

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051619.D
 Acq On : 31 Oct 2022 18:25
 Operator : JC/MD
 Sample : N5353-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWR2

Quant Time: Nov 01 01:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

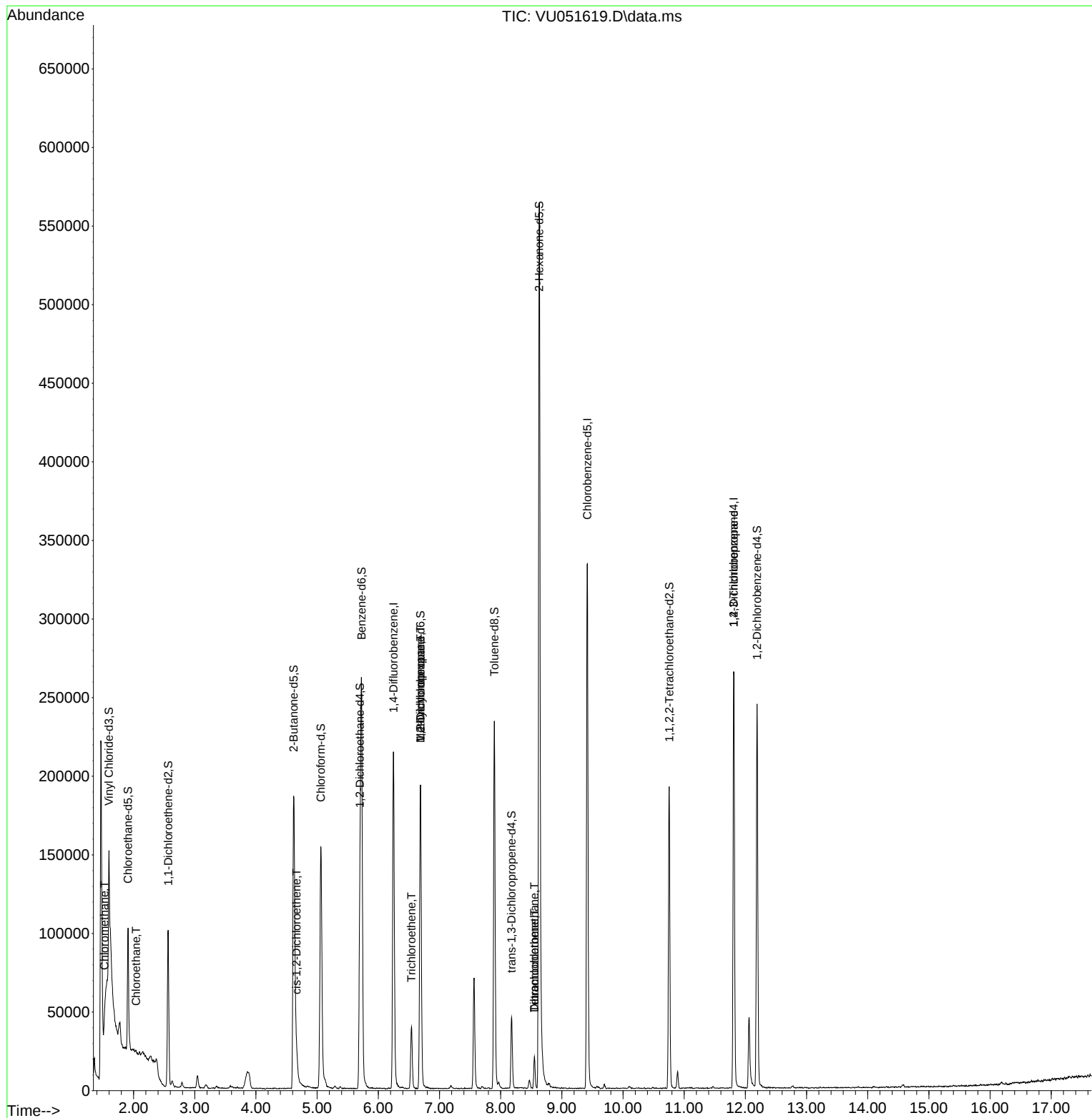
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	178130	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50370	3.755	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.909	69	60214	4.304	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.565	65	18718	3.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.800%	
20) 2-Butanone-d5	4.617	46	269017	55.368	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.740%	
24) Chloroform-d	5.060	84	146473	4.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.700	65	84757	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.726	84	245099	4.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	6.687	67	97713	4.591	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.896	98	163814	3.422	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	8.179	79	25921	3.983	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.629	63	187595	47.886	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.780%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	96803	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	68436	4.951	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	2950	0.120	ug/L	88
8) Chloroethane	2.041	64	2276	0.159	ug/L #	52
22) cis-1,2-Dichloroethene	4.662	96	5782	0.314	ug/L	96
34) Trichloroethene	6.543	95	13673	0.744	ug/L	96
35) Methylcyclohexane	6.687	83	22588	0.889	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9331	0.477	ug/L #	89
47) Tetrachloroethene	8.552	164	4826	0.343	ug/L	96
49) Dibromochloromethane	8.552	129	4184	0.255	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	8526	0.875	ug/L #	68

