

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056877.D
 Acq On : 15 Dec 2023 14:21
 Operator : MD/SY
 Sample : 05677-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

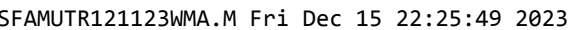
Quant Time: Dec 15 22:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

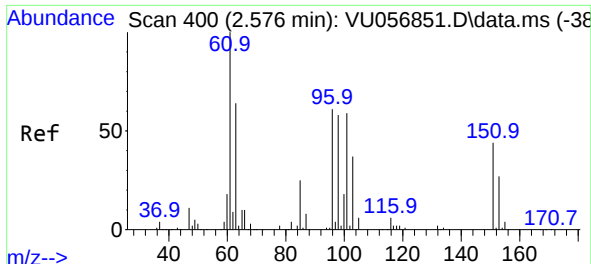
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225469	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	229797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90767	4.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.907	69	71407	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.563	65	39420	4.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.621	46	192691	50.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	5.055	84	181770	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	86685	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	341912	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.685	67	109700	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.894	98	282195	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	38410	4.440	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.631	63	151149	46.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77214	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	95059	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	10886	0.595	ug/L #	1
34) Trichloroethene	6.537	95	202791	9.154	ug/L	98
35) Methylcyclohexane	6.685	83	26005	0.795	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	12059	0.584	ug/L #	88
47) Tetrachloroethene	8.550	164	144602	9.327	ug/L	97
48) 2-Hexanone	8.685	43	6403	0.916	ug/L #	72
49) Dibromochloromethane	8.547	129	148676	9.261	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12526	1.216	ug/L #	69

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

Quant Time: Dec 15 22:25:45 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 01:53:53 2023
Response via : Initial Calibration

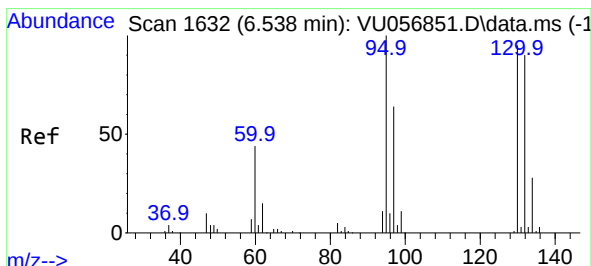
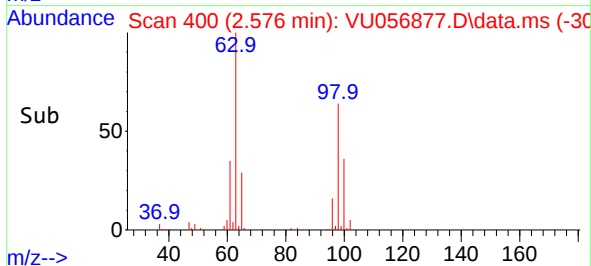
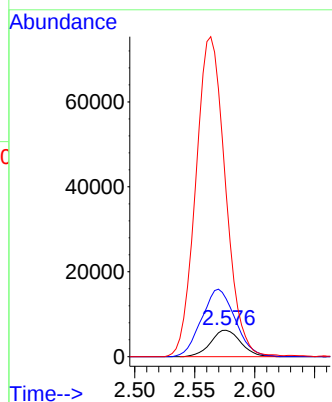
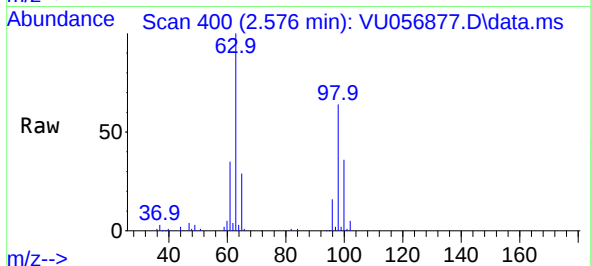




#12
1,1-Dichloroethene
Concen: 0.595 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056877.D
Acq: 15 Dec 2023 14:21

