

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051613.D
 Acq On : 31 Oct 2022 15:54
 Operator : JC/MD
 Sample : N5353-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

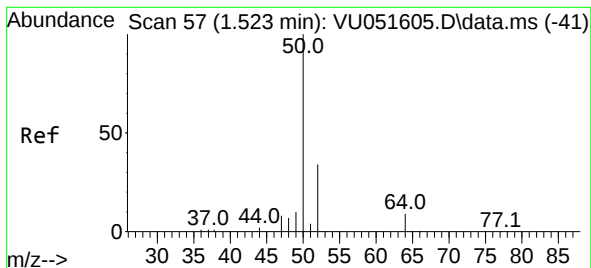
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWX5

Quant Time: Nov 01 01:27:42 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	6.247	114	182439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78665	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54730	3.983	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.909	69	62471	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	20412	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.617	46	276146	55.493	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	5.060	84	145601	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	84187	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.726	84	253177	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.687	67	97786	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	169666	3.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.179	79	26282	4.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.629	63	197195	50.901	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	97797	5.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	70352	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	6952	0.276	ug/L #	75
8) Chloroethane	1.871	64	3350	0.229	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	755	0.049	ug/L #	19
22) cis-1,2-Dichloroethene	4.665	96	1515	0.080	ug/L	88
34) Trichloroethene	6.542	95	13032	0.717	ug/L	94
35) Methylcyclohexane	6.687	83	22030	0.877	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9407	0.486	ug/L #	88
47) Tetrachloroethene	8.555	164	14615	1.051	ug/L	98
49) Dibromochloromethane	8.552	129	13764	0.849	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9924	0.976	ug/L #	70
67) 1,2-Dichlorobenzene	12.211	146	2527	0.091	ug/L	97

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



#3

Chloromethane

Concen: 0.276 ug/L

RT: 1.523 min Scan# 51

Delta R.T. 0.000 min

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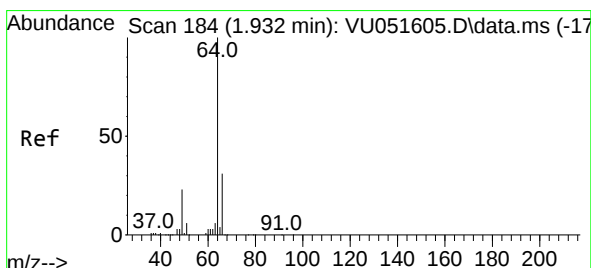
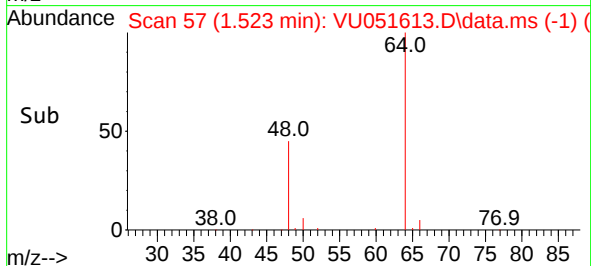
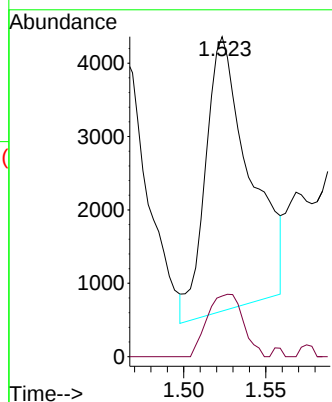
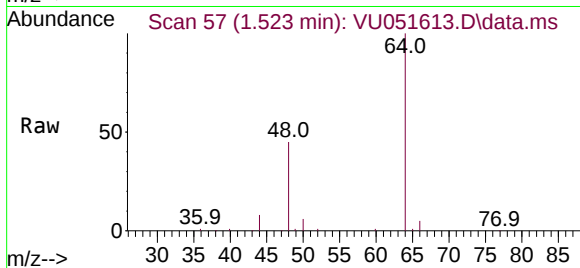
DBWX5

