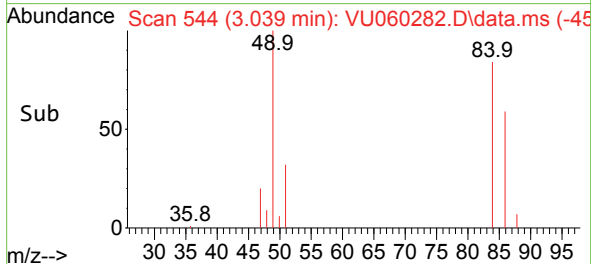


#16
Methylene chloride
Concen: 2.907 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25

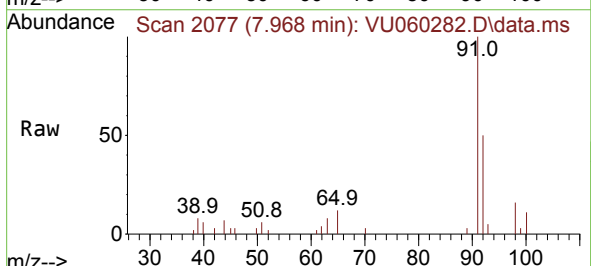
Instrument :
MSVOA_U
ClientSampleId :



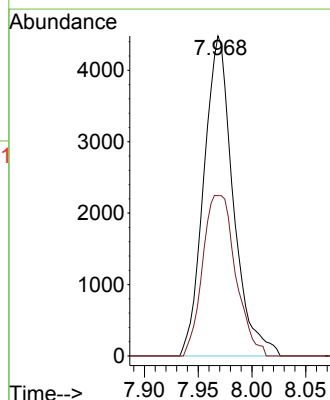
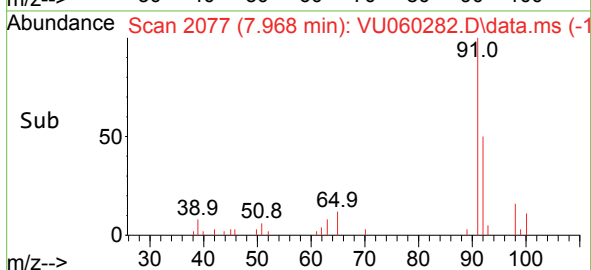
Tgt Ion: 84 Resp: 4830
Ion Ratio Lower Upper
84 100
86 70.3 44.7 83.1
49 118.8 71.6 133.0

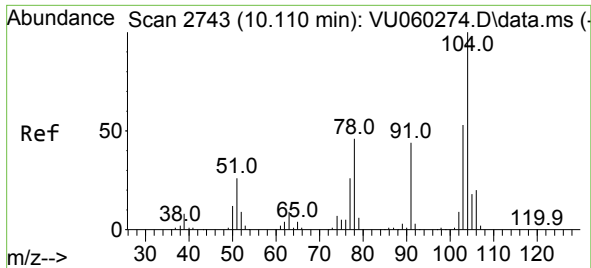


#42
Toluene
Concen: 1.277 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25



Tgt Ion: 91 Resp: 8498
Ion Ratio Lower Upper
91 100
92 50.1 39.3 72.9

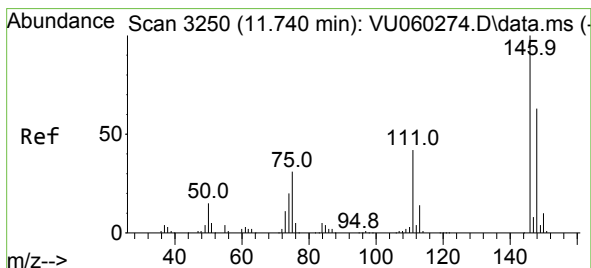
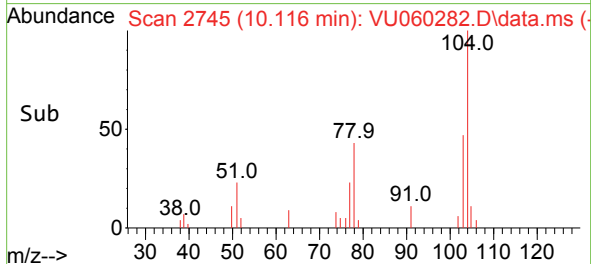
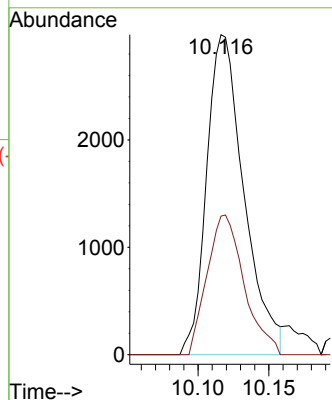
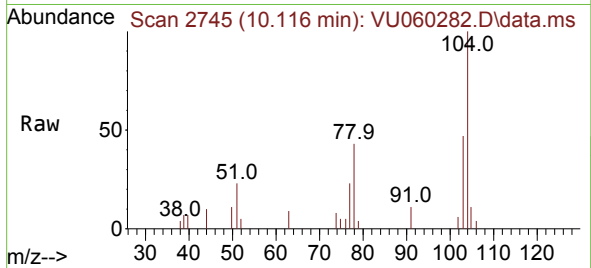




