

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056945.D
 Acq On : 16 Dec 2023 22:56
 Operator : MD/SY
 Sample : 05811-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:03:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

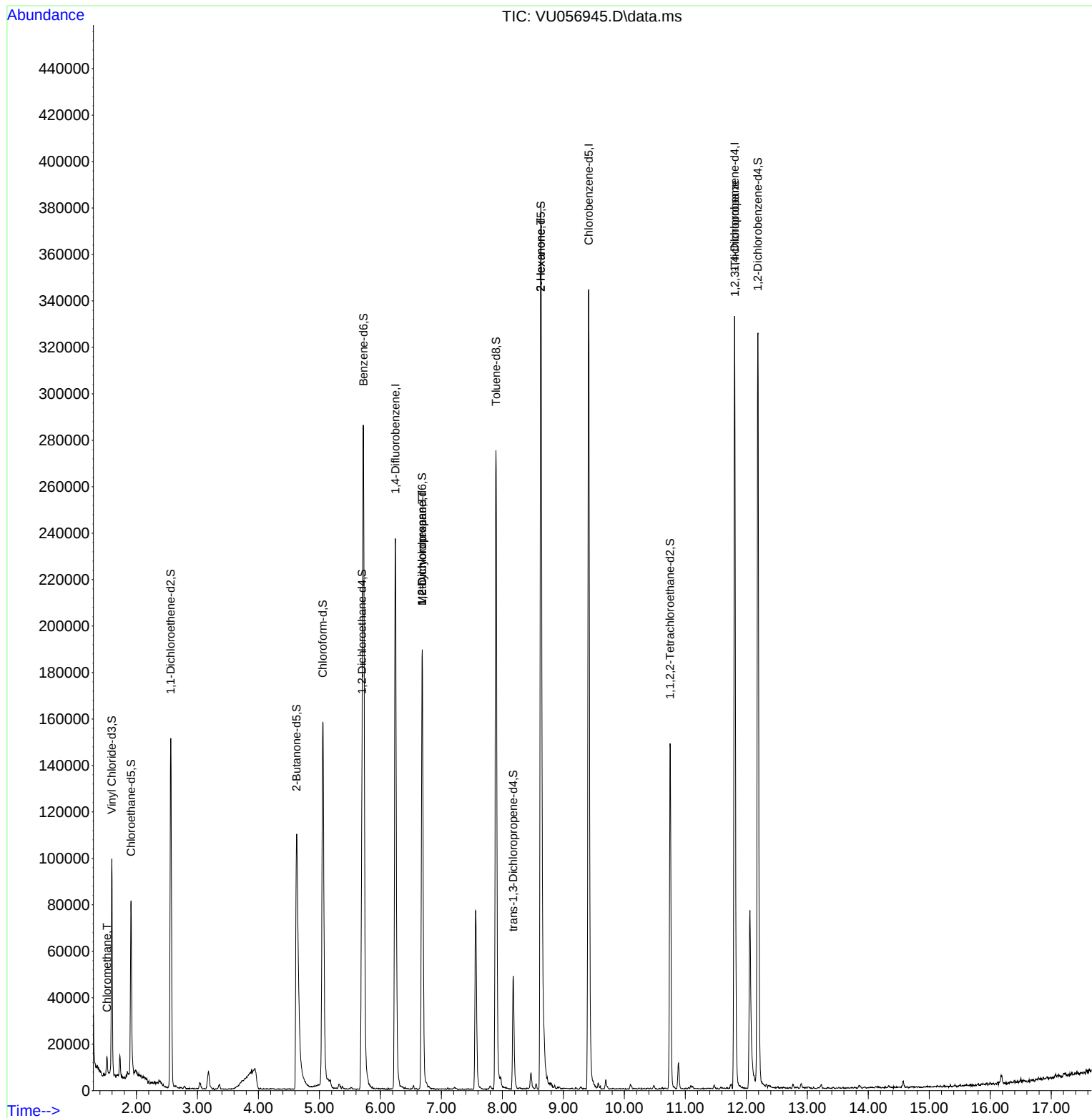
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	195951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	207054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62841	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	56286	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	28069	3.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.624	46	195874	59.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.100%
24) Chloroform-d	5.055	84	153886	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	75274	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	271589	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.685	67	93579	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.894	98	195732	3.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.177	79	28840	3.700	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.631	63	135937	46.236	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	74453	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	87240	4.969	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
3) Chloromethane	1.515	50	4436	0.220	ug/L	99
35) Methylcyclohexane	6.685	83	21673	0.736	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10413	0.559	ug/L #	89
48) 2-Hexanone	8.628	43	17183	2.730	ug/L #	75
61) 1,2,3-Trichloropropane	11.811	75	10989	1.146	ug/L #	70

