

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056180.D
 Acq On : 10 Nov 2023 19:21
 Operator : MD/SY
 Sample : 05340-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 01:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

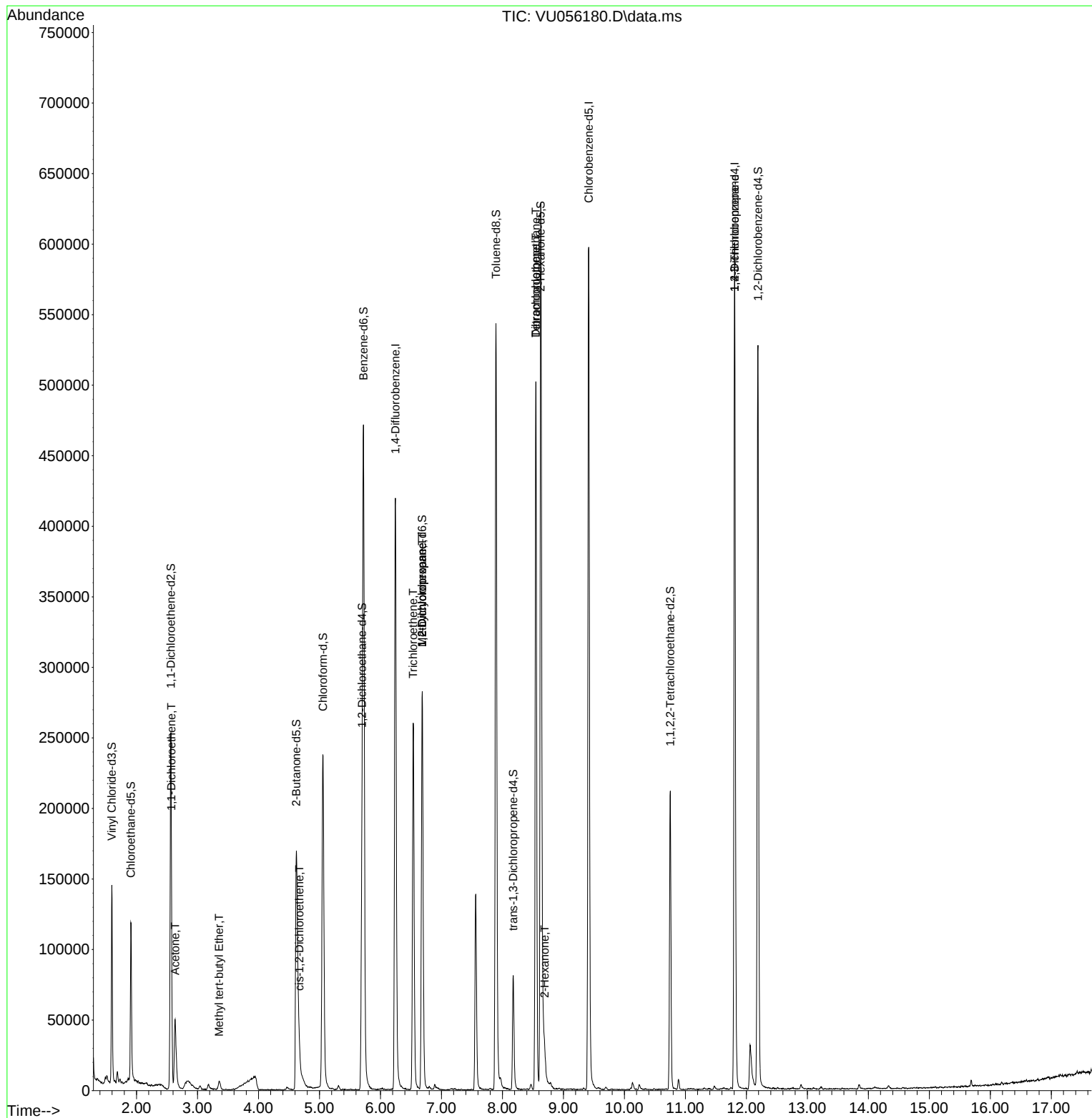
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	367331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	366659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100666	4.415	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.907	69	83096	5.370	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.563	65	46435	4.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.621	46	266131	71.148	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.300%#	
24) Chloroform-d	5.058	84	230623	5.314	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.698	65	110202	5.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.400%	
32) Benzene-d6	5.721	84	463323	5.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
36) 1,2-Dichloropropane-d6	6.685	67	144347	5.568	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.894	98	390782	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	8.177	79	49684	5.014	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.627	63	224530	69.135	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.260%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108724	5.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	148578	5.878	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	4549	0.193	ug/L #	1
13) Acetone	2.634	43	69066	25.037	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	7183	0.135	ug/L #	70
22) cis-1,2-Dichloroethene	4.669	96	7437	0.275	ug/L	80
34) Trichloroethene	6.537	95	92838	3.237	ug/L	97
35) Methylcyclohexane	6.685	83	34193	0.802	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14456	0.529	ug/L #	87
47) Tetrachloroethene	8.547	164	112973	5.249	ug/L	97
48) 2-Hexanone	8.692	43	14766	1.698	ug/L #	44
49) Dibromochloromethane	8.547	129	115741	5.404	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18460	1.305	ug/L #	65

