

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056238.D
 Acq On : 12 Nov 2023 00:33
 Operator : MD/SY
 Sample : 05371-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 00:47:49 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

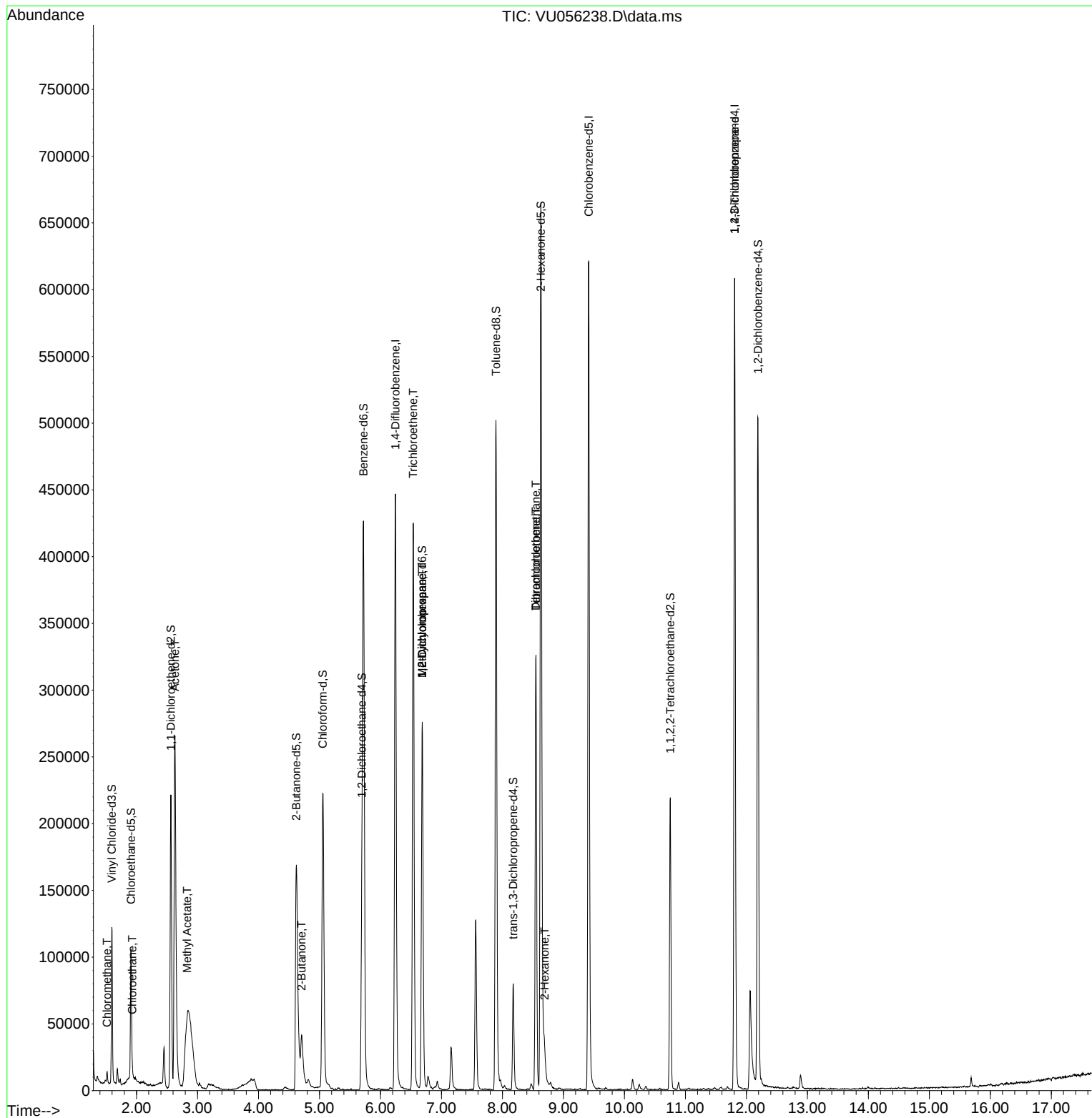
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	380267	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	377225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	171893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85584	3.626	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.600%	
7) Chloroethane-d5	1.911	69	73177	4.568	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.563	65	40294	3.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.400%	
20) 2-Butanone-d5	4.621	46	273509	70.633	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	141.260%#	
24) Chloroform-d	5.055	84	220643	4.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.695	65	106949	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.200%	
32) Benzene-d6	5.721	84	428425	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.685	67	137939	5.172	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.894	98	358159	4.314	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.177	79	47128	4.623	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.631	63	238172	71.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	142.560%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109814	5.769	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	142894	5.391	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5373	0.178	ug/L	92
8) Chloroethane	1.930	64	2802	0.165	ug/L #	82
13) Acetone	2.631	43	358472	125.527	ug/L	99
15) Methyl Acetate	2.830	43	18242	2.264	ug/L #	46
21) 2-Butanone	4.708	43	59379	12.608	ug/L	98
34) Trichloroethene	6.537	95	153642	5.208	ug/L	98
35) Methylcyclohexane	6.685	83	32914	0.751	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	13952	0.497	ug/L #	87
47) Tetrachloroethene	8.550	164	73247	3.308	ug/L	96
48) 2-Hexanone	8.692	43	17511	1.958	ug/L #	88
49) Dibromochloromethane	8.550	129	71816	3.259	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19724	1.329	ug/L #	68

