

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051402.D
 Acq On : 12 Oct 2022 19:47
 Operator : JC/MD
 Sample : N4991-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Quant Time: Oct 13 01:43:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

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

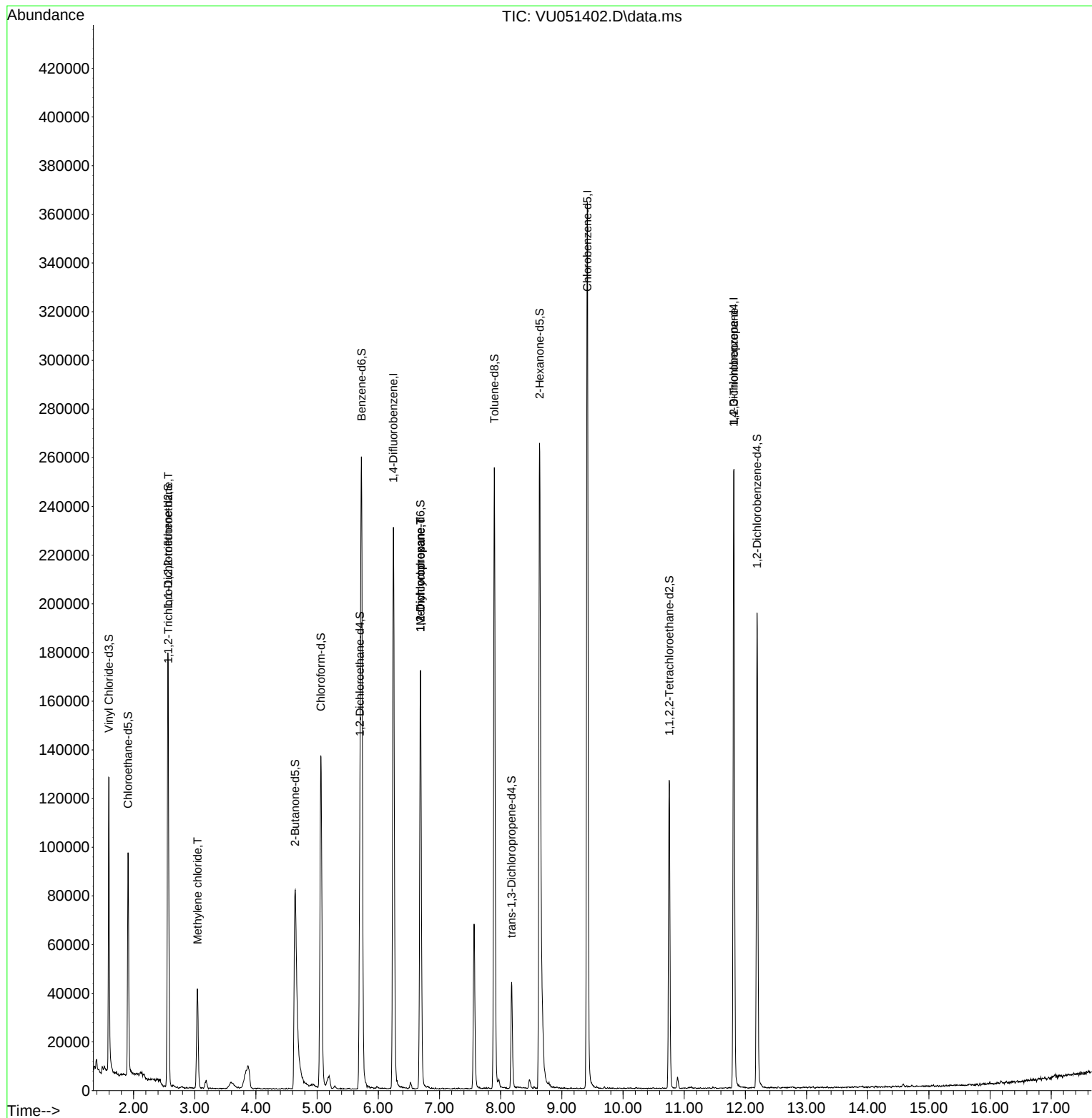
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185354	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68040	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	91523	6.121	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.400%
7) Chloroethane-d5	1.909	69	67407	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.562	65	35312	5.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.400%
20) 2-Butanone-d5	4.639	46	148048	44.975	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.940%
24) Chloroform-d	5.060	84	131730	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.700	65	69939	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	244023	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.687	67	85328	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.896	98	175713	3.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.179	79	25713	4.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.636	63	79205	37.164	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	66200	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	52879	4.471	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1008	0.070	ug/L #	21
16) Methylene chloride	3.044	84	20049	1.005	ug/L	97
35) Methylcyclohexane	6.690	83	18486	0.854	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	8876	0.471	ug/L #	89
61) 1,2,3-Trichloropropane	11.812	75	8263	0.962	ug/L #	71

