

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
31) Carbon tetrachloride	5.312	117	921206	28.886	ug/L	100
34) Trichloroethene	6.537	95	226871	8.746	ug/L	96
35) Methylcyclohexane	6.689	83	22618	0.577	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10547	0.398	ug/L #	90
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
48) 2-Hexanone	8.682	43	14015	1.329	ug/L #	82
49) Dibromochloromethane	8.553	129	3854	0.218	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14856	1.095	ug/L #	68

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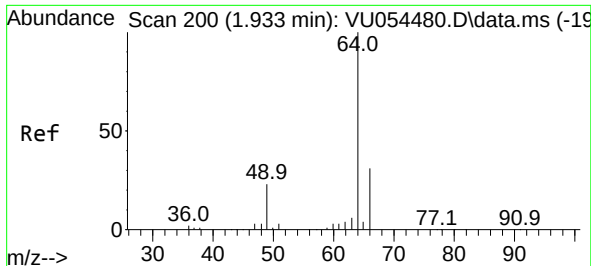
Quant Time: Jun 13 02:30:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
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#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 :

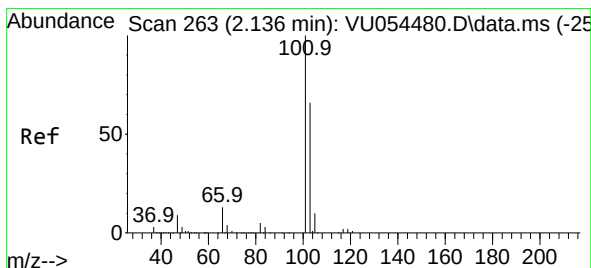
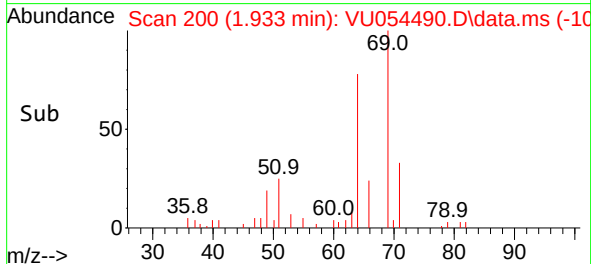
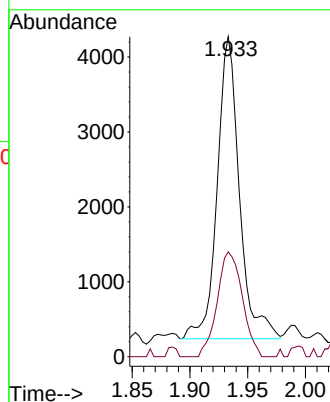
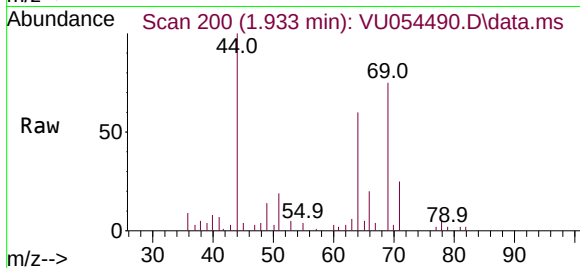
CONQ6

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

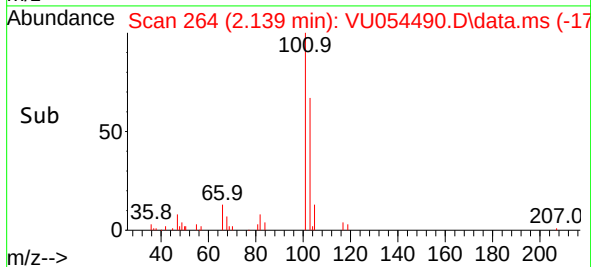
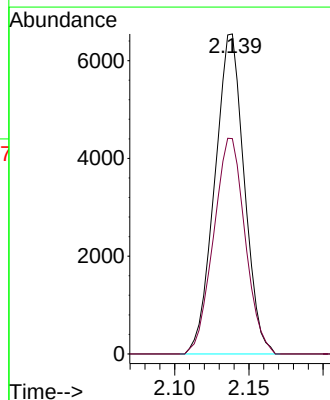
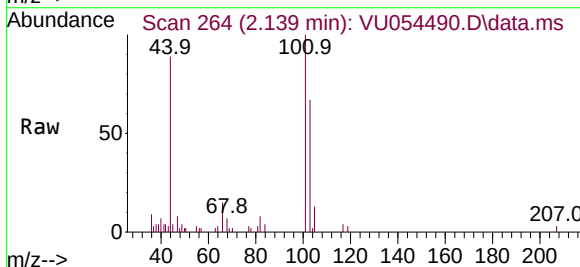
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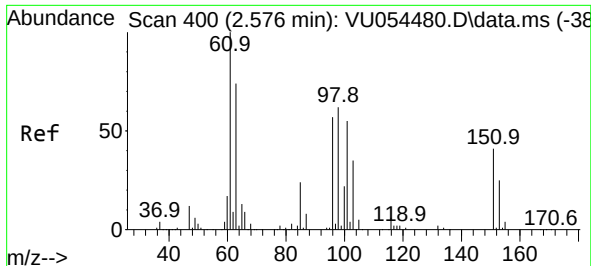
Tgt Ion:101 Resp: 9044

