

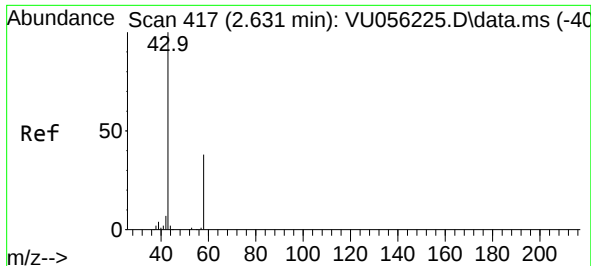
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056242.D
 Acq On : 12 Nov 2023 02:10
 Operator : MD/SY
 Sample : 05372-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 03:15:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	366453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	369915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	167142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	83884	3.688	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.911	69	80230	5.198	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.563	65	39101	3.902	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.634	46	278103	74.527	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.060%#	
24) Chloroform-d	5.055	84	217807	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.698	65	106631	5.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.800%	
32) Benzene-d6	5.724	84	423103	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.685	67	133876	5.119	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.894	98	352264	4.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.177	79	48267	4.828	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.631	63	232221	70.874	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	141.740%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111434	5.970	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	139876	5.427	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
13) Acetone	2.650	43	30165	10.961	ug/L	100
21) 2-Butanone	4.724	43	8226	1.812	ug/L #	68
34) Trichloroethene	6.537	95	83535	2.887	ug/L	98
35) Methylcyclohexane	6.685	83	32303	0.751	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	14519	0.527	ug/L #	87
47) Tetrachloroethene	8.550	164	4330	0.199	ug/L	91
48) 2-Hexanone	8.692	43	12548	1.430	ug/L #	85
49) Dibromochloromethane	8.553	129	3888	0.180	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19356	1.342	ug/L #	69

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



#13

Acetone

Concen: 10.961 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.019 min

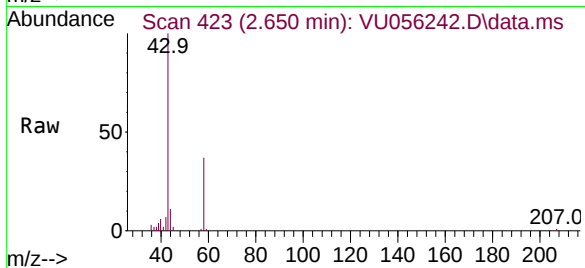
Lab File: VU056242.D

Acq: 12 Nov 2023 02:10

Instrument :

MSVOA_U

ClientSampleId :

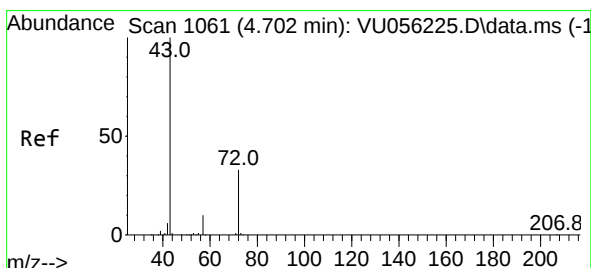
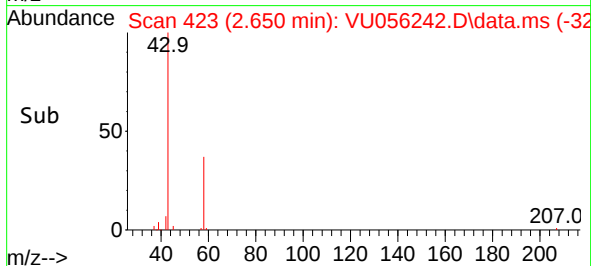
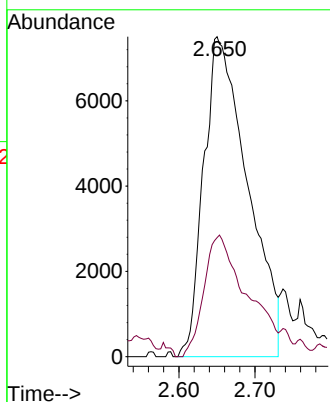


