

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051707.D
 Acq On : 02 Nov 2022 22:28
 Operator : JC/MD
 Sample : N5353-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBXB2

Quant Time: Nov 03 04:28:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

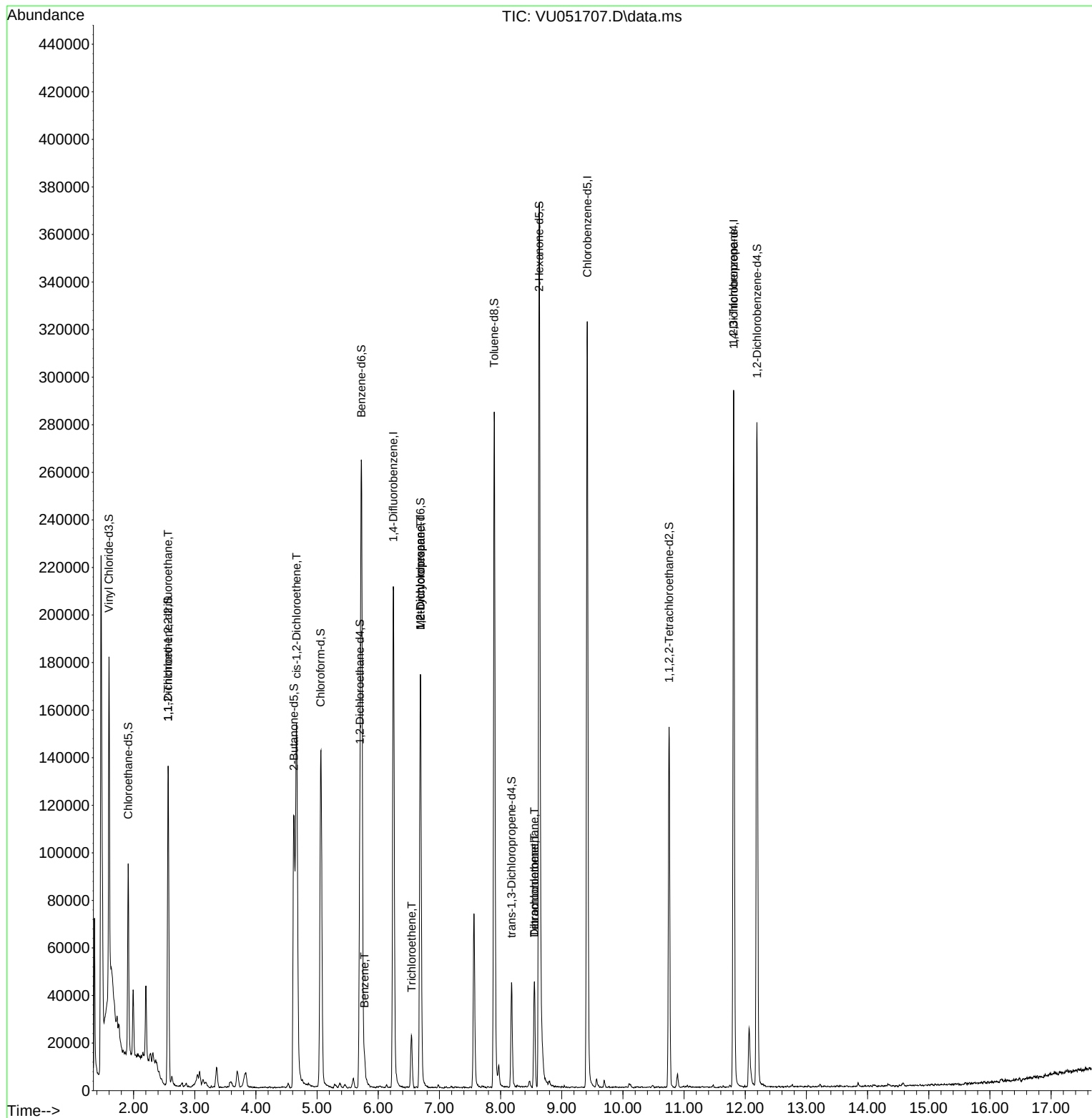
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	176139	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61316	4.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.912	69	60040	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.565	65	25283	5.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.620	46	165889	34.529	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.060%
24) Chloroform-d	5.060	84	135352	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.700	65	69497	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.726	84	257769	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.690	67	89006	4.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.896	98	199821	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.179	79	26390	4.102	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.632	63	126365	32.628	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.260%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	76604	3.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	76587	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	882	0.059	ug/L #	19
22) cis-1,2-Dichloroethene	4.665	96	78188	4.300	ug/L	98
33) Benzene	5.774	78	9223	0.123	ug/L	100
34) Trichloroethene	6.546	95	7755	0.427	ug/L	97
35) Methylcyclohexane	6.690	83	20015	0.797	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8700	0.450	ug/L #	89
47) Tetrachloroethene	8.552	164	10630	0.764	ug/L	97
49) Dibromochloromethane	8.552	129	9833	0.607	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	10000	0.941	ug/L #	67