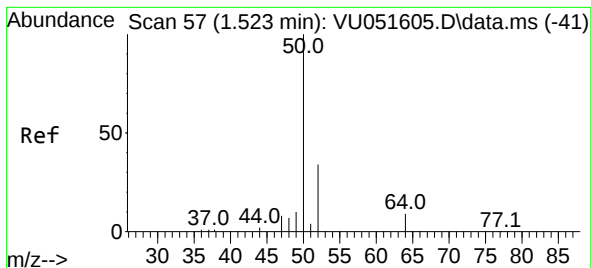
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.120 ug/L

RT: 1.523 min Scan# 5

Delta R.T. 0.000 min

Lab File: VU051619.D

Acq: 31 Oct 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

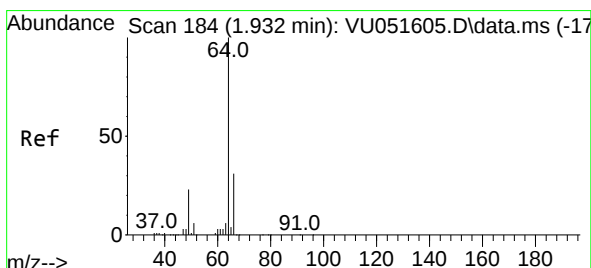
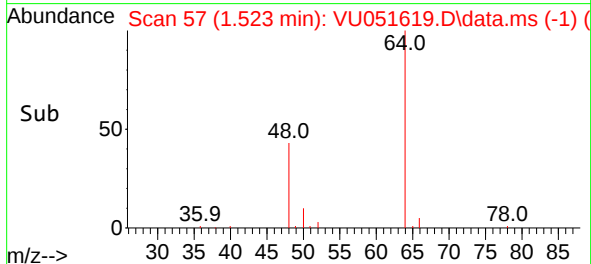
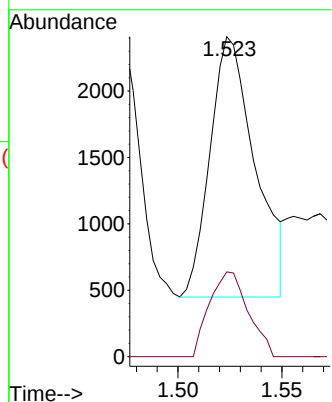
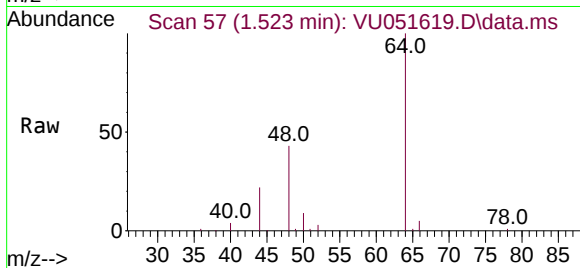
DBWR2

