

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061071.D
 Acq On : 02 Oct 2024 13:12
 Operator : MD/SY
 Sample : P4227-14DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-7S(20240927)DL

Quant Time: Oct 03 06:29:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

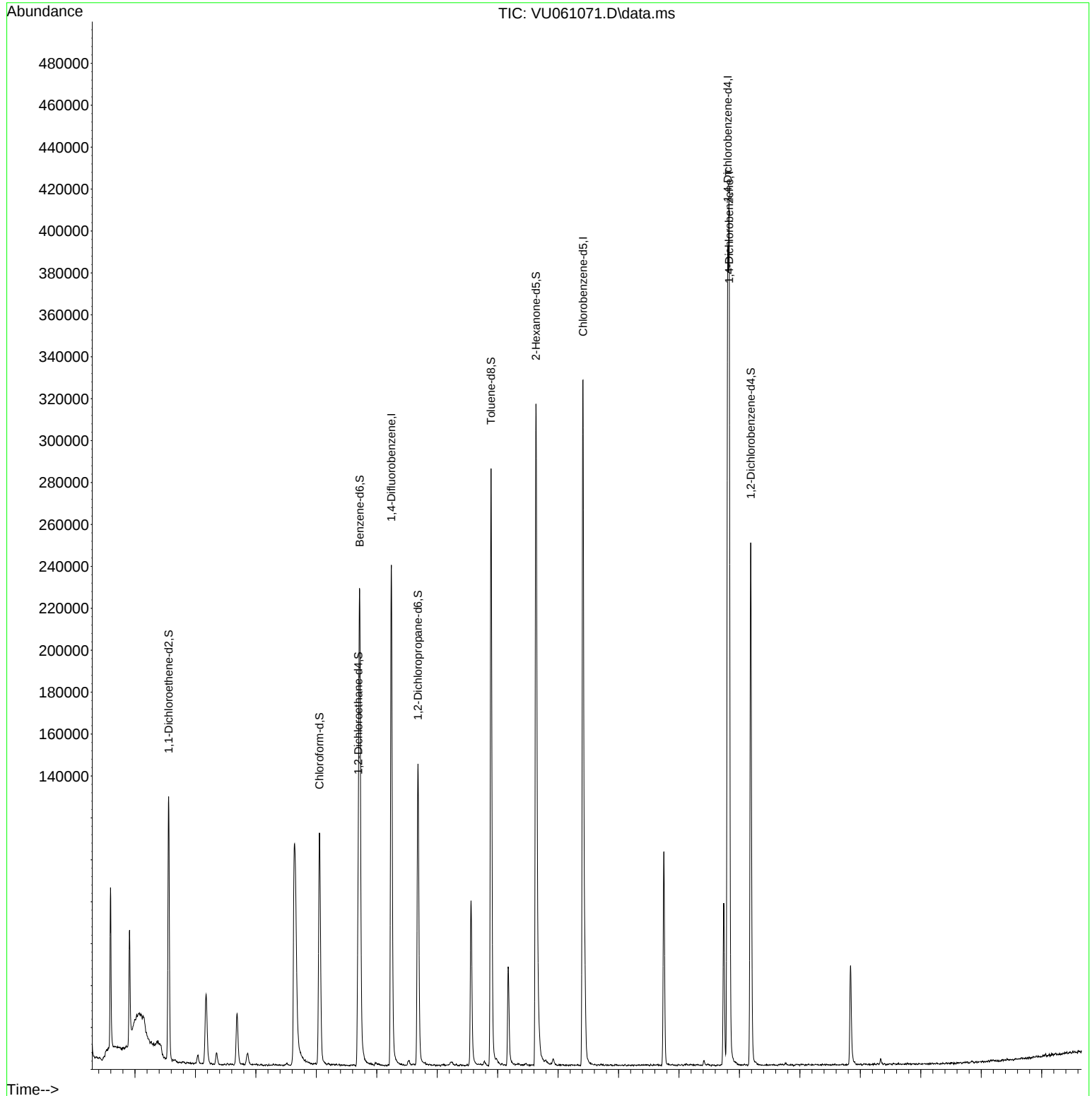
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	180761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55428	3.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.911	69	41952	3.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.557	65	24708	3.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.634	46	152980	45.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	5.052	84	105133	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	58137	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	210275	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	71404	4.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	190030	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.174	79	28690	4.287	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.634	63	132183	47.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52735	4.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	63454	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
18) trans-1,2-Dichloroethene	3.351	96	2511	0.202	ug/L	97
19) 1,1-Dichloroethane	3.862	63	7210	0.298	ug/L #	95
22) cis-1,2-Dichloroethene	4.656	96	20132	1.452	ug/L	93
51) Chlorobenzene	9.441	112	22289	0.645	ug/L #	87
64) 1,3-Dichlorobenzene	11.740	146	29556	1.182	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	142458	5.763	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	15487	1.148	ug/L	98