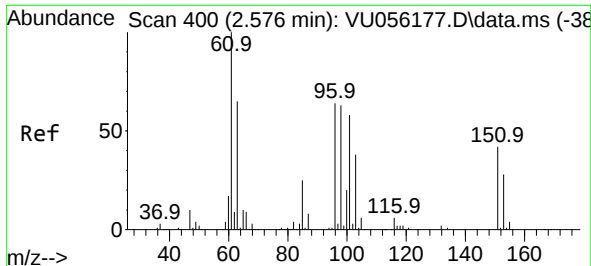
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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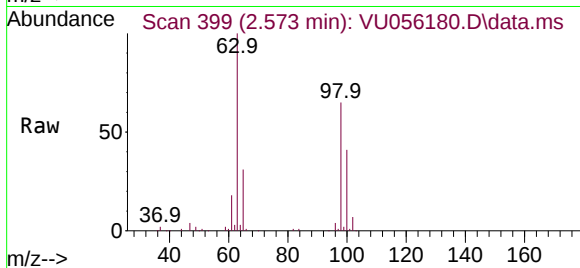
Quant Time: Nov 11 01:41:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
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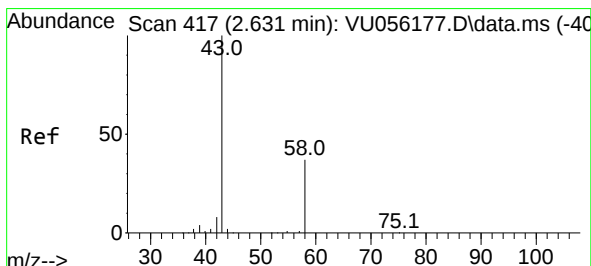
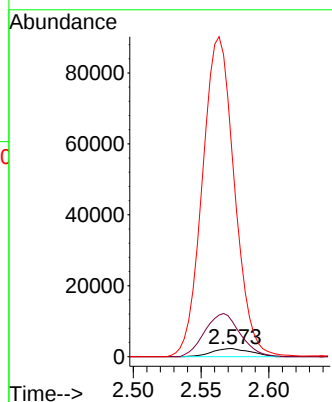
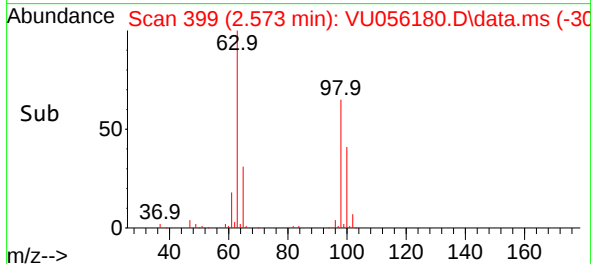


#12
1,1-Dichloroethene
Concen: 0.193 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

Instrument :
MSVOA_U
ClientSampleId :

