

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057181.D
 Acq On : 22 Dec 2023 10:32
 Operator : MD/SY
 Sample : 05912-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N0

Quant Time: Dec 22 12:39:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 01:33:10 2023
 Response via : Initial Calibration

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

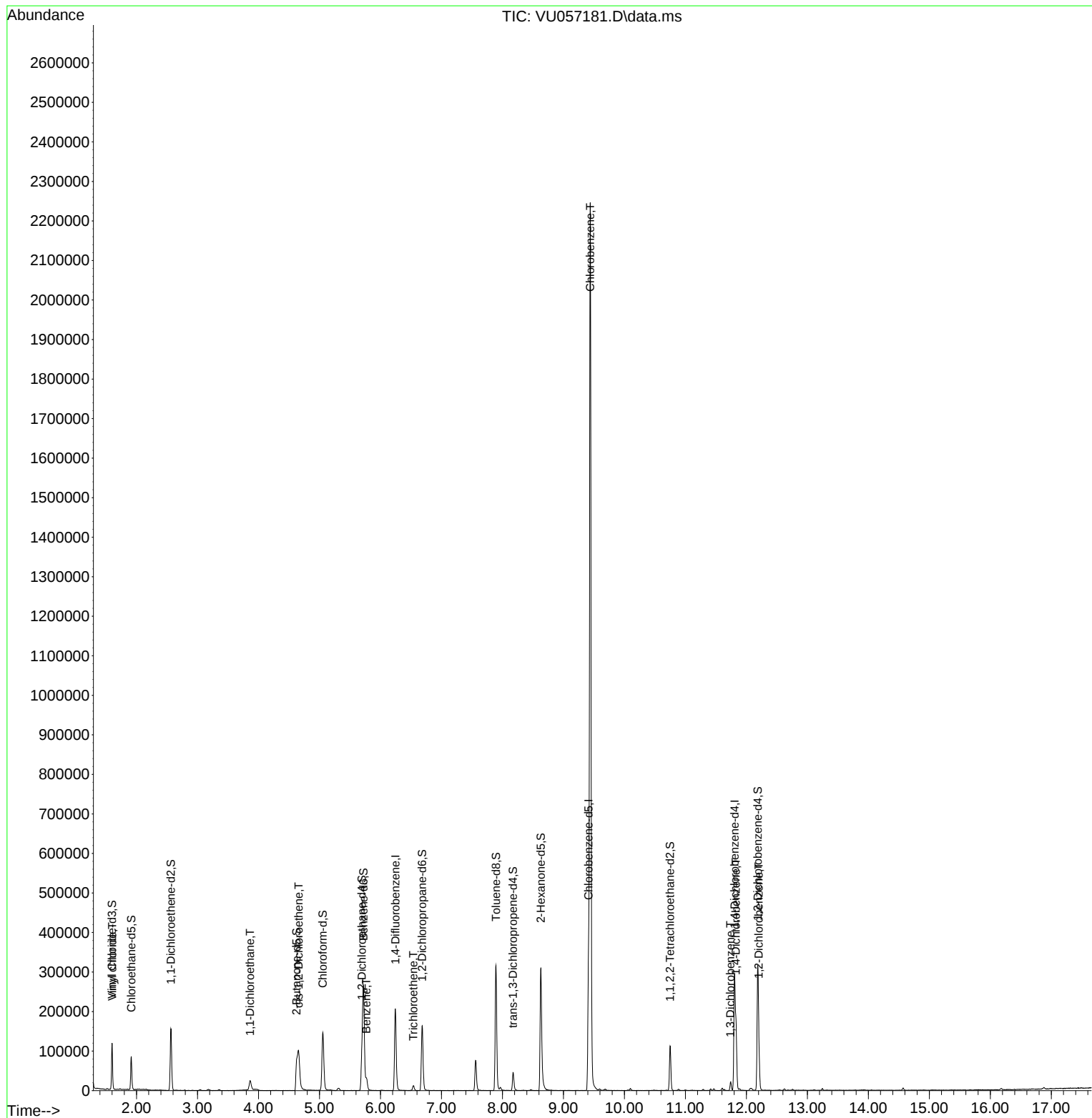
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	167489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73399	4.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.914	69	61914	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	29193	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.624	46	120085	47.776	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.560%
24) Chloroform-d	5.055	84	139693	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	71133	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	257392	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.685	67	75387	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.894	98	216183	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	28225	4.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.630	63	105928	46.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55134	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	77347	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	12642	0.863	ug/L	93
19) 1,1-Dichloroethane	3.862	63	25910	1.069	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	38044	2.829	ug/L	97
33) Benzene	5.772	78	27422	0.523	ug/L	100
34) Trichloroethene	6.541	95	4789	0.313	ug/L	95
51) Chlorobenzene	9.441	112	1193669	33.023	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	8712	0.335	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	63293	2.419	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	26460	1.138	ug/L	98

