

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050173.D
 Acq On : 09 Aug 2022 10:49
 Operator : SY/MD
 Sample : N4070-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

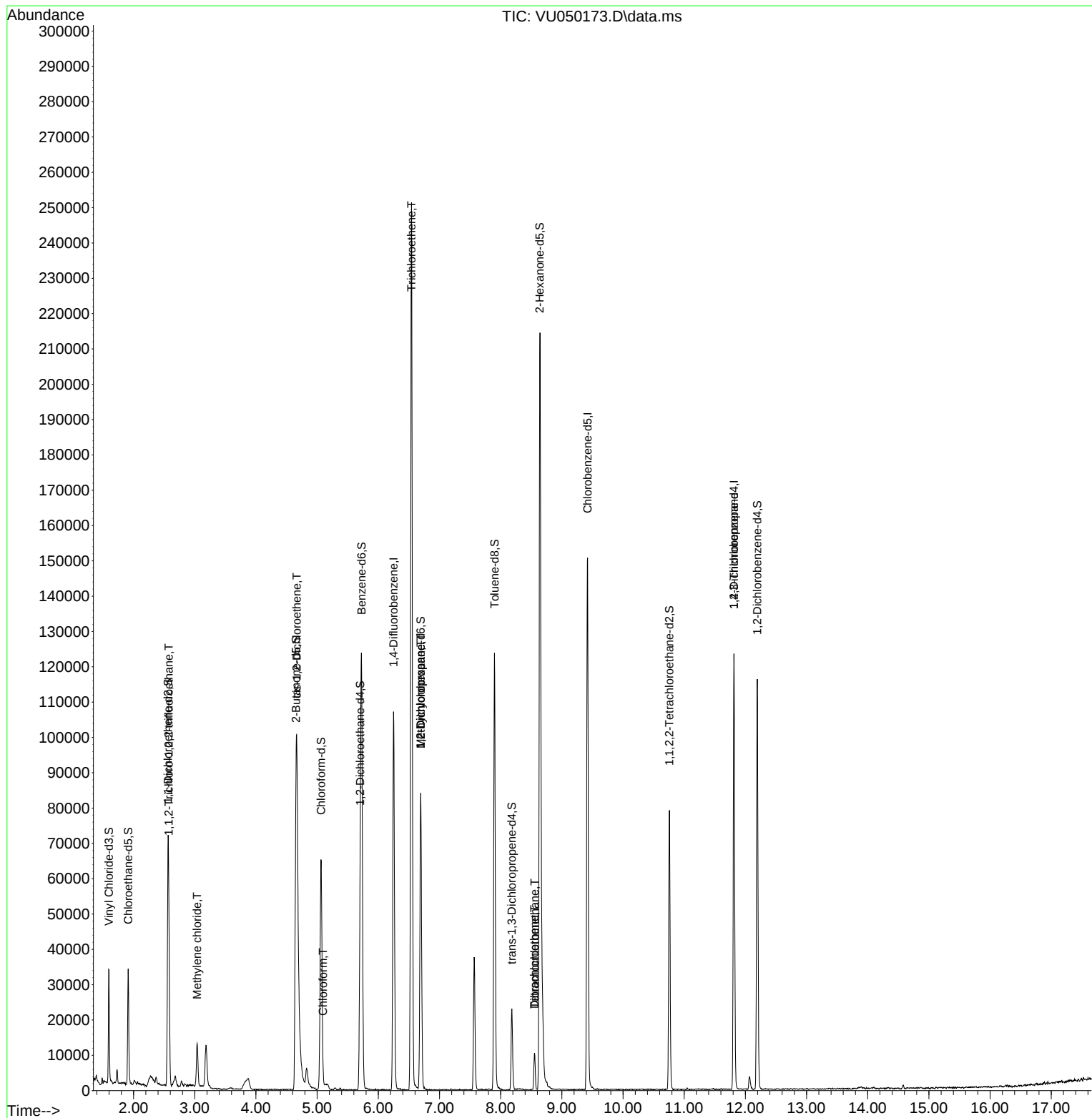
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23516	3.243	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.913	69	23771	4.064	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.200%	
11) 1,1-Dichloroethene-d2	2.562	65	10008	3.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.655	46	116292	65.771	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.540%#	
24) Chloroform-d	5.064	84	61867	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.703	65	34070	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.726	84	110978	4.041	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.694	67	42363	4.684	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.899	98	85749	3.535	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	8.182	79	13943	4.302	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.639	63	70525	61.361	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.720%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40909	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31761	4.765	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	11507	2.018	ug/L	100
16) Methylene chloride	3.038	84	5602	0.609	ug/L	88
22) cis-1,2-Dichloroethene	4.668	96	22139	2.958	ug/L	97
25) Chloroform	5.096	83	400	0.029	ug/L	76
34) Trichloroethene	6.543	95	87891	11.785	ug/L	98
35) Methylcyclohexane	6.694	83	9555	0.992	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4188	0.510	ug/L #	89
47) Tetrachloroethene	8.552	164	2350	0.440	ug/L	95
49) Dibromochloromethane	8.555	129	2229	0.328	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3963	0.855	ug/L #	66

