

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049118.D
 Acq On : 14 Jun 2022 16:57
 Operator : SY/MD
 Sample : N3278-11 8000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:18:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

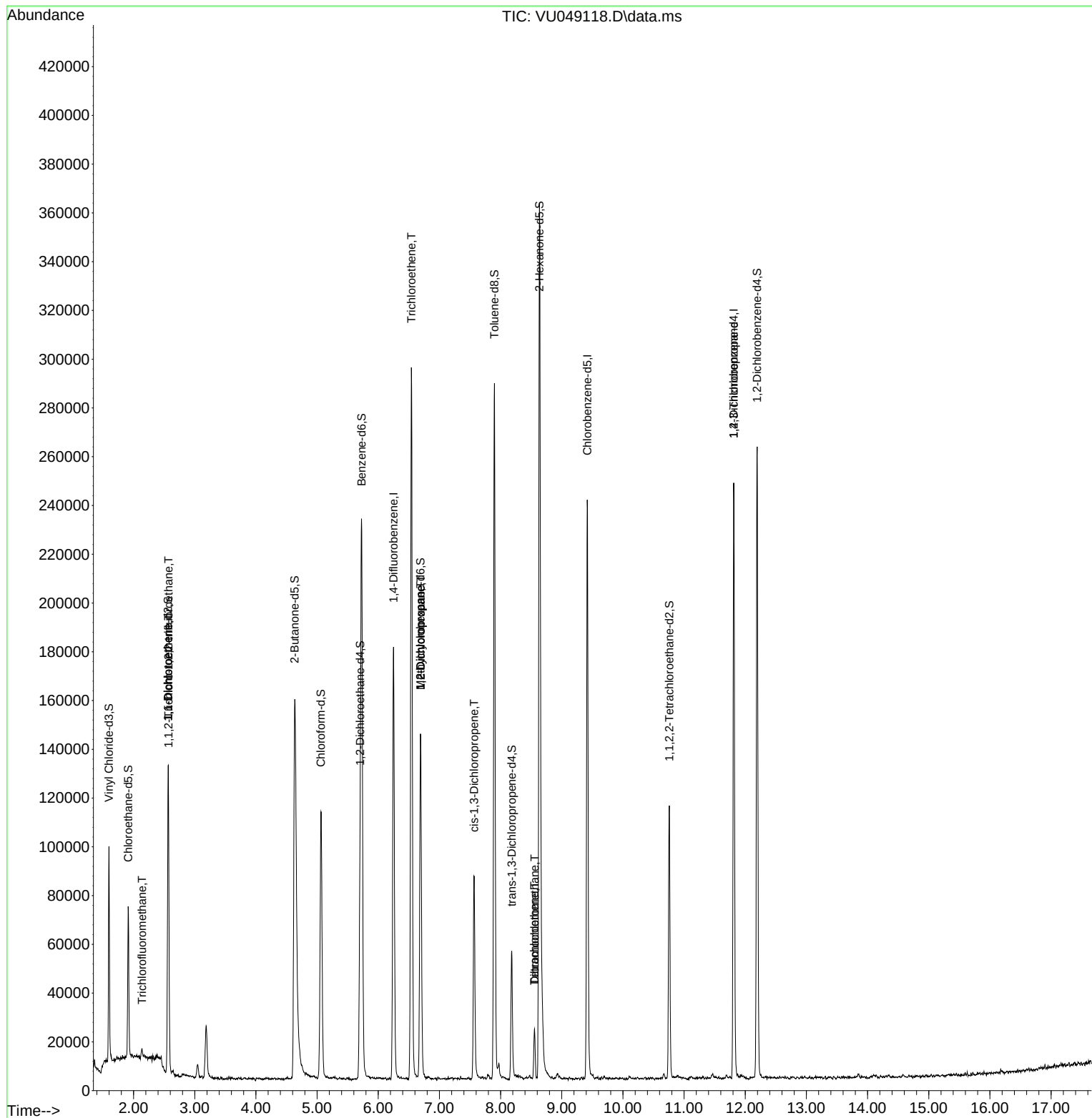
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	141721	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60800	4.910	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.912	69	43384	5.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.565	65	24795	4.978	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	4.633	46	194256	58.751	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.500%	
24) Chloroform-d	5.063	84	100558	5.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.703	65	57096	5.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.200%	
32) Benzene-d6	5.729	84	205931	5.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.690	67	70022	5.340	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.899	98	184727	5.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
43) trans-1,3-Dichloroprop...	8.182	79	30864	5.298	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	106.000%	
46) 2-Hexanone-d5	8.636	63	126911	54.006	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57355	5.463	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	64494	5.290	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	1481	0.107	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	623	0.076	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	997	0.125	ug/L #	1
34) Trichloroethene	6.542	95	102152	10.472	ug/L	99
35) Methylcyclohexane	6.690	83	15449	0.944	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	7383	0.704	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2480	0.156	ug/L #	77
47) Tetrachloroethene	8.552	164	4396	0.654	ug/L	97
49) Dibromochloromethane	8.555	129	4236	0.508	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8626	1.210	ug/L #	68

