

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052261.D
 Acq On : 08 Dec 2022 20:11
 Operator : JC/MD
 Sample : N5922-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B22

Quant Time: Dec 08 22:33:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

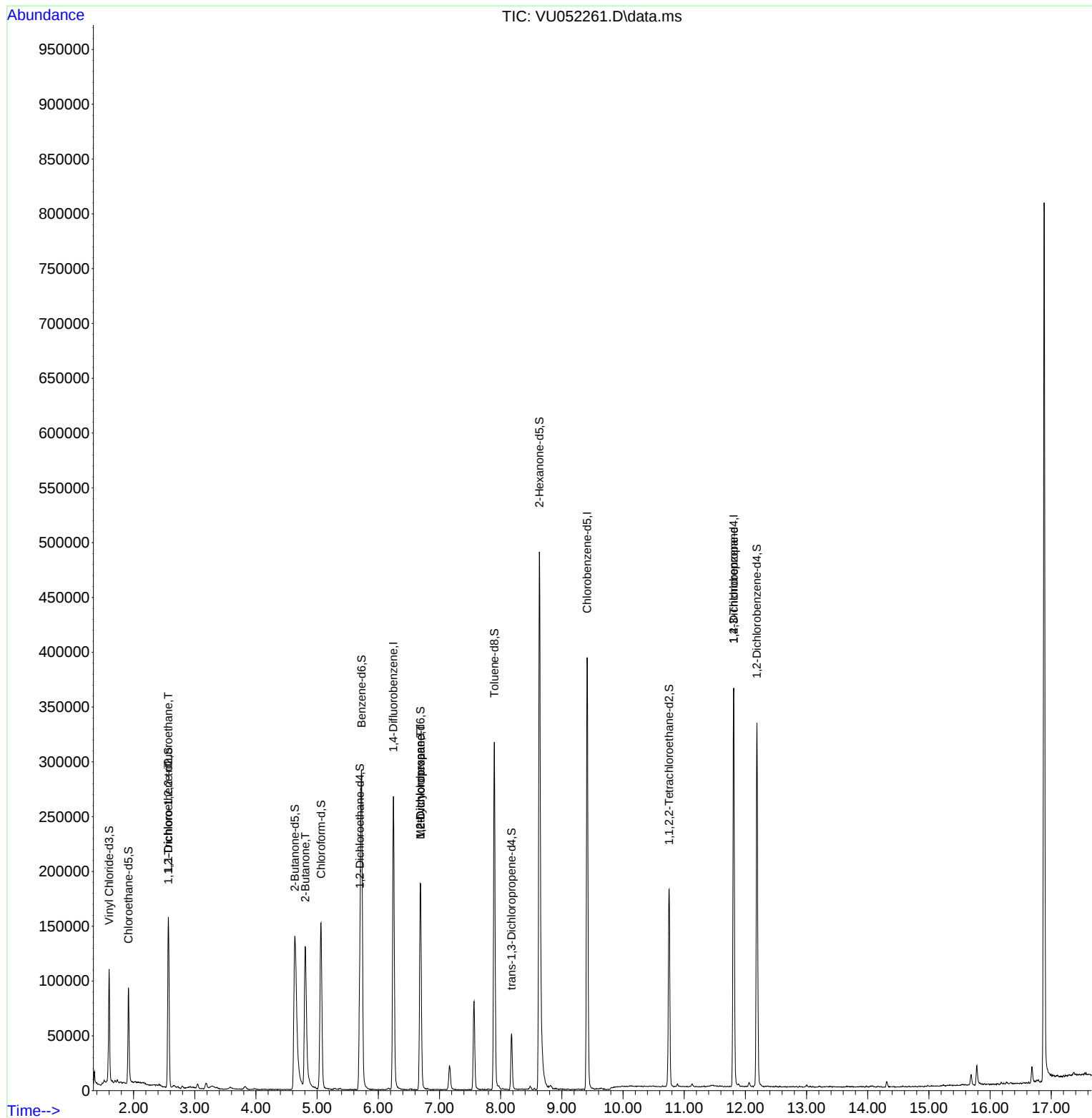
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	72334	3.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.915	69	67345	4.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.568	65	29498	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.636	46	249751	63.607	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.220%
24) Chloroform-d	5.063	84	146606	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.700	65	79528	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.726	84	293175	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.687	67	100296	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.896	98	220477	3.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.179	79	31022	4.016	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.632	63	170606	52.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	96068	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	89866	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	773	0.047	ug/L #	20
21) 2-Butanone	4.806	43	189508	44.345	ug/L #	44
35) Methylcyclohexane	6.690	83	21751	0.807	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9910	0.510	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	12200	1.052	ug/L #	66