Tgt Ion: 50 Resp: 6952

Ion Ratio Lower Upper

50 100

52 18.9 23.2 43.2#



#8

Chloroethane

Concen: 0.229 ug/L

RT: 1.871 min Scan# 165

Delta R.T. -0.061 min

Lab File: VU051613.D

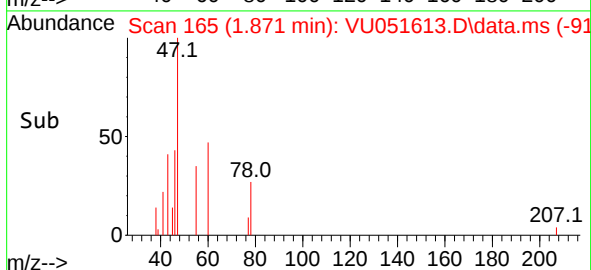
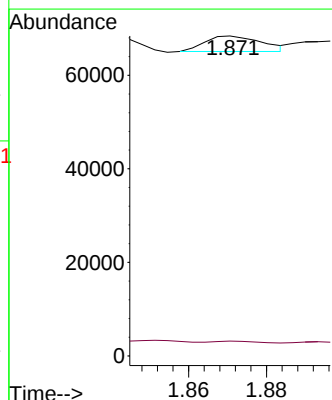
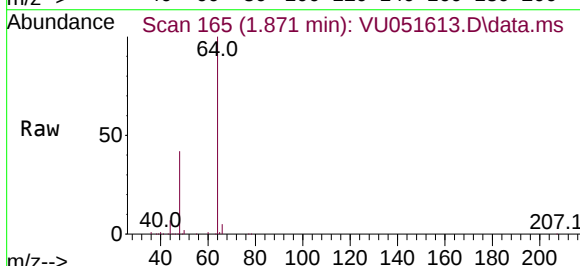
Acq: 31 Oct 2022 15:54

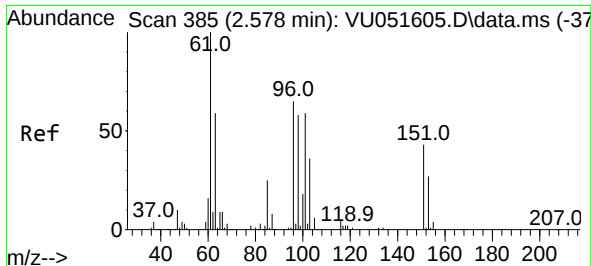
Tgt Ion: 64 Resp: 3350

Ion Ratio Lower Upper

64 100

66 4.7 22.3 41.5#

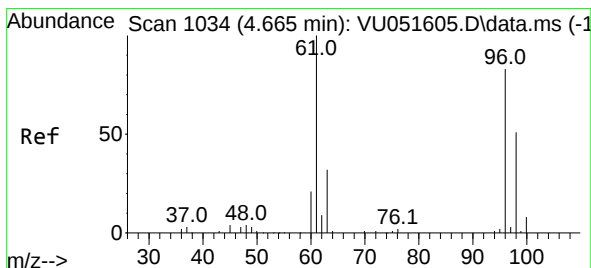
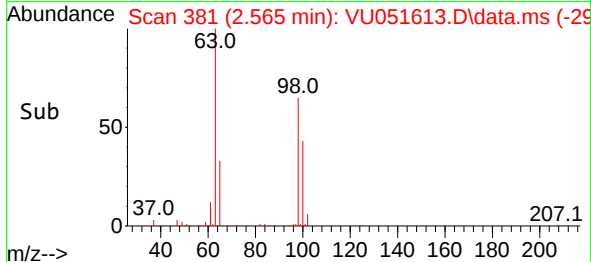
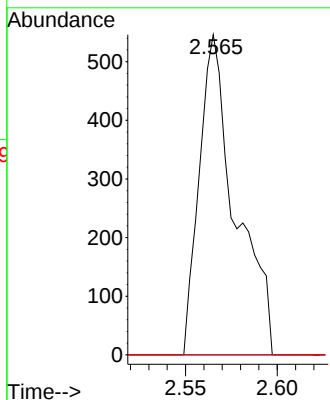
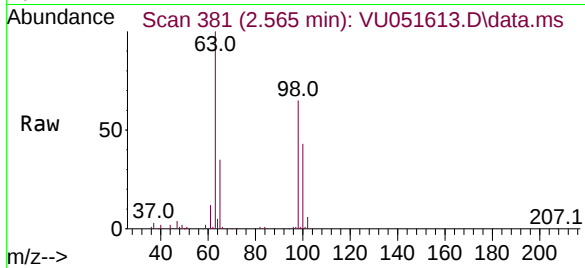




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051613.D
Acq: 31 Oct 2022 15:54

