

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054986.D
 Acq On : 30 Aug 2023 04:07
 Operator : MD/SY
 Sample : 04173-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 04:26:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

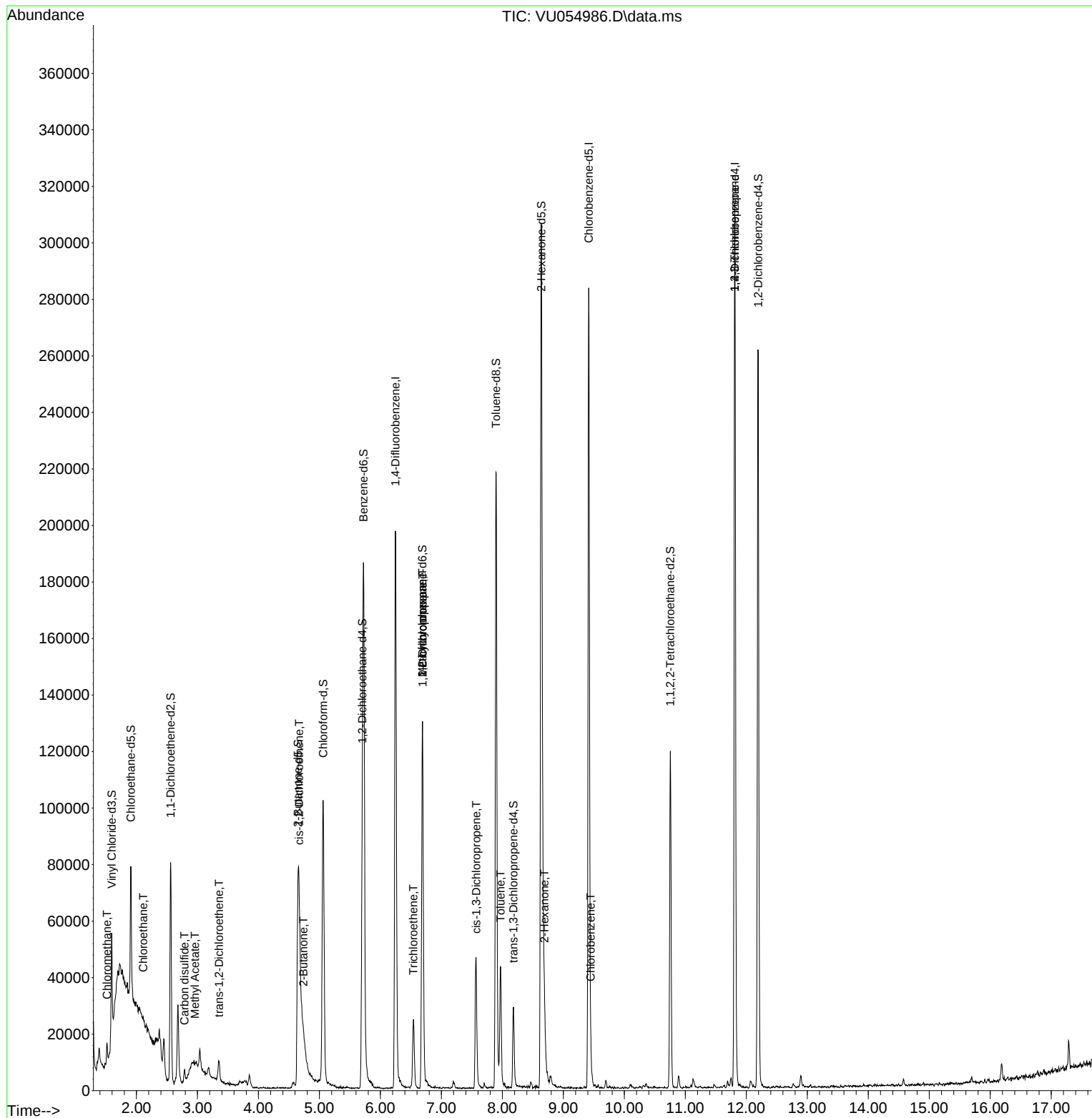
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	159759	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	152794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	78659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	25467	5.051	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.908	69	30492	4.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 93.600%		
11) 1,1-Dichloroethene-d2	2.561	65	14784	5.188	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.800%		
20) 2-Butanone-d5	4.651	46	160195	58.857	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.720%		
24) Chloroform-d	5.062	84	93868	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4	5.702	65	53083	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.724	84	169872	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.000%		
36) 1,2-Dichloropropane-d6	6.689	67	60162	4.980	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.600%		
41) Toluene-d8	7.895	98	147094	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.400%		
43) trans-1,3-Dichloroprop...	8.181	79	16804	4.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.600%		
46) 2-Hexanone-d5	8.638	63	109544	58.057	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.120%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	57411	5.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.800%		
66) 1,2-Dichlorobenzene-d4	12.194	152	64864	5.165	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.516	50	5518	0.534	ug/L	91
8) Chloroethane	2.110	64	3851	0.546	ug/L #	55
14) Carbon disulfide	2.789	76	5602	0.280	ug/L #	89
15) Methyl Acetate	2.959	43	610	0.203	ug/L #	51
18) trans-1,2-Dichloroethene	3.355	96	3036	0.385	ug/L	82
21) 2-Butanone	4.741	43	20174	8.949	ug/L	74
22) cis-1,2-Dichloroethene	4.667	96	9605	1.022	ug/L	96
34) Trichloroethene	6.541	95	8241	0.825	ug/L	87
35) Methylcyclohexane	6.689	83	14028	0.949	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7359	0.732	ug/L #	91
39) cis-1,3-Dichloropropene	7.573	75	1618	0.112	ug/L	89
42) Toluene	7.969	91	31369	0.784	ug/L	97
48) 2-Hexanone	8.689	43	12335	2.973	ug/L #	88
51) Chlorobenzene	9.448	112	3418	0.131	ug/L #	89
61) 1,2,3-Trichloropropane	11.808	75	11469	1.958	ug/L #	69

