

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052524\
 Data File : VU059003.D
 Acq On : 25 May 2024 16:59
 Operator : MD/SY
 Sample : P2566-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 04:14:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 04:10:55 2024
 Response via : Initial Calibration

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

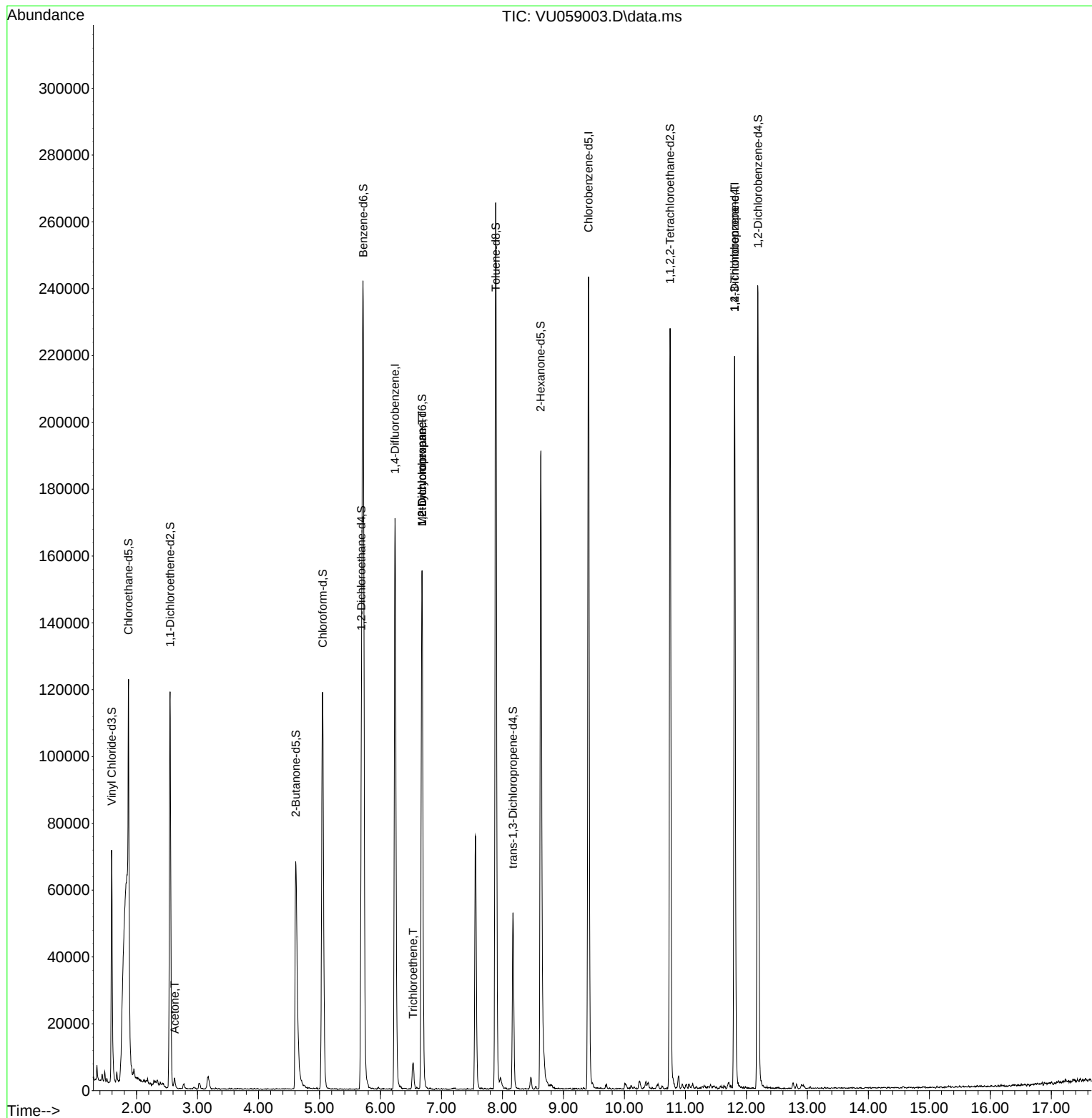
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	130750	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	127211	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	55579	40.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.380%			
7) Chloroethane-d5	1.869	69	59333	51.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.260%			
11) 1,1-Dichloroethene-d2	2.550	63	74505	35.264	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.520%			
21) 2-Butanone-d5	4.611	46	109240	115.003	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.000%			
24) Chloroform-d	5.052	84	111837	47.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.300%			
26) 1,2-Dichloroethane-d4	5.689	65	75591	52.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.220%			
32) Benzene-d6	5.718	84	219229	50.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.100%			
36) 1,2-Dichloropropane-d6	6.682	67	76047	53.089	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.180%			
41) Toluene-d8	7.891	98	176202	45.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.660%			
43) trans-1,3-Dichloroprop...	8.174	79	29862	46.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.860%			
47) 2-Hexanone-d5	8.627	63	66053	111.493	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.490%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	118478	54.978	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.960%			
66) 1,2-Dichlorobenzene-d4	12.190	152	59891	52.689	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.380%			
Target Compounds					Qvalue	
13) Acetone	2.624	43	3698	4.415	ug/L	87
34) Trichloroethene	6.537	95	2524	2.487	ug/L	86
35) Methylcyclohexane	6.682	83	15857	13.328	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7814	6.287	ug/L #	91
60) 1,2,3-Trichloropropane	11.807	75	8159	5.820	ug/L #	70

