

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054490.D
 Acq On : 12 Jun 2023 16:47
 Operator : MD/SY
 Sample : 03104-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ6

Quant Time: Jun 13 02:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

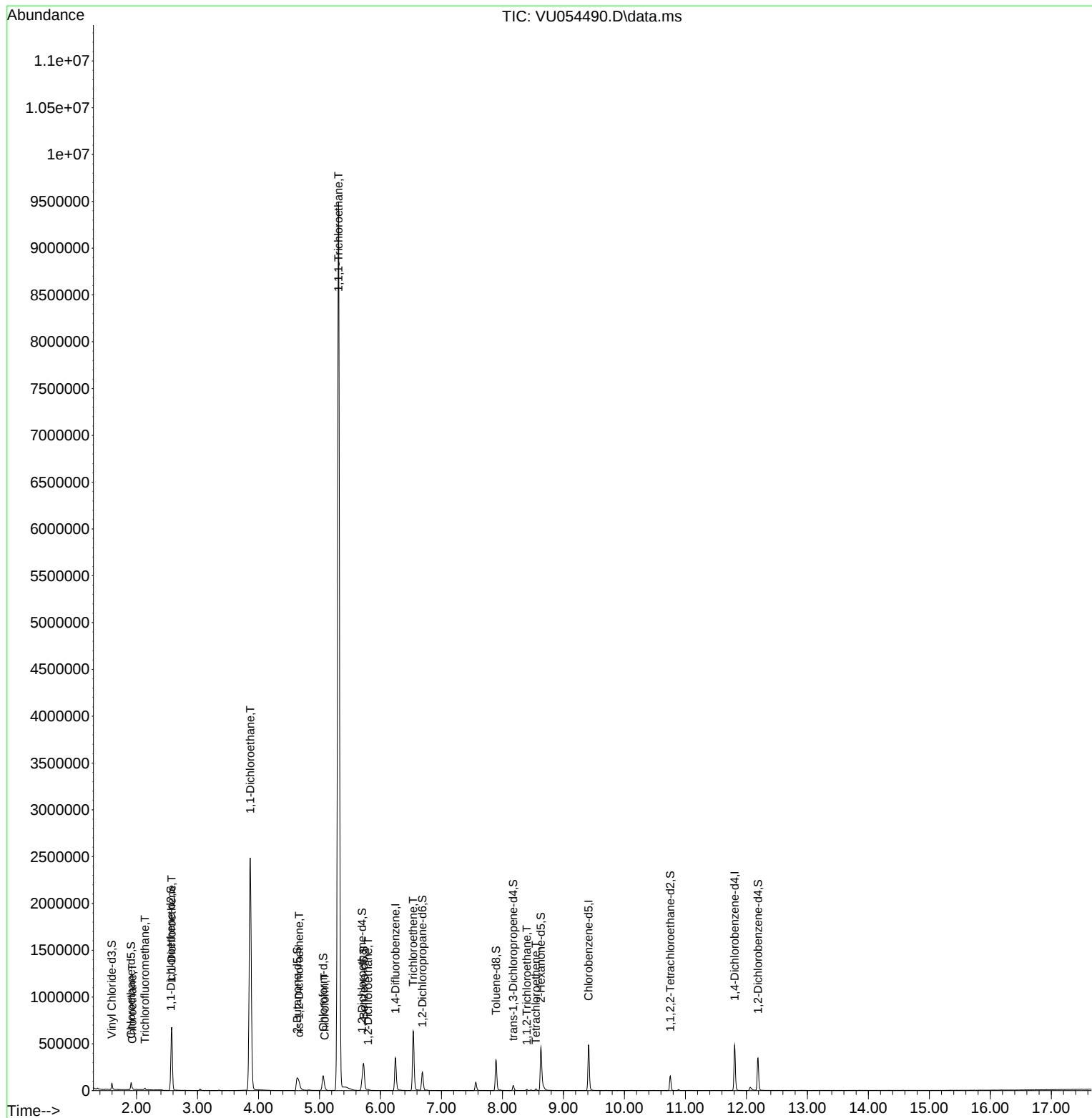
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283399	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49539	2.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.911	69	56872	3.368	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	2.563	65	24329	3.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	4.634	46	248120	48.930	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.860%
24) Chloroform-d	5.062	84	146753	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.698	65	77266	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.724	84	272849	3.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	6.689	67	101083	3.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.894	98	226151	3.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.177	79	32363	3.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	158677	42.925	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80856	4.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	94237	4.161	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.933	64	5398	0.288	ug/L	100
9) Trichlorofluoromethane	2.139	101	9044	0.236	ug/L	89
12) 1,1-Dichloroethene	2.576	96	209158	10.175	ug/L	94
19) 1,1-Dichloroethane	3.866	63	2952145	67.217	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	22964	0.950	ug/L	92
25) Chloroform	5.084	83	21633	0.500	ug/L	98
27) 1,2-Dichloroethane	5.795	62	5701	0.225	ug/L #	91
29) 1,1,1-Trichloroethane	5.312	97	7002386	189.198	ug/L	99
34) Trichloroethene	6.537	95	226871	8.746	ug/L	96
45) 1,1,2-Trichloroethane	8.402	97	4142	0.245	ug/L	79
47) Tetrachloroethene	8.550	164	4674	0.235	ug/L	91