Ion Ratio Lower Upper

101 100

103 72.0 50.6 75.8

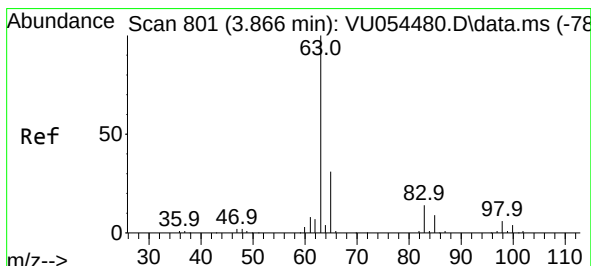
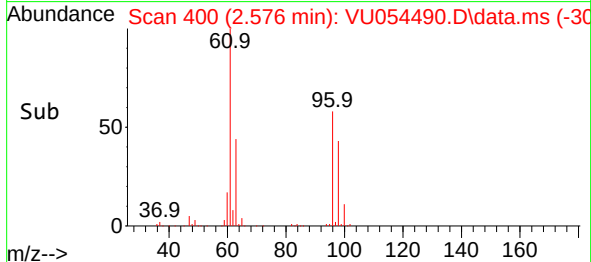
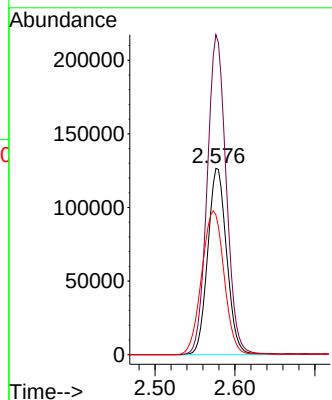
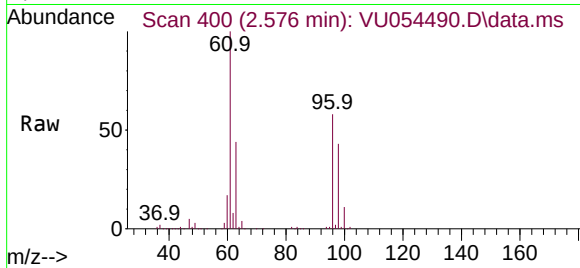




#12
1,1-Dichloroethene
Concen: 10.175 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

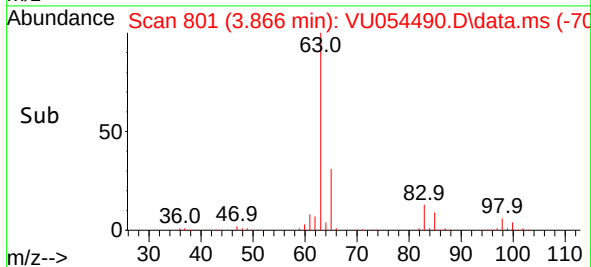
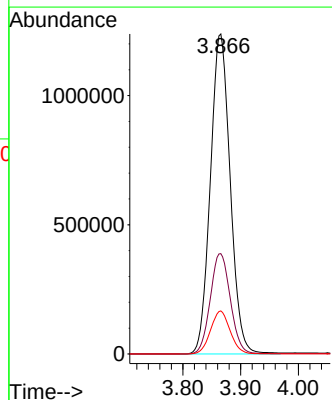
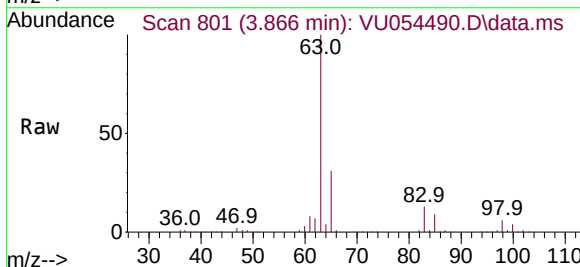
Instrument :
MSVOA_U
ClientSampleId :
CONQ6