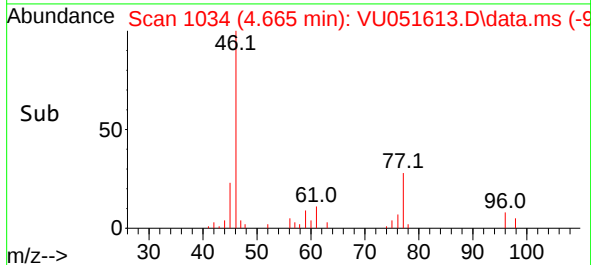
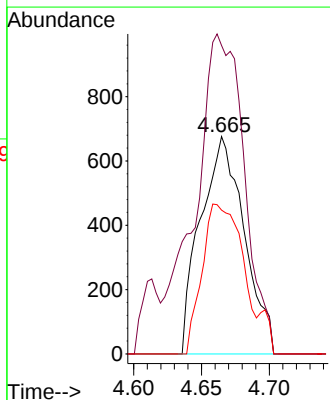
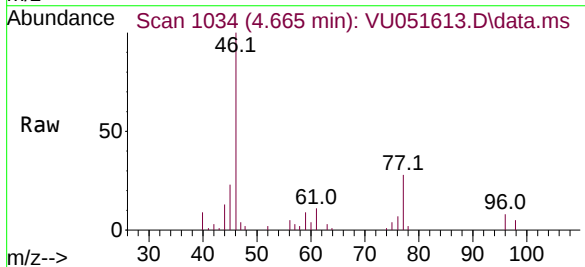
Instrument :
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DBWX5

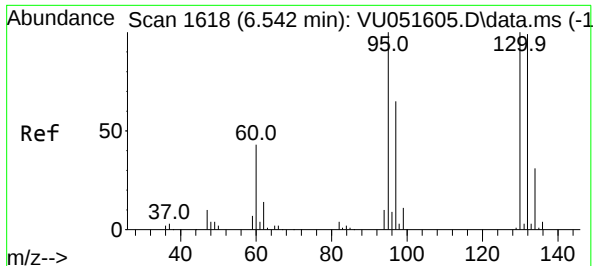
Tgt Ion:101 Resp: 755
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#22
cis-1,2-Dichloroethene
Concen: 0.080 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051613.D
Acq: 31 Oct 2022 15:54

Tgt Ion: 96 Resp: 1515
Ion Ratio Lower Upper
96 100
61 141.9 86.4 160.4
98 66.1 44.2 82.2

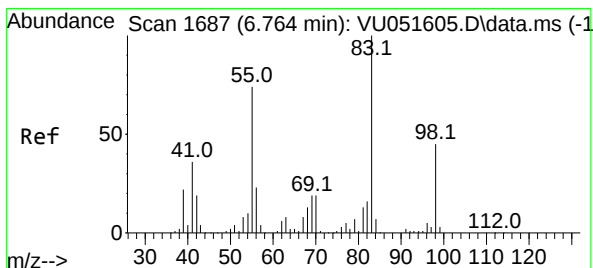
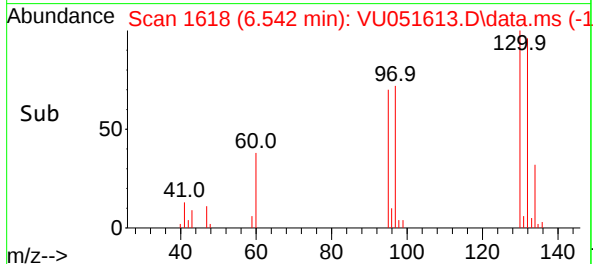
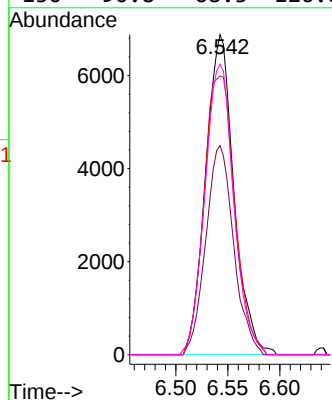
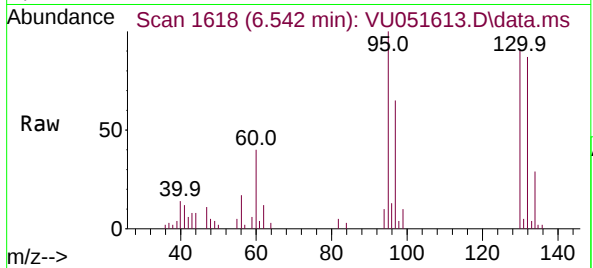