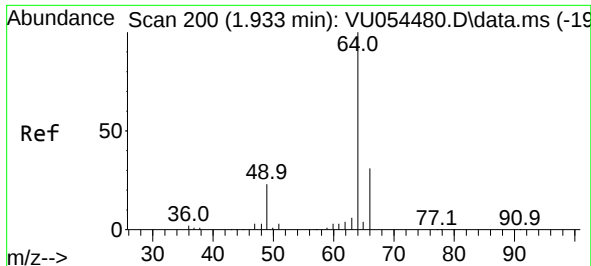
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
Data File : VU054490.D
Acq On : 12 Jun 2023 16:47
Operator : MD/SY
Sample : 03104-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONQ6

Quant Time: Jun 13 02:30:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 13 02:28:29 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.288 ug/L

RT: 1.933 min Scan# 200

Delta R.T. -0.000 min

Lab File: VU054490.D

Acq: 12 Jun 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

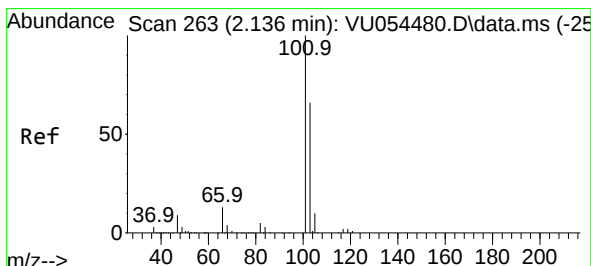
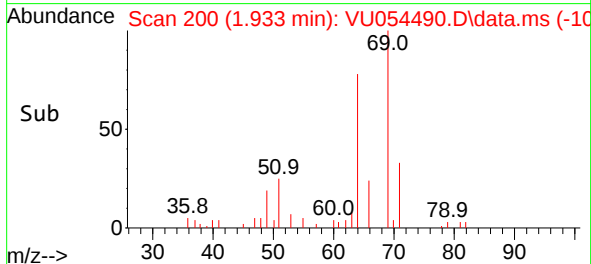
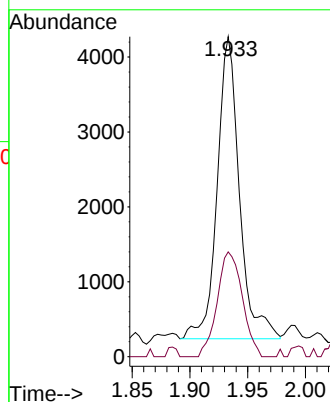
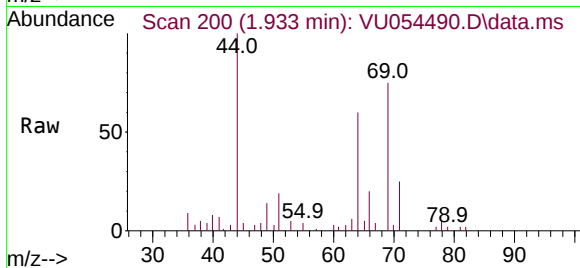
CONQ6