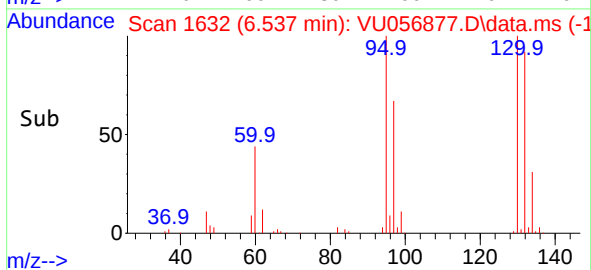
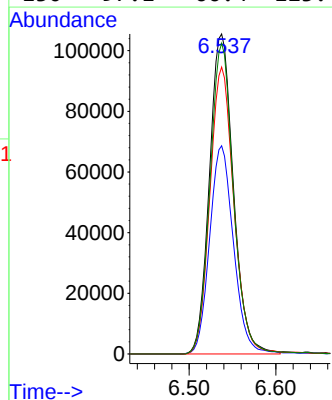
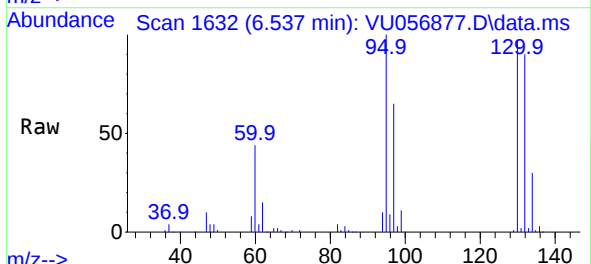
Instrument :
MSVOA_U
ClientSampleId :

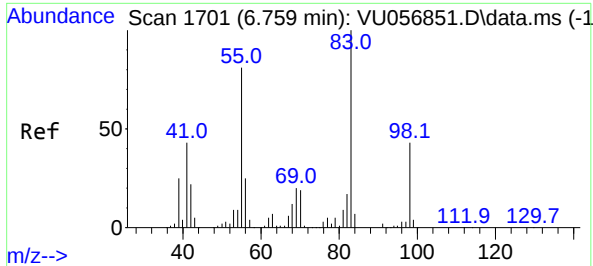
Tgt Ion: 96 Resp: 10886
Ion Ratio Lower Upper
96 100
61 219.0 119.0 221.0
63 622.1 88.7 164.7#



#34
Trichloroethene
Concen: 9.154 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056877.D
Acq: 15 Dec 2023 14:21

Tgt Ion: 95 Resp: 202791
Ion Ratio Lower Upper
95 100
97 65.1 46.1 85.5
132 89.6 63.6 118.0
130 97.1 66.4 123.4

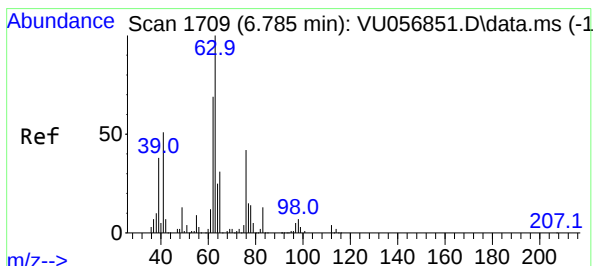
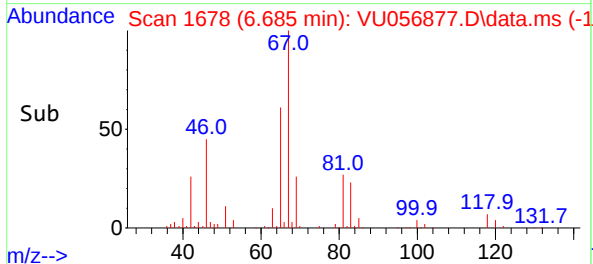
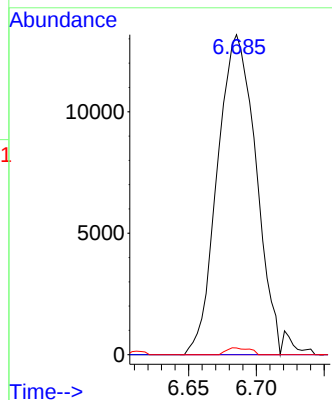
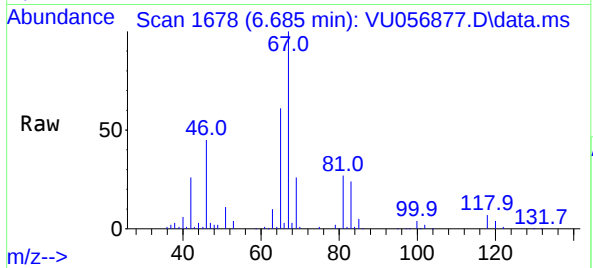




#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056877.D
Acq: 15 Dec 2023 14:21