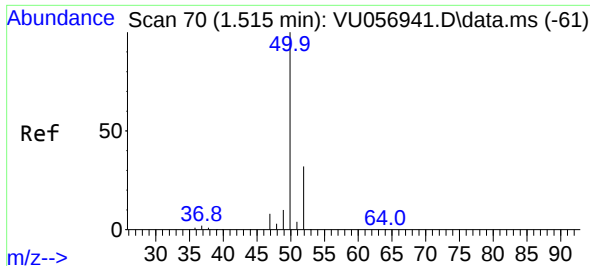
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
Data File : VU056945.D
Acq On : 16 Dec 2023 22:56
Operator : MD/SY
Sample : 05811-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:03:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

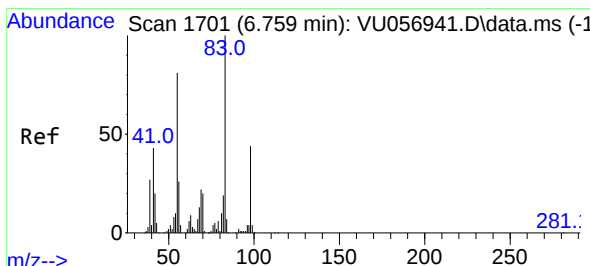
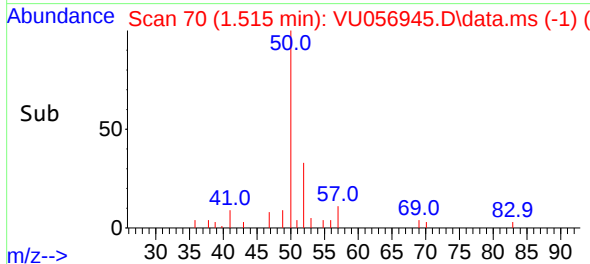
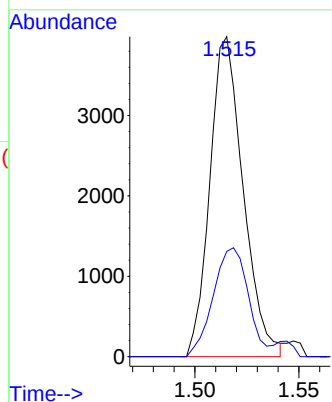
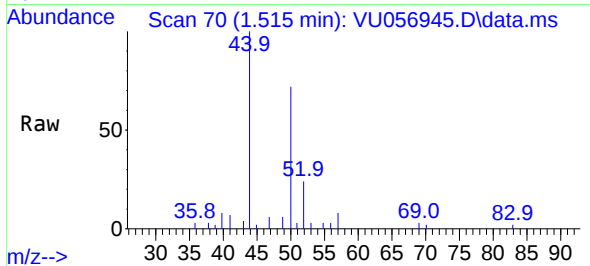




#3
Chloromethane
Concen: 0.220 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056945.D
Acq: 16 Dec 2023 22:56

