

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050304.D
 Acq On : 13 Aug 2022 00:59
 Operator : SY/MD
 Sample : N4115-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 01:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

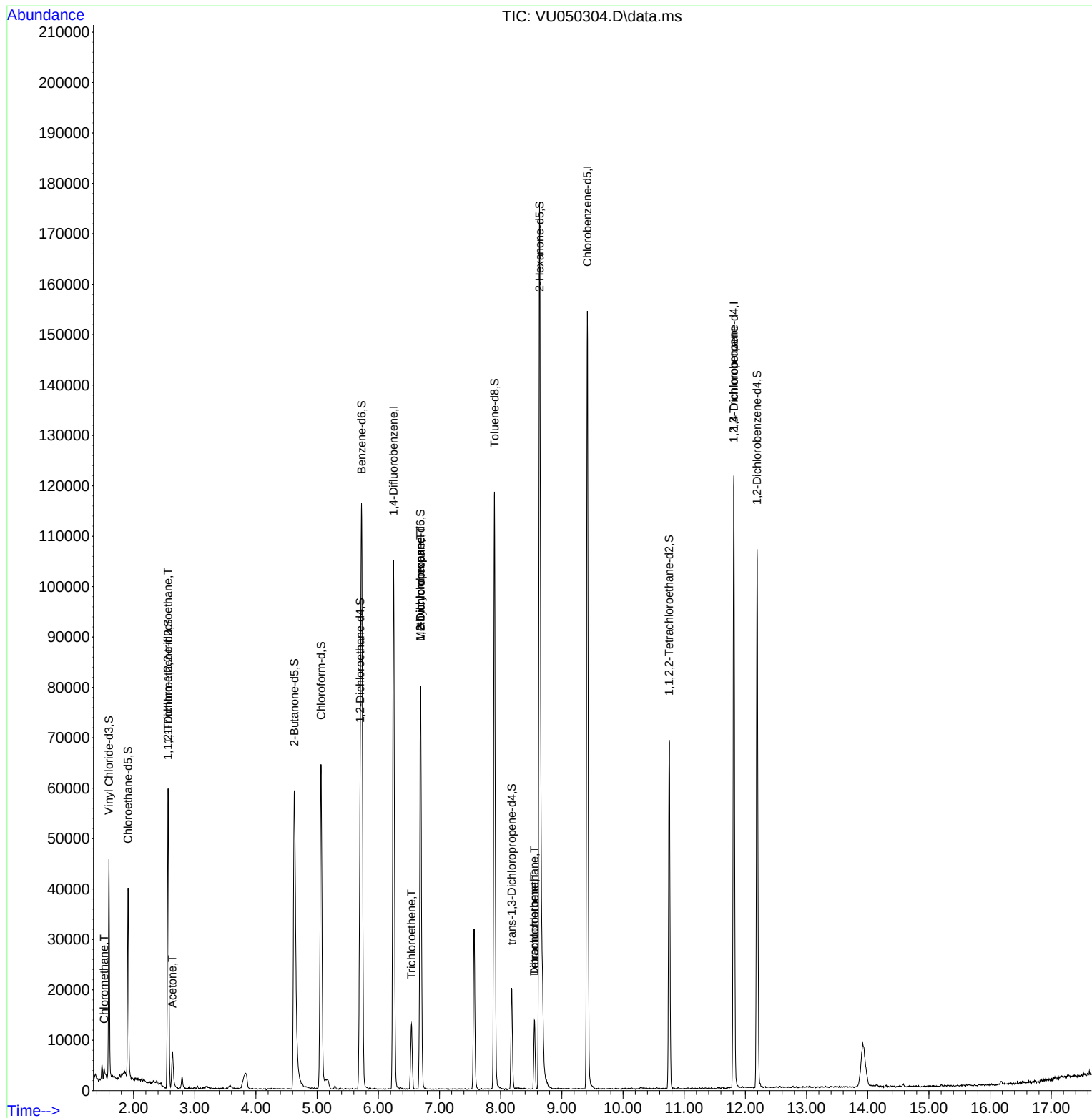
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	88665	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30829	4.302	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.909	69	27628	4.779	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.565	65	11083	3.957	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.200%	
20) 2-Butanone-d5	4.629	46	94644	54.163	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.320%	
24) Chloroform-d	5.063	84	61314	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.703	65	32940	4.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.729	84	110670	4.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	6.690	67	39408	4.325	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.899	98	81537	3.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.800%#	
43) trans-1,3-Dichloroprop...	8.182	79	12102	3.706	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.636	63	55498	47.932	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.860%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	36016	4.501	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	29392	4.393	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1909	0.185	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	273	0.048	ug/L #	22
13) Acetone	2.636	43	9309	9.566	ug/L	96
34) Trichloroethene	6.542	95	4468	0.595	ug/L	94
35) Methylcyclohexane	6.690	83	9293	0.958	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	3948	0.477	ug/L #	89
47) Tetrachloroethene	8.552	164	3305	0.614	ug/L	96
49) Dibromochloromethane	8.552	129	2996	0.438	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	4022	0.865	ug/L #	68