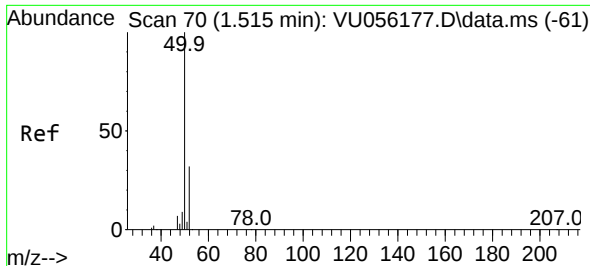
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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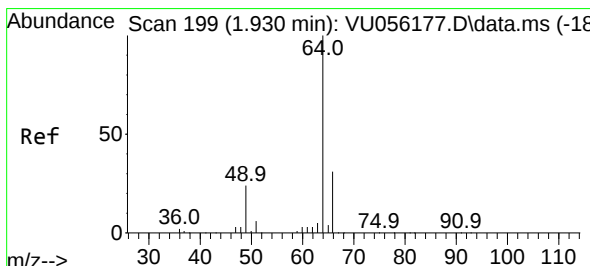
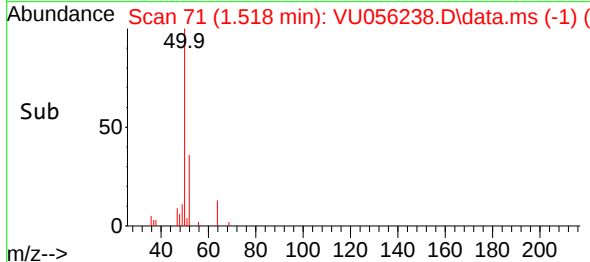
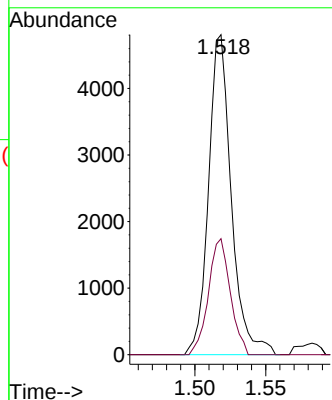
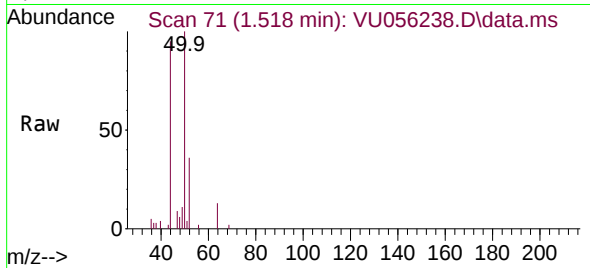