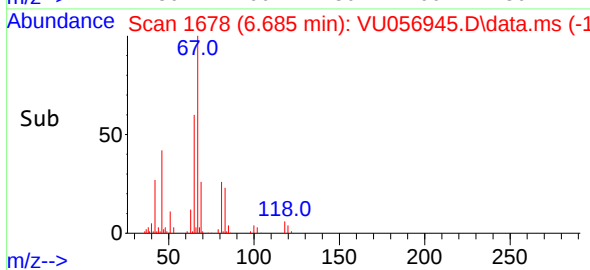
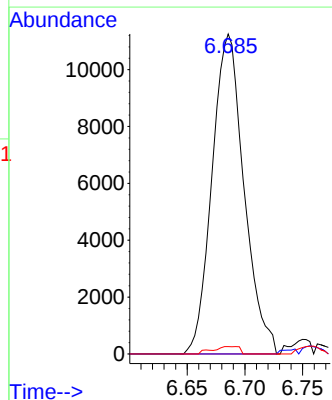
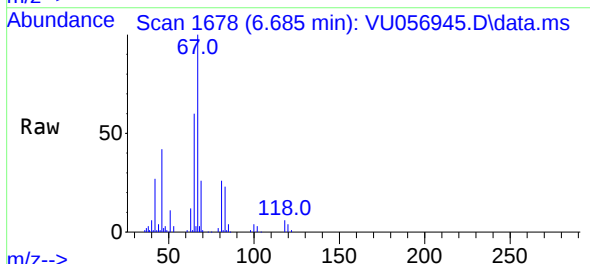
Instrument :
MSVOA_U
ClientSampleId :

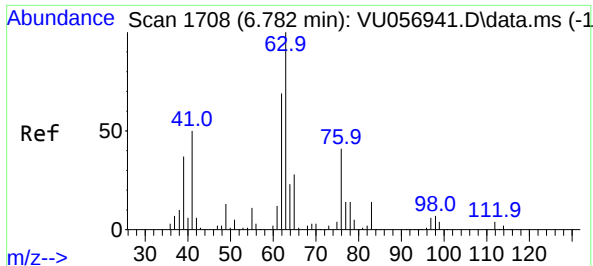
Tgt Ion: 50 Resp: 4436
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7



#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056945.D
Acq: 16 Dec 2023 22:56

Tgt Ion: 83 Resp: 21673
Ion Ratio Lower Upper
83 100
55 0.6 64.6 97.0#
98 1.5 36.1 54.1#

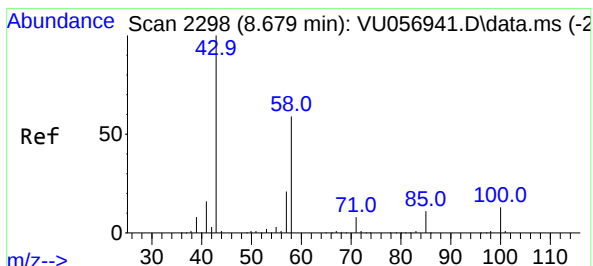
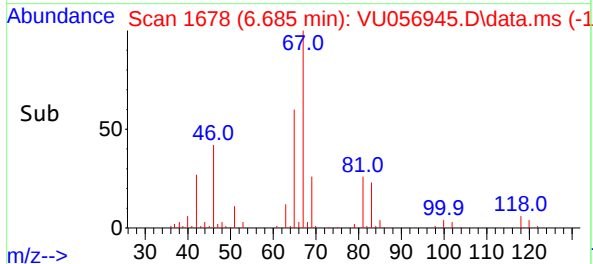
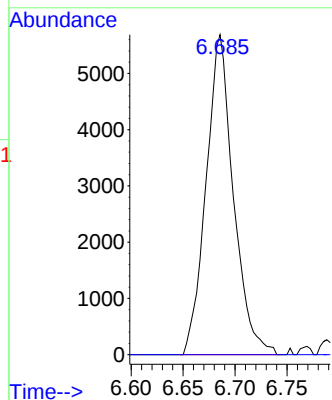
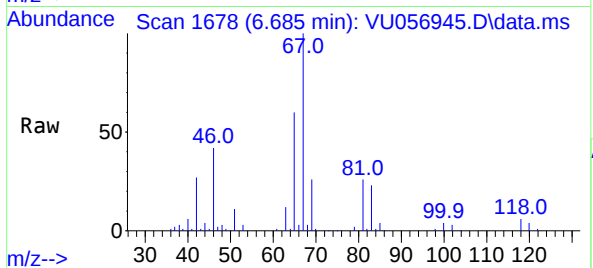