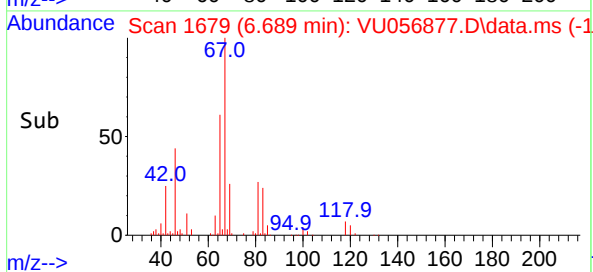
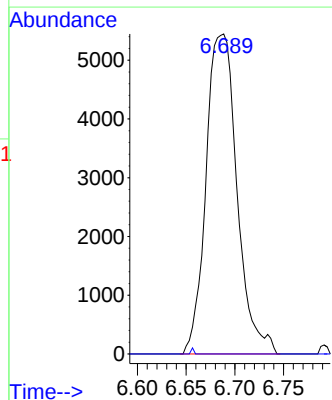
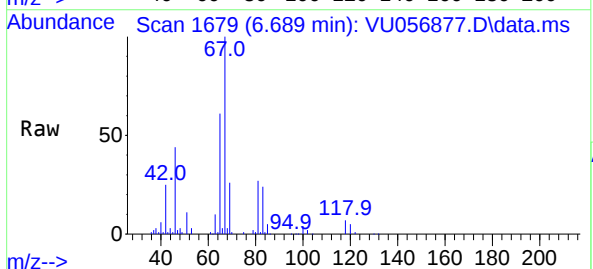
Instrument :
MSVOA_U
ClientSampleId :

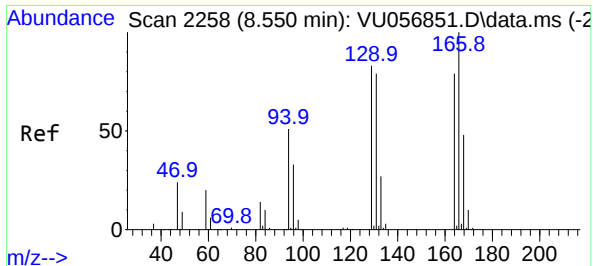
Tgt Ion: 83 Resp: 26005
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 1.3 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU056877.D
Acq: 15 Dec 2023 14:21

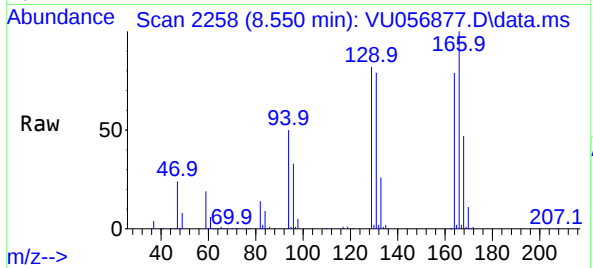
Tgt Ion: 63 Resp: 12059
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



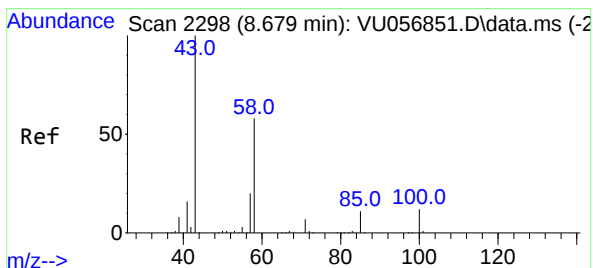
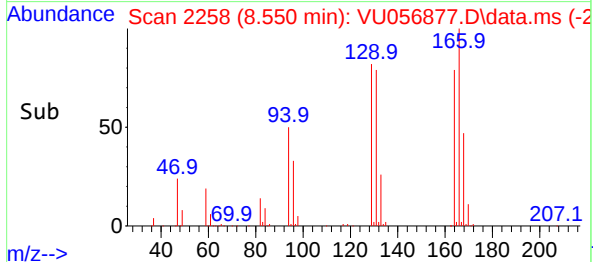
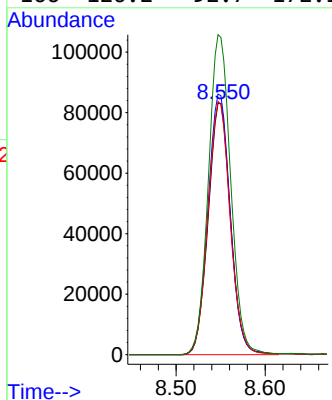


#47
Tetrachloroethene
Concen: 9.327 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056877.D
Acq: 15 Dec 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :

