

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054930.D
 Acq On : 28 Aug 2023 17:48
 Operator : MD/SY
 Sample : 04173-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

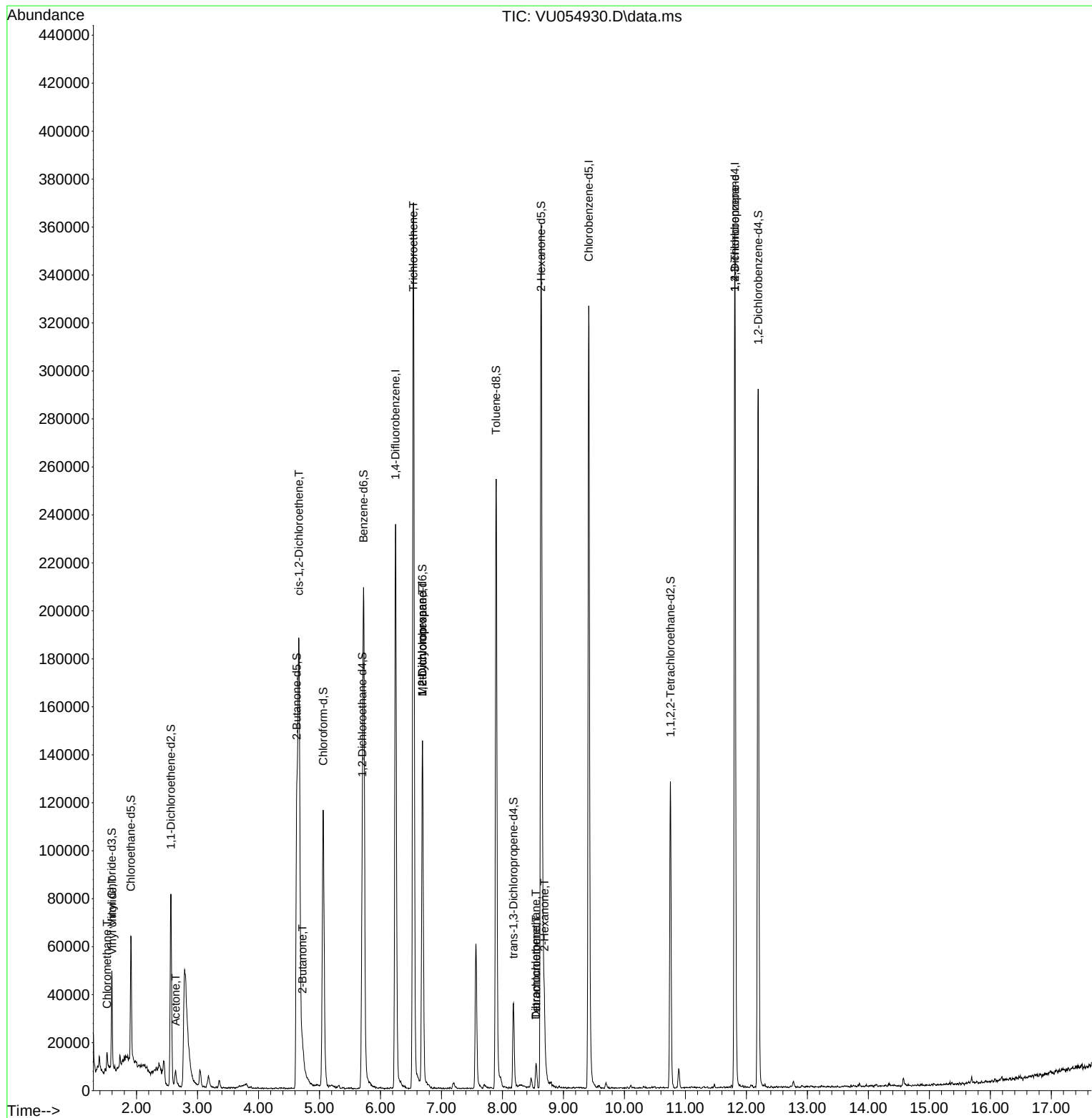
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187732	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26844	4.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	35763	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.563	65	15186	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.628	46	182670	57.114	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.220%
24) Chloroform-d	5.062	84	102503	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.701	65	60642	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.724	84	187248	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	66867	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.898	98	173887	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.180	79	20865	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.634	63	120083	54.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.320%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61623	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	71234	5.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5327	0.439	ug/L	91
5) Vinyl chloride	1.602	62	1843	0.146	ug/L #	68
13) Acetone	2.641	43	9661	5.588	ug/L	99
21) 2-Butanone	4.721	43	22753	8.589	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	78911	7.145	ug/L	96
34) Trichloroethene	6.541	95	122501	10.436	ug/L	96
35) Methylcyclohexane	6.689	83	15875	0.914	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7864	0.666	ug/L #	90
47) Tetrachloroethene	8.553	164	1870	0.222	ug/L	88
48) 2-Hexanone	8.688	43	17221	3.532	ug/L #	94
49) Dibromochloromethane	8.550	129	2061	0.223	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	12870	1.953	ug/L #	68