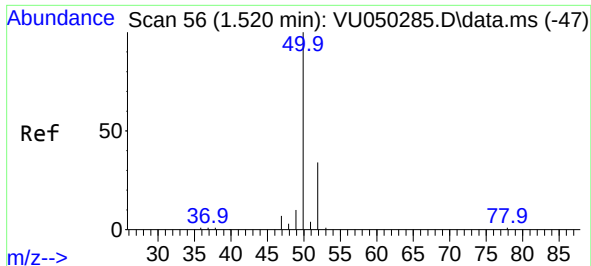
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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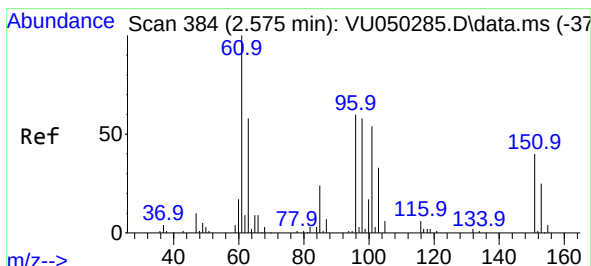
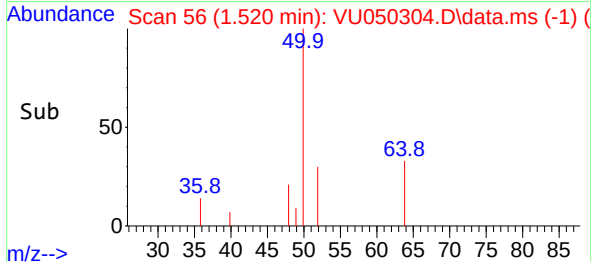
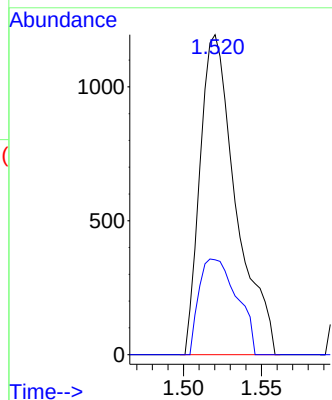
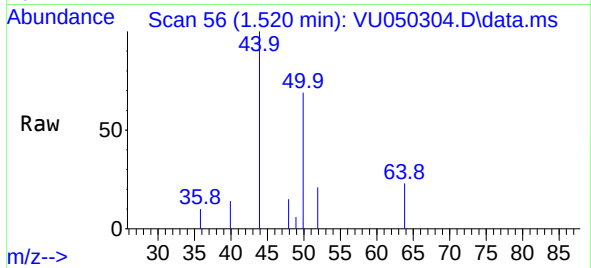




#3
Chloromethane
Concen: 0.185 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050304.D
Acq: 13 Aug 2022 00:59