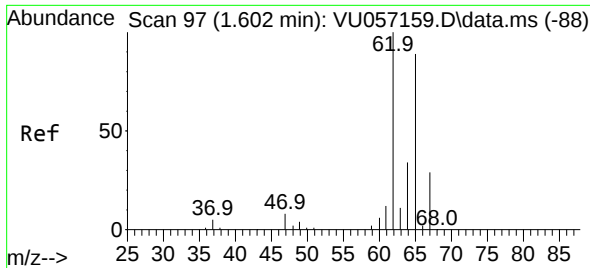
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057181.D
Acq On : 22 Dec 2023 10:32
Operator : MD/SY
Sample : 05912-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH3N0

Quant Time: Dec 22 12:39:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 22 01:33:10 2023
Response via : Initial Calibration

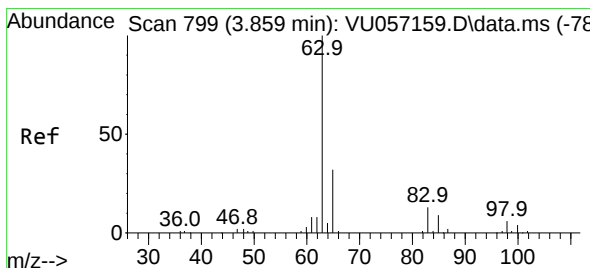
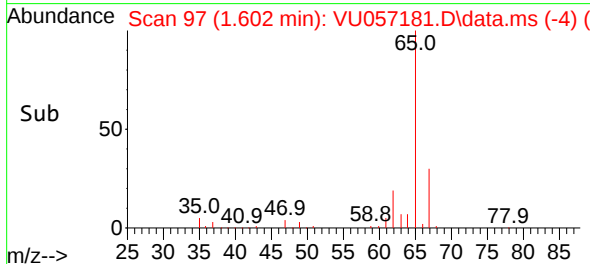
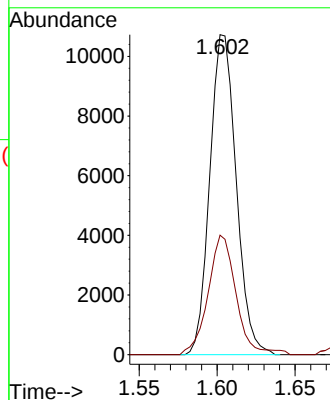
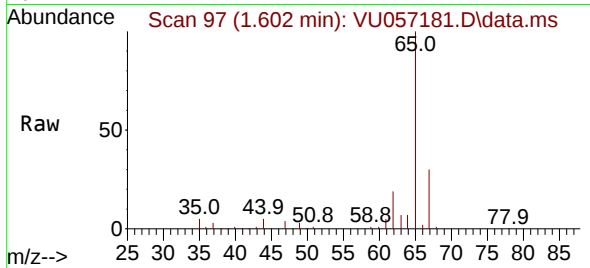




#5
 Vinyl chloride
 Concen: 0.863 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057181.D
 Acq: 22 Dec 2023 10:32

