

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057142.D
 Acq On : 21 Dec 2023 18:25
 Operator : MD/SY
 Sample : 05866-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:32:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

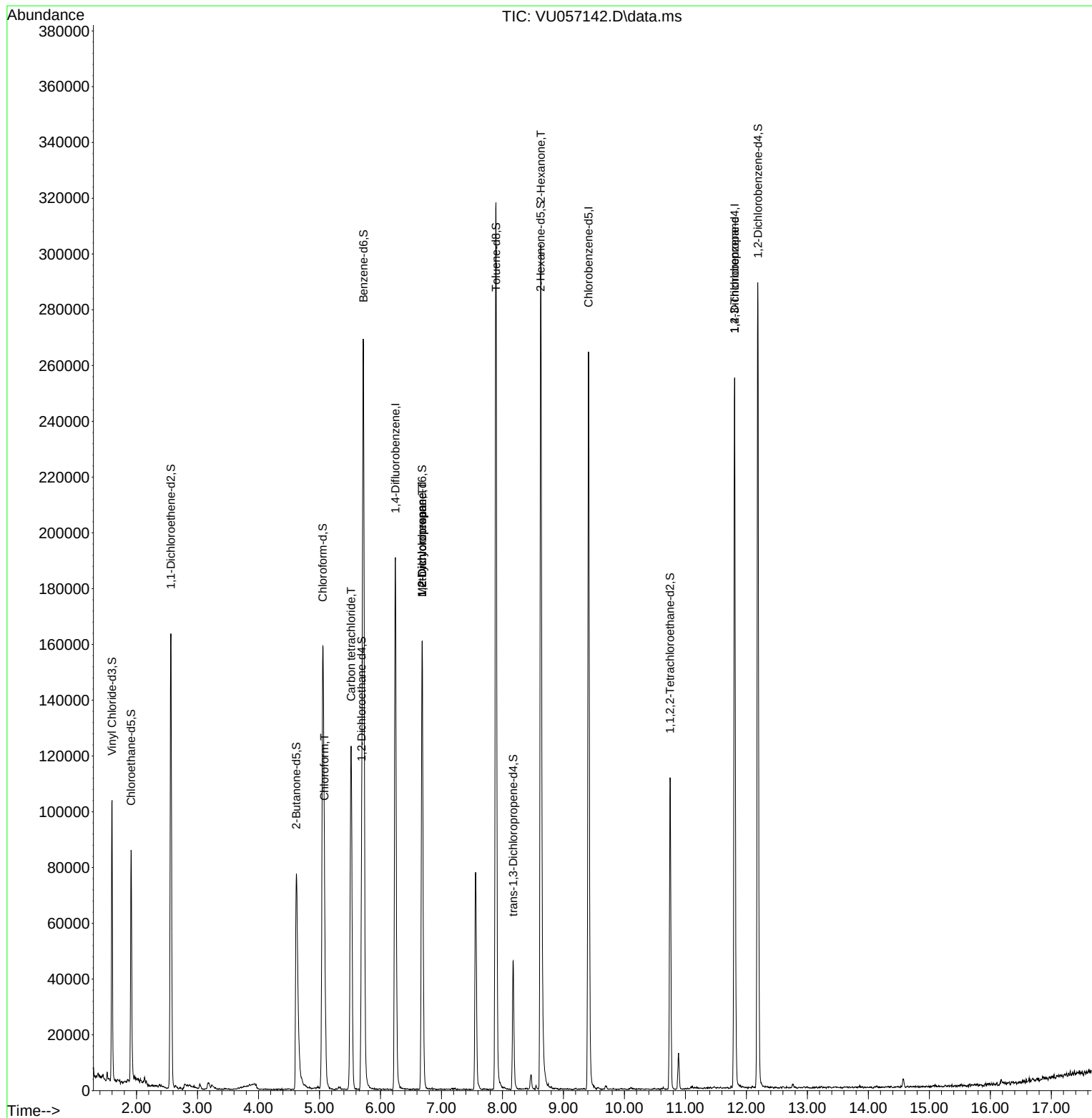
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155245	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	71685	4.831	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.911	69	60538	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.563	65	30804	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.621	46	118872	51.024	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	5.055	84	141321	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.692	65	68126	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	257188	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.682	67	73693	5.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.894	98	215494	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	29023	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	104213	51.491	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53746	5.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	71941	5.099	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
25) Chloroform	5.081	83	49809	1.966	ug/L	98
31) Carbon tetrachloride	5.518	117	86247	4.217	ug/L	95
35) Methylcyclohexane	6.682	83	18791	1.052	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8884	0.770	ug/L #	88
48) 2-Hexanone	8.631	43	13023	3.529	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	7809	1.278	ug/L #	64

