

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060827.D
 Acq On : 17 Sep 2024 12:52
 Operator : MD/SY
 Sample : P3952-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

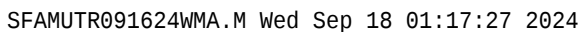
Quant Time: Sep 18 01:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

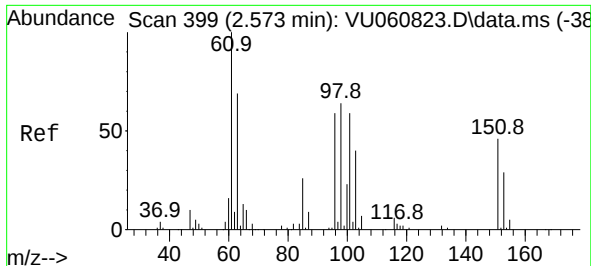
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	170828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47491	3.091	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.911	69	47199	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.563	65	22659	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.637	46	138303	56.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.140%
24) Chloroform-d	5.055	84	120084	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	60451	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.717	84	233185	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	79206	5.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.891	98	198789	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	19868	3.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.630	63	105098	50.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	61941	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	70352	5.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2477	0.211	ug/L #	82
12) 1,1-Dichloroethene	2.576	96	28272	2.631	ug/L	82
19) 1,1-Dichloroethane	3.862	63	11507	0.515	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	32016	2.598	ug/L	87
25) Chloroform	5.078	83	10413	0.447	ug/L	99
31) Carbon tetrachloride	5.518	117	26219	1.546	ug/L	96
34) Trichloroethene	6.534	95	114546	8.954	ug/L	98
35) Methylcyclohexane	6.682	83	18208	1.037	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	7849	0.584	ug/L #	93
42) Toluene	7.968	91	4870	0.095	ug/L	96
47) Tetrachloroethene	8.547	164	56183	5.526	ug/L	99
49) Dibromochloromethane	8.547	129	54782	4.957	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	7292	1.089	ug/L #	69

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

Quant Time: Sep 18 01:17:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration

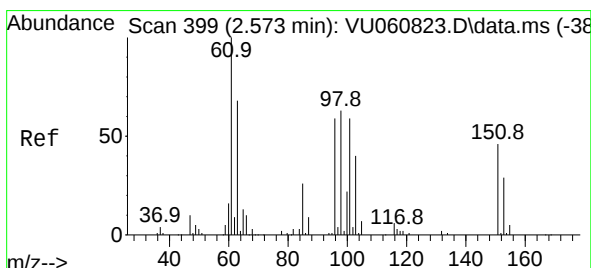
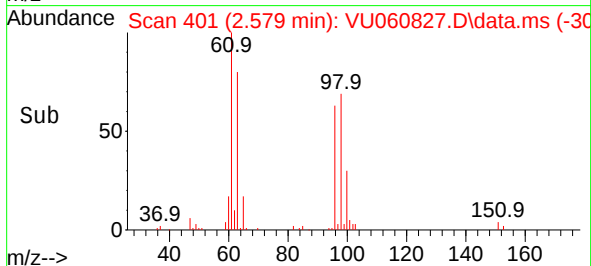
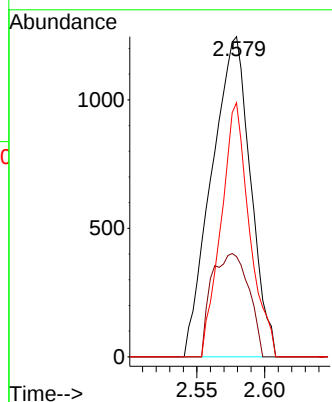
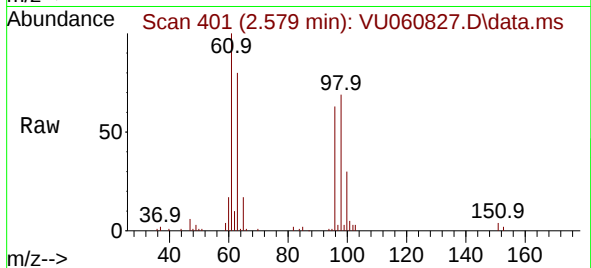