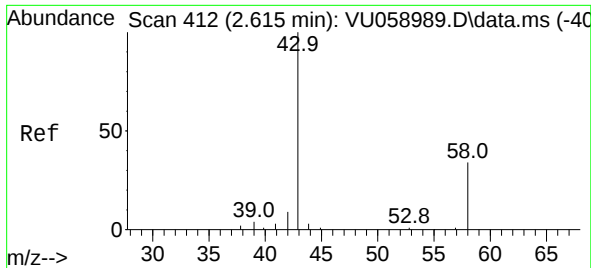
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.415 ug/L

RT: 2.624 min Scan# 41

Delta R.T. 0.010 min

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MSVOA_U

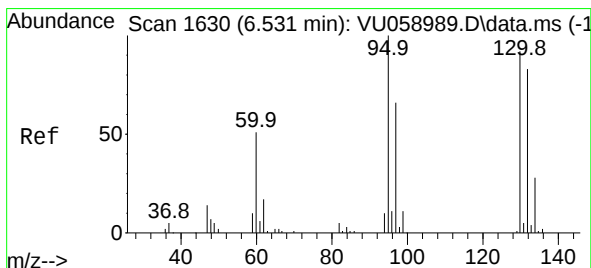
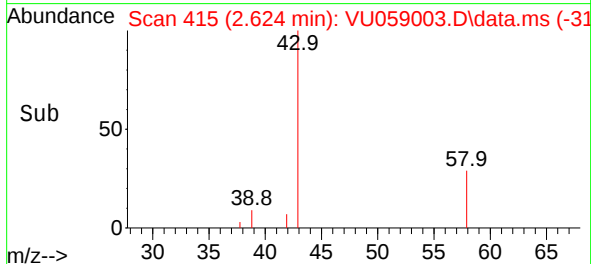
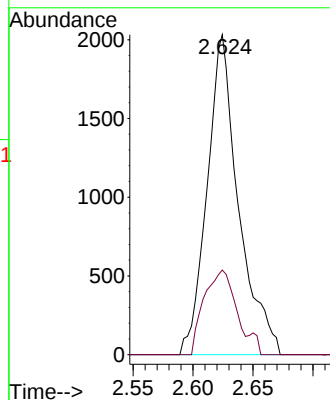
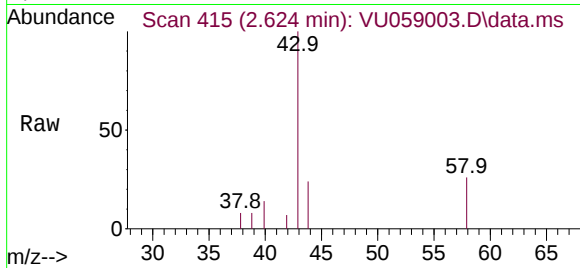
ClientSampleId :

