

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056233.D
 Acq On : 11 Nov 2023 22:32
 Operator : MD/SY
 Sample : 05371-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 23:18:19 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)

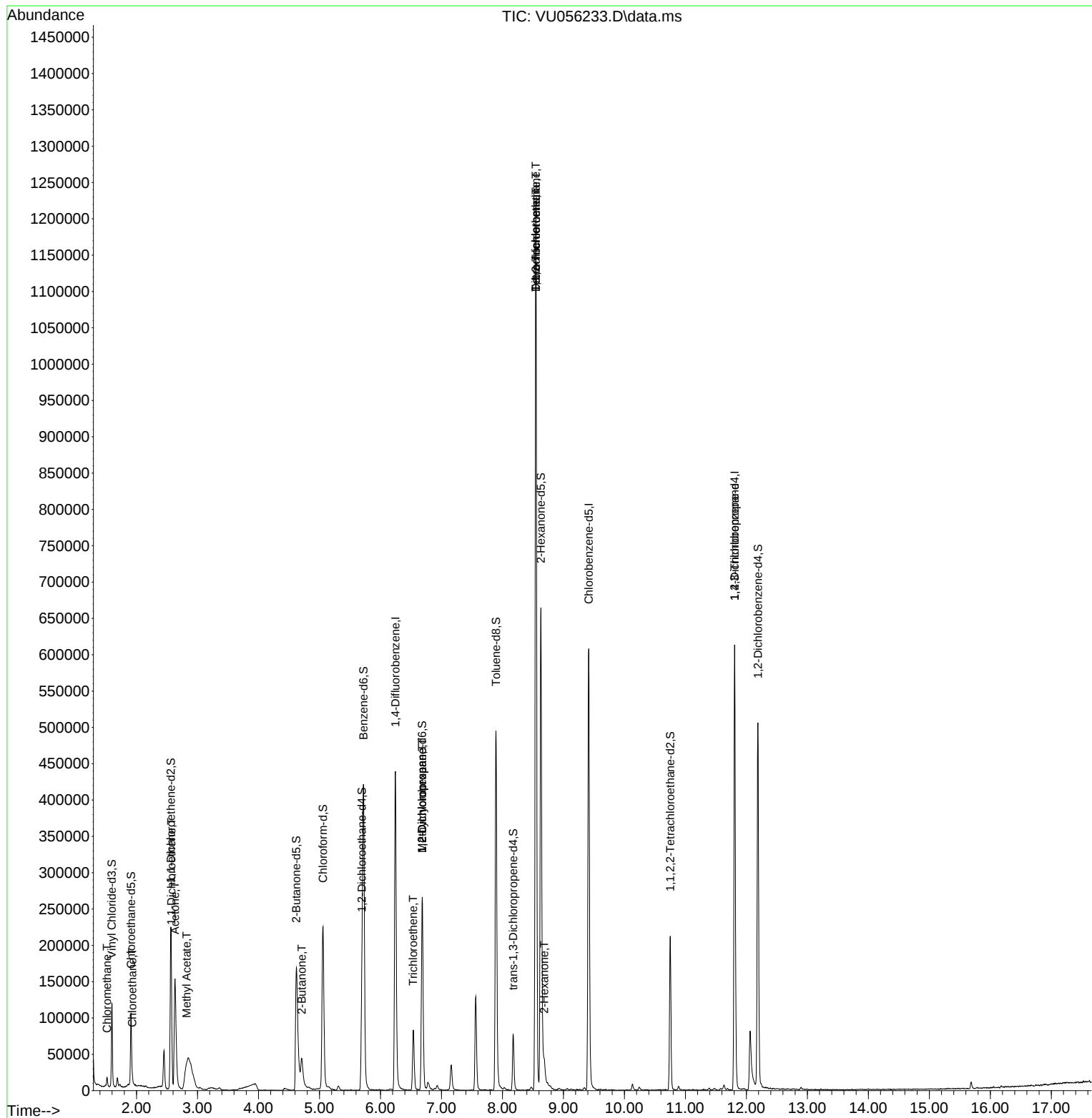
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	372930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	373534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	168533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	85783	3.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.911	69	74263	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	40366	3.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.621	46	280303	73.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.620%#
24) Chloroform-d	5.058	84	219051	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	104886	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	421066	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.685	67	134487	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.894	98	352416	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	46720	4.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.630	63	239869	72.499	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	145.000%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109465	5.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	141235	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	8007	0.270	ug/L	96
8) Chloroethane	1.930	64	4459	0.268	ug/L	91
12) 1,1-Dichloroethene	2.573	96	6534	0.273	ug/L #	1
13) Acetone	2.631	43	215053	76.787	ug/L	100
15) Methyl Acetate	2.824	43	12491	1.581	ug/L #	46
21) 2-Butanone	4.711	43	64686	14.005	ug/L	98
34) Trichloroethene	6.537	95	29767	1.019	ug/L	95
35) Methylcyclohexane	6.685	83	30684	0.707	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	14270	0.513	ug/L #	87
45) 1,1,2-Trichloroethane	8.547	97	2374	0.125	ug/L #	1
47) Tetrachloroethene	8.550	164	280472	12.791	ug/L	98
48) 2-Hexanone	8.685	43	21083	2.380	ug/L #	82
49) Dibromochloromethane	8.550	129	274912	12.600	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18251	1.255	ug/L #	67