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.211 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VU060827.D
 Acq: 17 Sep 2024 12:52

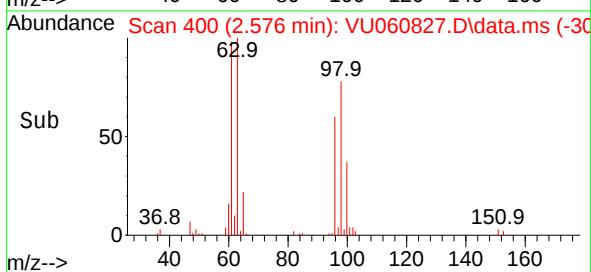
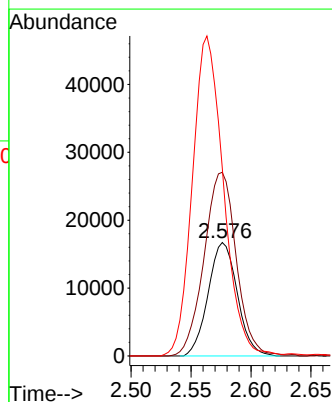
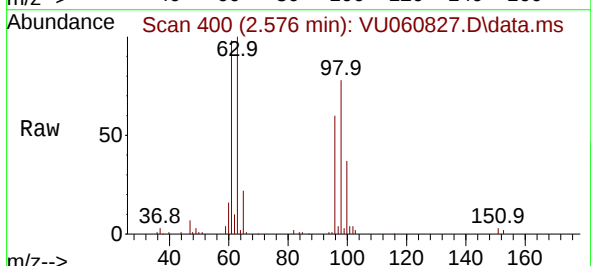
Instrument :
 MSVOA_U
 ClientSampleId :

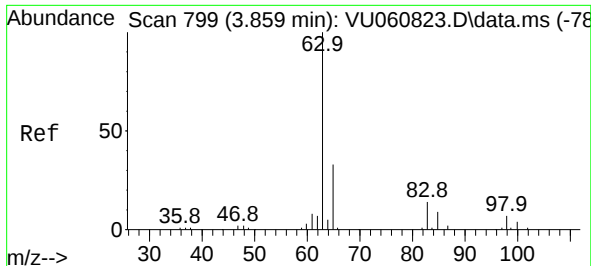
Tgt Ion:101 Resp: 2477
 Ion Ratio Lower Upper
 101 100
 85 30.9 34.2 51.4#
 151 58.4 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 2.631 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060827.D
 Acq: 17 Sep 2024 12:52

Tgt Ion: 96 Resp: 28272
 Ion Ratio Lower Upper
 96 100
 61 161.8 120.7 224.1
 63 165.6 90.0 167.2





#19

1,1-Dichloroethane

Concen: 0.515 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU060827.D

Acq: 17 Sep 2024 12:52

Instrument :

MSVOA_U

ClientSampleId :