Tgt Ion: 64 Resp: 5398

Ion Ratio Lower Upper

64 100

66 32.7 22.9 42.5



#9

Trichlorofluoromethane

Concen: 0.236 ug/L

RT: 2.139 min Scan# 264

Delta R.T. 0.003 min

Lab File: VU054490.D

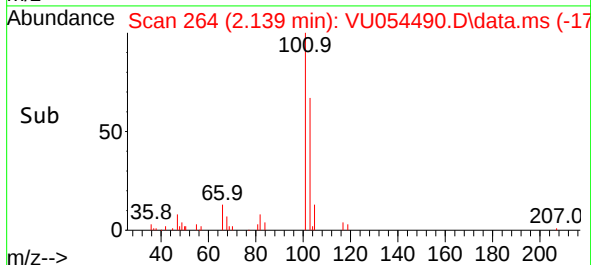
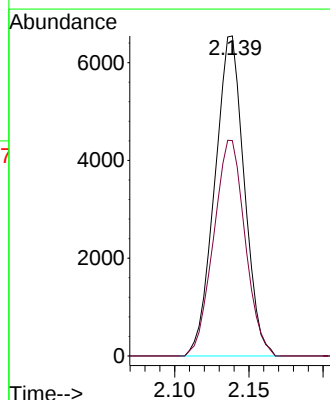
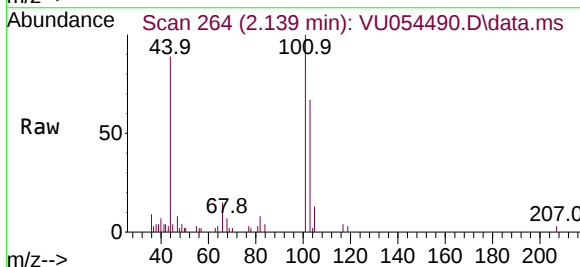
Acq: 12 Jun 2023 16:47

