

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056231.D
 Acq On : 11 Nov 2023 21:43
 Operator : MD/SY
 Sample : 05371-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 22:19:25 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)

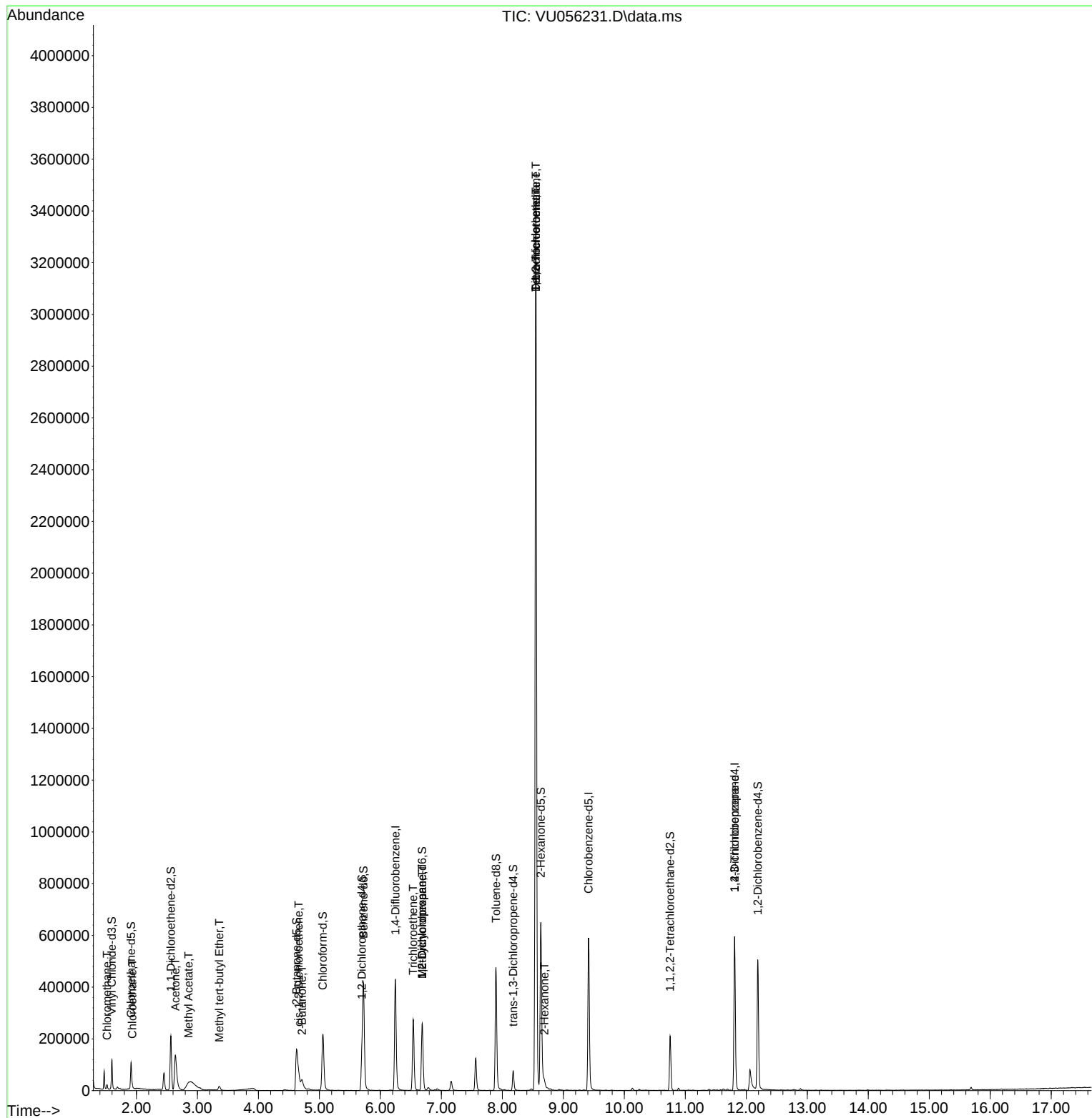
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	363016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	357560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	167477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82975	3.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	74261	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.564	65	39532	3.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.625	46	281181	76.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.140%#
24) Chloroform-d	5.056	84	211460	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	103559	5.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.721	84	407989	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.686	67	132767	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.895	98	337962	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.178	79	46098	4.771	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.631	63	241143	76.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.280%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	107154	5.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	136383	5.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.516	50	11061	0.384	ug/L	94
8) Chloroethane	1.930	64	4763	0.294	ug/L	98
13) Acetone	2.638	43	228972	83.990	ug/L	99
15) Methyl Acetate	2.853	43	11209	1.457	ug/L #	46
17) Methyl tert-butyl Ether	3.358	73	16671	0.317	ug/L #	92
21) 2-Butanone	4.715	43	60607	13.480	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	10274	0.385	ug/L	95
34) Trichloroethene	6.538	95	97306	3.479	ug/L	96
35) Methylcyclohexane	6.686	83	31117	0.749	ug/L #	19
37) 1,2-Dichloropropane	6.686	63	13515	0.508	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	6630	0.364	ug/L #	1
47) Tetrachloroethene	8.547	164	774178	36.885	ug/L	97
48) 2-Hexanone	8.689	43	18216	2.148	ug/L #	91
49) Dibromochloromethane	8.547	129	755998	36.199	ug/L #	10
61) 1,2,3-Trichloropropane	11.808	75	19703	1.363	ug/L #	68