Tgt Ion: 50 Resp: 2950

Ion Ratio Lower Upper

50 100

52 26.5 23.2 43.2



#8

Chloroethane

Concen: 0.159 ug/L

RT: 2.041 min Scan# 218

Delta R.T. 0.110 min

Lab File: VU051619.D

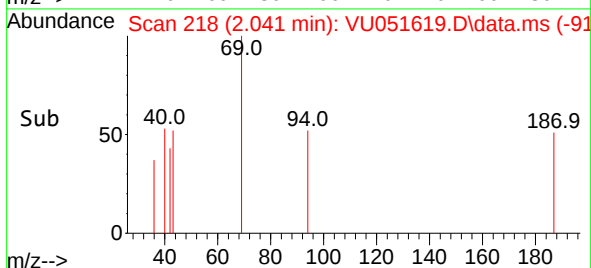
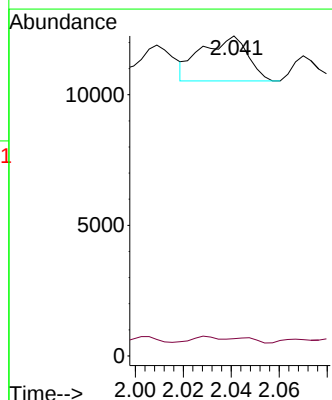
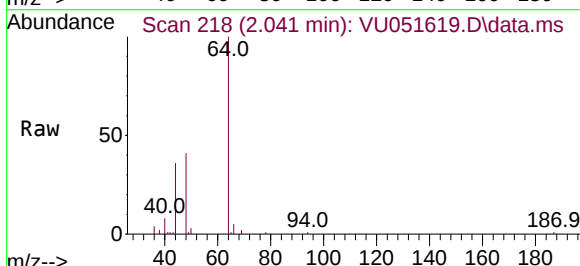
Acq: 31 Oct 2022 18:25

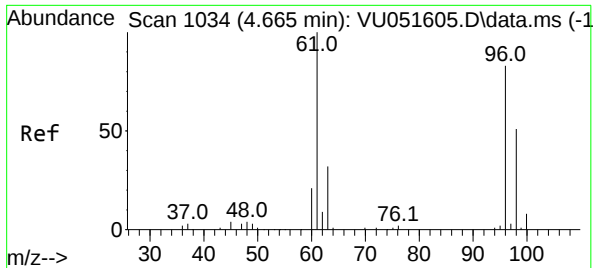
Tgt Ion: 64 Resp: 2276

Ion Ratio Lower Upper

64 100

66 5.4 22.3 41.5#





#22

cis-1,2-Dichloroethene

Concen: 0.314 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU051619.D

Acq: 31 Oct 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

DBWR2

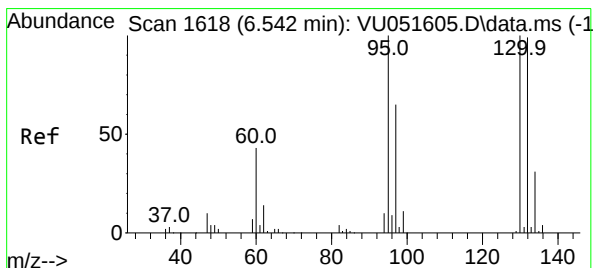
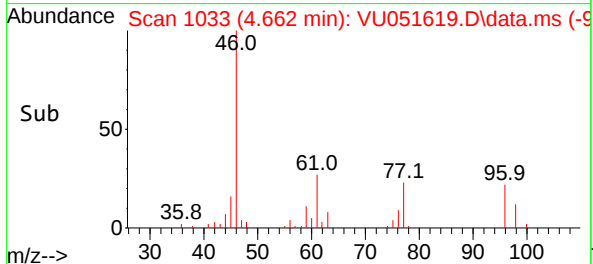
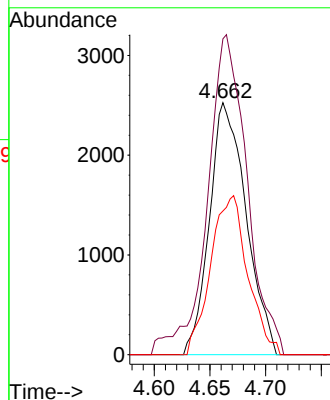
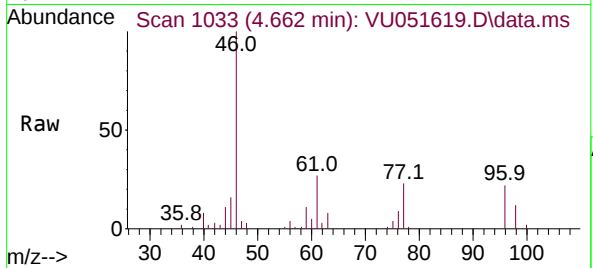
Tgt Ion: 96 Resp: 5782