#3
Chloromethane
Concen: 0.178 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

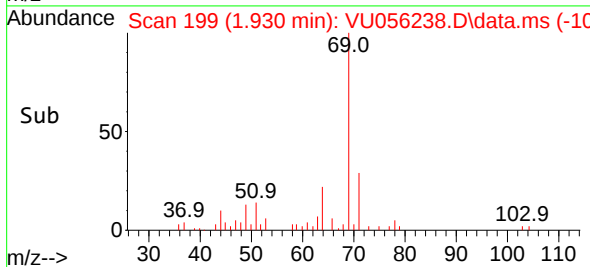
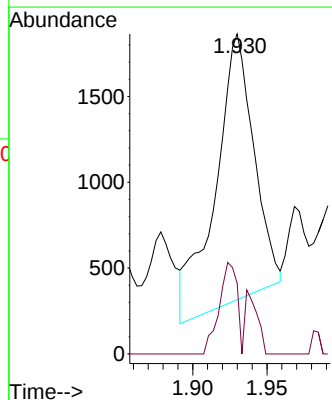
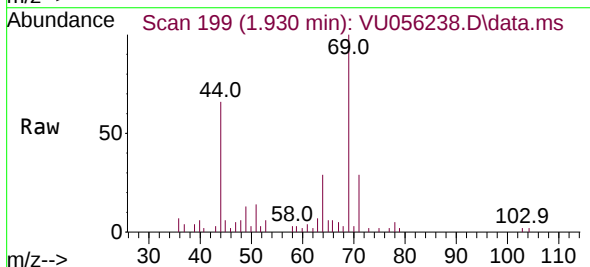
Instrument :
MSVOA_U
ClientSampleId :

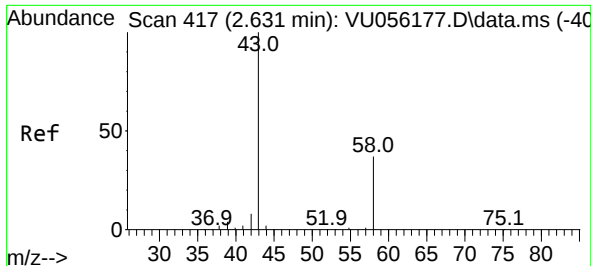
Tgt Ion: 50 Resp: 5373
Ion Ratio Lower Upper
50 100
52 36.3 22.2 41.2



#8
Chloroethane
Concen: 0.165 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Tgt Ion: 64 Resp: 2802
Ion Ratio Lower Upper
64 100
66 22.0 22.4 41.6#

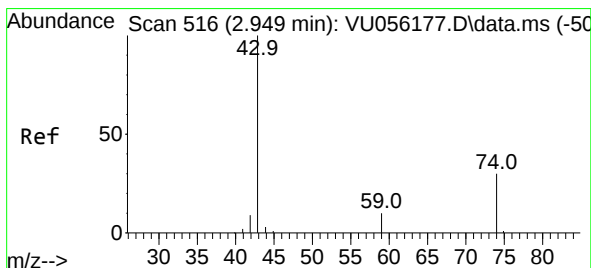
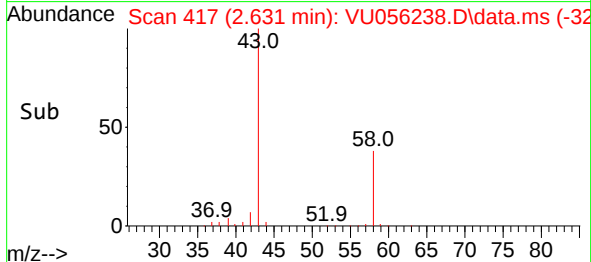
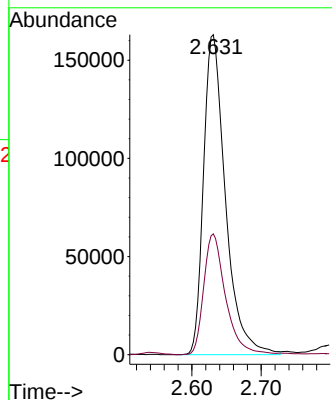
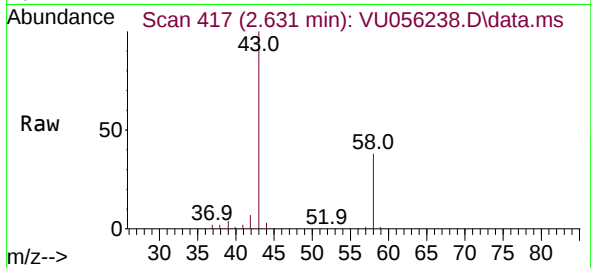