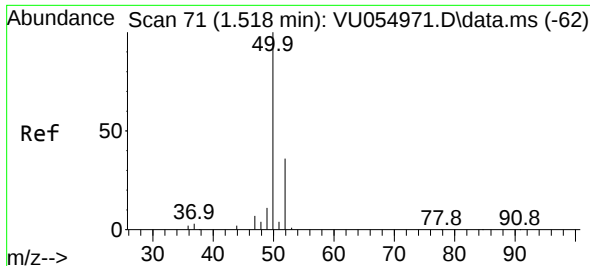
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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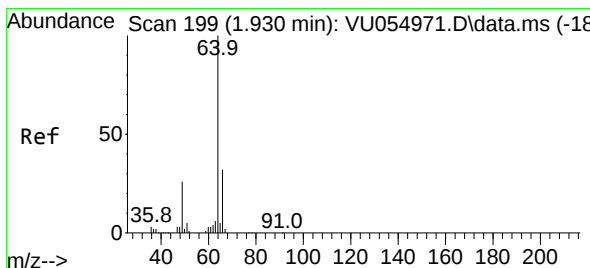
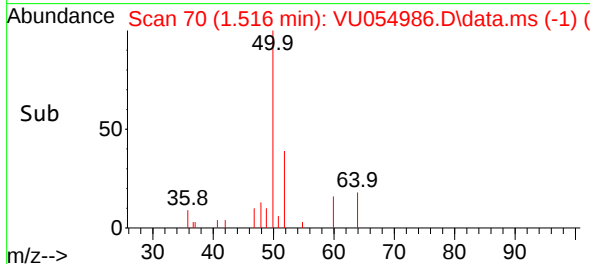
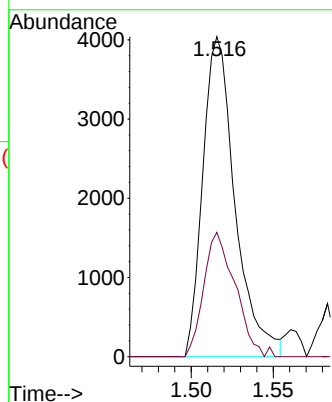
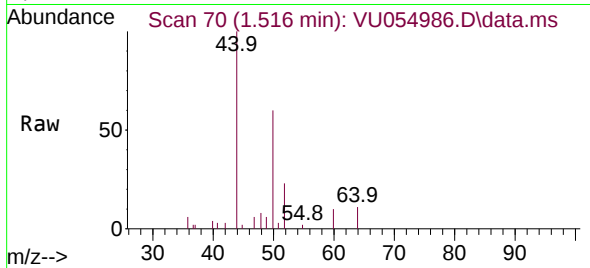




