

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055279.D
 Acq On : 13 Sep 2023 12:53
 Operator : MD/SY
 Sample : 04306-06DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H8DL

Quant Time: Sep 14 05:04:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

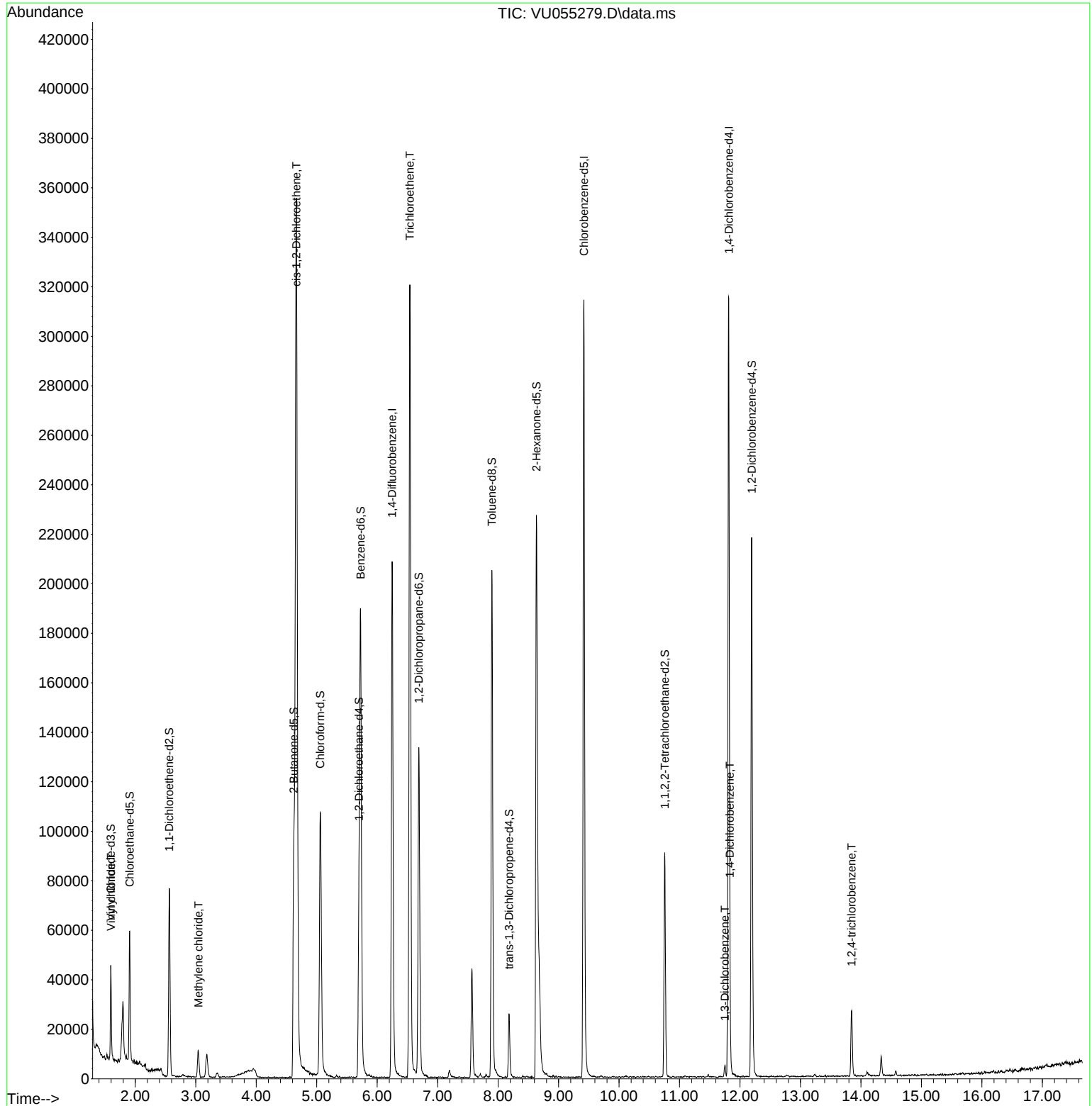
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	82592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24443	3.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.907	69	36821	4.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.560	65	14625	3.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.621	46	125030	54.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.740%
24) Chloroform-d	5.058	84	98588	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.698	65	51729	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.727	84	178570	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.688	67	61397	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.897	98	139295	3.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.180	79	14661	3.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.634	63	68977	45.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.440%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	45241	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	54142	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1388	0.132	ug/L	# 72
16) Methylene chloride	3.042	84	4676	0.391	ug/L	79
22) cis-1,2-Dichloroethene	4.663	96	178933	18.431	ug/L	96
34) Trichloroethene	6.541	95	106659	10.490	ug/L	98
64) 1,3-Dichlorobenzene	11.749	146	2165	0.117	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	3134	0.170	ug/L	90
70) 1,2,4-trichlorobenzene	13.846	180	9009	0.688	ug/L	99