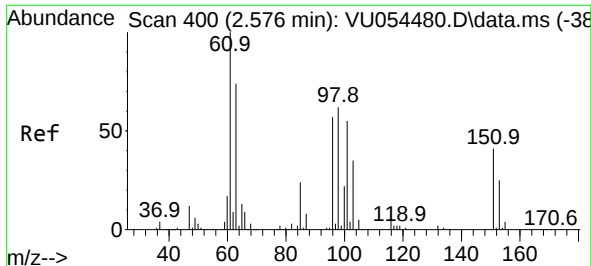
Tgt Ion:101 Resp: 9044

Ion Ratio Lower Upper

101 100

103 72.0 50.6 75.8

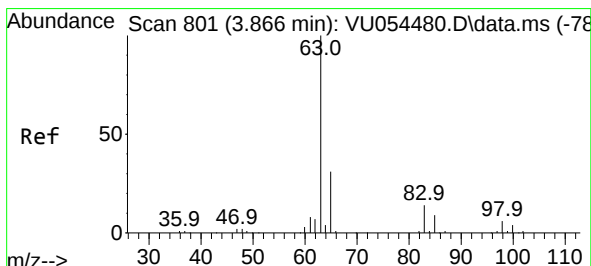
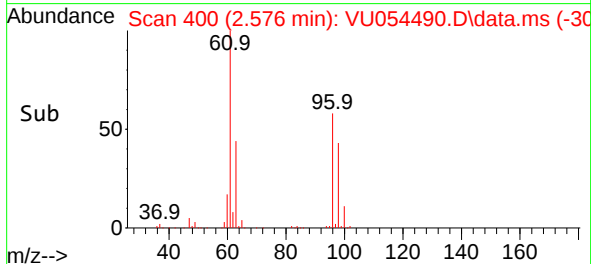
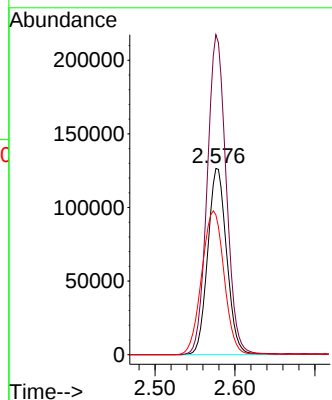
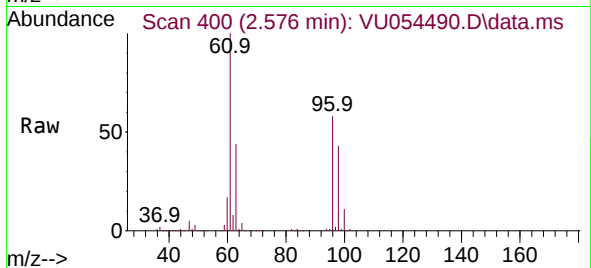




#12
1,1-Dichloroethene
Concen: 10.175 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

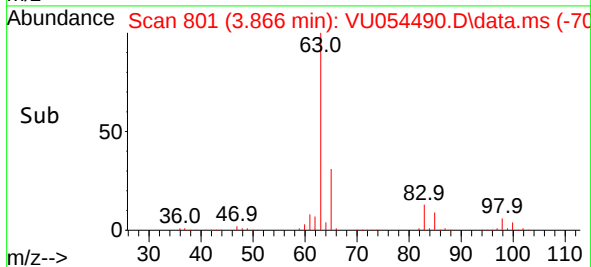
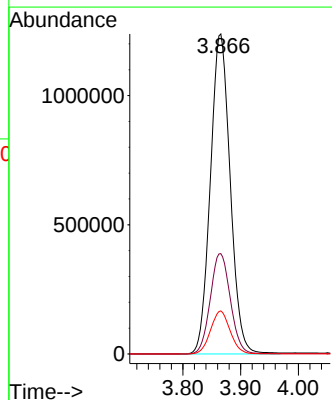
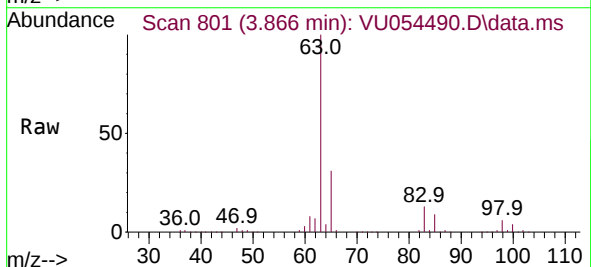
Instrument :
MSVOA_U
ClientSampleId :
CONQ6

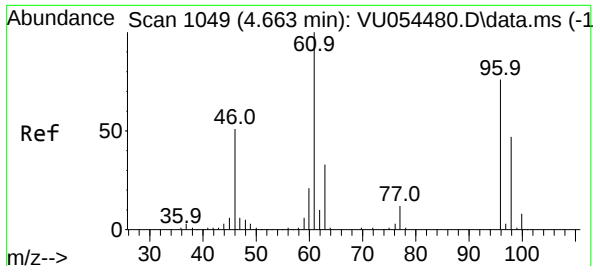
Tgt Ion: 96 Resp: 209158
Ion Ratio Lower Upper
96 100
61 171.8 119.9 222.7
63 75.1 64.3 119.3