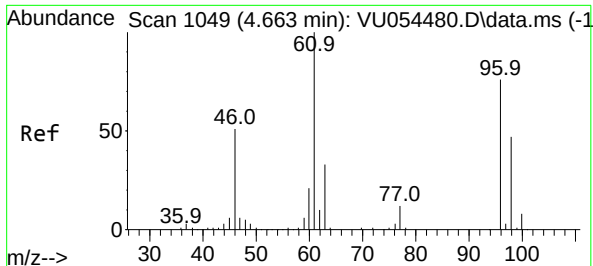
Tgt Ion: 96 Resp: 209158
Ion Ratio Lower Upper
96 100
61 171.8 119.9 222.7
63 75.1 64.3 119.3



#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# 1105

Delta R.T. 0.003 min

Lab File: VU054490.D

Acq: 12 Jun 2023 16:47

Instrument :

MSVOA_U

ClientSampleId :

CONQ6

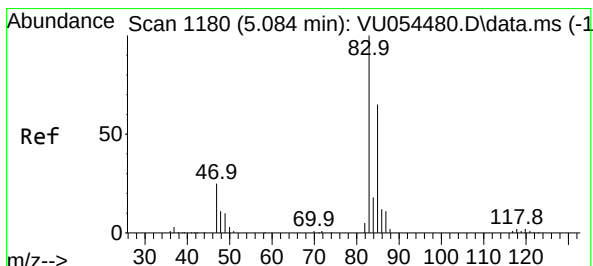
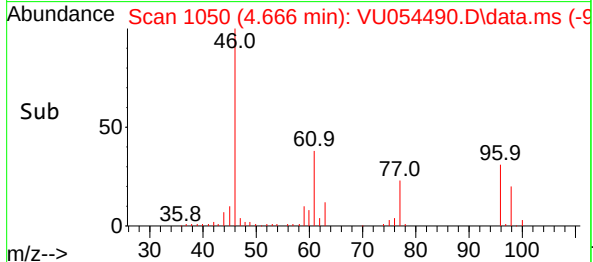
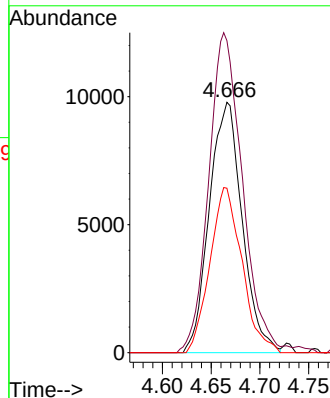
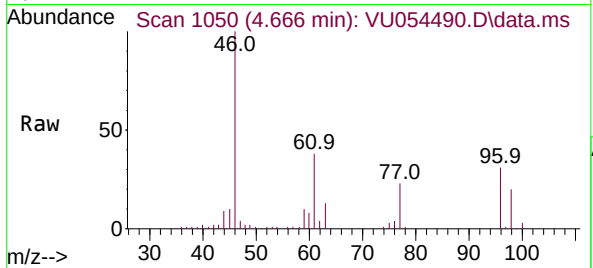
Tgt Ion: 96 Resp: 22964

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

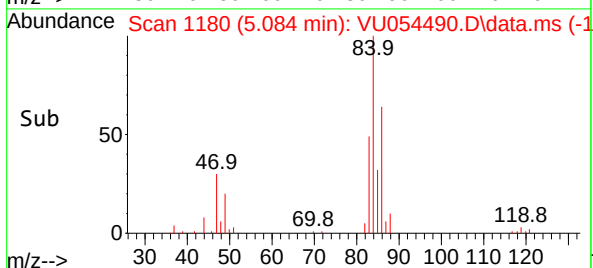
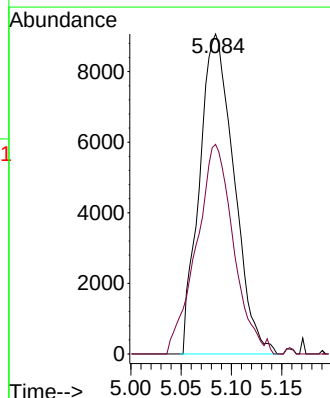
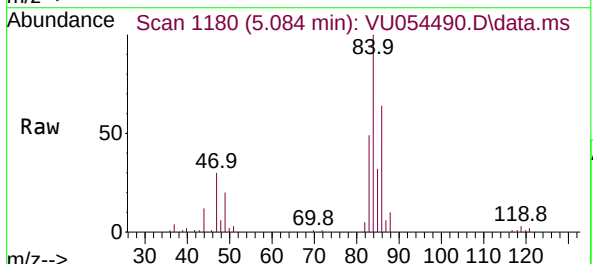
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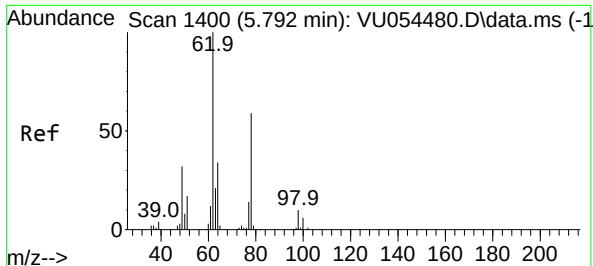
Tgt Ion: 83 Resp: 21633

Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9

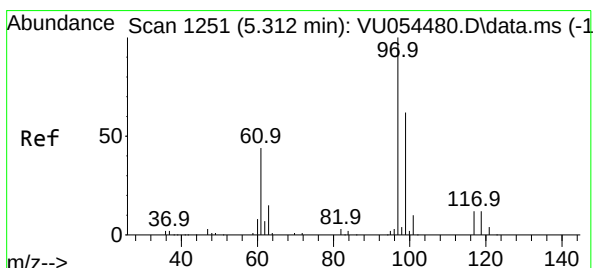
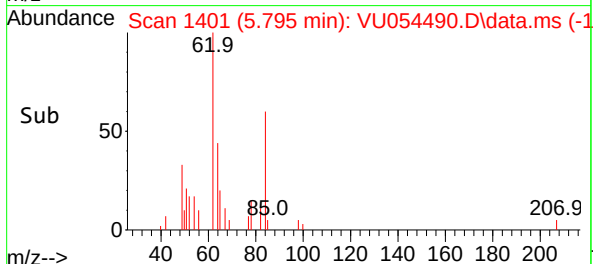
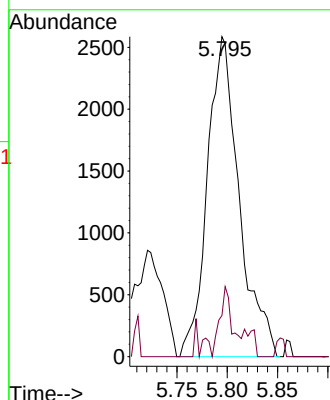
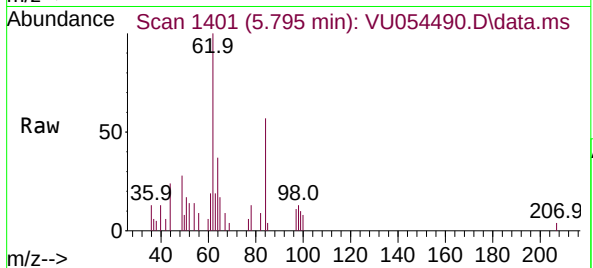




#27
1,2-Dichloroethane
Concen: 0.225 ug/L
RT: 5.795 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

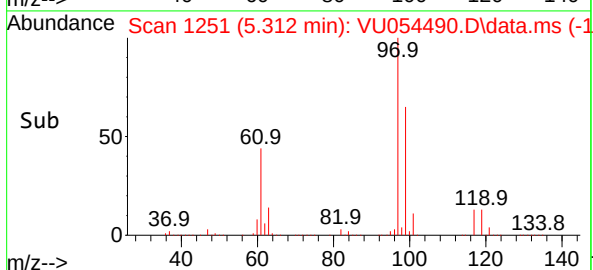
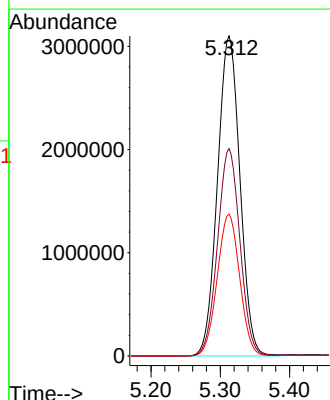
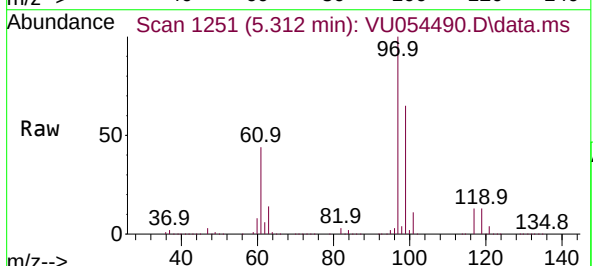
Instrument :
MSVOA_U
ClientSampleId :
CONQ6

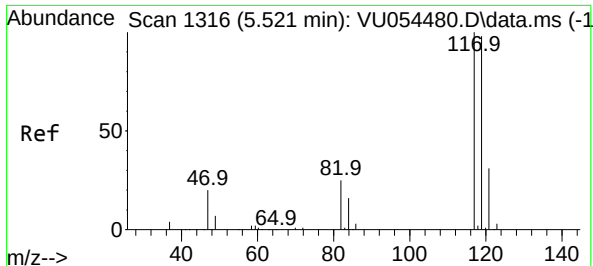
Tgt Ion: 62 Resp: 5701
Ion Ratio Lower Upper
62 100
98 12.9 7.8 11.6#