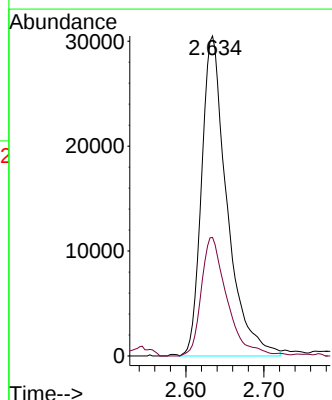
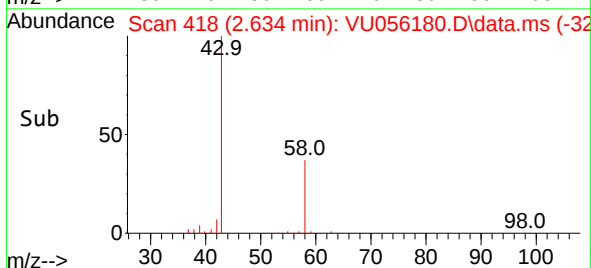
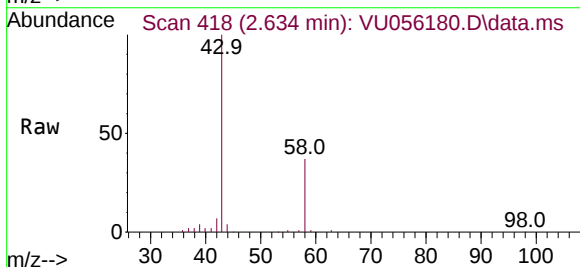


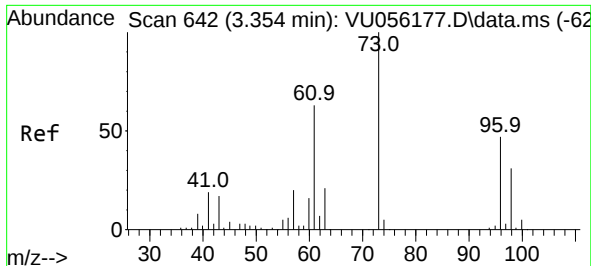
Tgt Ion: 96 Resp: 4549
Ion Ratio Lower Upper
96 100
61 436.0 111.7 207.5#
63 2476.4 74.5 138.3#



#13
Acetone
Concen: 25.037 ug/L
RT: 2.634 min Scan# 418
Delta R.T. 0.003 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

Tgt Ion: 43 Resp: 69066
Ion Ratio Lower Upper
43 100
58 37.3 0.0 74.4





#17

Methyl tert-butyl Ether

Concen: 0.135 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056180.D

Acq: 10 Nov 2023 19:21

Instrument :

MSVOA_U

ClientSampleId :

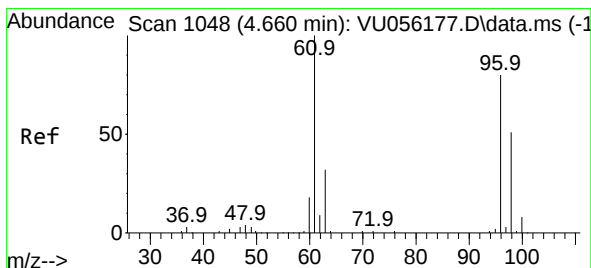
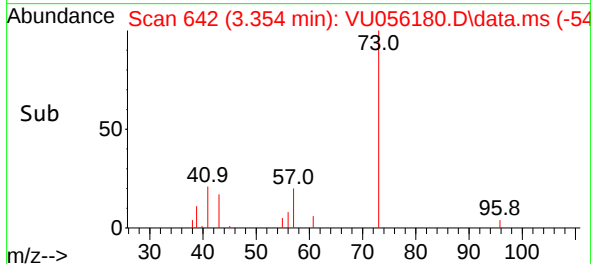
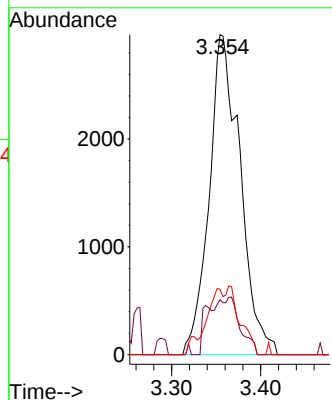
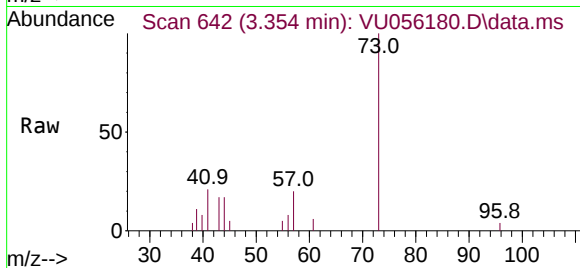
Tgt Ion: 73 Resp: 7183