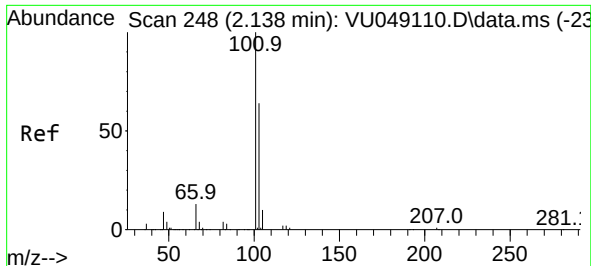
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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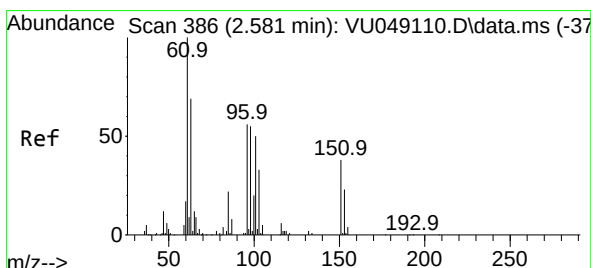
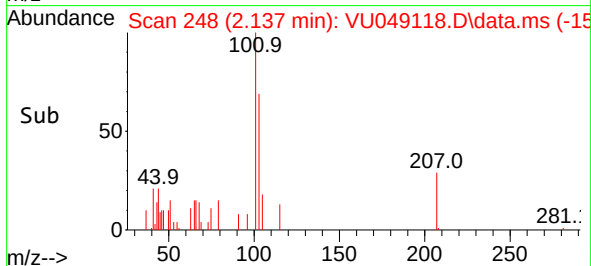
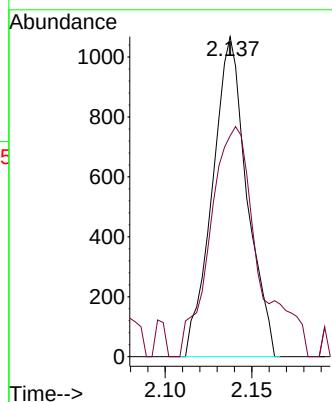
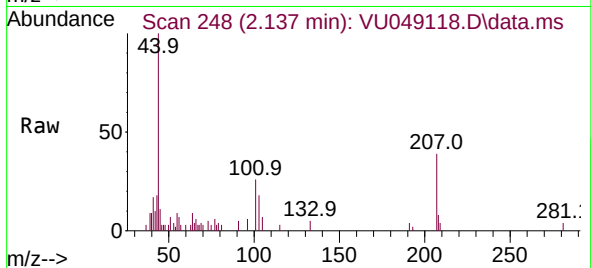