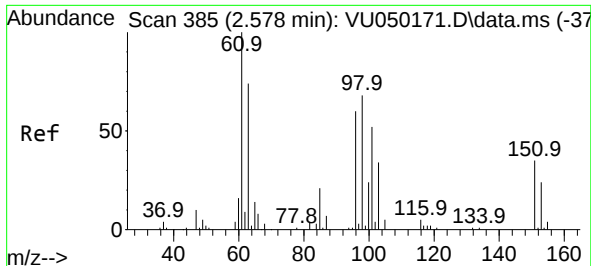
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.018 ug/L

RT: 2.575 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU050173.D

Acq: 09 Aug 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

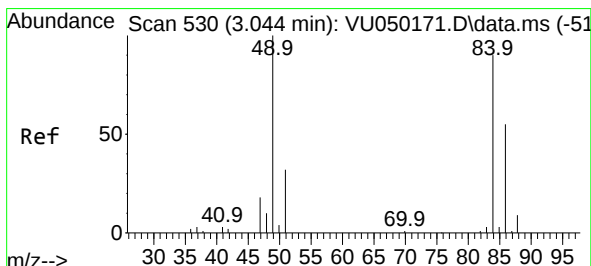
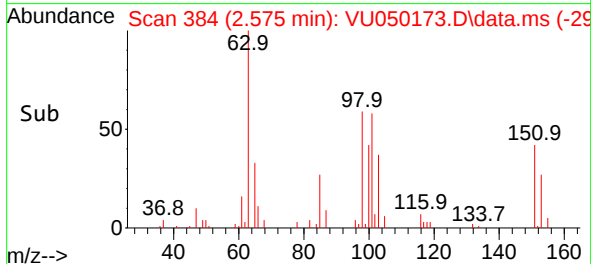
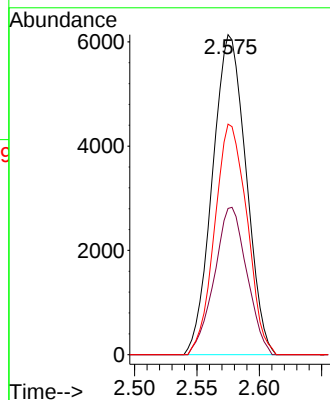
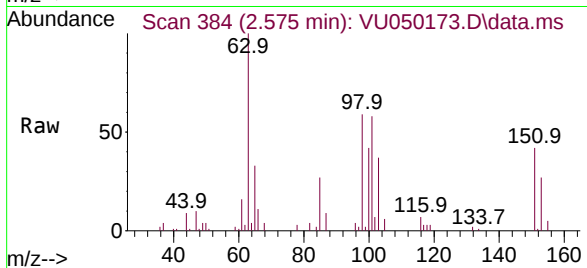
Tgt Ion:101 Resp: 11507

