

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057303.D
 Acq On : 28 Dec 2023 01:31
 Operator : MD/SY
 Sample : 06021-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z6

Quant Time: Dec 28 01:51:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

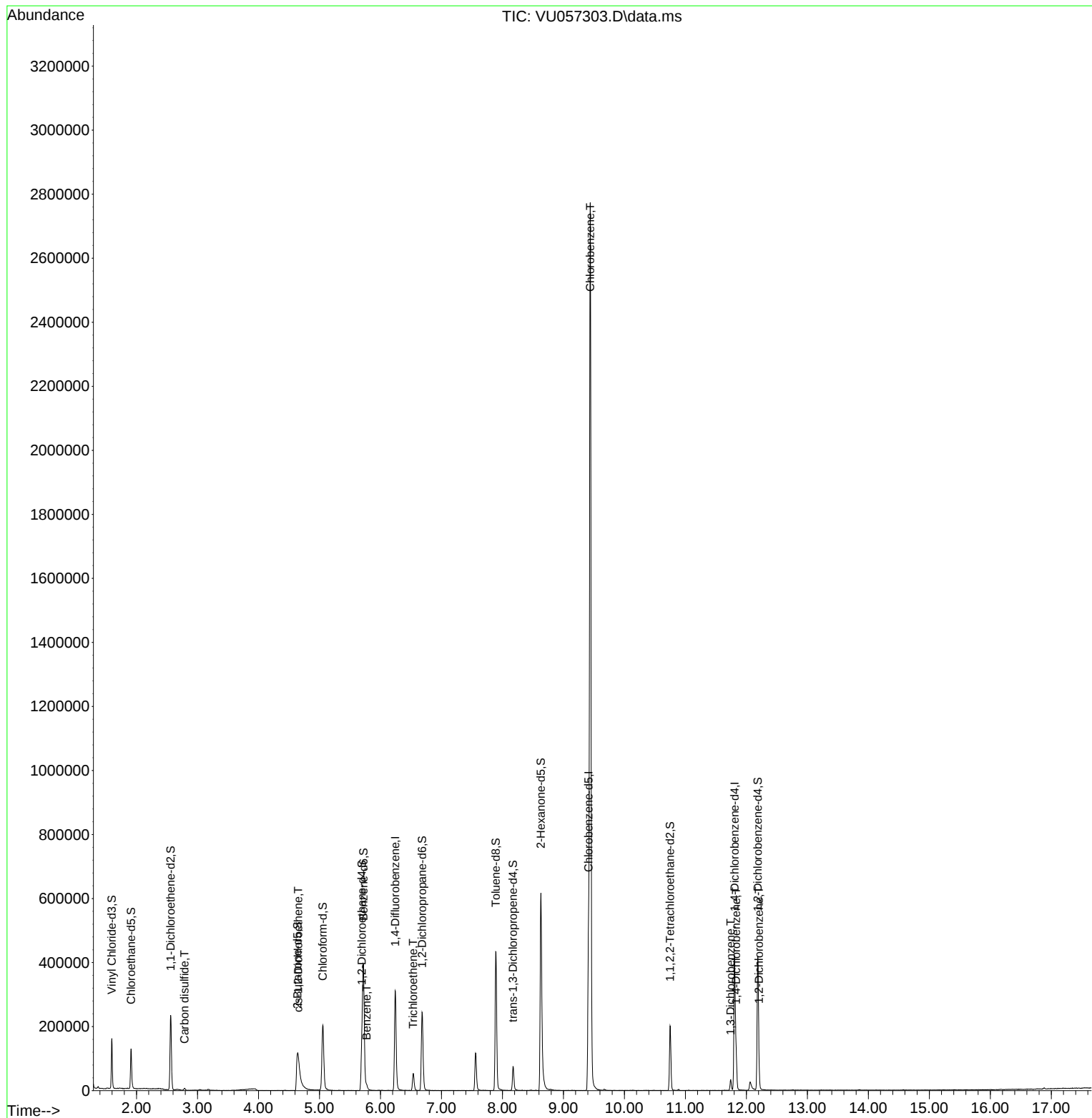
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	248472	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	254544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	110122	5.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.911	69	96835	5.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.800%
11) 1,1-Dichloroethene-d2	2.560	65	45197	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	4.640	46	279483	57.768	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.540%
24) Chloroform-d	5.055	84	197256	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.695	65	106764	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.721	84	369477	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	122365	5.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.891	98	293223	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.174	79	45718	5.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.630	63	217695	52.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	102660	5.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	108808	5.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
14) Carbon disulfide	2.788	76	8189	0.177	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	1866	0.100	ug/L	96
33) Benzene	5.775	78	14193	0.194	ug/L	100
34) Trichloroethene	6.537	95	19438	0.995	ug/L	96
51) Chlorobenzene	9.441	112	1476724	30.771	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	12535	0.402	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	43233	1.361	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	7984	0.266	ug/L	96