#13
Acetone
Concen: 125.527 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.000 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

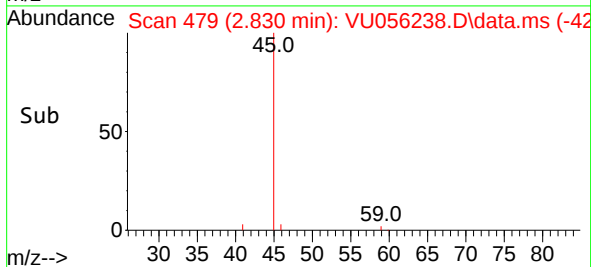
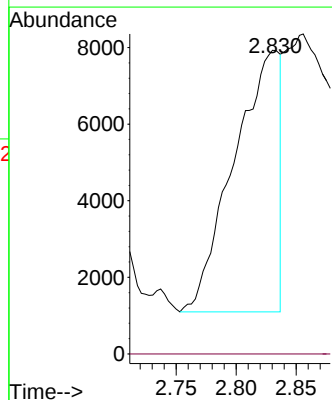
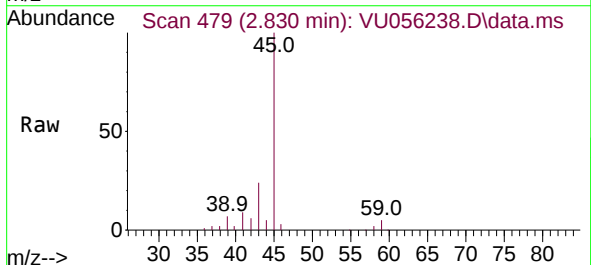
Instrument :
MSVOA_U
ClientSampleId :

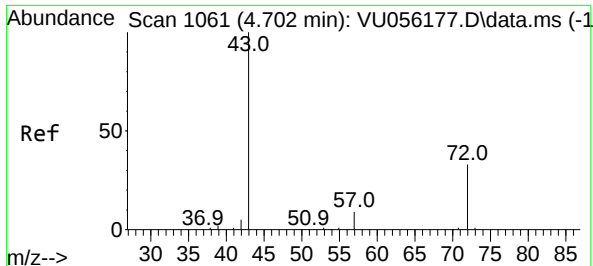
Tgt Ion: 43 Resp: 358472
Ion Ratio Lower Upper
43 100
58 37.6 0.0 74.4



#15
Methyl Acetate
Concen: 2.264 ug/L
RT: 2.830 min Scan# 479
Delta R.T. -0.119 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Tgt Ion: 43 Resp: 18242
Ion Ratio Lower Upper
43 100
74 0.3 23.3 34.9#