Ion Ratio Lower Upper

73 100

43 4.6 13.6 20.4#

57 7.0 17.3 25.9#



#22

cis-1,2-Dichloroethene

Concen: 0.275 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.010 min

Lab File: VU056180.D

Acq: 10 Nov 2023 19:21

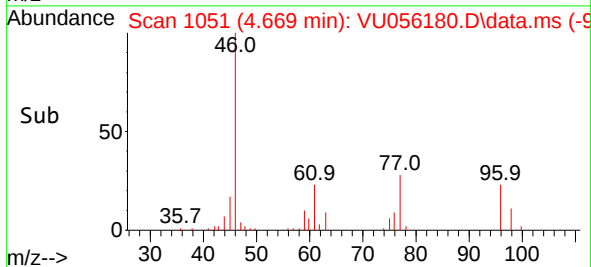
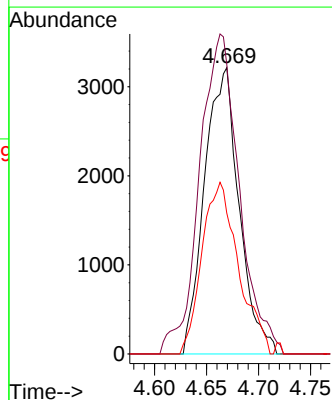
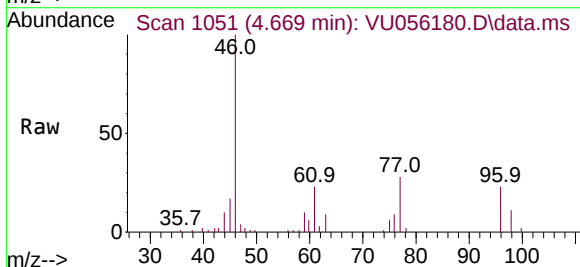
Tgt Ion: 96 Resp: 7437

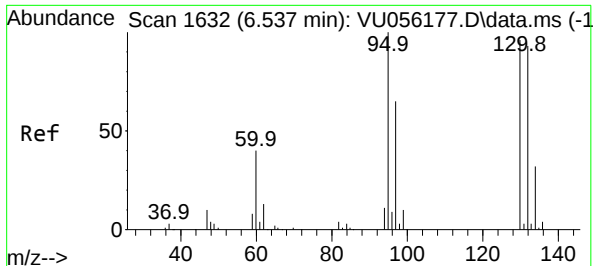
Ion Ratio Lower Upper

96 100

61 101.3 87.8 163.2

98 49.2 43.5 80.7

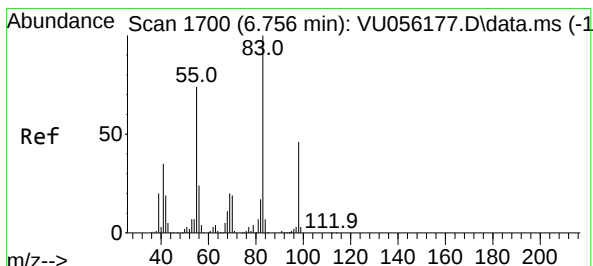
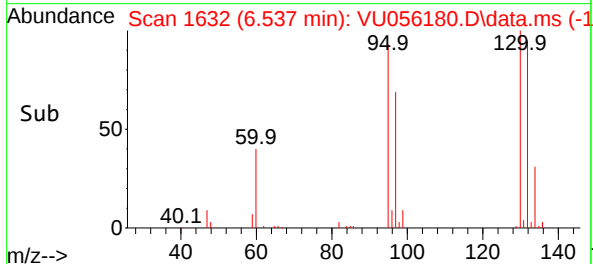
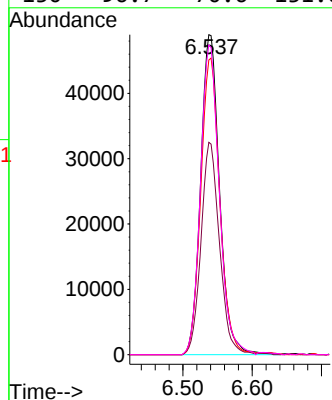
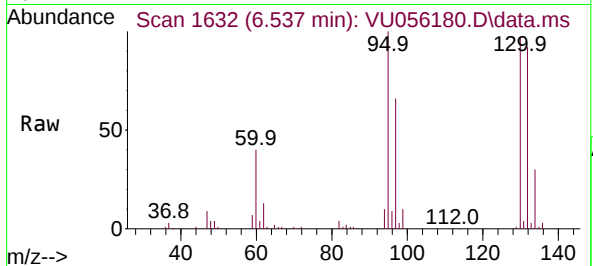




