

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052980.D
 Acq On : 06 Feb 2023 15:05
 Operator : JC/MD
 Sample : 01444-05 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM09

Quant Time: Feb 07 01:06:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

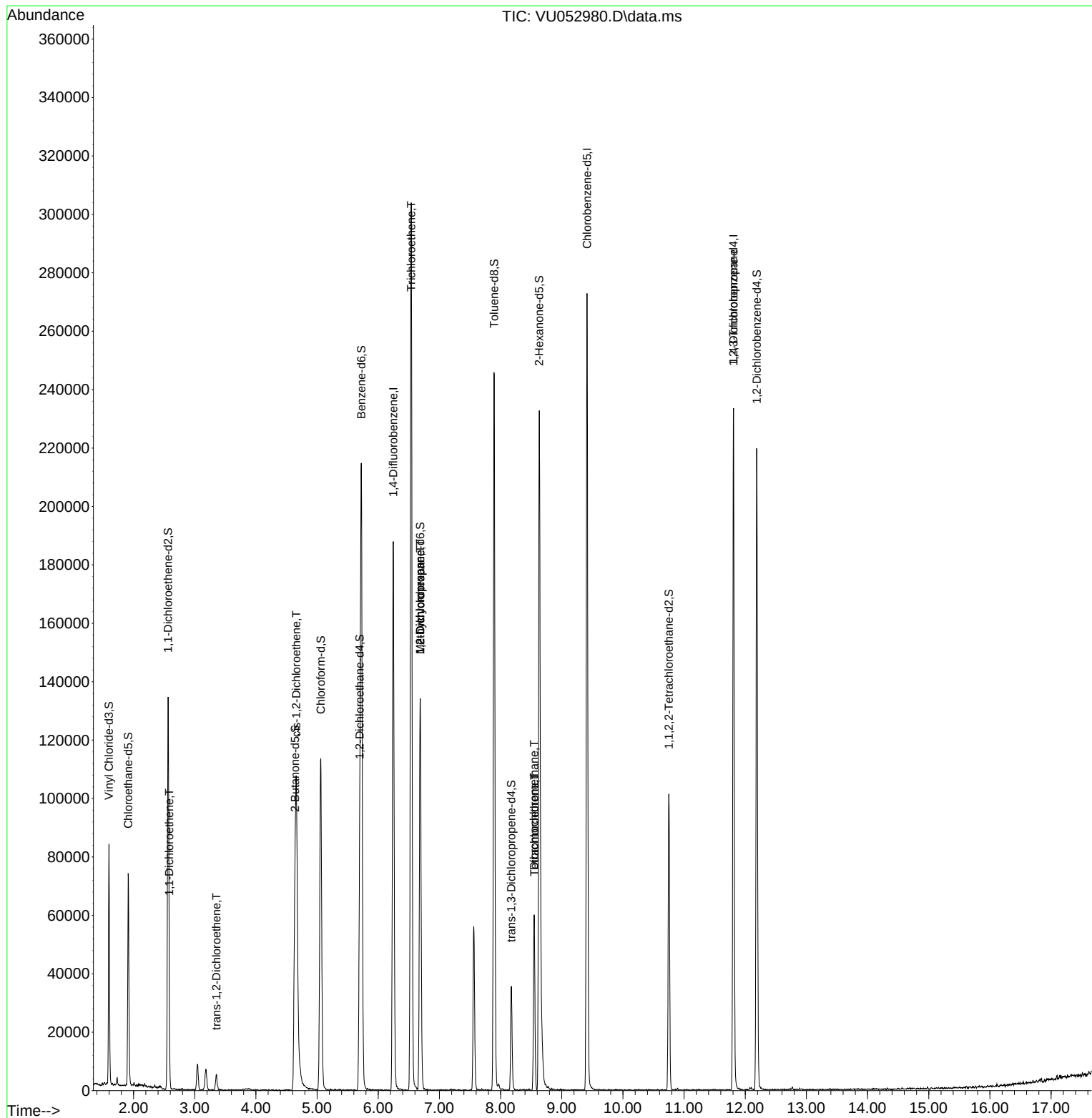
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	159358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57868	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.913	69	54113	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.565	65	24840	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.639	46	114355	30.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.100%
24) Chloroform-d	5.060	84	110119	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.697	65	54721	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.723	84	214090	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.687	67	66706	3.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.893	98	172324	3.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.176	79	21672	3.344	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.633	63	79310	29.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51343	3.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	62389	5.107	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	2447	0.177	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	2594	0.184	ug/L #	71
22) cis-1,2-Dichloroethene	4.662	96	32922	2.176	ug/L	88
34) Trichloroethene	6.539	95	104568	6.922	ug/L	91
35) Methylcyclohexane	6.687	83	16148	0.647	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	6638	0.387	ug/L #	89
47) Tetrachloroethene	8.552	164	14112	1.268	ug/L	94
49) Dibromochloromethane	8.549	129	13072	1.049	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	7380	0.946	ug/L #	70