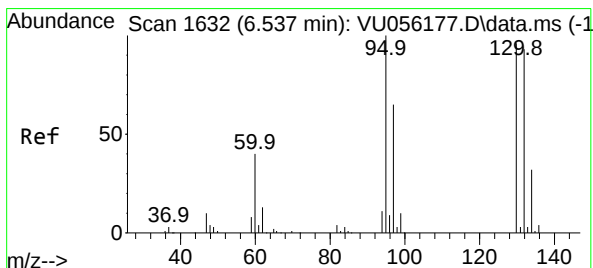
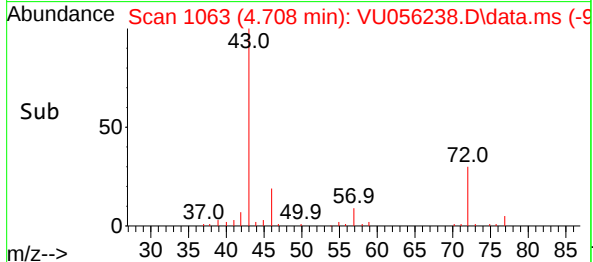
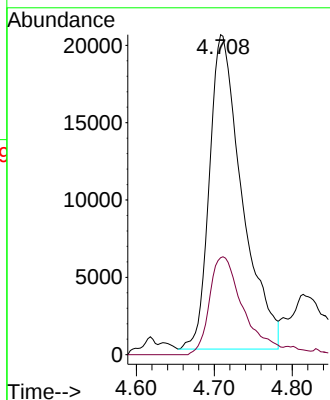
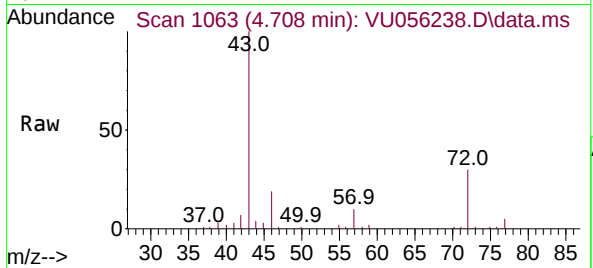




#21
2-Butanone
Concen: 12.608 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

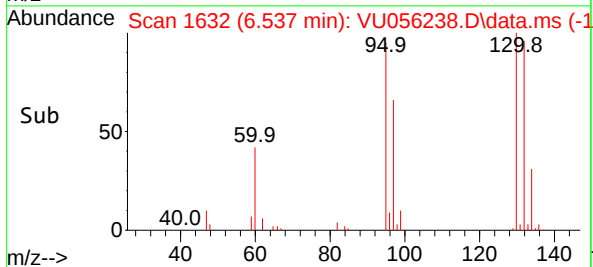
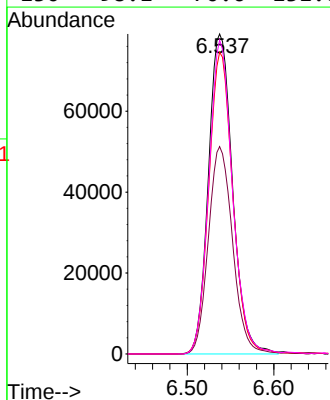
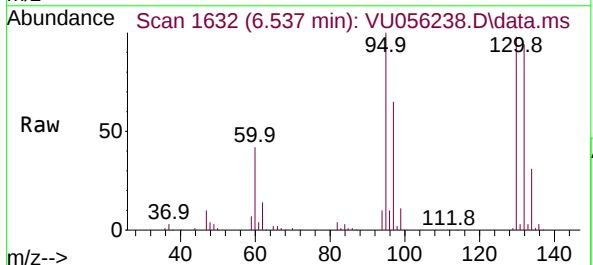
Instrument :
MSVOA_U
ClientSampleId :

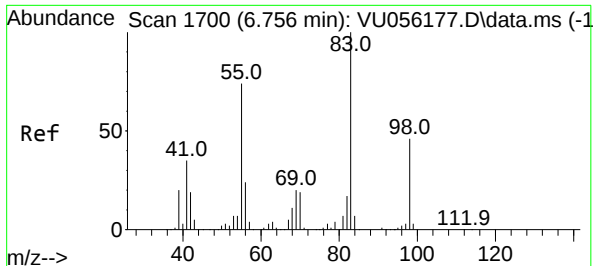
Tgt Ion: 43 Resp: 59379
Ion Ratio Lower Upper
43 100
72 32.2 15.7 47.0