Tgt Ion: 43 Resp: 30165

Ion Ratio Lower Upper

43 100

58 37.1 0.0 74.4



#21

2-Butanone

Concen: 1.812 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.022 min

Lab File: VU056242.D

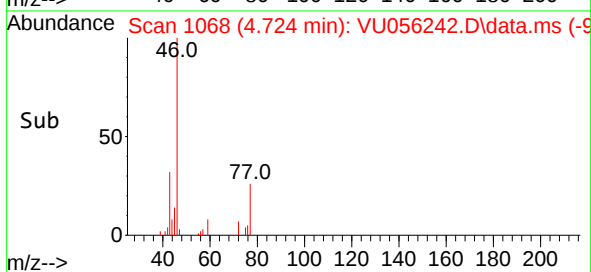
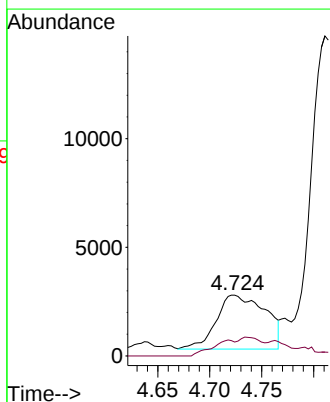
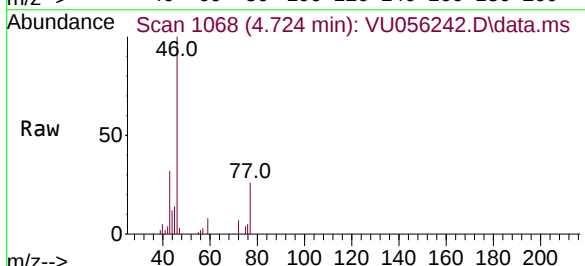
Acq: 12 Nov 2023 02:10

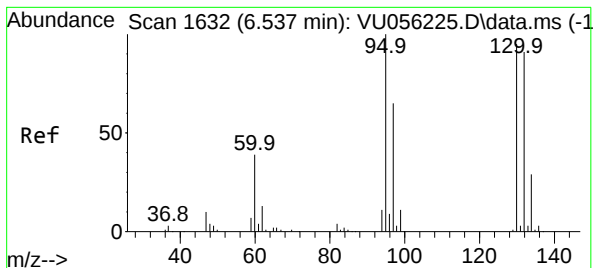
Tgt Ion: 43 Resp: 8226

Ion Ratio Lower Upper

43 100

72 13.6 15.7 47.0#





#34

Trichloroethene

Concen: 2.887 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056242.D

Acq: 12 Nov 2023 02:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 83535

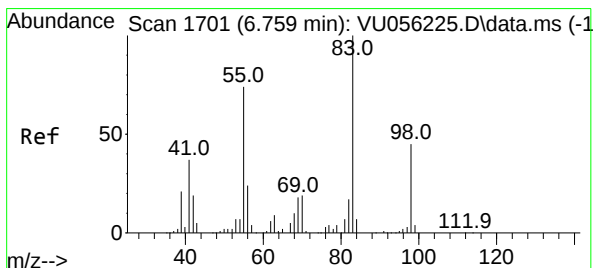
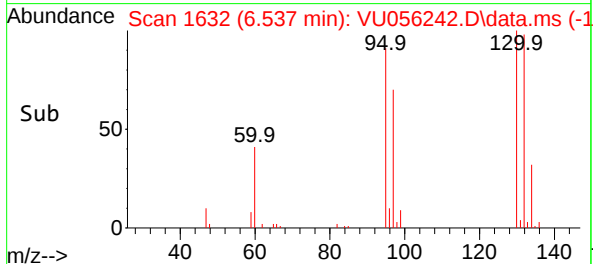
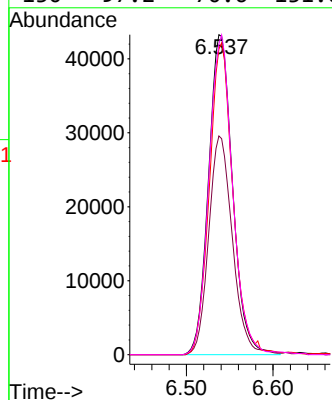
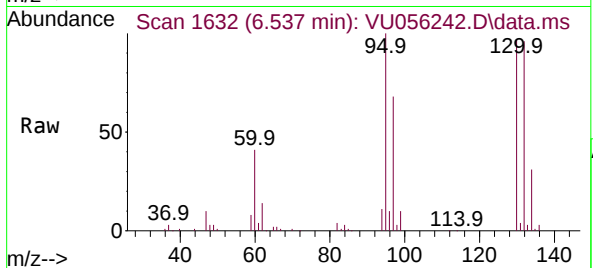
Ion Ratio Lower Upper