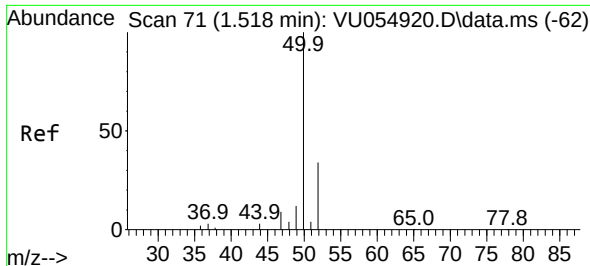
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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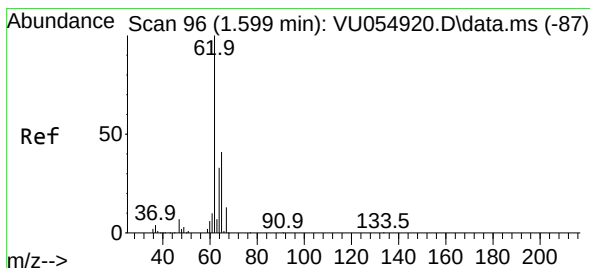
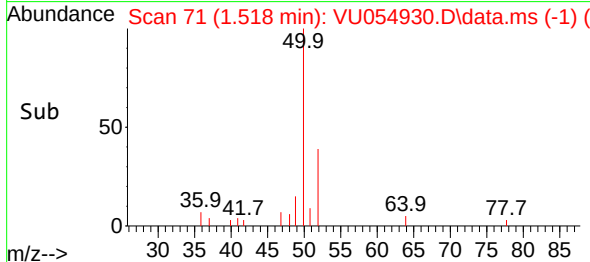
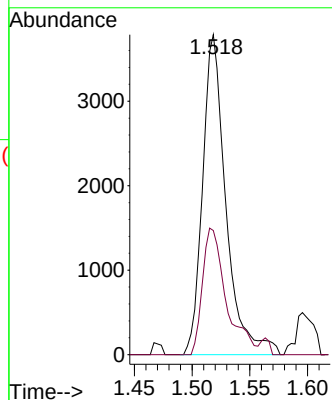
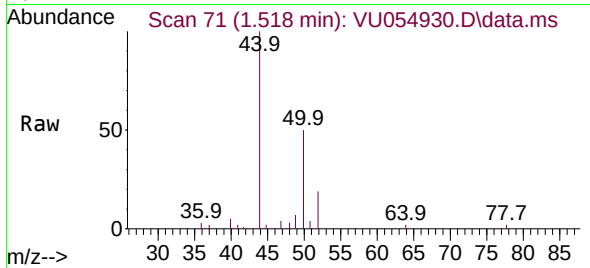




#3
Chloromethane
Concen: 0.439 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