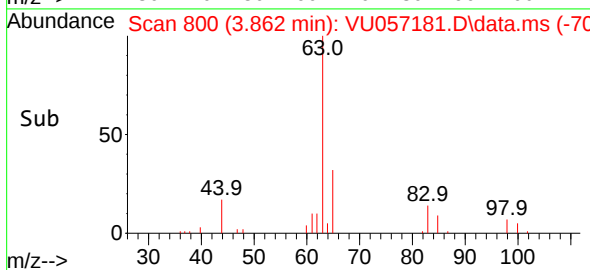
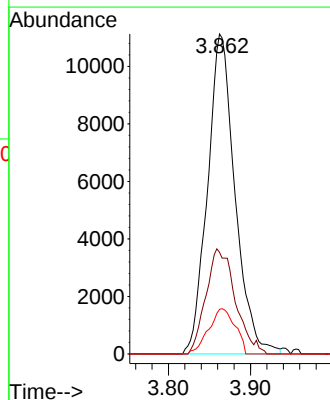
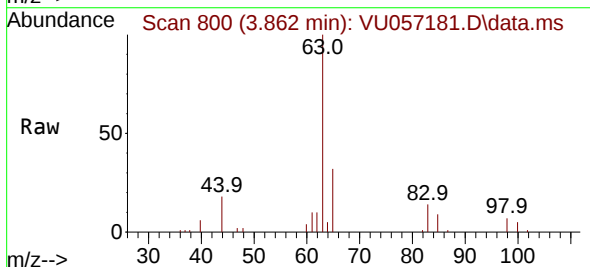
Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N0

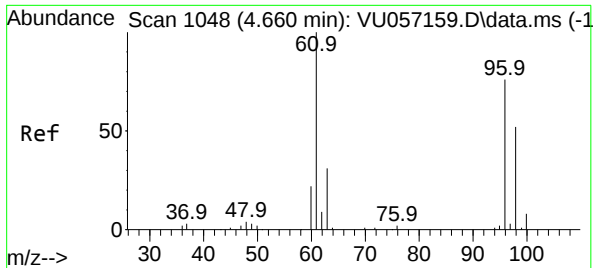
Tgt Ion: 62 Resp: 12642
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.3 43.3



#19
 1,1-Dichloroethane
 Concen: 1.069 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU057181.D
 Acq: 22 Dec 2023 10:32

Tgt Ion: 63 Resp: 25910
 Ion Ratio Lower Upper
 63 100
 65 31.8 21.6 40.2
 83 13.9 10.2 19.0

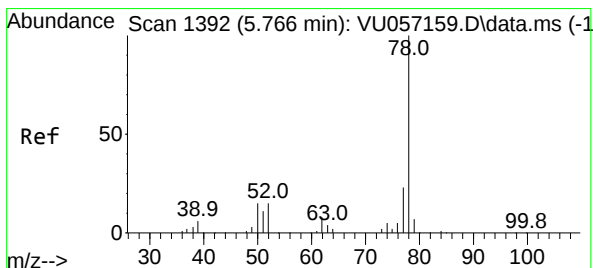
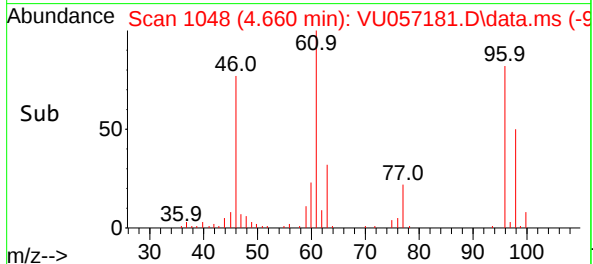
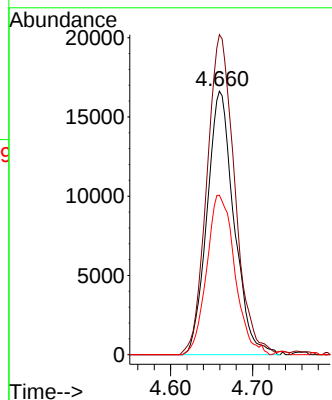
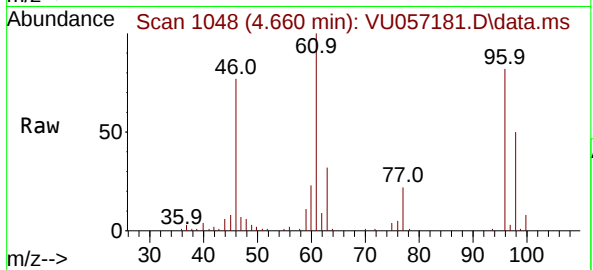




#22
 cis-1,2-Dichloroethene
 Concen: 2.829 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057181.D
 Acq: 22 Dec 2023 10:32