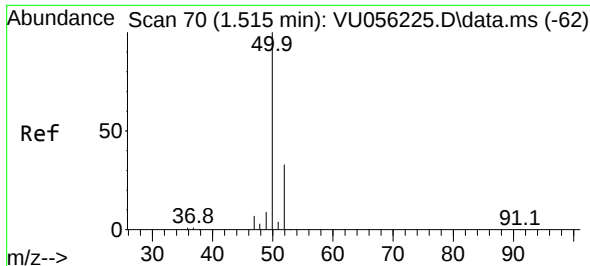
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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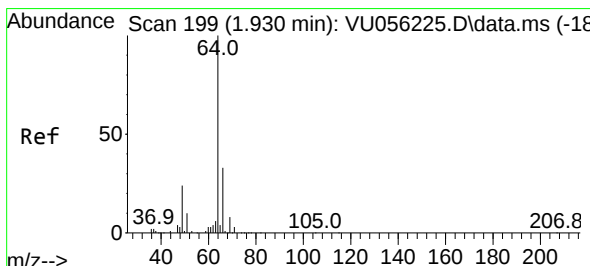
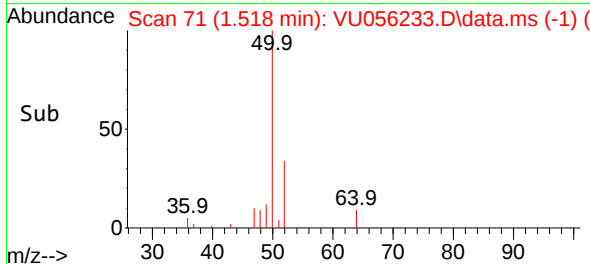
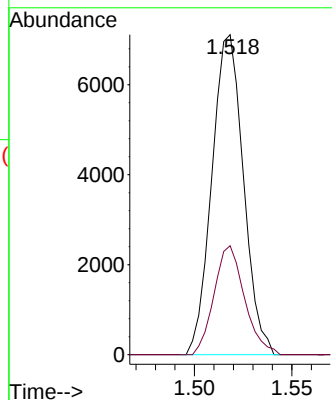
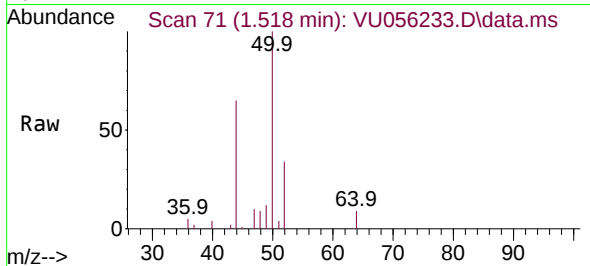
#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Instrument :