#9
 Trichlorofluoromethane
 Concen: 0.107 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU049118.D
 Acq: 14 Jun 2022 16:57

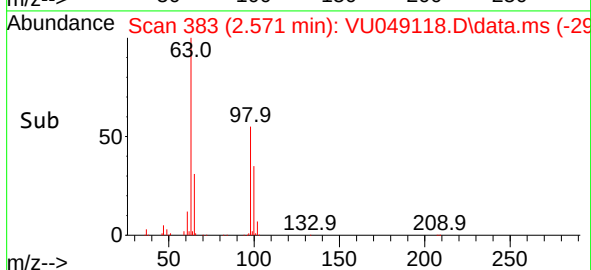
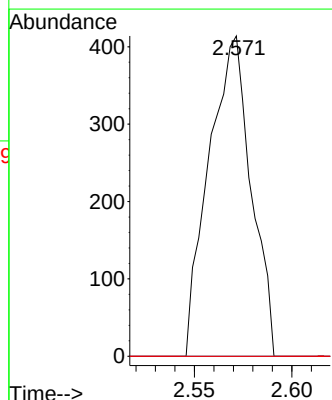
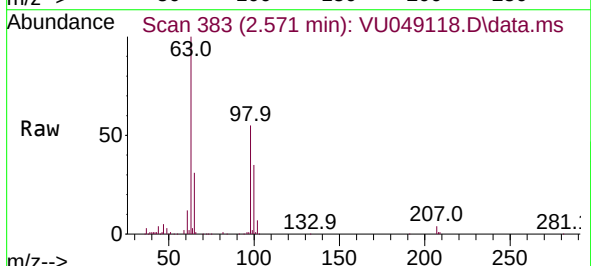
Instrument :
 MSVOA_U
 ClientSampleId :

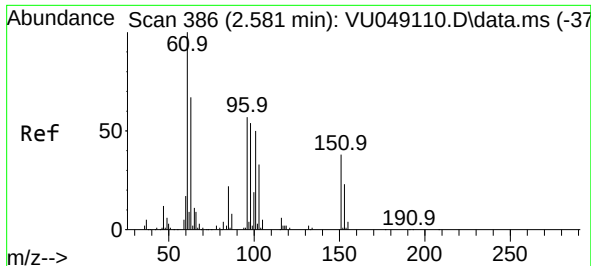
Tgt Ion:101 Resp: 1481
 Ion Ratio Lower Upper
 101 100
 103 99.7 53.5 80.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.076 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU049118.D
 Acq: 14 Jun 2022 16:57

Tgt Ion:101 Resp: 623
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.568 min Scan# 386

Delta R.T. -0.013 min

Lab File: VU049118.D

Acq: 14 Jun 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

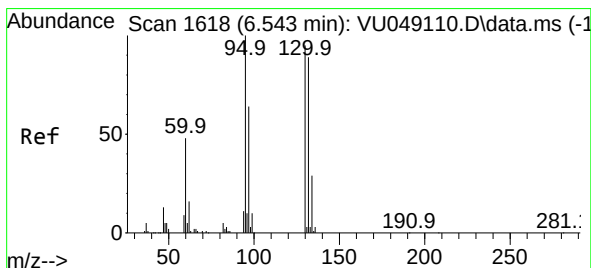
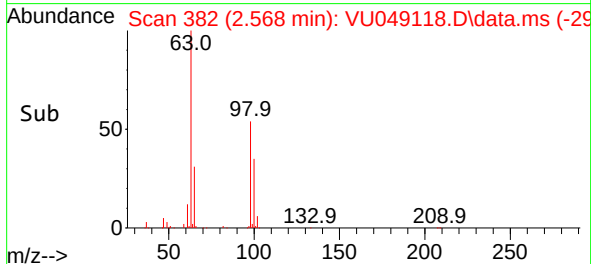
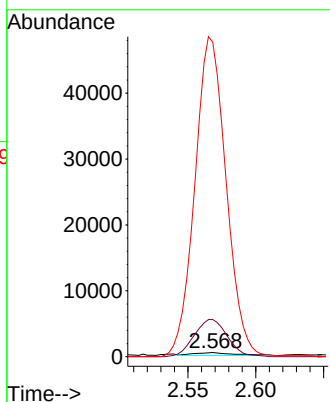
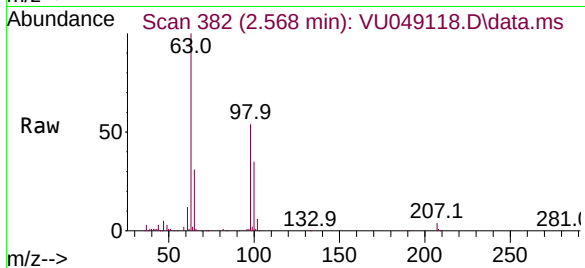
Tgt Ion: 96 Resp: 997

