

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053799.D
 Acq On : 20 Apr 2023 12:23
 Operator : JC/MD
 Sample : 02396-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C11C8

Quant Time: Apr 20 12:57:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

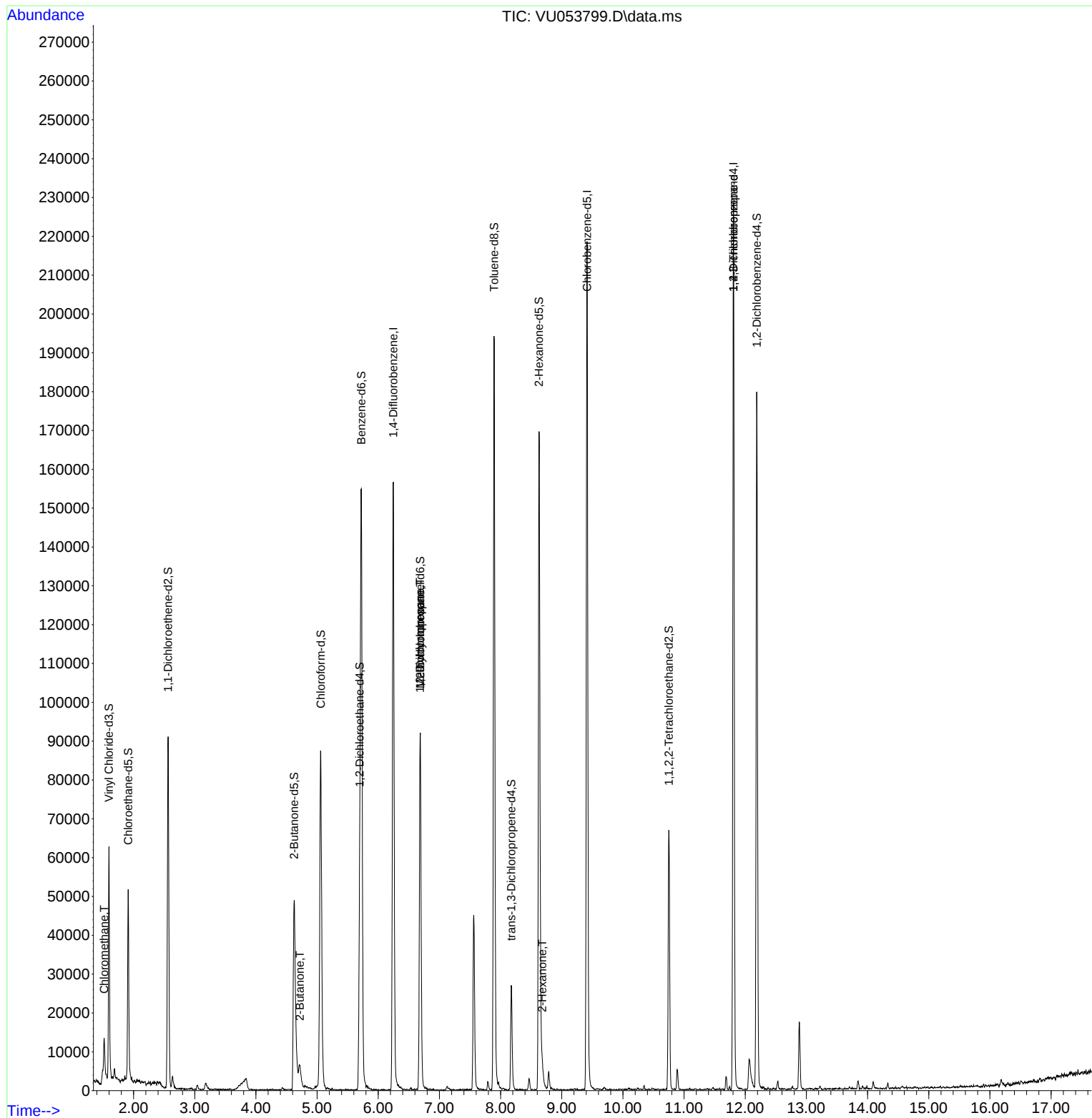
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43847	4.715	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.912	69	36604	4.337	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.565	65	16695	4.214	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.623	46	72545	34.051	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.100%	
24) Chloroform-d	5.060	84	75242	4.364	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.697	65	37172	4.207	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.723	84	153657	4.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
36) 1,2-Dichloropropane-d6	6.687	67	47834	4.286	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.893	98	137137	3.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.176	79	16148	3.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.629	63	60049	34.518	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	69.040%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35060	3.774	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	49361	4.384	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.600%	
Target Compounds						
3) Chloromethane	1.520	50	6915	0.709	ug/L	96
21) 2-Butanone	4.716	43	8909	4.538	ug/L	97
35) Methylcyclohexane	6.687	83	10285	0.650	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	5000	0.547	ug/L #	89
48) 2-Hexanone	8.681	43	2815	0.851	ug/L #	83
61) 1,2,3-Trichloropropane	11.809	75	7565	1.459	ug/L #	67

