

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052350.D
 Acq On : 12 Dec 2022 14:13
 Operator : JC/MD
 Sample : N5922-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 13 01:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

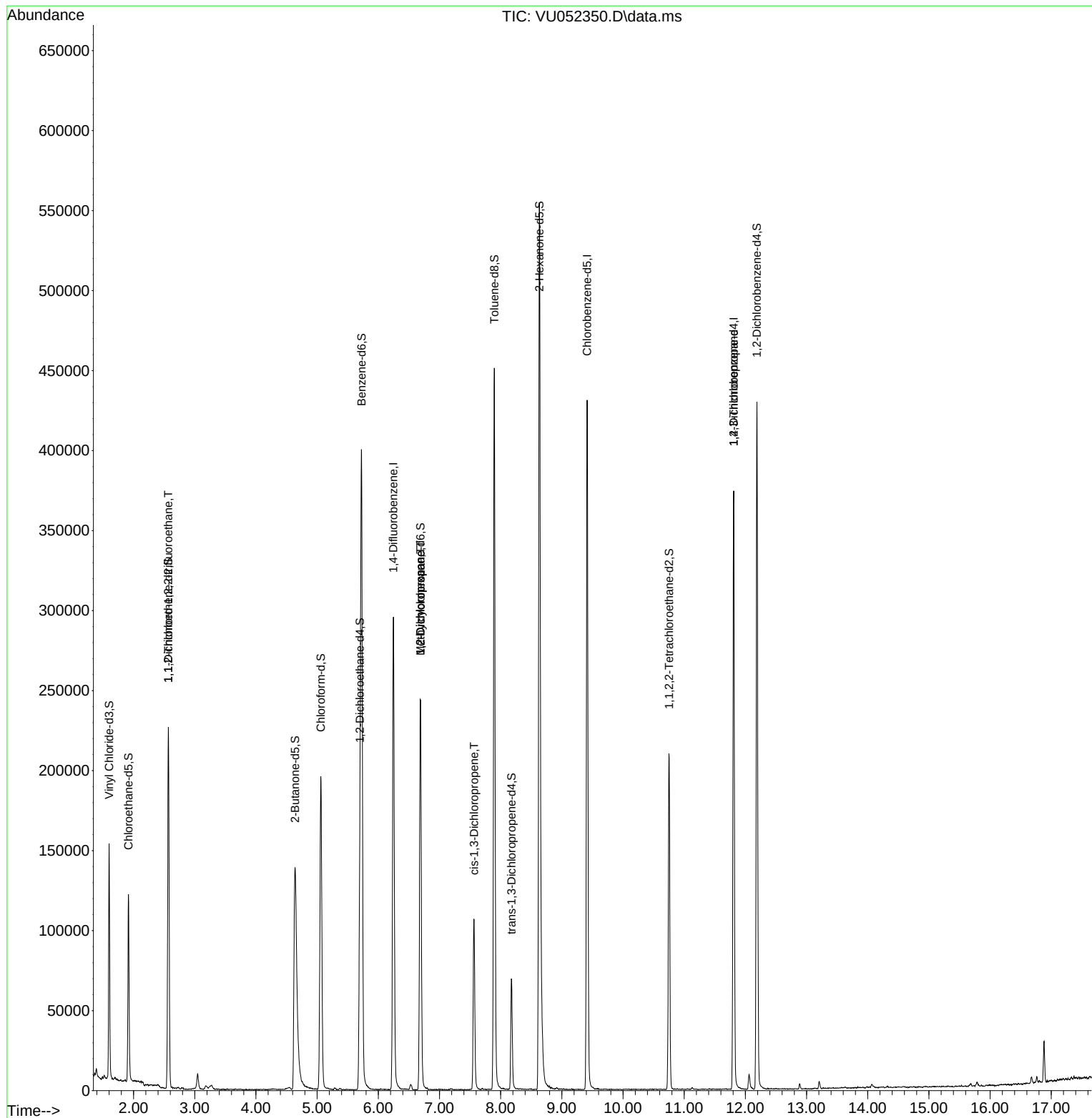
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250105	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	254976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	106794	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.916	69	91065	4.819	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.568	65	42510	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.639	46	275330	62.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.880%
24) Chloroform-d	5.060	84	187594	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.700	65	97399	5.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.726	84	392563	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.687	67	128630	5.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.896	98	316523	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.176	79	41506	4.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.632	63	195742	54.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.200%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	109683	5.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	119488	5.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1368	0.075	ug/L #	20
35) Methylcyclohexane	6.690	83	28427	0.955	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	12452	0.580	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2630	0.095	ug/L #	73
61) 1,2,3-Trichloropropane	11.809	75	11944	1.000	ug/L #	67