Ion Ratio Lower Upper

96 100

61 901.8 127.2 236.2#

63 7652.6 94.7 175.9#



#34

Trichloroethene

Concen: 10.472 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU049118.D

Acq: 14 Jun 2022 16:57

Tgt Ion: 95 Resp: 102152

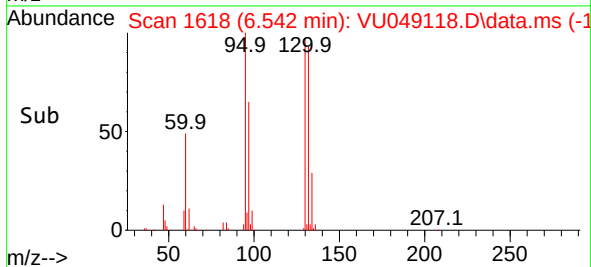
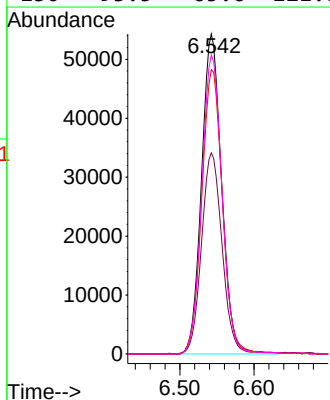
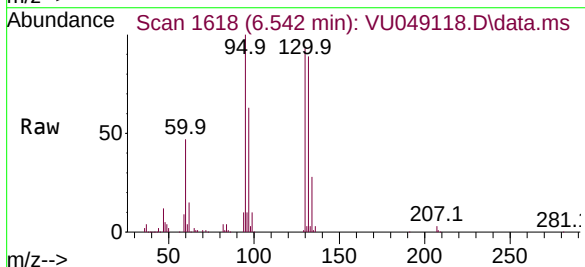
Ion Ratio Lower Upper

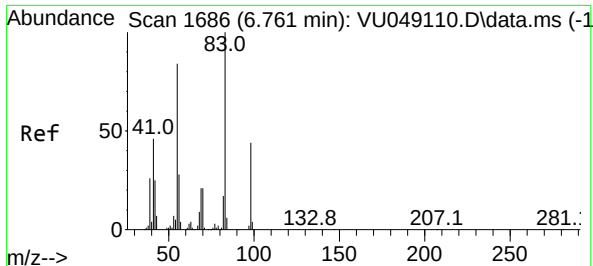
95 100

97 62.8 45.3 84.1

132 88.9 61.5 114.3

130 93.5 65.6 121.8





#35

Methylcyclohexane

Concen: 0.944 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049118.D

Acq: 14 Jun 2022 16:57

Instrument :

MSVOA_U

ClientSampleId :