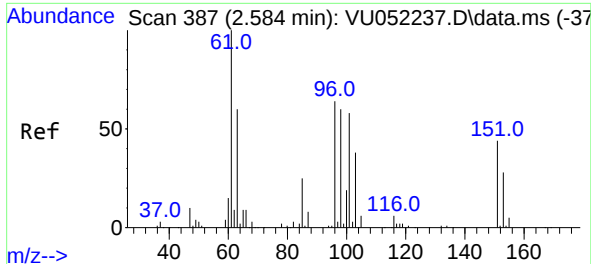
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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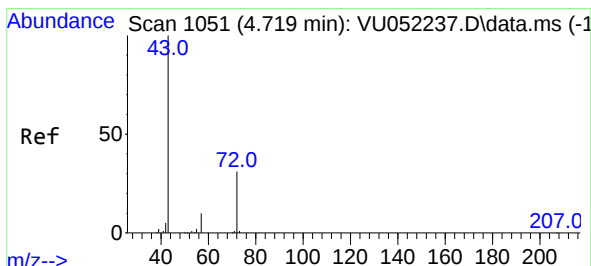
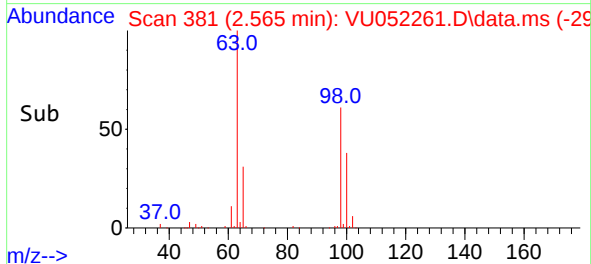
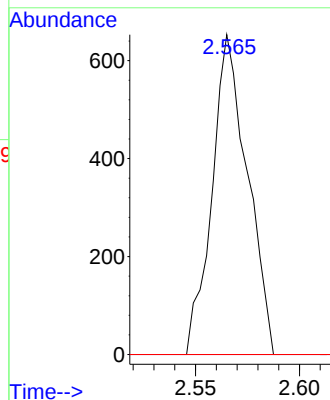
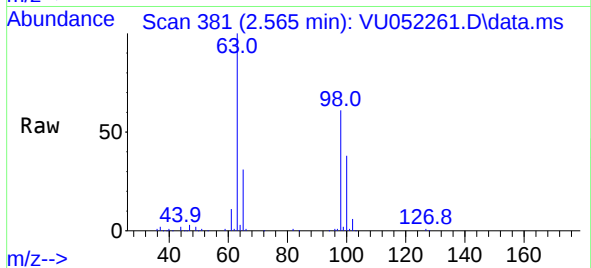




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU052261.D
Acq: 08 Dec 2022 20:11