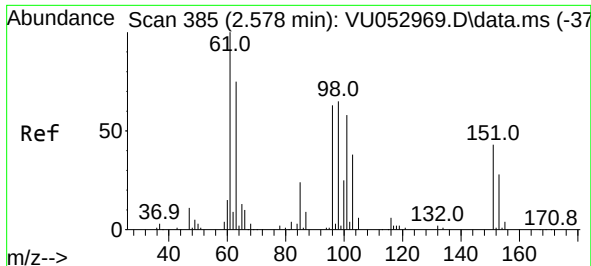
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.177 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU052980.D

Acq: 06 Feb 2023 15:05

Instrument :

MSVOA_U

ClientSampleId :

COM09

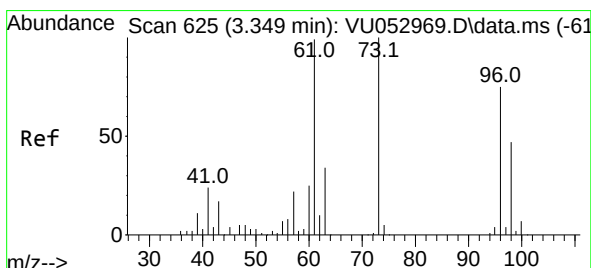
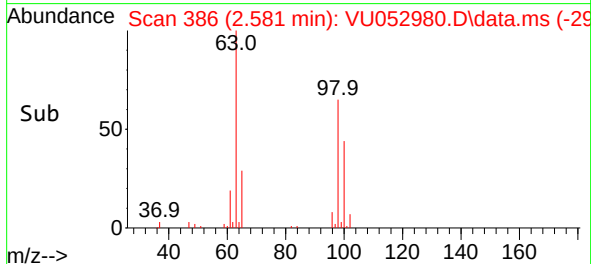
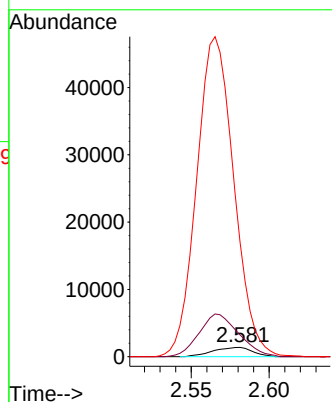
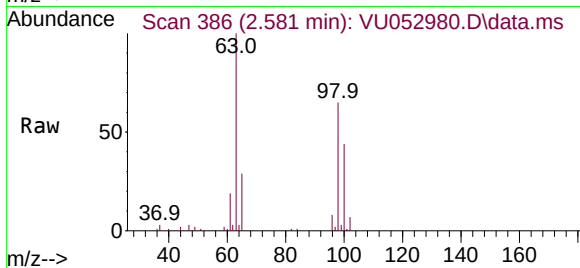
Tgt Ion: 96 Resp: 2447