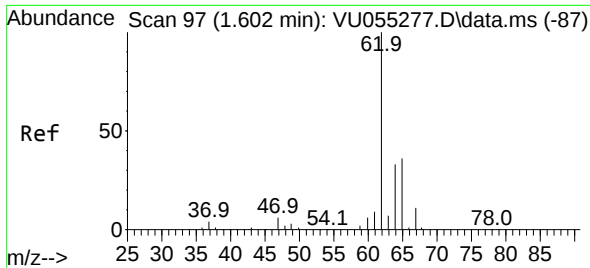
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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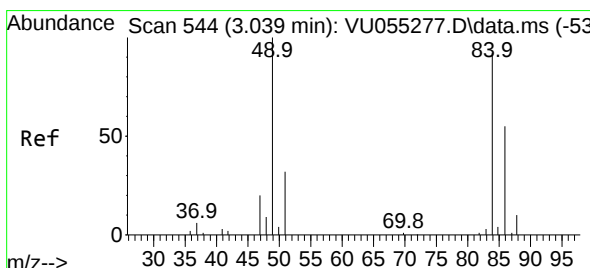
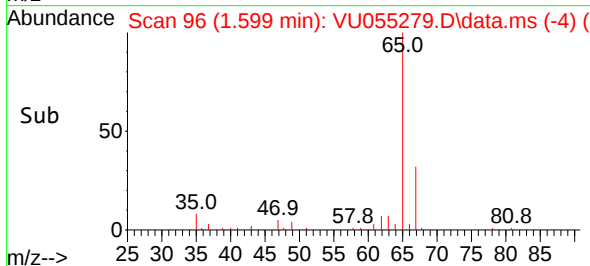
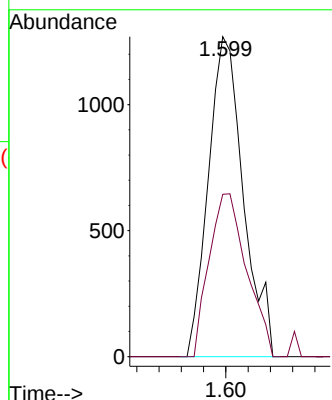
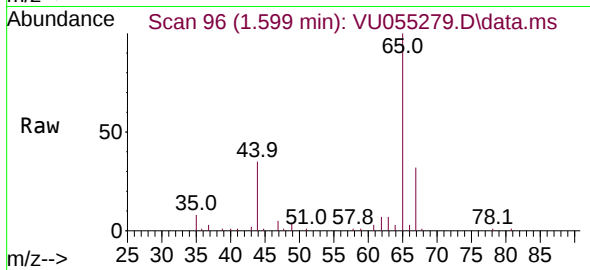




#5
 Vinyl chloride
 Concen: 0.132 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055279.D
 Acq: 13 Sep 2023 12:53

