

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049058.D
 Acq On : 11 Jun 2022 17:33
 Operator : SY/MD
 Sample : N3277-04 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:48:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:35:15 2022
 Response via : Initial Calibration

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

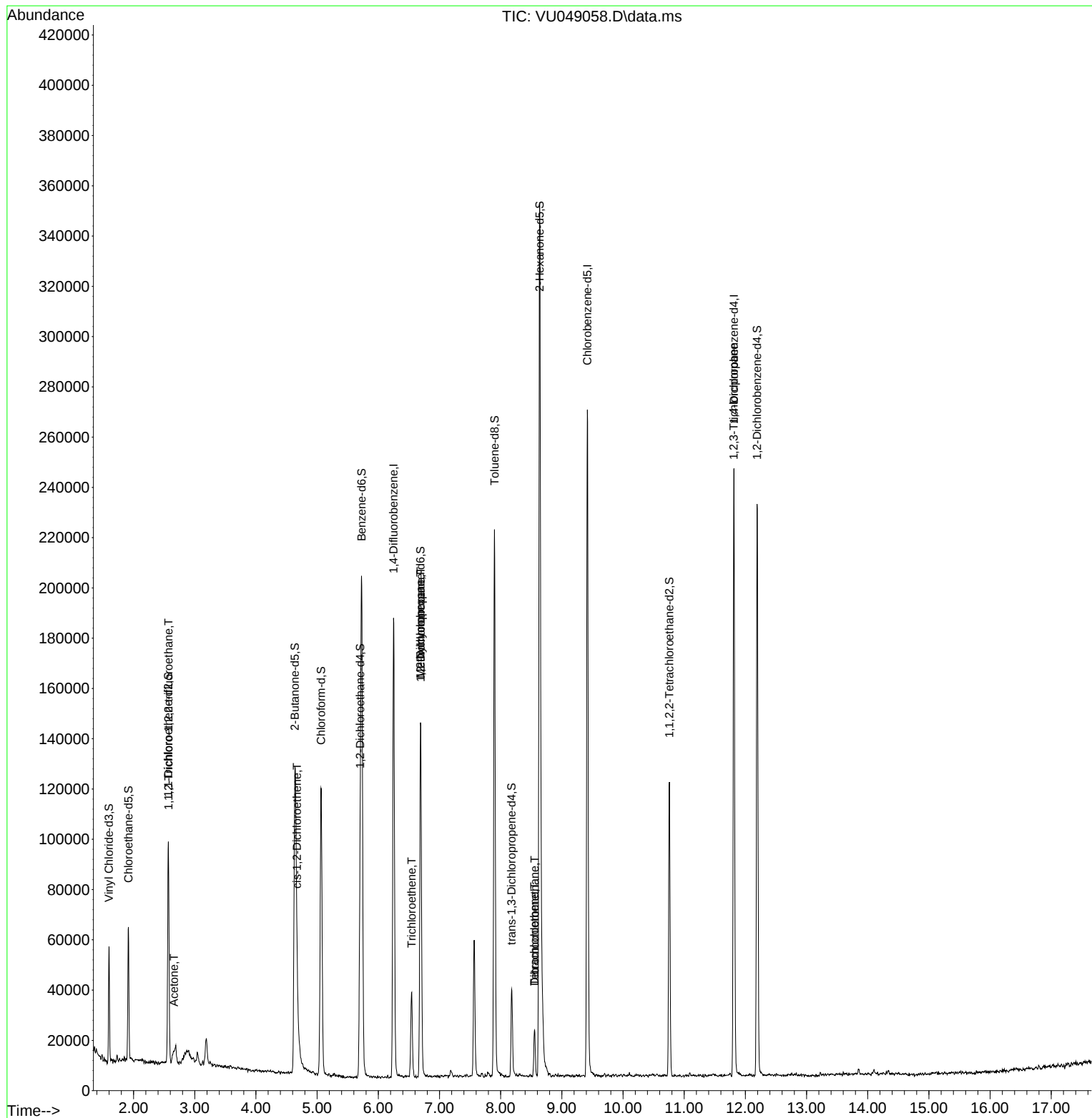
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	150423	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	151325	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32416	4.872	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.400%	
7) Chloroethane-d5	1.916	69	37495	5.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.568	65	17419	5.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.400%	
20) 2-Butanone-d5	4.636	46	178392	53.855	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.700%	
24) Chloroform-d	5.067	84	108007	5.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.703	65	62160	5.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.729	84	186347	4.586	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.690	67	68026	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.899	98	149242	4.371	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.179	79	20838	4.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.636	63	119680	46.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.920%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56461	4.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	61029	5.002	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	499	0.052	ug/L #	19
13) Acetone	2.662	43	9893	5.770	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	608	0.051	ug/L #	9
34) Trichloroethene	6.546	95	11390	0.972	ug/L	92
35) Methylcyclohexane	6.690	83	16112	0.909	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	7174	0.605	ug/L #	93
47) Tetrachloroethene	8.552	164	4646	0.499	ug/L	91
49) Dibromochloromethane	8.555	129	4146	0.386	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	7473	1.051	ug/L #	68