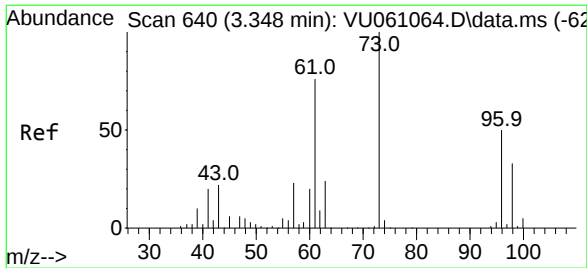
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
Data File : VU061071.D
Acq On : 02 Oct 2024 13:12
Operator : MD/SY
Sample : P4227-14DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240927)DL

Quant Time: Oct 03 06:29:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration

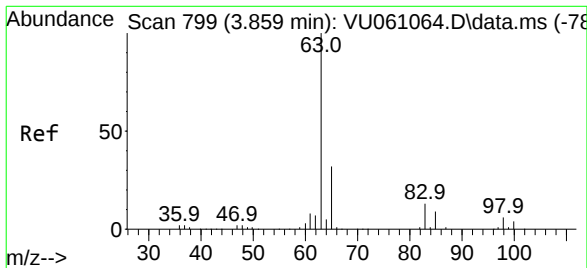
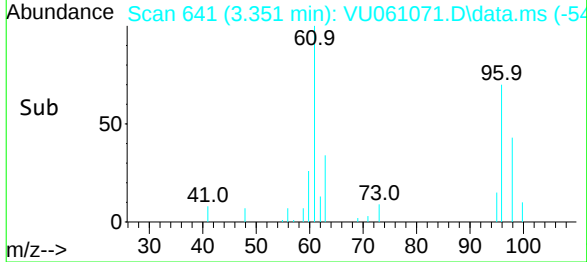
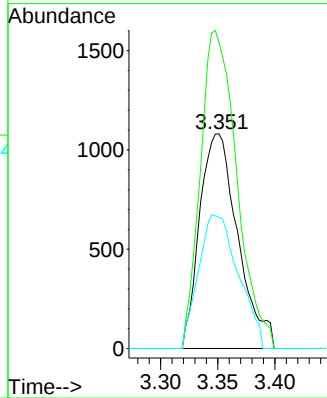
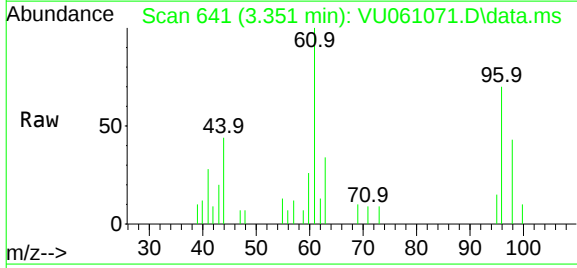




#18
trans-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061071.D
Acq: 02 Oct 2024 13:12

