

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052875.D
 Acq On : 31 Jan 2023 13:22
 Operator : JC/MD
 Sample : 01316-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

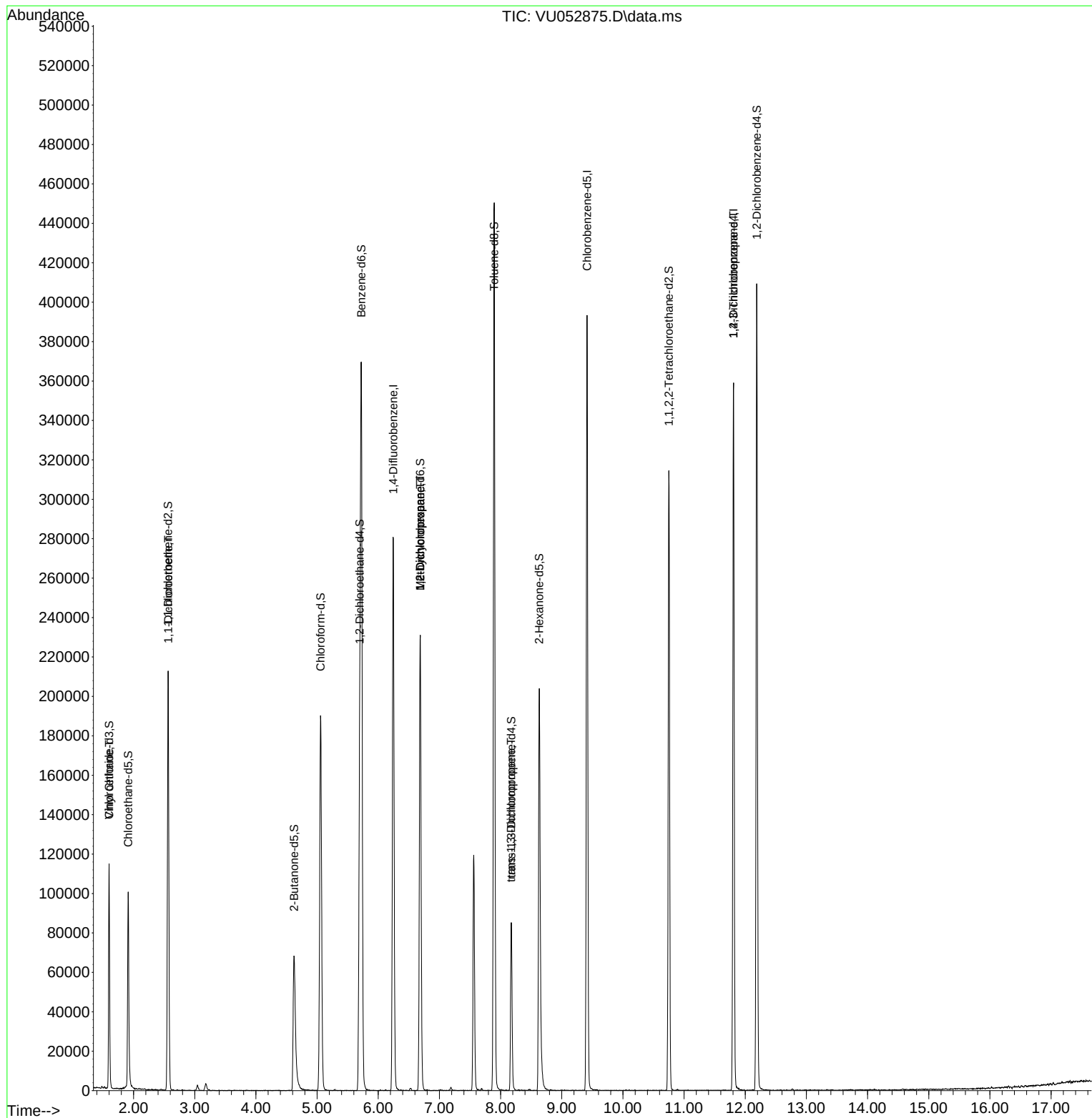
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225343	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99974	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82840	50.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.540%
7) Chloroethane-d5	1.912	69	76487	56.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.660%
11) 1,1-Dichloroethene-d2	2.565	63	127366	38.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.720%
21) 2-Butanone-d5	4.623	46	100774	98.984	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.980%
24) Chloroform-d	5.057	84	181501	51.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.697	65	124856	55.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.200%
32) Benzene-d6	5.723	84	350084	50.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.700%
36) 1,2-Dichloropropane-d6	6.687	67	103678	51.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.700%
41) Toluene-d8	7.896	98	293423	46.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.620%
43) trans-1,3-Dichloroprop...	8.176	79	50242	49.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.300%
47) 2-Hexanone-d5	8.632	63	67447	95.067	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.070%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	145771	48.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	12.188	152	110007	56.669	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.340%
Target Compounds						
					Qvalue	
8) Chloroethane	1.601	64	1112	0.905	ug/L #	1
12) 1,1-Dichloroethene	2.568	96	977	0.577	ug/L #	1
35) Methylcyclohexane	6.687	83	27267	8.836	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	11299	5.991	ug/L #	85
44) trans-1,3-Dichloropropene	8.173	75	2301	0.793	ug/L #	83
60) 1,2,3-Trichloropropane	11.809	75	10545	5.438	ug/L #	66