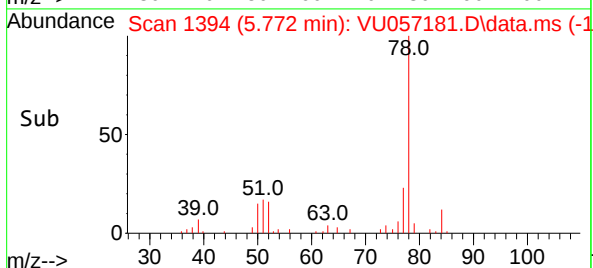
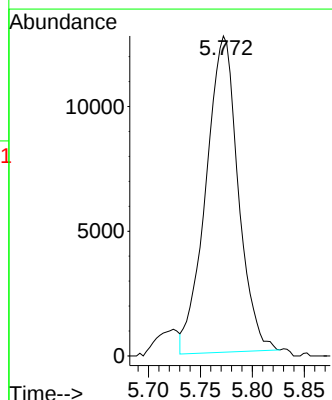
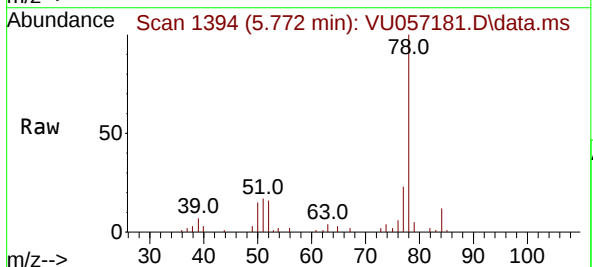
Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N0

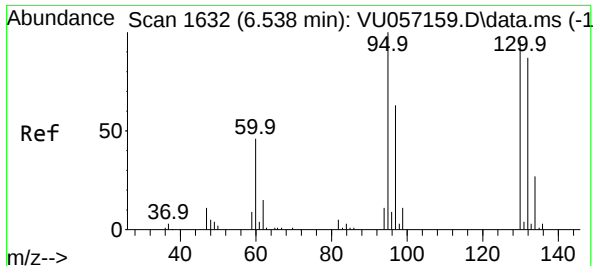
Tgt Ion: 96 Resp: 38044
 Ion Ratio Lower Upper
 96 100
 61 121.5 86.8 161.2
 98 60.5 45.5 84.5



#33
 Benzene
 Concen: 0.523 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VU057181.D
 Acq: 22 Dec 2023 10:32

Tgt Ion: 78 Resp: 27422



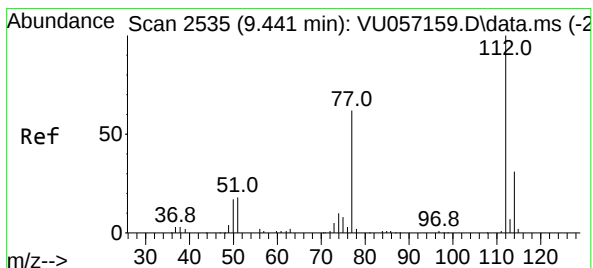
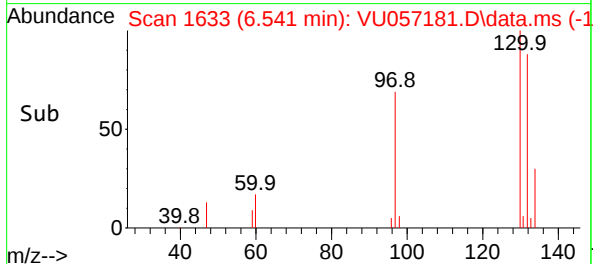
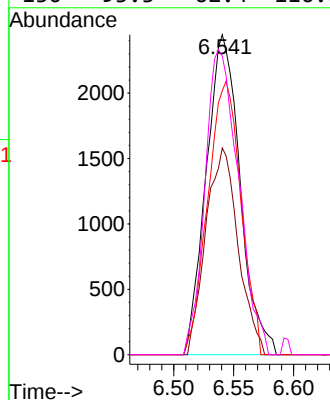
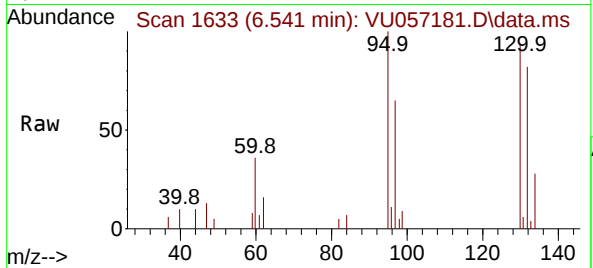