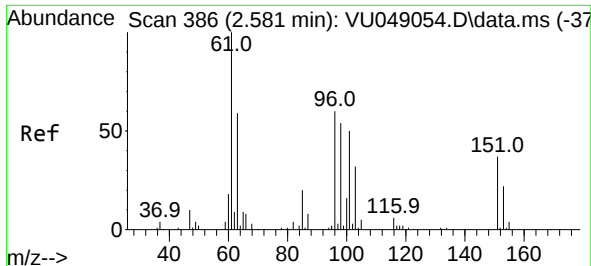
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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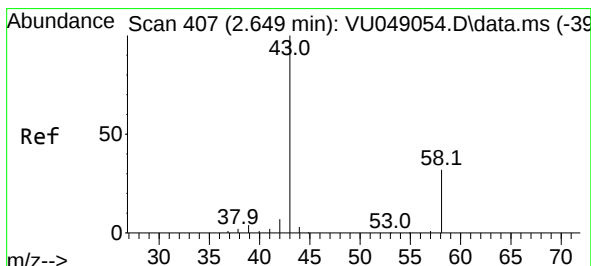
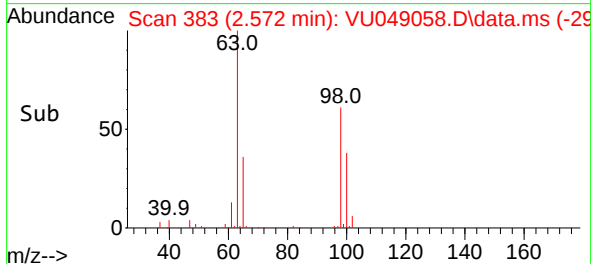
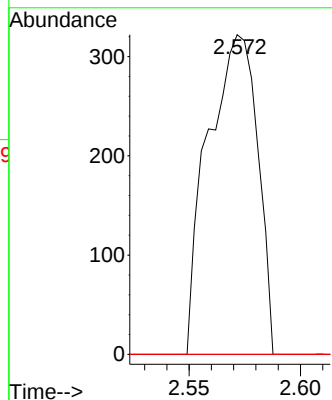
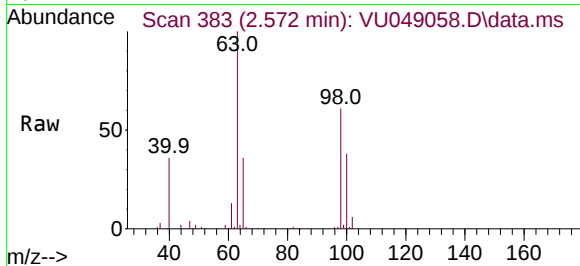




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.572 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU049058.D
Acq: 11 Jun 2022 17:33