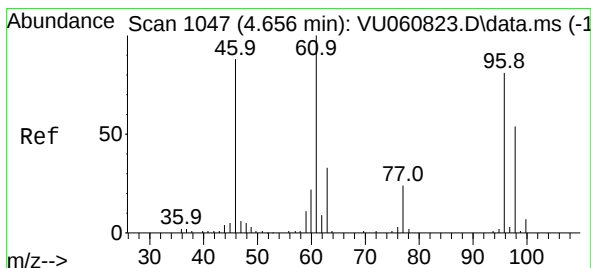
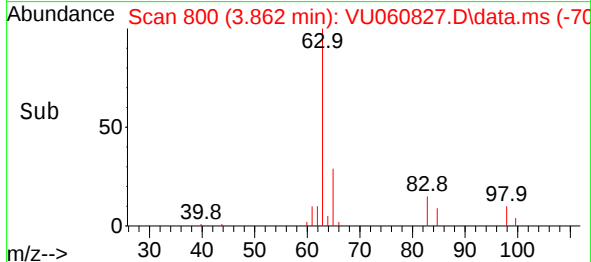
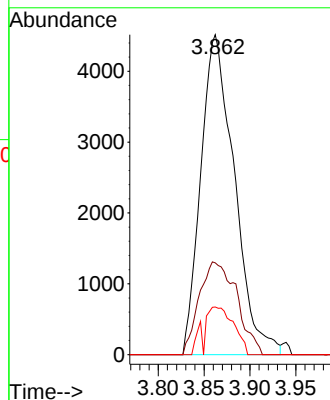
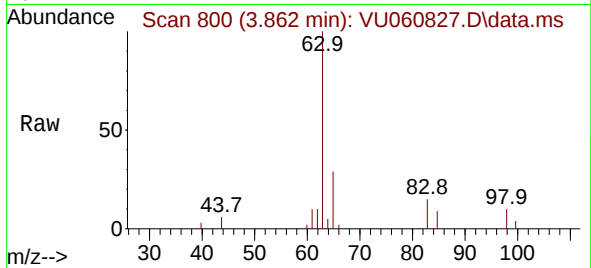
Tgt Ion: 63 Resp: 11507

Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.8

83 14.9 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 2.598 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU060827.D

Acq: 17 Sep 2024 12:52

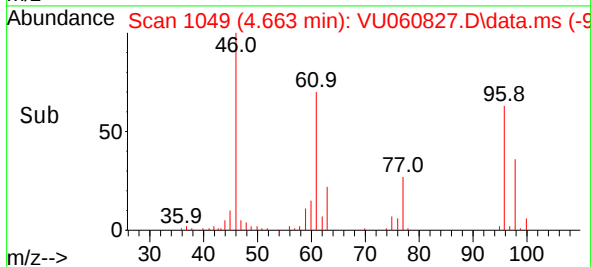
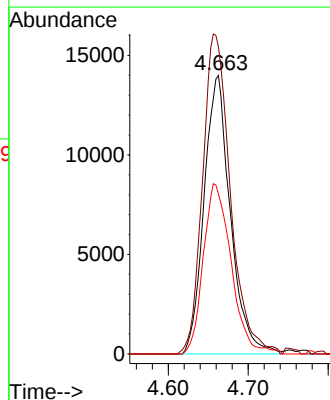
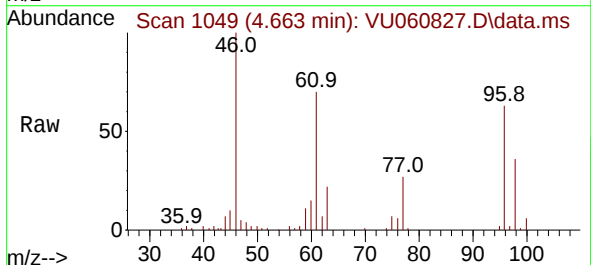
Tgt Ion: 96 Resp: 32016