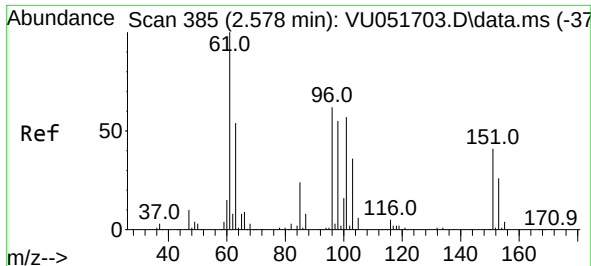
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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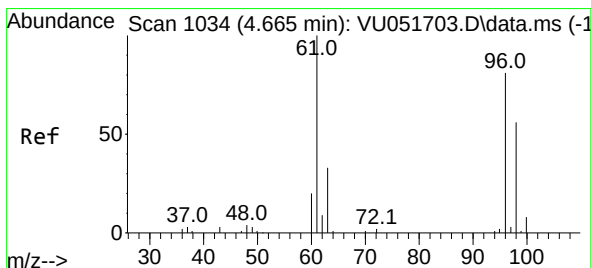
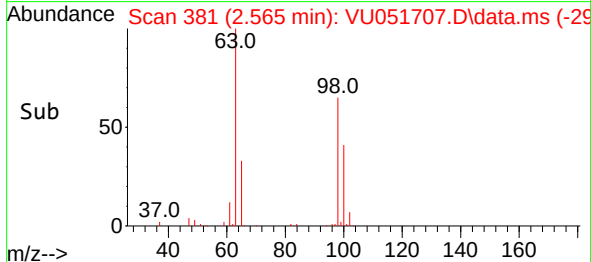
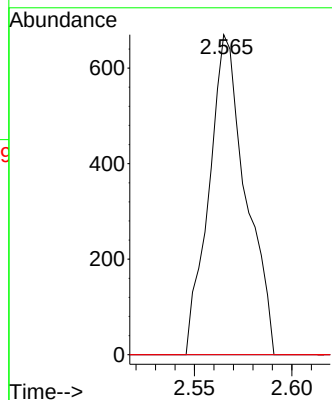
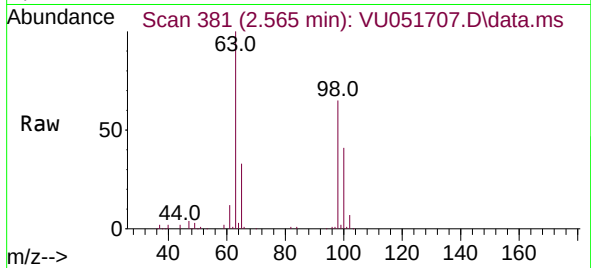




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051707.D
Acq: 02 Nov 2022 22:28