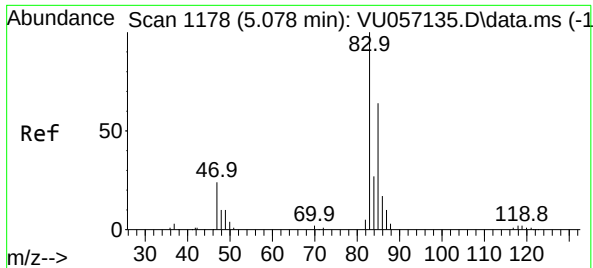
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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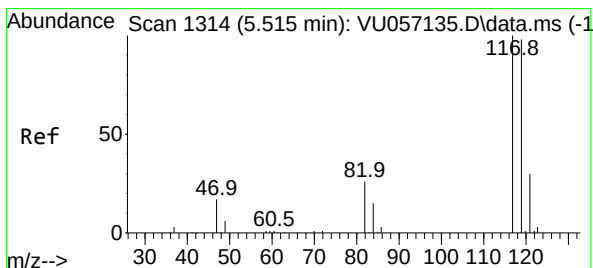
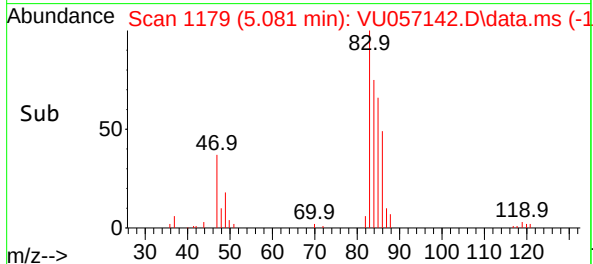
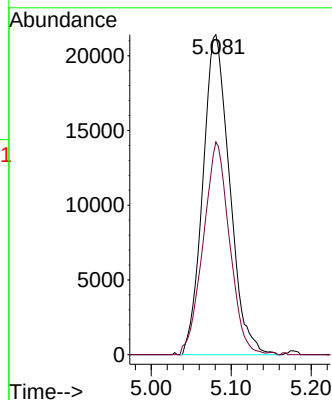
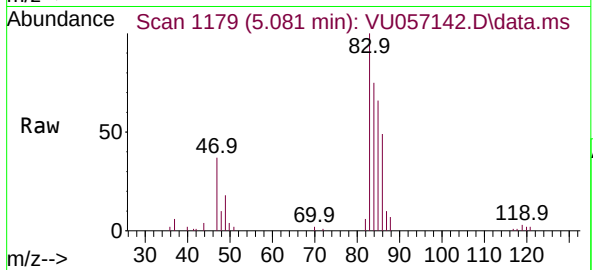




#25
Chloroform
Concen: 1.966 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU057142.D
Acq: 21 Dec 2023 18:25

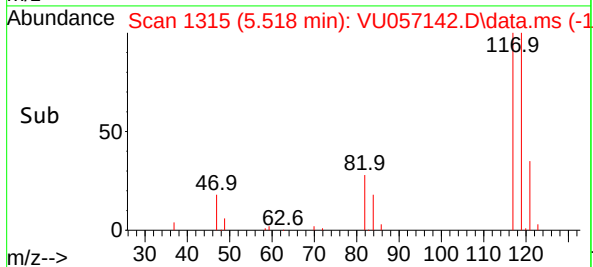
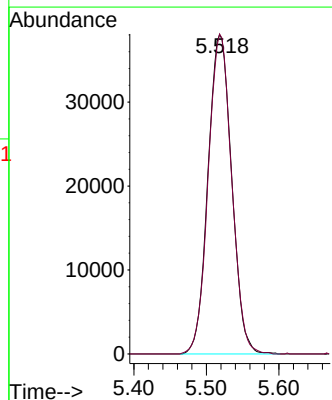
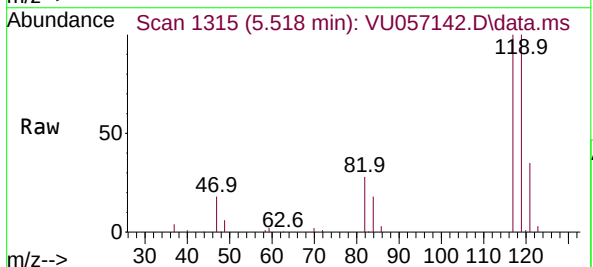
Instrument :
MSVOA_U
ClientSampleId :