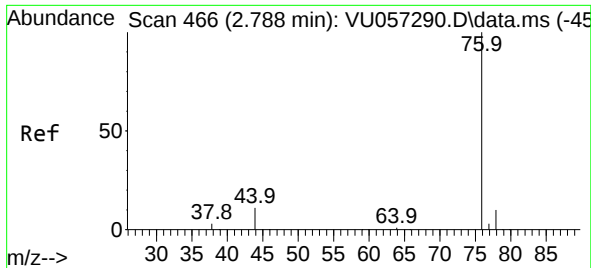
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 00:43:53 2023
Response via : Initial Calibration

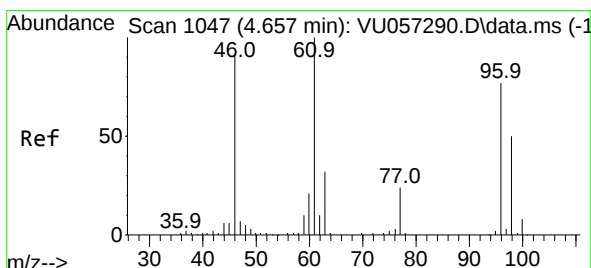
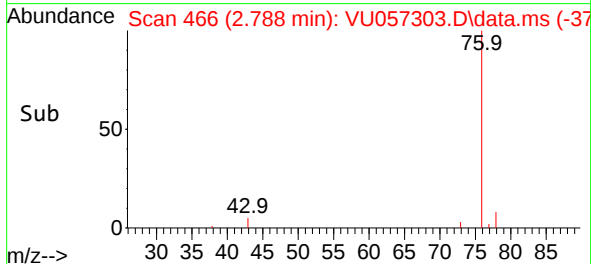
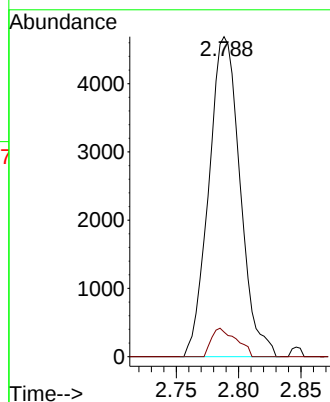
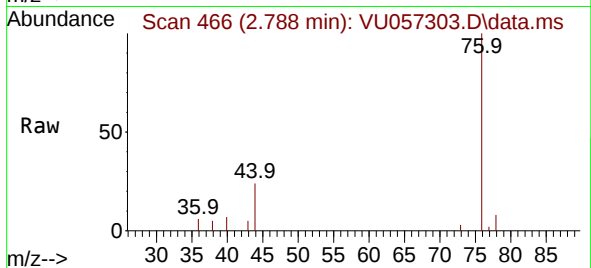




#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

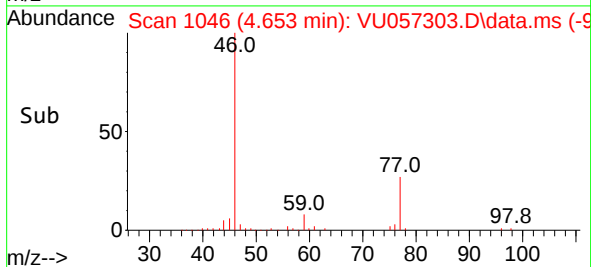
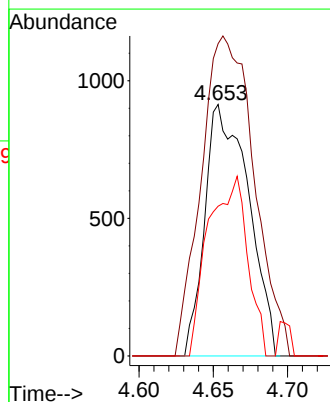
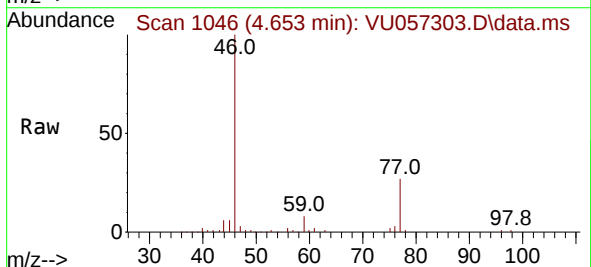
Instrument :
MSVOA_U
ClientSampleId :
BH7Z6