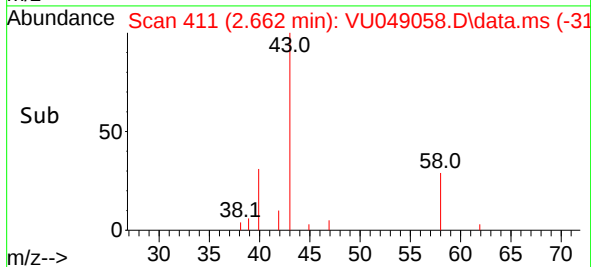
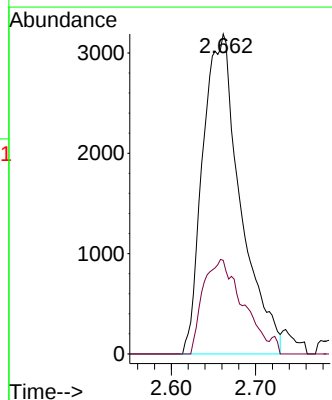
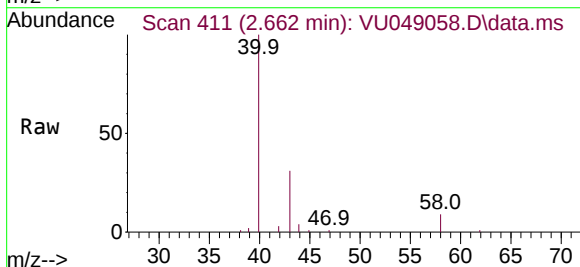
Instrument :
MSVOA_U
ClientSampleId :

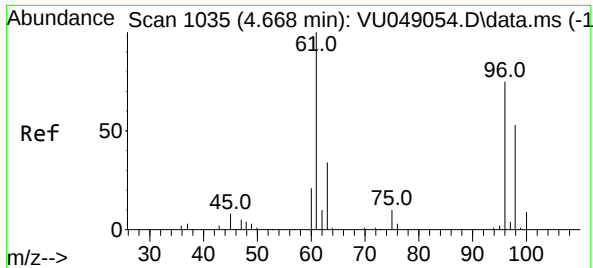
Tgt Ion:101 Resp: 499
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 0.0 60.7 91.1#



#13
Acetone
Concen: 5.770 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.013 min
Lab File: VU049058.D
Acq: 11 Jun 2022 17:33

Tgt Ion: 43 Resp: 9893
Ion Ratio Lower Upper
43 100
58 30.9 0.0 67.0





#22

cis-1,2-Dichloroethene

Concen: 0.051 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU049058.D

Acq: 11 Jun 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

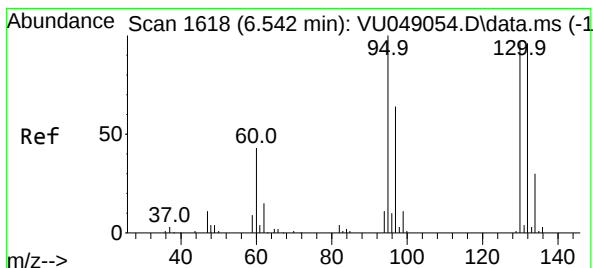
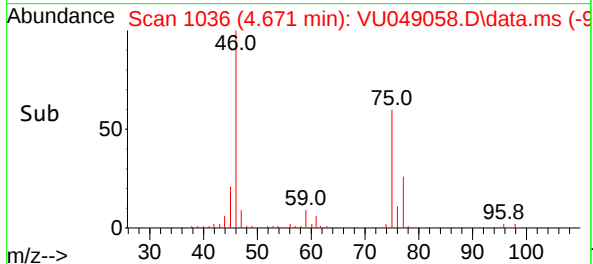
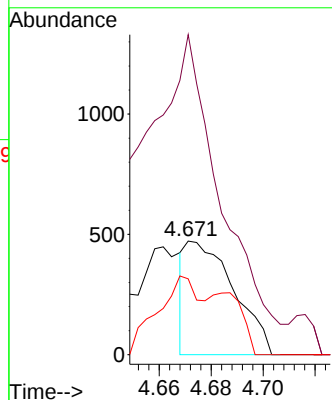
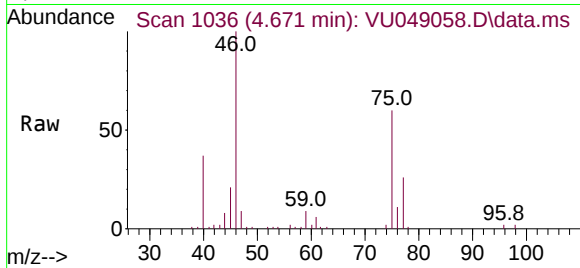
Tgt Ion: 96 Resp: 608