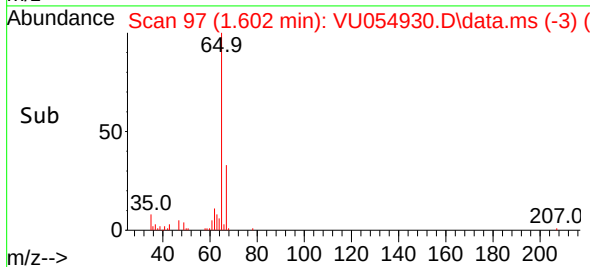
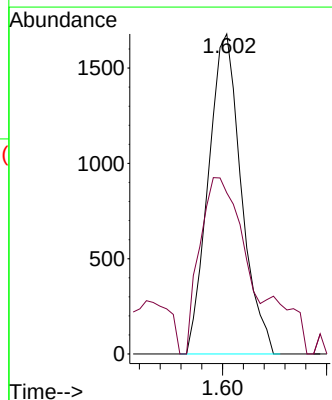
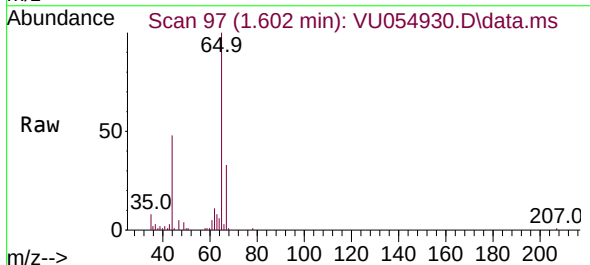
Instrument :
MSVOA_U
ClientSampleId :

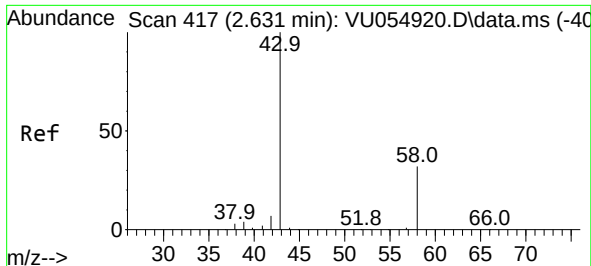
Tgt Ion: 50 Resp: 5327
Ion Ratio Lower Upper
50 100
52 38.8 23.4 43.6



#5
Vinyl chloride
Concen: 0.146 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

Tgt Ion: 62 Resp: 1843
Ion Ratio Lower Upper
62 100
64 50.4 22.7 42.1#





#13

Acetone

Concen: 5.588 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054930.D

Acq: 28 Aug 2023 17:48

Instrument :

MSVOA_U

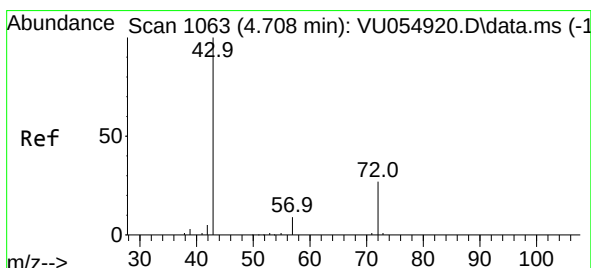
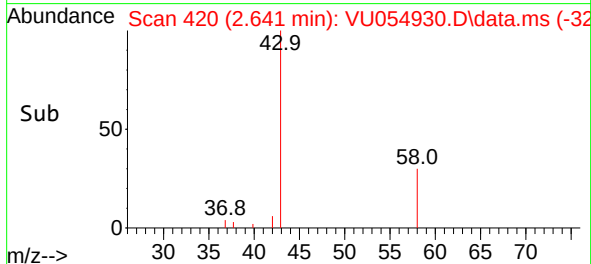
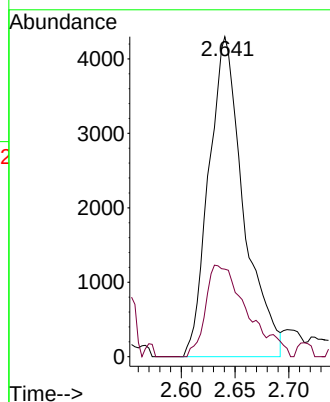
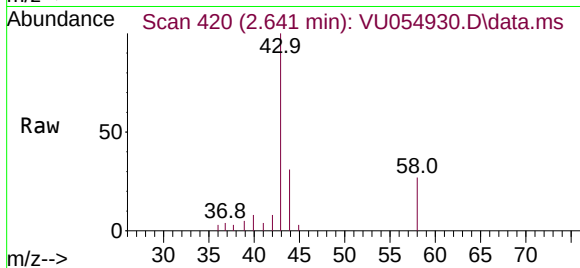
ClientSampleId :

