

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121422\
 Data File : VU052397.D
 Acq On : 14 Dec 2022 14:00
 Operator : JC/MD
 Sample : N6031-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B25

Quant Time: Dec 14 21:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

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

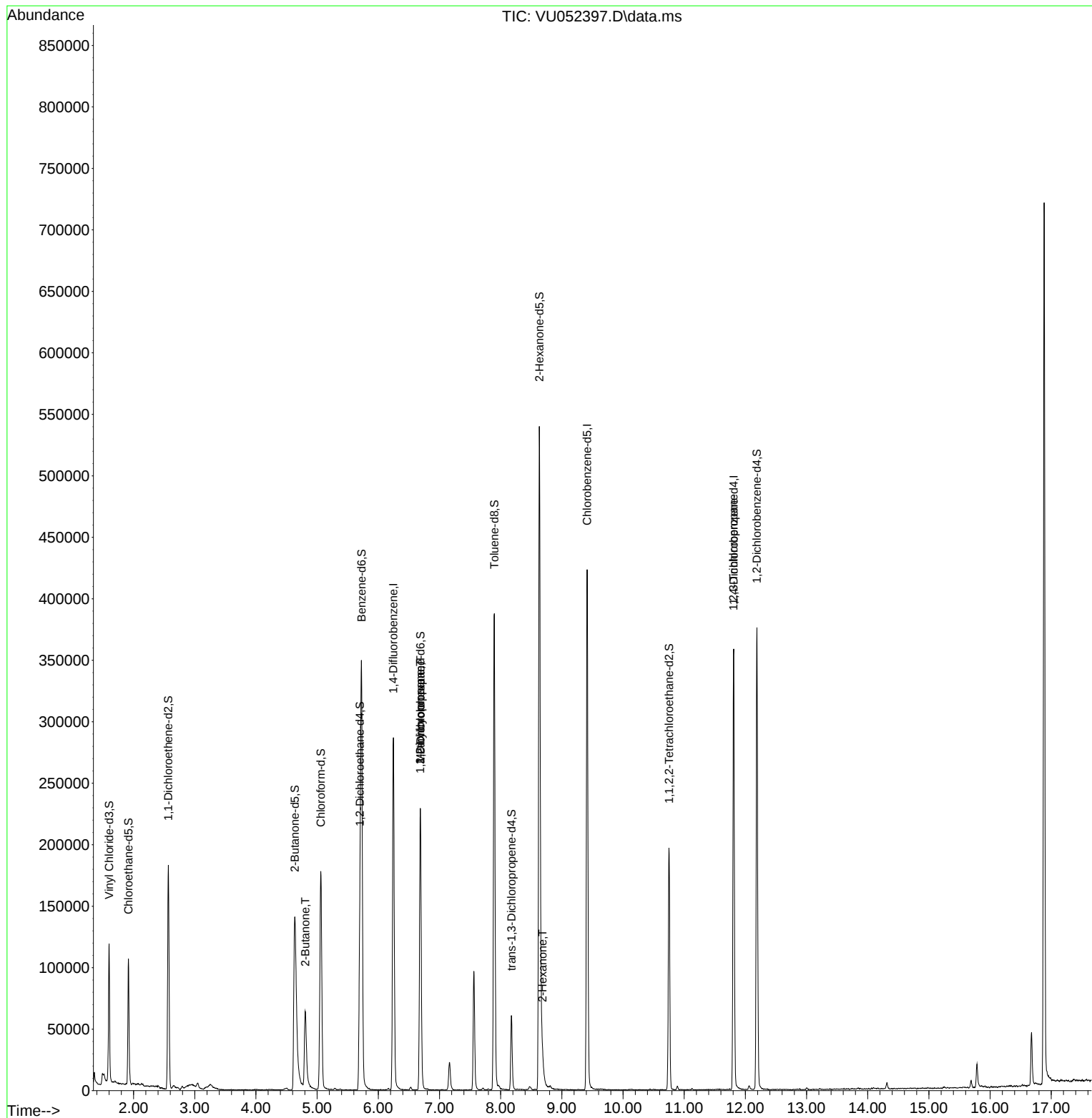
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	245097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99594	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82652	3.556	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.916	69	77382	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.568	65	33658	4.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.636	46	256799	60.957	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.920%
24) Chloroform-d	5.060	84	171293	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.700	65	90246	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.726	84	345814	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	115391	5.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.896	98	275118	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.176	79	35309	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.633	63	181042	52.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103948	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	104154	5.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
21) 2-Butanone	4.806	43	89842	19.594	ug/L #	43
35) Methylcyclohexane	6.687	83	27252	0.952	ug/L #	19
37) 1,2-Dichloropropane	6.684	63	11546	0.559	ug/L #	88
48) 2-Hexanone	8.684	43	13036	1.648	ug/L #	84
61) 1,2,3-Trichloropropane	11.806	75	12242	1.074	ug/L #	66