Ion Ratio Lower Upper

96 100

61 232.4 129.6 240.8

63 1225.6 83.7 155.5#



#18

trans-1,2-Dichloroethene

Concen: 0.184 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.007 min

Lab File: VU052980.D

Acq: 06 Feb 2023 15:05

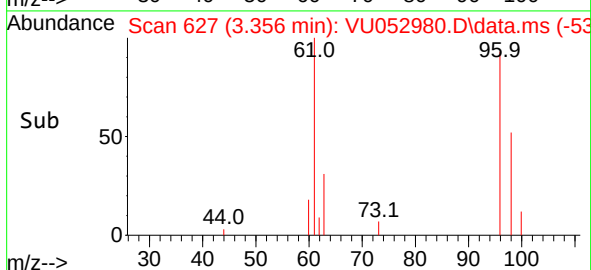
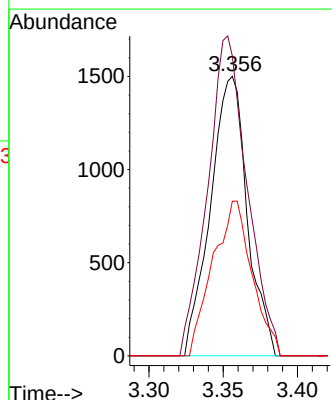
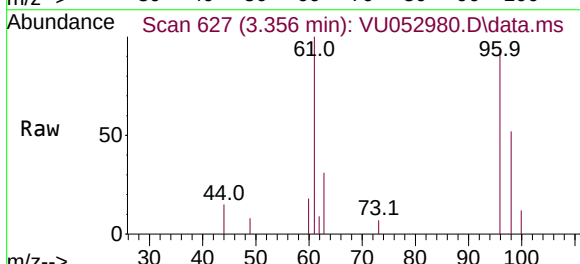
Tgt Ion: 96 Resp: 2594

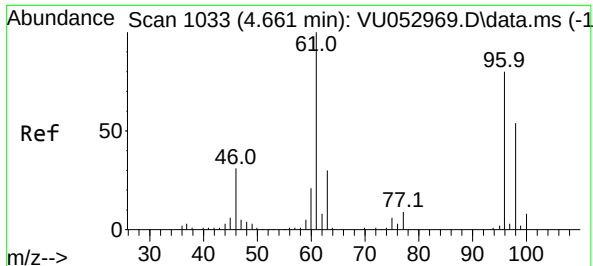
Ion Ratio Lower Upper

96 100

61 107.2 108.4 201.4#

98 55.3 43.8 81.4



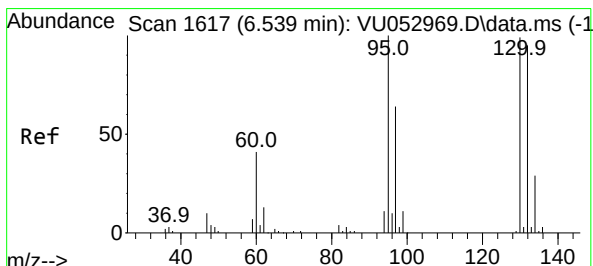
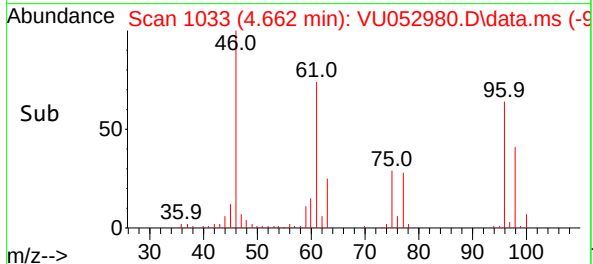
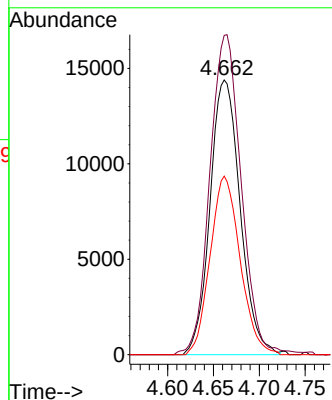
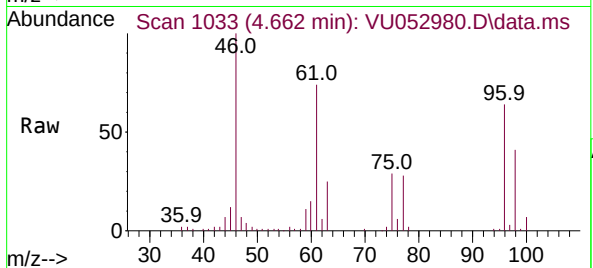


#22
 cis-1,2-Dichloroethene
 Concen: 2.176 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052980.D
 Acq: 06 Feb 2023 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 COM09