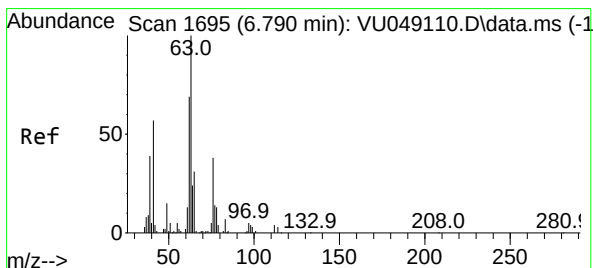
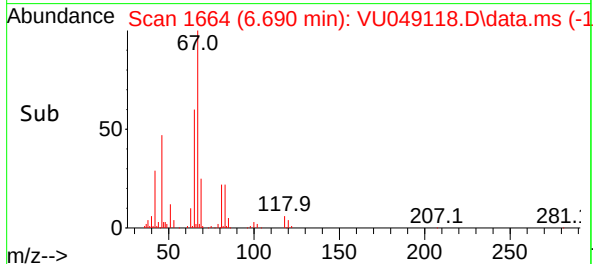
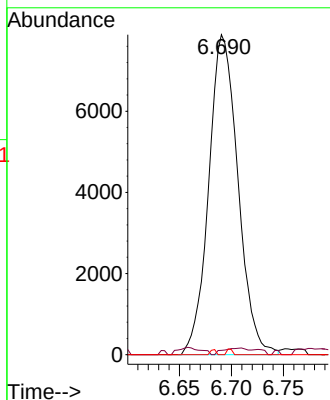
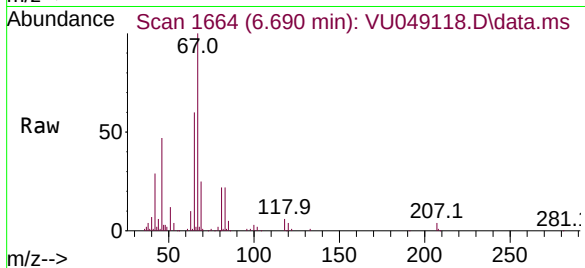
Tgt Ion: 83 Resp: 15449

Ion Ratio Lower Upper

83 100

55 1.8 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.704 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU049118.D

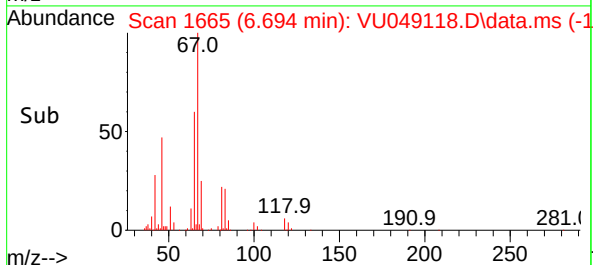
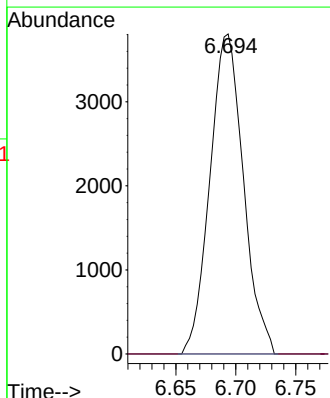
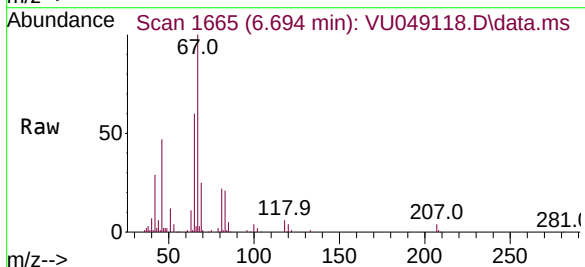
Acq: 14 Jun 2022 16:57