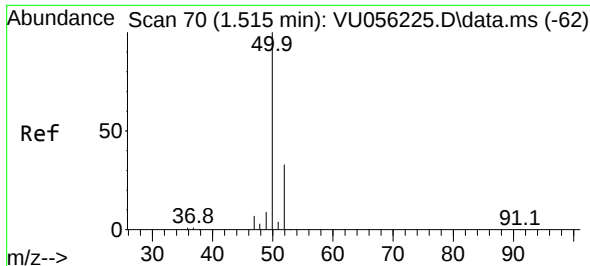
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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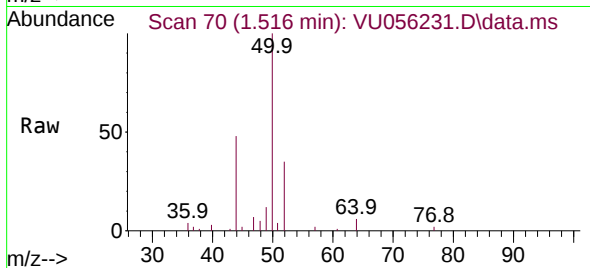
Quant Time: Nov 11 22:19:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0
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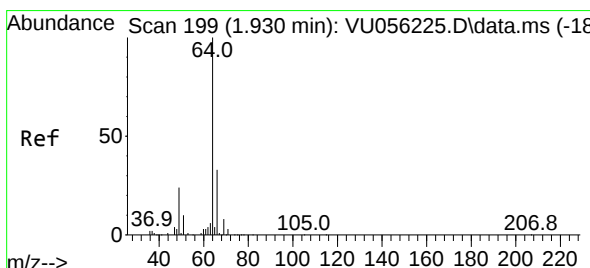
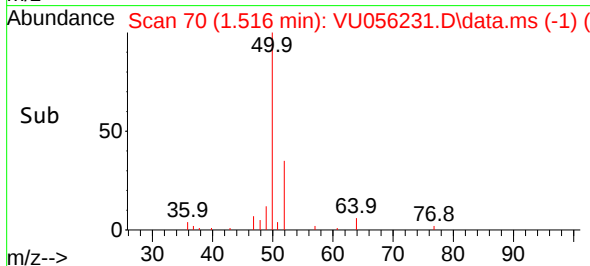
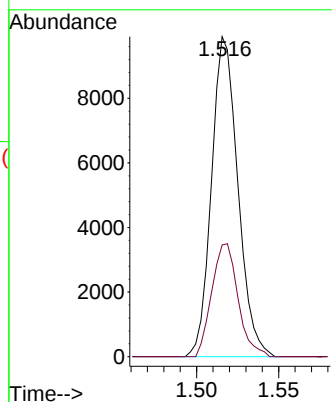


#3
Chloromethane
Concen: 0.384 ug/L
RT: 1.516 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056231.D
Acq: 11 Nov 2023 21:43

Instrument :
MSVOA_U
ClientSampleId :

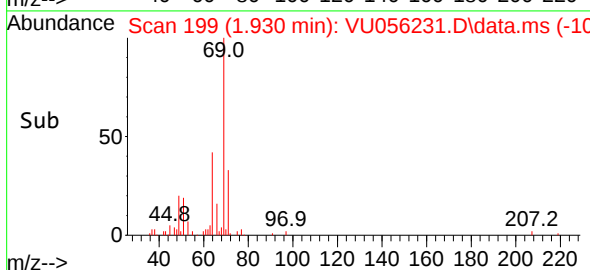
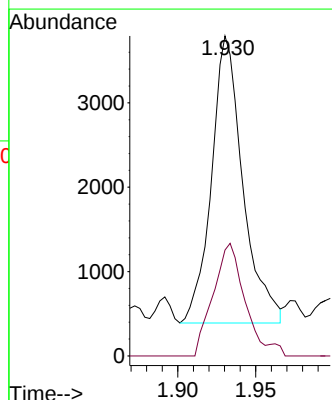
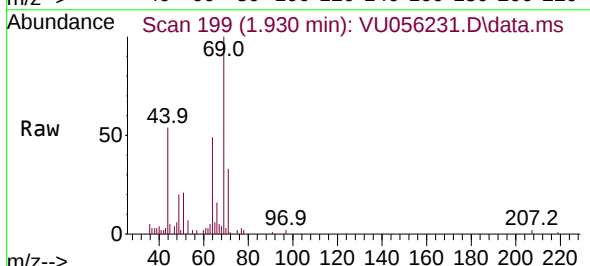