Tgt Ion: 96 Resp: 32922

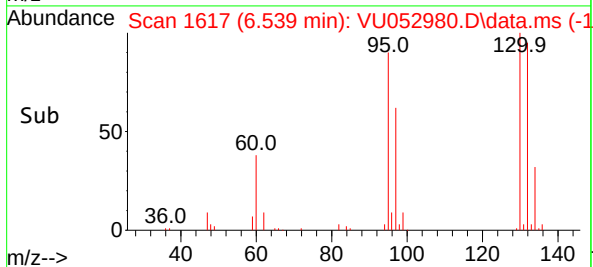
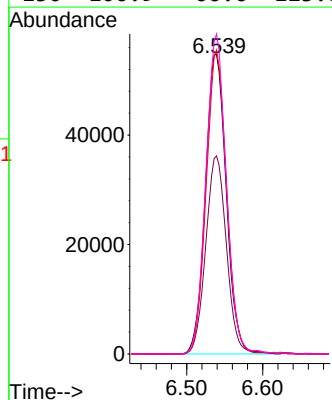
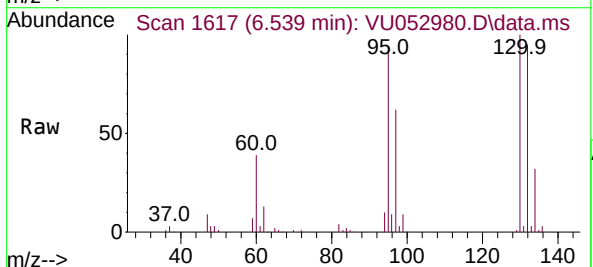
Ion	Ratio	Lower	Upper
96	100		
61	116.3	94.6	175.8
98	65.0	43.3	80.3

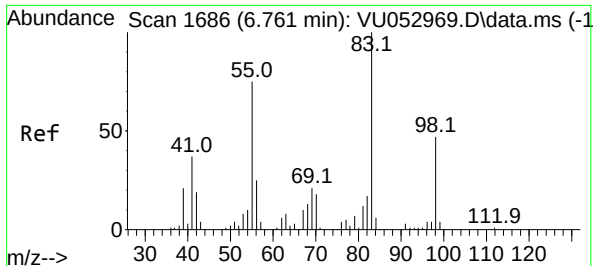


#34
 Trichloroethene
 Concen: 6.922 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU052980.D
 Acq: 06 Feb 2023 15:05

Tgt Ion: 95 Resp: 104568

Ion	Ratio	Lower	Upper
95	100		
97	66.2	46.0	85.4
132	101.5	64.0	118.8
130	106.9	66.6	123.8





#35

Methylcyclohexane

Concen: 0.647 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052980.D

Acq: 06 Feb 2023 15:05

Instrument :

MSVOA_U

ClientSampleId :

COM09

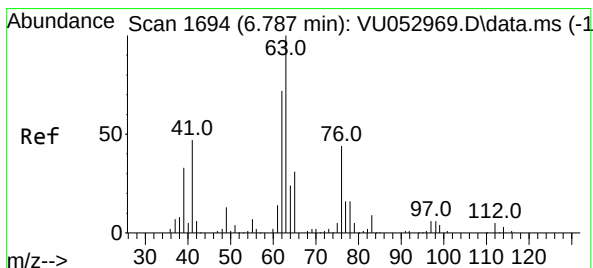
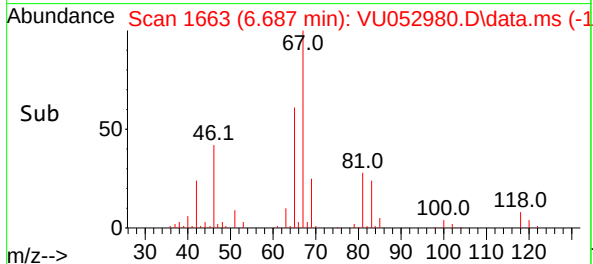
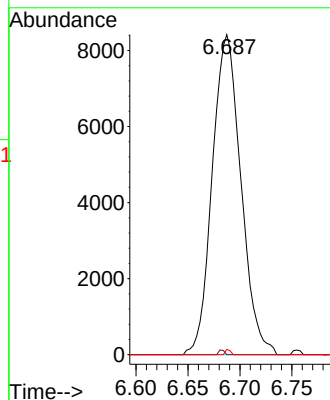
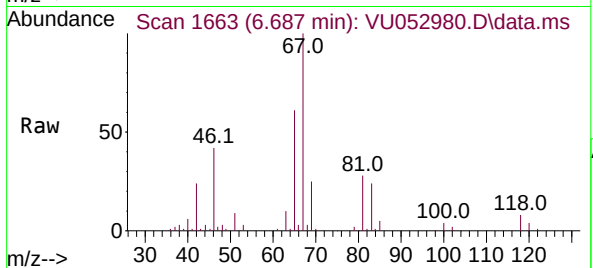
Tgt Ion: 83 Resp: 16148