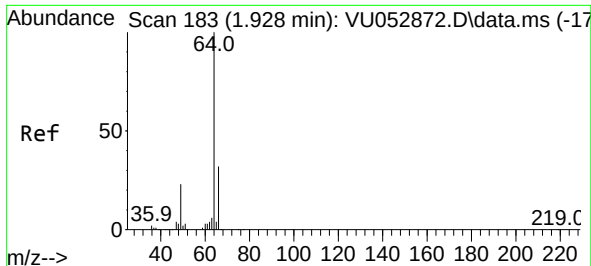
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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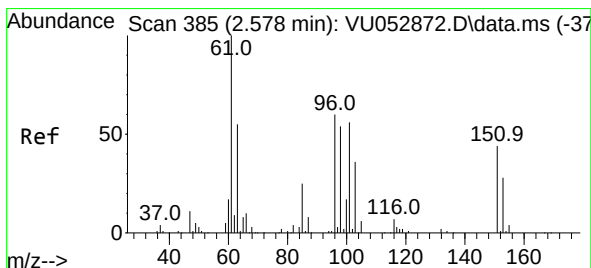
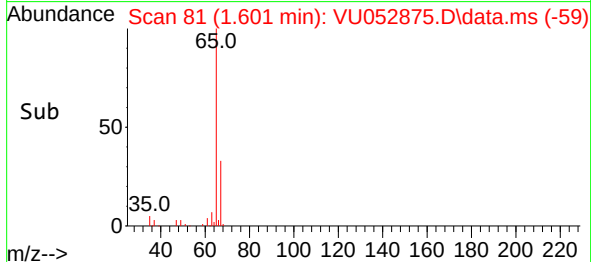
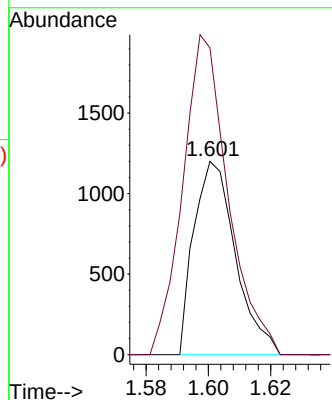
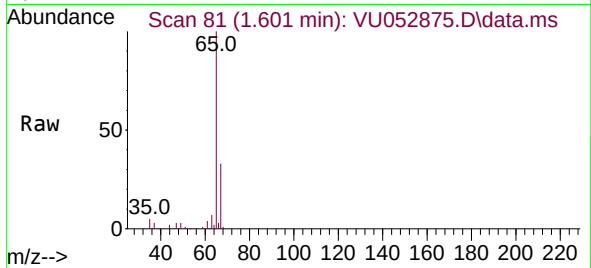




#8
Chloroethane
Concen: 0.905 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.328 min
Lab File: VU052875.D
Acq: 31 Jan 2023 13:22