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

151 69.5 55.2 82.8



#16

Methylene chloride

Concen: 0.609 ug/L

RT: 3.038 min Scan# 528

Delta R.T. -0.006 min

Lab File: VU050173.D

Acq: 09 Aug 2022 10:49

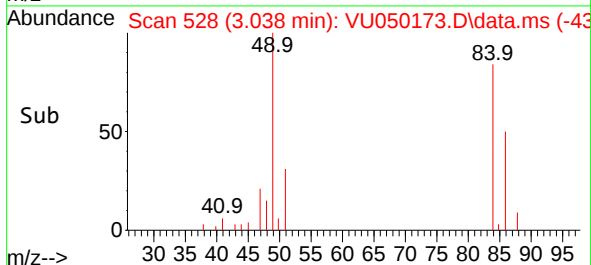
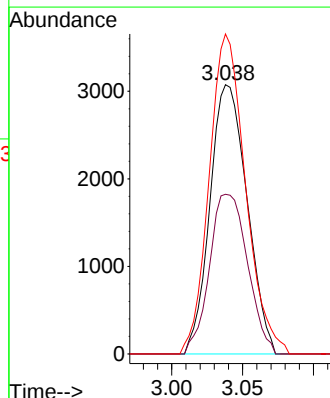
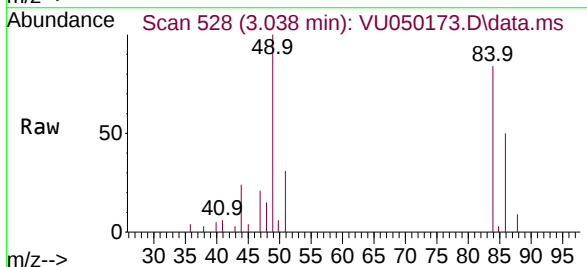
Tgt Ion: 84 Resp: 5602

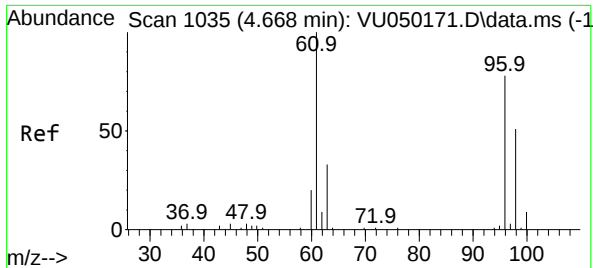
Ion Ratio Lower Upper

84 100

86 59.3 45.9 85.3

49 125.5 77.6 144.0



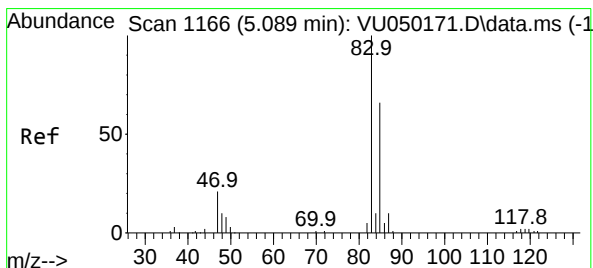
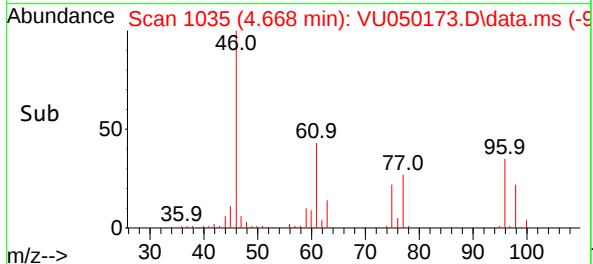
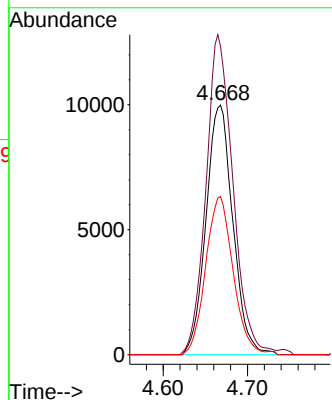
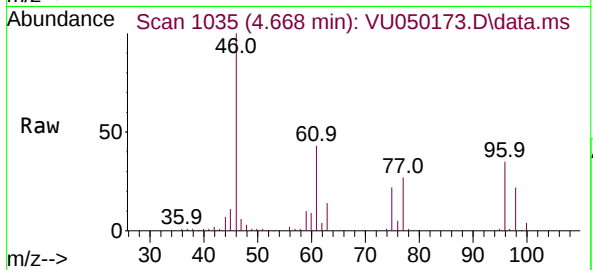