Ion Ratio Lower Upper

83 100

55 0.3 67.6 101.4#

98 0.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.387 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052980.D

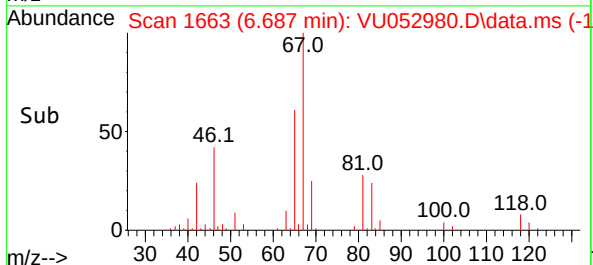
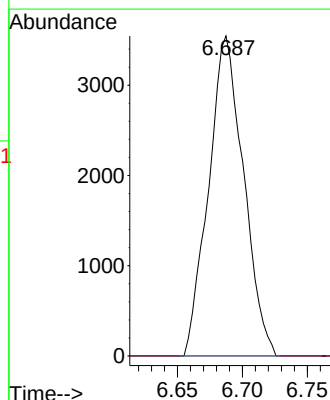
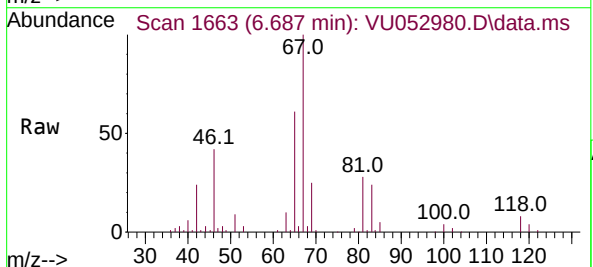
Acq: 06 Feb 2023 15:05

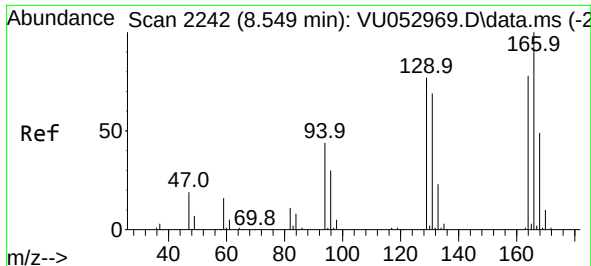
Tgt Ion: 63 Resp: 6638

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#





#47

Tetrachloroethene

Concen: 1.268 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052980.D

Acq: 06 Feb 2023 15:05

Instrument :

MSVOA_U

ClientSampleId :