MSVOA_U

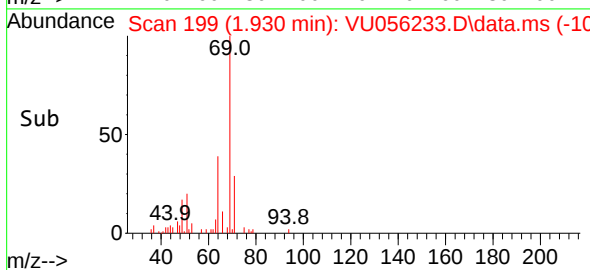
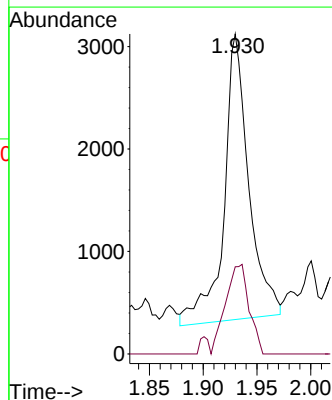
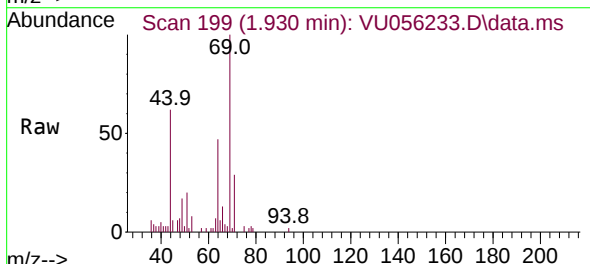
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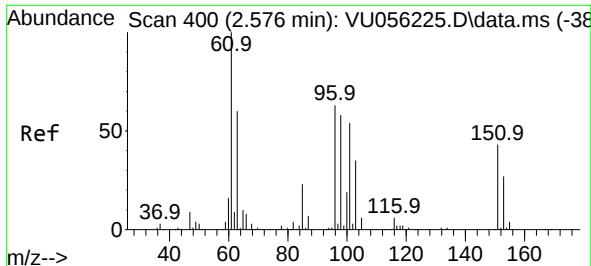
Tgt Ion: 50 Resp: 8007
Ion Ratio Lower Upper
50 100
52 34.1 22.2 41.2



#8
Chloroethane
Concen: 0.268 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Tgt Ion: 64 Resp: 4459
Ion Ratio Lower Upper
64 100
66 27.2 22.4 41.6

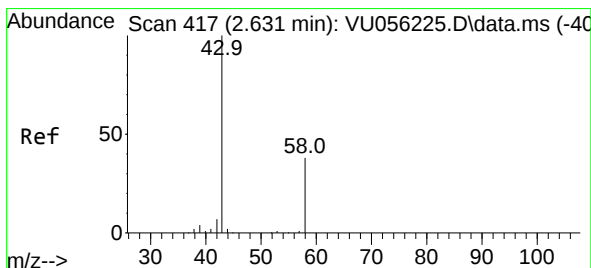
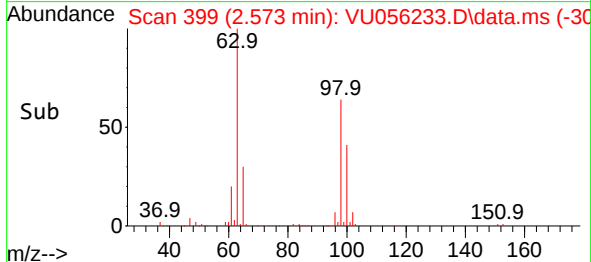
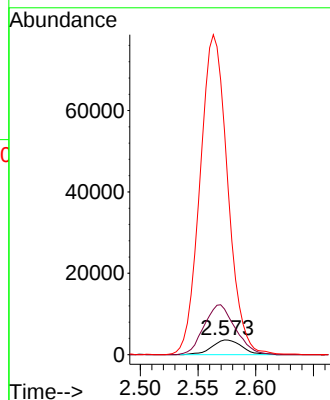
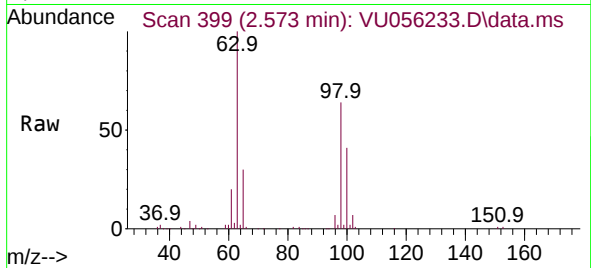




#12
1,1-Dichloroethene
Concen: 0.273 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

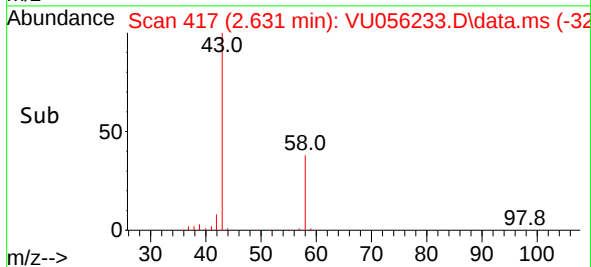
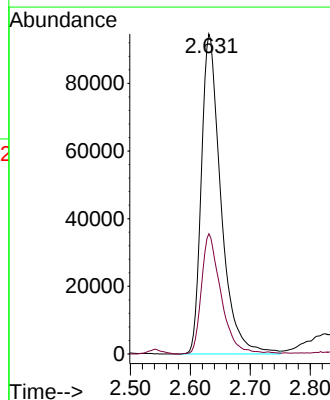
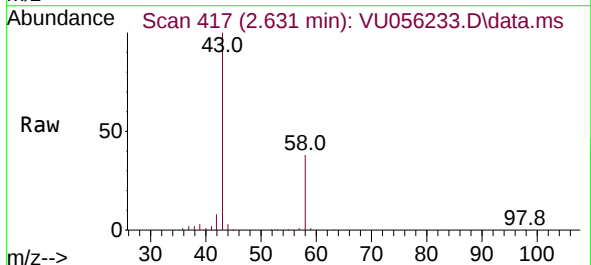
Instrument :
MSVOA_U
ClientSampleId :