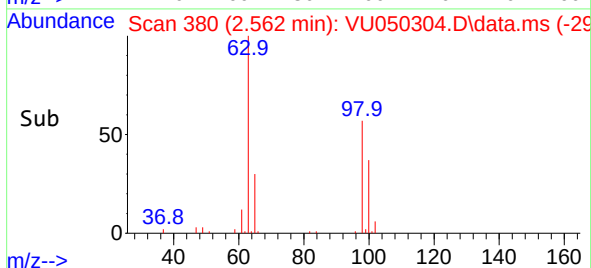
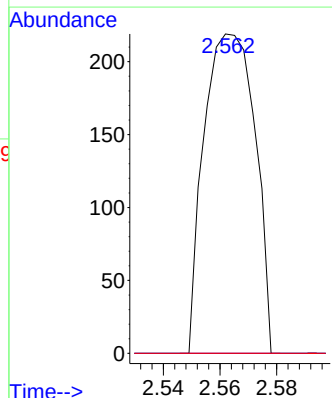
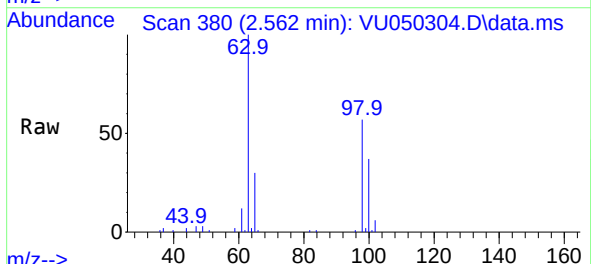
Instrument :
MSVOA_U
ClientSampleId :

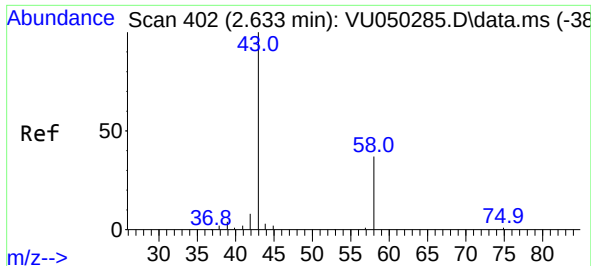
Tgt Ion: 50 Resp: 1909
Ion Ratio Lower Upper
50 100
52 29.6 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050304.D
Acq: 13 Aug 2022 00:59

Tgt Ion: 101 Resp: 273
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#





#13

Acetone

Concen: 9.566 ug/L

RT: 2.636 min Scan# 402

Delta R.T. 0.003 min

Lab File: VU050304.D

Acq: 13 Aug 2022 00:59

Instrument :

MSVOA_U

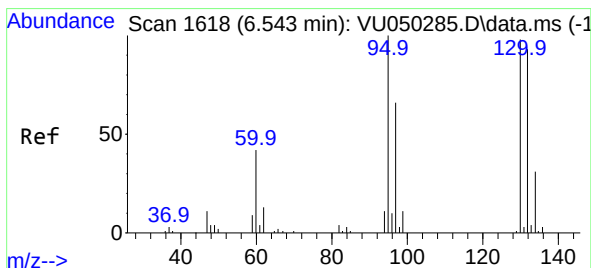
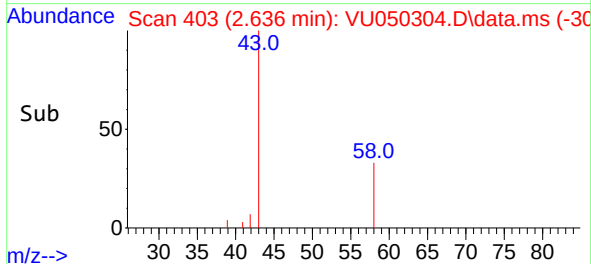
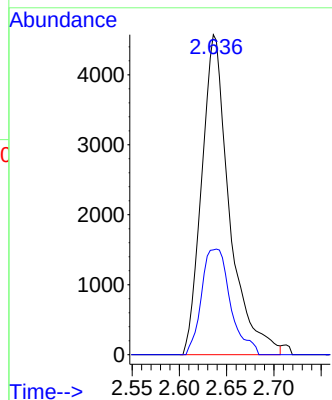
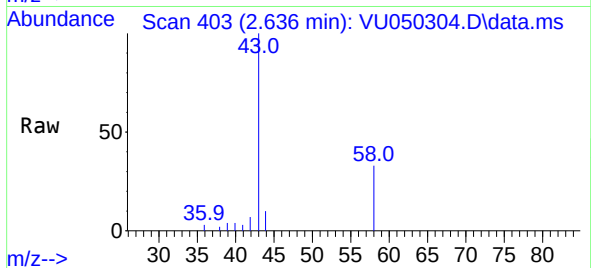
ClientSampleId :