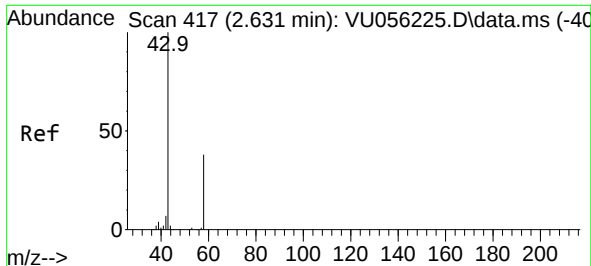
Tgt Ion: 50 Resp: 11061
Ion Ratio Lower Upper
50 100
52 34.9 22.2 41.2



#8
Chloroethane
Concen: 0.294 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056231.D
Acq: 11 Nov 2023 21:43

Tgt Ion: 64 Resp: 4763
Ion Ratio Lower Upper
64 100
66 33.1 22.4 41.6





#13

Acetone

Concen: 83.990 ug/L

RT: 2.638 min Scan# 417

Delta R.T. 0.007 min

Lab File: VU056231.D

Acq: 11 Nov 2023 21:43

Instrument :

MSVOA_U

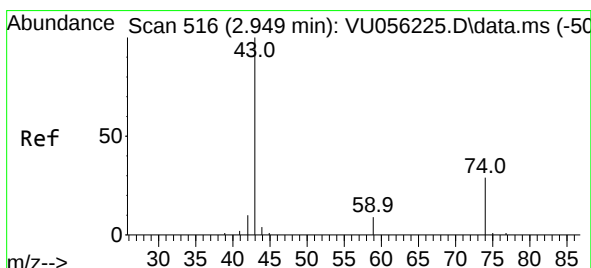
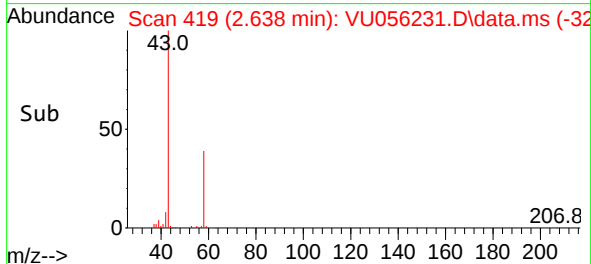
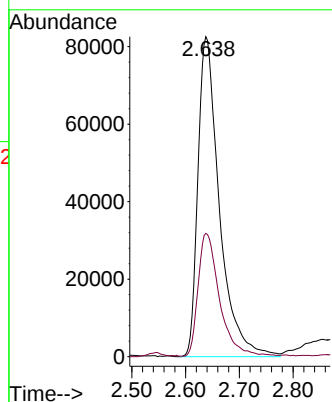
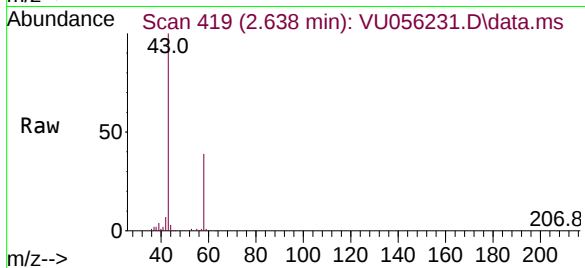
ClientSampleId :

Tgt Ion: 43 Resp: 228972

Ion Ratio Lower Upper

43 100

58 37.9 0.0 74.4



#15

Methyl Acetate

Concen: 1.457 ug/L

RT: 2.853 min Scan# 486

Delta R.T. -0.096 min

Lab File: VU056231.D

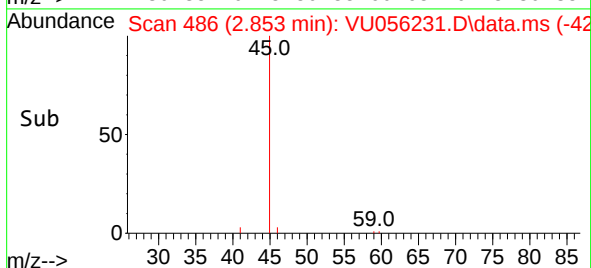
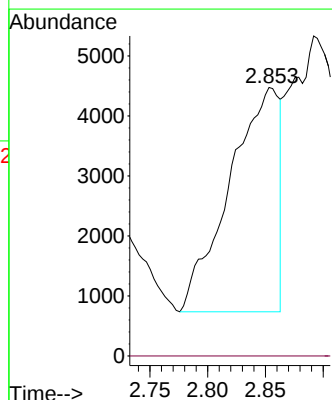
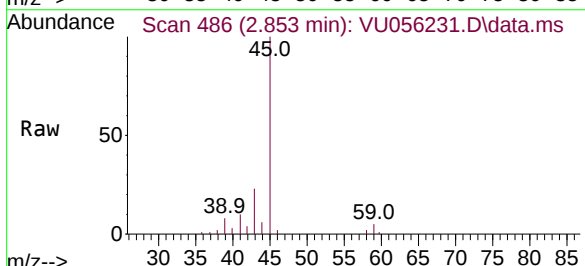
Acq: 11 Nov 2023 21:43