95 100

97 68.4 46.8 87.0

132 95.5 66.5 123.5

130 97.2 70.6 131.0



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056242.D

Acq: 12 Nov 2023 02:10

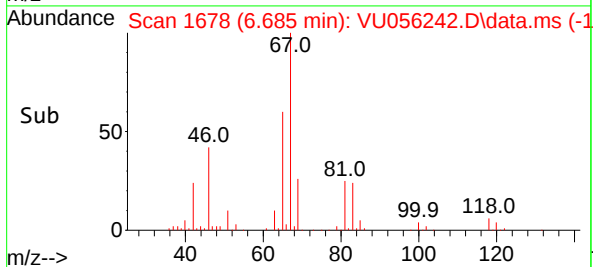
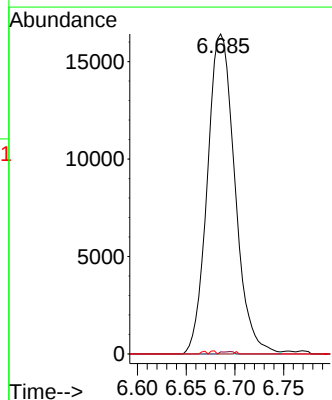
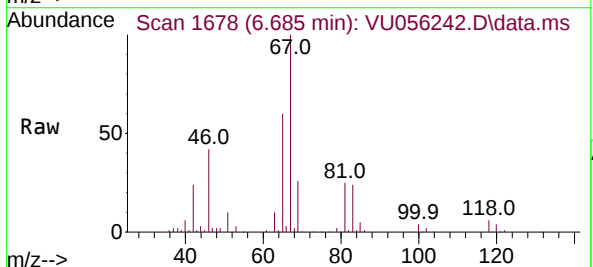
Tgt Ion: 83 Resp: 32303

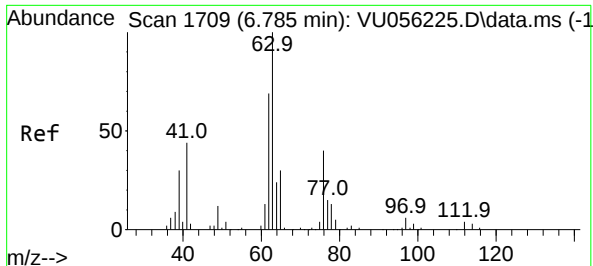
Ion Ratio Lower Upper

83 100

55 0.3 60.6 91.0#

98 5.4 36.2 54.4#

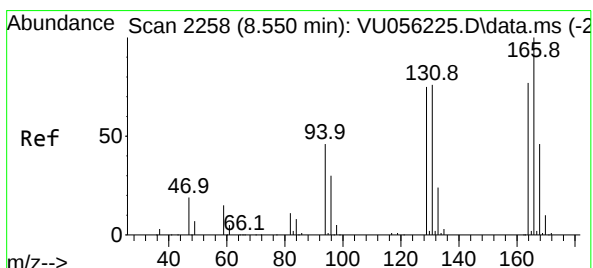
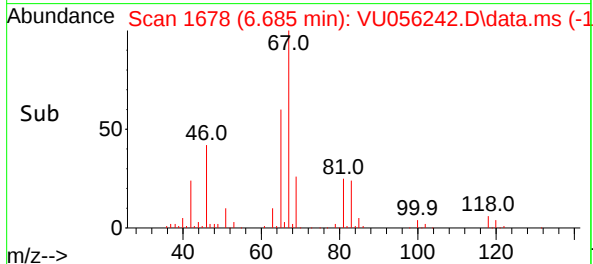
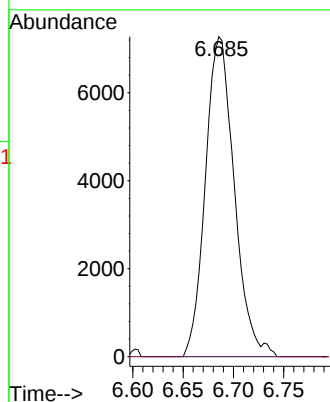
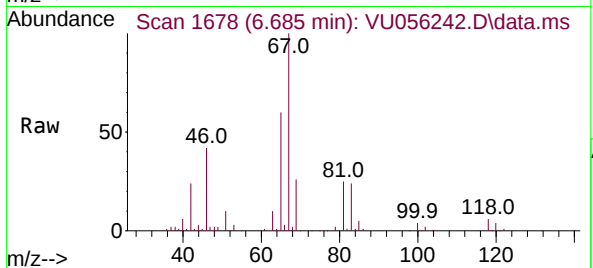