#3
Chloromethane
Concen: 0.534 ug/L
RT: 1.516 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

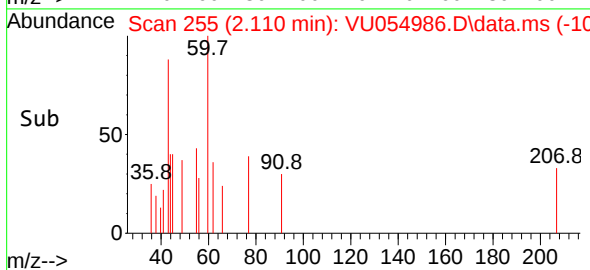
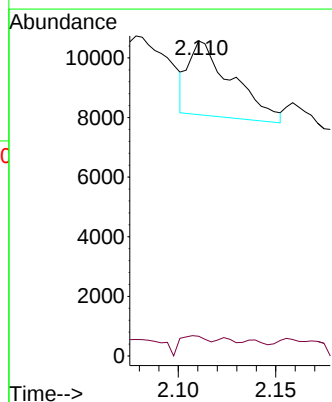
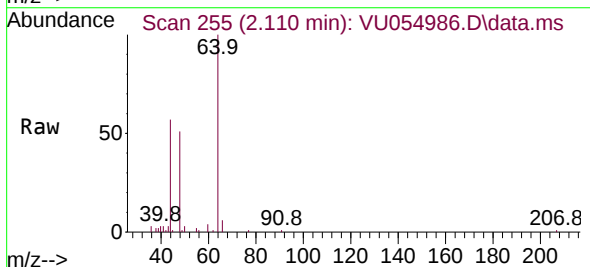
Instrument :
MSVOA_U
ClientSampleId :

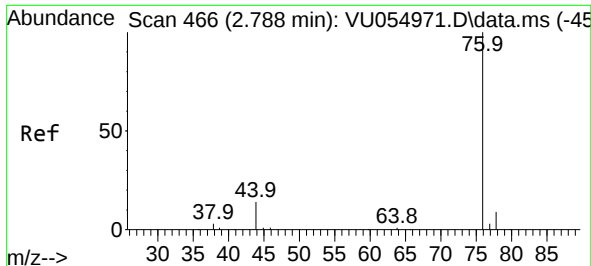
Tgt Ion: 50 Resp: 5518
Ion Ratio Lower Upper
50 100
52 38.9 23.4 43.6



#8
Chloroethane
Concen: 0.546 ug/L
RT: 2.110 min Scan# 255
Delta R.T. 0.181 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

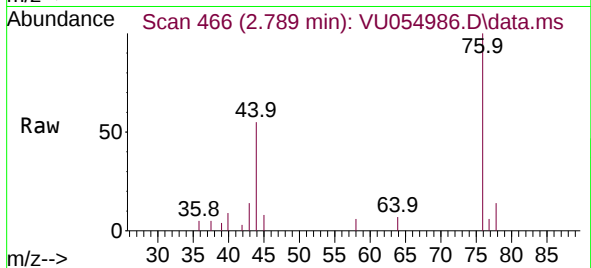
Tgt Ion: 64 Resp: 3851
Ion Ratio Lower Upper
64 100
66 6.3 21.5 39.9#