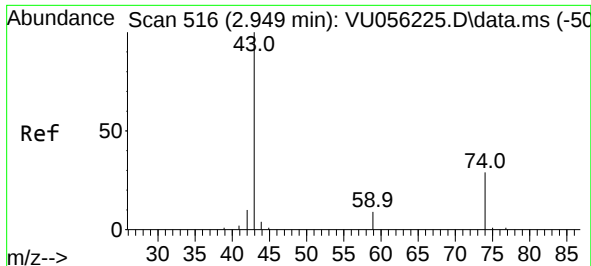
Tgt Ion: 96 Resp: 6534
Ion Ratio Lower Upper
96 100
61 308.8 111.7 207.5#
63 1515.1 74.5 138.3#



#13
Acetone
Concen: 76.787 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Tgt Ion: 43 Resp: 215053
Ion Ratio Lower Upper
43 100
58 37.3 0.0 74.4

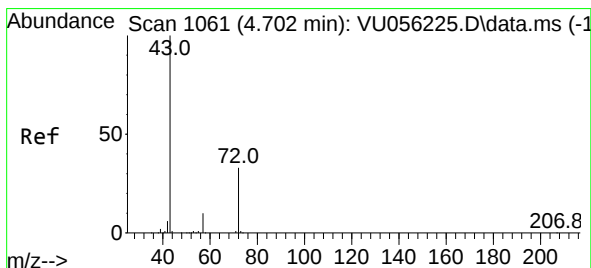
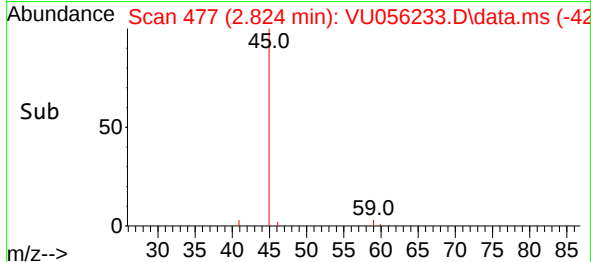
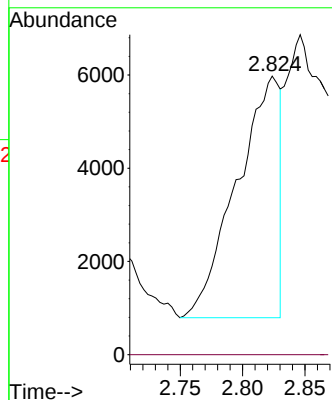
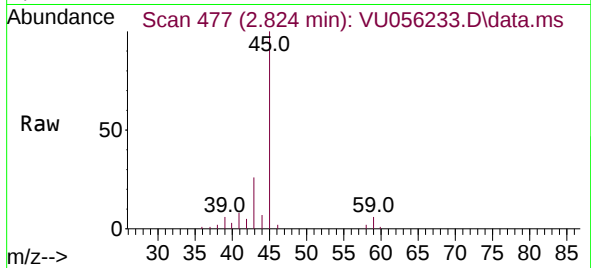




#15
Methyl Acetate
Concen: 1.581 ug/L
RT: 2.824 min Scan# 41
Delta R.T. -0.126 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

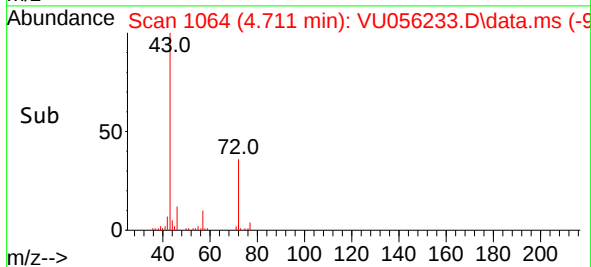
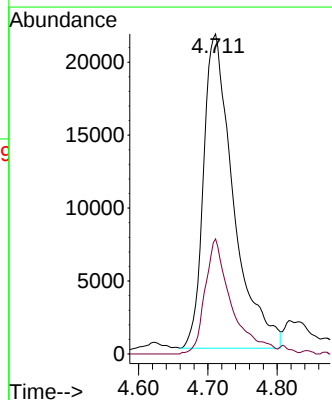
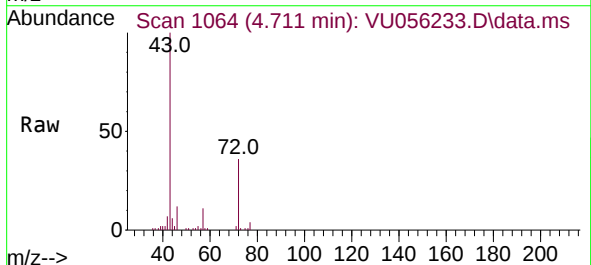
Instrument :
MSVOA_U
ClientSampleId :