#19
1,1-Dichloroethane
Concen: 67.217 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

Tgt Ion: 63 Resp: 2952145
Ion Ratio Lower Upper
63 100
65 31.4 22.2 41.2
83 13.4 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 0.950 ug/L

RT: 4.666 min Scan# 11050

Delta R.T. 0.003 min

Lab File: VU054490.D

Acq: 12 Jun 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

CONQ6

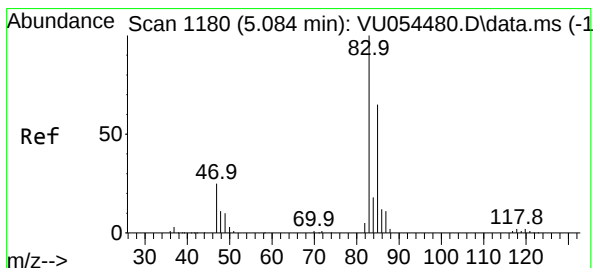
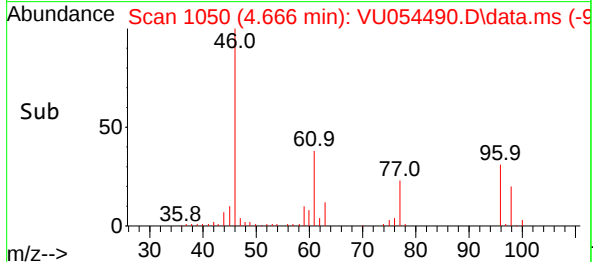
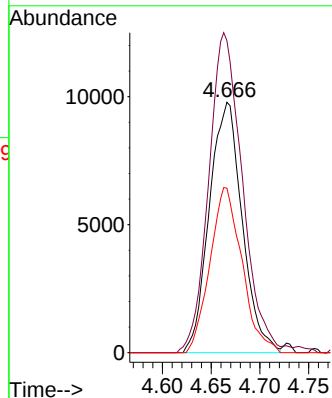
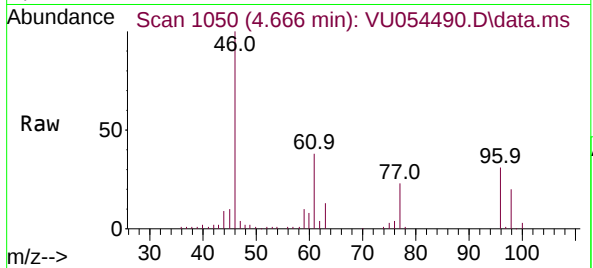
Tgt Ion: 96 Resp: 22964

Ion Ratio Lower Upper

96 100

61 124.6 96.5 179.1

98 65.7 44.9 83.3



#25

Chloroform

Concen: 0.500 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054490.D

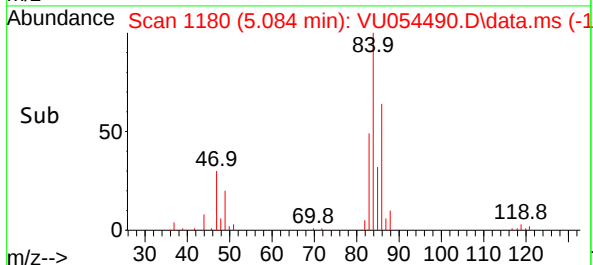
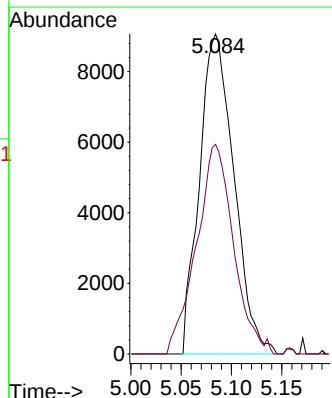
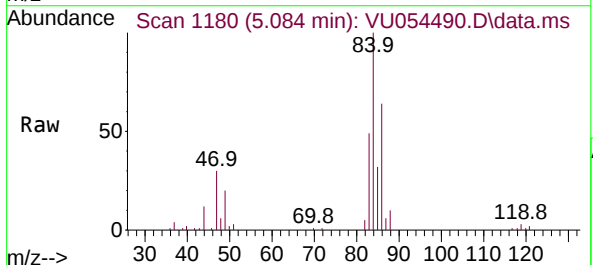
Acq: 12 Jun 2023 16:47

