

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051782.D
 Acq On : 08 Nov 2022 14:28
 Operator : JC/MD
 Sample : N5493-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA4

Quant Time: Nov 09 00:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

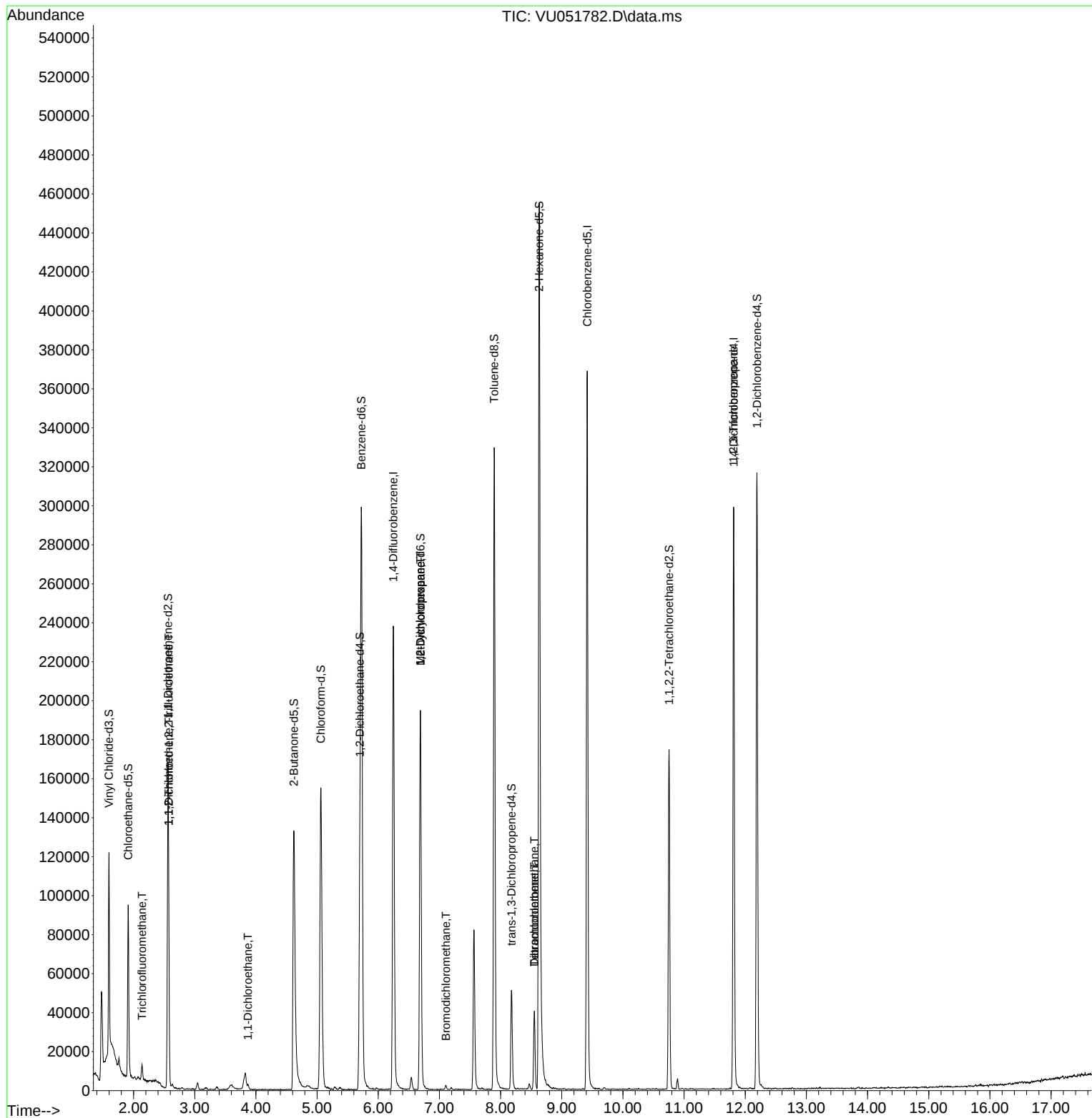
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199333	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83698	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75140	5.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.912	69	67648	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.565	65	30890	5.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.400%
20) 2-Butanone-d5	4.620	46	199029	36.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.220%
24) Chloroform-d	5.060	84	142366	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.700	65	78541	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.726	84	289558	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.690	67	97045	4.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.896	98	231324	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.179	79	30712	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.632	63	152987	35.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	89799	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	88491	5.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						
9) Trichlorofluoromethane	2.137	101	4985	0.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1768	0.104	ug/L #	59
12) 1,1-Dichloroethene	2.575	96	2582	0.149	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	3223	0.094	ug/L	93
35) Methylcyclohexane	6.690	83	22432	0.794	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9659	0.443	ug/L #	88
38) Bromodichloromethane	7.105	83	1448	0.054	ug/L #	90
47) Tetrachloroethene	8.552	164	9228	0.590	ug/L	93
49) Dibromochloromethane	8.552	129	9501	0.521	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	9376	0.866	ug/L #	67