#55
Styrene
Concen: 1.215 ug/L
RT: 10.116 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25

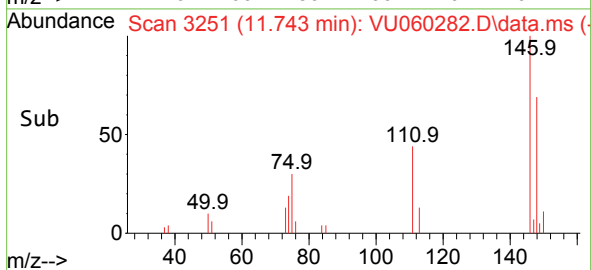
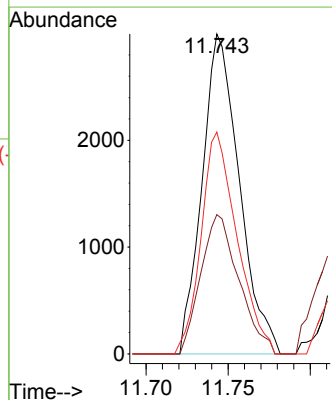
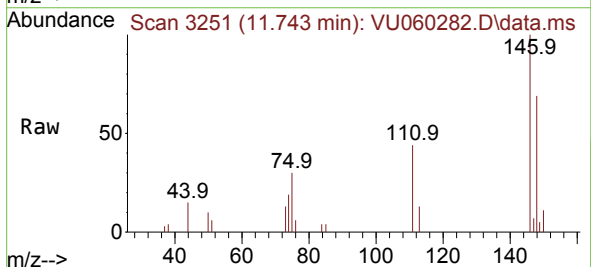
Instrument :
MSVOA_U
ClientSampleId :

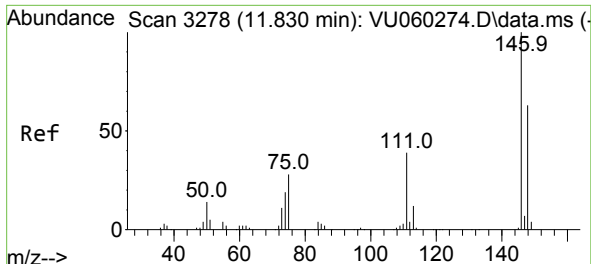
Tgt Ion:104 Resp: 5452
Ion Ratio Lower Upper
104 100
78 39.2 30.9 57.5



#64
1,3-Dichlorobenzene
Concen: 1.693 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25

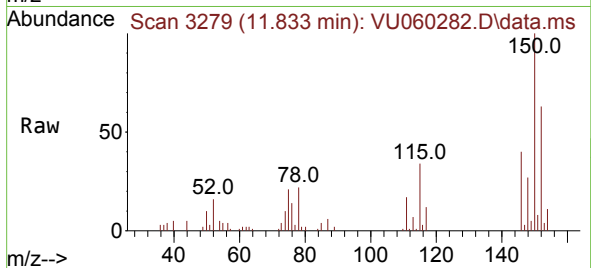
Tgt Ion:146 Resp: 4722
Ion Ratio Lower Upper
146 100
111 43.6 26.5 49.1
148 73.9 43.8 81.3



