

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057158.D
 Acq On : 22 Dec 2023 00:52
 Operator : MD/SY
 Sample : 05894-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N6

Quant Time: Dec 22 01:07:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

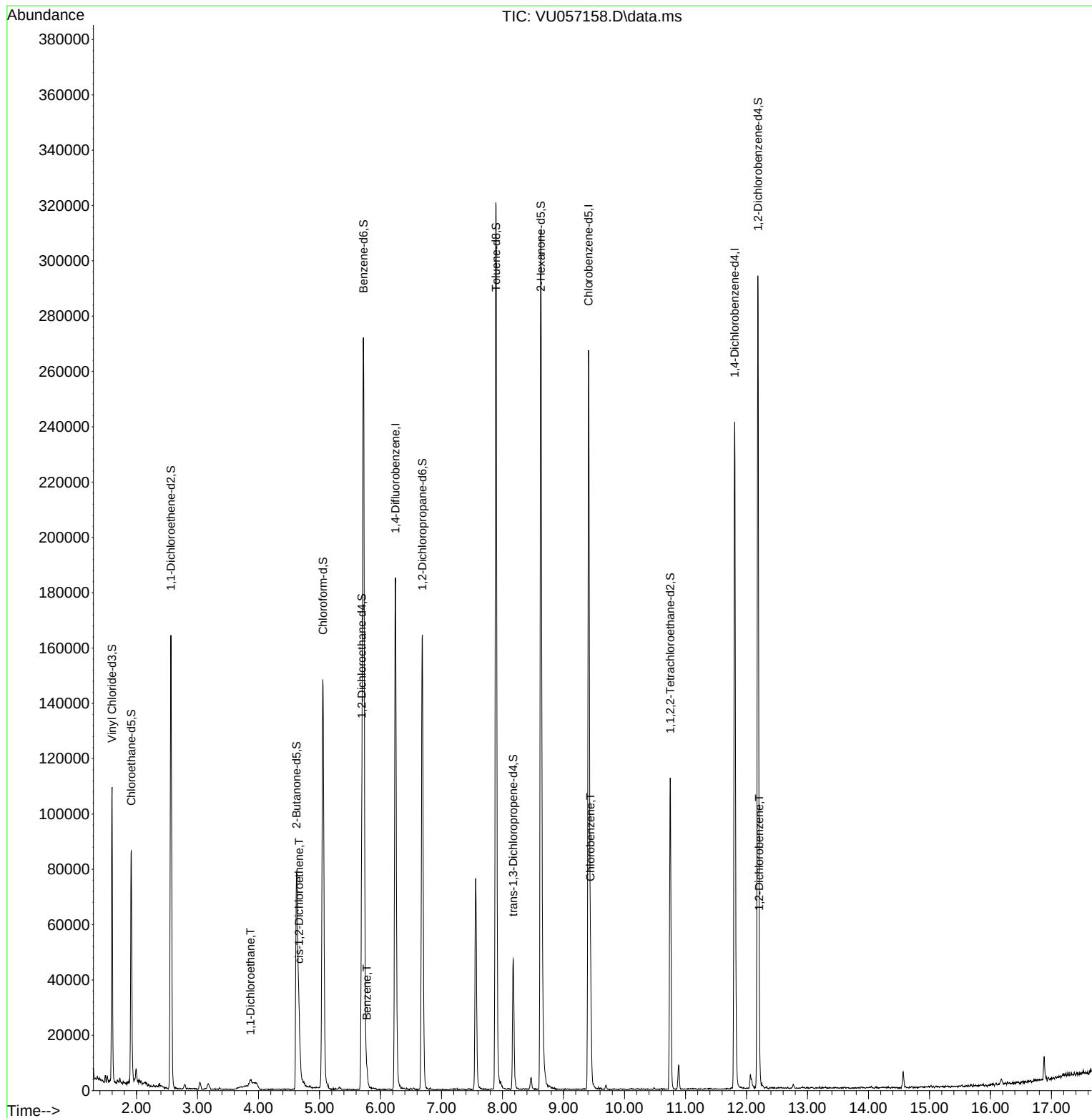
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	148716	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	148853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	64696	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	71649	5.041	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5		1.914	69	62441	5.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%	
11) 1,1-Dichloroethene-d2		2.563	65	31690	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%	
20) 2-Butanone-d5		4.624	46	127929	57.322	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.640%	
24) Chloroform-d		5.055	84	143941	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4		5.695	65	71686	5.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%	
32) Benzene-d6		5.721	84	259599	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6		6.685	67	76553	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%	
41) Toluene-d8		7.894	98	219067	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...		8.177	79	29782	4.924	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5		8.627	63	107959	52.429	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.860%	
56) 1,1,2,2-Tetrachloroeth...		10.749	84	54855	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%	
66) 1,2-Dichlorobenzene-d4		12.187	152	74899	5.380	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%	
Target Compounds							
19) 1,1-Dichloroethane		3.869	63	2772	0.129	ug/L	Qvalue # 77
22) cis-1,2-Dichloroethene		4.666	96	6342	0.531	ug/L	89
33) Benzene		5.775	78	6222	0.132	ug/L	100
51) Chlorobenzene		9.441	112	21549	0.662	ug/L	99
67) 1,2-Dichlorobenzene		12.209	146	3150	0.156	ug/L	97