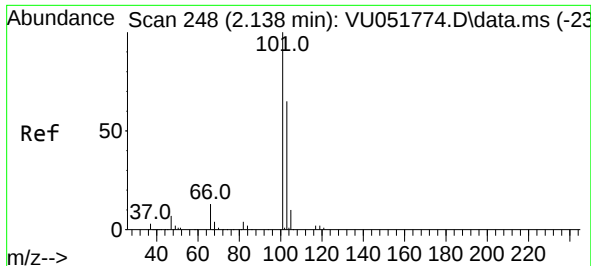
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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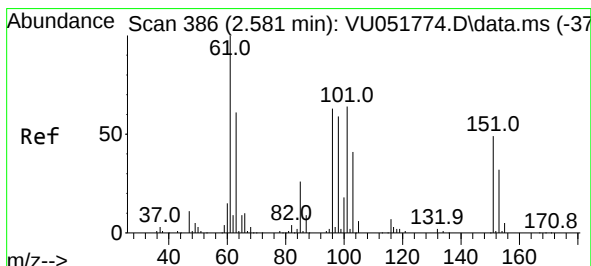
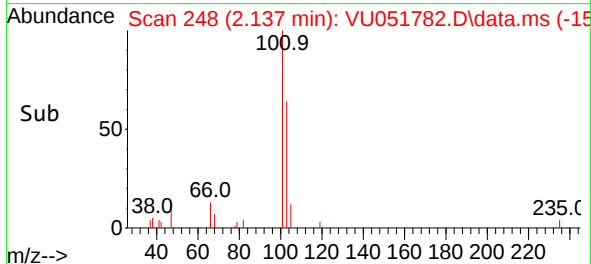
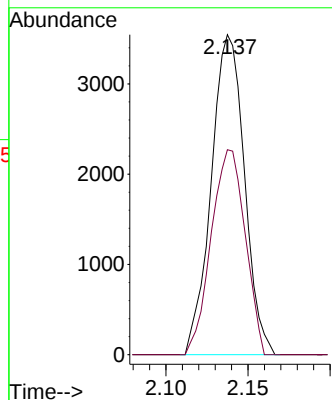
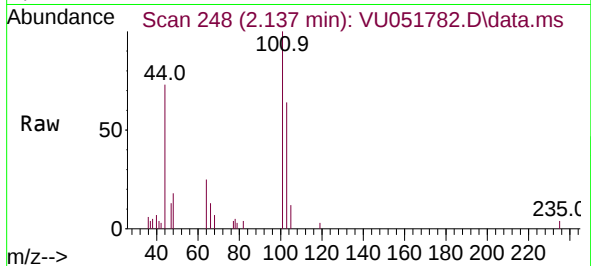