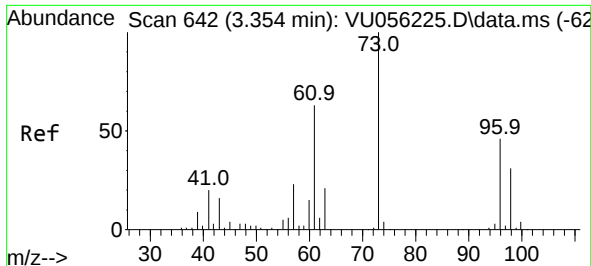
Tgt Ion: 43 Resp: 11209

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#





#17

Methyl tert-butyl Ether

Concen: 0.317 ug/L

RT: 3.358 min Scan# 64

Delta R.T. 0.004 min

Lab File: VU056231.D

Acq: 11 Nov 2023 21:43

Instrument :

MSVOA_U

ClientSampleId :

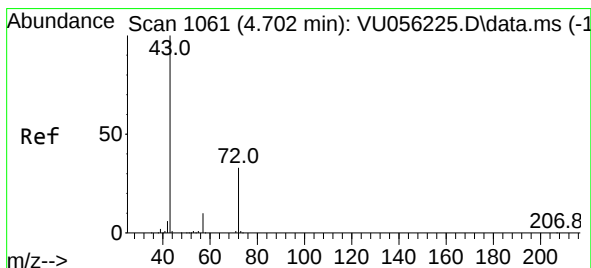
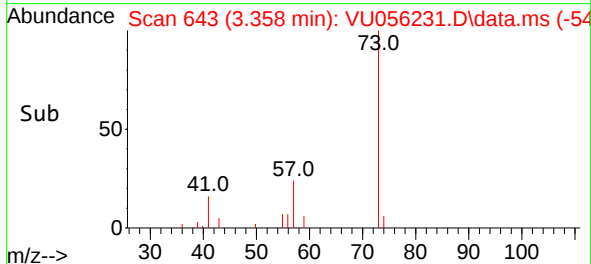
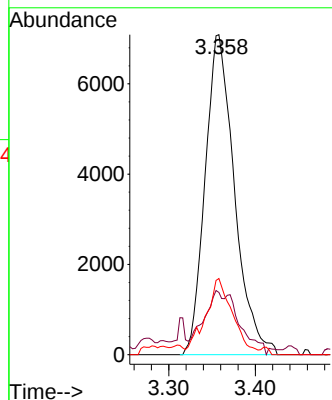
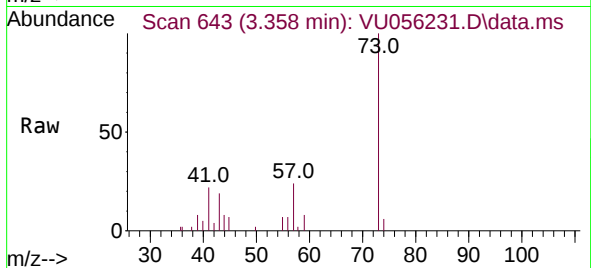
Tgt Ion: 73 Resp: 16671

Ion Ratio Lower Upper

73 100

43 9.7 13.6 20.4#

57 22.1 17.3 25.9



#21

2-Butanone

Concen: 13.480 ug/L

RT: 4.715 min Scan# 1065

Delta R.T. 0.013 min

Lab File: VU056231.D

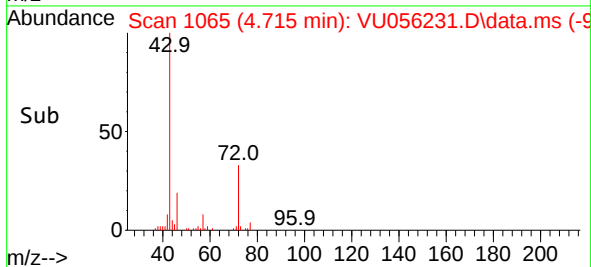
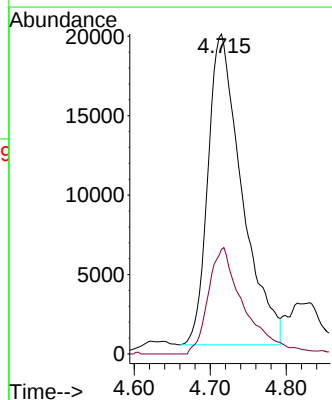
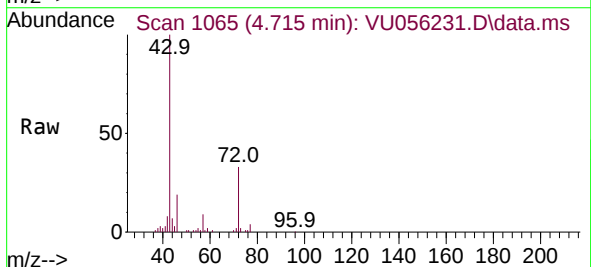
Acq: 11 Nov 2023 21:43