Ion Ratio Lower Upper

96 100

61 281.8 91.1 169.1#

98 66.7 43.0 80.0



#34

Trichloroethene

Concen: 0.972 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU049058.D

Acq: 11 Jun 2022 17:33

Tgt Ion: 95 Resp: 11390

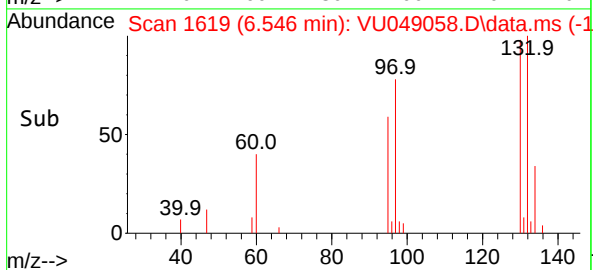
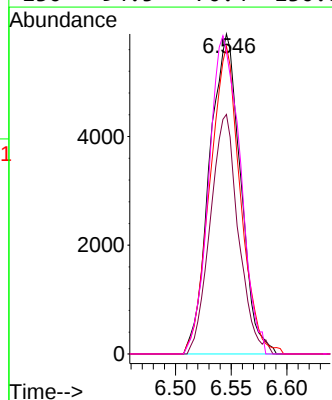
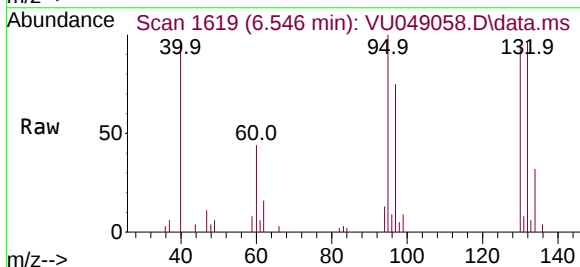
Ion Ratio Lower Upper

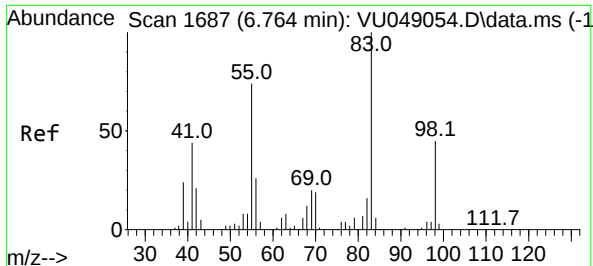
95 100

97 74.9 44.9 83.5

132 96.2 62.8 116.6

130 94.5 70.4 130.8





#35

Methylcyclohexane

Concen: 0.909 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU049058.D

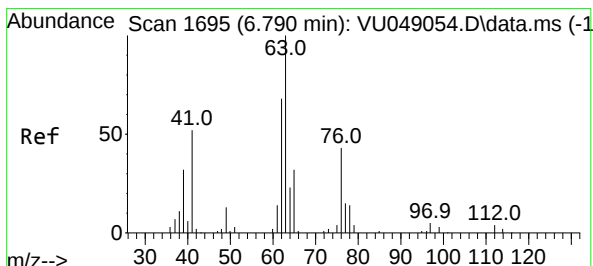
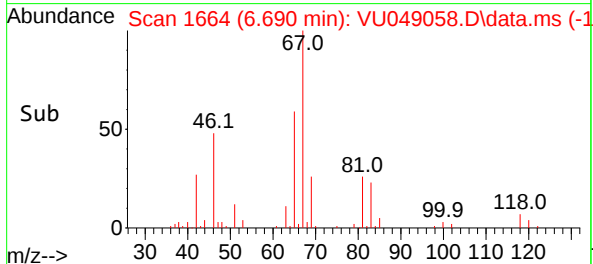
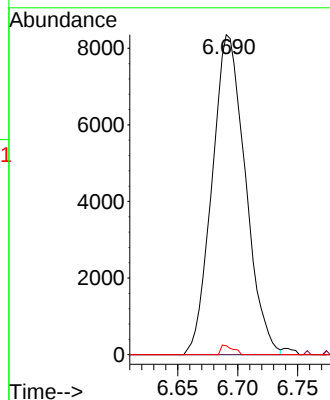
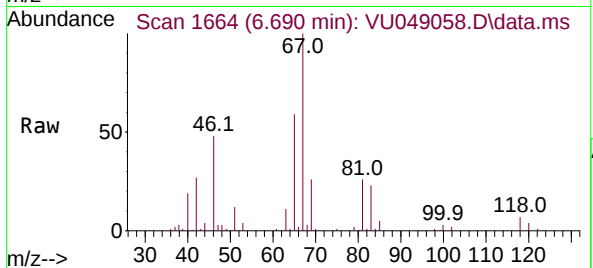
Acq: 11 Jun 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16112
Ion Ratio	Lower Upper
83 100	
55 0.1	60.6 90.8#
98 1.1	35.8 53.8#