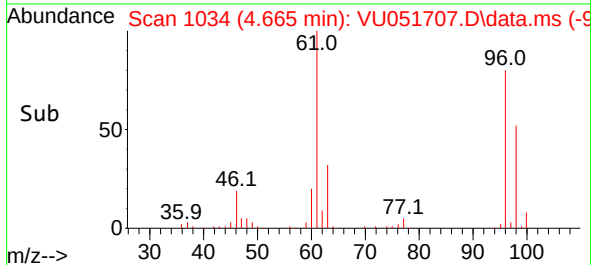
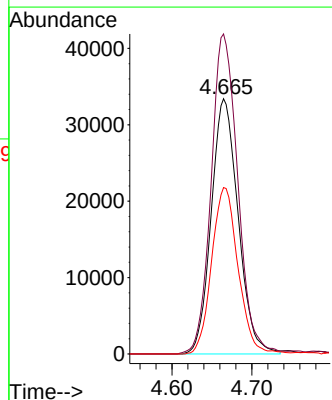
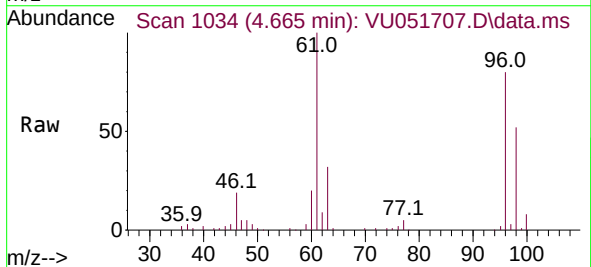
Instrument :
MSVOA_U
ClientSampleId :
DBXB2

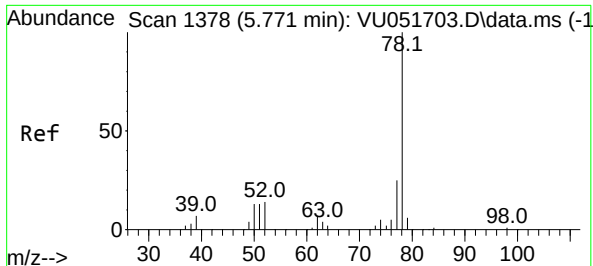
Tgt Ion:101 Resp: 882
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#22
cis-1,2-Dichloroethene
Concen: 4.300 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051707.D
Acq: 02 Nov 2022 22:28

Tgt Ion: 96 Resp: 78188
Ion Ratio Lower Upper
96 100
61 125.4 86.4 160.4
98 65.2 44.2 82.2

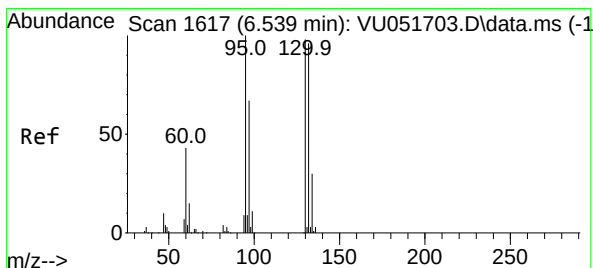
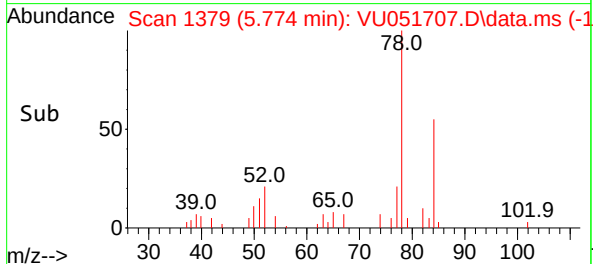
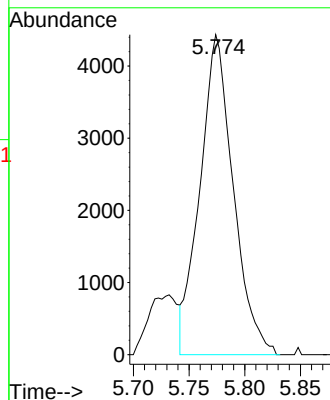
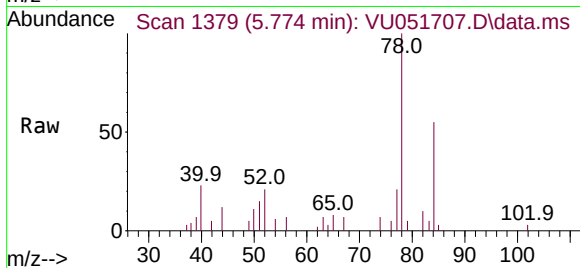




#33
Benzene
Concen: 0.123 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051707.D
Acq: 02 Nov 2022 22:28