Ion Ratio Lower Upper

96 100

61 125.4 86.4 160.4

98 57.0 44.2 82.2



#34

Trichloroethene

Concen: 0.744 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU051619.D

Acq: 31 Oct 2022 18:25

Tgt Ion: 95 Resp: 13673

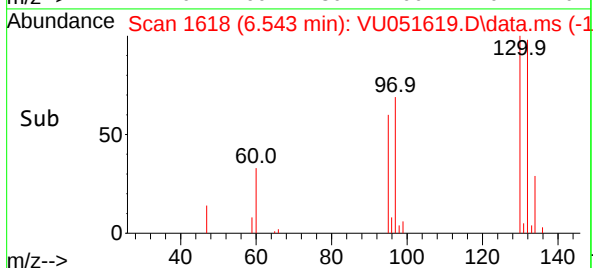
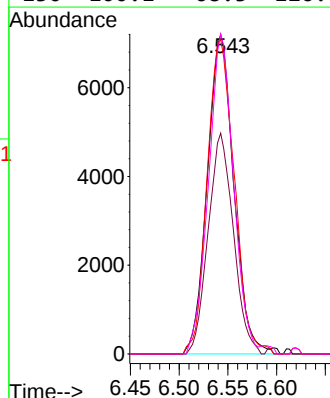
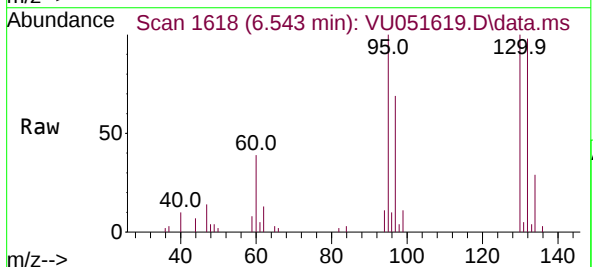
Ion Ratio Lower Upper

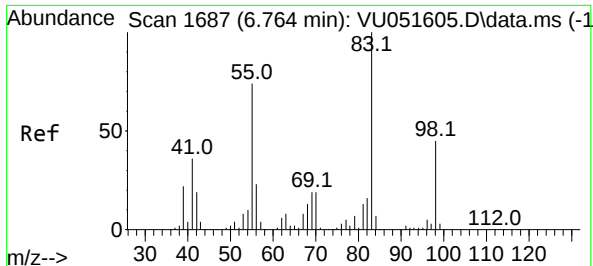
95 100

97 69.1 45.2 84.0

132 98.4 66.5 123.5

130 100.1 68.3 126.8





#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU051619.D

Acq: 31 Oct 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

DBWR2

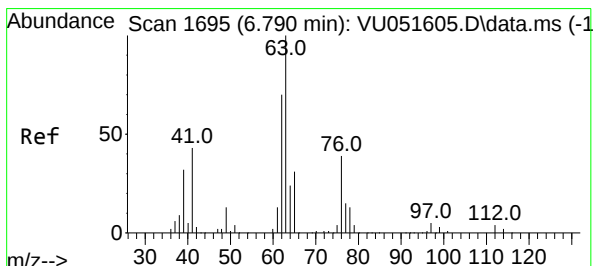
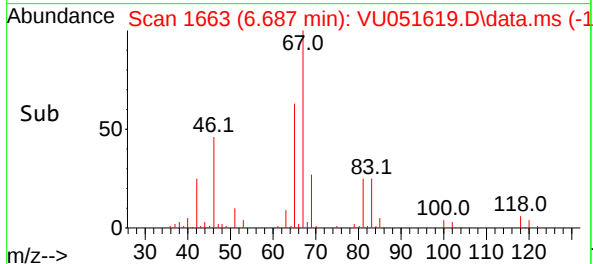
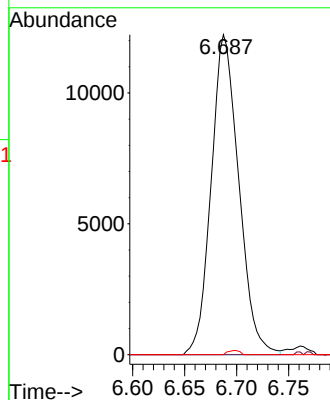
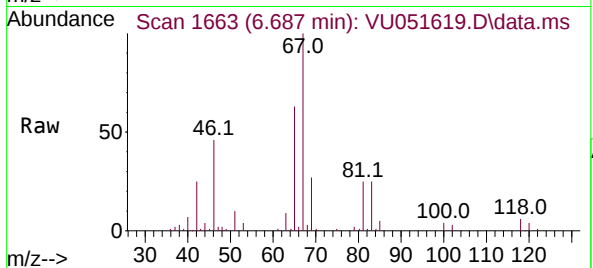
Tgt Ion: 83 Resp: 22588