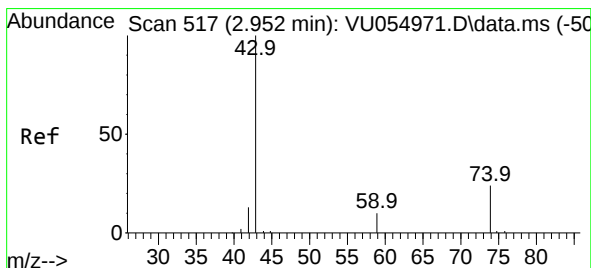
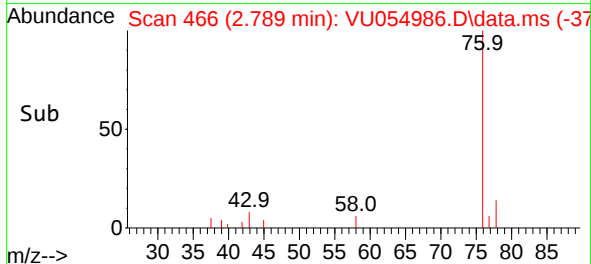
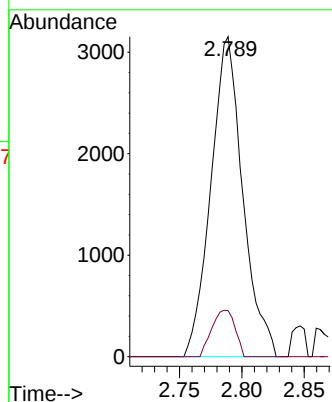


#14
Carbon disulfide
Concen: 0.280 ug/L
RT: 2.789 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

Instrument :
MSVOA_U
ClientSampleId :

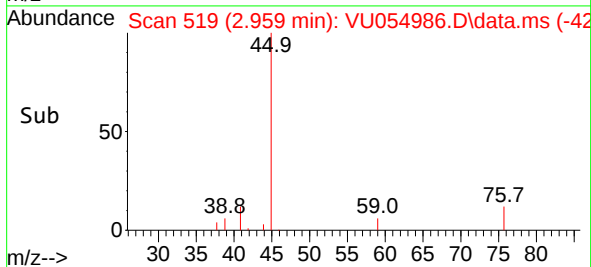
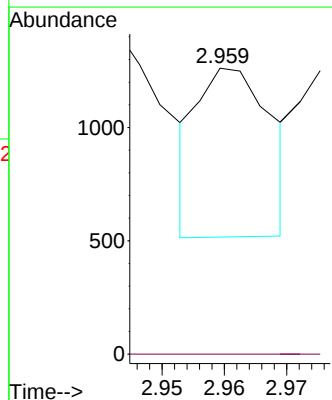
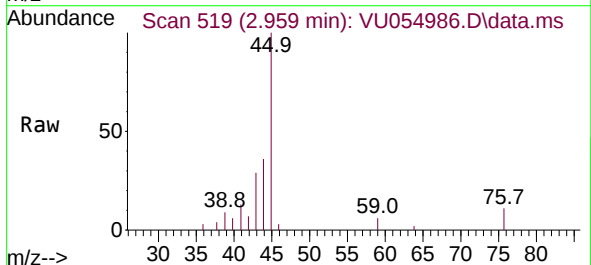


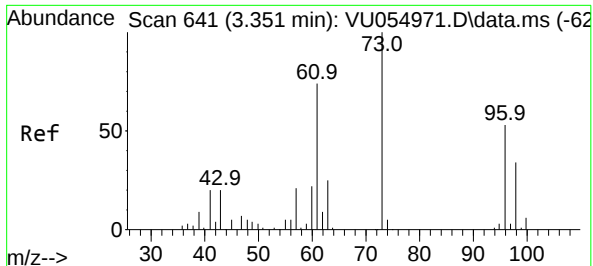
Tgt Ion: 76 Resp: 5602
Ion Ratio Lower Upper
76 100
78 14.4 8.2 12.2#