Tgt Ion: 43 Resp: 3698

Ion Ratio Lower Upper

43 100

58 26.0 0.0 67.2



#34

Trichloroethene

Concen: 2.487 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.006 min

Lab File: VU059003.D

Acq: 25 May 2024 16:59

Tgt Ion: 95 Resp: 2524

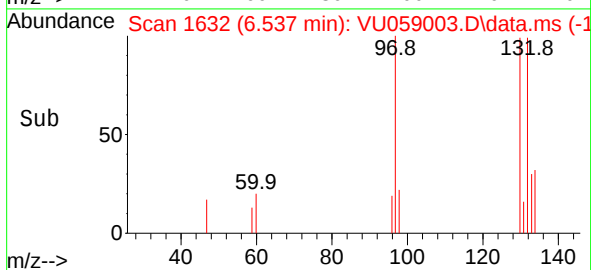
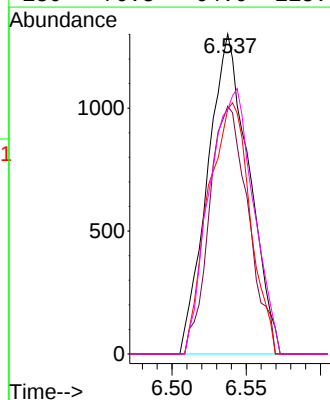
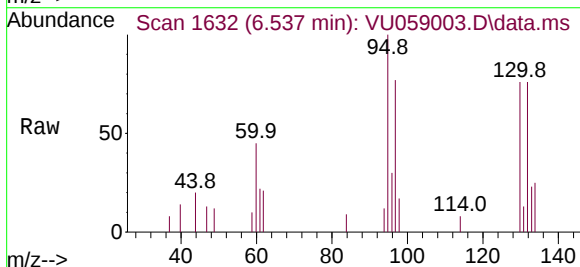
Ion Ratio Lower Upper

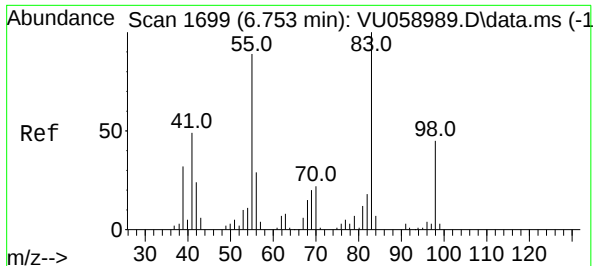
95 100

97 77.4 45.9 85.3

132 76.5 60.5 112.5

130 76.3 64.0 118.8





#35

Methylcyclohexane

Concen: 13.328 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

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Instrument :

MSVOA_U

ClientSampleId :

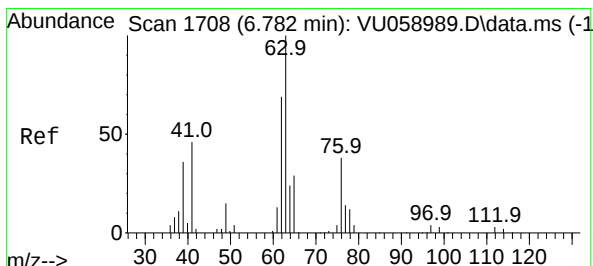
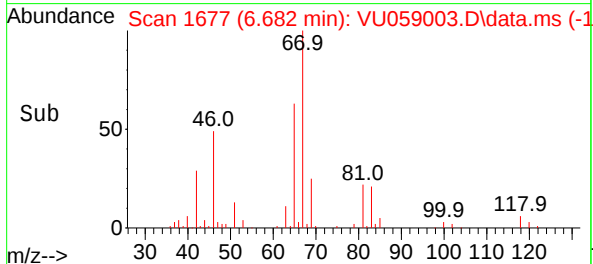
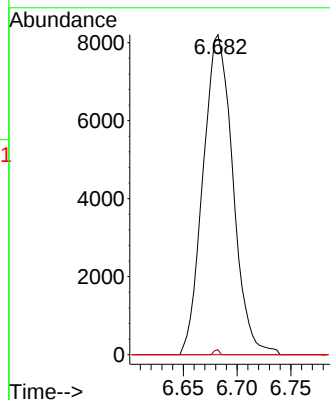
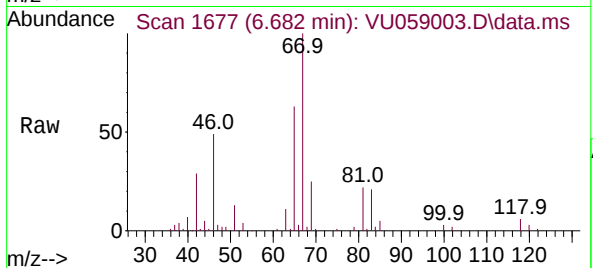
Tgt Ion: 83 Resp: 15857