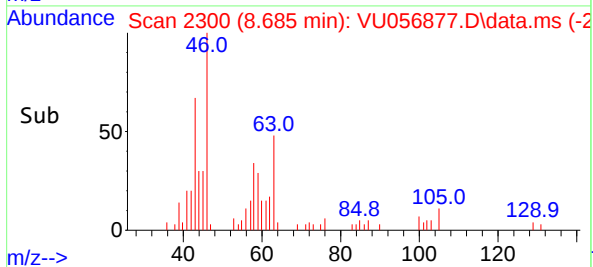
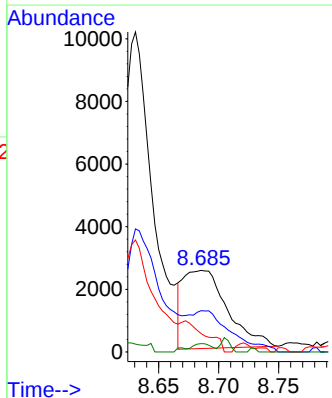
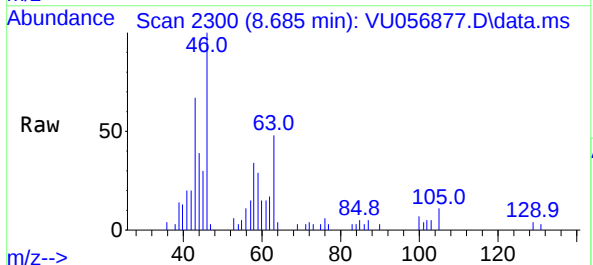


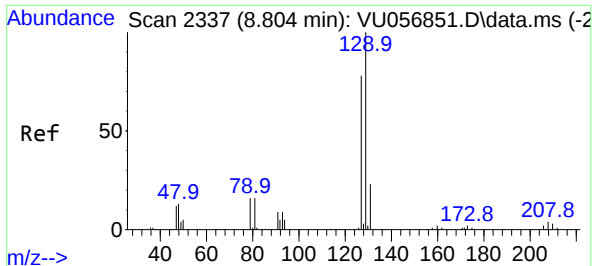
Tgt Ion:164 Resp: 144602
Ion Ratio Lower Upper
164 100
129 103.0 73.4 136.4
131 99.5 71.5 132.9
166 126.2 92.7 172.1



#48
2-Hexanone
Concen: 0.916 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056877.D
Acq: 15 Dec 2023 14:21

Tgt Ion: 43 Resp: 6403
Ion Ratio Lower Upper
43 100
58 41.1 47.5 71.3#
57 0.0 17.0 25.4#
100 4.7 9.8 14.8#





#49

Dibromochloromethane

Concen: 9.261 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056877.D

Acq: 15 Dec 2023 14:21

Instrument :

MSVOA_U

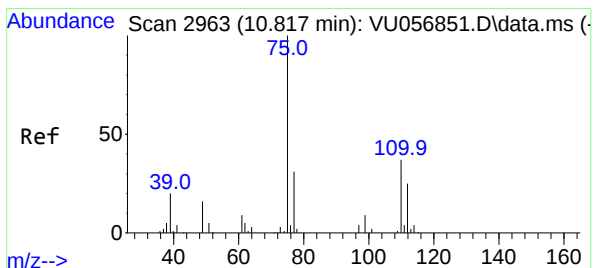
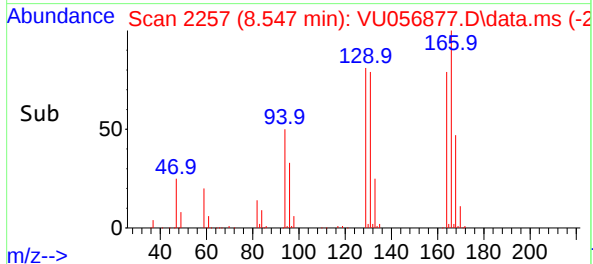
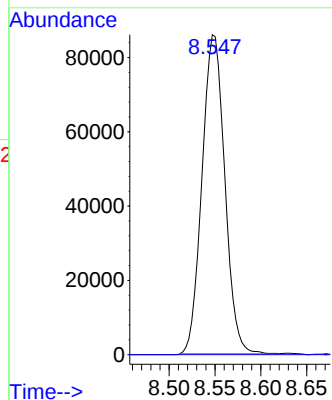
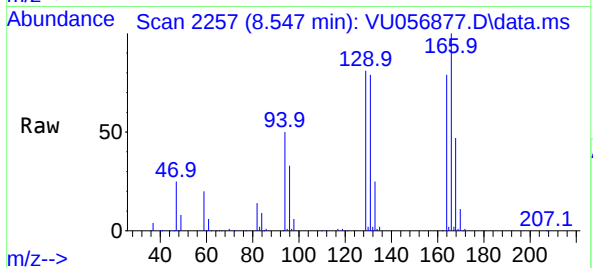
ClientSampleId :

Tgt Ion:129 Resp: 148676

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056877.D

Acq: 15 Dec 2023 14:21

Tgt Ion: 75 Resp: 12526

Ion Ratio Lower Upper

75 100

110 1.6 28.4 42.6#

77 33.4 26.3 39.5