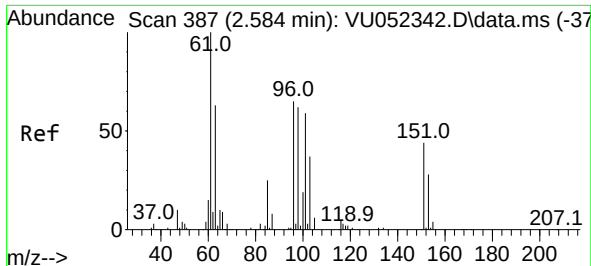
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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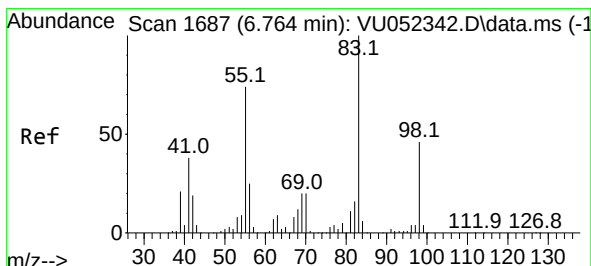
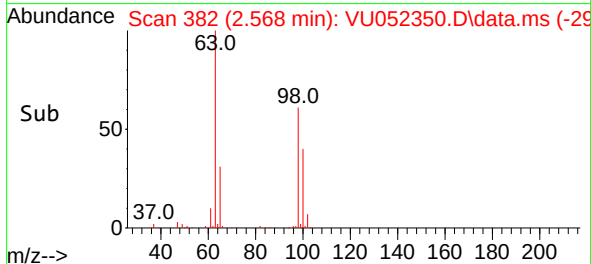
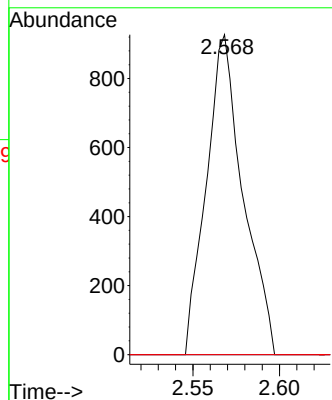
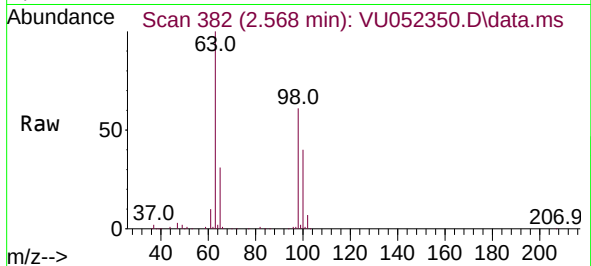




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.075 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU052350.D
 Acq: 12 Dec 2022 14:13

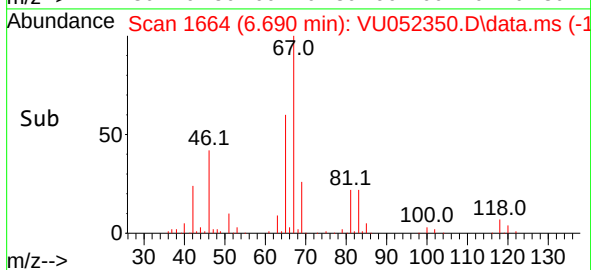
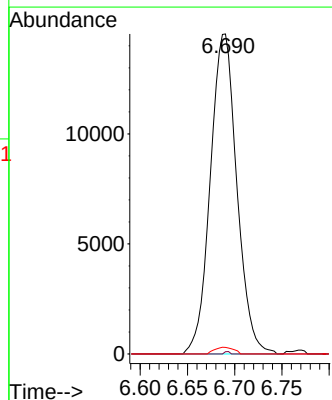
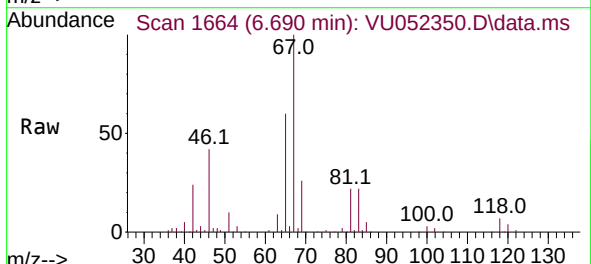
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 MSVOA_U
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 VHBLK001

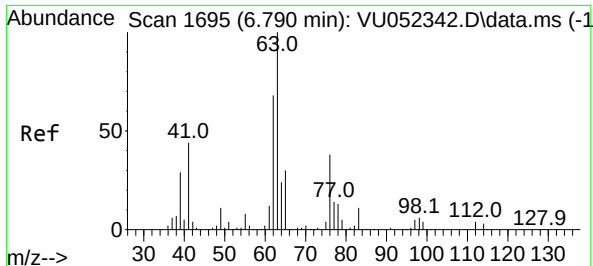
Tgt Ion: 101 Resp: 1368
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#



#35
 Methylcyclohexane
 Concen: 0.955 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.074 min
 Lab File: VU052350.D
 Acq: 12 Dec 2022 14:13