Tgt Ion: 43 Resp: 9661

Ion Ratio Lower Upper

43 100

58 31.6 0.0 64.4



#21

2-Butanone

Concen: 8.589 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VU054930.D

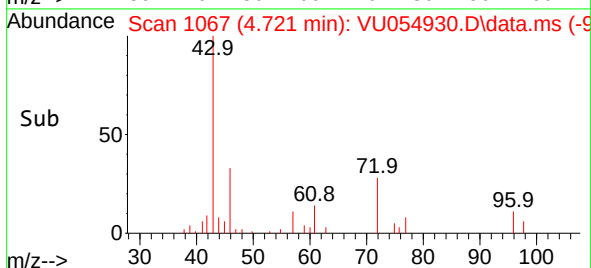
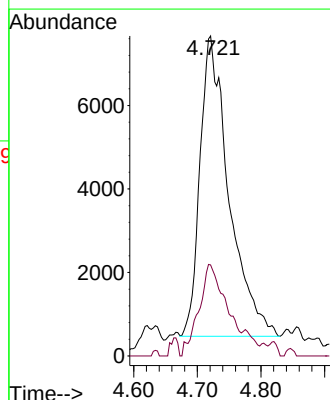
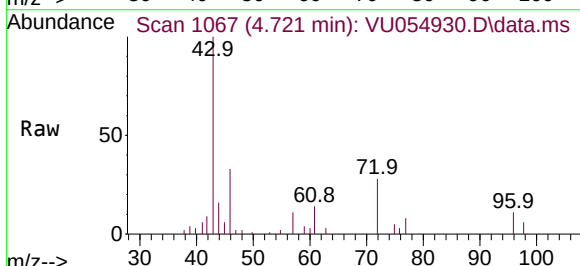
Acq: 28 Aug 2023 17:48