#15
Methyl Acetate
Concen: 0.203 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.007 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

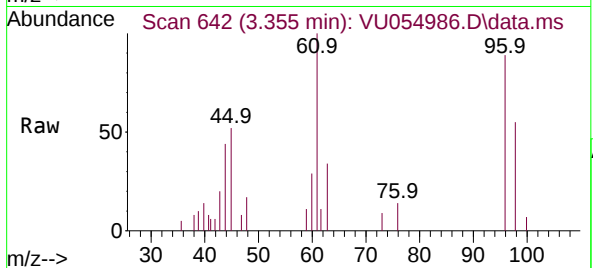
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



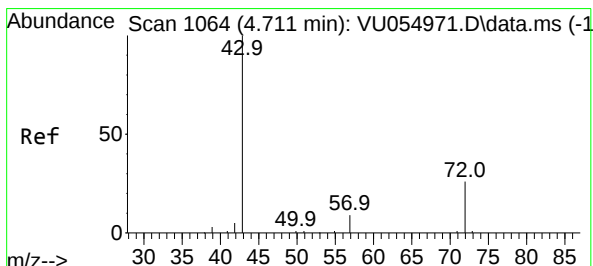
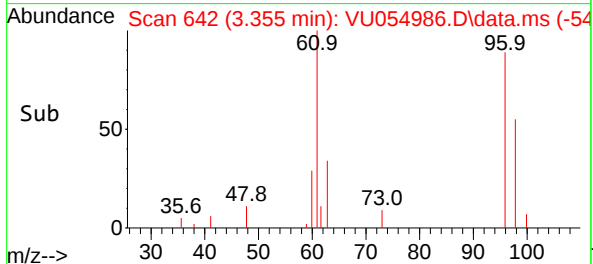
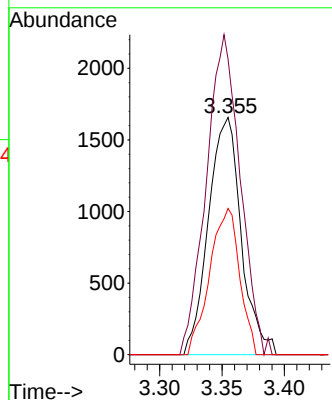


#18
trans-1,2-Dichloroethene
Concen: 0.385 ug/L
RT: 3.355 min Scan# 641
Delta R.T. 0.004 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

Instrument :
MSVOA_U
ClientSampleId :

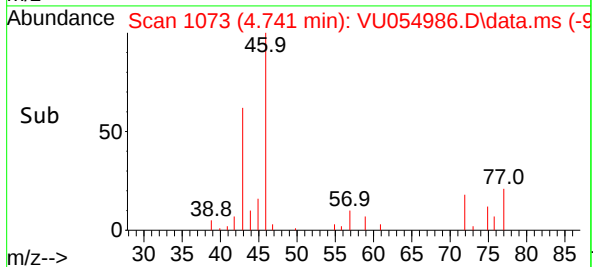
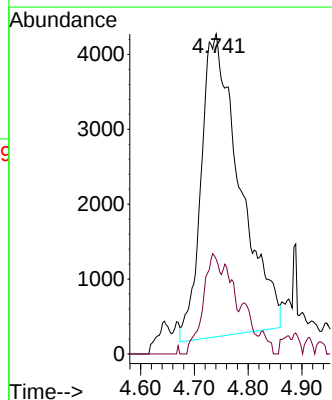
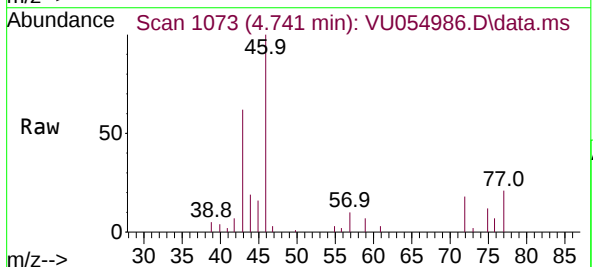