#34
Trichloroethene
Concen: 0.717 ug/L
RT: 6.542 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VU051613.D
Acq: 31 Oct 2022 15:54

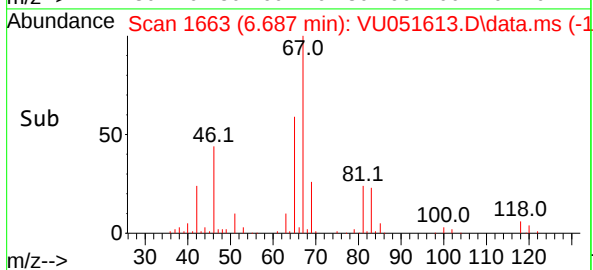
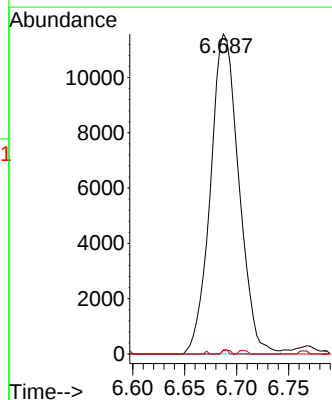
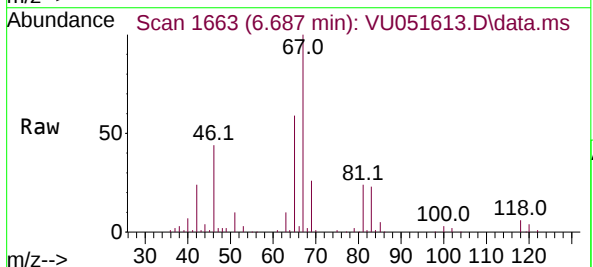
Instrument :
MSVOA_U
ClientSampleId :
DBWX5

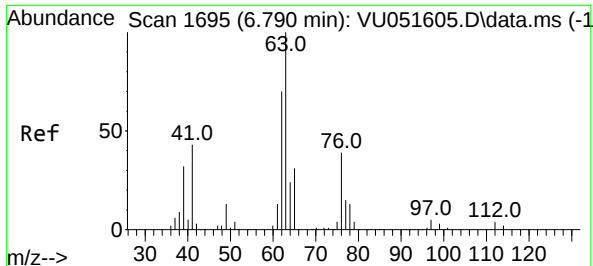
Tgt Ion: 95 Resp: 13032
Ion Ratio Lower Upper
95 100
97 65.4 45.2 84.0
132 87.1 66.5 123.5
130 90.8 68.3 126.8



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU051613.D
Acq: 31 Oct 2022 15:54

Tgt Ion: 83 Resp: 22030
Ion Ratio Lower Upper
83 100
55 0.3 60.6 90.8#
98 0.3 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.486 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051613.D

Acq: 31 Oct 2022 15:54

Instrument :

MSVOA_U

ClientSampleId :

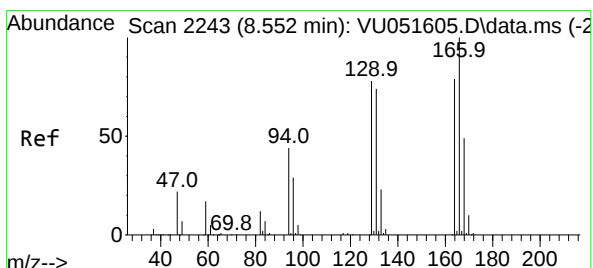
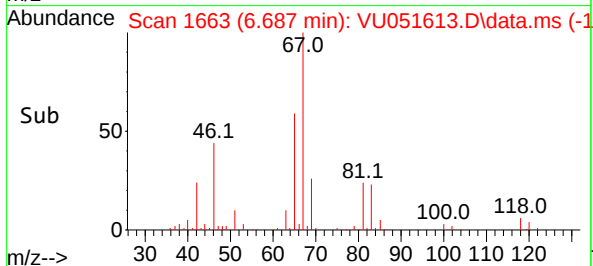
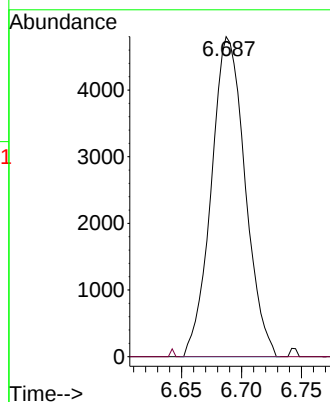
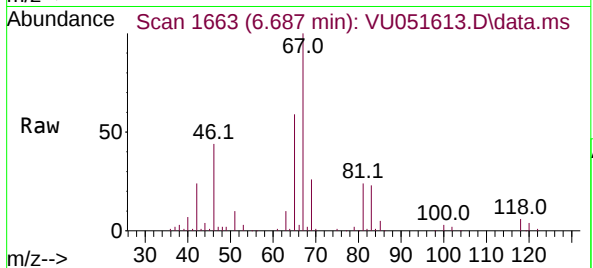
DBWX5