#22
 cis-1,2-Dichloroethene
 Concen: 2.958 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050173.D
 Acq: 09 Aug 2022 10:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 22139

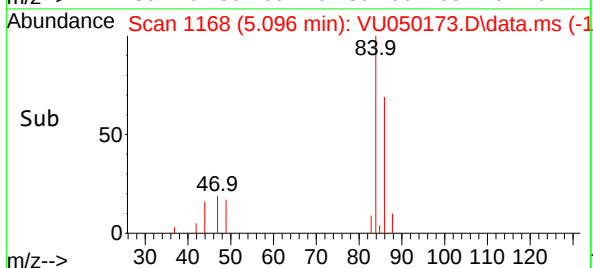
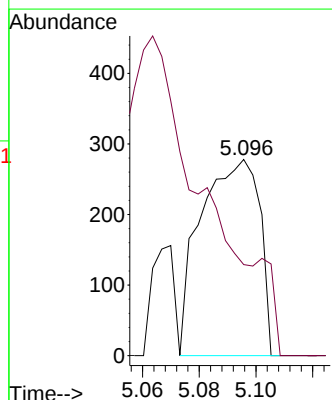
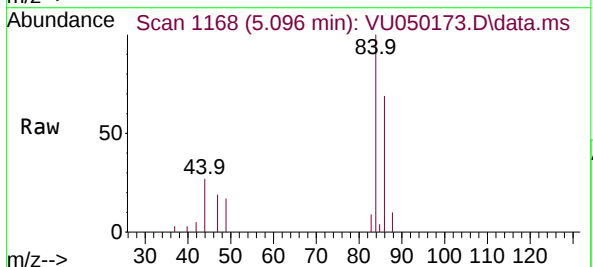
Ion	Ratio	Lower	Upper
96	100		
61	123.6	89.0	165.4
98	63.4	45.2	84.0

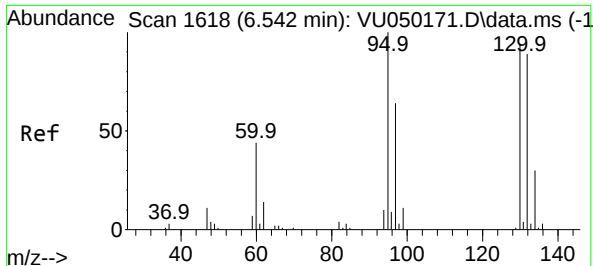


#25
 Chloroform
 Concen: 0.029 ug/L
 RT: 5.096 min Scan# 1168
 Delta R.T. 0.007 min
 Lab File: VU050173.D
 Acq: 09 Aug 2022 10:49