COM09

Tgt Ion:164 Resp: 14112

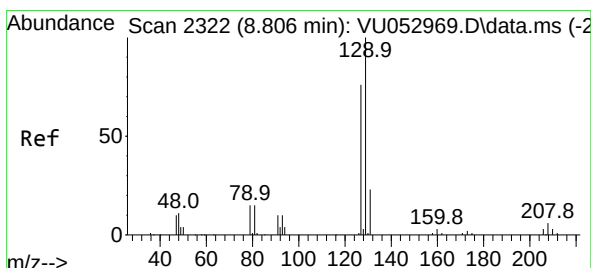
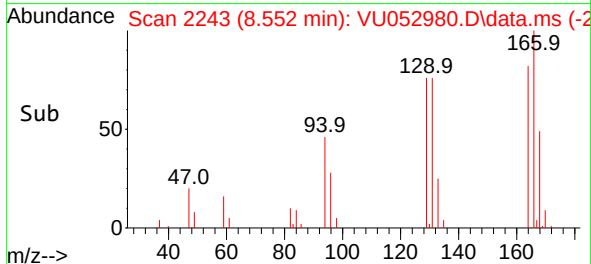
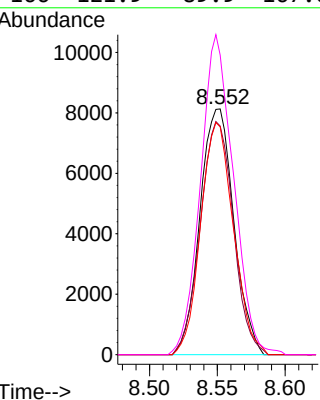
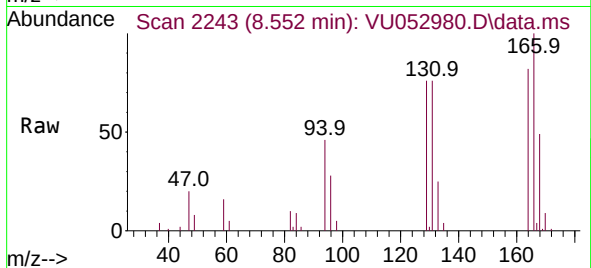
Ion Ratio Lower Upper

164 100

129 93.0 71.8 133.4

131 92.7 66.6 123.6

166 121.9 89.9 167.0



#49

Dibromochloromethane

Concen: 1.049 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU052980.D

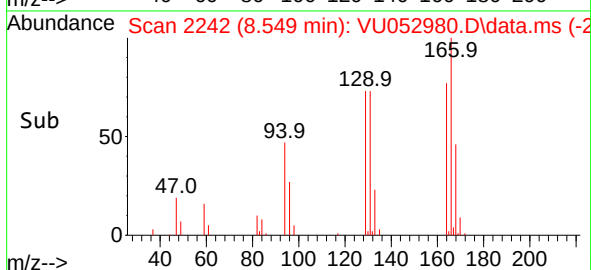
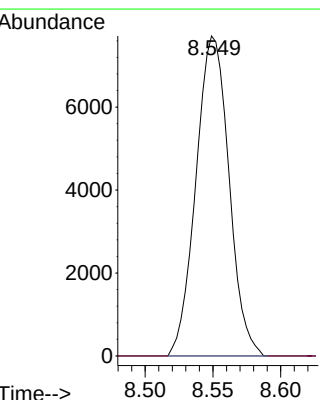
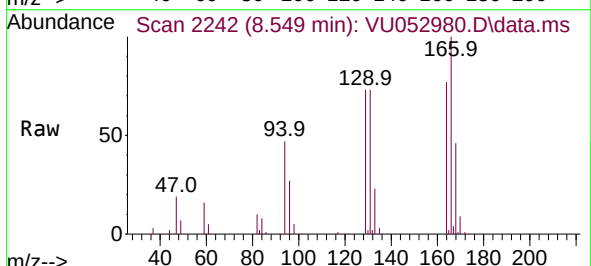
Acq: 06 Feb 2023 15:05

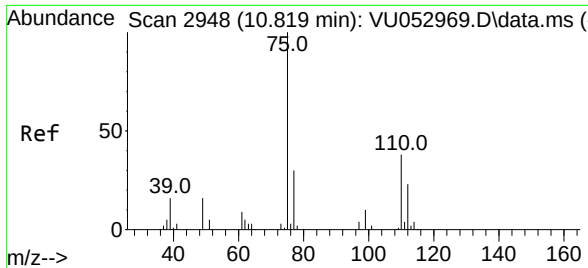
Tgt Ion:129 Resp: 13072

Ion Ratio Lower Upper

129 100

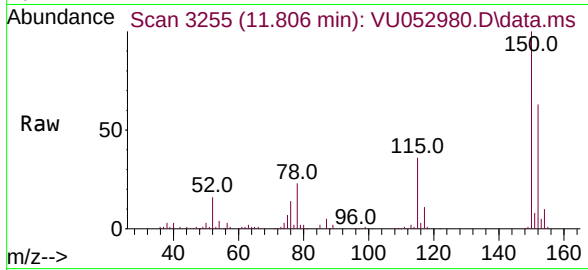
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.946 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052980.D
 Acq: 06 Feb 2023 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 7380

Ion	Ratio	Lower	Upper
75	100		
110	2.5	27.2	40.8#
77	31.2	24.0	36.0