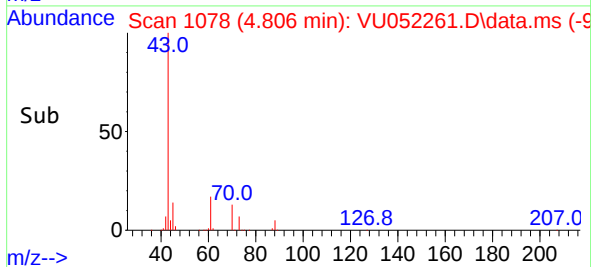
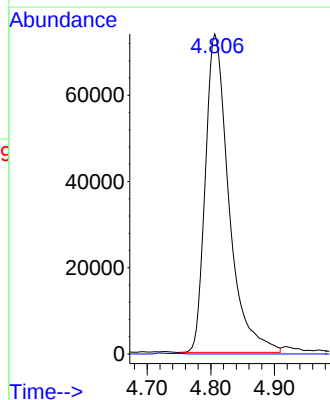
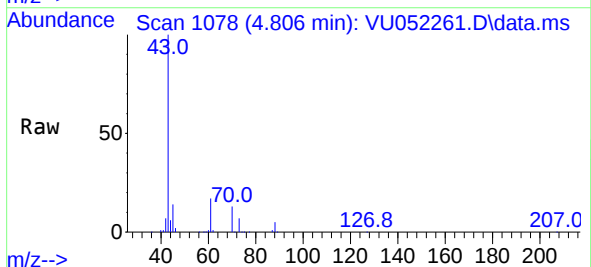
Instrument :
MSVOA_U
ClientSampleId :
C0B22

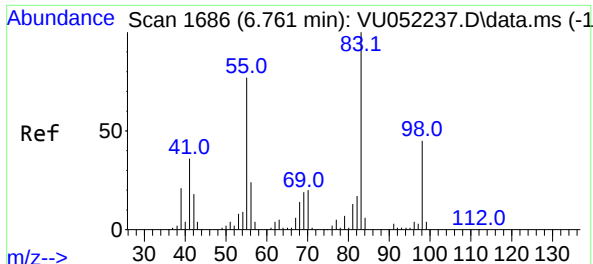
Tgt Ion:101 Resp: 773
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#21
2-Butanone
Concen: 44.345 ug/L
RT: 4.806 min Scan# 1078
Delta R.T. 0.093 min
Lab File: VU052261.D
Acq: 08 Dec 2022 20:11

Tgt Ion: 43 Resp: 189508
Ion Ratio Lower Upper
43 100
72 0.1 15.6 46.8#

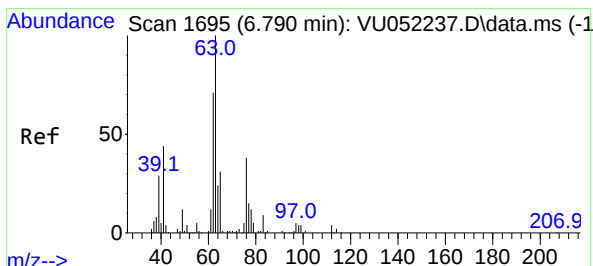
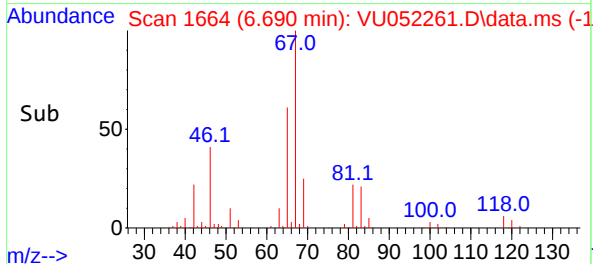
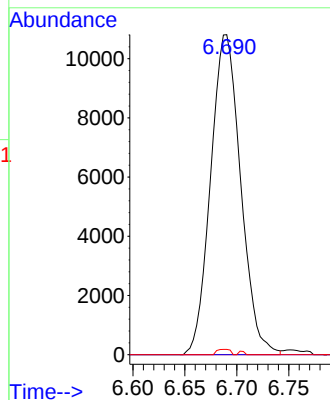
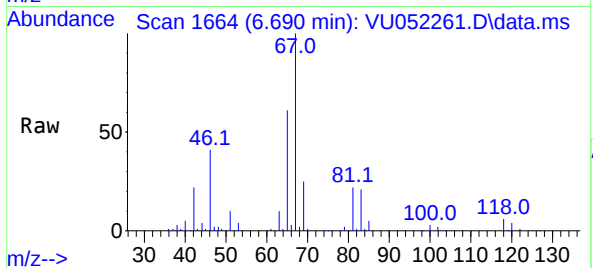