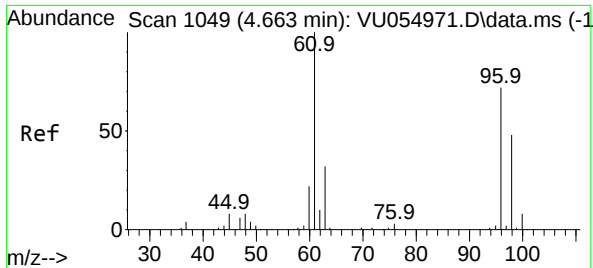
Tgt Ion: 96 Resp: 3036
Ion Ratio Lower Upper
96 100
61 124.6 108.8 202.0
98 61.7 45.8 85.2



#21
2-Butanone
Concen: 8.949 ug/L
RT: 4.741 min Scan# 1073
Delta R.T. 0.029 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

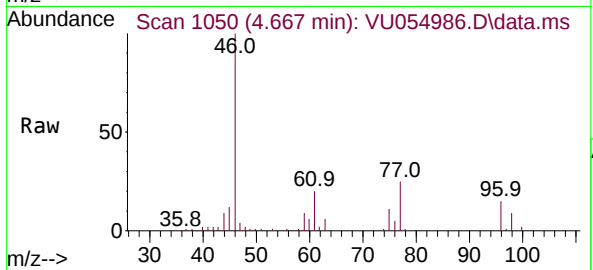
Tgt Ion: 43 Resp: 20174
Ion Ratio Lower Upper
43 100
72 14.7 14.1 42.3





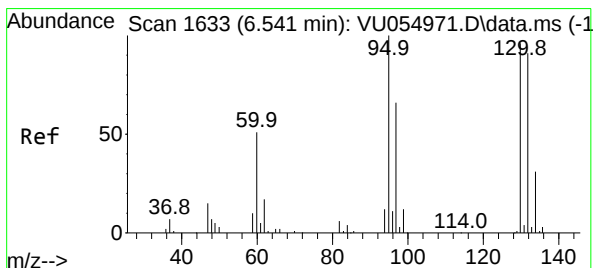
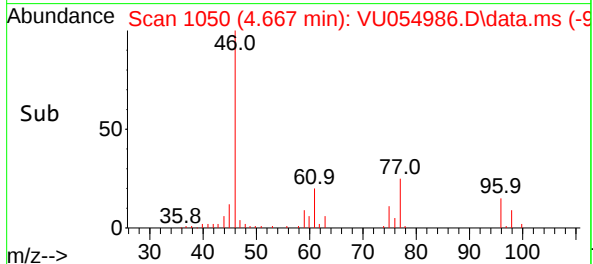
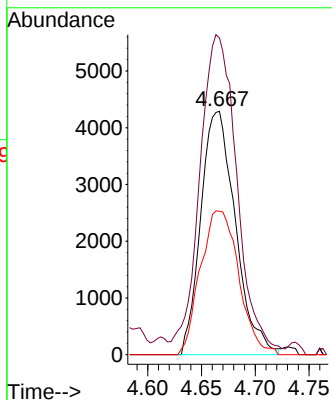
#22
 cis-1,2-Dichloroethene
 Concen: 1.022 ug/L
 RT: 4.667 min Scan# 1050
 Delta R.T. 0.004 min
 Lab File: VU054986.D
 Acq: 30 Aug 2023 04:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 9605