Tgt Ion: 43 Resp: 9309

Ion Ratio Lower Upper

43 100

58 34.4 0.0 64.0



#34

Trichloroethene

Concen: 0.595 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050304.D

Acq: 13 Aug 2022 00:59

Tgt Ion: 95 Resp: 4468

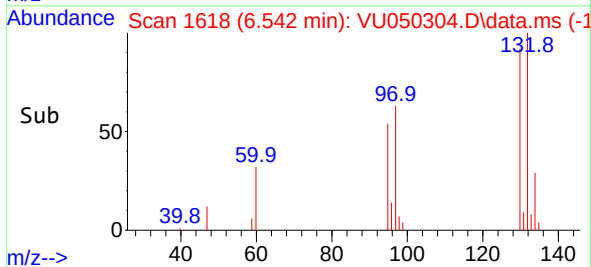
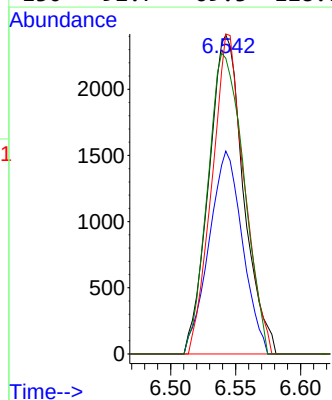
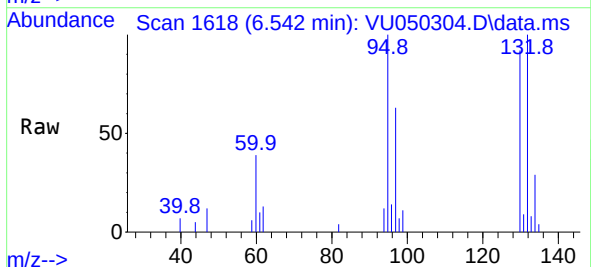
Ion Ratio Lower Upper

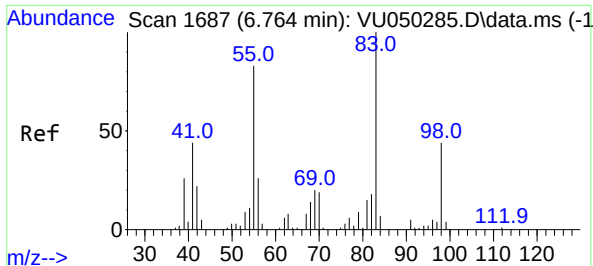
95 100

97 63.6 45.6 84.8

132 100.3 65.0 120.6

130 92.7 69.3 128.7





#35

Methylcyclohexane

Concen: 0.958 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050304.D

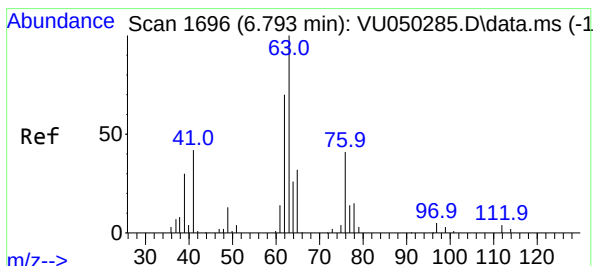
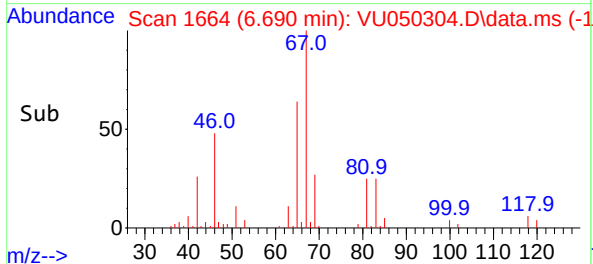
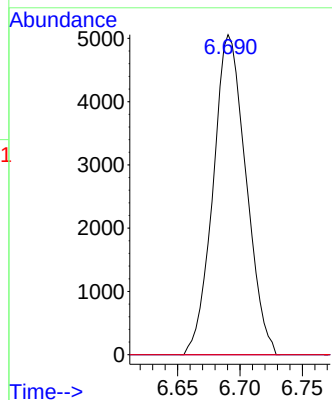
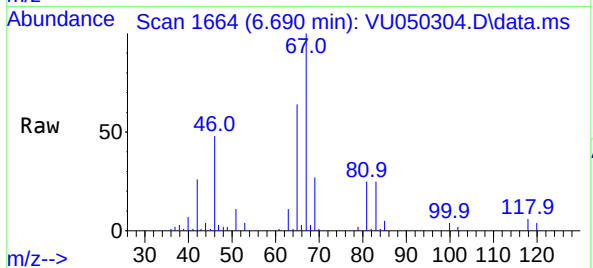
Acq: 13 Aug 2022 00:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9293
Ion Ratio	Lower	Upper
83	100	
55	0.0	62.7 94.1#
98	4.8	36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