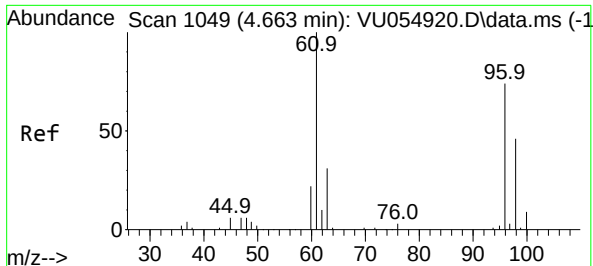
Tgt Ion: 43 Resp: 22753

Ion Ratio Lower Upper

43 100

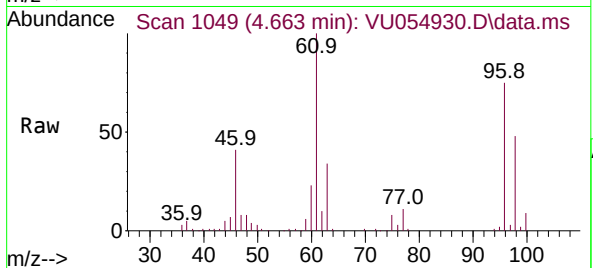
72 28.8 14.1 42.3





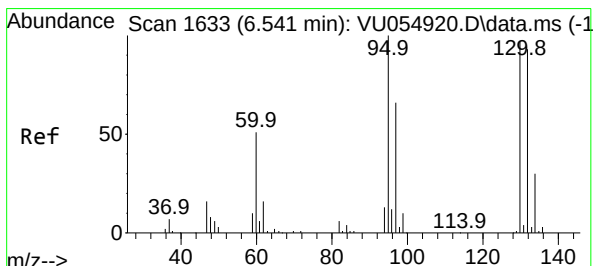
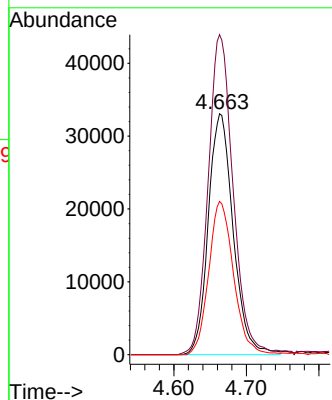
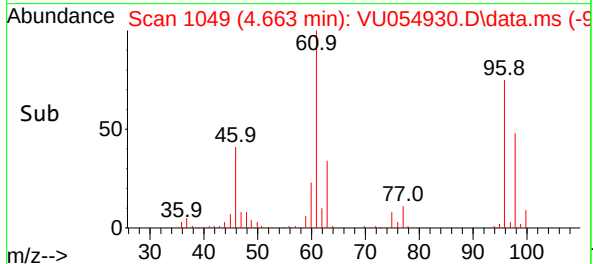
#22
 cis-1,2-Dichloroethene
 Concen: 7.145 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054930.D
 Acq: 28 Aug 2023 17:48

Instrument :
 MSVOA_U
 ClientSampleId :

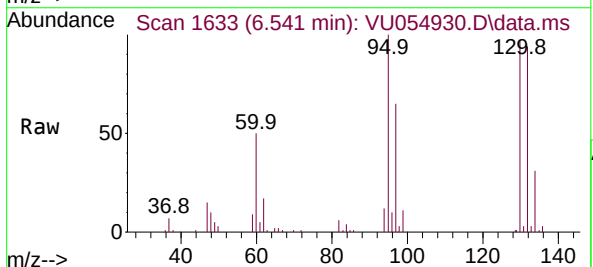


Tgt Ion: 96 Resp: 78911

Ion	Ratio	Lower	Upper
96	100		
61	132.8	88.4	164.2
98	63.6	44.0	81.6

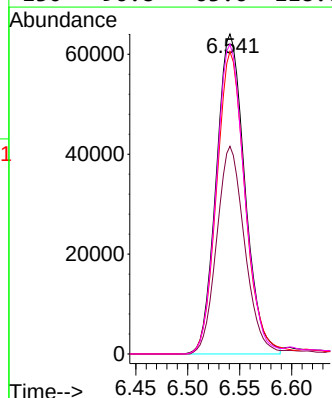
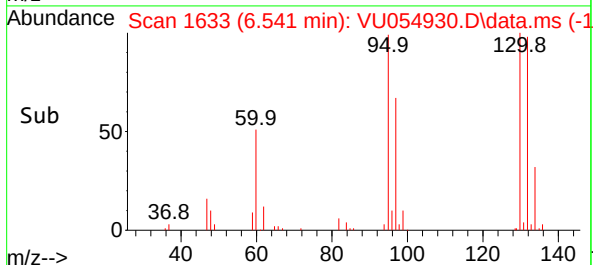


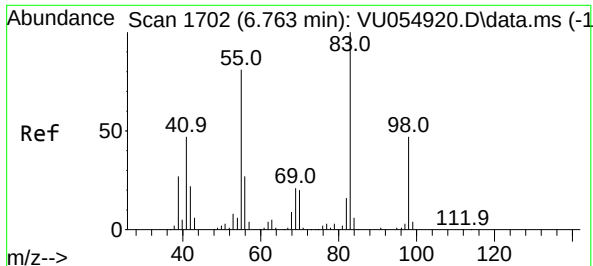
#34
 Trichloroethene
 Concen: 10.436 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU054930.D
 Acq: 28 Aug 2023 17:48



Tgt Ion: 95 Resp: 122501

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.1	81.9
132	94.5	63.6	118.2
130	96.8	63.6	118.0