Instrument :
MSVOA_U
ClientSampleId :
DBXB2

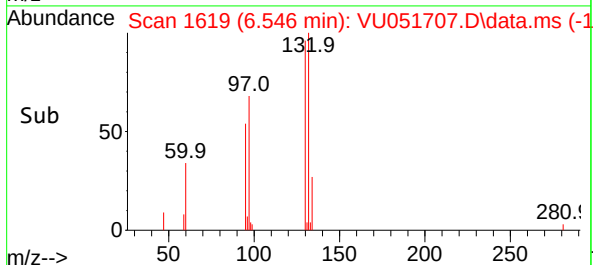
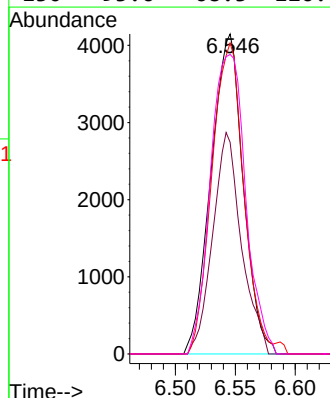
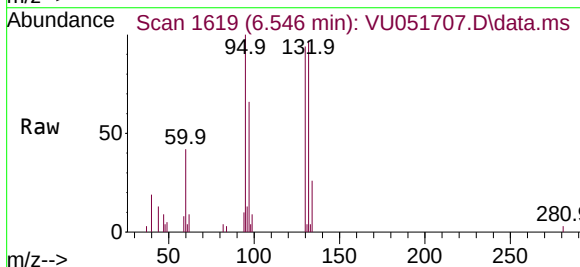
Tgt Ion: 78 Resp: 9223

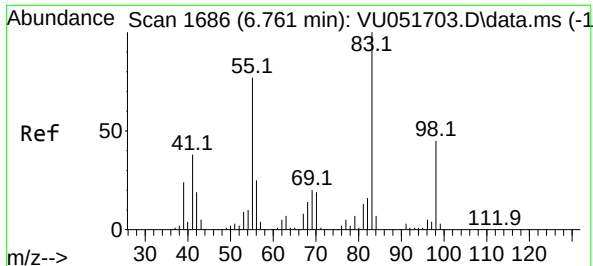


#34
Trichloroethene
Concen: 0.427 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VU051707.D
Acq: 02 Nov 2022 22:28

Tgt Ion: 95 Resp: 7755

Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.2	84.0
132	97.2	66.5	123.5
130	93.6	68.3	126.8





#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051707.D

Acq: 02 Nov 2022 22:28

Instrument :

MSVOA_U

ClientSampleId :

DBXB2

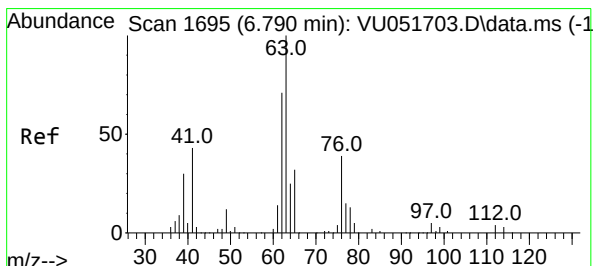
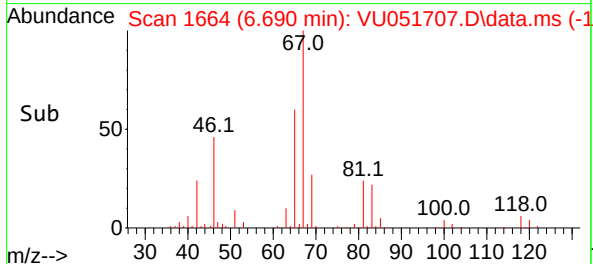
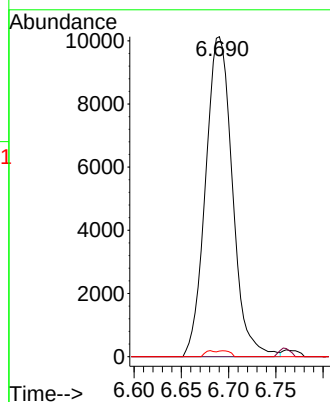
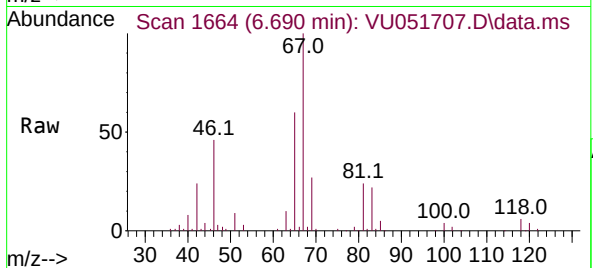
Tgt Ion: 83 Resp: 20015