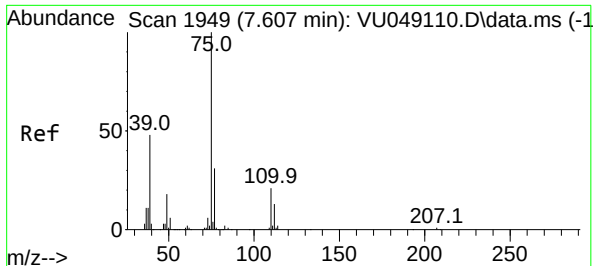
Tgt Ion: 63 Resp: 7383

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.156 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049118.D

Acq: 14 Jun 2022 16:57

Instrument :

MSVOA_U

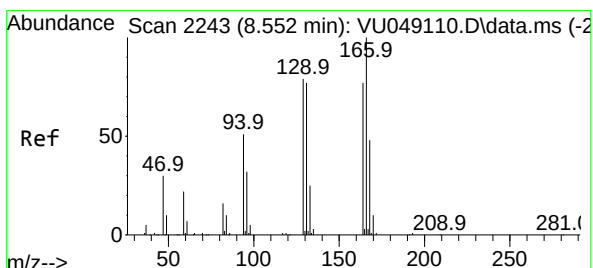
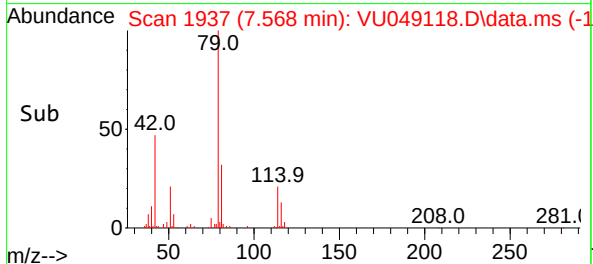
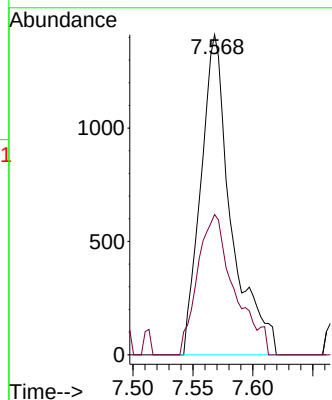
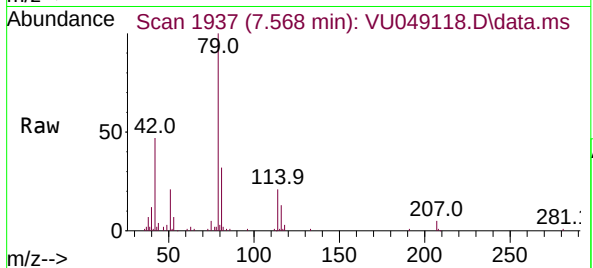
ClientSampleId :

Tgt Ion: 75 Resp: 2480

Ion Ratio Lower Upper

75 100

77 43.8 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.654 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049118.D

Acq: 14 Jun 2022 16:57

Tgt Ion: 164 Resp: 4396

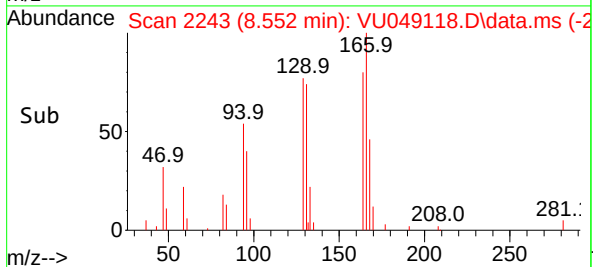
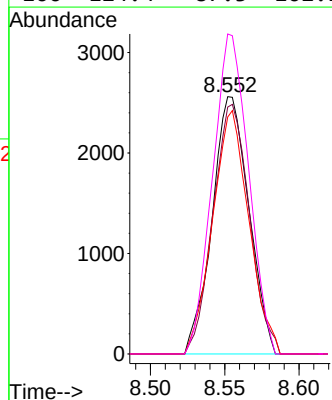
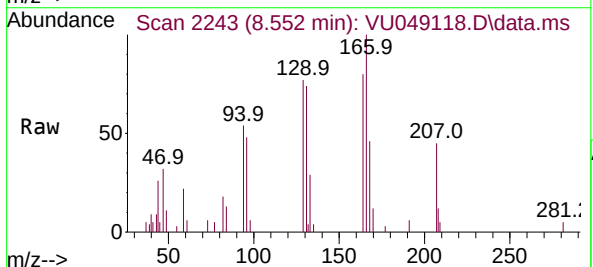
Ion Ratio Lower Upper