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

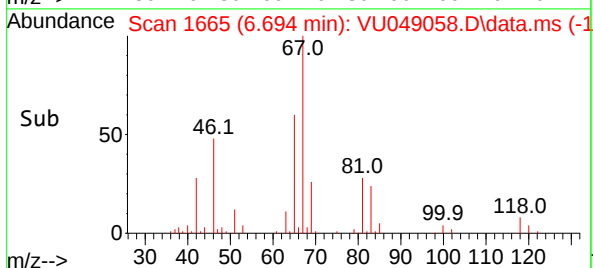
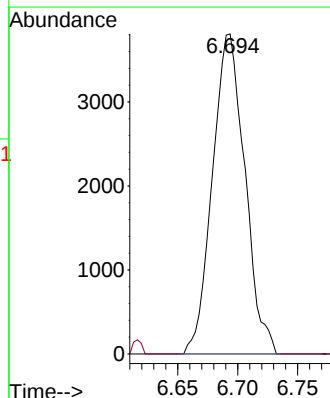
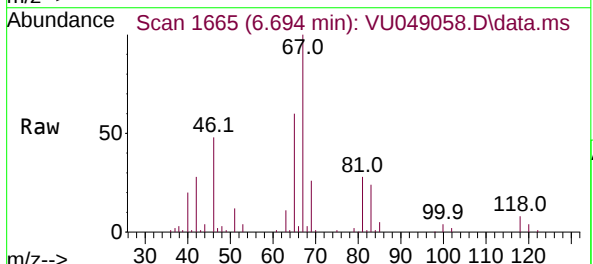
RT: 6.694 min Scan# 1665