Ion Ratio Lower Upper

83 100

55 0.2 60.6 90.8#

98 0.6 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.099 min

Lab File: VU051619.D

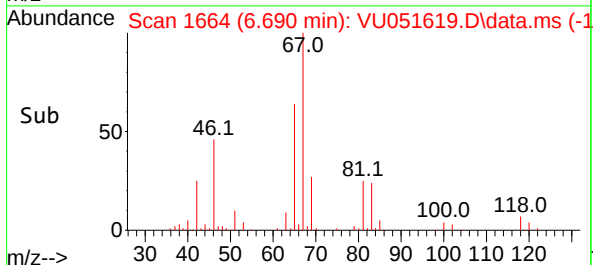
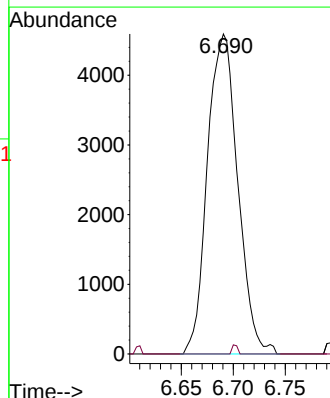
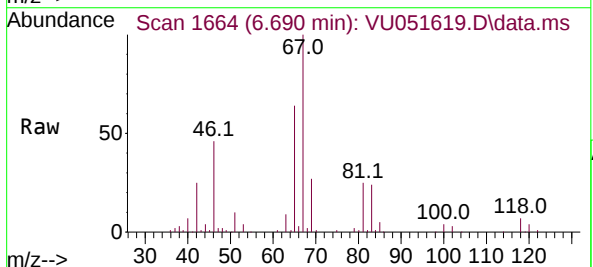
Acq: 31 Oct 2022 18:25

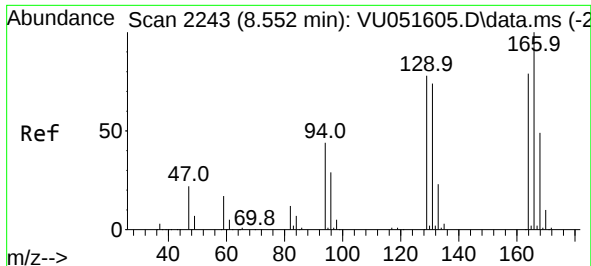
Tgt Ion: 63 Resp: 9331

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.343 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051619.D

Acq: 31 Oct 2022 18:25

Instrument :

MSVOA_U

ClientSampleId :

DBWR2

Tgt Ion:164 Resp: 4826

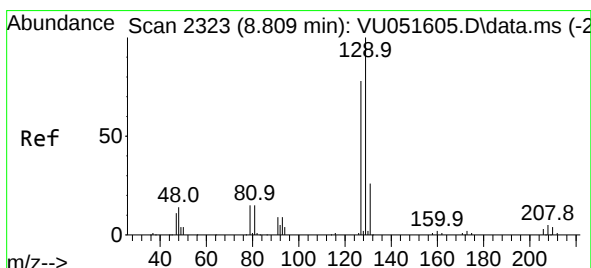
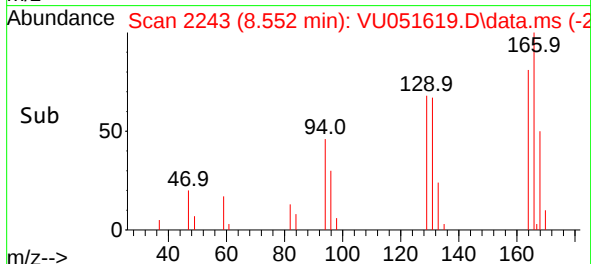
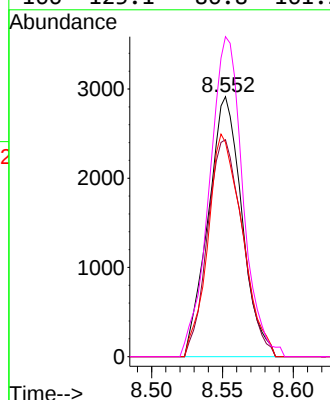
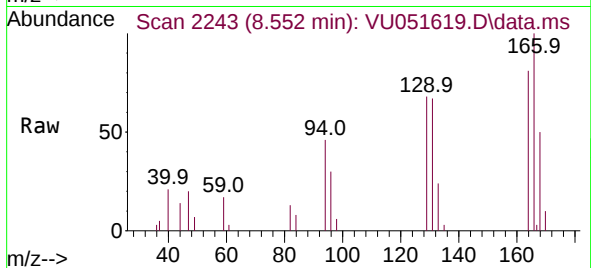
Ion Ratio Lower Upper