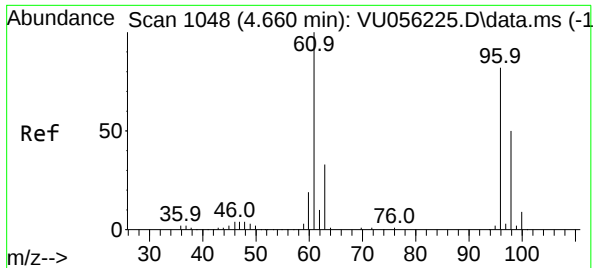
Tgt Ion: 43 Resp: 60607

Ion Ratio Lower Upper

43 100

72 36.3 15.7 47.0

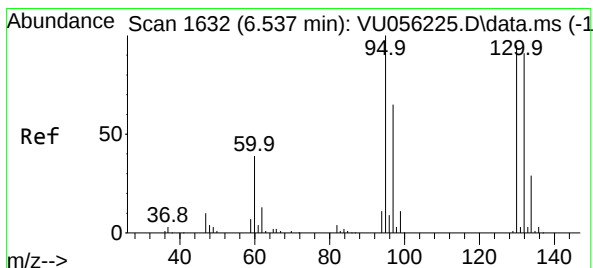
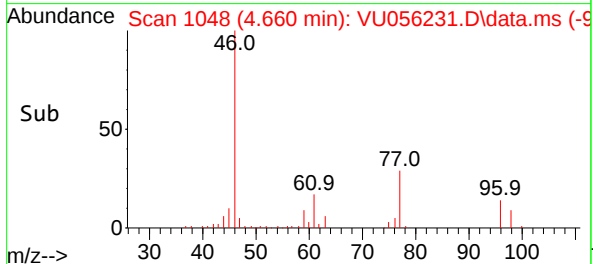
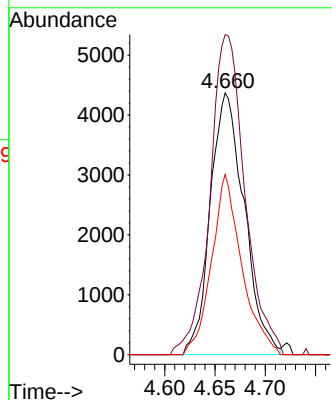
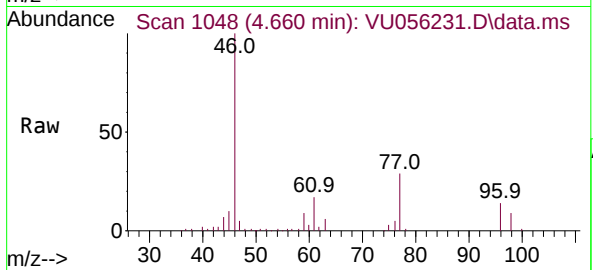




#22
 cis-1,2-Dichloroethene
 Concen: 0.385 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056231.D
 Acq: 11 Nov 2023 21:43

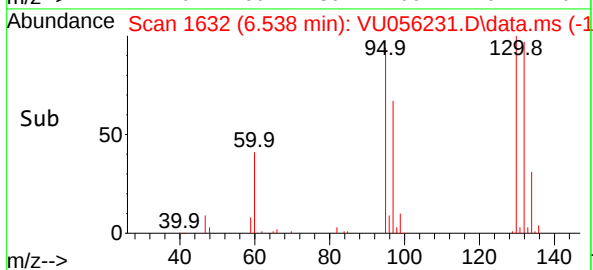
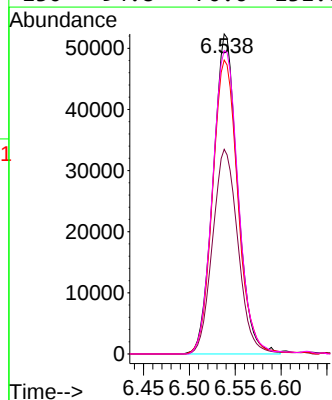
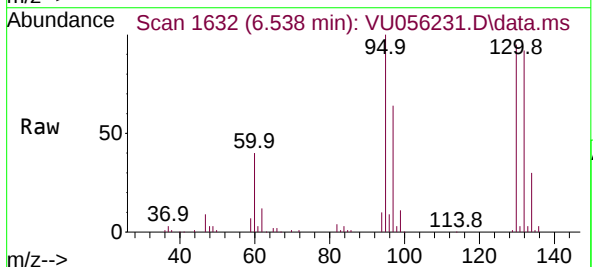
Instrument :
 MSVOA_U
 ClientSampleId :

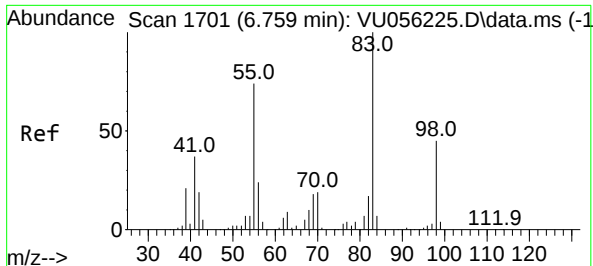
Tgt Ion: 96 Resp: 10274
 Ion Ratio Lower Upper
 96 100
 61 122.2 87.8 163.2
 98 68.8 43.5 80.7



