

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060427.D
 Acq On : 13 Aug 2024 15:41
 Operator : MD/SY
 Sample : P3501-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:22:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

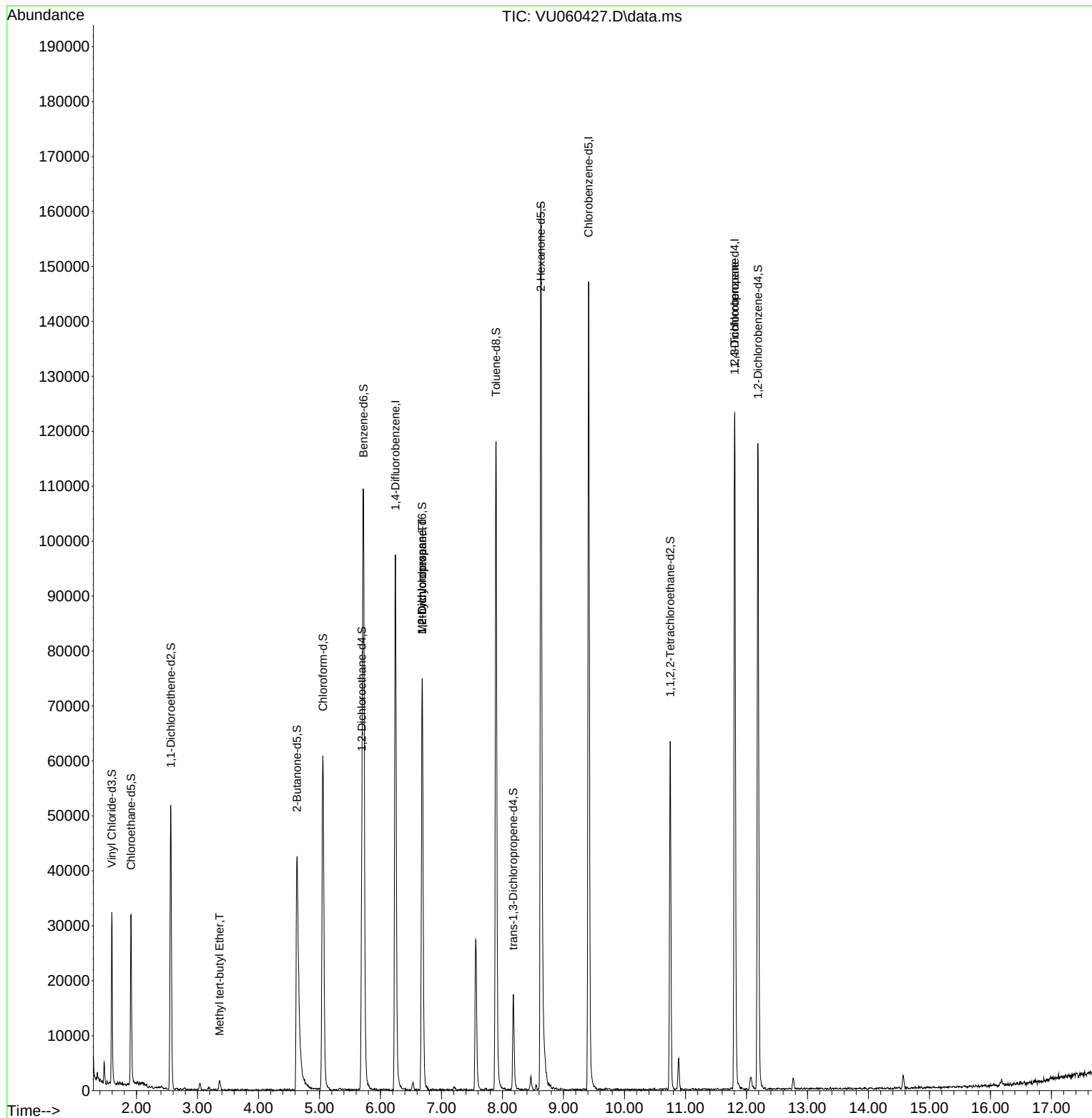
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	83531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	89250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22378	3.413	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.911	69	23272	3.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.563	65	9711	3.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.631	46	79304	56.991	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.980%
24) Chloroform-d	5.055	84	60570	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.695	65	31404	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	105506	3.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.682	67	39286	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	85326	3.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	10866	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	57304	47.840	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33050	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	34808	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	1978	0.152	ug/L #	87
35) Methylcyclohexane	6.682	83	9151	1.042	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4026	0.576	ug/L #	88
61) 1,2,3-Trichloropropane	11.804	75	4223	1.162	ug/L #	65