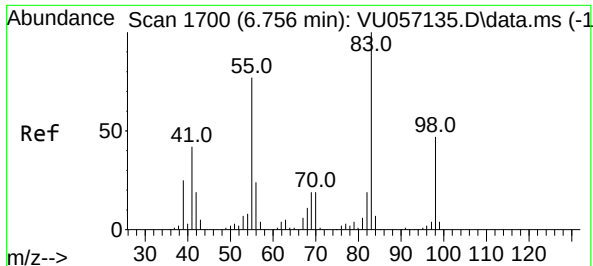
Tgt Ion: 83 Resp: 49809
Ion Ratio Lower Upper
83 100
85 66.4 45.4 84.4



#31
Carbon tetrachloride
Concen: 4.217 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU057142.D
Acq: 21 Dec 2023 18:25

Tgt Ion: 117 Resp: 86247
Ion Ratio Lower Upper
117 100
119 99.2 75.1 112.7





#35

Methylcyclohexane

Concen: 1.052 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057142.D

Acq: 21 Dec 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

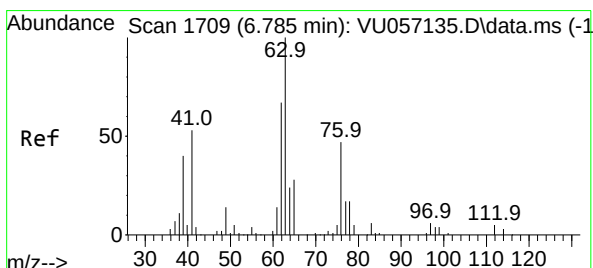
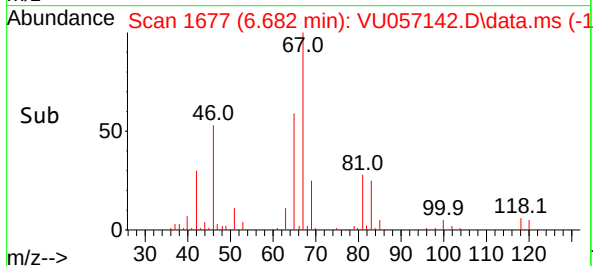
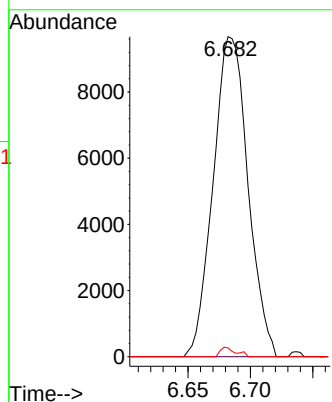
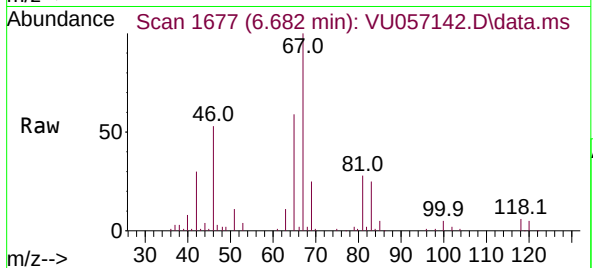
Tgt Ion: 83 Resp: 18791

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 1.3 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.770 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057142.D