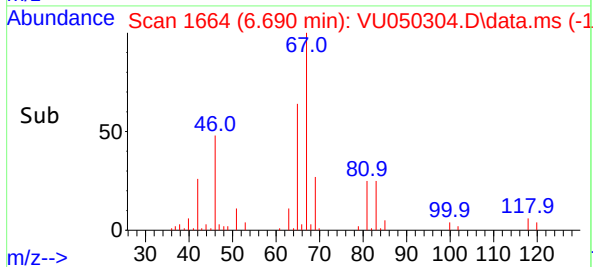
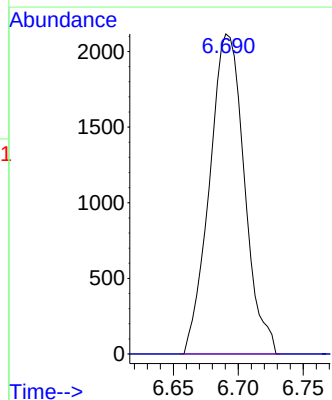
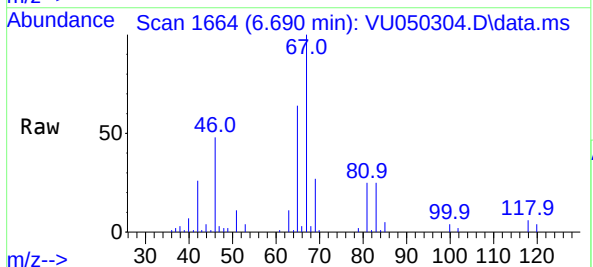
RT: 6.690 min Scan# 1664

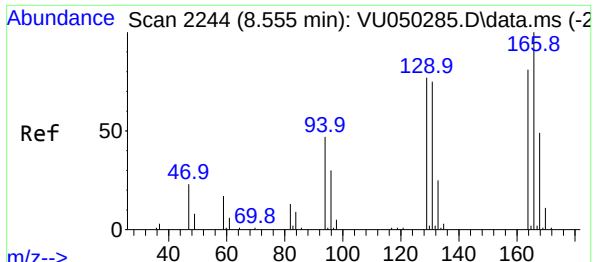
Delta R.T. -0.103 min

Lab File: VU050304.D

Acq: 13 Aug 2022 00:59

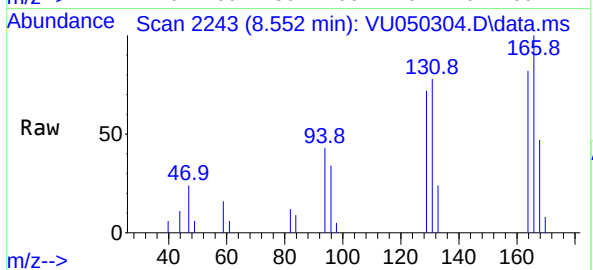
Tgt Ion: 63	Resp:	3948
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.0 4.4#