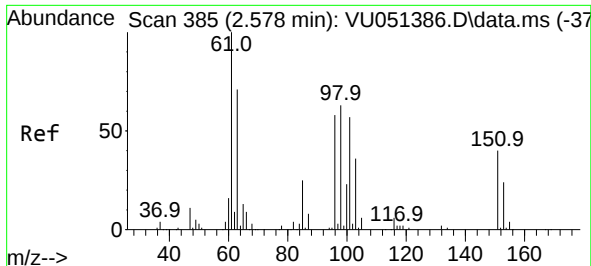
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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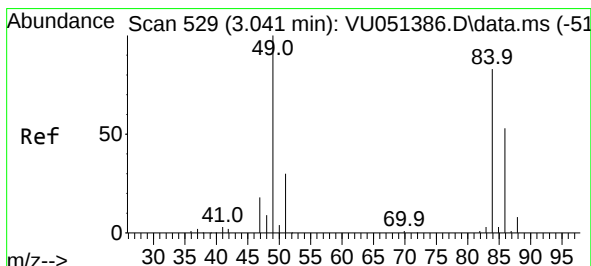
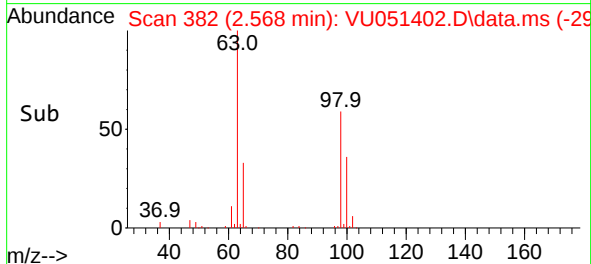
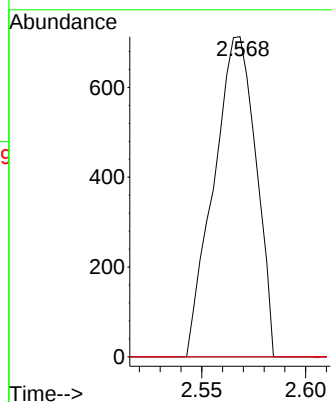
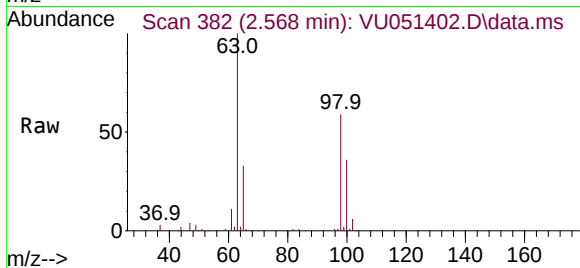




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.009 min
Lab File: VU051402.D
Acq: 12 Oct 2022 19:47