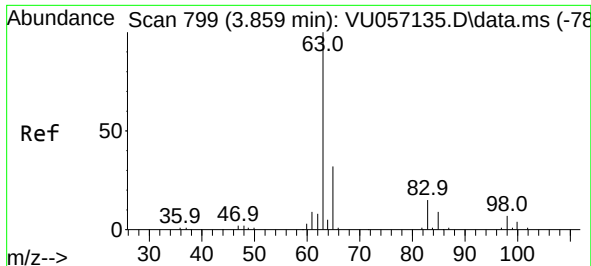
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 3.869 min Scan# 80

Delta R.T. 0.010 min

Lab File: VU057158.D

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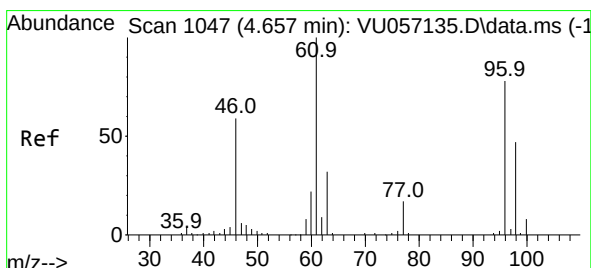
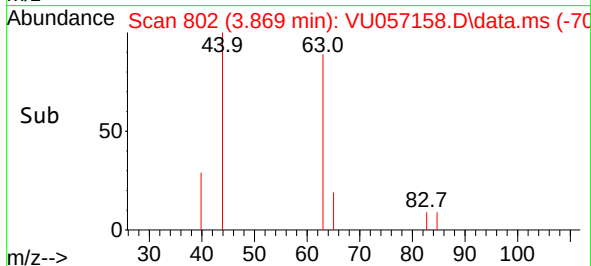
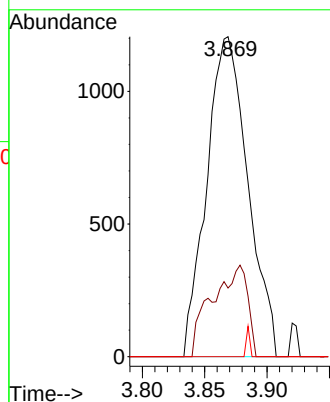
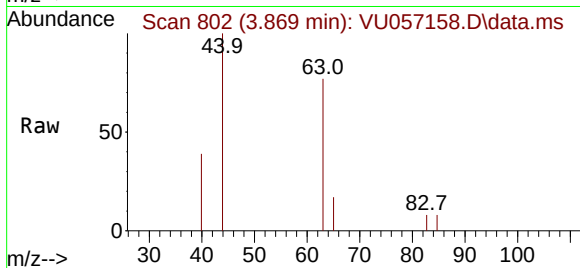
Tgt Ion: 63 Resp: 2772

