

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058035.D
 Acq On : 11 Mar 2024 12:07
 Operator : MD/SY
 Sample : P1636-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:07:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

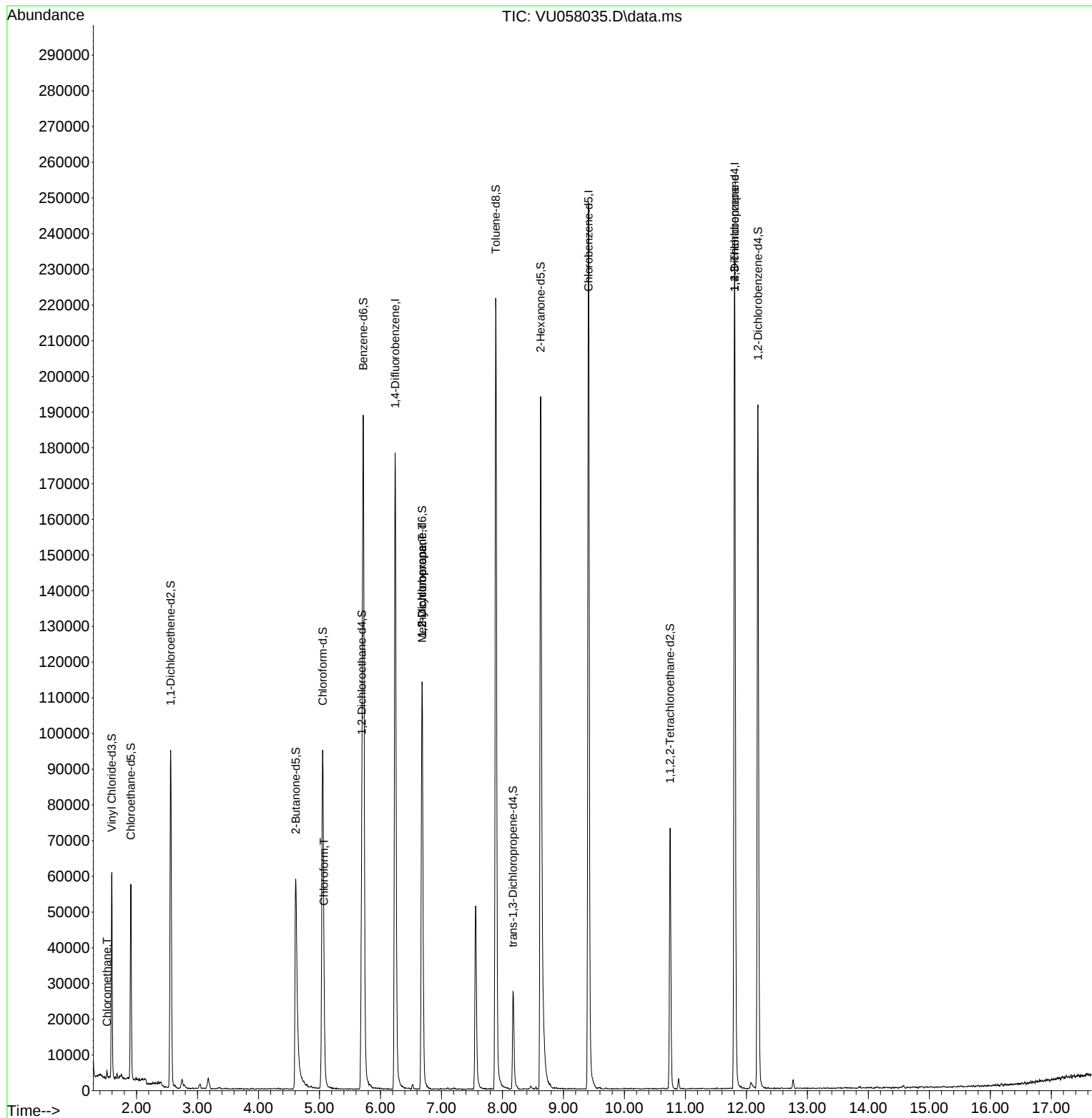
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146314	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39732	3.774	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.907	69	36813	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	18691	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.611	46	93402	53.849	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.700%
24) Chloroform-d	5.052	84	90879	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	44172	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	179209	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.682	67	57601	4.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	153193	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.174	79	17604	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	73949	51.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36931	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	51370	4.934	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1241	0.120	ug/L	89
25) Chloroform	5.074	83	4164	0.213	ug/L	92
35) Methylcyclohexane	6.685	83	12753	0.729	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6199	0.554	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	8610	1.663	ug/L #	70

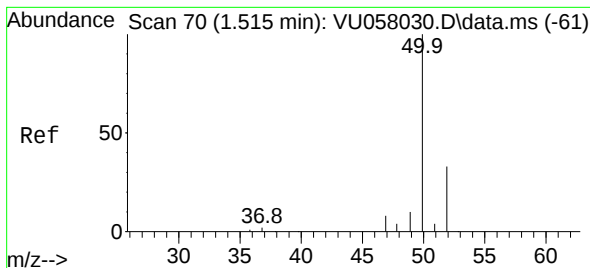
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.120 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU058035.D