#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056242.D
Acq: 12 Nov 2023 02:10

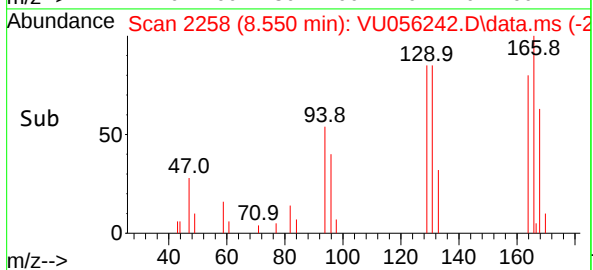
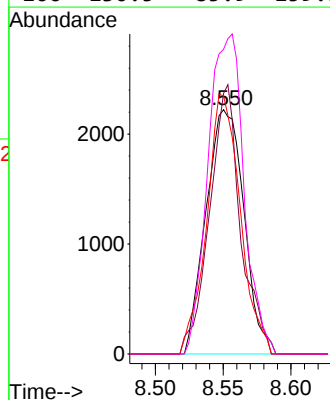
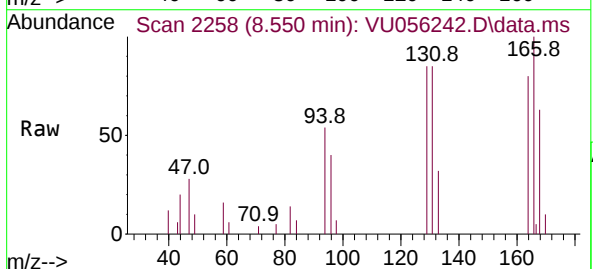
Instrument :
MSVOA_U
ClientSampleId :

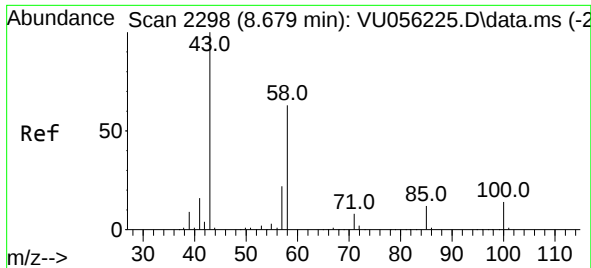
Tgt Ion: 63 Resp: 14519
Ion Ratio Lower Upper
63 100
112 0.1 3.4 5.2#



#47
Tetrachloroethene
Concen: 0.199 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056242.D
Acq: 12 Nov 2023 02:10

Tgt Ion: 164 Resp: 4330
Ion Ratio Lower Upper
164 100
129 106.6 66.6 123.8
131 105.7 67.8 126.0
166 130.5 85.9 159.5