#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052261.D
Acq: 08 Dec 2022 20:11

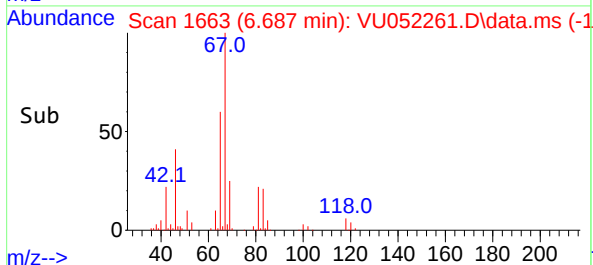
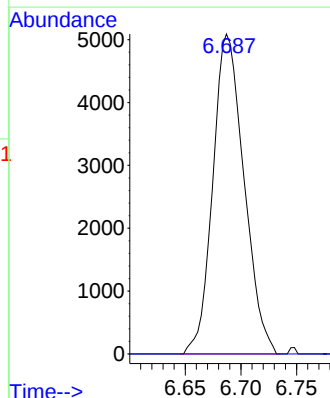
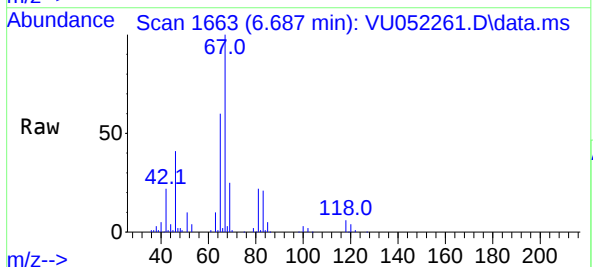
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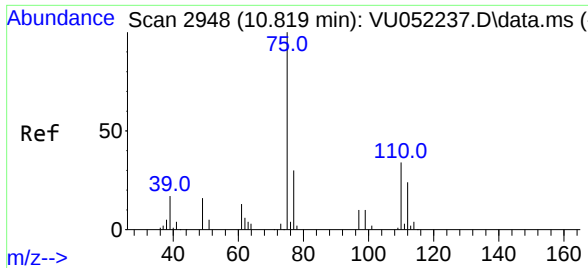
Tgt Ion: 83 Resp: 21751
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052261.D
Acq: 08 Dec 2022 20:11

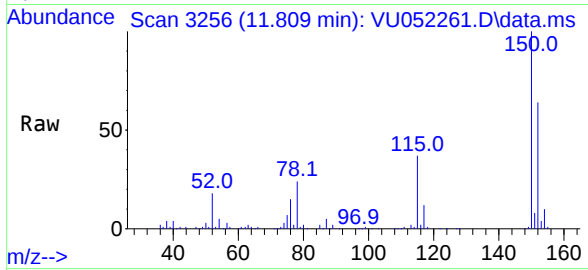
Tgt Ion: 63 Resp: 9910
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
1,2,3-Trichloropropane
Concen: 1.052 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052261.D
Acq: 08 Dec 2022 20:11

Instrument :
MSVOA_U
ClientSampleId :
C0B22



Tgt Ion:	75	Resp:	12200
Ion	Ratio	Lower	Upper
75	100		
110	1.2	28.3	42.5#
77	28.9	26.2	39.2