Acq: 11 Mar 2024 12:07

Instrument :

MSVOA_U

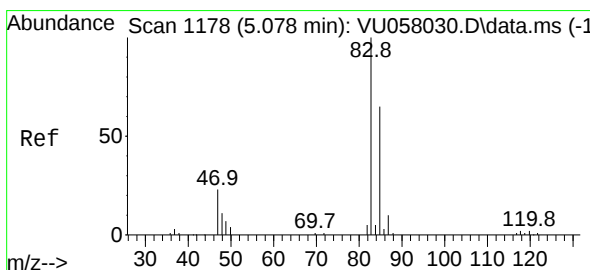
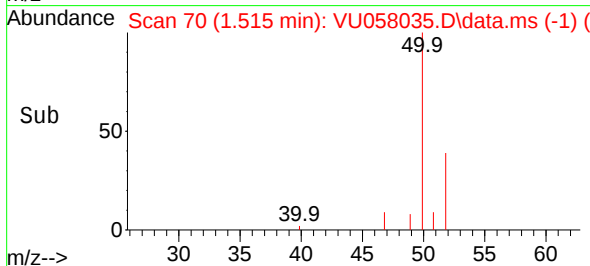
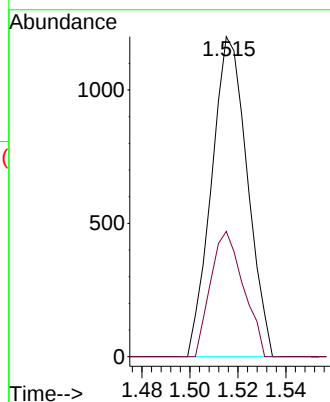
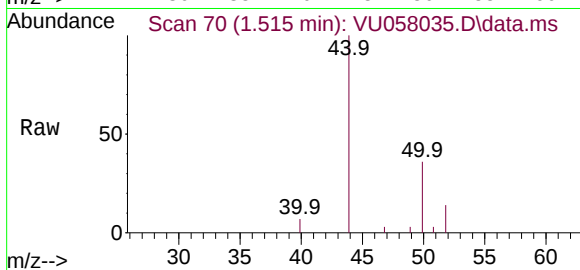
ClientSampleId :

Tgt Ion: 50 Resp: 1241

Ion Ratio Lower Upper

50 100

52 39.2 23.1 42.9



#25

Chloroform

Concen: 0.213 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU058035.D

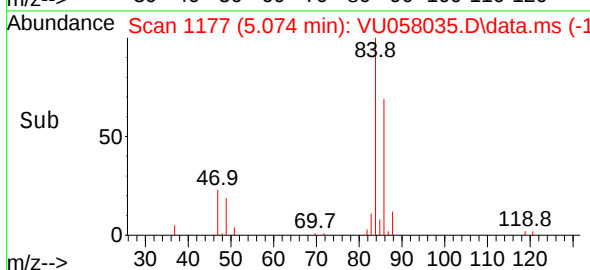
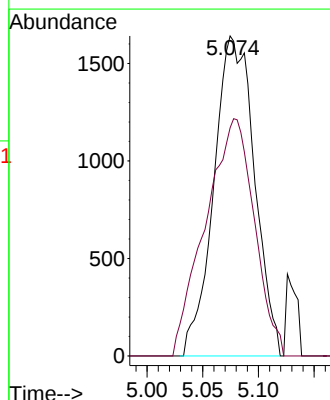
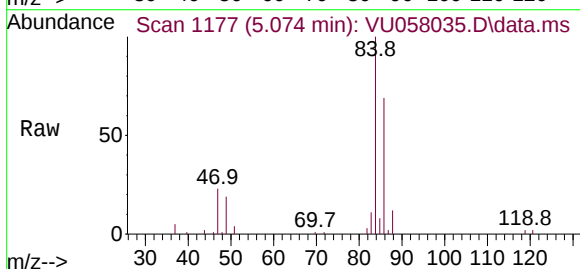
Acq: 11 Mar 2024 12:07