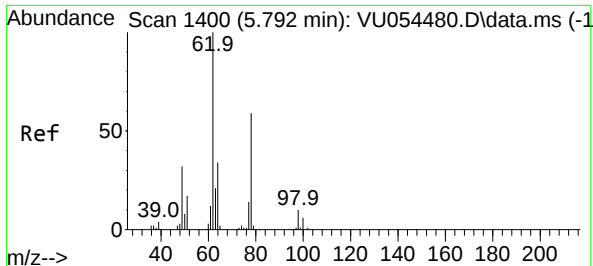
Tgt Ion: 83 Resp: 21633

Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9

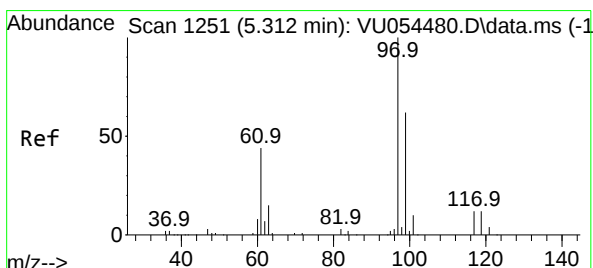
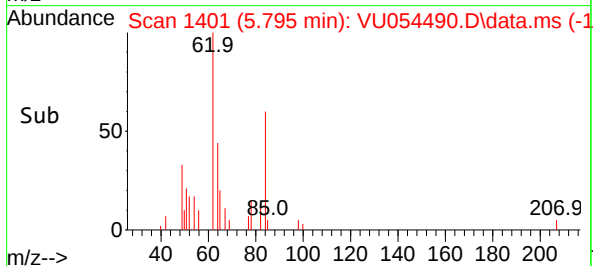
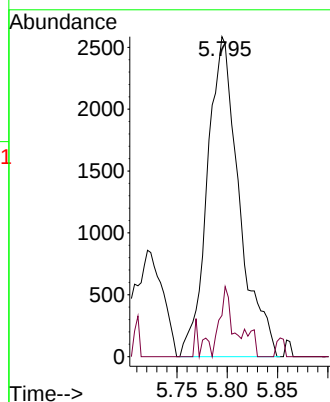
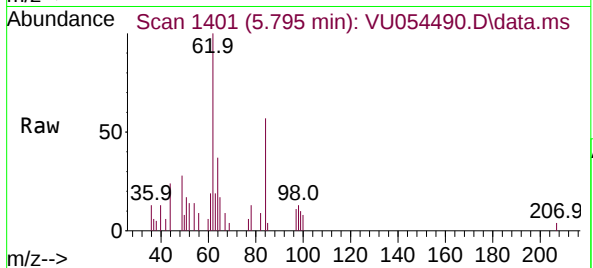




#27
1,2-Dichloroethane
Concen: 0.225 ug/L
RT: 5.795 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