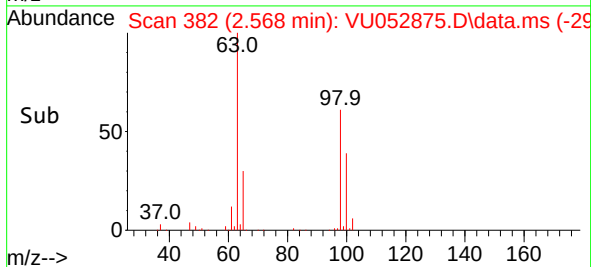
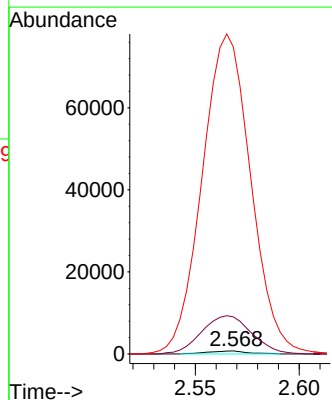
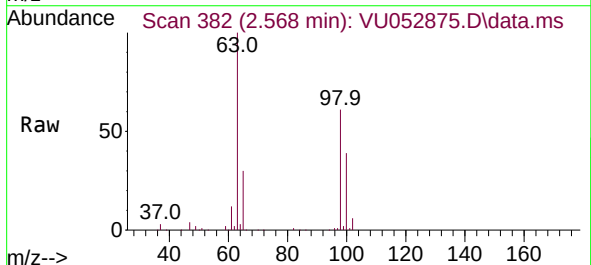
Instrument :
MSVOA_U
ClientSampleId :

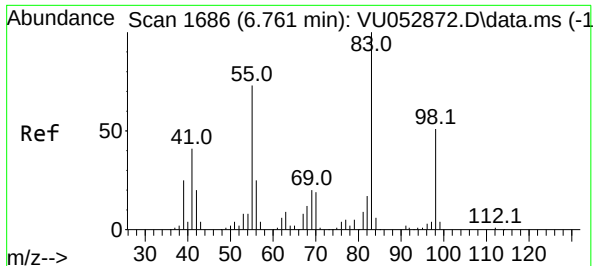
Tgt Ion: 64 Resp: 1112
Ion Ratio Lower Upper
64 100
66 158.8 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.577 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU052875.D
Acq: 31 Jan 2023 13:22

Tgt Ion: 96 Resp: 977
Ion Ratio Lower Upper
96 100
61 1234.5 114.3 212.3#
63 10195.1 80.6 149.6#

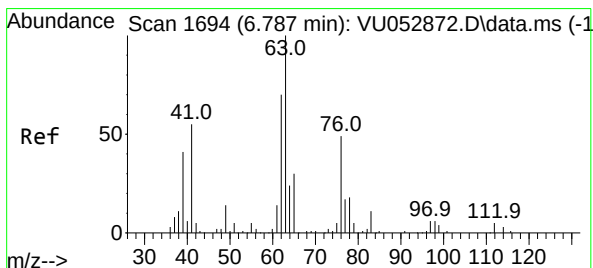
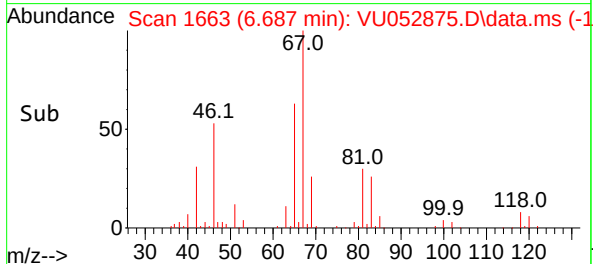
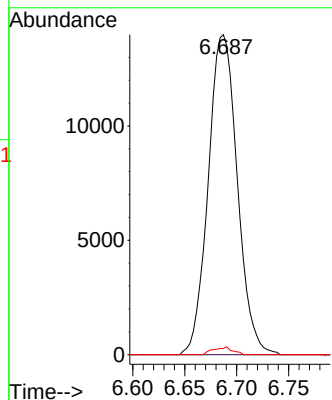
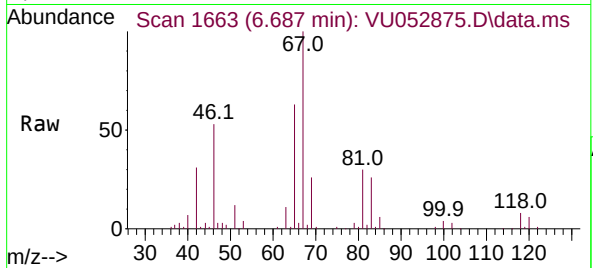




#35
Methylcyclohexane
Concen: 8.836 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052875.D
Acq: 31 Jan 2023 13:22