#9
 Trichlorofluoromethane
 Concen: 0.173 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051782.D
 Acq: 08 Nov 2022 14:28

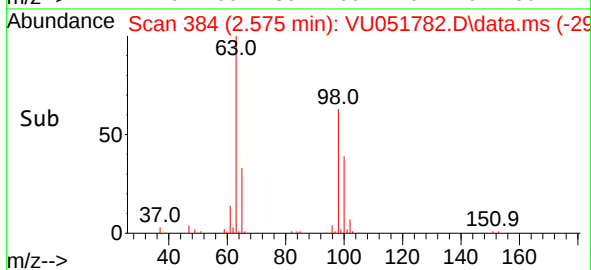
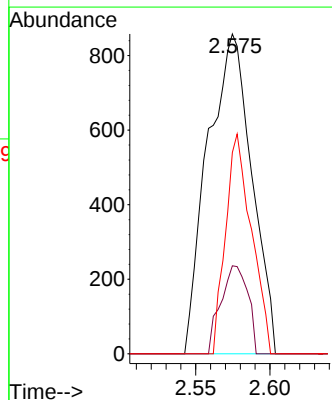
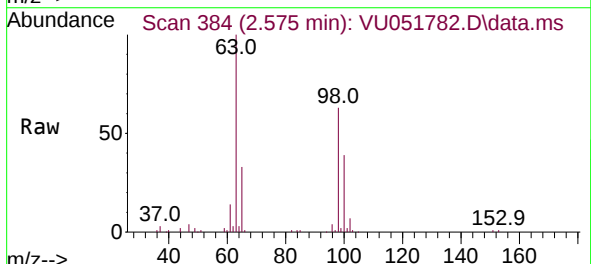
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA4

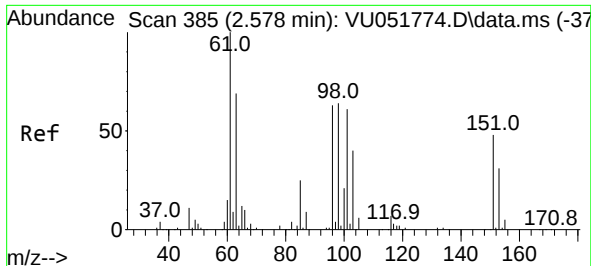
Tgt Ion:101 Resp: 4985
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.104 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.007 min
 Lab File: VU051782.D
 Acq: 08 Nov 2022 14:28

Tgt Ion:101 Resp: 1768
 Ion Ratio Lower Upper
 101 100
 85 16.9 35.6 53.4#
 151 40.3 59.6 89.4#





#12

1,1-Dichloroethene

Concen: 0.149 ug/L

RT: 2.575 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU051782.D

Acq: 08 Nov 2022 14:28

Instrument :

MSVOA_U

ClientSampleId :

H0AA4

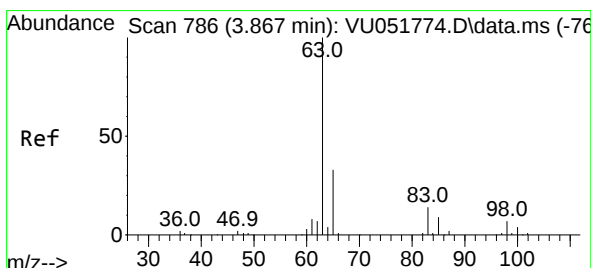
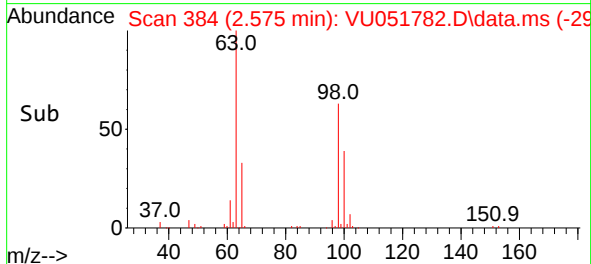
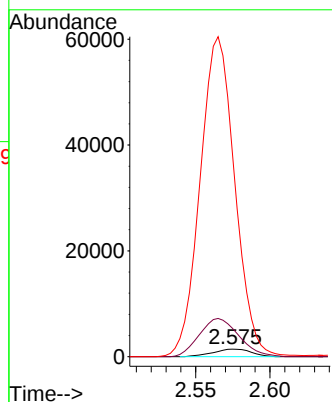
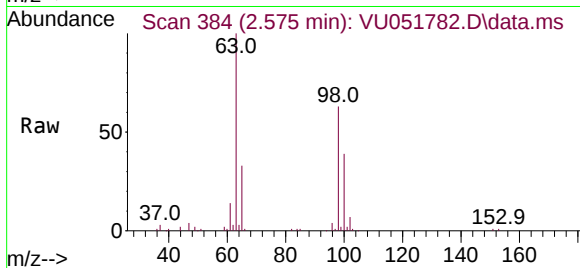
Tgt Ion: 96 Resp: 2582