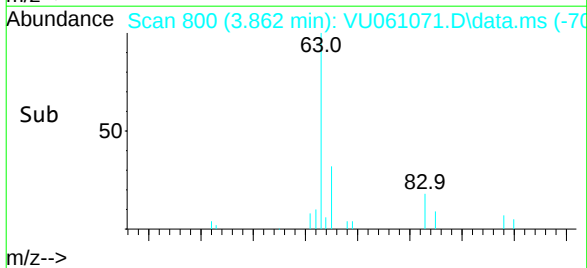
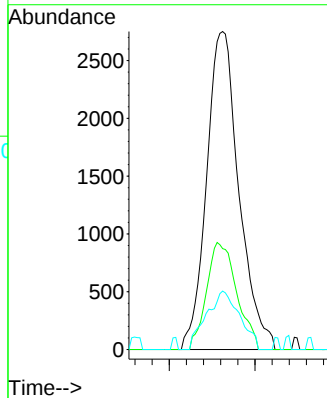
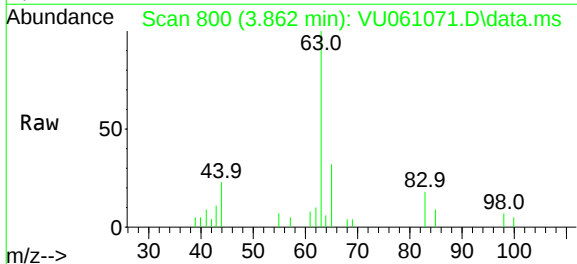
Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240927)DL

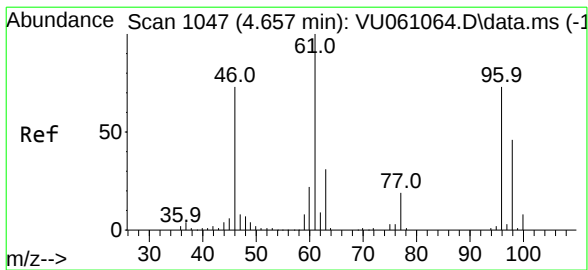
Tgt Ion:	96	Resp:	2511
Ion	Ratio	Lower	Upper
96	100		
61	142.8	97.2	180.6
98	61.1	43.3	80.5



#19
1,1-Dichloroethane
Concen: 0.298 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061071.D
Acq: 02 Oct 2024 13:12

Tgt Ion:	63	Resp:	7210
Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.0	42.8
83	18.4	9.0	16.6

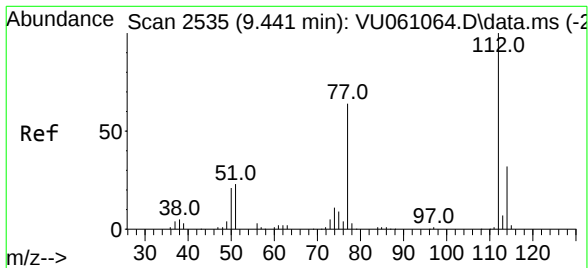
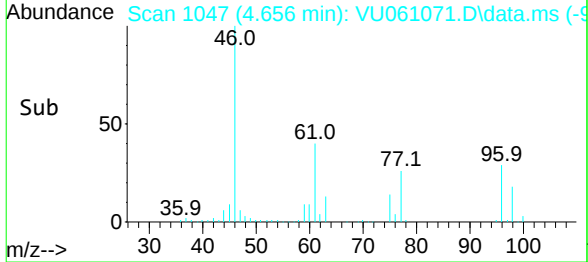
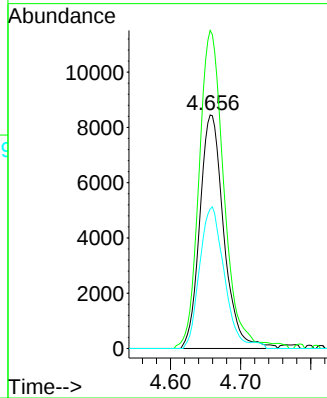
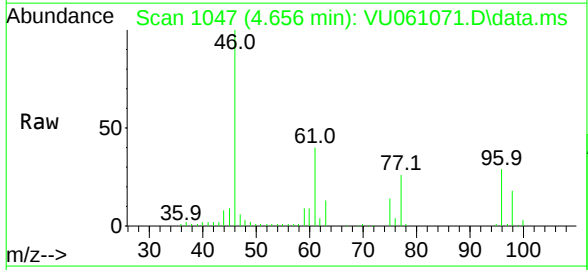




#22
 cis-1,2-Dichloroethene
 Concen: 1.452 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061071.D
 Acq: 02 Oct 2024 13:12

