

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052260.D
 Acq On : 08 Dec 2022 19:47
 Operator : JC/MD
 Sample : N5922-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B21

Quant Time: Dec 08 22:33:50 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)

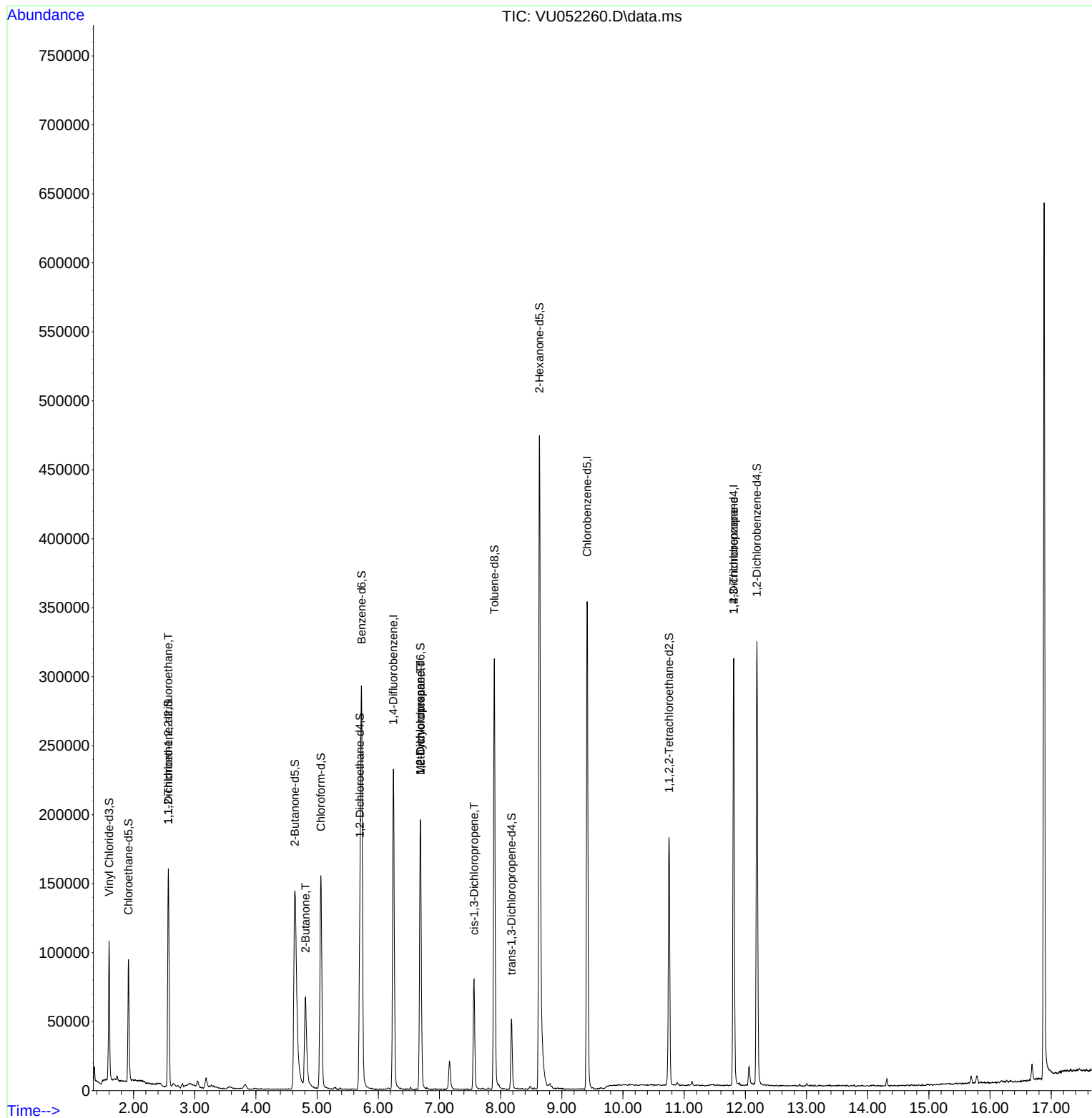
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	197178	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71728	3.740	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.916	69	67956	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.569	65	29251	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.636	46	237469	68.306	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.620%#
24) Chloroform-d	5.060	84	147244	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.700	65	79145	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.726	84	288138	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.687	67	101344	5.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.896	98	219564	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.176	79	30220	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.633	63	168070	57.093	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	93816	5.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	88907	5.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	957	0.066	ug/L #	20
21) 2-Butanone	4.810	43	96039	25.382	ug/L #	44
35) Methylcyclohexane	6.687	83	22680	0.936	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9384	0.537	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2215	0.099	ug/L #	44
61) 1,2,3-Trichloropropane	11.809	75	9939	0.999	ug/L #	69