#34
Trichloroethene
Concen: 5.208 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Tgt Ion: 95 Resp: 153642
Ion Ratio Lower Upper
95 100
97 64.8 46.8 87.0
132 94.3 66.5 123.5
130 98.1 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: VU056238.D

Acq: 12 Nov 2023 00:33

Instrument :

MSVOA_U

ClientSampleId :

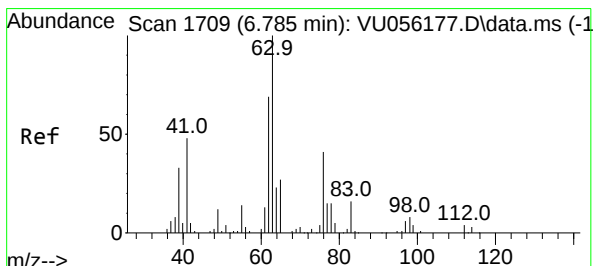
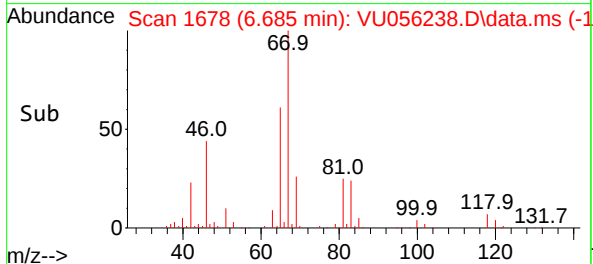
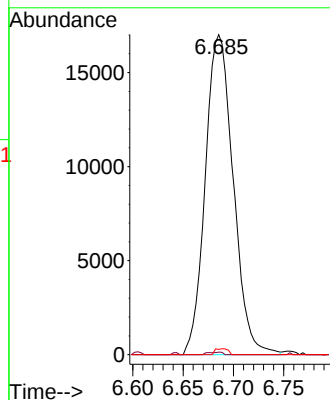
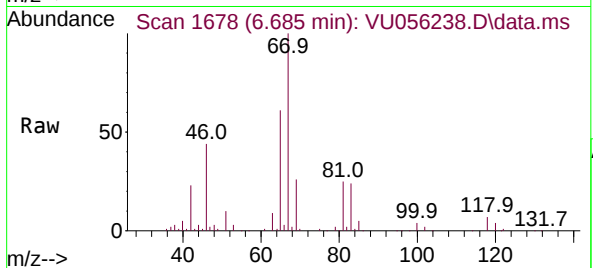
Tgt Ion: 83 Resp: 32914

Ion Ratio Lower Upper

83 100

55 0.4 60.6 91.0#

98 0.9 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056238.D

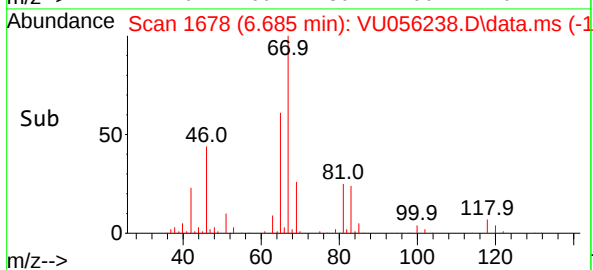
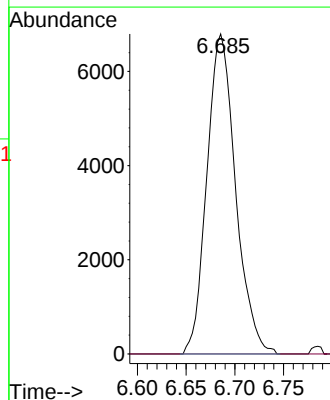
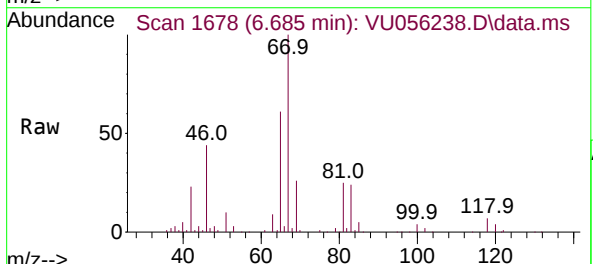
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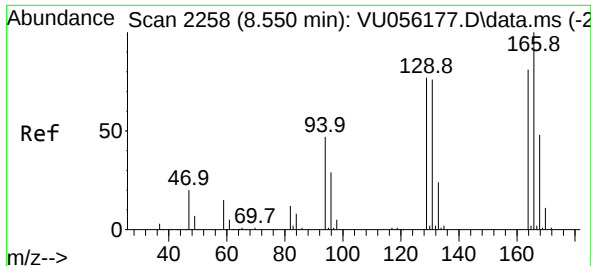
Tgt Ion: 63 Resp: 13952