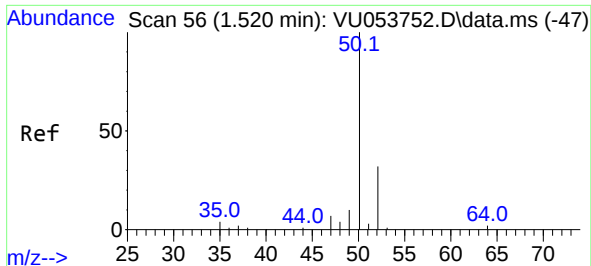
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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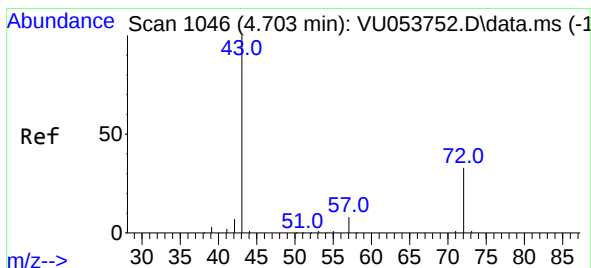
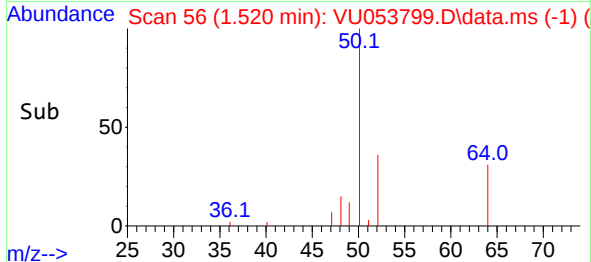
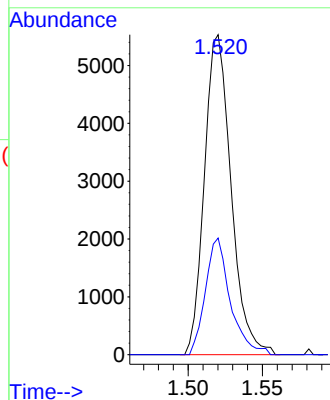
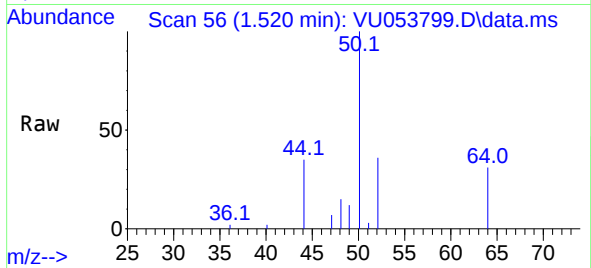




#3
Chloromethane
Concen: 0.709 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053799.D
Acq: 20 Apr 2023 12:23

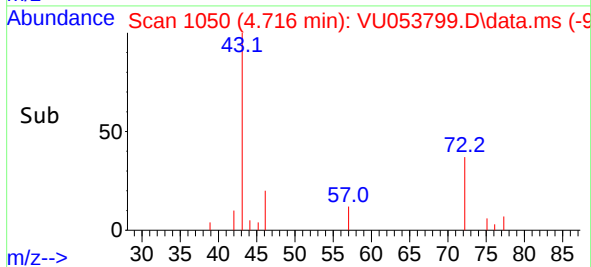
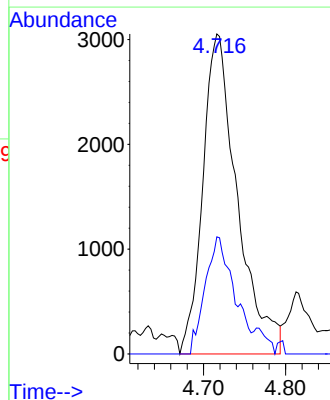
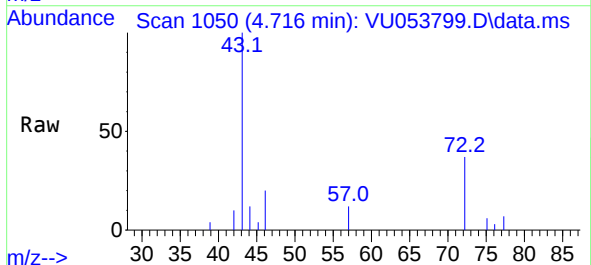
Instrument :
MSVOA_U
ClientSampleId :
C11C8