164 100

129 83.4 64.0 118.8

131 82.4 60.7 112.7

166 123.1 86.8 161.2



#49

Dibromochloromethane

Concen: 0.255 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051619.D

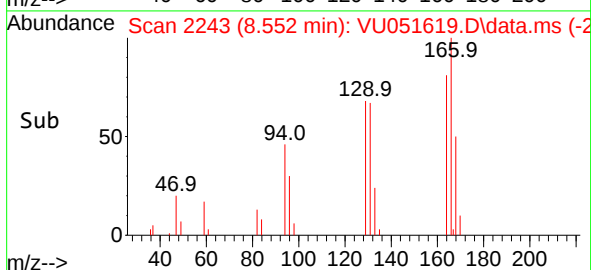
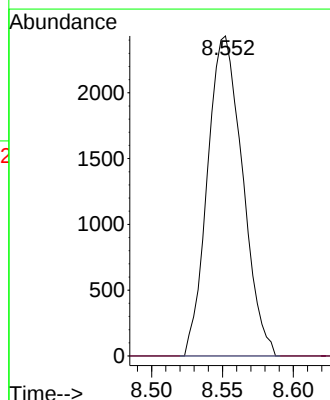
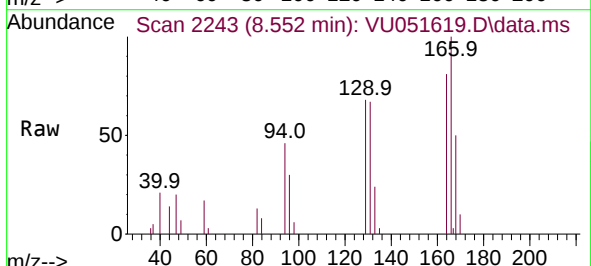
Acq: 31 Oct 2022 18:25

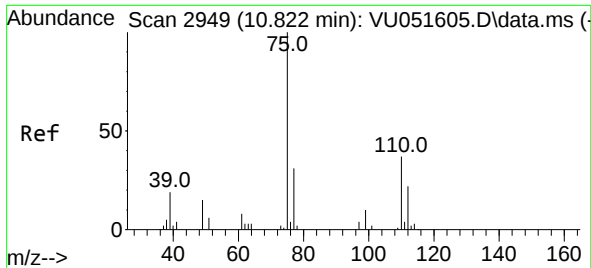
Tgt Ion:129 Resp: 4184

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#





#61

1,2,3-Trichloropropane

Concen: 0.875 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU051619.D

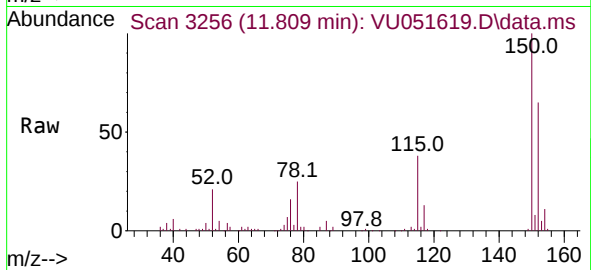
Acq: 31 Oct 2022 18:25

Instrument :

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Tgt Ion: 75 Resp: 8526

Ion Ratio Lower Upper

75 100

110 1.2 28.7 43.1#

77 34.2 26.1 39.1