Tgt Ion: 83 Resp: 400

Ion	Ratio	Lower	Upper
83	100		
85	46.4	46.1	85.5

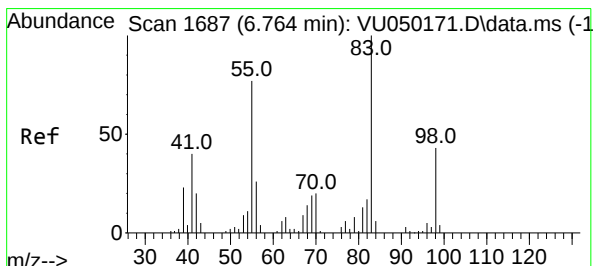
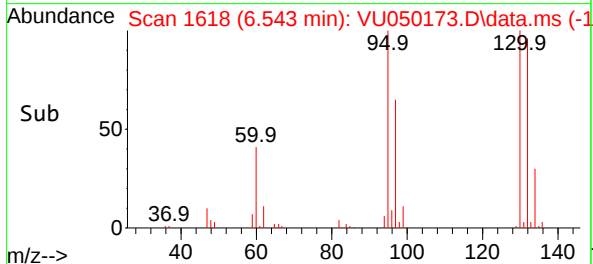
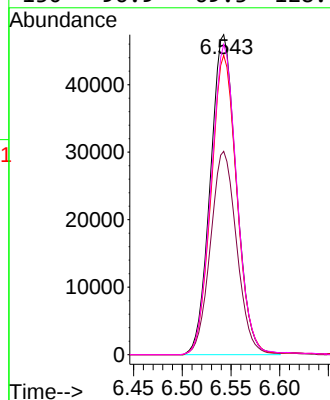
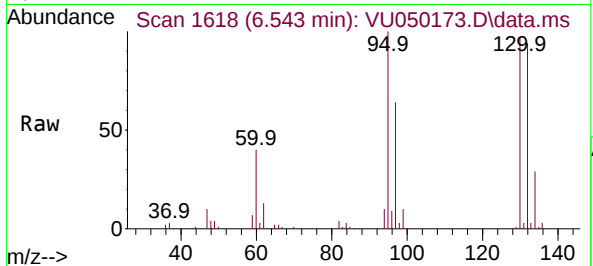




#34
Trichloroethene
Concen: 11.785 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050173.D
Acq: 09 Aug 2022 10:49

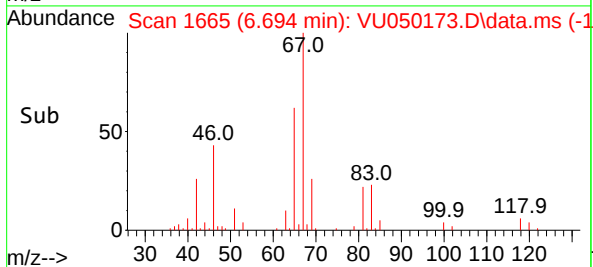
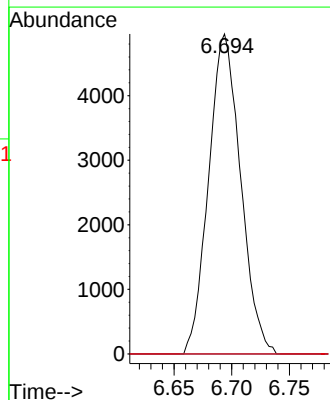
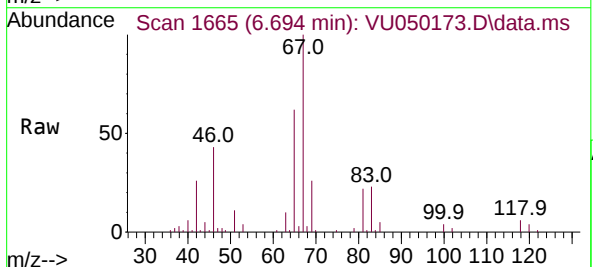
Instrument :
MSVOA_U
ClientSampleId :

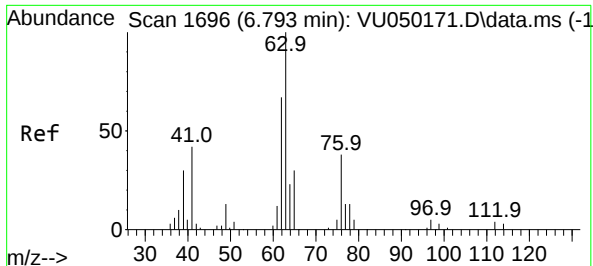
Tgt Ion: 95 Resp: 87891
Ion Ratio Lower Upper
95 100
97 63.6 45.6 84.8
132 93.5 65.0 120.6
130 96.9 69.3 128.7