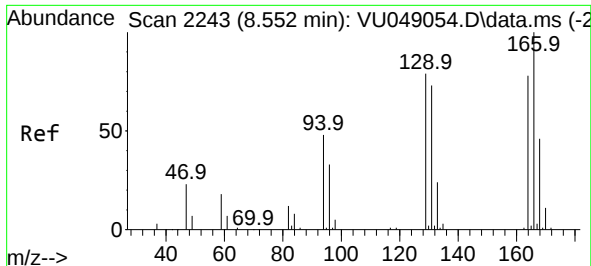
Delta R.T. -0.096 min

Lab File: VU049058.D

Acq: 11 Jun 2022 17:33

Tgt Ion: 63	Resp: 7174
Ion Ratio	Lower Upper
63 100	
112 1.2	2.8 4.2#





#47

Tetrachloroethene

Concen: 0.499 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

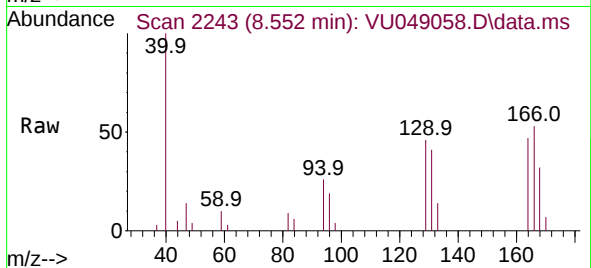
Lab File: VU049058.D

Acq: 11 Jun 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4646

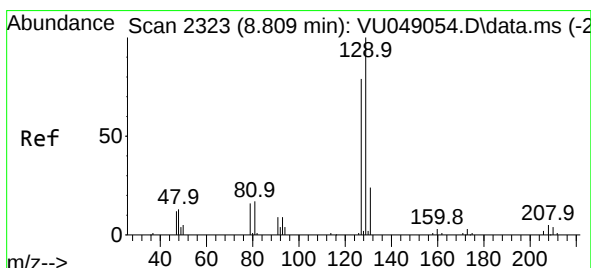
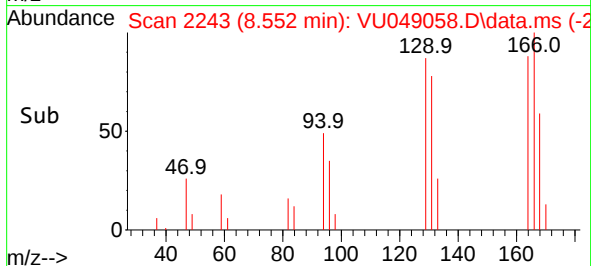
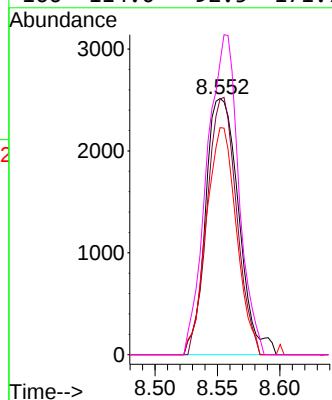
Ion Ratio Lower Upper

164 100

129 99.8 67.0 124.4

131 88.6 65.0 120.8

166 114.0 92.5 171.7



#49

Dibromochloromethane

Concen: 0.386 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.254 min

Lab File: VU049058.D

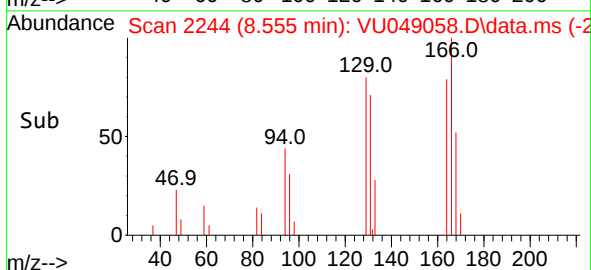
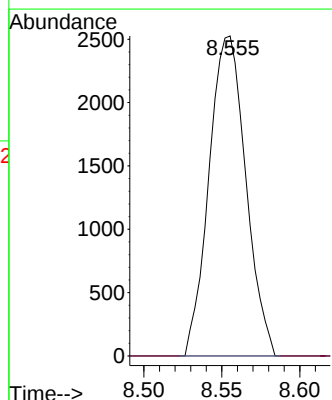
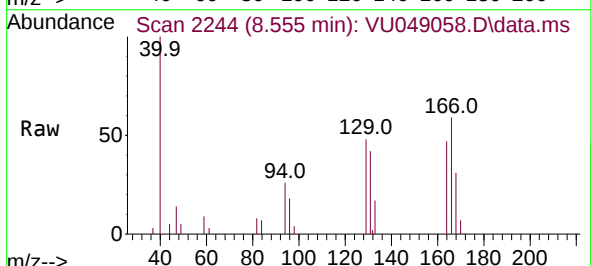
Acq: 11 Jun 2022 17:33

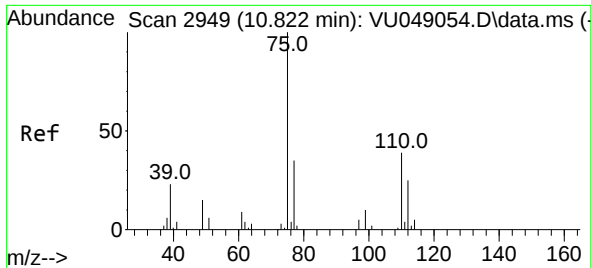
Tgt Ion:129 Resp: 4146

Ion Ratio Lower Upper

129 100

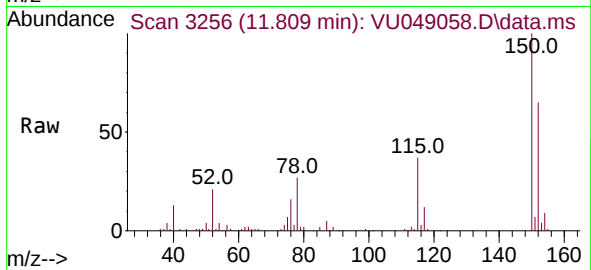
127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.051 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049058.D
 Acq: 11 Jun 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7473
 Ion Ratio Lower Upper
 75 100
 110 0.6 28.6 43.0#
 77 31.1 25.4 38.0