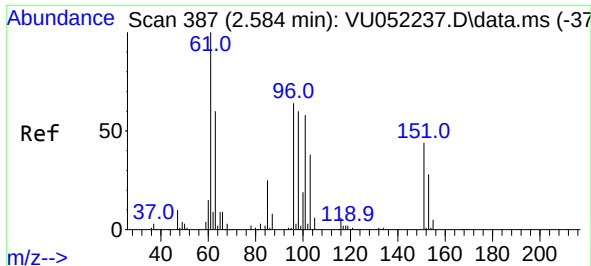
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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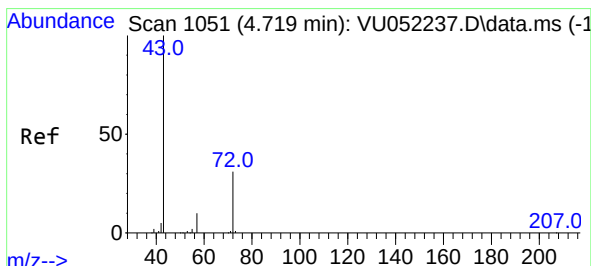
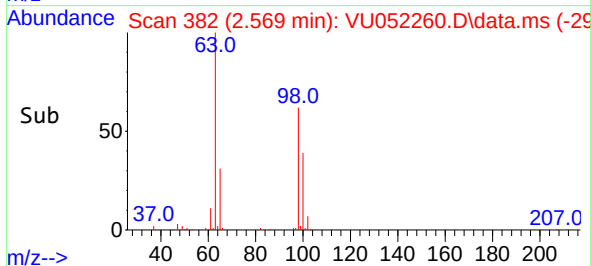
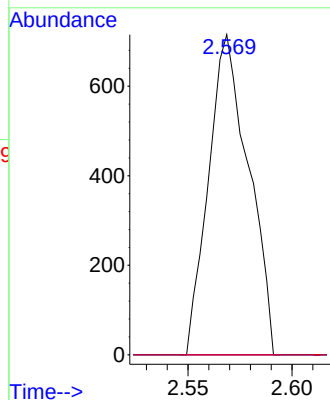
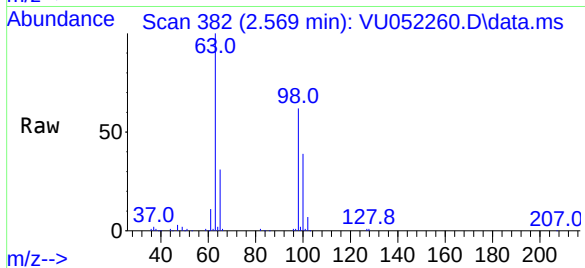




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.569 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052260.D
Acq: 08 Dec 2022 19:47

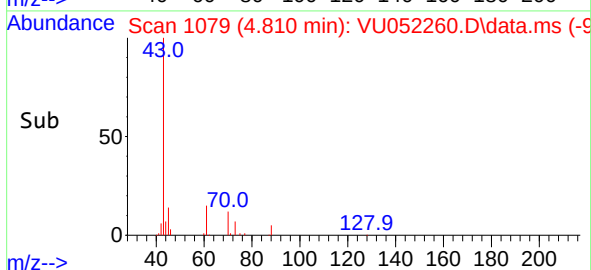
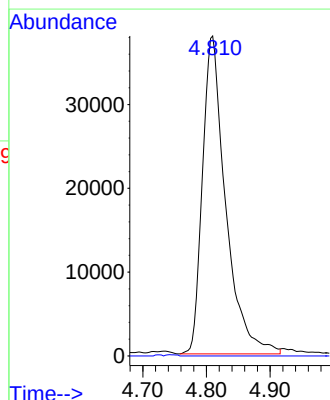
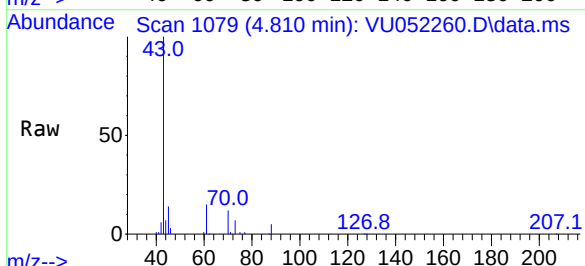
Instrument :
MSVOA_U
ClientSampleId :
C0B21