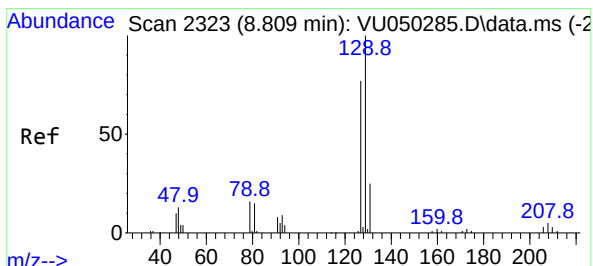
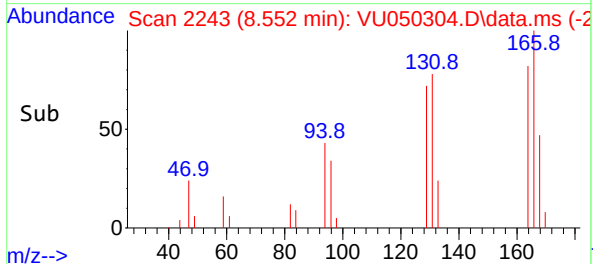
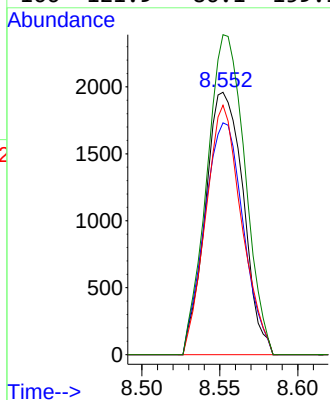
#47
Tetrachloroethene
Concen: 0.614 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050304.D
Acq: 13 Aug 2022 00:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 3305

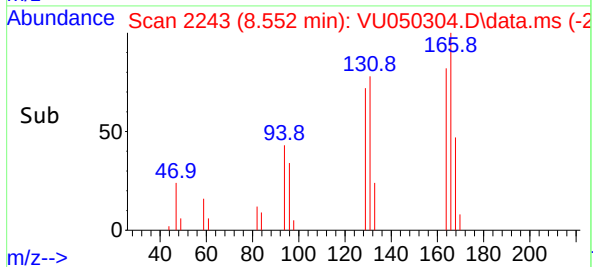
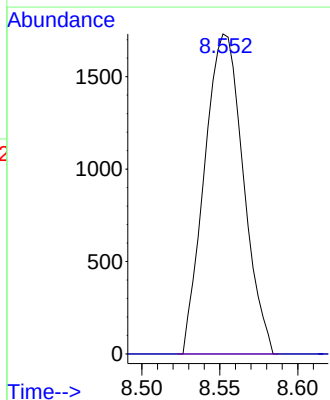
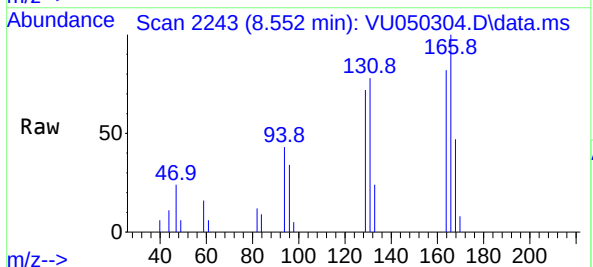
Ion	Ratio	Lower	Upper
164	100		
129	88.3	69.0	128.1
131	95.1	65.8	122.2
166	121.9	86.1	159.9

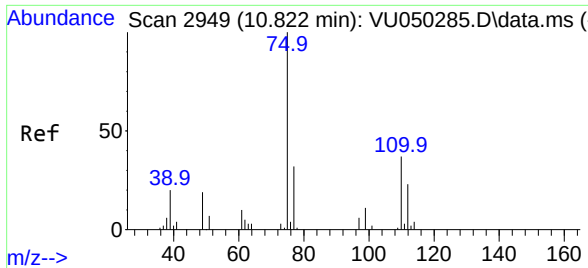


#49
Dibromochloromethane
Concen: 0.438 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU050304.D
Acq: 13 Aug 2022 00:59

Tgt Ion:129 Resp: 2996

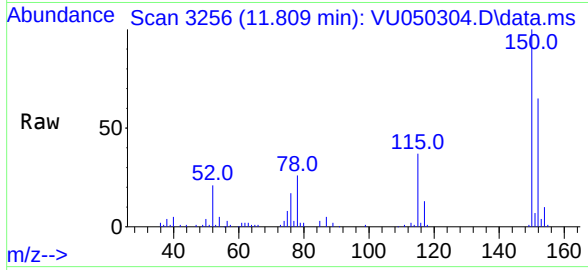
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#





#61
1,2,3-Trichloropropane
Concen: 0.865 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU050304.D
Acq: 13 Aug 2022 00:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4022
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 32.1 25.8 38.6