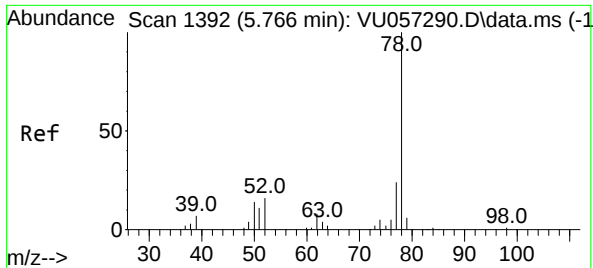
Tgt Ion: 76 Resp: 8189
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#22
cis-1,2-Dichloroethene
Concen: 0.100 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

Tgt Ion: 96 Resp: 1866
Ion Ratio Lower Upper
96 100
61 124.2 91.1 169.3
98 59.5 42.6 79.0

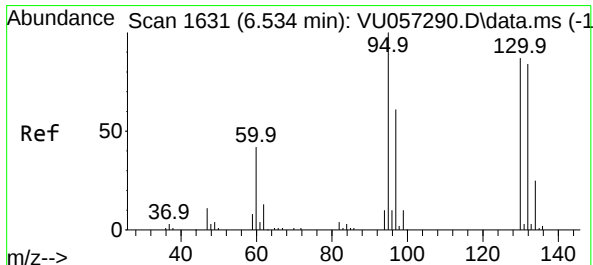
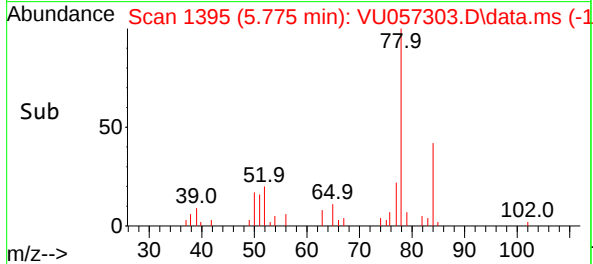
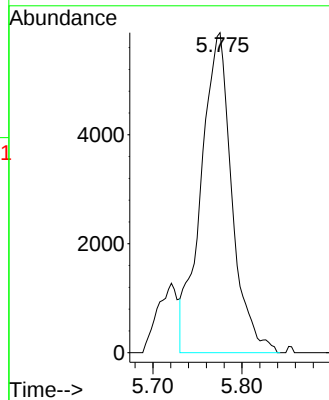
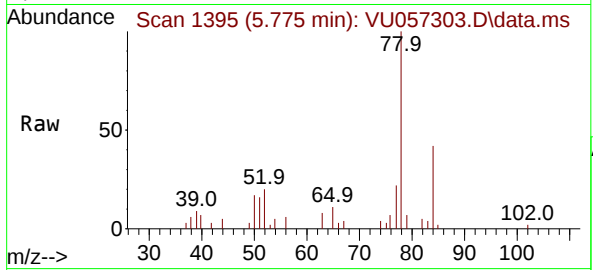




#33
Benzene
Concen: 0.194 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

Instrument :
MSVOA_U
ClientSampleId :
BH7Z6

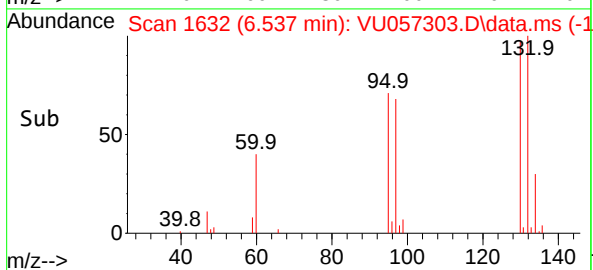
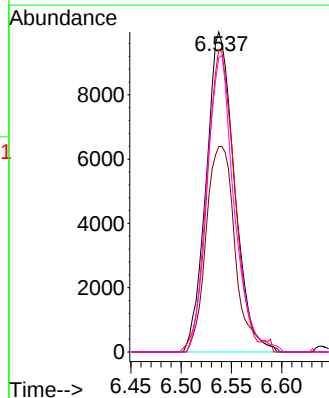
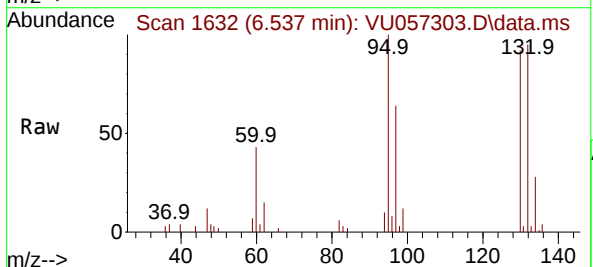
Tgt Ion: 78 Resp: 14193