Ion Ratio Lower Upper

83 100

55 0.3 61.5 92.3#

98 0.7 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 6.287 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059003.D

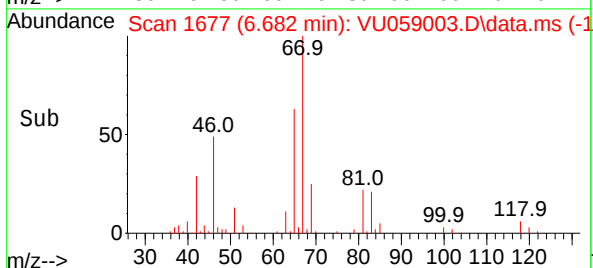
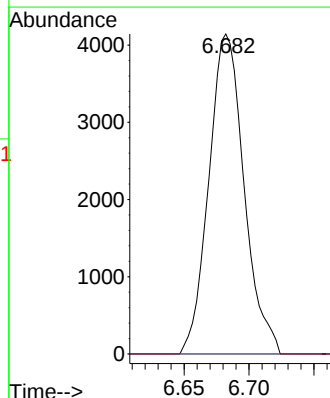
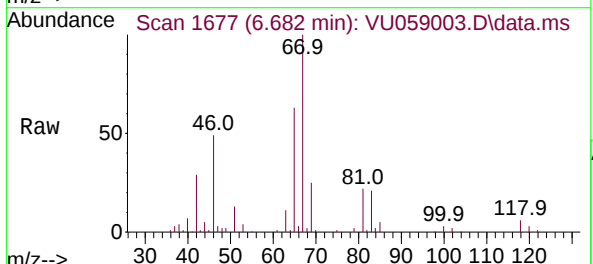
Acq: 25 May 2024 16:59

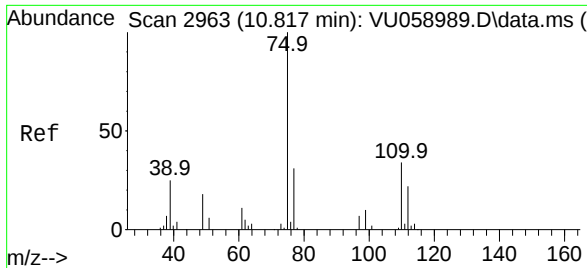
Tgt Ion: 63 Resp: 7814

Ion Ratio Lower Upper

63 100

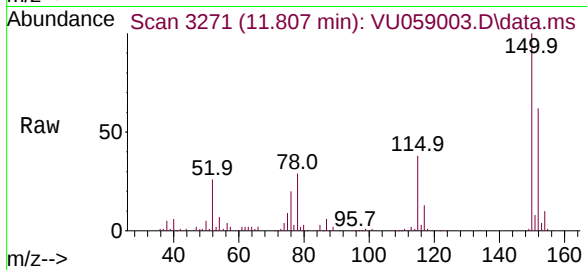
112 0.0 2.5 3.7#





#60
1,2,3-Trichloropropane
Concen: 5.820 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059003.D
Acq: 25 May 2024 16:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8159
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6
110 2.5 28.3 42.5#