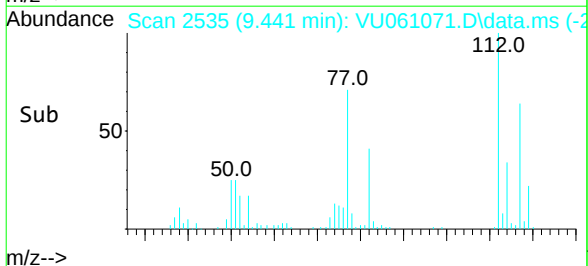
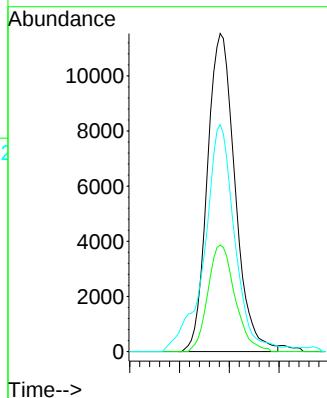
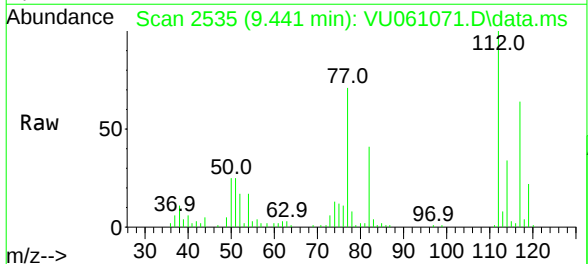
Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-7S(20240927)DL

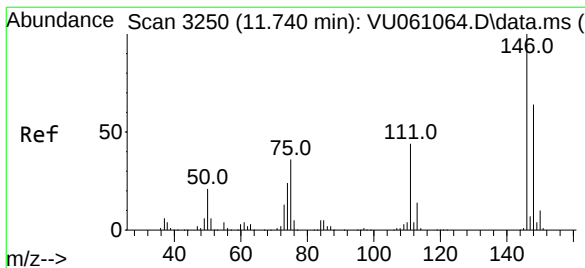
Tgt Ion:	96	Resp:	20132
Ion	Ratio	Lower	Upper
96	100		
61	136.2	89.7	166.5
98	59.7	45.1	83.9



#51
 Chlorobenzene
 Concen: 0.645 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. -0.000 min
 Lab File: VU061071.D
 Acq: 02 Oct 2024 13:12

Tgt Ion:	112	Resp:	22289
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.2	41.2
77	71.4	46.1	69.1





#64

1,3-Dichlorobenzene

Concen: 1.182 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU061071.D

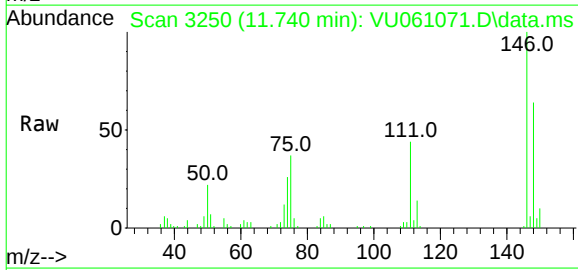
Acq: 02 Oct 2024 13:12

Instrument :

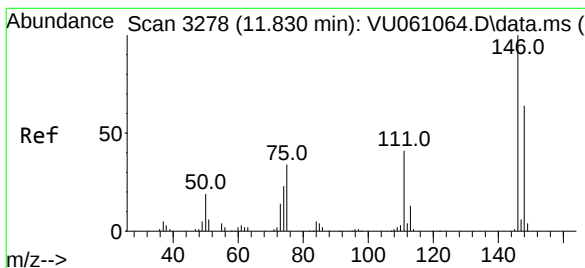
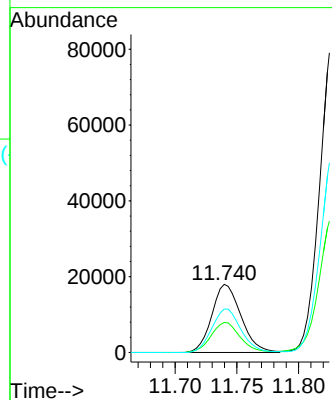
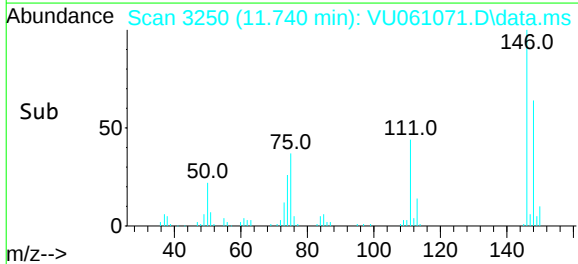
MSVOA_U