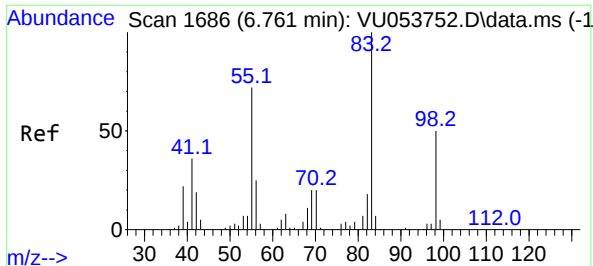
Tgt Ion: 50 Resp: 6915
Ion Ratio Lower Upper
50 100
52 36.4 23.9 44.3



#21
2-Butanone
Concen: 4.538 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.013 min
Lab File: VU053799.D
Acq: 20 Apr 2023 12:23

Tgt Ion: 43 Resp: 8909
Ion Ratio Lower Upper
43 100
72 30.5 16.2 48.6





#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053799.D

Acq: 20 Apr 2023 12:23

Instrument :

MSVOA_U

ClientSampleId :

C11C8

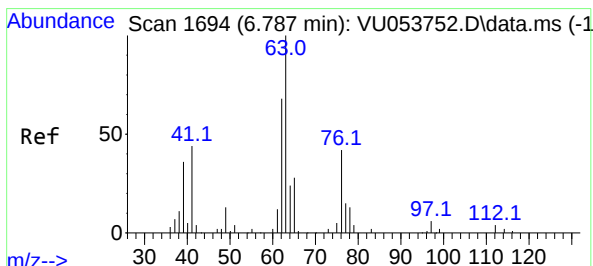
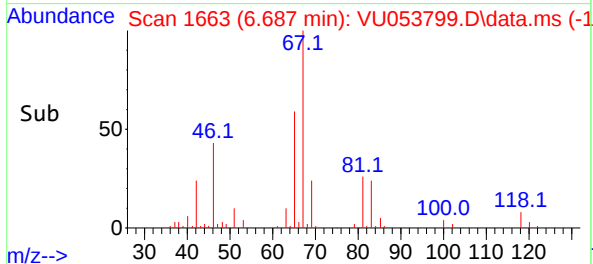
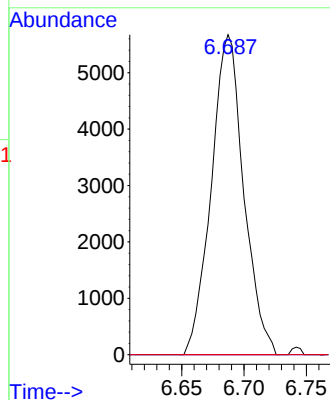
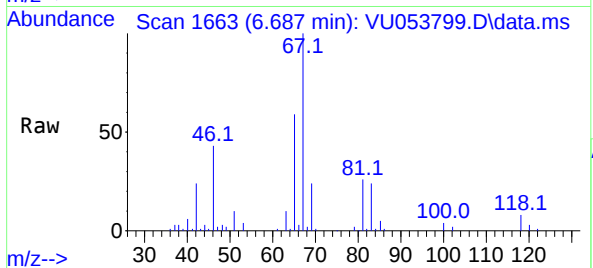
Tgt Ion: 83 Resp: 10285

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 0.0 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053799.D