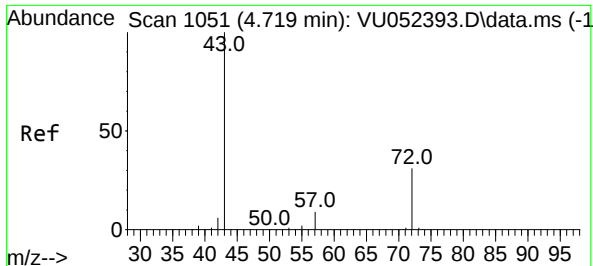
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 19.594 ug/L

RT: 4.806 min Scan# 1051

Delta R.T. 0.087 min

Lab File: VU052397.D

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MSVOA_U

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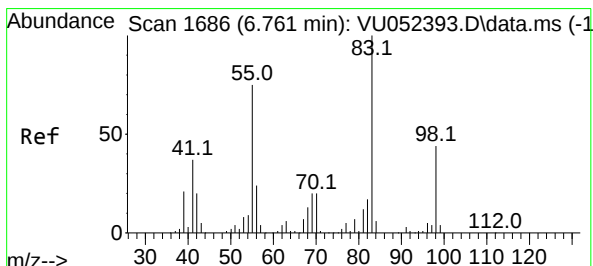
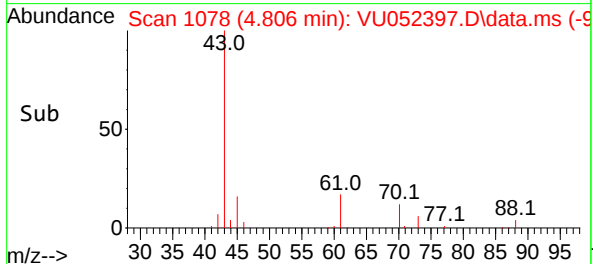
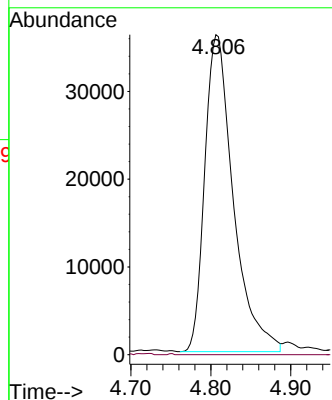
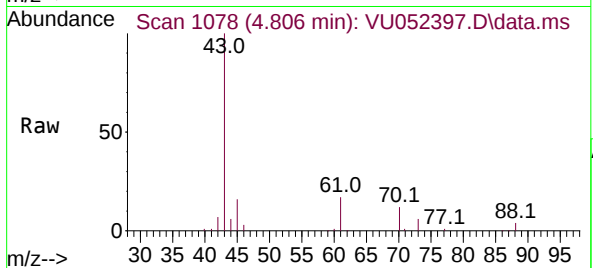
C0B25

Tgt Ion: 43 Resp: 89842

Ion Ratio Lower Upper

43 100

72 0.0 15.6 46.8#



#35

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052397.D

Acq: 14 Dec 2022 14:00

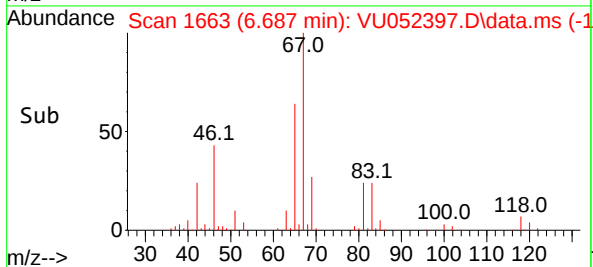
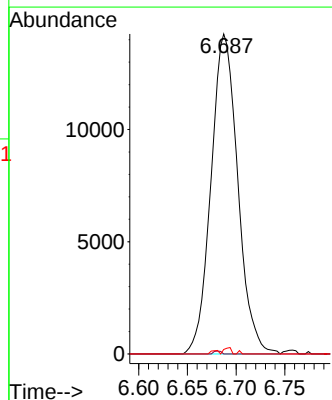
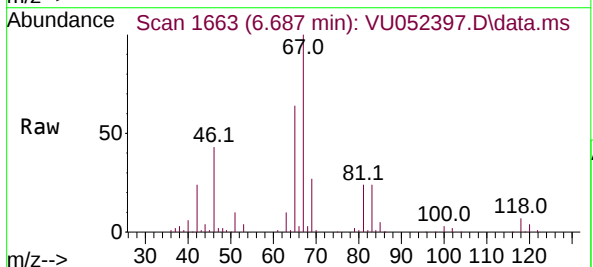
Tgt Ion: 83 Resp: 27252

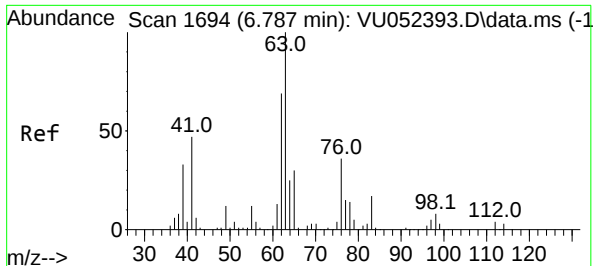
Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 0.5 35.1 52.7#