#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

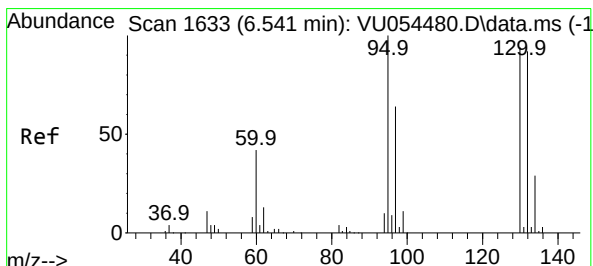
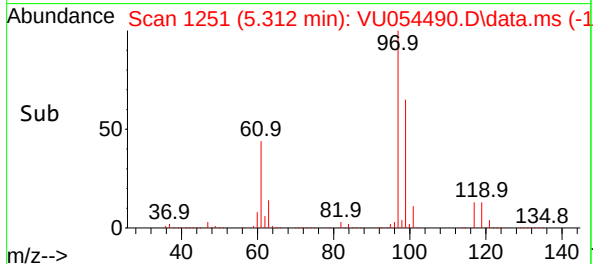
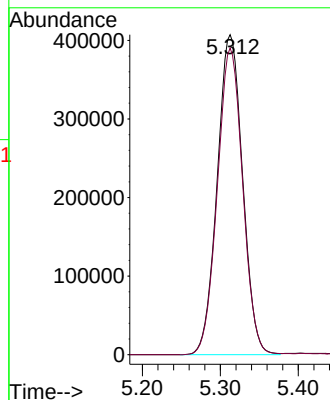
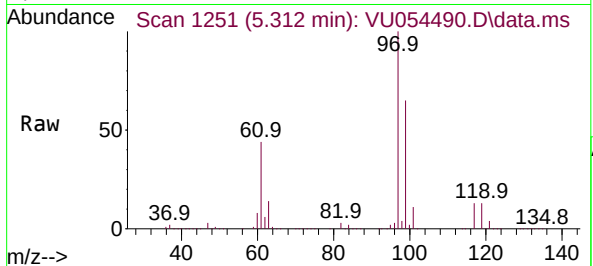




#31
Carbon tetrachloride
Concen: 28.886 ug/L
RT: 5.312 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

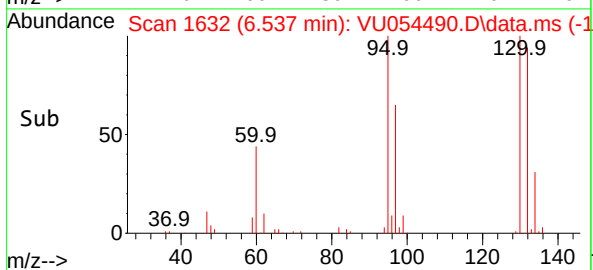
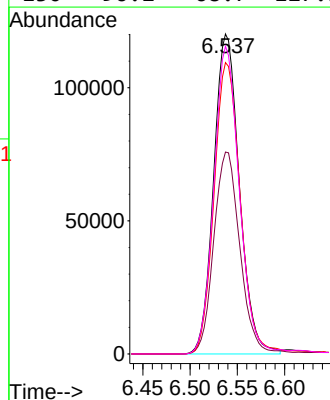
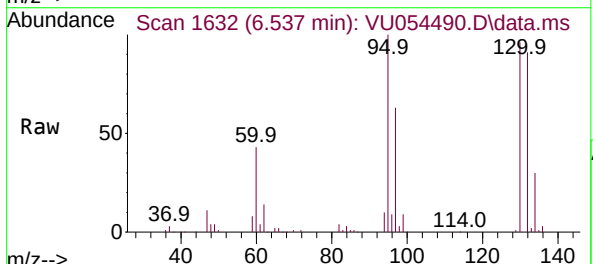
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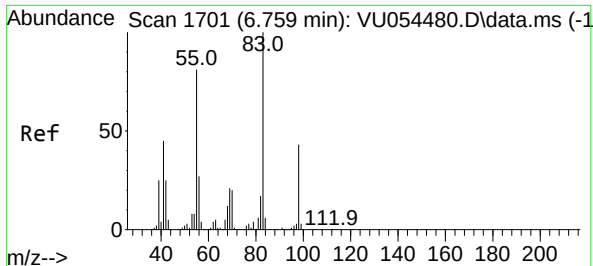
Tgt Ion:117 Resp: 921206
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2