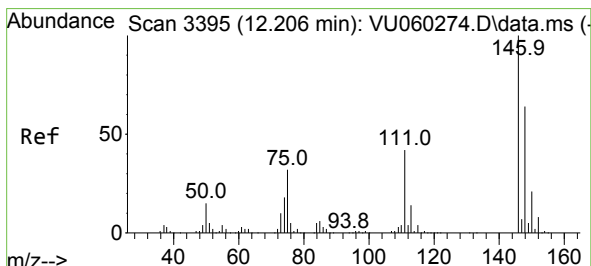
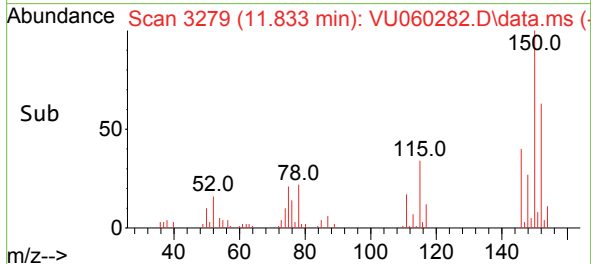
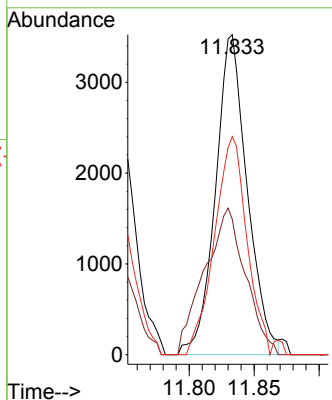


#65
1,4-Dichlorobenzene
Concen: 2.081 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :

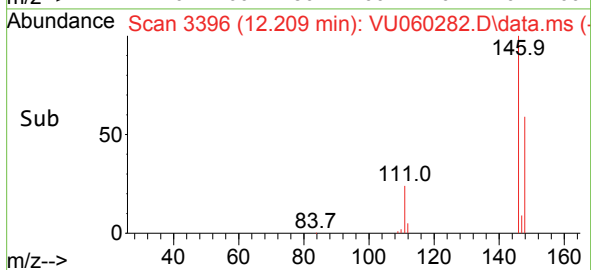
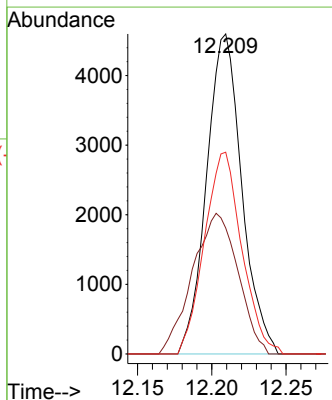
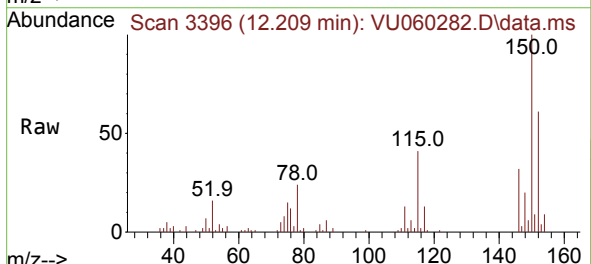


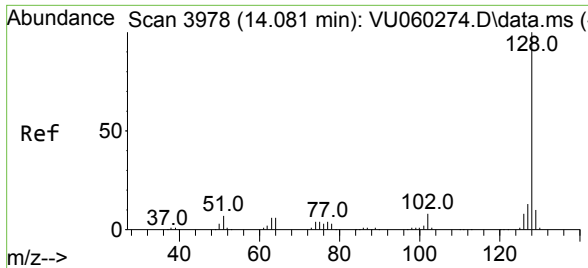
Tgt Ion:146 Resp: 6000
Ion Ratio Lower Upper
146 100
111 45.2 25.9 48.1
148 68.2 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 2.696 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25

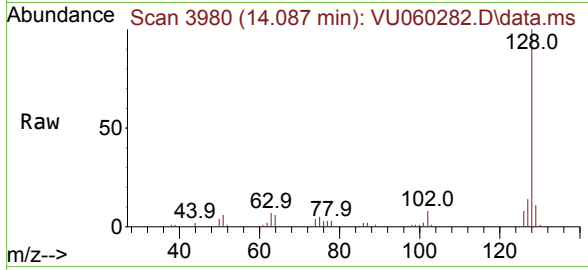
Tgt Ion:146 Resp: 7594
Ion Ratio Lower Upper
146 100
111 39.3 31.7 47.5
148 63.0 50.8 76.2





#71
Naphthalene
Concen: 10.889 ug/L
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU060282.D
Acq: 31 Jul 2024 14:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	57030
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	9.7	8.6	13.0