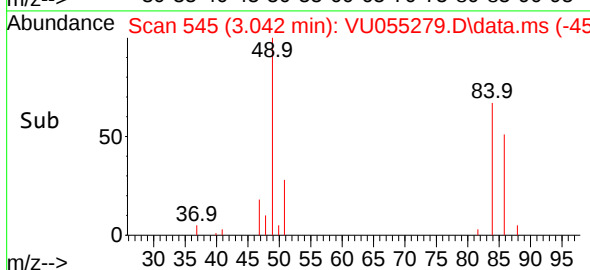
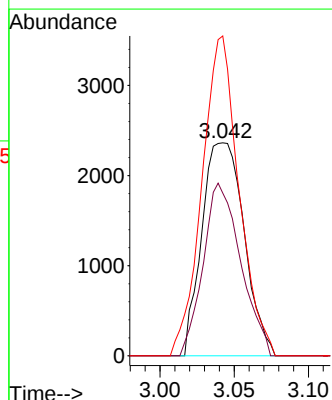
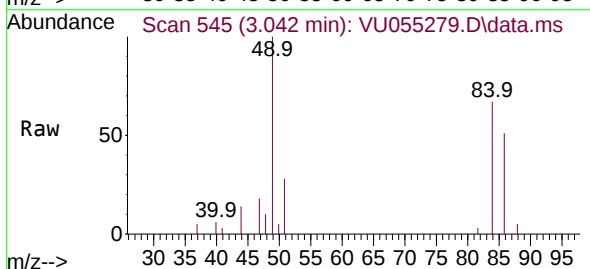
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H8DL

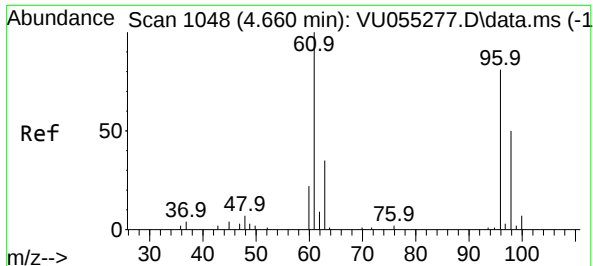
Tgt Ion: 62 Resp: 1388
 Ion Ratio Lower Upper
 62 100
 64 50.7 24.2 45.0#



#16
 Methylene chloride
 Concen: 0.391 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055279.D
 Acq: 13 Sep 2023 12:53

Tgt Ion: 84 Resp: 4676
 Ion Ratio Lower Upper
 84 100
 86 76.4 43.4 80.6
 49 150.2 87.7 162.9

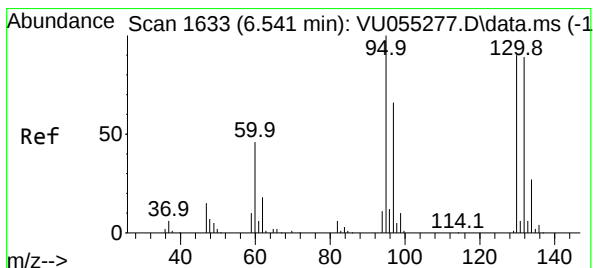
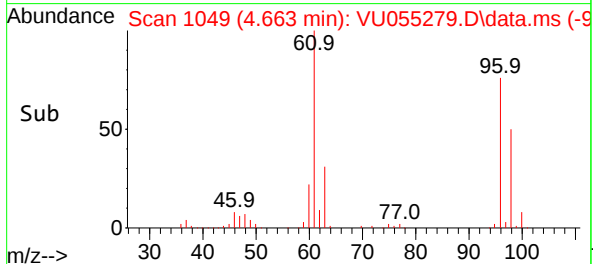
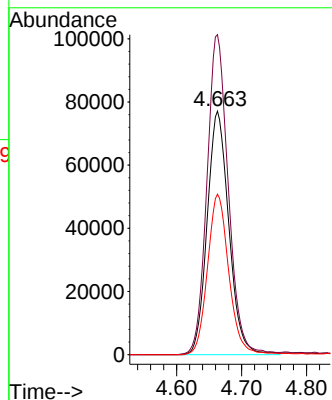
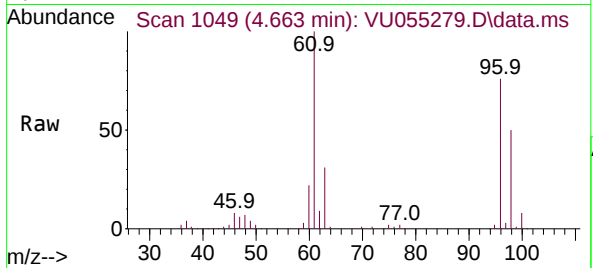




#22
 cis-1,2-Dichloroethene
 Concen: 18.431 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055279.D
 Acq: 13 Sep 2023 12:53