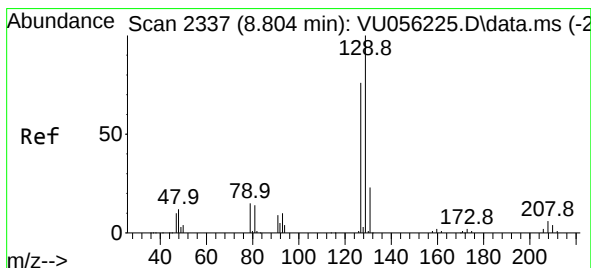
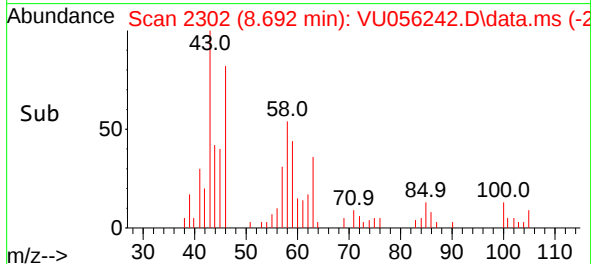
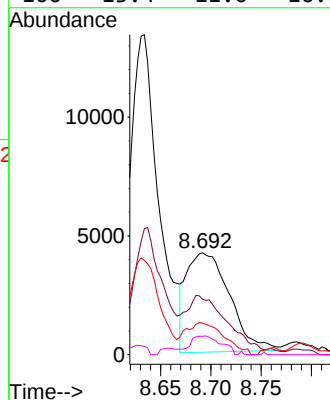
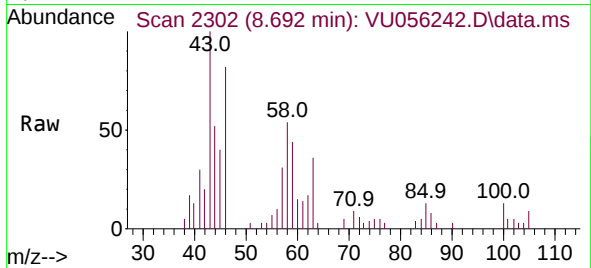




#48
2-Hexanone
Concen: 1.430 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056242.D
Acq: 12 Nov 2023 02:10

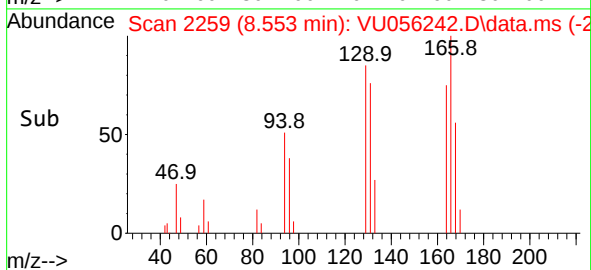
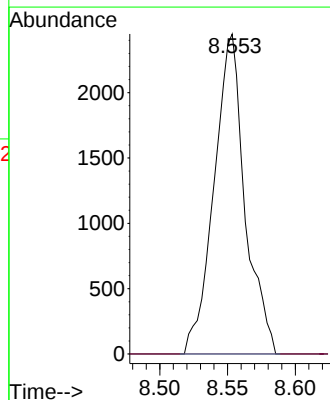
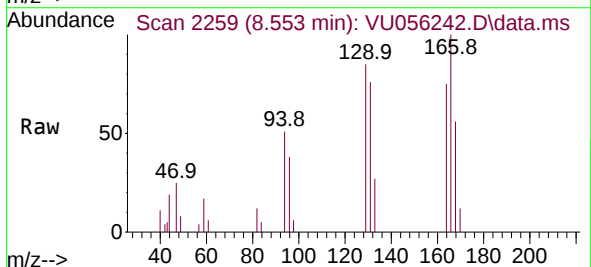
Instrument :
MSVOA_U
ClientSampleId :

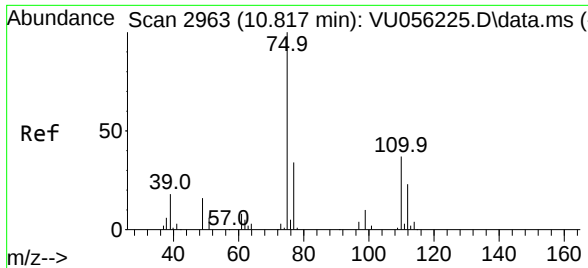
Tgt Ion: 43 Resp: 12548
Ion Ratio Lower Upper
43 100
58 51.1 52.0 78.0#
57 29.1 17.4 26.2#
100 13.4 11.0 16.6



#49
Dibromochloromethane
Concen: 0.180 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU056242.D
Acq: 12 Nov 2023 02:10

Tgt Ion:129 Resp: 3888
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.342 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056242.D
 Acq: 12 Nov 2023 02:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	19356
Ion Ratio	Lower	Upper	
75	100		
110	3.3	29.7	44.5#
77	31.2	25.5	38.3