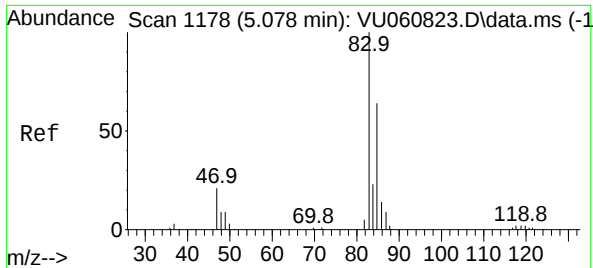
Ion Ratio Lower Upper

96 100

61 110.3 89.7 166.5

98 57.4 45.1 83.9

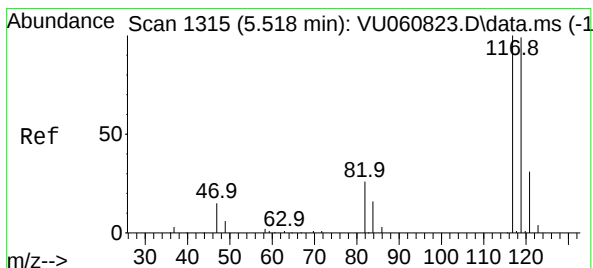
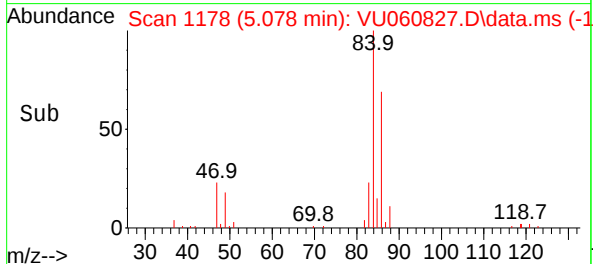
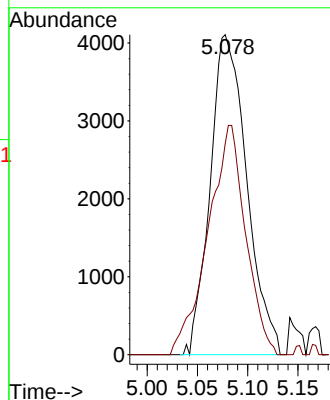
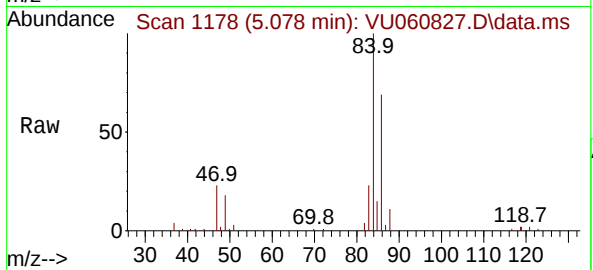




#25
Chloroform
Concen: 0.447 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

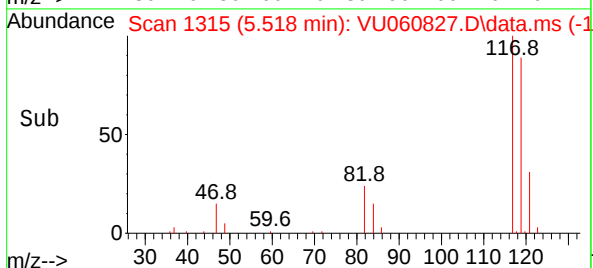
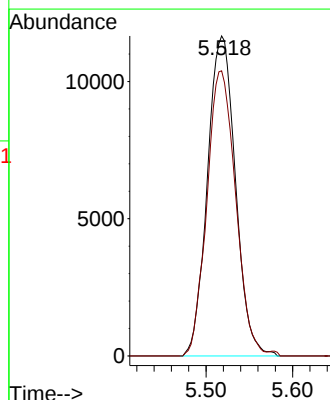
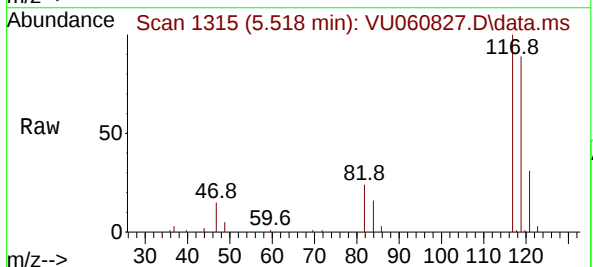
Instrument :
MSVOA_U
ClientSampleId :