#34
Trichloroethene
Concen: 8.746 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

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

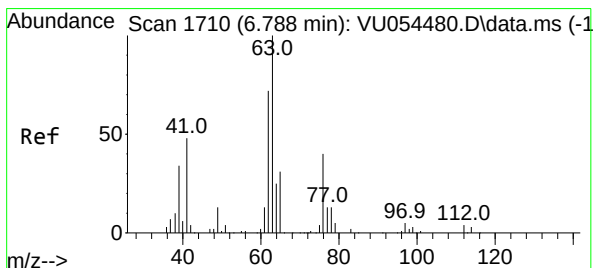
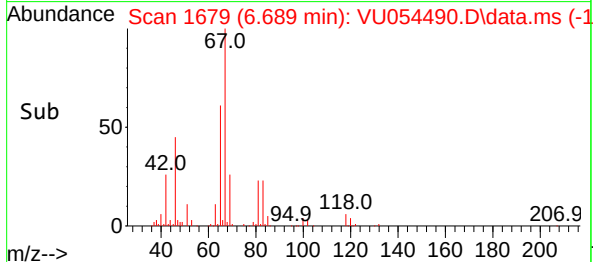
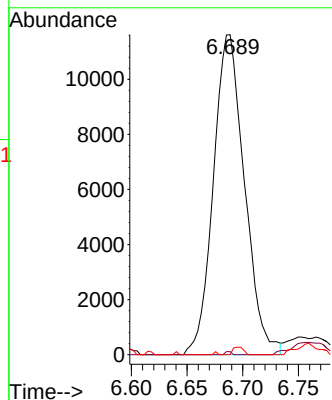
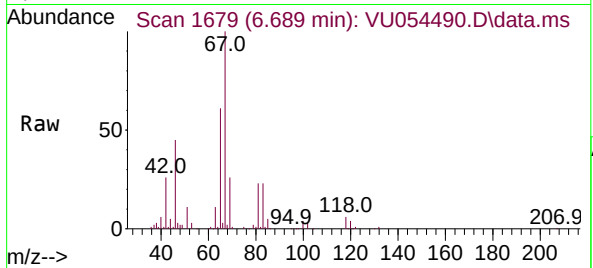




#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

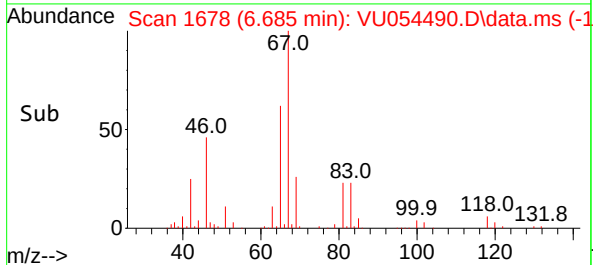
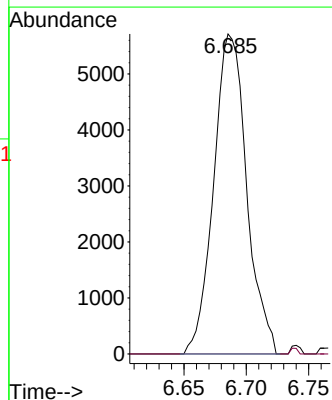
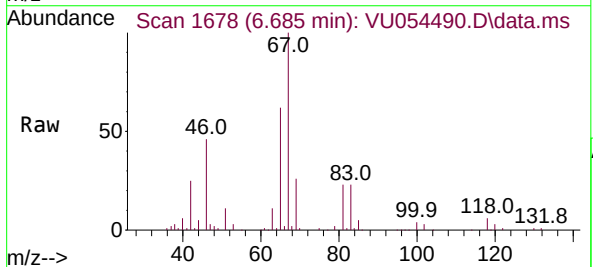
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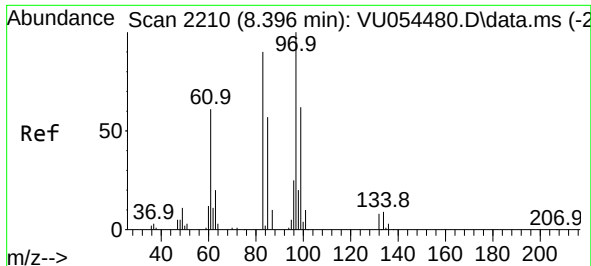
Tgt Ion: 83 Resp: 22618
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.398 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