#34
Trichloroethene
Concen: 3.237 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

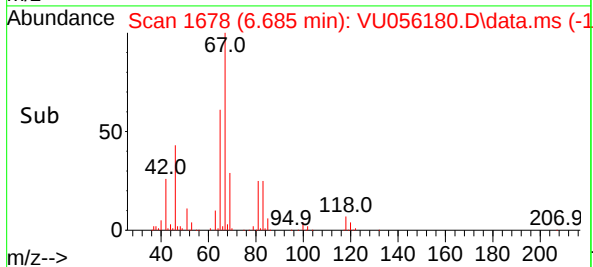
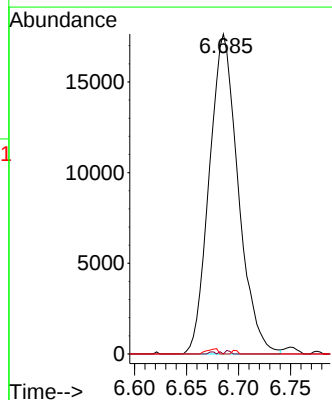
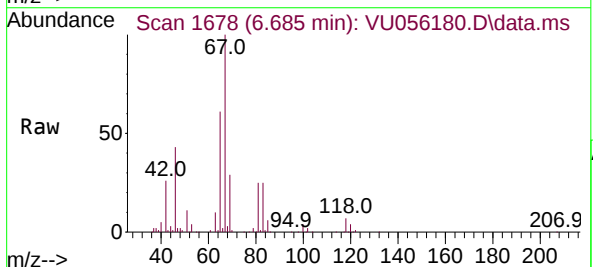
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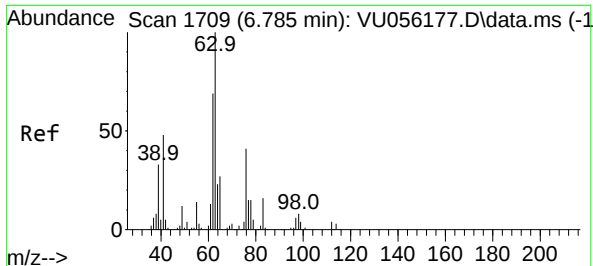
Tgt Ion:	95	Resp:	92838
Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.8	87.0
132	92.1	66.5	123.5
130	96.7	70.6	131.0



#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

Tgt Ion:	83	Resp:	34193
Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.6	91.0#
98	0.0	36.2	54.4#

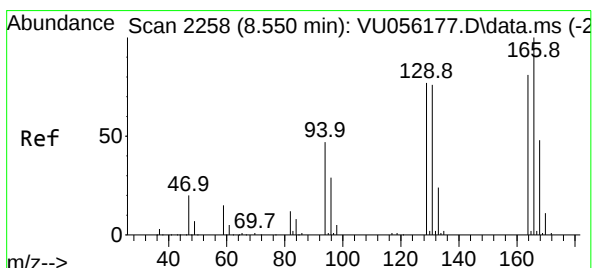
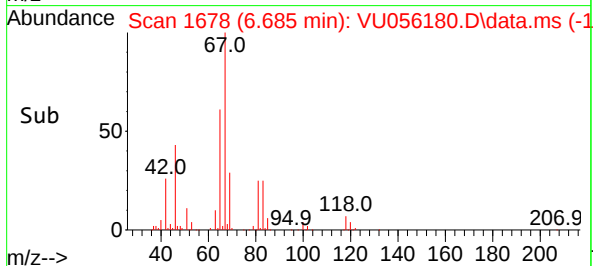
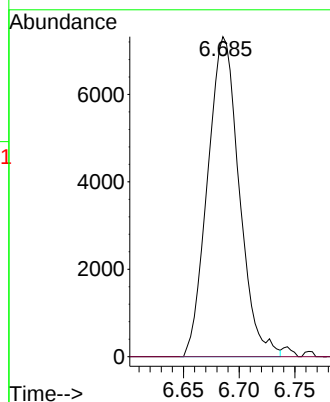
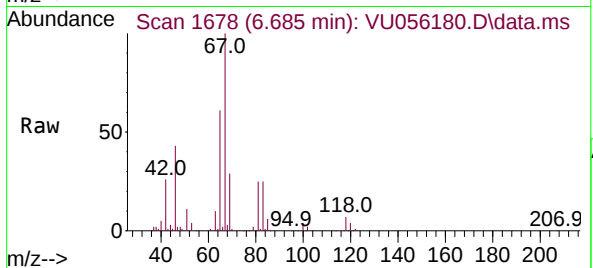