ClientSampleId :

PMW-7S(20240927)DL



Tgt Ion:	146	Resp:	29556
Ion Ratio	Lower	Upper	
146	100		
111	44.1	27.5	51.1
148	63.8	43.7	81.1



#65

1,4-Dichlorobenzene

Concen: 5.763 ug/L

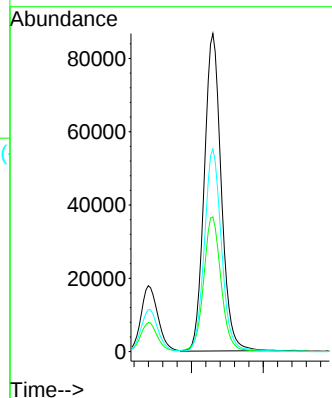
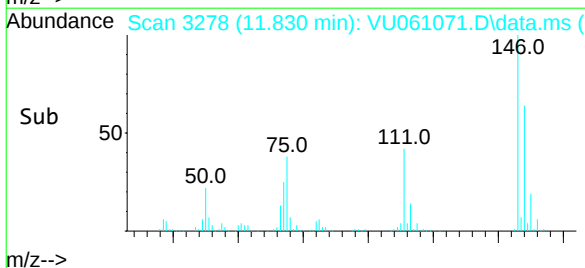
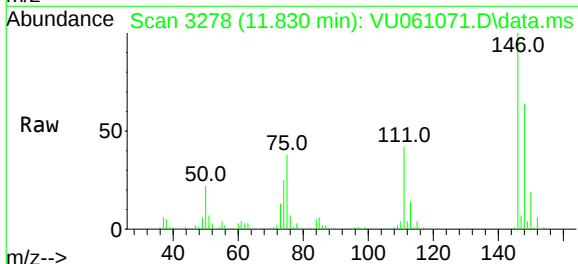
RT: 11.830 min Scan# 3278

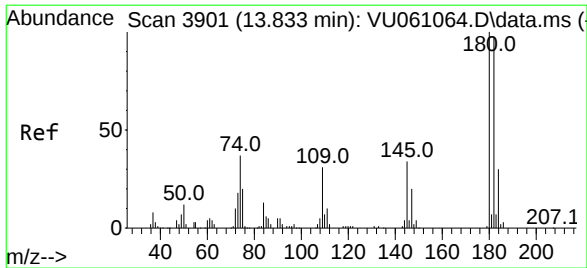
Delta R.T. -0.000 min

Lab File: VU061071.D

Acq: 02 Oct 2024 13:12

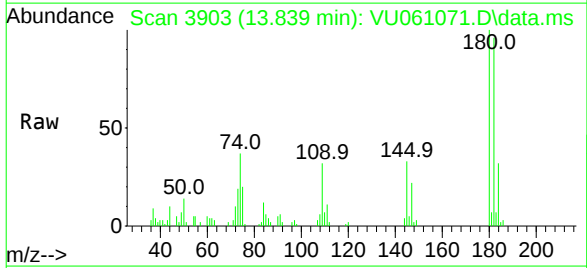
Tgt Ion:	146	Resp:	142458
Ion Ratio	Lower	Upper	
146	100		
111	42.3	26.3	48.9
148	63.7	45.3	84.1





#70
1,2,4-trichlorobenzene
Concen: 1.148 ug/L
RT: 13.839 min Scan# 39
Delta R.T. 0.006 min
Lab File: VU061071.D
Acq: 02 Oct 2024 13:12

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20240927)DL



Tgt Ion:	180	Resp:	15487
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.4	116.2
145	32.7	22.9	34.3