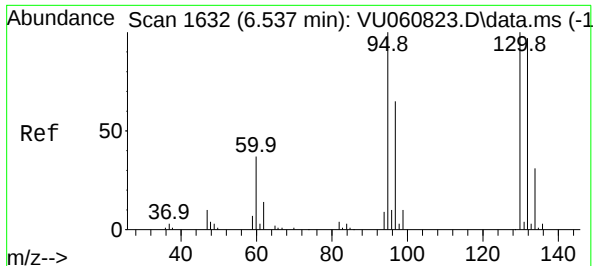
Tgt Ion: 83 Resp: 10413
Ion Ratio Lower Upper
83 100
85 65.9 46.8 86.8



#31
Carbon tetrachloride
Concen: 1.546 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

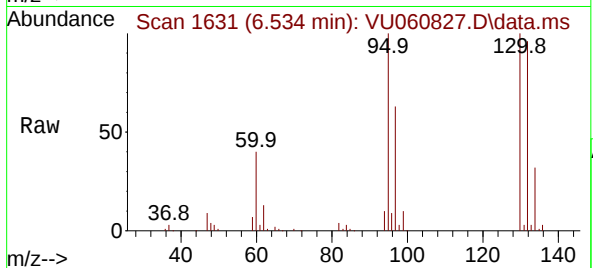
Tgt Ion: 117 Resp: 26219
Ion Ratio Lower Upper
117 100
119 91.3 76.3 114.5



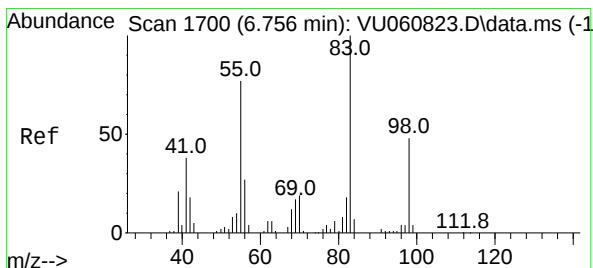
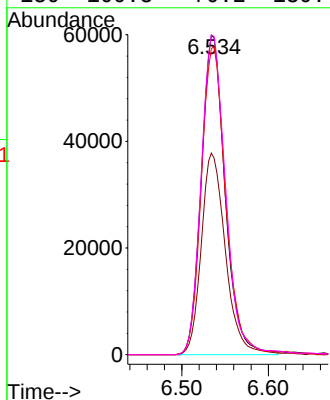
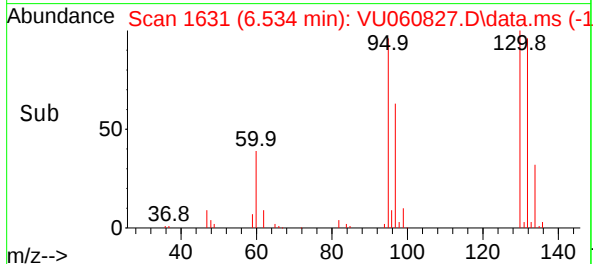


#34
Trichloroethene
Concen: 8.954 ug/L
RT: 6.534 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

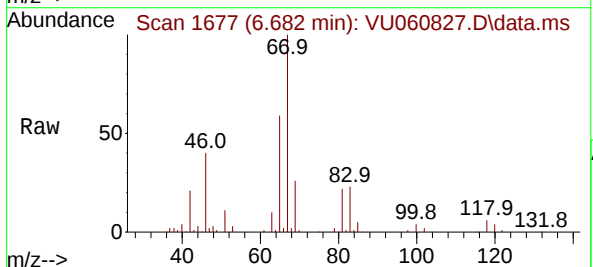
Instrument :
MSVOA_U
ClientSampleId :