#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

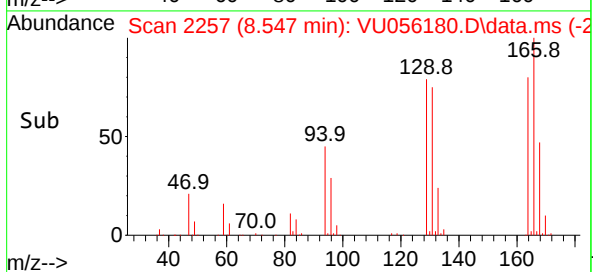
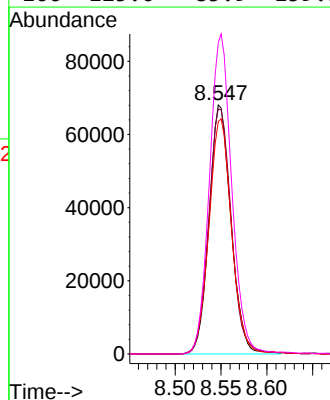
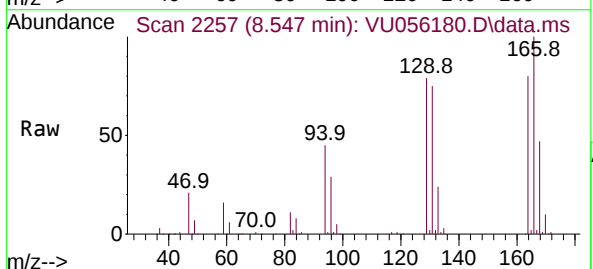
Instrument :
MSVOA_U
ClientSampleId :

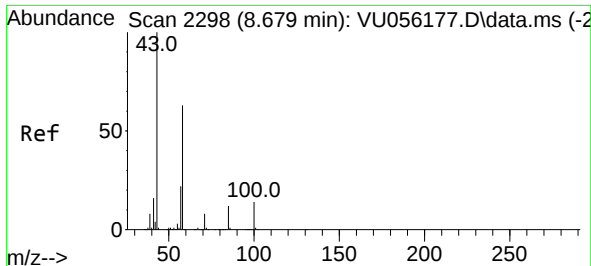
Tgt Ion: 63 Resp: 14456
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#47
Tetrachloroethene
Concen: 5.249 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

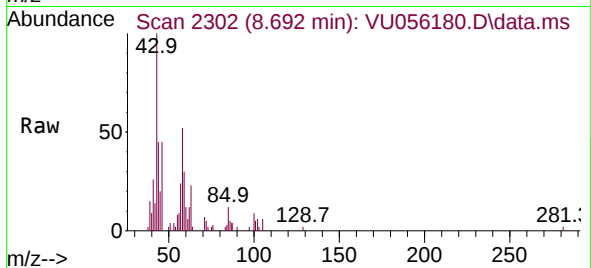
Tgt Ion:164 Resp: 112973
Ion Ratio Lower Upper
164 100
129 98.4 66.6 123.8
131 93.3 67.8 126.0
166 125.0 85.9 159.5