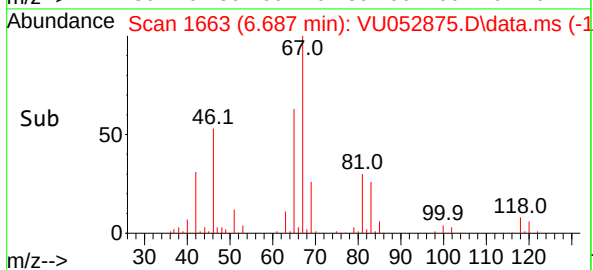
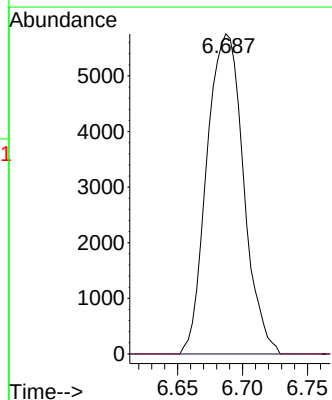
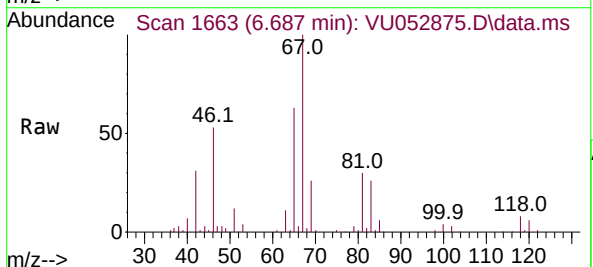
Instrument :
MSVOA_U
ClientSampleId :

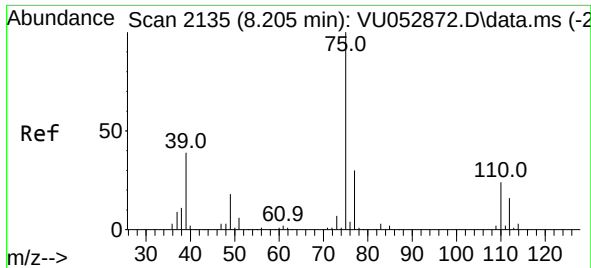
Tgt Ion: 83 Resp: 27267
Ion Ratio Lower Upper
83 100
55 0.0 57.1 85.7#
98 1.6 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 5.991 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052875.D
Acq: 31 Jan 2023 13:22

Tgt Ion: 63 Resp: 11299
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

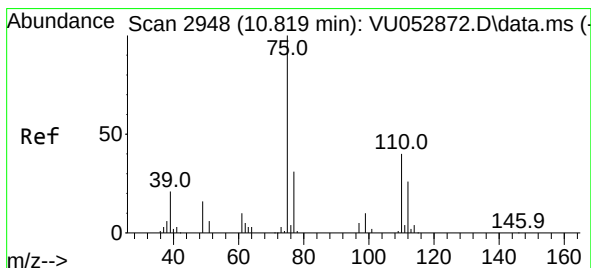
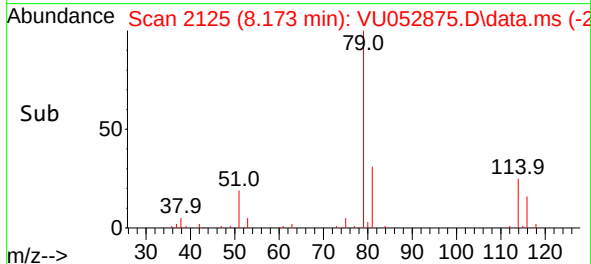
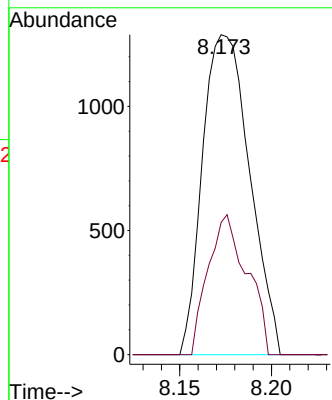
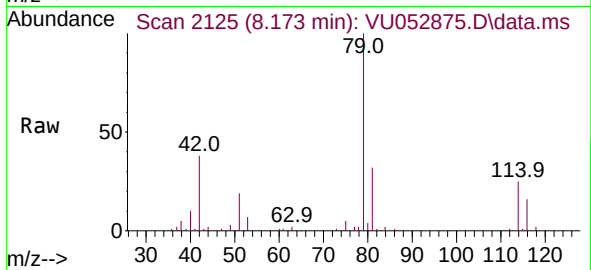




#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU052875.D
Acq: 31 Jan 2023 13:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2301
Ion Ratio Lower Upper
75 100
77 41.3 22.3 41.3#



#60
1,2,3-Trichloropropane
Concen: 5.438 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052875.D
Acq: 31 Jan 2023 13:22

Tgt Ion: 75 Resp: 10545
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 2.8 32.4 48.6#