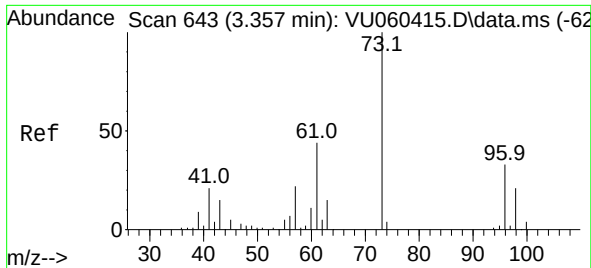
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.152 ug/L

RT: 3.361 min Scan# 64

Delta R.T. 0.003 min

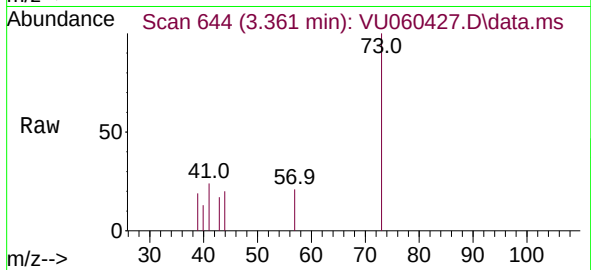
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MSVOA_U

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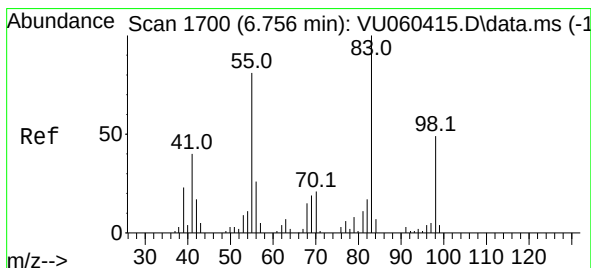
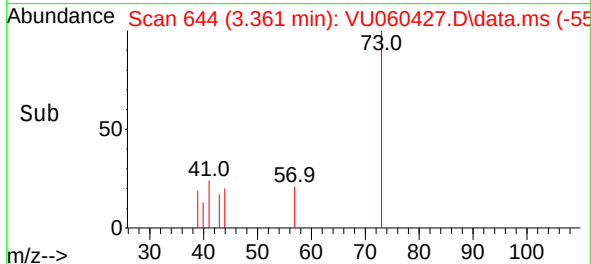
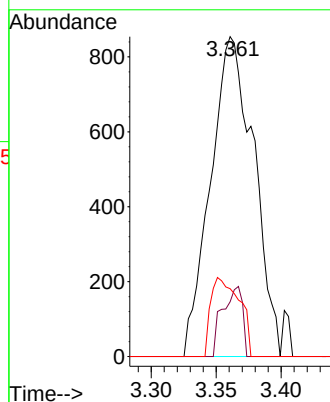
Tgt Ion: 73 Resp: 1978