Tgt Ion: 63 Resp: 9407

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 1.051 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU051613.D

Acq: 31 Oct 2022 15:54

Tgt Ion: 164 Resp: 14615

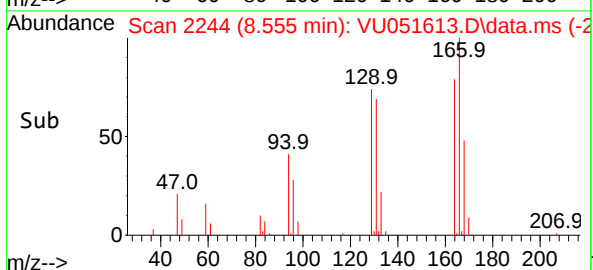
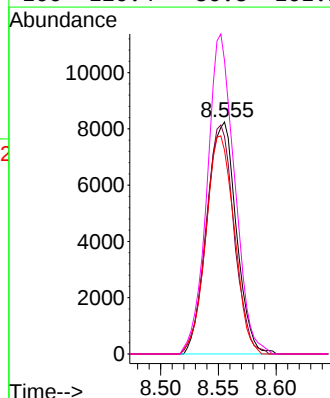
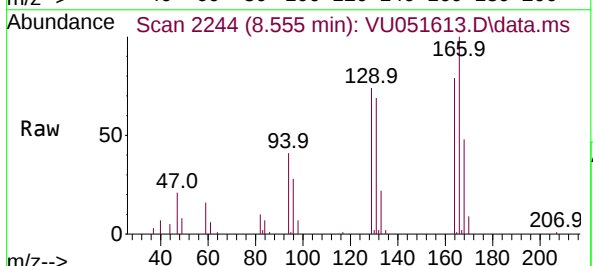
Ion Ratio Lower Upper

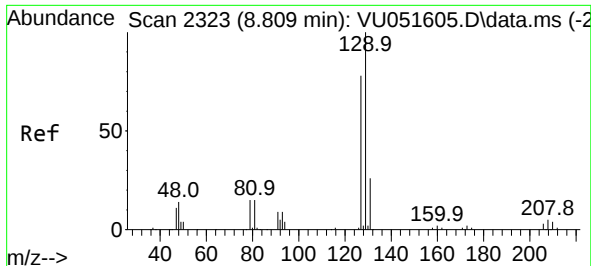
164 100

129 93.7 64.0 118.8

131 87.8 60.7 112.7

166 126.4 86.8 161.2





#49

Dibromochloromethane

Concen: 0.849 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051613.D

Acq: 31 Oct 2022 15:54

Instrument :

MSVOA_U

ClientSampleId :