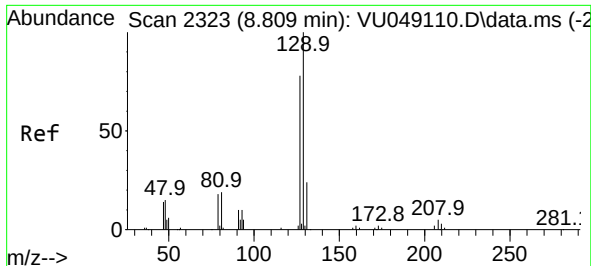
164 100

129 95.9 69.8 129.6

131 92.1 67.8 125.8

166 124.4 87.3 162.1

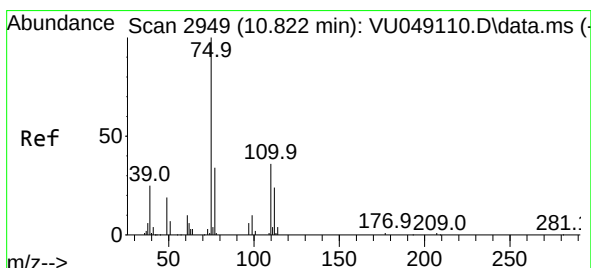
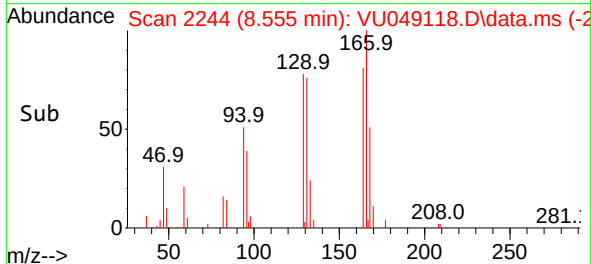
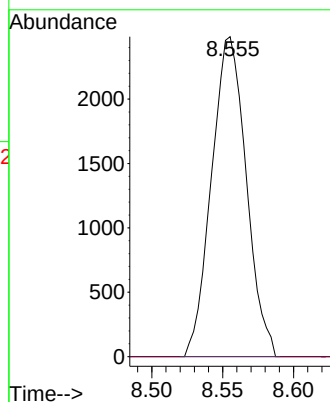
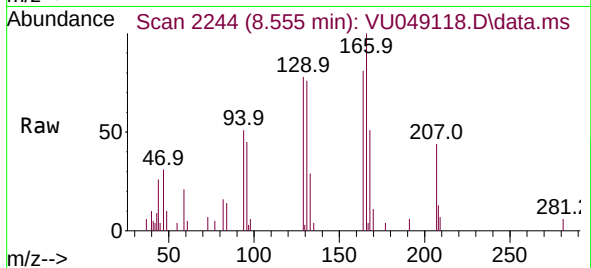




#49
Dibromochloromethane
Concen: 0.508 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU049118.D
Acq: 14 Jun 2022 16:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 4236
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#



#61
1,2,3-Trichloropropane
Concen: 1.210 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049118.D
Acq: 14 Jun 2022 16:57

Tgt Ion: 75 Resp: 8626
Ion Ratio Lower Upper
75 100
110 2.0 29.0 43.4#
77 34.3 26.2 39.2