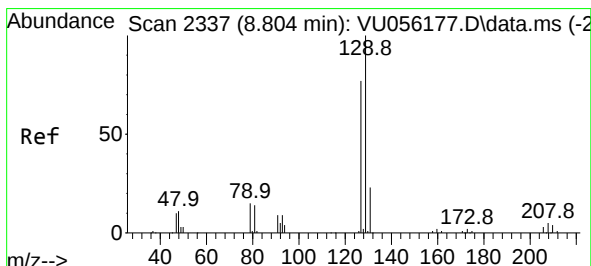
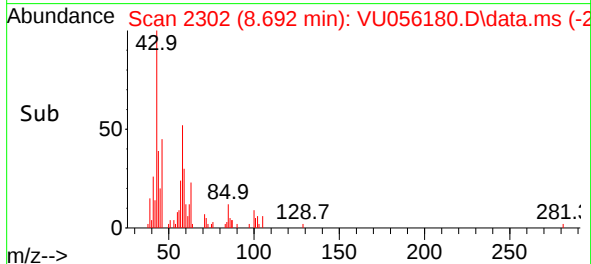
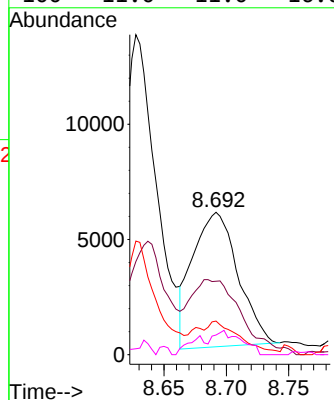


#48
2-Hexanone
Concen: 1.698 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

Instrument :
MSVOA_U
ClientSampleId :

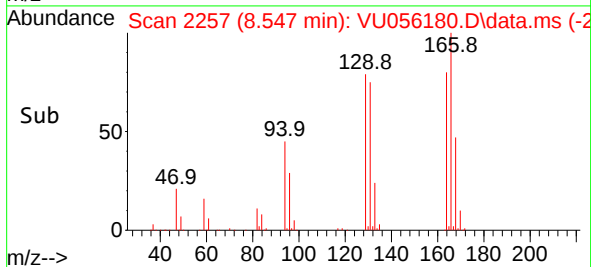
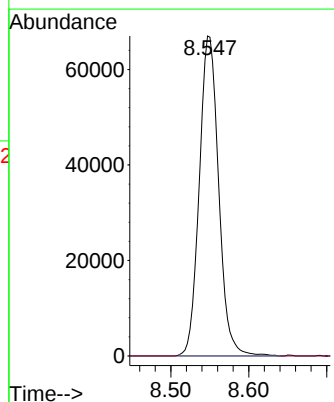
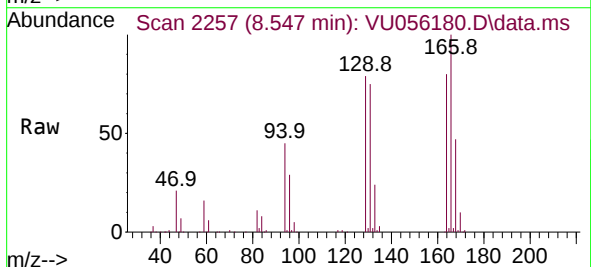


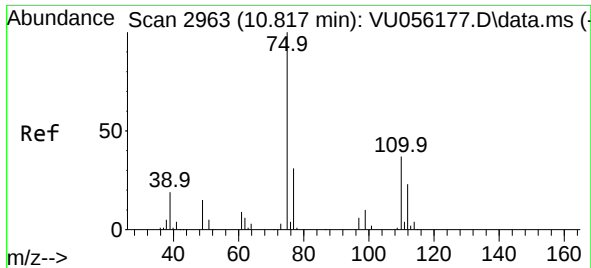
Tgt Ion: 43 Resp: 14766
Ion Ratio Lower Upper
43 100
58 0.0 52.0 78.0#
57 17.6 17.4 26.2
100 11.0 11.0 16.6



#49
Dibromochloromethane
Concen: 5.404 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

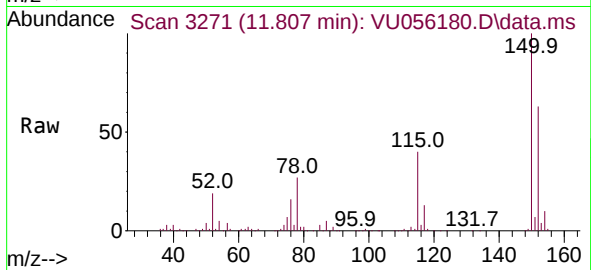
Tgt Ion: 129 Resp: 115741
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 18460
Ion Ratio Lower Upper
75 100
110 2.2 29.7 44.5#
77 35.9 25.5 38.3