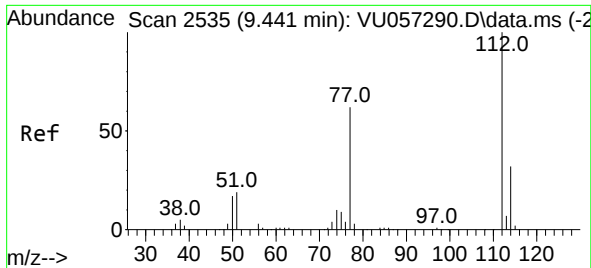


#34
Trichloroethene
Concen: 0.995 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

Tgt Ion: 95 Resp: 19438

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.3	84.1
132	94.5	63.1	117.3
130	92.0	67.7	125.7

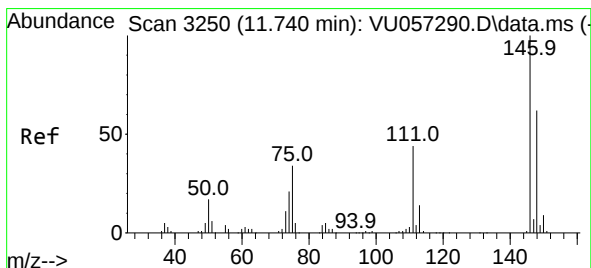
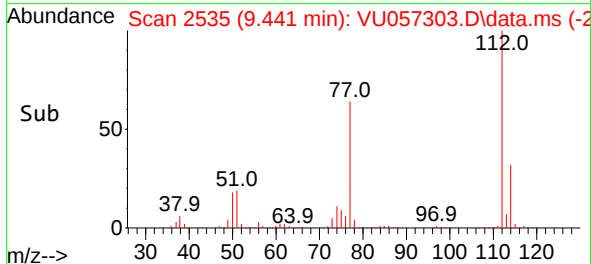
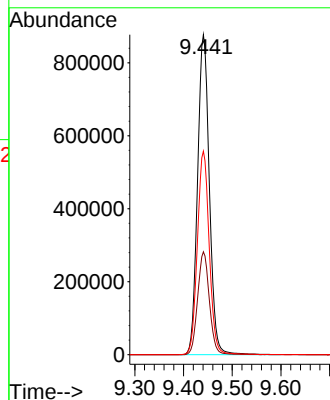
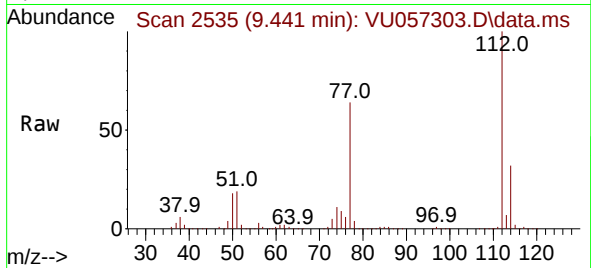




#51
Chlorobenzene
Concen: 30.771 ug/L
RT: 9.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

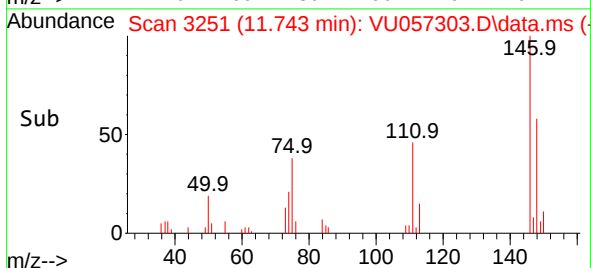
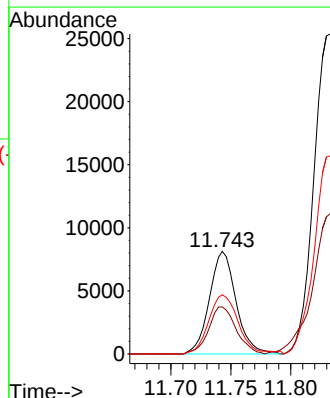
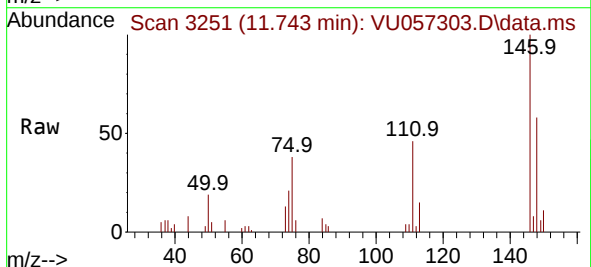
Instrument :
MSVOA_U
ClientSampleId :
BH7Z6