Ion Ratio Lower Upper

63 100

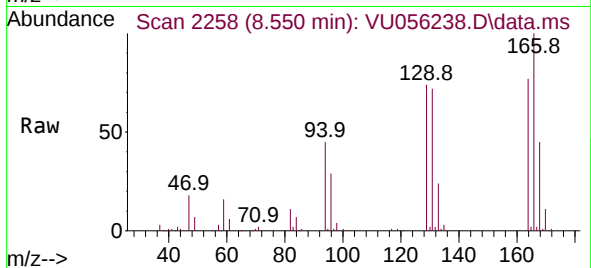
112 0.0 3.4 5.2#



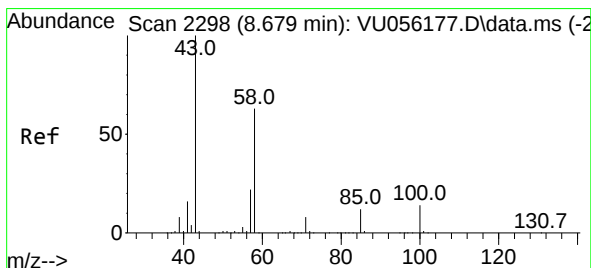
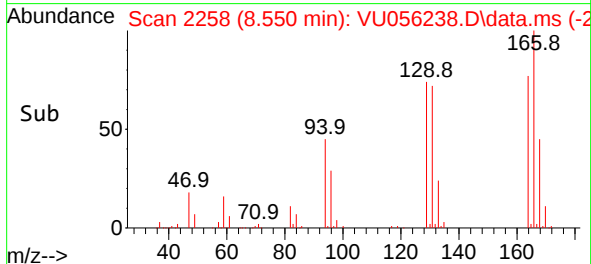
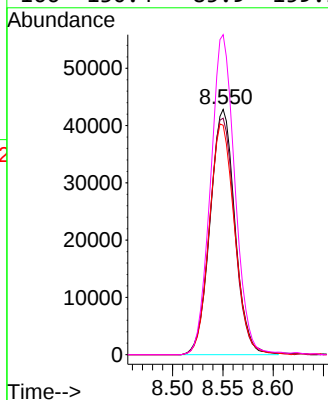


#47
Tetrachloroethene
Concen: 3.308 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Instrument :
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ClientSampleId :

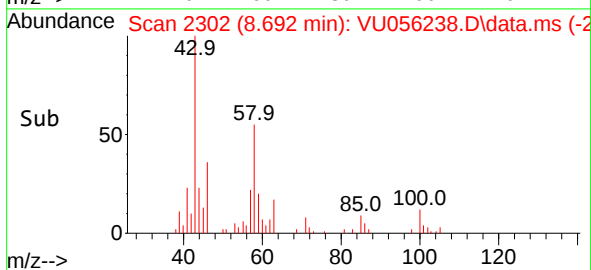
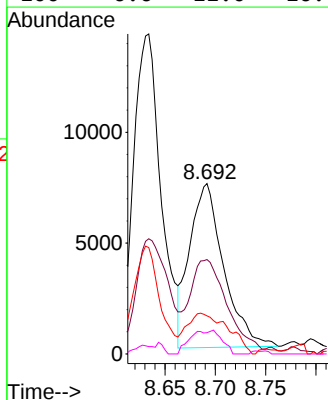
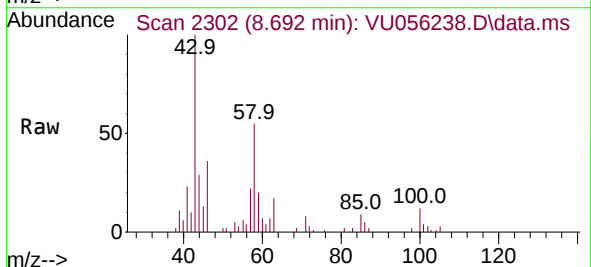