#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056945.D
Acq: 16 Dec 2023 22:56

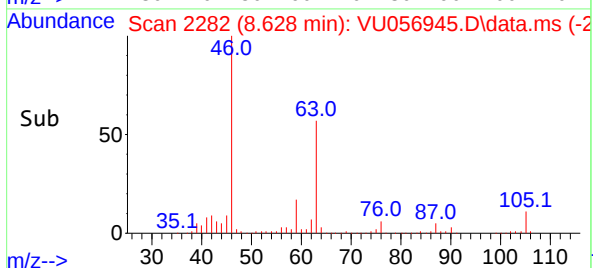
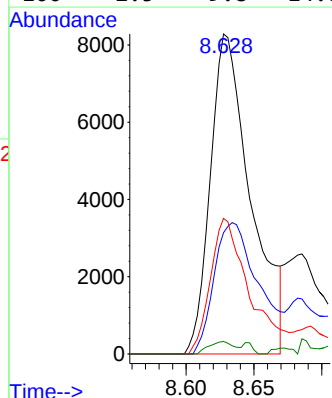
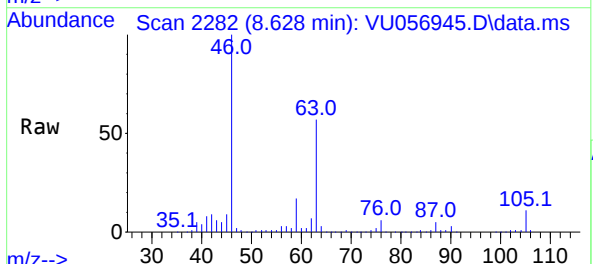
Instrument :
MSVOA_U
ClientSampleId :

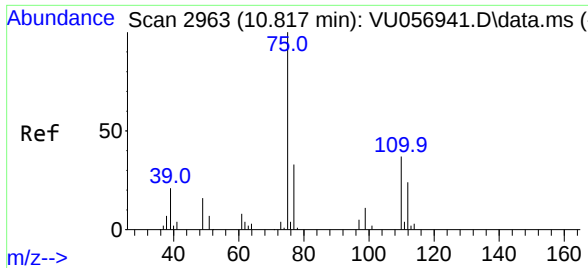
Tgt Ion: 63 Resp: 10413
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#48
2-Hexanone
Concen: 2.730 ug/L
RT: 8.628 min Scan# 2282
Delta R.T. -0.051 min
Lab File: VU056945.D
Acq: 16 Dec 2023 22:56

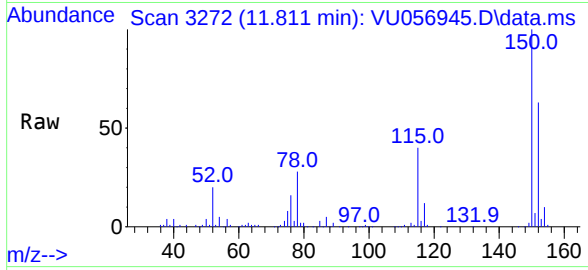
Tgt Ion: 43 Resp: 17183
Ion Ratio Lower Upper
43 100
58 45.6 47.5 71.3#
57 41.0 17.0 25.4#
100 2.5 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.146 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU056945.D
 Acq: 16 Dec 2023 22:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	10989
Ion	Ratio	Lower	Upper
75	100		
110	2.7	28.4	42.6#
77	34.2	26.3	39.5