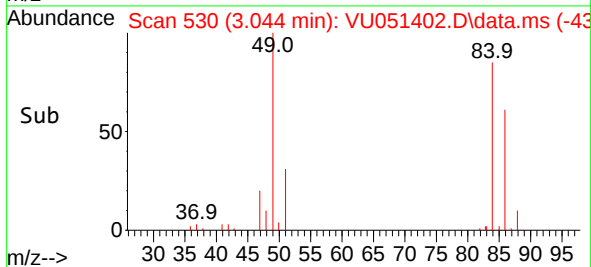
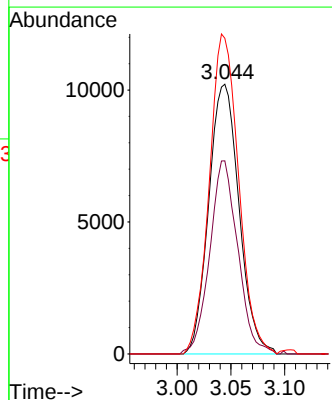
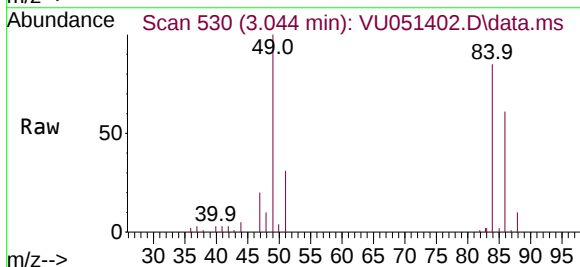
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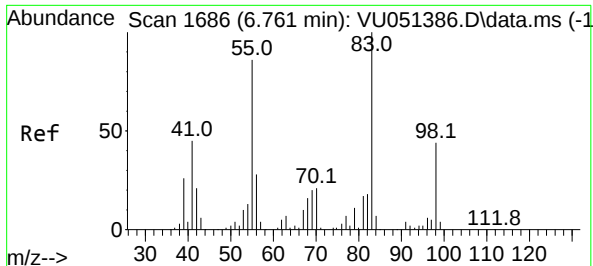
Tgt Ion:101 Resp: 1008
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 1.005 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051402.D
Acq: 12 Oct 2022 19:47

Tgt Ion: 84 Resp: 20049
Ion Ratio Lower Upper
84 100
86 71.6 46.5 86.3
49 117.1 81.3 151.1

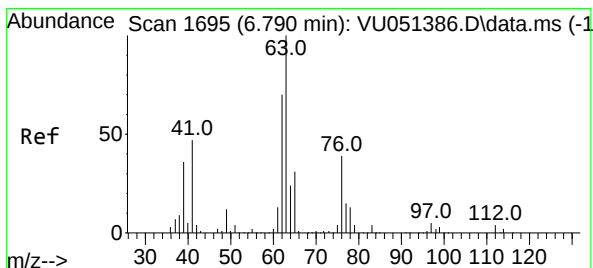
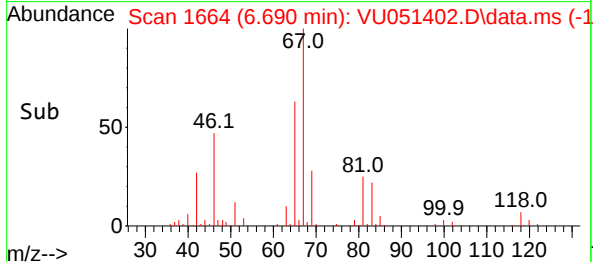
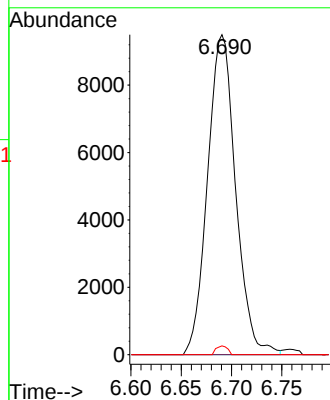
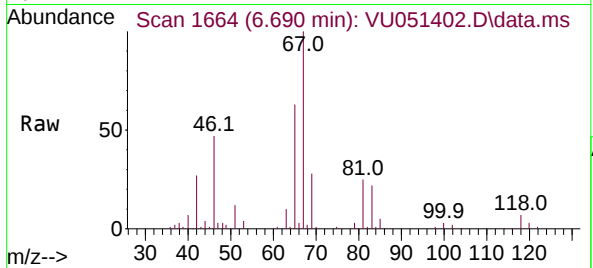