Ion Ratio Lower Upper

96 100

61 375.0 108.8 202.0#

63 2689.9 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.094 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU051782.D

Acq: 08 Nov 2022 14:28

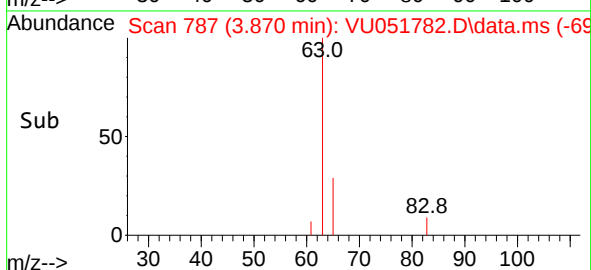
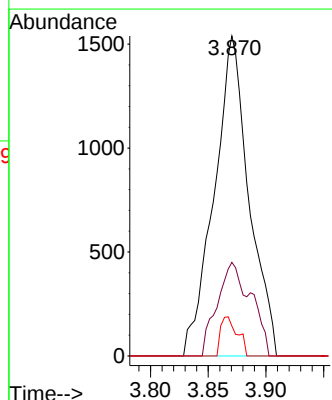
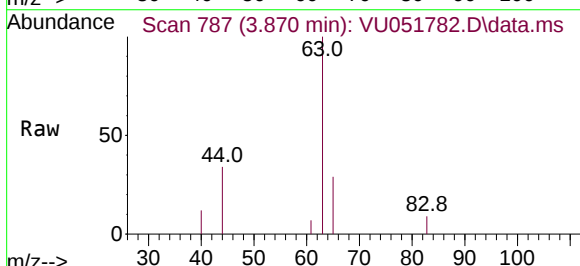
Tgt Ion: 63 Resp: 3223