Tgt Ion: 83 Resp: 28427
 Ion Ratio Lower Upper
 83 100
 55 0.1 60.8 91.2#
 98 1.5 35.1 52.7#

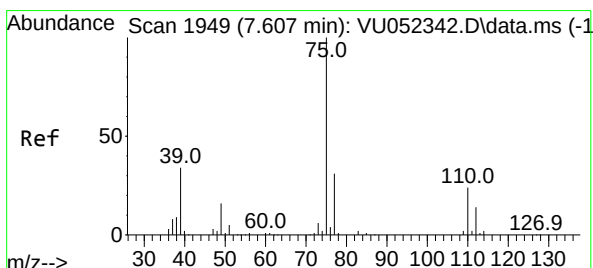
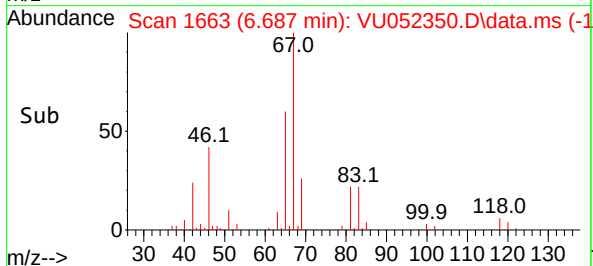
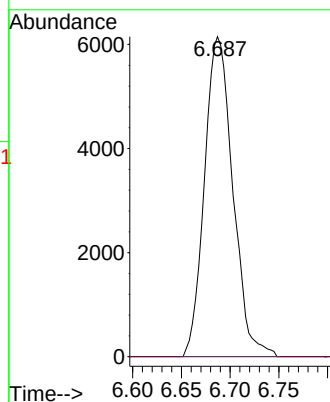
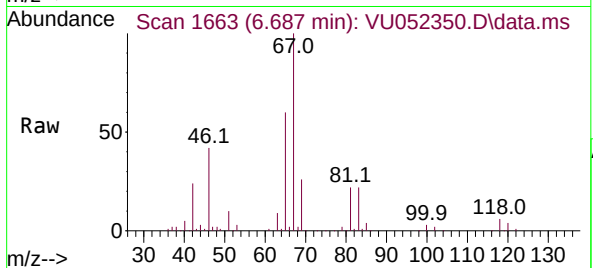




#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU052350.D
Acq: 12 Dec 2022 14:13

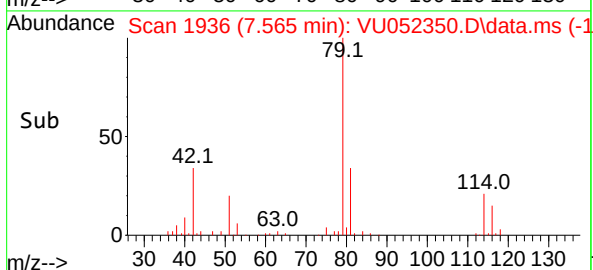
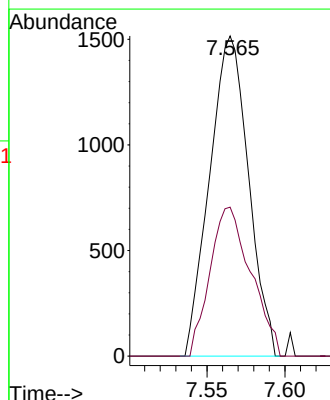
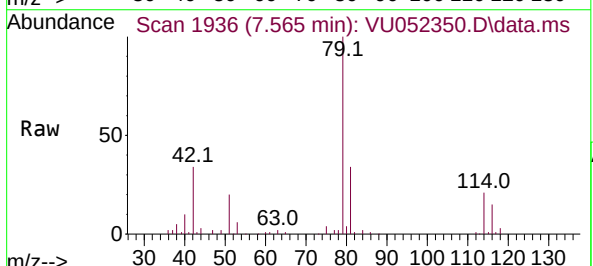
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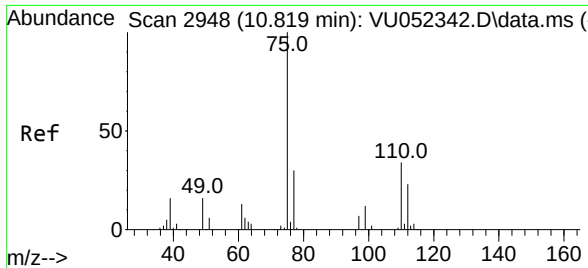
Tgt Ion: 63 Resp: 12452
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU052350.D
Acq: 12 Dec 2022 14:13

Tgt Ion: 75 Resp: 2630
Ion Ratio Lower Upper
75 100
77 46.5 22.0 40.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.000 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052350.D
 Acq: 12 Dec 2022 14:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 11944
 Ion Ratio Lower Upper
 75 100
 110 1.3 28.3 42.5#
 77 29.7 26.2 39.2