Ion Ratio Lower Upper

63 100

65 21.5 21.6 40.2#

83 0.0 10.2 19.0#



#22

cis-1,2-Dichloroethene

Concen: 0.531 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU057158.D

Acq: 22 Dec 2023 00:52

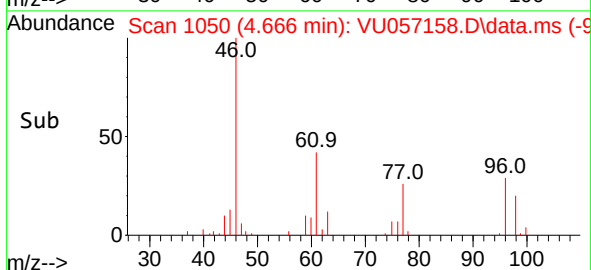
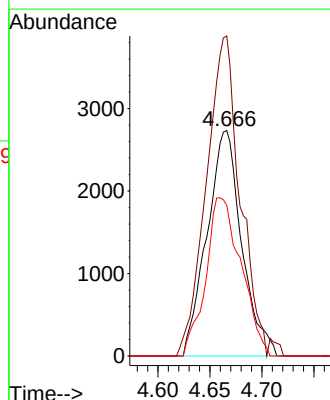
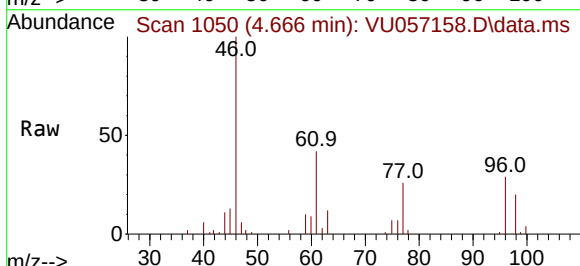
Tgt Ion: 96 Resp: 6342