Tgt Ion: 63 Resp: 10547
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#

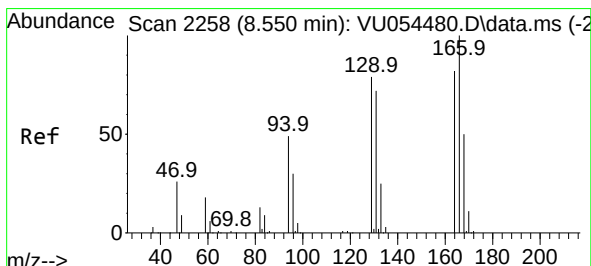
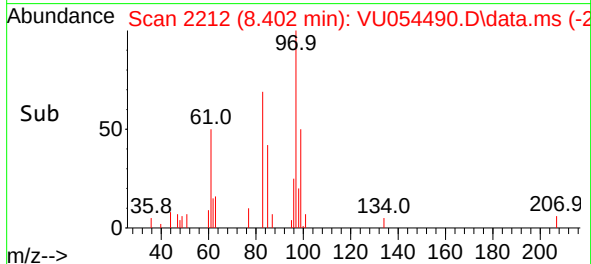
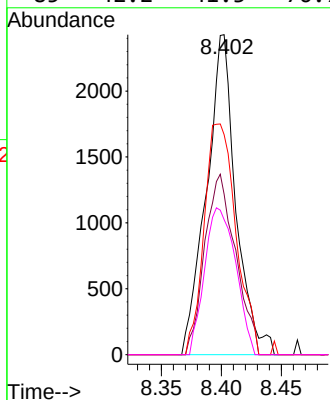
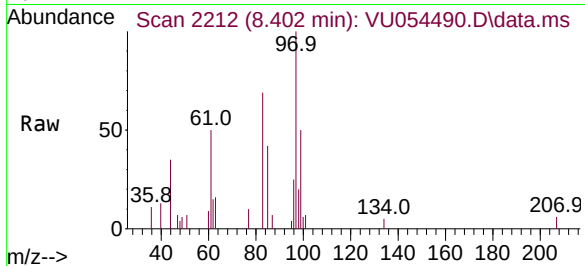




#45
1,1,2-Trichloroethane
Concen: 0.245 ug/L
RT: 8.402 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

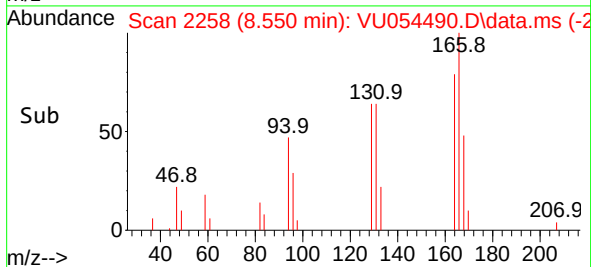
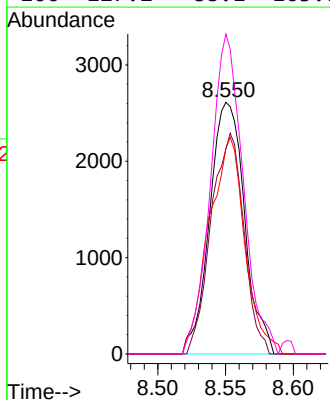
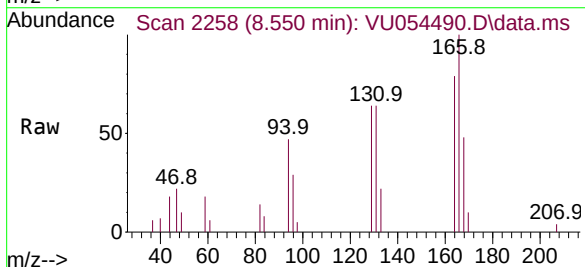
Instrument :
MSVOA_U
ClientSampleId :
CONQ6

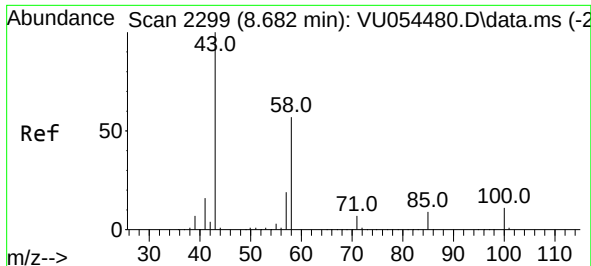
Tgt Ion: 97	Resp:	4142	
Ion	Ratio	Lower	Upper
97	100		
99	50.2	43.0	80.0
83	68.7	63.8	118.6
85	42.2	41.3	76.7



#47
Tetrachloroethene
Concen: 0.235 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