#34
 Trichloroethene
 Concen: 3.479 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056231.D
 Acq: 11 Nov 2023 21:43

Tgt Ion: 95 Resp: 97306
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.8 87.0
 132 91.8 66.5 123.5
 130 94.8 70.6 131.0





#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056231.D

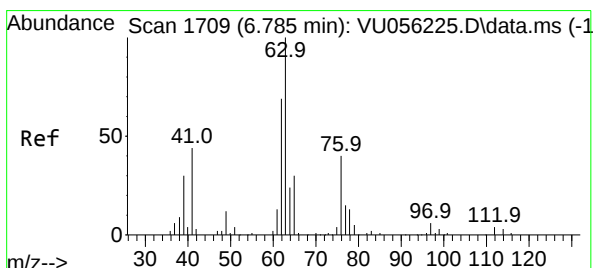
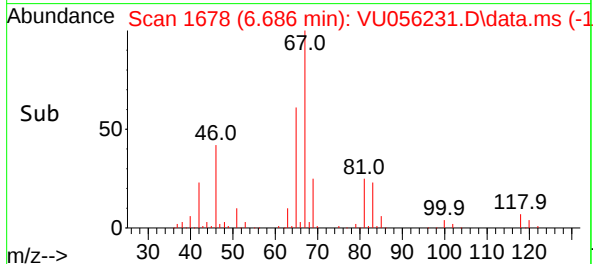
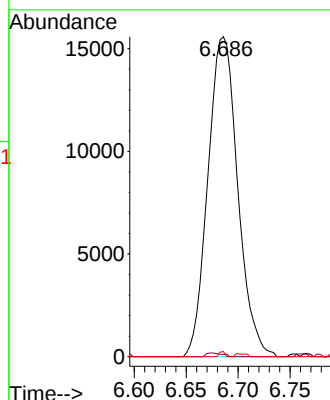
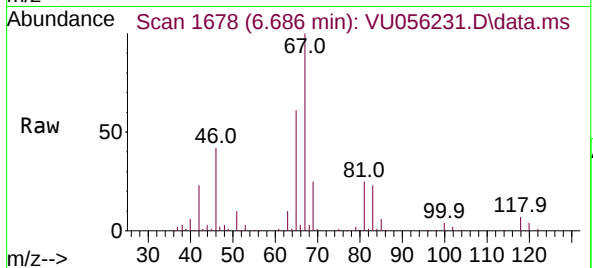
Acq: 11 Nov 2023 21:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31117
Ion Ratio	Lower Upper
83 100	
55 0.6	60.6 91.0#
98 0.0	36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.508 ug/L

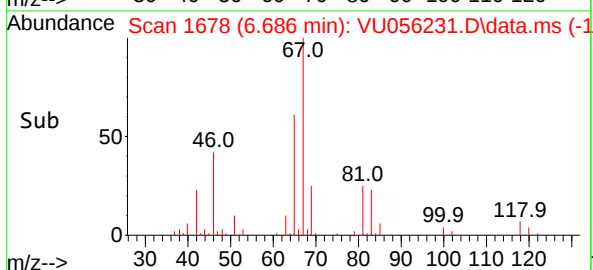
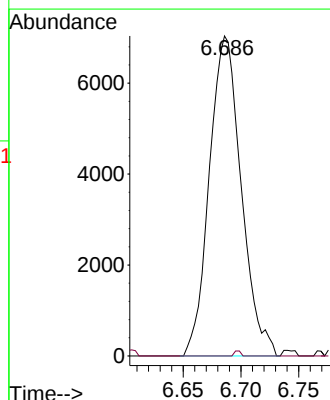
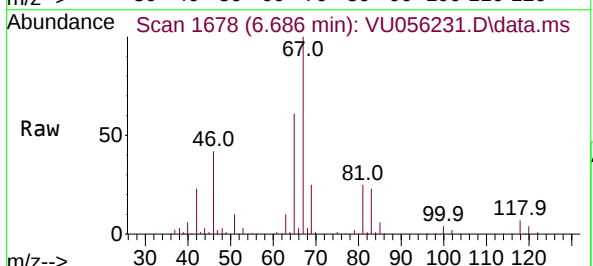
RT: 6.686 min Scan# 1678