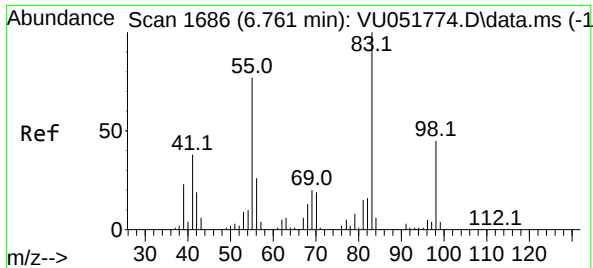
Ion Ratio Lower Upper

63 100

65 29.2 22.7 42.1

83 9.4 9.2 17.0

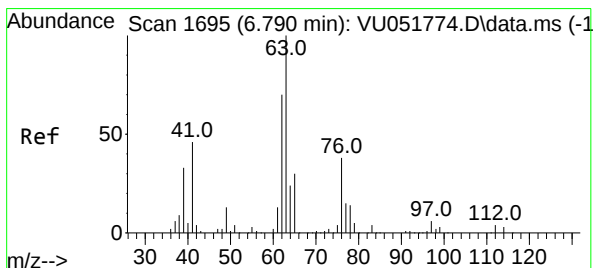
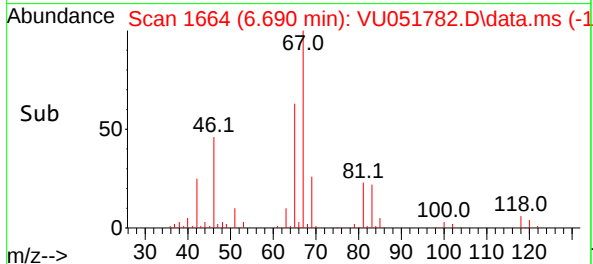
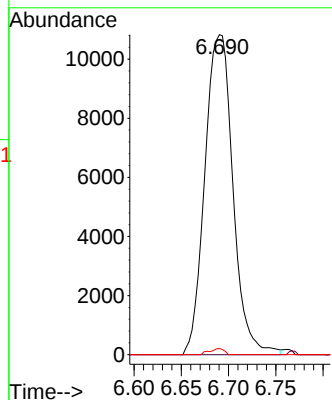
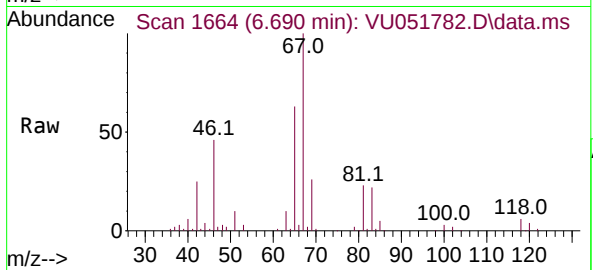




#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051782.D
Acq: 08 Nov 2022 14:28

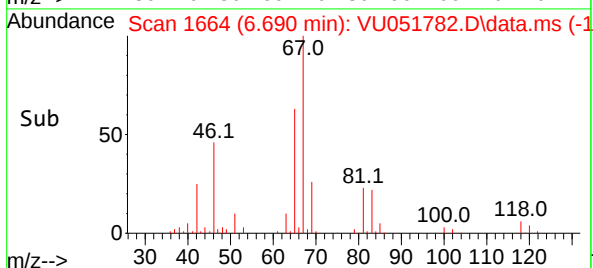
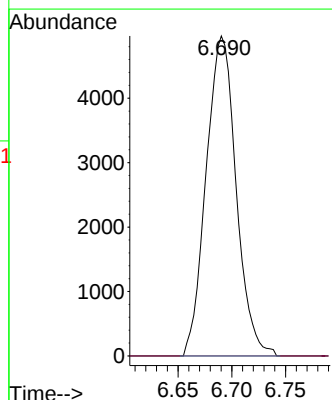
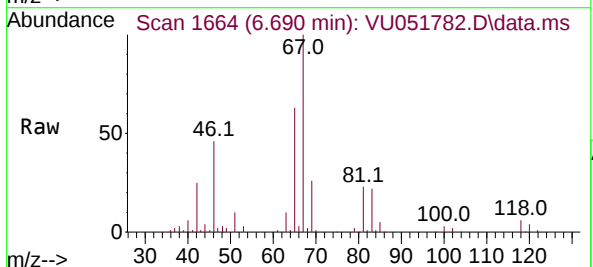
Instrument :
MSVOA_U
ClientSampleId :
H0AA4

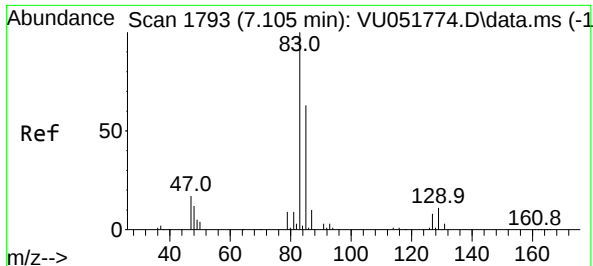
Tgt Ion: 83 Resp: 22432
Ion Ratio Lower Upper
83 100
55 0.3 60.6 90.8#
98 1.0 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.443 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051782.D
Acq: 08 Nov 2022 14:28