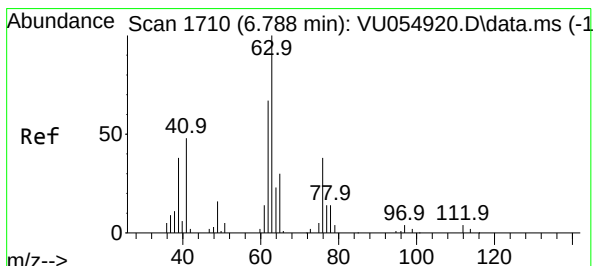
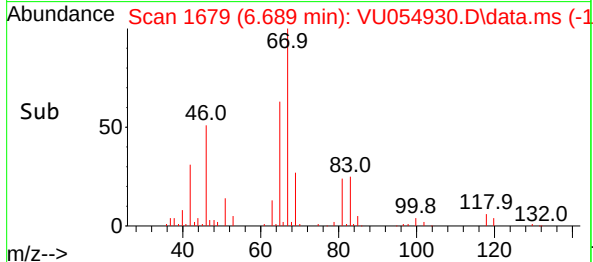
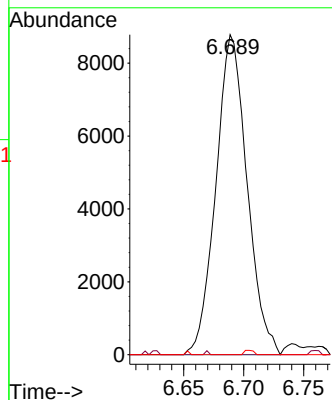
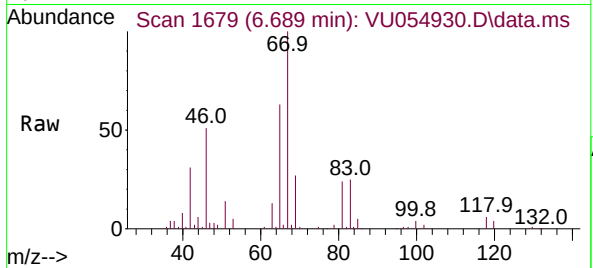




#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

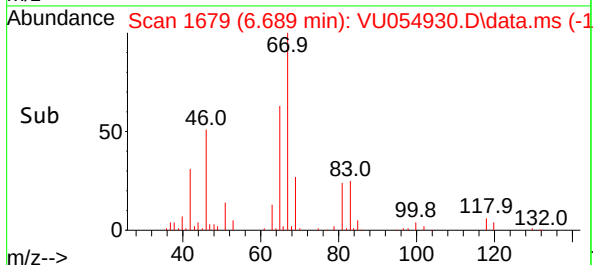
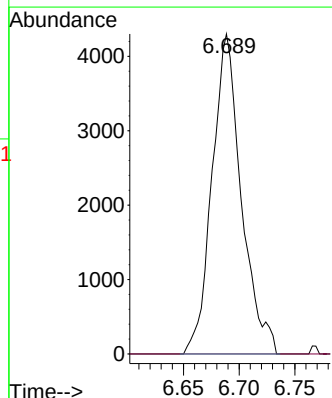
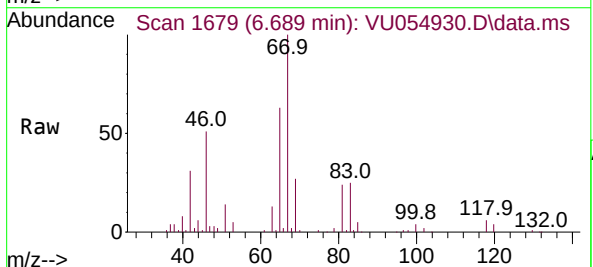
Instrument :
MSVOA_U
ClientSampleId :