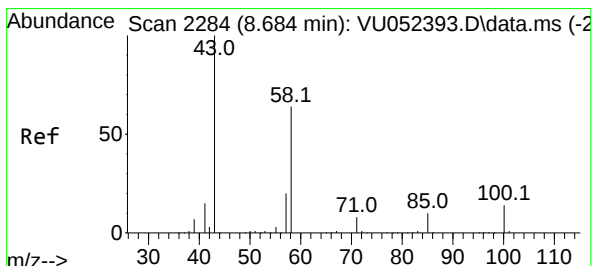
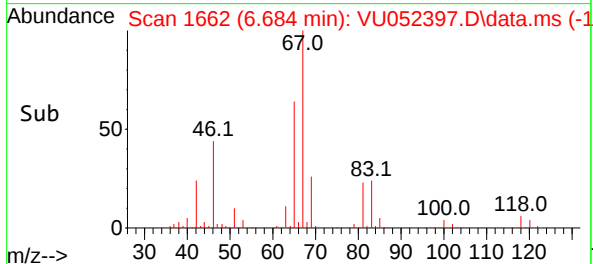
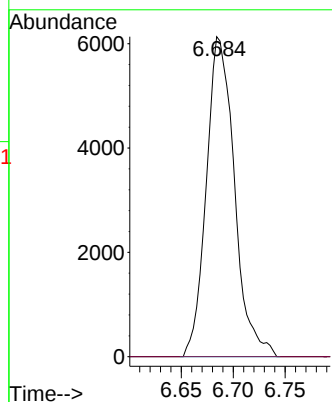
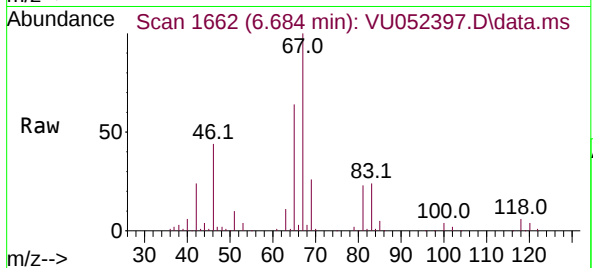




#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.684 min Scan# 11546
Delta R.T. -0.103 min
Lab File: VU052397.D
Acq: 14 Dec 2022 14:00

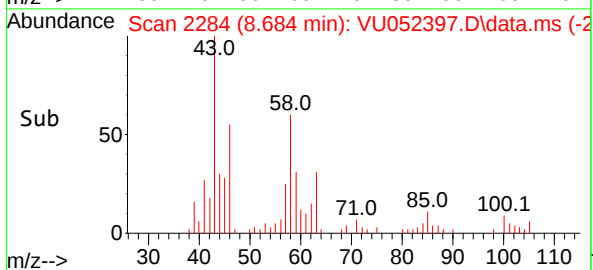
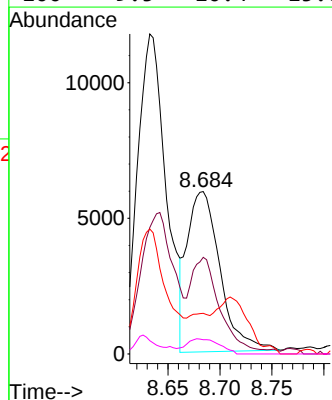
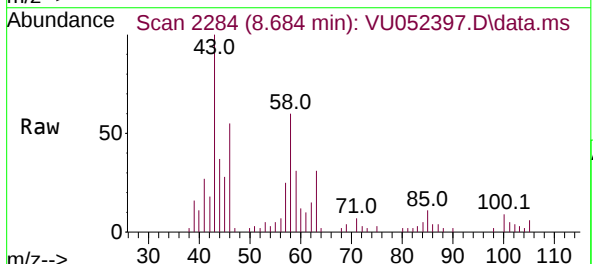
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MSVOA_U
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C0B25

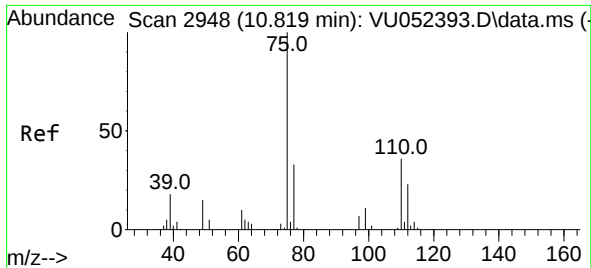
Tgt Ion: 63 Resp: 11546
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 1.648 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU052397.D
Acq: 14 Dec 2022 14:00

Tgt Ion: 43 Resp: 13036
Ion Ratio Lower Upper
43 100
58 52.4 49.4 74.0
57 34.7 16.3 24.5#
100 9.5 10.4 15.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.074 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052397.D
 Acq: 14 Dec 2022 14:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B25

Tgt Ion: 75 Resp: 12242
 Ion Ratio Lower Upper
 75 100
 110 1.3 28.3 42.5#
 77 28.2 26.2 39.2