Tgt Ion: 63 Resp: 9659
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.054 ug/L

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051782.D

Acq: 08 Nov 2022 14:28

Instrument :

MSVOA_U

ClientSampleId :

H0AA4

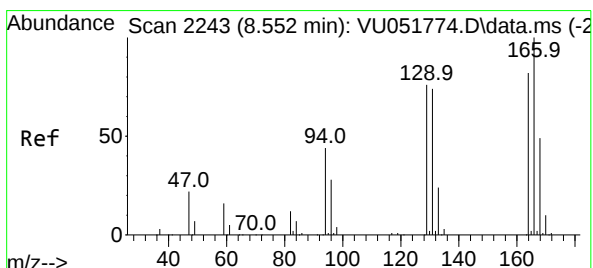
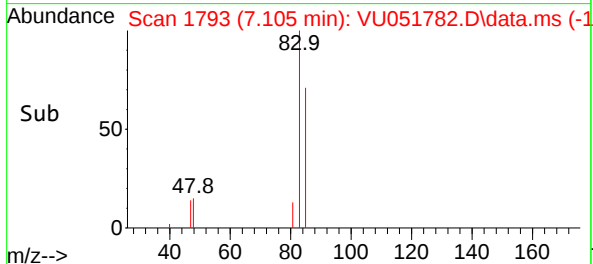
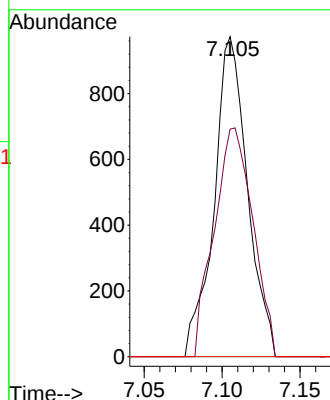
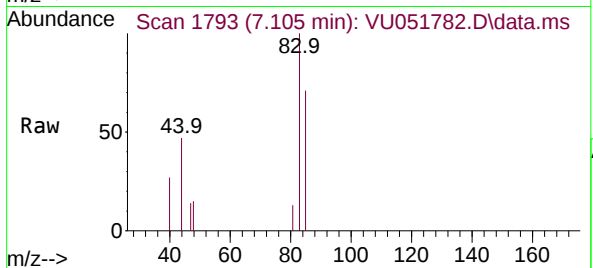
Tgt Ion: 83 Resp: 1448

Ion Ratio Lower Upper

83 100

85 71.1 45.1 83.7

127 0.0 6.6 9.8#



#47

Tetrachloroethene

Concen: 0.590 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051782.D

Acq: 08 Nov 2022 14:28

Tgt Ion:164 Resp: 9228

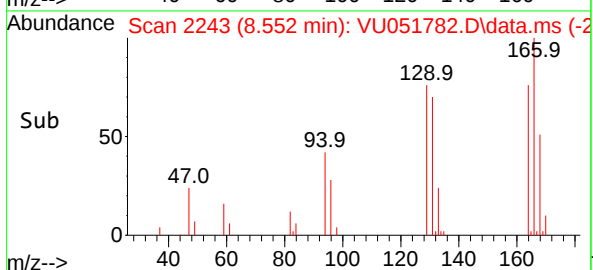
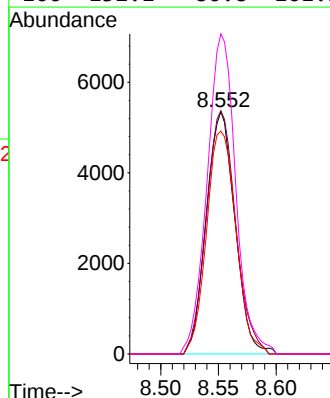
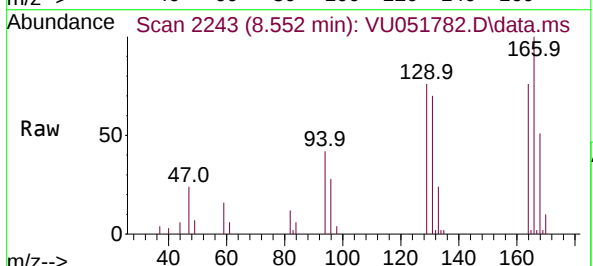
Ion Ratio Lower Upper