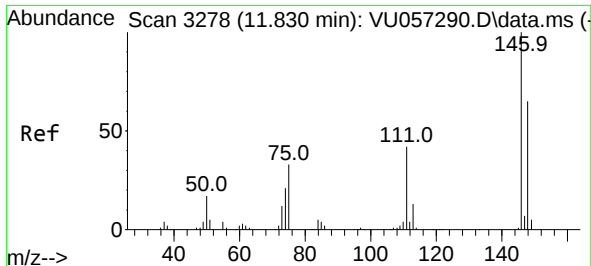
Tgt Ion:112 Resp: 1476724
Ion Ratio Lower Upper
112 100
114 32.2 21.8 40.4
77 63.6 51.2 76.8



#64
1,3-Dichlorobenzene
Concen: 0.402 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

Tgt Ion:146 Resp: 12535
Ion Ratio Lower Upper
146 100
111 45.8 31.4 58.2
148 57.7 44.3 82.3

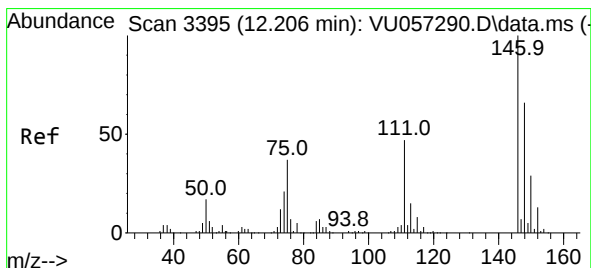
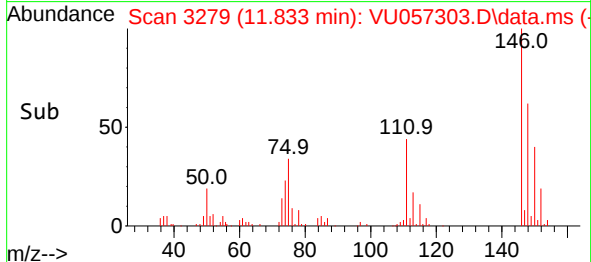
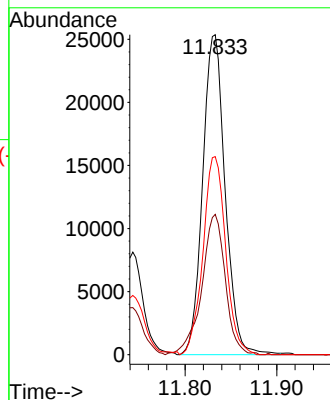
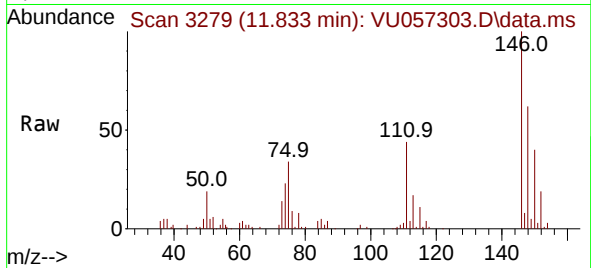




#65
1,4-Dichlorobenzene
Concen: 1.361 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

Instrument :
MSVOA_U
ClientSampleId :
BH7Z6

Tgt Ion:146 Resp: 43233
Ion Ratio Lower Upper
146 100
111 43.8 30.9 57.3
148 61.9 43.4 80.6



#67
1,2-Dichlorobenzene
Concen: 0.266 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU057303.D
Acq: 28 Dec 2023 01:31

Tgt Ion:146 Resp: 7984
Ion Ratio Lower Upper
146 100
111 42.2 37.8 56.8
148 65.7 51.4 77.0