Ion Ratio Lower Upper

83 100

55 1.1 60.6 90.8#

98 0.8 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.450 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051707.D

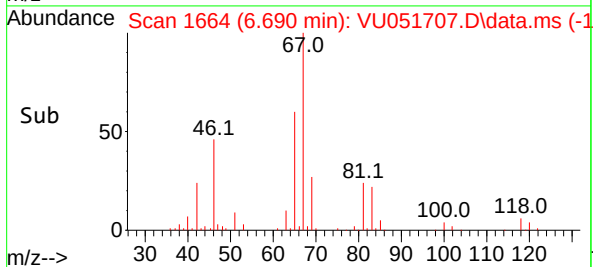
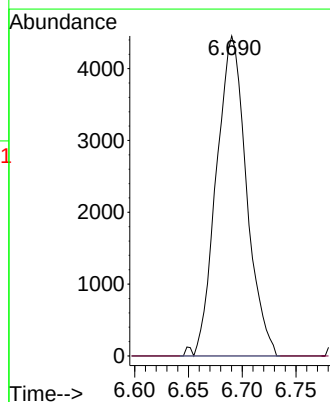
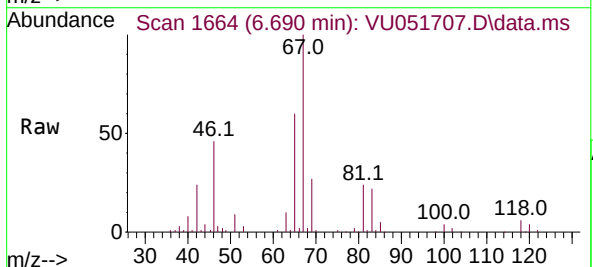
Acq: 02 Nov 2022 22:28

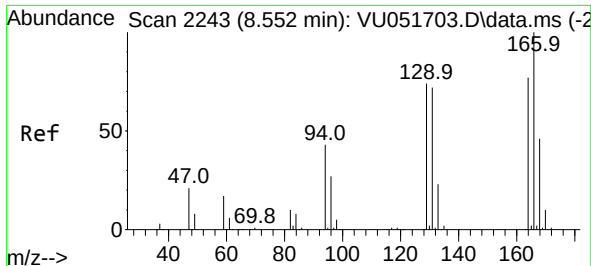
Tgt Ion: 63 Resp: 8700

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.764 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051707.D

Acq: 02 Nov 2022 22:28

Instrument :

MSVOA_U

ClientSampleId :

DBXB2

Tgt Ion:164 Resp: 10630

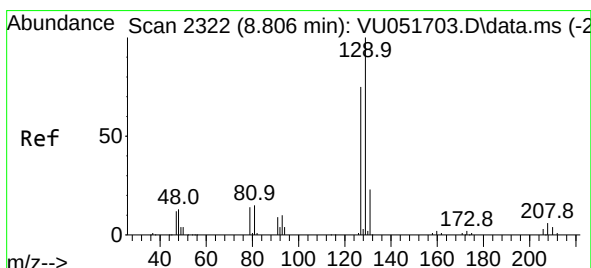
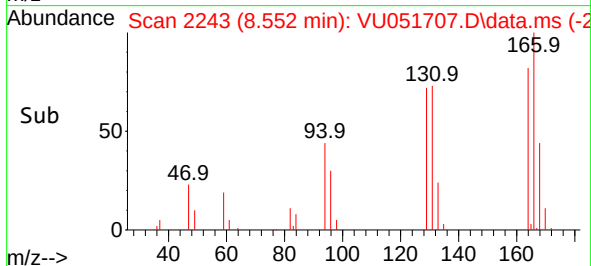
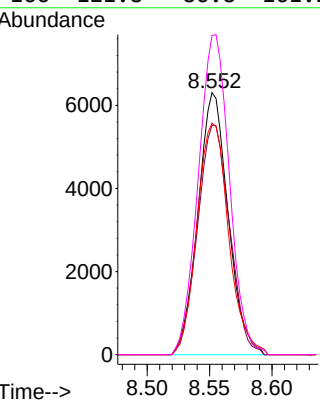
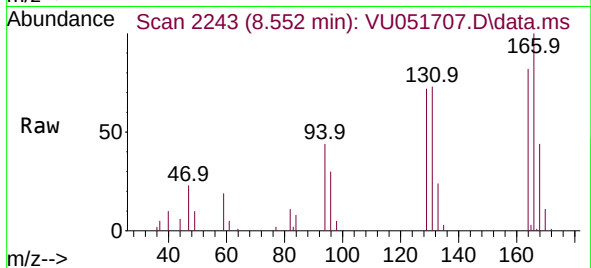
Ion Ratio Lower Upper