#34
Trichloroethene
Concen: 0.313 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :
BH3N0

Tgt Ion: 95 Resp: 4789

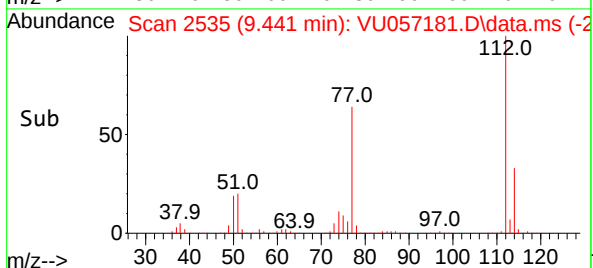
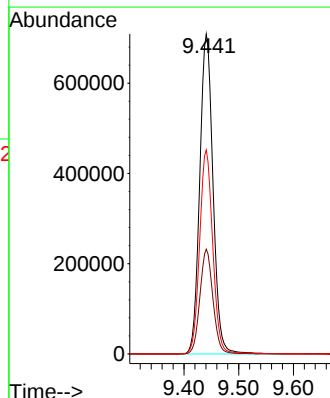
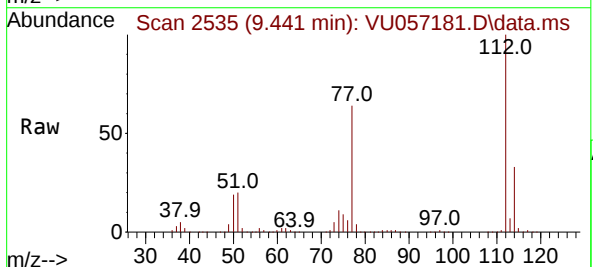
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.3	82.3
132	82.5	62.6	116.2
130	93.3	62.4	116.0

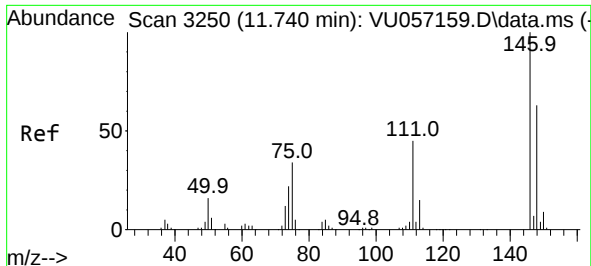


#51
Chlorobenzene
Concen: 33.023 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion: 112 Resp: 1193669

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.1
77	63.7	52.2	78.2

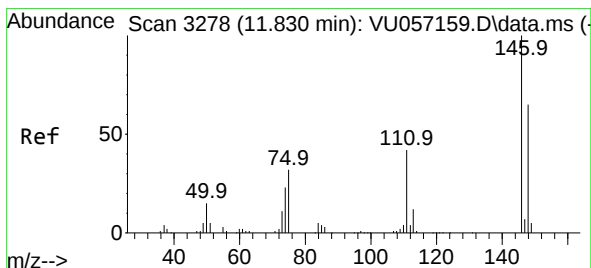
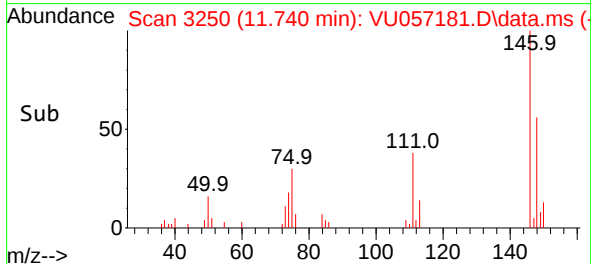
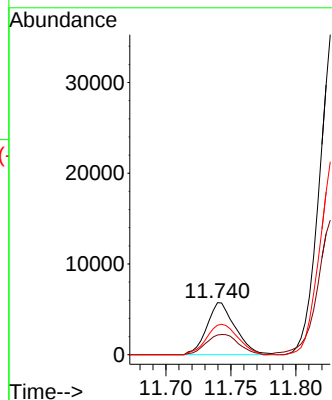
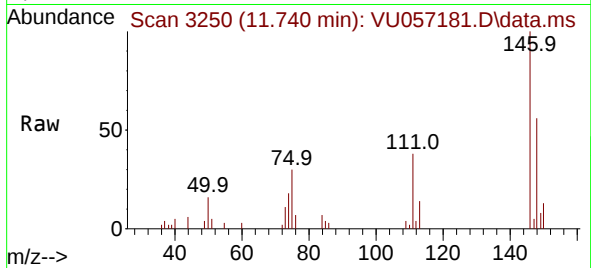