#35
Methylcyclohexane
Concen: 0.992 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050173.D
Acq: 09 Aug 2022 10:49

Tgt Ion: 83 Resp: 9555
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050173.D

Acq: 09 Aug 2022 10:49

Instrument :

MSVOA_U

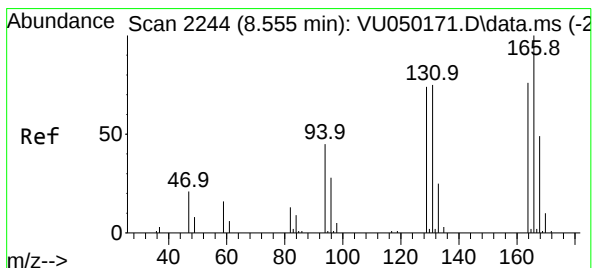
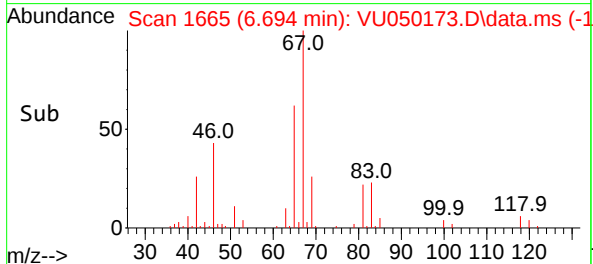
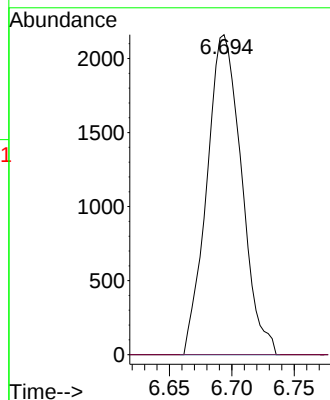
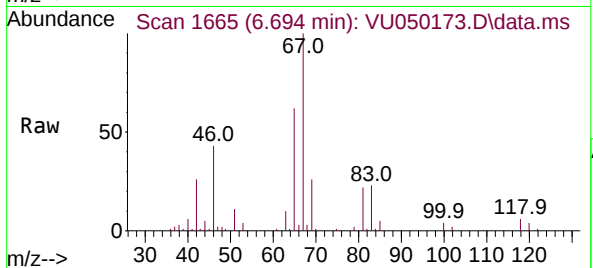
ClientSampleId :

Tgt Ion: 63 Resp: 4188

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 0.440 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU050173.D

Acq: 09 Aug 2022 10:49

Tgt Ion:164 Resp: 2350

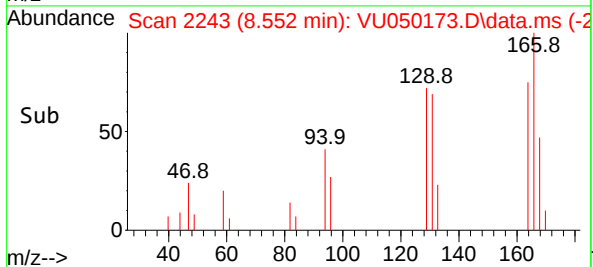
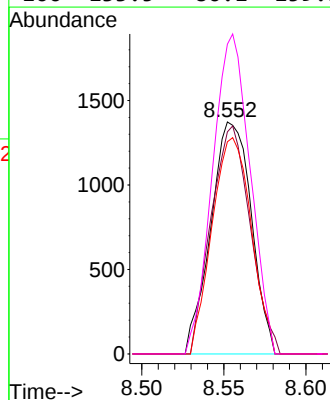
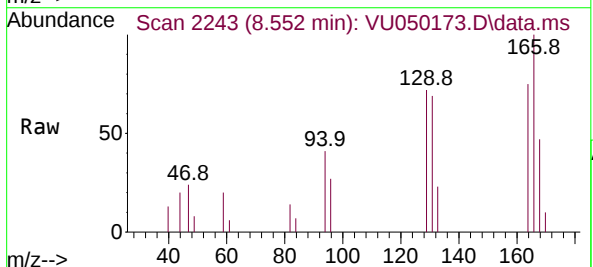
Ion Ratio Lower Upper