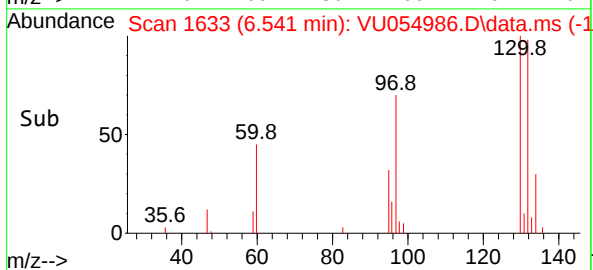
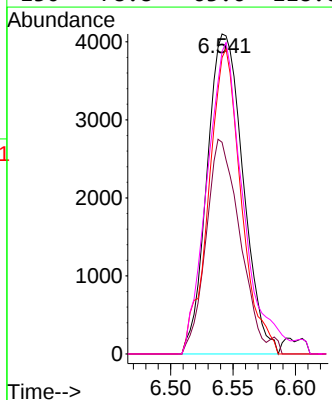
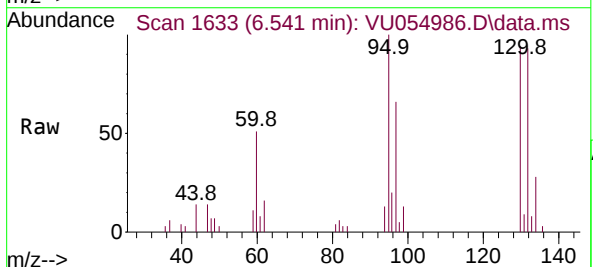
Ion	Ratio	Lower	Upper
96	100		
61	130.2	88.4	164.2
98	58.9	44.0	81.6

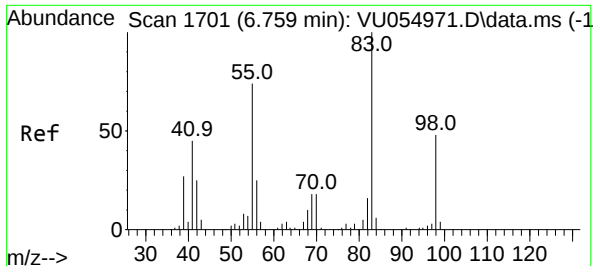


#34
 Trichloroethene
 Concen: 0.825 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU054986.D
 Acq: 30 Aug 2023 04:07

Tgt Ion: 95 Resp: 8241

Ion	Ratio	Lower	Upper
95	100		
97	55.1	44.1	81.9
132	77.2	63.6	118.2
130	78.8	63.6	118.0





#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU054986.D

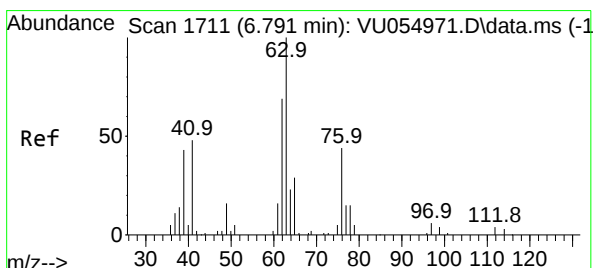
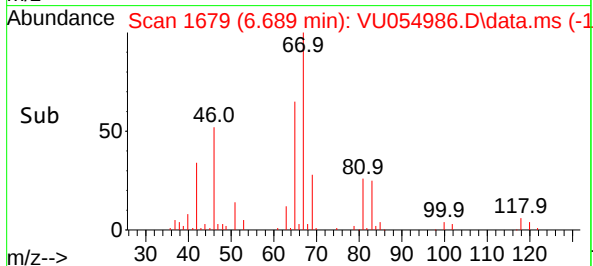
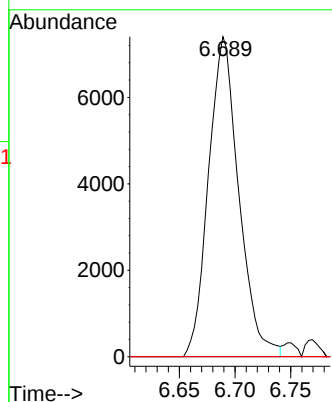
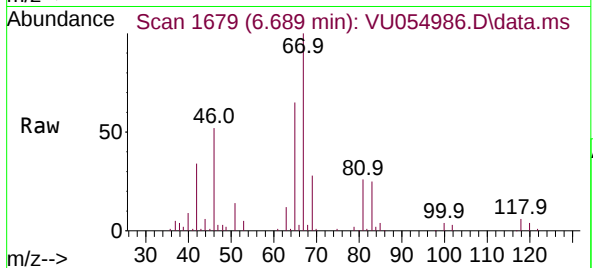
Acq: 30 Aug 2023 04:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14028
Ion Ratio	Lower	Upper	
83	100		
55	0.8	62.1	93.1#
98	1.3	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.732 ug/L