#64
1,3-Dichlorobenzene
Concen: 0.335 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

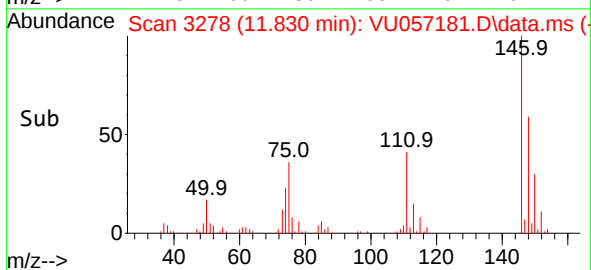
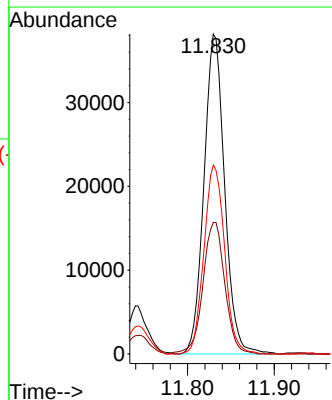
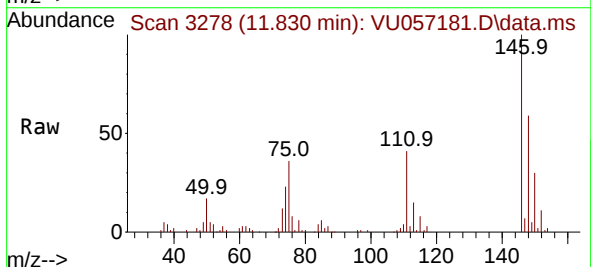
Instrument :
MSVOA_U
ClientSampleId :
BH3N0

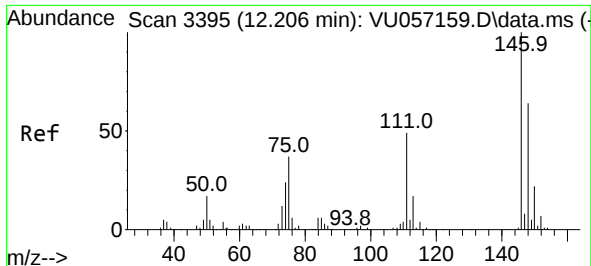
Tgt Ion:146 Resp: 8712
Ion Ratio Lower Upper
146 100
111 37.9 30.4 56.4
148 56.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 2.419 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU057181.D
Acq: 22 Dec 2023 10:32

Tgt Ion:146 Resp: 63293
Ion Ratio Lower Upper
146 100
111 41.1 28.1 52.3
148 59.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 1.138 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057181.D

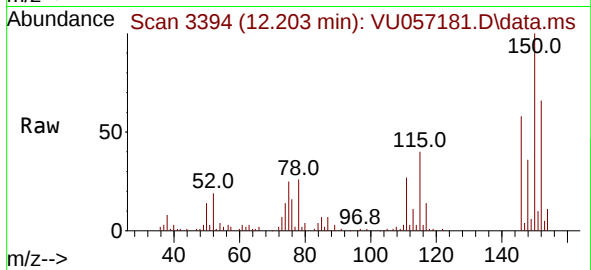
Acq: 22 Dec 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

BH3N0



Tgt Ion:146 Resp: 26460

Ion Ratio Lower Upper

146 100

111 46.1 37.9 56.9

148 61.6 50.1 75.1