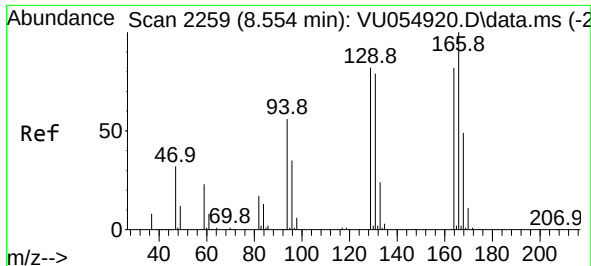
Tgt Ion: 83 Resp: 15875
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

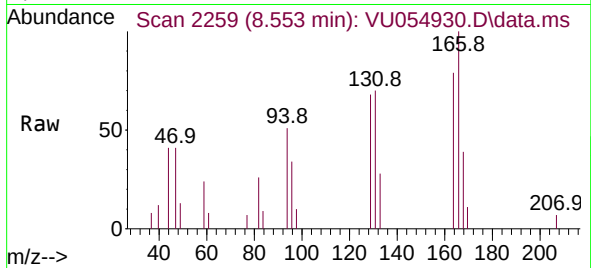
Tgt Ion: 63 Resp: 7864
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



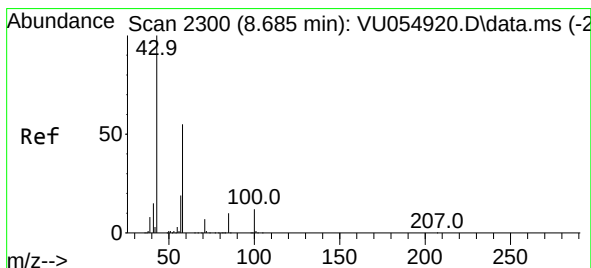
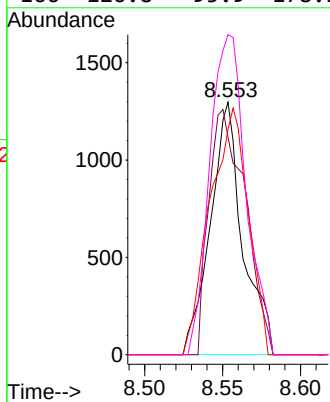
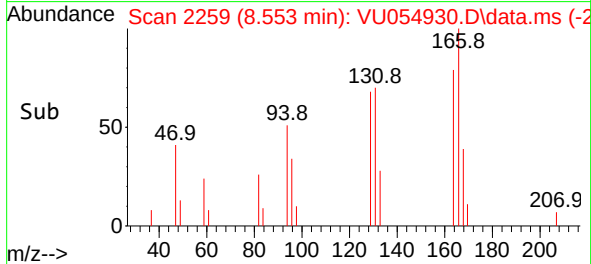


#47
Tetrachloroethene
Concen: 0.222 ug/L
RT: 8.553 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

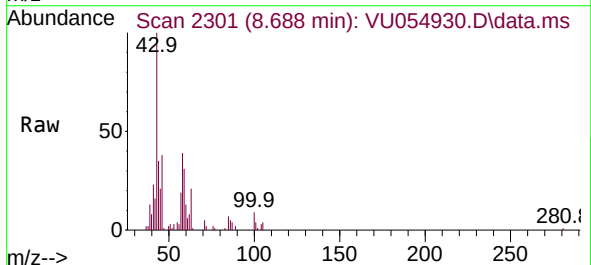
Instrument :
MSVOA_U
ClientSampleId :



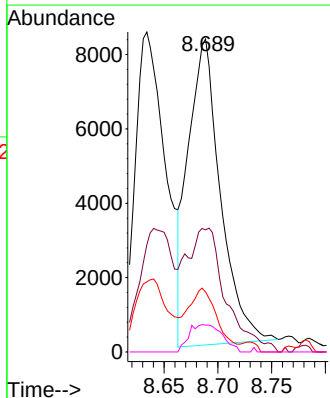
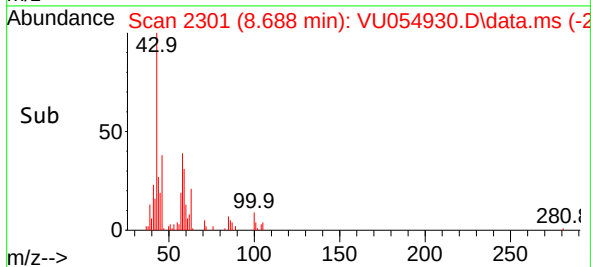
Tgt Ion:164 Resp: 1870
Ion Ratio Lower Upper
164 100
129 86.3 72.8 135.2
131 89.2 70.7 131.3
166 126.8 95.9 178.1