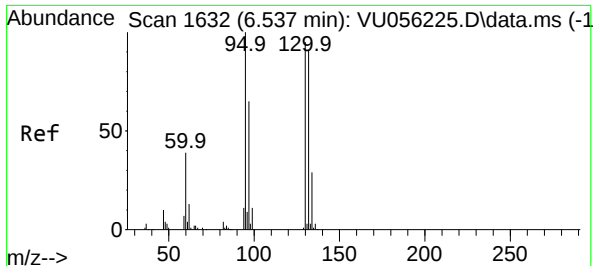
Tgt Ion: 43 Resp: 12491
Ion Ratio Lower Upper
43 100
74 0.2 23.3 34.9#



#21
2-Butanone
Concen: 14.005 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

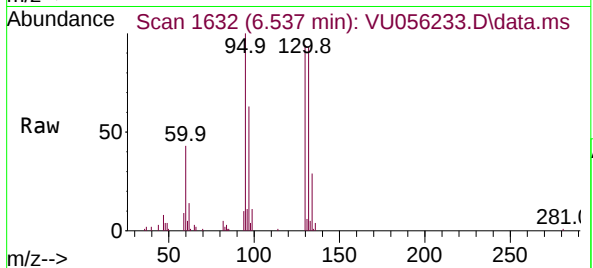
Tgt Ion: 43 Resp: 64686
Ion Ratio Lower Upper
43 100
72 32.4 15.7 47.0



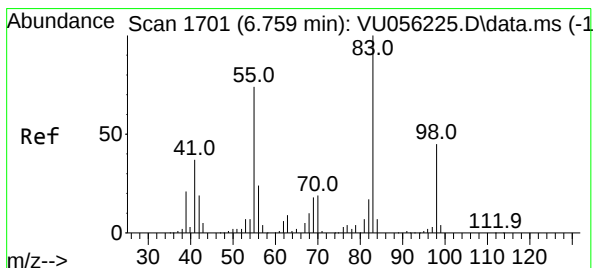
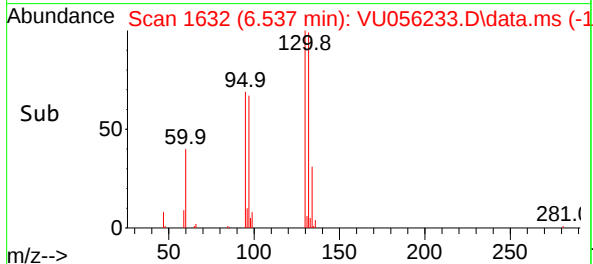
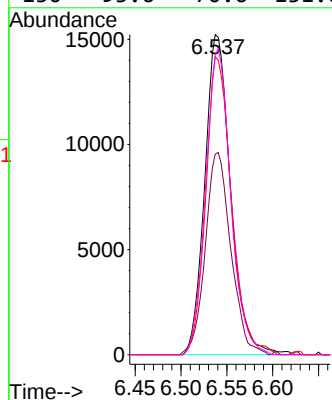


#34
Trichloroethene
Concen: 1.019 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

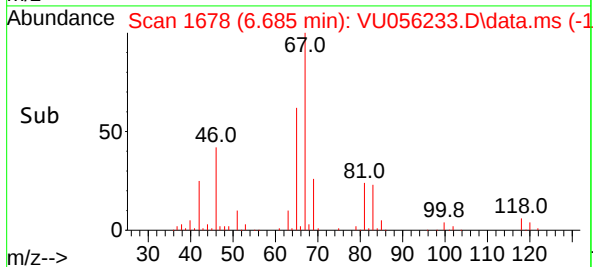
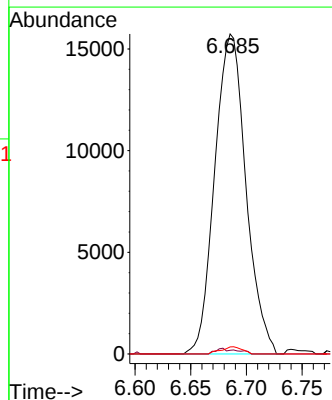
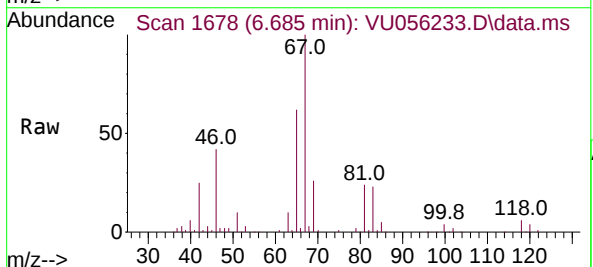