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

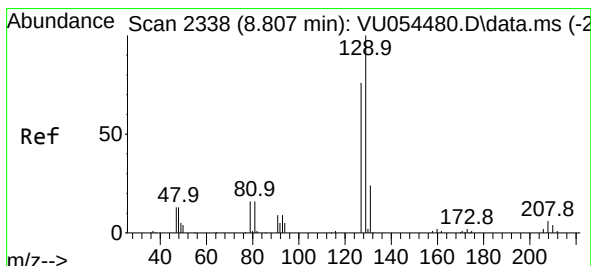
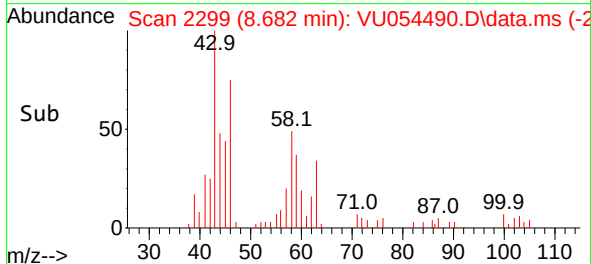
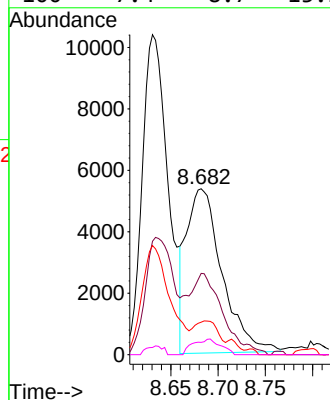
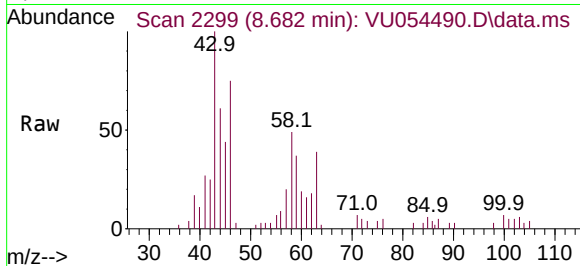




#48
2-Hexanone
Concen: 1.329 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

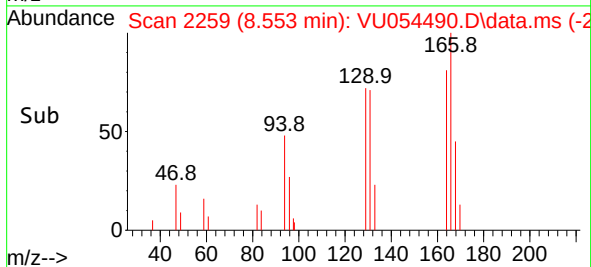
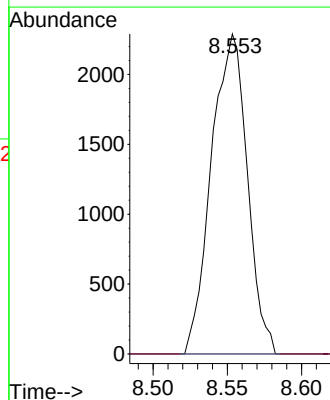
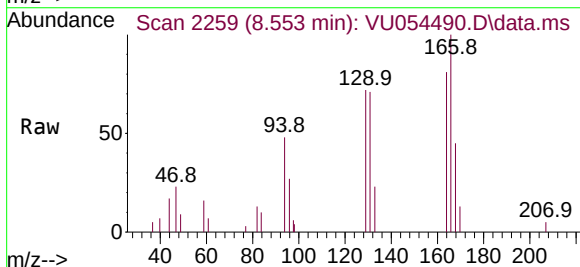
Instrument :
MSVOA_U
ClientSampleId :
CONQ6

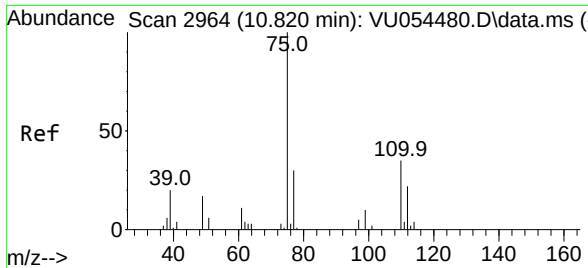
Tgt Ion: 43 Resp: 14015
Ion Ratio Lower Upper
43 100
58 41.2 45.2 67.8#
57 12.8 15.8 23.6#
100 7.4 8.7 13.1#



#49
Dibromochloromethane
Concen: 0.218 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054490.D
Acq: 12 Jun 2023 16:47

Tgt Ion: 129 Resp: 3854
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.095 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054490.D
 Acq: 12 Jun 2023 16:47

Instrument :
 MSVOA_U
 ClientSampleId :
 CONQ6

Tgt Ion:	75	Resp:	14856
Ion	Ratio	Lower	Upper
75	100		
110	3.1	28.0	42.0#
77	35.4	25.4	38.2