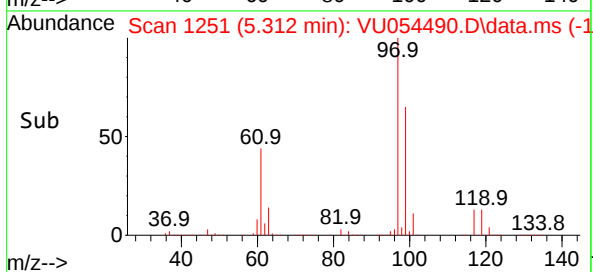
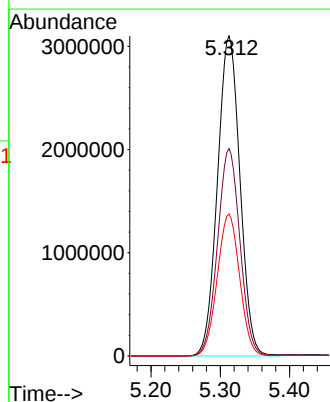
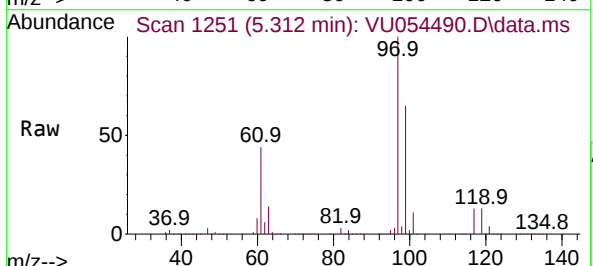
Instrument :
MSVOA_U
ClientSampleId :
CONQ6

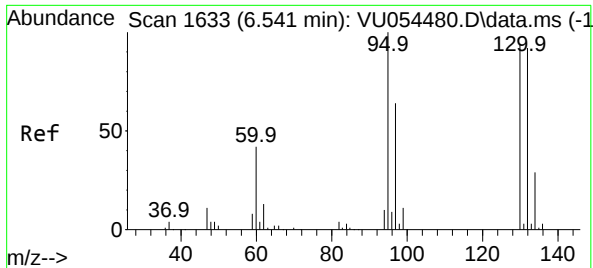
Tgt Ion: 62 Resp: 5701
Ion Ratio Lower Upper
62 100
98 12.9 7.8 11.6#



#29
1,1,1-Trichloroethane
Concen: 189.198 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

Tgt Ion: 97 Resp: 7002386
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 44.3 36.1 54.1



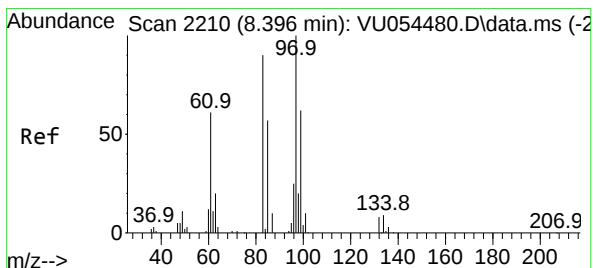
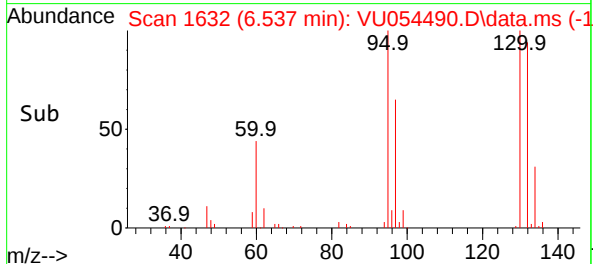
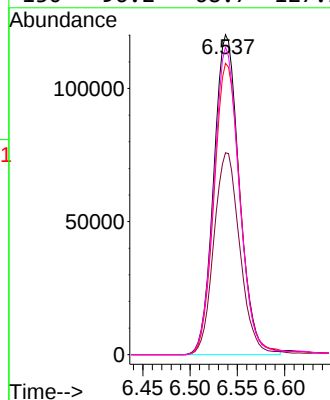
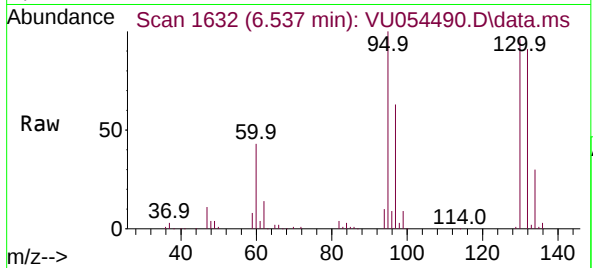