Ion Ratio Lower Upper

73 100

43 10.0 12.8 19.2#

57 16.3 17.5 26.3#



#35

Methylcyclohexane

Concen: 1.042 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

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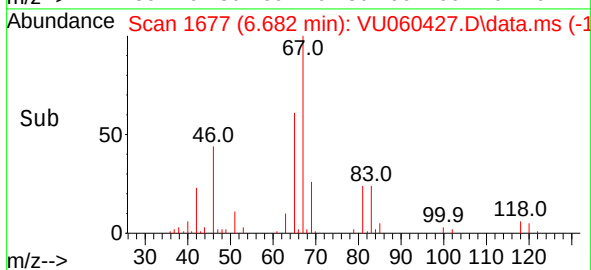
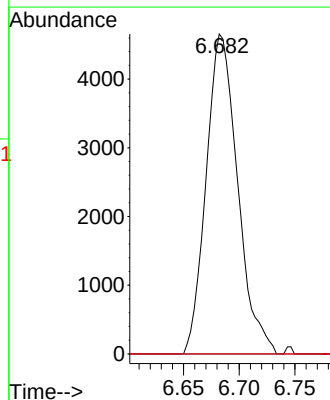
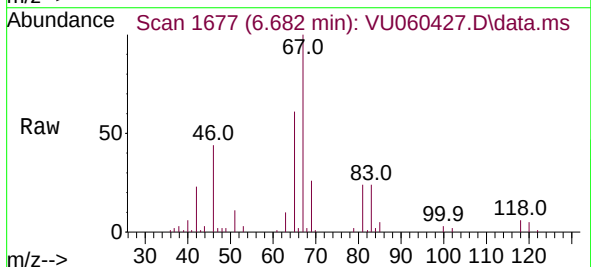
Tgt Ion: 83 Resp: 9151

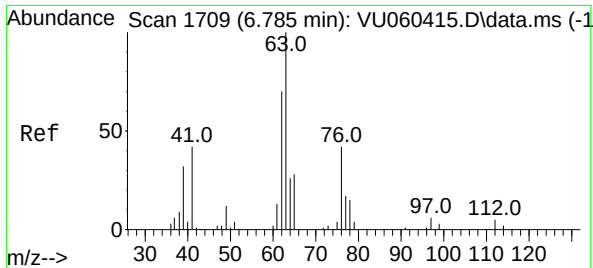
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 1.6 37.3 55.9#

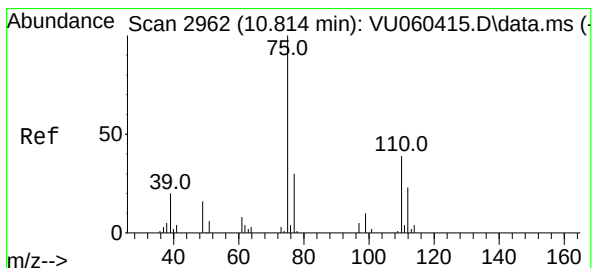
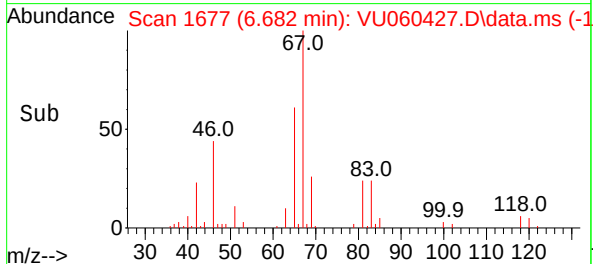
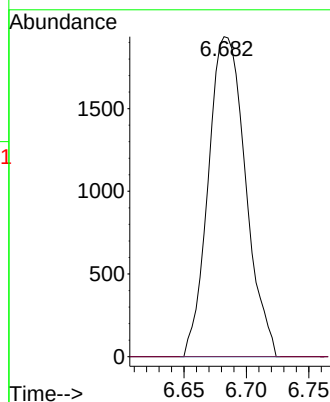
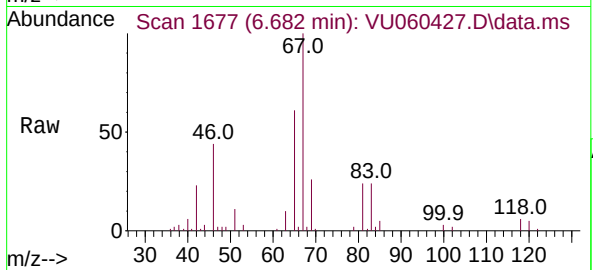




#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
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Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4026
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.162 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060427.D
Acq: 13 Aug 2024 15:41

Tgt Ion: 75 Resp: 4223
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 31.1 27.0 40.6