164 100

129 87.6 64.0 118.8

131 88.3 60.7 112.7

166 121.8 86.8 161.2



#49

Dibromochloromethane

Concen: 0.607 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051707.D

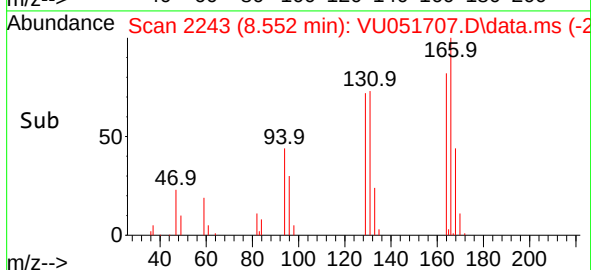
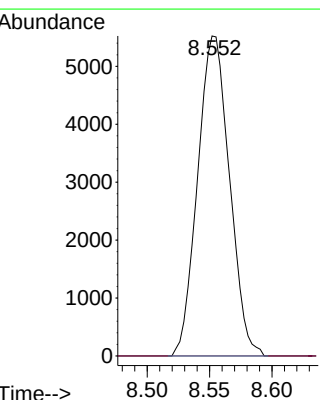
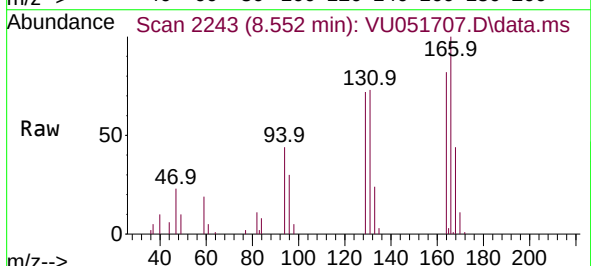
Acq: 02 Nov 2022 22:28

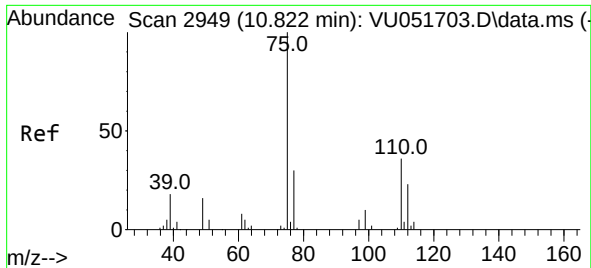
Tgt Ion:129 Resp: 9833

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#





#61

1,2,3-Trichloropropane

Concen: 0.941 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU051707.D

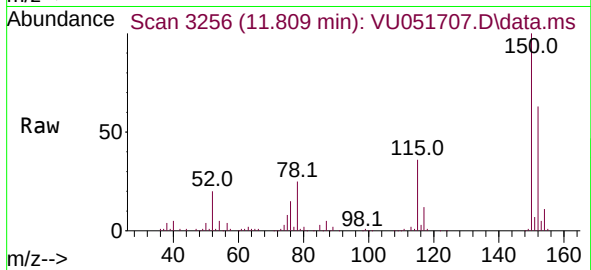
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Tgt Ion:	75	Resp:	10000
Ion	Ratio	Lower	Upper
75	100		
110	1.5	28.7	43.1#
77	35.3	26.1	39.1