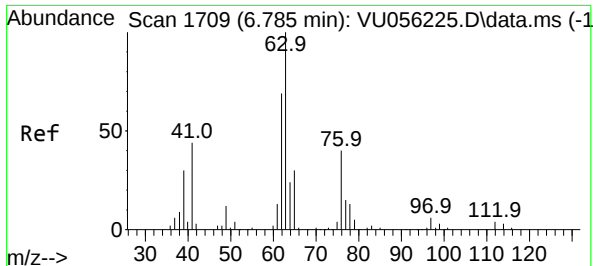
Tgt Ion:	95	Resp:	29767
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.8	87.0
132	93.1	66.5	123.5
130	93.6	70.6	131.0



#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Tgt Ion:	83	Resp:	30684
Ion	Ratio	Lower	Upper
83	100		
55	1.2	60.6	91.0#
98	1.5	36.2	54.4#





#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056233.D

Acq: 11 Nov 2023 22:32

Instrument :

MSVOA_U

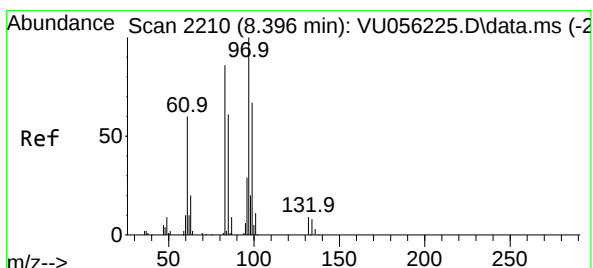
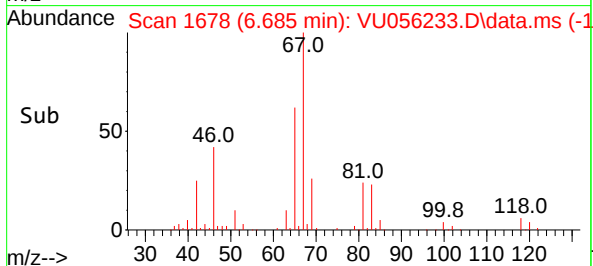
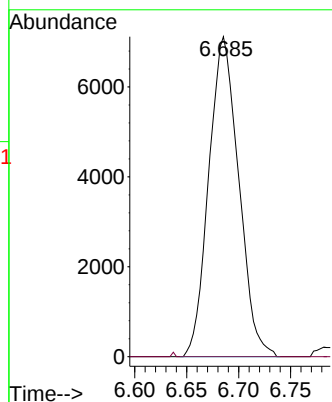
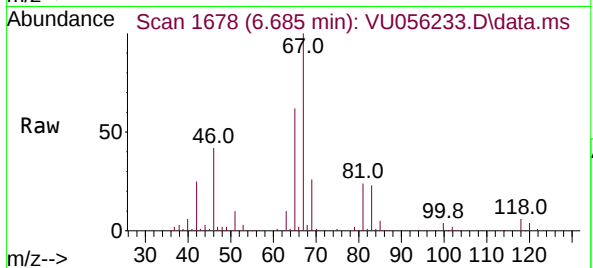
ClientSampleId :