#35
Methylcyclohexane
Concen: 0.854 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051402.D
Acq: 12 Oct 2022 19:47

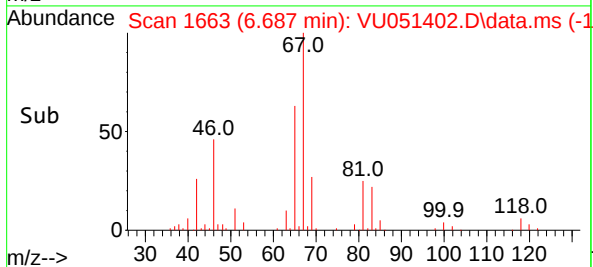
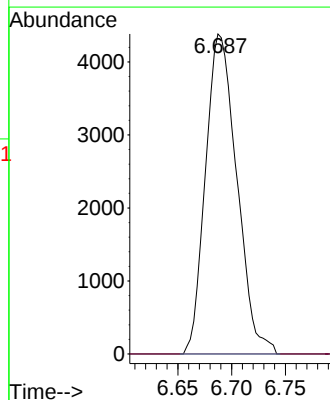
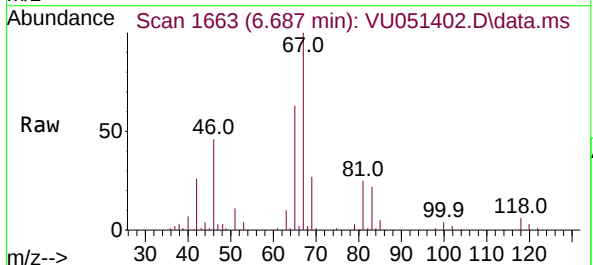
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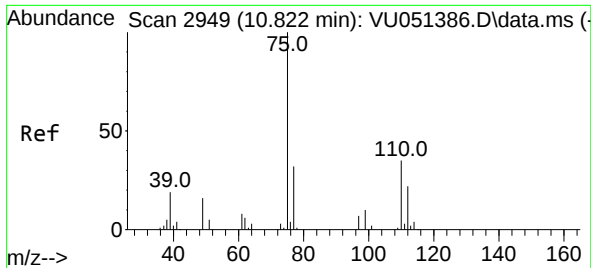
Tgt Ion: 83 Resp: 18486
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 1.1 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051402.D
Acq: 12 Oct 2022 19:47

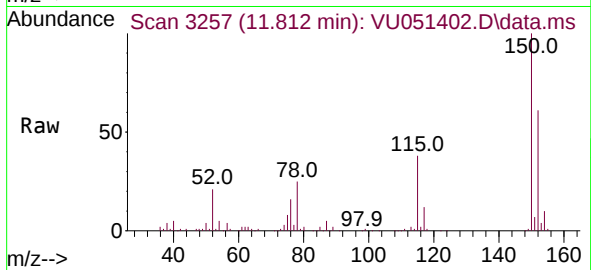
Tgt Ion: 63 Resp: 8876
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#61
1,2,3-Trichloropropane
Concen: 0.962 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU051402.D
Acq: 12 Oct 2022 19:47

Instrument :
MSVOA_U
ClientSampleId :
VSTD005178



Tgt Ion:	75	Resp:	8263
Ion	Ratio	Lower	Upper
75	100		
110	1.9	27.0	40.6#
77	33.9	26.4	39.6