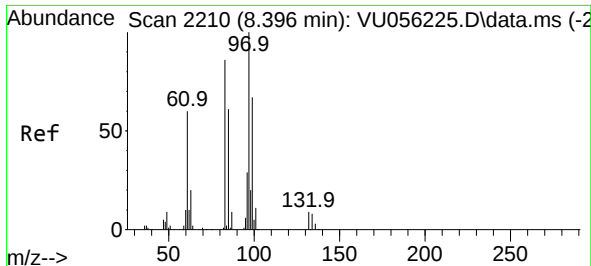
Delta R.T. -0.099 min

Lab File: VU056231.D

Acq: 11 Nov 2023 21:43

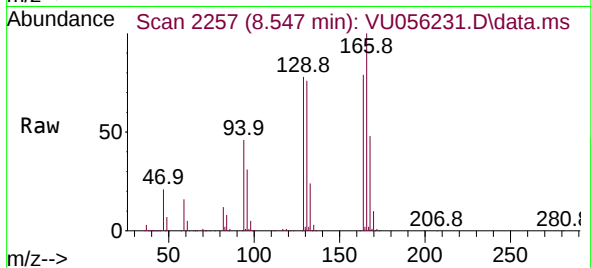
Tgt Ion: 63	Resp: 13515
Ion Ratio	Lower Upper
63 100	
112 0.3	3.4 5.2#



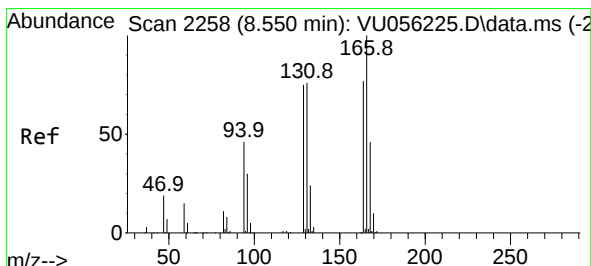
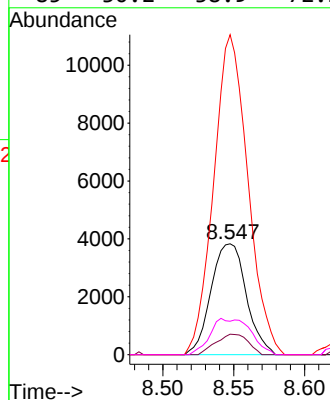
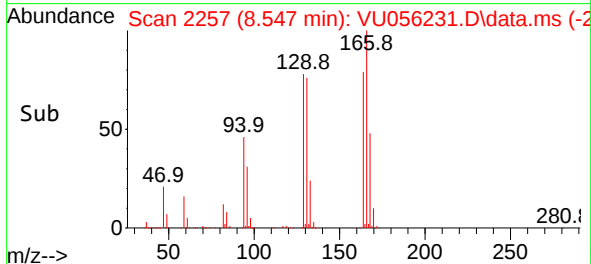


#45
1,1,2-Trichloroethane
Concen: 0.364 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.151 min
Lab File: VU056231.D
Acq: 11 Nov 2023 21:43

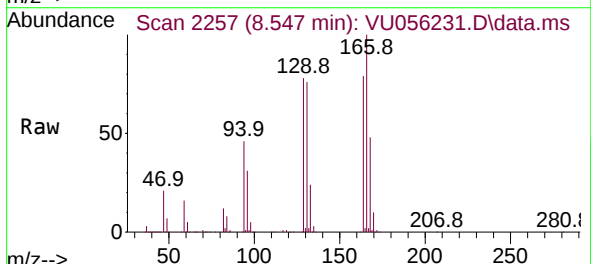
Instrument :
MSVOA_U
ClientSampleId :



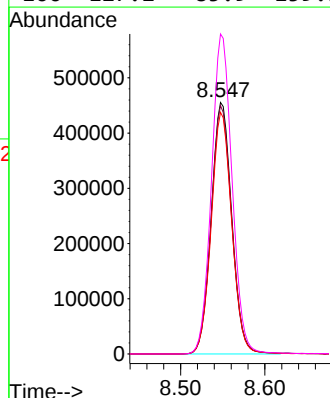
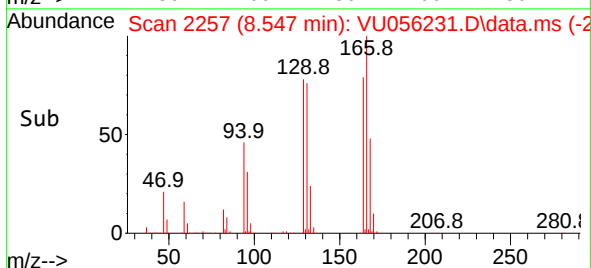
Tgt Ion:	97	Resp:	6630
Ion	Ratio	Lower	Upper
97	100		
99	18.4	44.7	82.9#
83	288.8	59.4	110.2#
85	30.2	38.9	72.2#

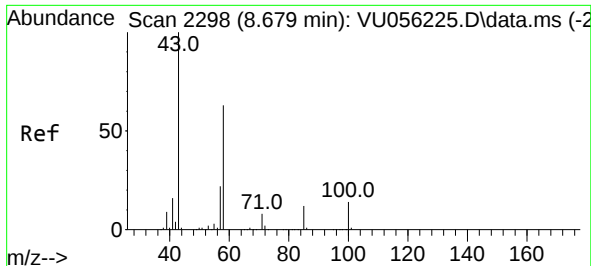


#47
Tetrachloroethene
Concen: 36.885 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056231.D
Acq: 11 Nov 2023 21:43