Tgt Ion: 63 Resp: 14270

Ion Ratio Lower Upper

63 100

112 0.1 3.4 5.2#



#45

1,1,2-Trichloroethane

Concen: 0.125 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.151 min

Lab File: VU056233.D

Acq: 11 Nov 2023 22:32

Tgt Ion: 97 Resp: 2374

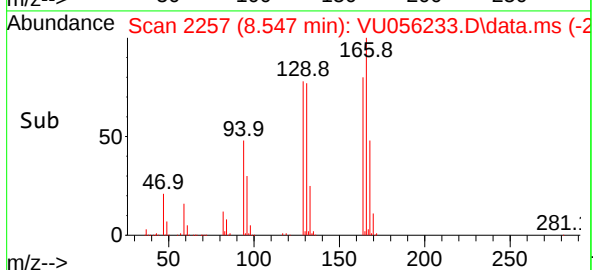
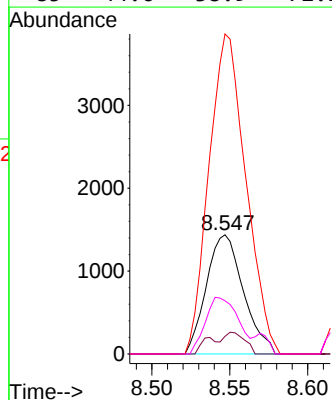
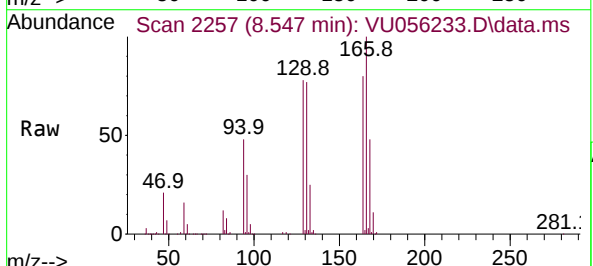
Ion Ratio Lower Upper

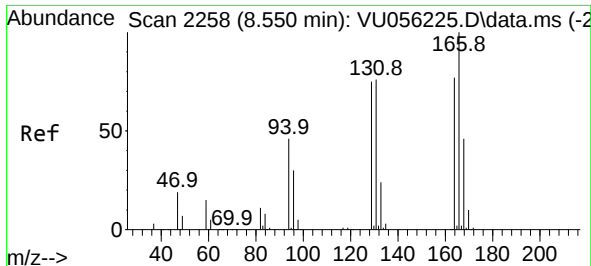
97 100

99 14.8 44.7 82.9#

83 268.4 59.4 110.2#

85 44.6 38.9 72.2





#47

Tetrachloroethene

Concen: 12.791 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

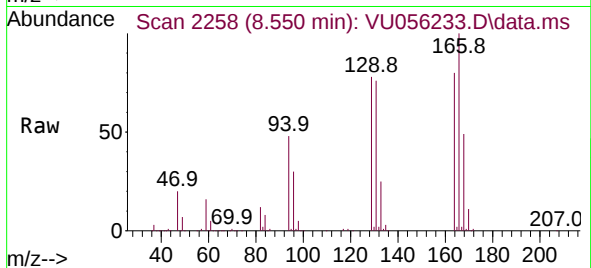
Lab File: VU056233.D

Acq: 11 Nov 2023 22:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 280472

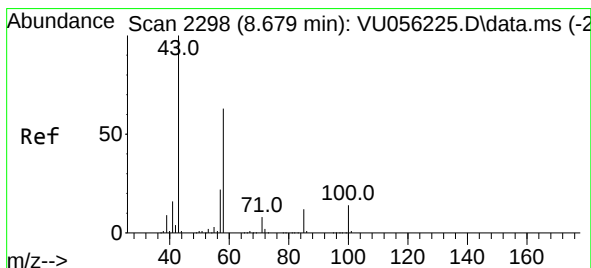
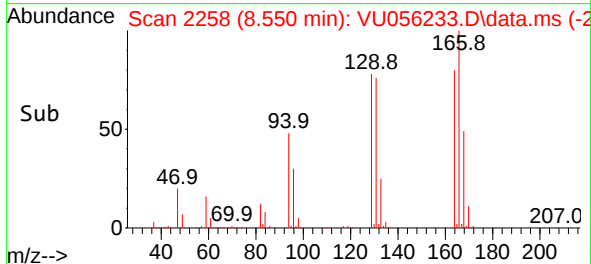
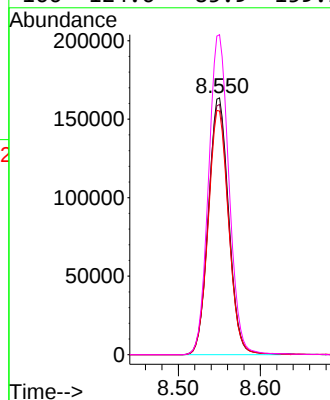
Ion Ratio Lower Upper