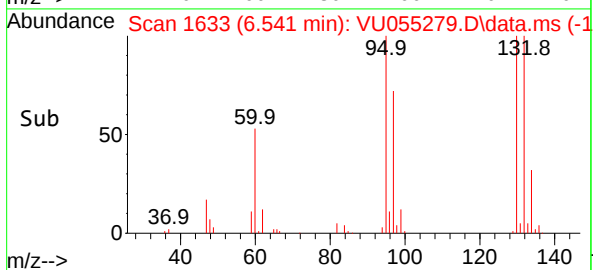
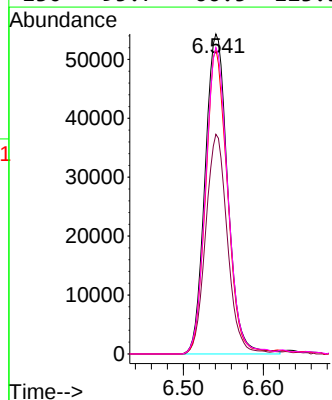
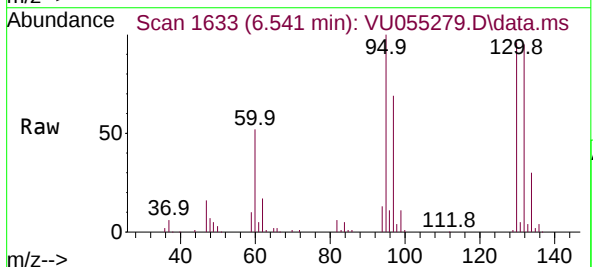
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H8DL

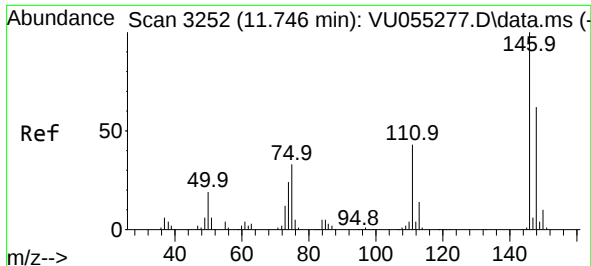
Tgt Ion: 96 Resp: 178933
 Ion Ratio Lower Upper
 96 100
 61 131.4 97.2 180.4
 98 65.9 46.1 85.7



#34
 Trichloroethene
 Concen: 10.490 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055279.D
 Acq: 13 Sep 2023 12:53

Tgt Ion: 95 Resp: 106659
 Ion Ratio Lower Upper
 95 100
 97 68.6 44.7 83.1
 132 95.4 66.6 123.6
 130 95.7 66.5 123.5

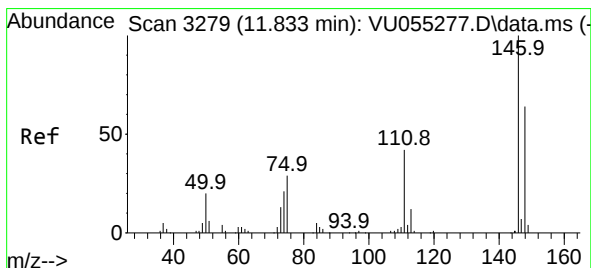
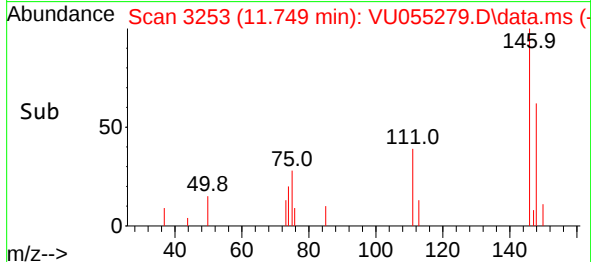
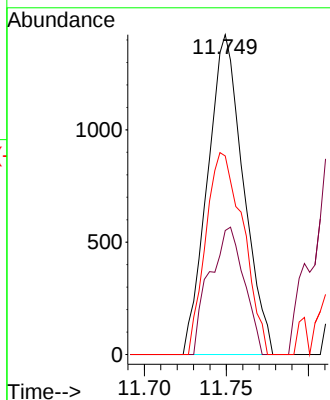
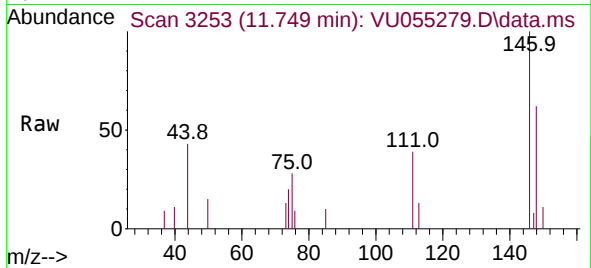