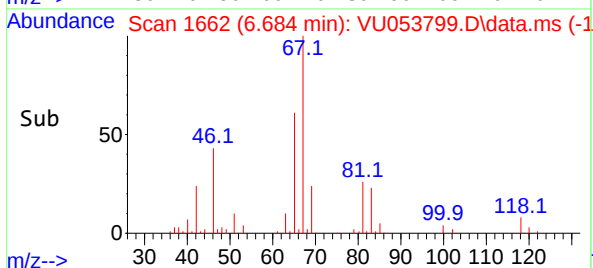
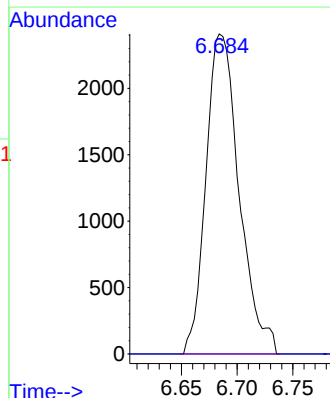
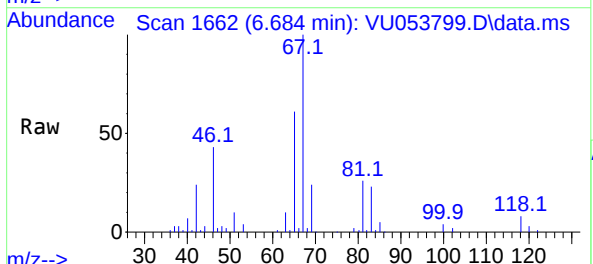
Acq: 20 Apr 2023 12:23

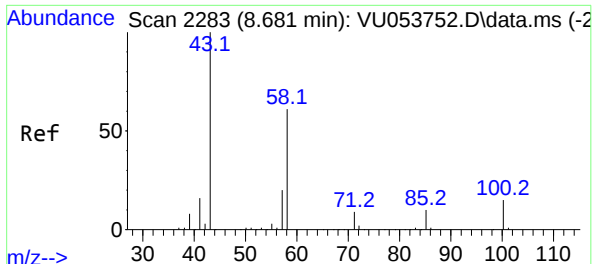
Tgt Ion: 63 Resp: 5000

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

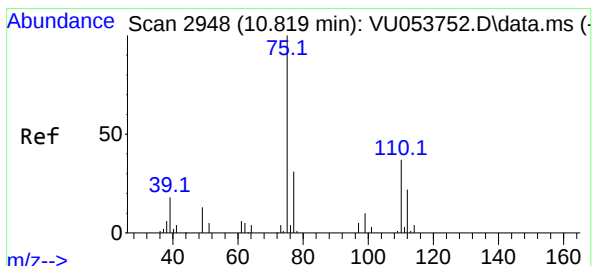
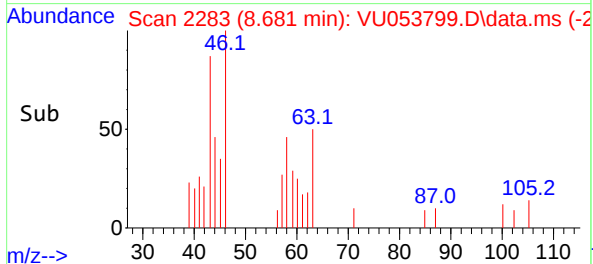
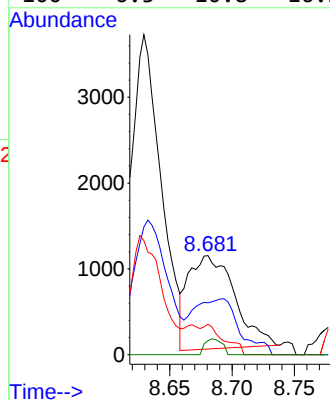
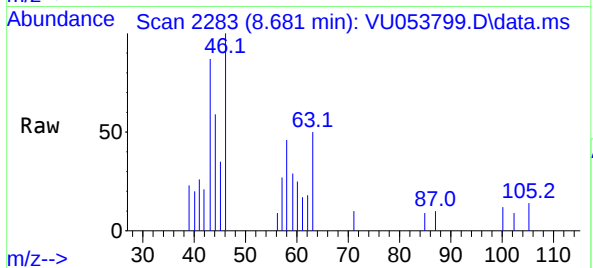




#48
2-Hexanone
Concen: 0.851 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053799.D
Acq: 20 Apr 2023 12:23

Instrument :
MSVOA_U
ClientSampleId :
C11C8

Tgt Ion: 43	Resp: 2815
Ion Ratio	Lower Upper
43 100	
58 59.4	52.8 79.2
57 0.0	17.1 25.7#
100 6.3	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.459 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053799.D
Acq: 20 Apr 2023 12:23

Tgt Ion: 75	Resp: 7565		
Ion Ratio	Lower	Upper	
75 100			
110 1.6	30.6	46.0#	
77 32.3	26.1	39.1	