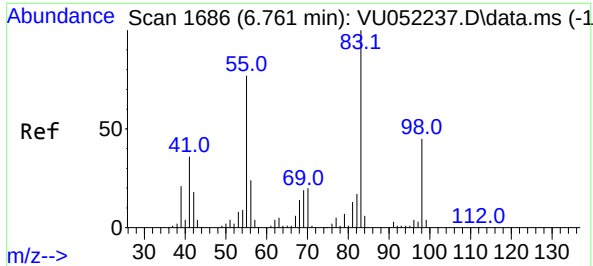
Tgt Ion:101 Resp: 957
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#21
2-Butanone
Concen: 25.382 ug/L
RT: 4.810 min Scan# 1079
Delta R.T. 0.097 min
Lab File: VU052260.D
Acq: 08 Dec 2022 19:47

Tgt Ion: 43 Resp: 96039
Ion Ratio Lower Upper
43 100
72 0.2 15.6 46.8#

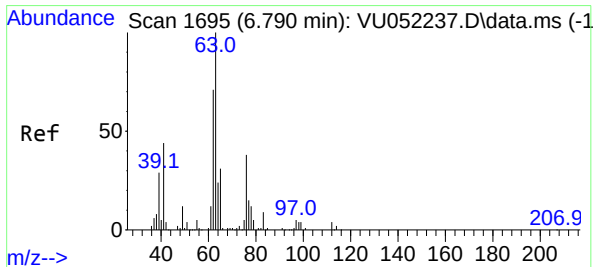
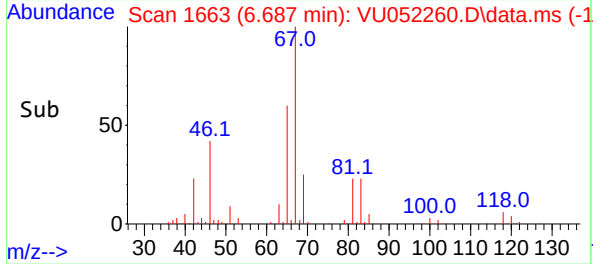
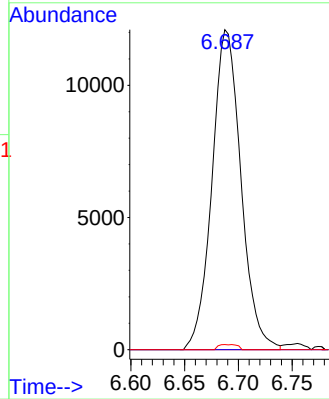
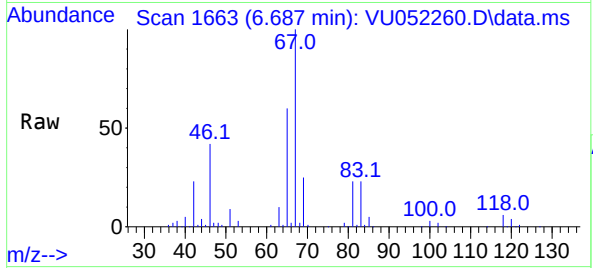




#35
Methylcyclohexane
Concen: 0.936 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052260.D
Acq: 08 Dec 2022 19:47