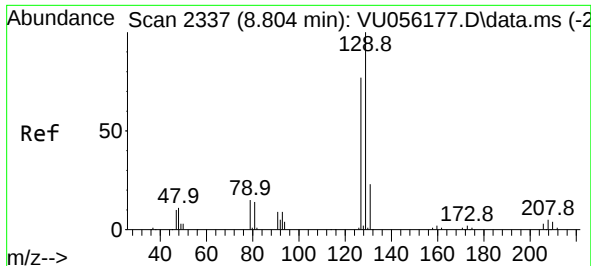
Tgt Ion:	164	Resp:	73247
Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.6	123.8
131	93.5	67.8	126.0
166	130.4	85.9	159.5



#48
2-Hexanone
Concen: 1.958 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.013 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Tgt Ion:	43	Resp:	17511
Ion	Ratio	Lower	Upper
43	100		
58	58.3	52.0	78.0
57	30.1	17.4	26.2#
100	6.6	11.0	16.6#

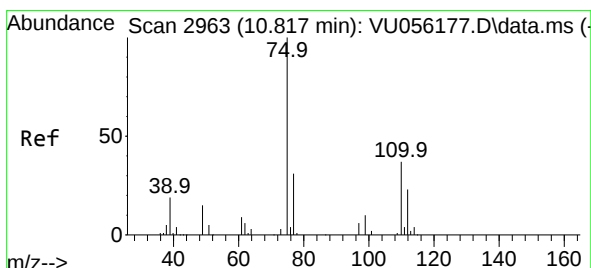
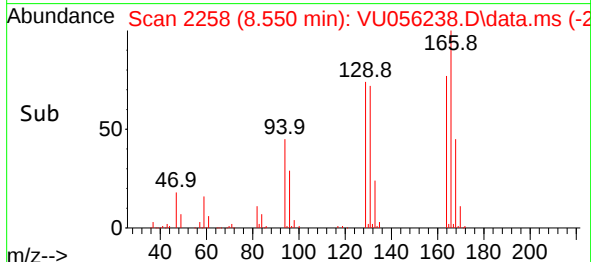
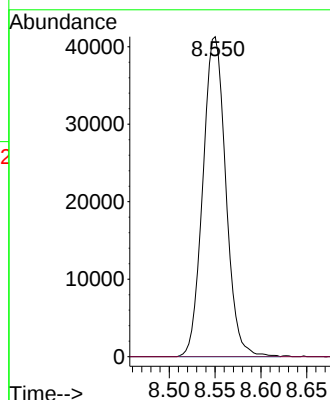
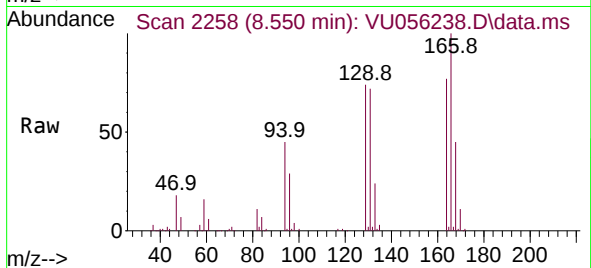




#49
Dibromochloromethane
Concen: 3.259 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 71816
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.329 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

Tgt Ion: 75 Resp: 19724
Ion Ratio Lower Upper
75 100
110 2.5 29.7 44.5#
77 33.2 25.5 38.3