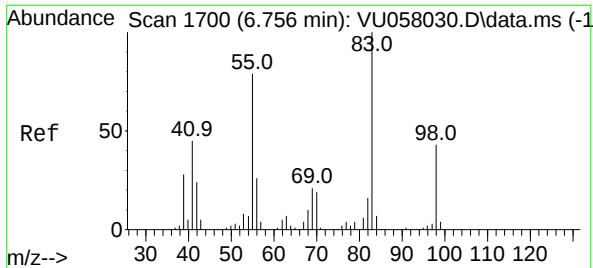
Tgt Ion: 83 Resp: 4164

Ion Ratio Lower Upper

83 100

85 71.3 45.4 84.4





#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058035.D

Acq: 11 Mar 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

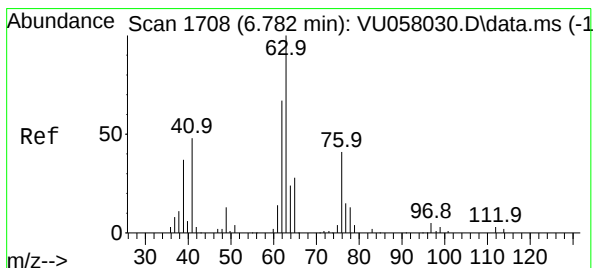
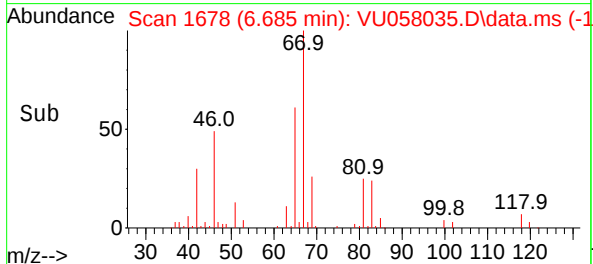
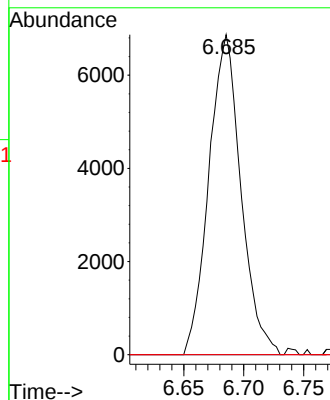
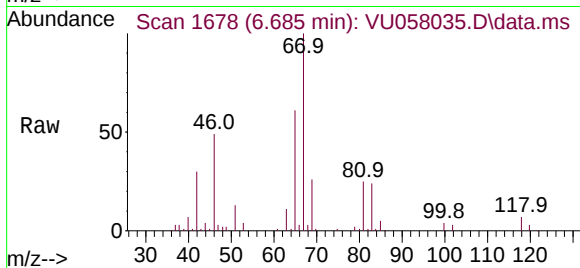
Tgt Ion: 83 Resp: 12753

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 1.4 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058035.D

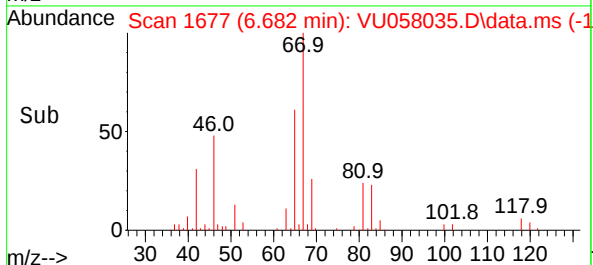
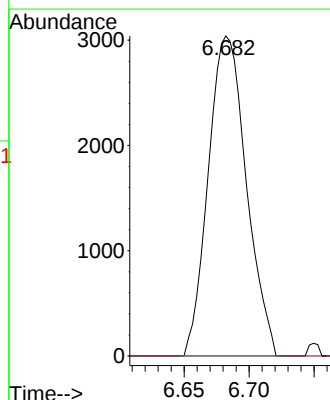
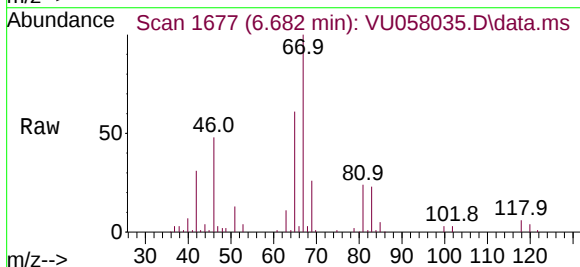
Acq: 11 Mar 2024 12:07

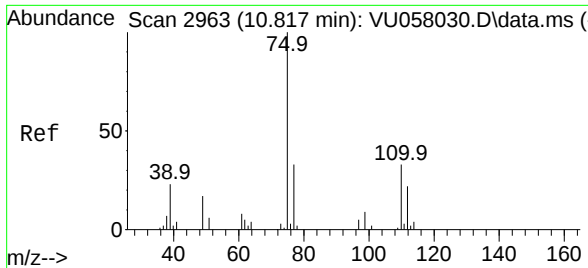
Tgt Ion: 63 Resp: 6199

Ion Ratio Lower Upper

63 100

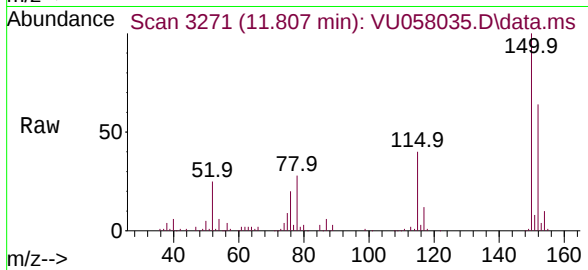
112 0.0 3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 1.663 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058035.D
Acq: 11 Mar 2024 12:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8610
Ion Ratio Lower Upper
75 100
110 2.3 28.0 42.0#
77 30.4 24.7 37.1