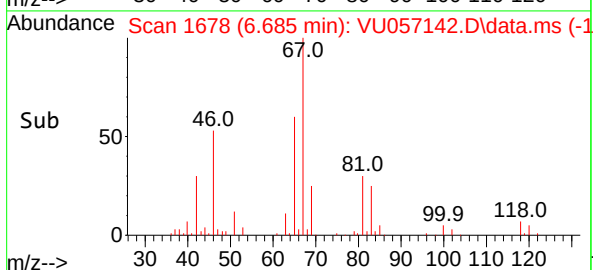
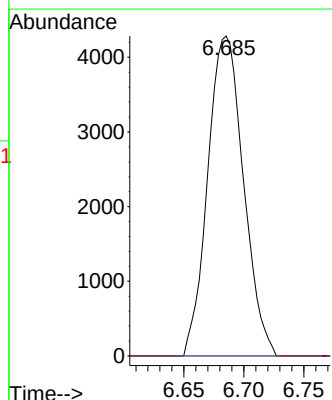
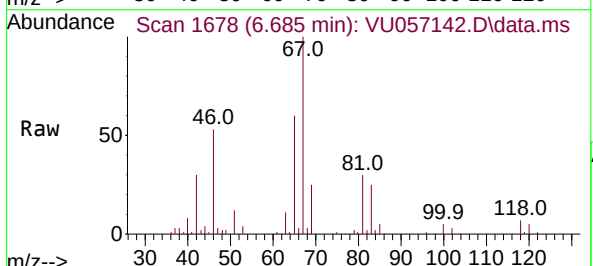
Acq: 21 Dec 2023 18:25

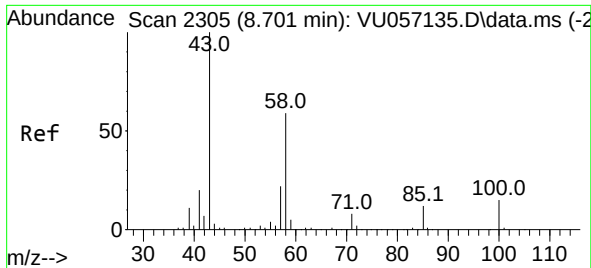
Tgt Ion: 63 Resp: 8884

Ion Ratio Lower Upper

63 100

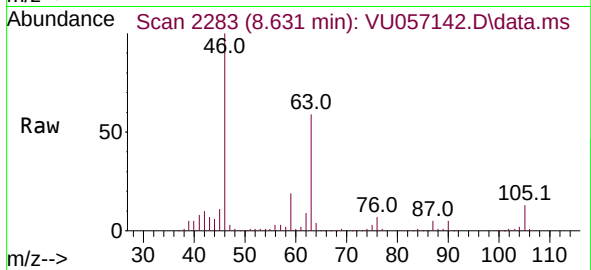
112 0.0 3.1 4.7#



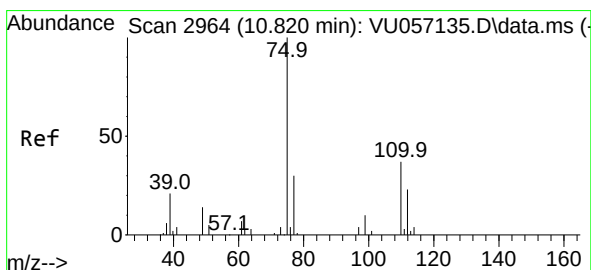
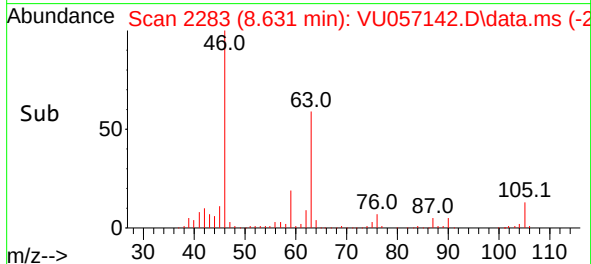
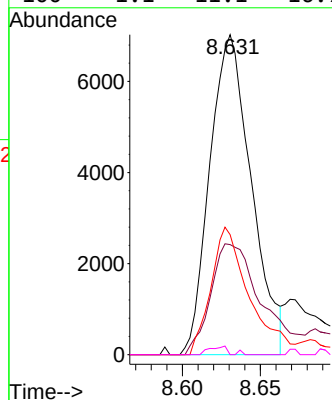


#48
2-Hexanone
Concen: 3.529 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.071 min
Lab File: VU057142.D
Acq: 21 Dec 2023 18:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 13023
Ion Ratio	Lower Upper
43 100	
58 42.7	49.8 74.8#
57 36.8	18.5 27.7#
100 1.1	11.1 16.7#



#61
1,2,3-Trichloropropane
Concen: 1.278 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU057142.D
Acq: 21 Dec 2023 18:25

Tgt Ion: 75	Resp: 7809
Ion Ratio	Lower Upper
75 100	
110 0.8	31.2 46.8#
77 33.7	25.5 38.3