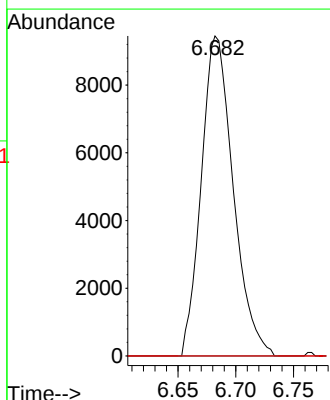
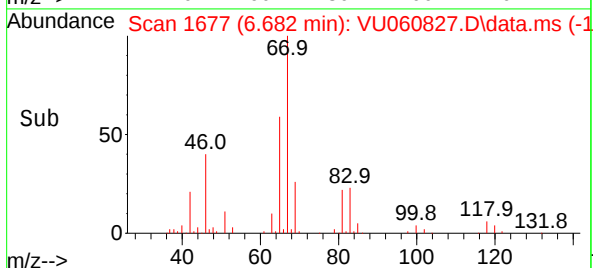
Tgt Ion: 95 Resp: 114546
Ion Ratio Lower Upper
95 100
97 63.2 44.9 83.5
132 95.9 63.5 117.9
130 100.3 70.2 130.4

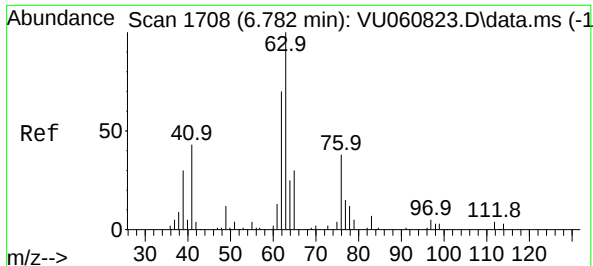


#35
Methylcyclohexane
Concen: 1.037 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52



Tgt Ion: 83 Resp: 18208
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 5.9 37.6 56.4#

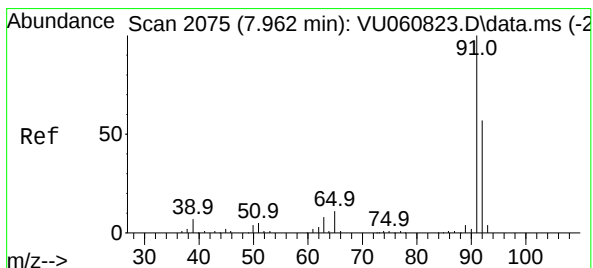
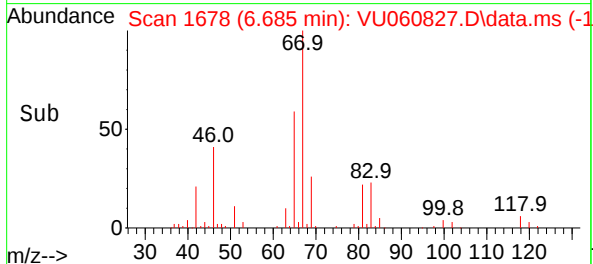
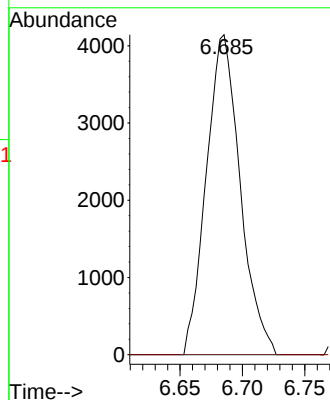
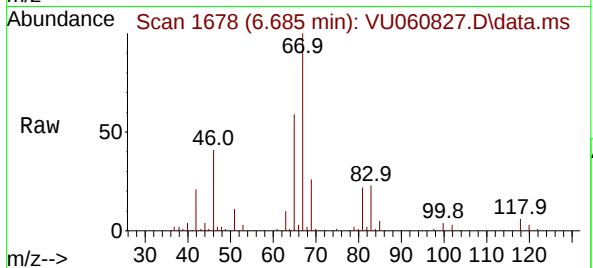