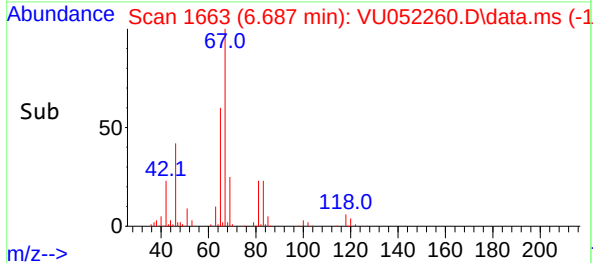
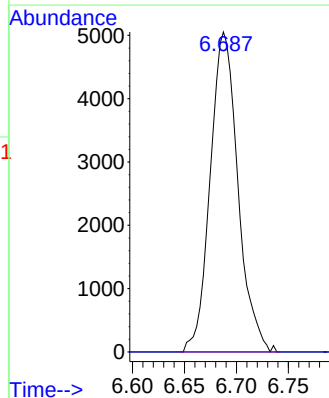
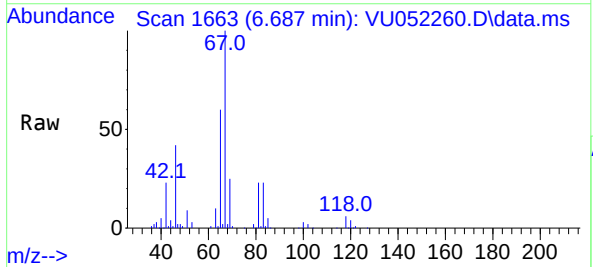
Instrument :
MSVOA_U
ClientSampleId :
C0B21

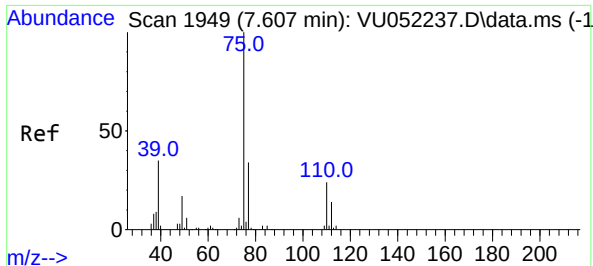
Tgt Ion:	83	Resp:	22680
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	1.0	35.1	52.7#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052260.D
Acq: 08 Dec 2022 19:47

Tgt Ion:	63	Resp:	9384
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.038 min

Lab File: VU052260.D

Acq: 08 Dec 2022 19:47

Instrument :

MSVOA_U

ClientSampleId :

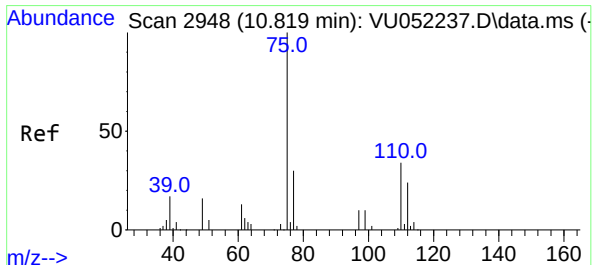
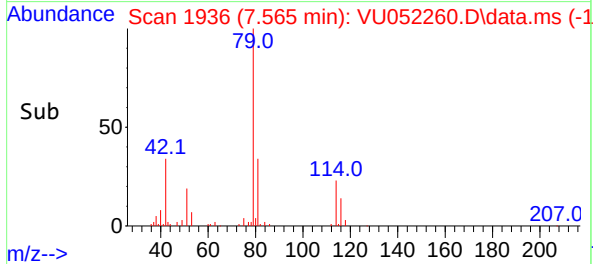
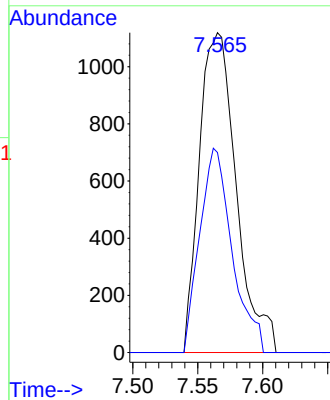
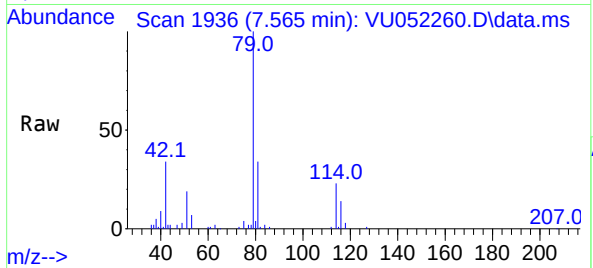
C0B21

Tgt Ion: 75 Resp: 2215

Ion Ratio Lower Upper

75 100

77 62.6 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 0.999 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.991 min

Lab File: VU052260.D

Acq: 08 Dec 2022 19:47

Tgt Ion: 75 Resp: 9939

Ion Ratio Lower Upper

75 100

110 2.1 28.3 42.5#

77 31.7 26.2 39.2