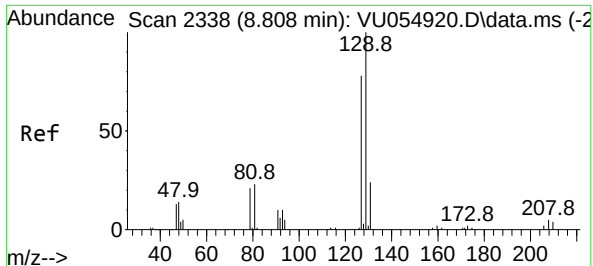


#48
2-Hexanone
Concen: 3.532 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48



Tgt Ion: 43 Resp: 17221
Ion Ratio Lower Upper
43 100
58 49.6 44.0 66.0
57 19.1 15.9 23.9
100 9.2 9.4 14.0#





#49

Dibromochloromethane

Concen: 0.223 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054930.D

Acq: 28 Aug 2023 17:48

Instrument :

MSVOA_U

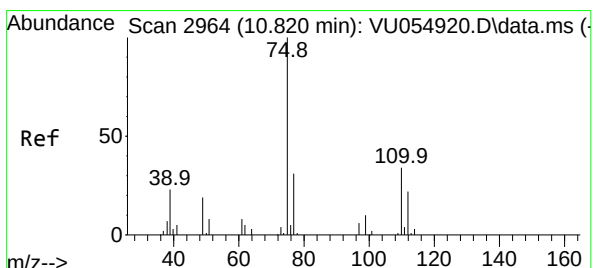
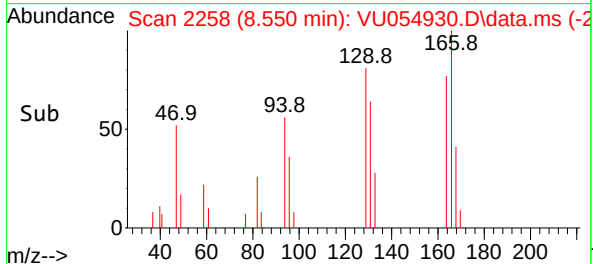
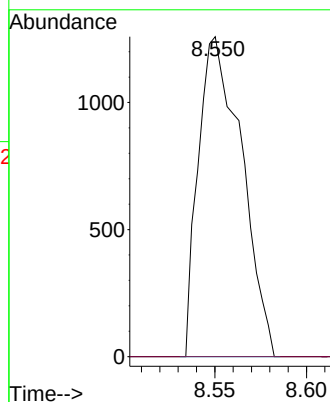
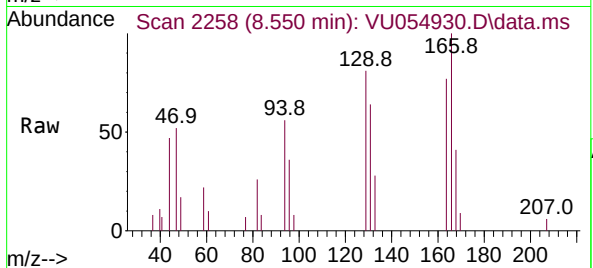
ClientSampleId :

Tgt Ion:129 Resp: 2061

Ion Ratio Lower Upper

129 100

127 0.0 60.5 112.5#



#61

1,2,3-Trichloropropane

Concen: 1.953 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU054930.D

Acq: 28 Aug 2023 17:48

Tgt Ion: 75 Resp: 12870

Ion Ratio Lower Upper

75 100

110 1.2 29.0 43.6#

77 32.4 26.5 39.7