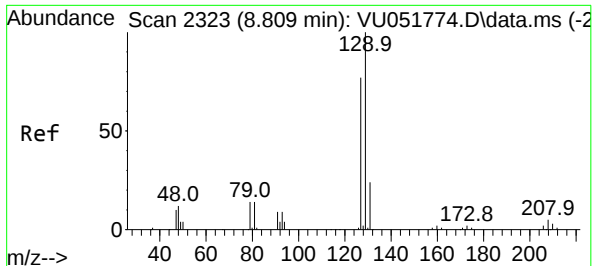
164 100

129 100.4 64.0 118.8

131 92.0 60.7 112.7

166 132.1 86.8 161.2





#49

Dibromochloromethane

Concen: 0.521 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051782.D

Acq: 08 Nov 2022 14:28

Instrument :

MSVOA_U

ClientSampleId :

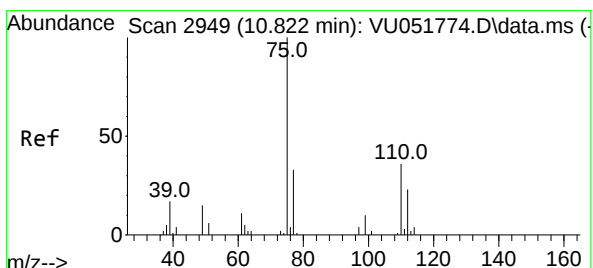
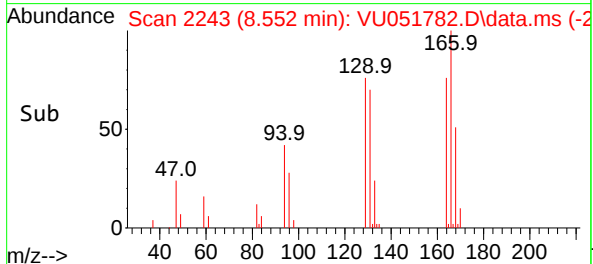
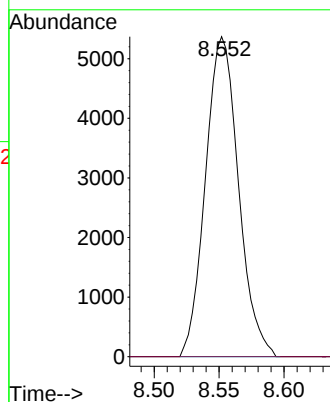
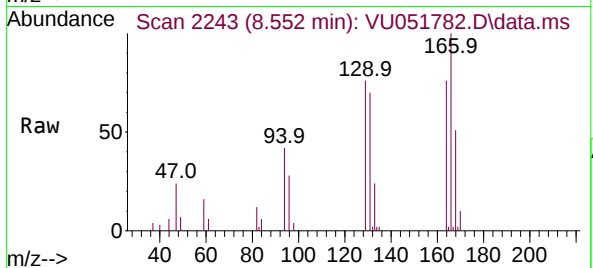
H0AA4

Tgt Ion:129 Resp: 9501

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.866 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051782.D

Acq: 08 Nov 2022 14:28

Tgt Ion: 75 Resp: 9376

Ion Ratio Lower Upper

75 100

110 2.5 28.7 43.1#

77 36.3 26.1 39.1