Tgt Ion:	164	Resp:	774178
Ion	Ratio	Lower	Upper
164	100		
129	98.7	66.6	123.8
131	96.1	67.8	126.0
166	127.2	85.9	159.5

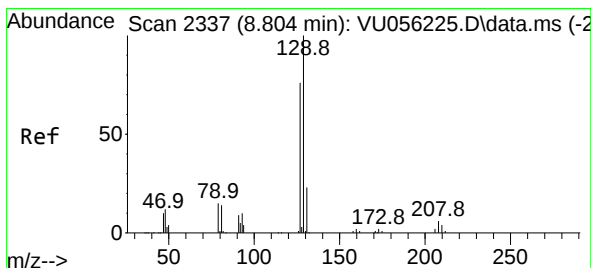
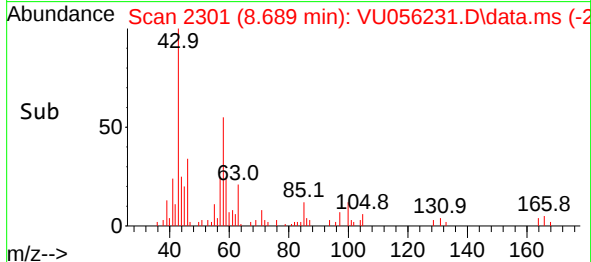
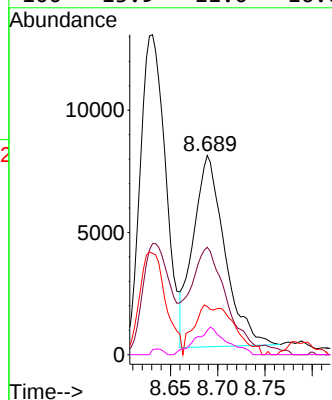
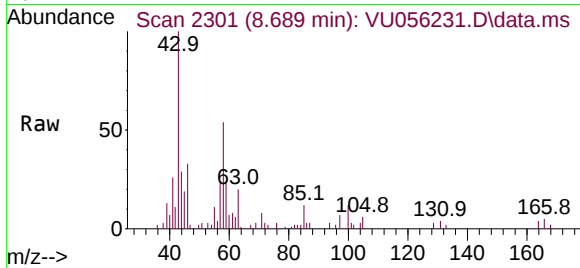




#48
2-Hexanone
Concen: 2.148 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056231.D
Acq: 11 Nov 2023 21:43

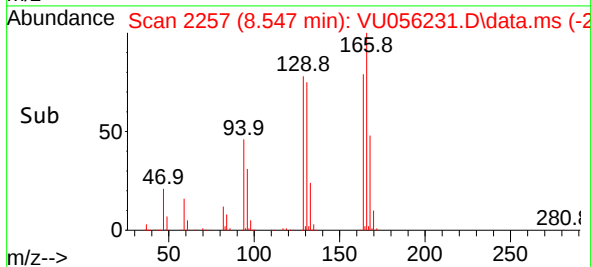
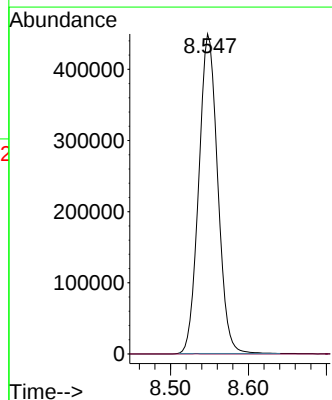
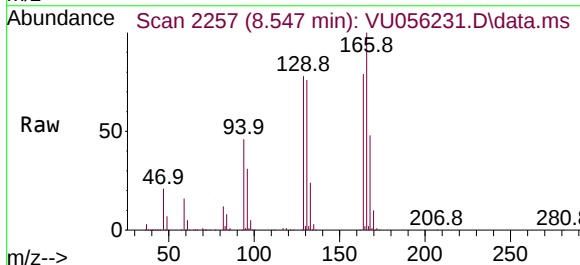
Instrument :
MSVOA_U
ClientSampleId :

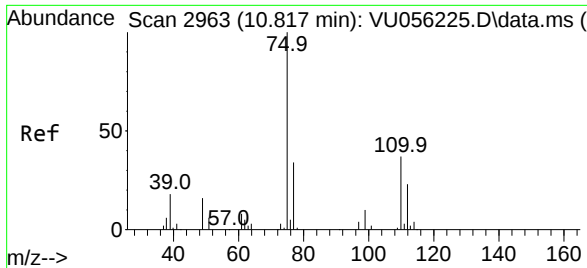
Tgt Ion: 43	Resp: 18216
Ion Ratio	Lower Upper
43 100	
58 57.0	52.0 78.0
57 15.9	17.4 26.2#
100 13.9	11.0 16.6



#49
Dibromochloromethane
Concen: 36.199 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056231.D
Acq: 11 Nov 2023 21:43

Tgt Ion: 129	Resp: 755998
Ion Ratio	Lower Upper
129 100	
127 0.0	55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.363 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU056231.D
 Acq: 11 Nov 2023 21:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 19703
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.7 44.5#
 77 31.3 25.5 38.3