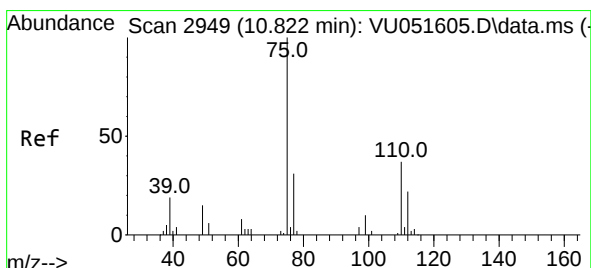
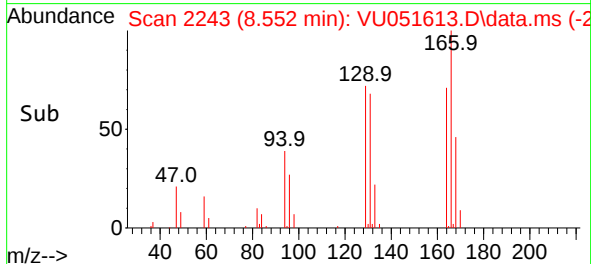
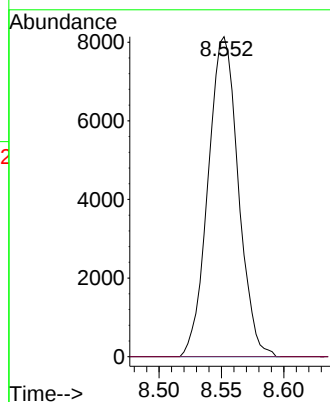
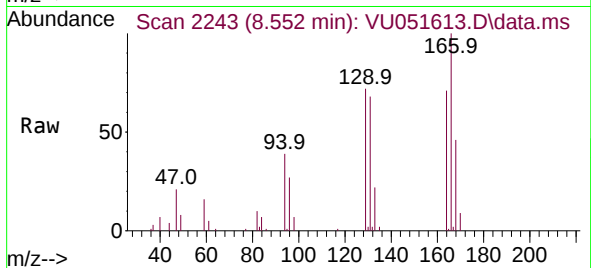
DBWX5

Tgt Ion:129 Resp: 13764

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.976 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU051613.D

Acq: 31 Oct 2022 15:54

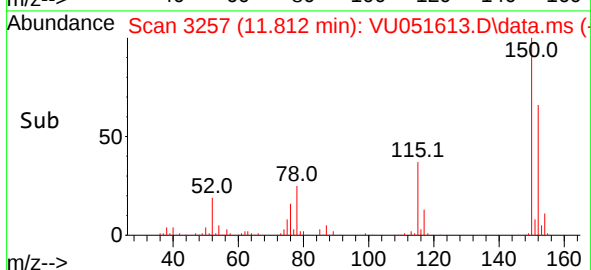
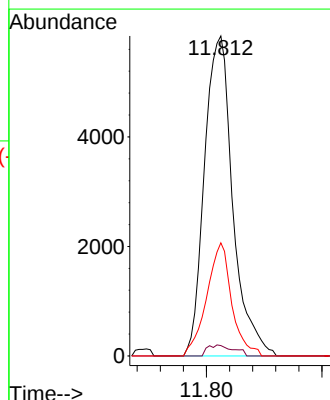
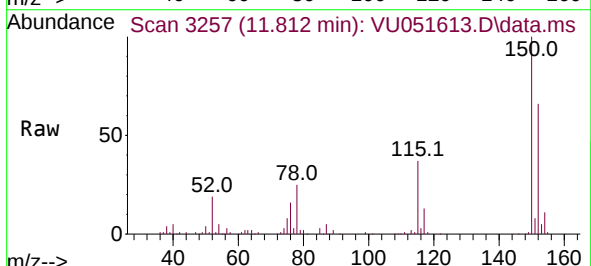
Tgt Ion: 75 Resp: 9924

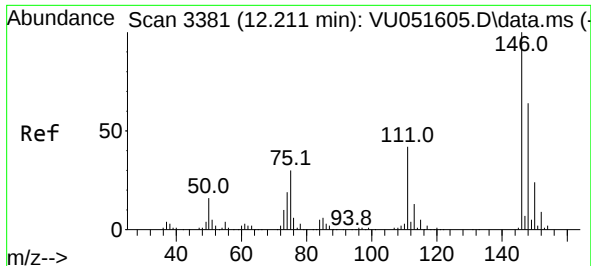
Ion Ratio Lower Upper

75 100

110 3.1 28.7 43.1#

77 31.3 26.1 39.1





#67

1,2-Dichlorobenzene

Concen: 0.091 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051613.D

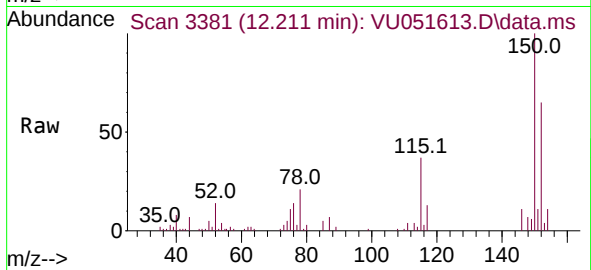
Acq: 31 Oct 2022 15:54

Instrument :

MSVOA_U

ClientSampleId :

DBWX5



Tgt Ion:146 Resp: 2527

Ion Ratio Lower Upper

146 100

111 38.8 34.2 51.2

148 62.6 50.1 75.1