164 100

129 97.5 66.6 123.8

131 94.9 67.8 126.0

166 124.6 85.9 159.5



#48

2-Hexanone

Concen: 2.380 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU056233.D

Acq: 11 Nov 2023 22:32

Tgt Ion: 43 Resp: 21083

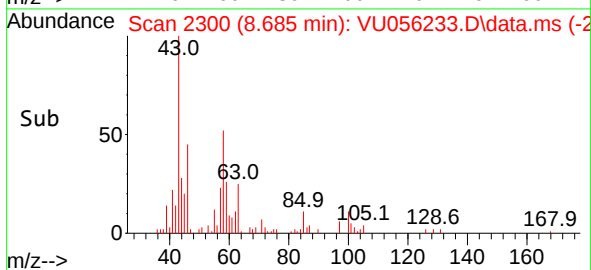
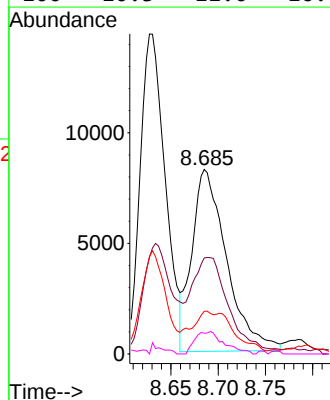
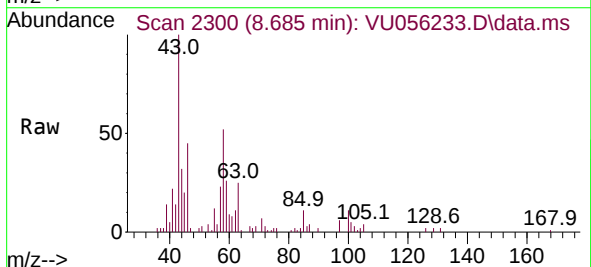
Ion Ratio Lower Upper

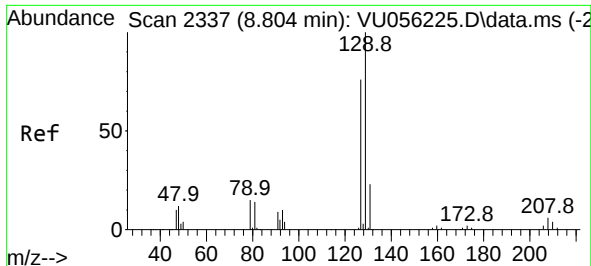
43 100

58 53.2 52.0 78.0

57 5.3 17.4 26.2#

100 10.3 11.0 16.6#

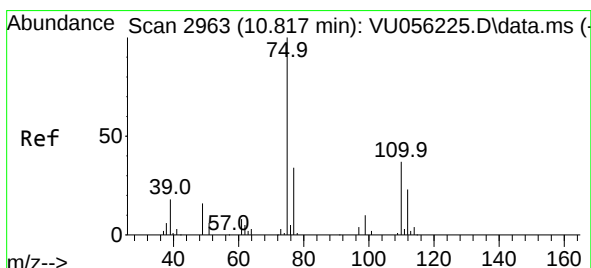
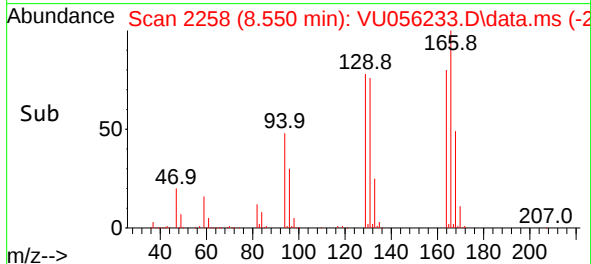
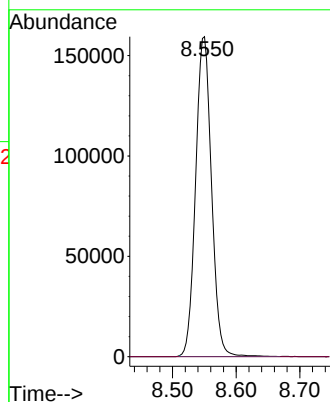
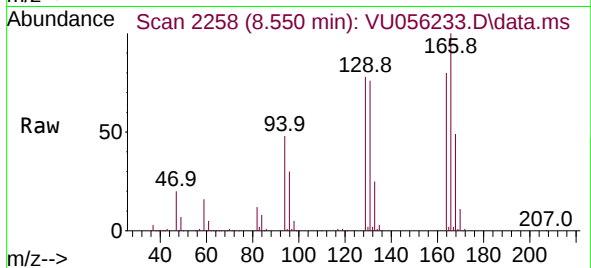




#49
Dibromochloromethane
Concen: 12.600 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 274912
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.255 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056233.D
Acq: 11 Nov 2023 22:32

Tgt Ion: 75 Resp: 18251
Ion Ratio Lower Upper
75 100
110 2.0 29.7 44.5#
77 34.1 25.5 38.3