#64
1,3-Dichlorobenzene
Concen: 0.117 ug/L
RT: 11.749 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055279.D
Acq: 13 Sep 2023 12:53

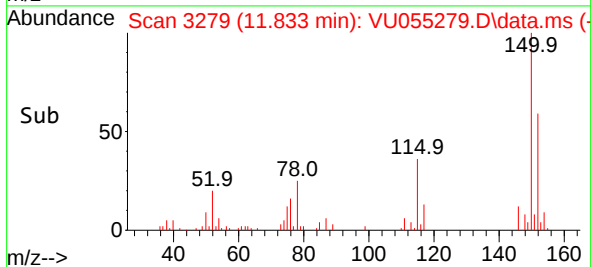
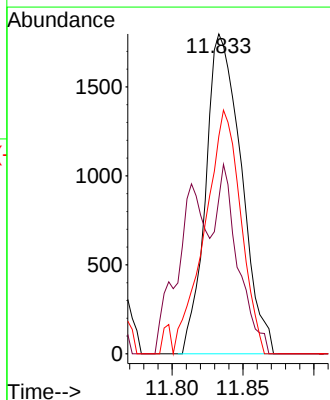
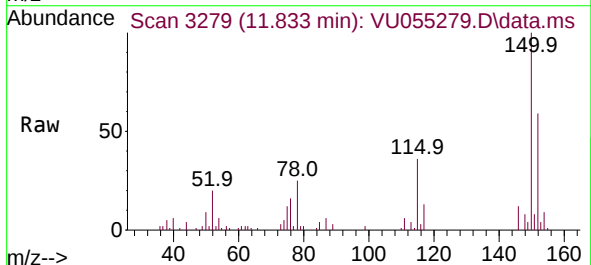
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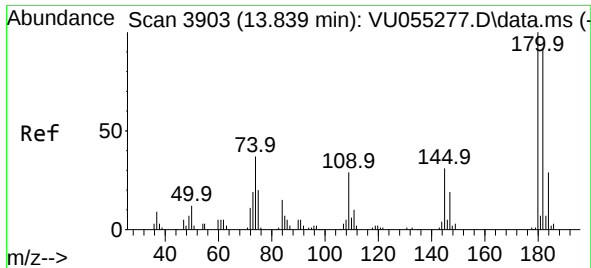
Tgt Ion:146 Resp: 2165
Ion Ratio Lower Upper
146 100
111 38.8 30.0 55.6
148 62.1 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055279.D
Acq: 13 Sep 2023 12:53

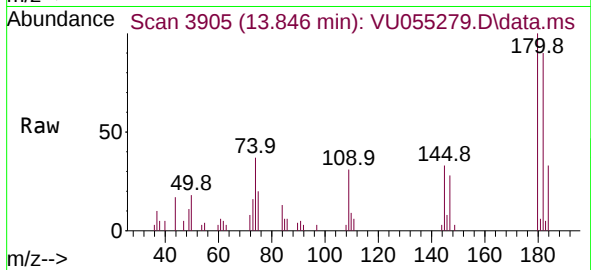
Tgt Ion:146 Resp: 3134
Ion Ratio Lower Upper
146 100
111 48.5 28.1 52.1
148 68.0 43.8 81.3





#70
 1,2,4-trichlorobenzene
 Concen: 0.688 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: VU055279.D
 Acq: 13 Sep 2023 12:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H8DL



Tgt Ion:	180	Resp:	9009
Ion Ratio	Lower	Upper	
180	100		
182	91.8	73.6	110.4
145	30.6	25.8	38.8