#34
Trichloroethene
Concen: 8.746 ug/L
RT: 6.537 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

Instrument :
MSVOA_U
ClientSampleId :
CONQ6

Tgt Ion: 95 Resp: 226871

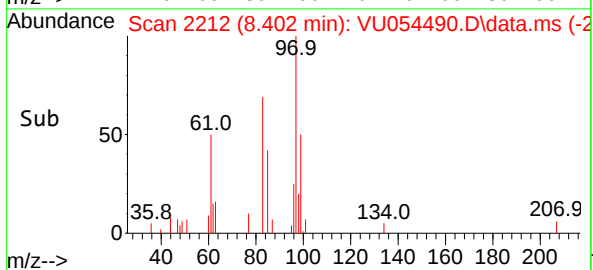
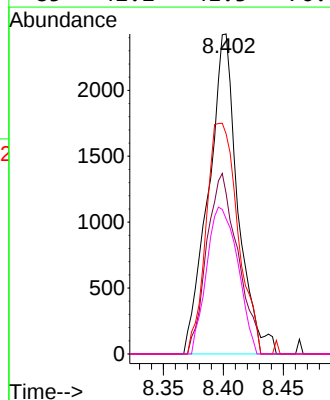
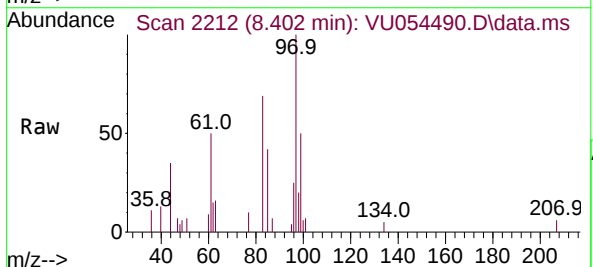
Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.8	87.0
132	91.0	68.4	127.0
130	96.2	68.7	127.5

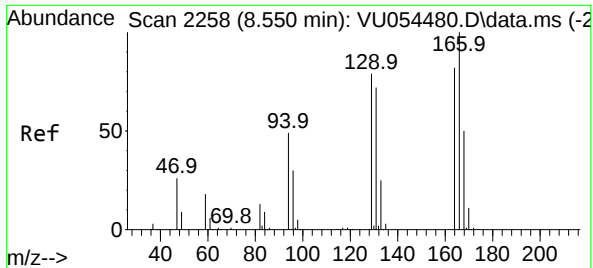


#45
1,1,2-Trichloroethane
Concen: 0.245 ug/L
RT: 8.402 min Scan# 2212
Delta R.T. 0.006 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

Tgt Ion: 97 Resp: 4142

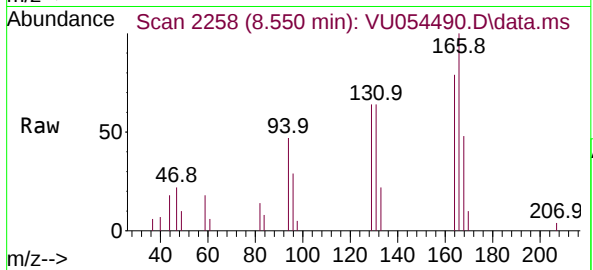
Ion	Ratio	Lower	Upper
97	100		
99	50.2	43.0	80.0
83	68.7	63.8	118.6
85	42.2	41.3	76.7





#47
 Tetrachloroethene
 Concen: 0.235 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU054490.D
 Acq: 12 Jun 2023 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ6



Tgt Ion:	164	Resp:	4674
Ion	Ratio	Lower	Upper
164	100		
129	81.4	67.7	125.7
131	81.6	64.6	120.0
166	127.2	88.1	163.7