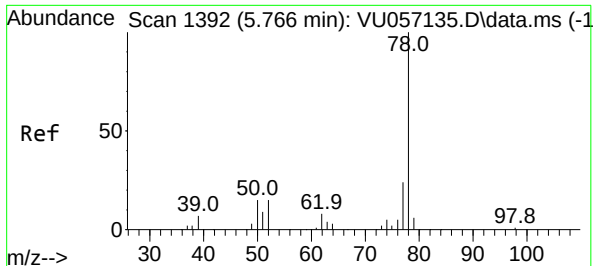
Ion Ratio Lower Upper

96 100

61 142.0 86.8 161.2

98 66.8 45.5 84.5

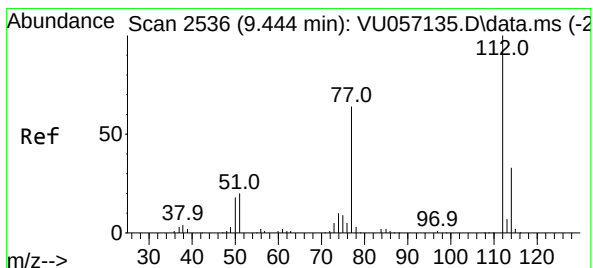
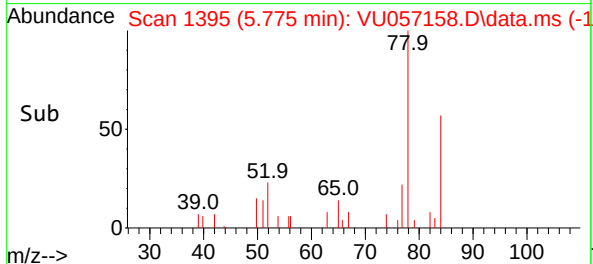
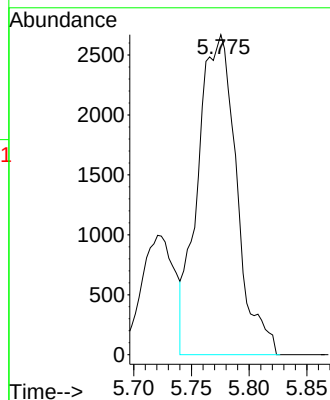
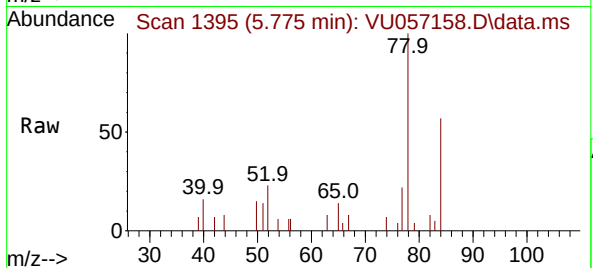




#33
Benzene
Concen: 0.132 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

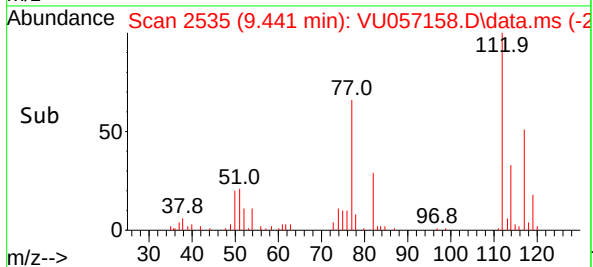
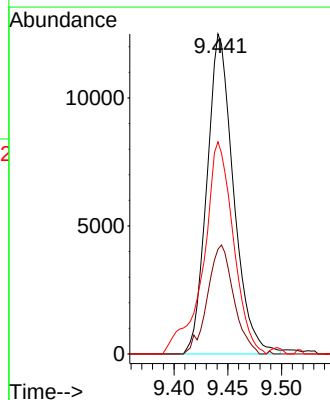
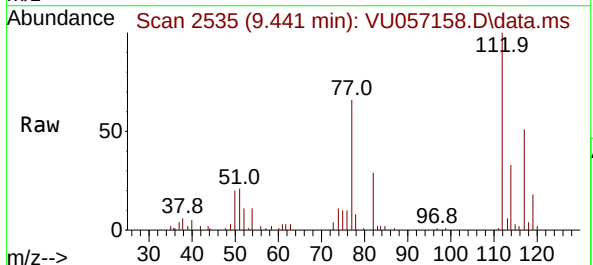
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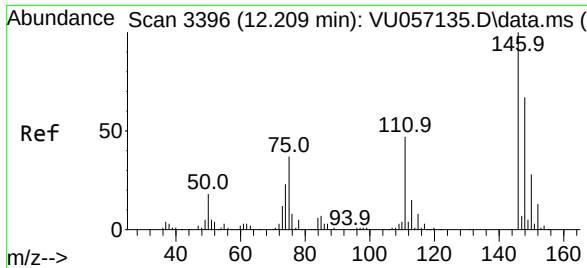
Tgt Ion: 78 Resp: 6222



#51
Chlorobenzene
Concen: 0.662 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057158.D
Acq: 22 Dec 2023 00:52

Tgt Ion: 112 Resp: 21549
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.1
77 66.3 52.2 78.2





#67
 1,2-Dichlorobenzene
 Concen: 0.156 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU057158.D
 Acq: 22 Dec 2023 00:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3N6

Tgt Ion:146 Resp: 3150
 Ion Ratio Lower Upper
 146 100
 111 45.5 37.9 56.9
 148 64.6 50.1 75.1