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

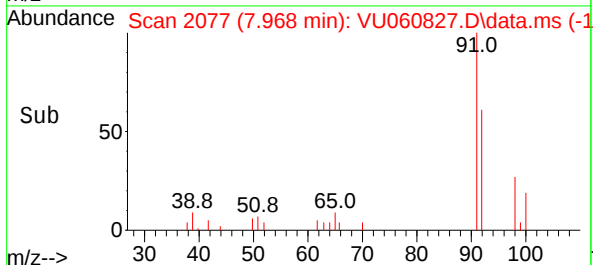
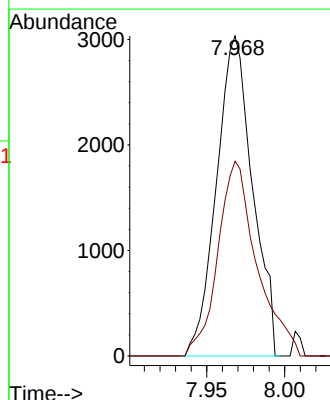
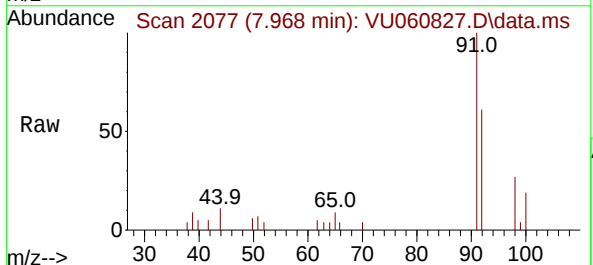
Instrument :
MSVOA_U
ClientSampleId :

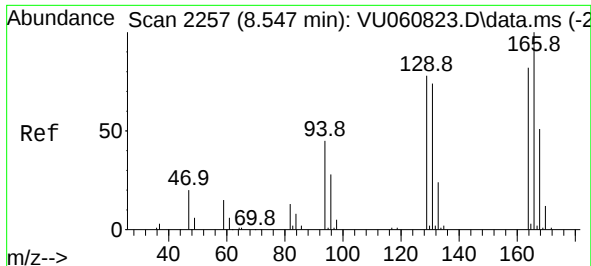
Tgt Ion: 63 Resp: 7849
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.095 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU060827.D
Acq: 17 Sep 2024 12:52

Tgt Ion: 91 Resp: 4870
Ion Ratio Lower Upper
91 100
92 60.8 40.5 75.3





#47

Tetrachloroethene

Concen: 5.526 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060827.D

Acq: 17 Sep 2024 12:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 56183

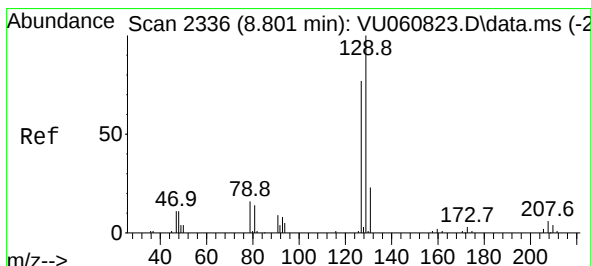
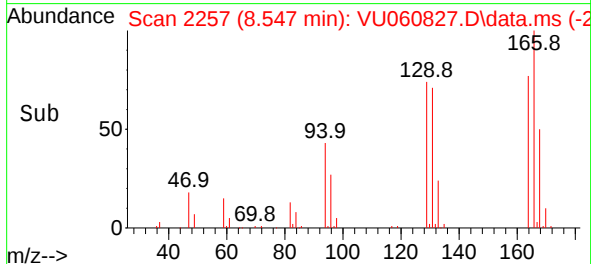
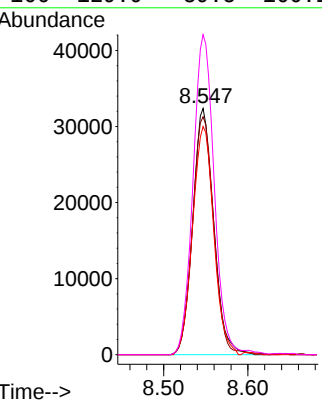
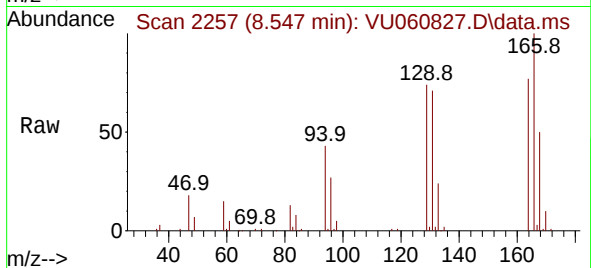
Ion Ratio Lower Upper