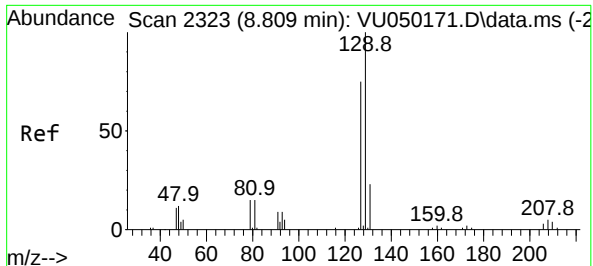
164 100

129 95.7 69.0 128.1

131 91.5 65.8 122.2

166 133.5 86.1 159.9





#49

Dibromochloromethane

Concen: 0.328 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050173.D

Acq: 09 Aug 2022 10:49

Instrument :

MSVOA_U

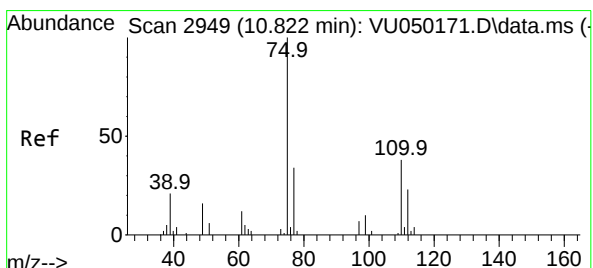
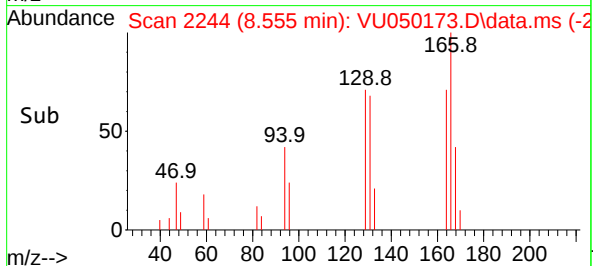
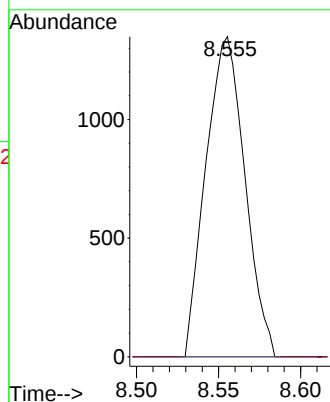
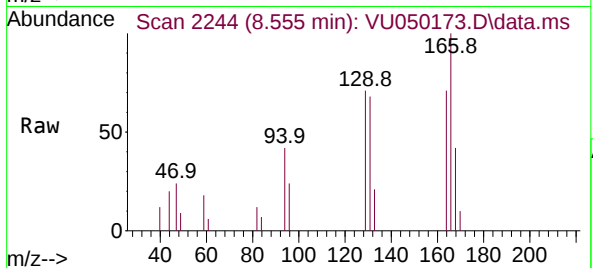
ClientSampleId :

Tgt Ion:129 Resp: 2229

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



#61

1,2,3-Trichloropropane

Concen: 0.855 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050173.D

Acq: 09 Aug 2022 10:49

Tgt Ion: 75 Resp: 3963

Ion Ratio Lower Upper

75 100

110 0.0 28.5 42.7#

77 34.4 25.8 38.6