164 100

129 96.6 67.3 124.9

131 92.6 65.4 121.4

166 129.9 89.5 166.1



#49

Dibromochloromethane

Concen: 4.957 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060827.D

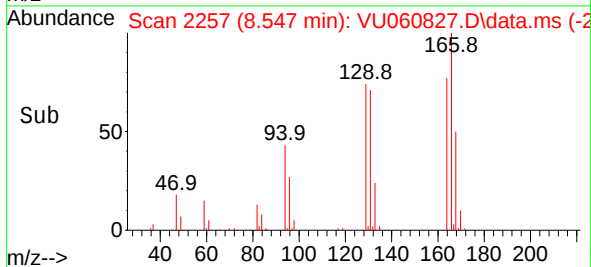
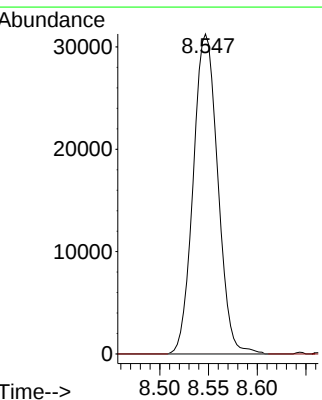
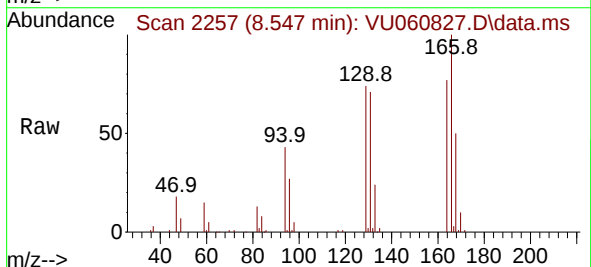
Acq: 17 Sep 2024 12:52

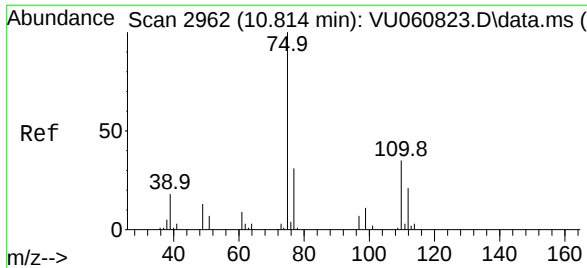
Tgt Ion:129 Resp: 54782

Ion Ratio Lower Upper

129 100

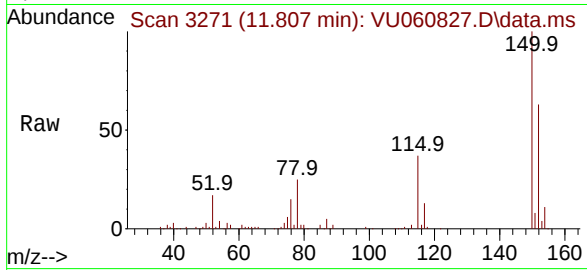
127 0.0 56.1 104.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.089 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU060827.D
 Acq: 17 Sep 2024 12:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7292
 Ion Ratio Lower Upper
 75 100
 110 1.5 28.6 43.0#
 77 34.1 26.3 39.5