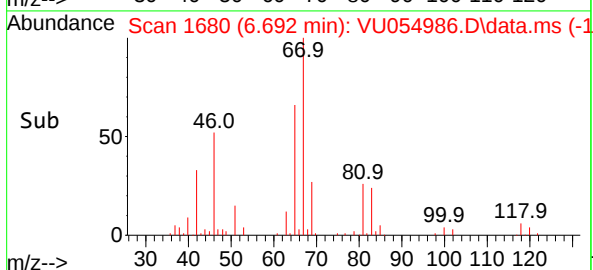
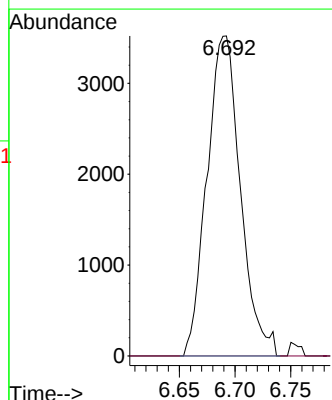
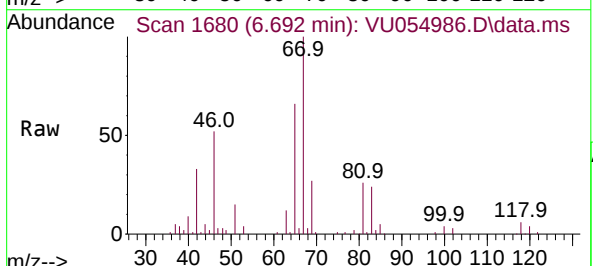
RT: 6.692 min Scan# 1680

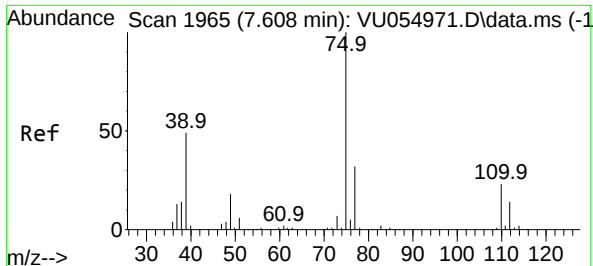
Delta R.T. -0.099 min

Lab File: VU054986.D

Acq: 30 Aug 2023 04:07

Tgt Ion:	63	Resp:	7359
Ion Ratio	Lower	Upper	
63	100		
112	0.3	2.7	4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.573 min Scan# 1965

Delta R.T. -0.035 min

Lab File: VU054986.D

Acq: 30 Aug 2023 04:07

Instrument :

MSVOA_U

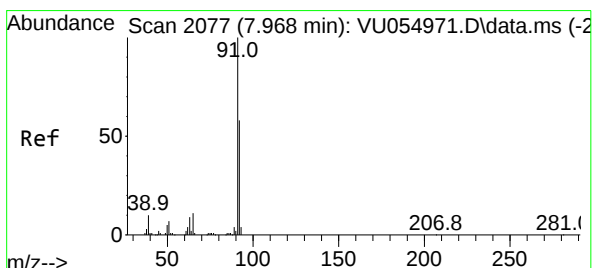
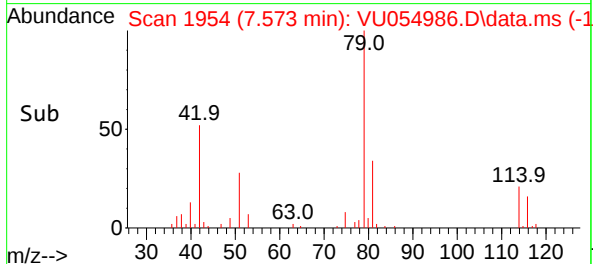
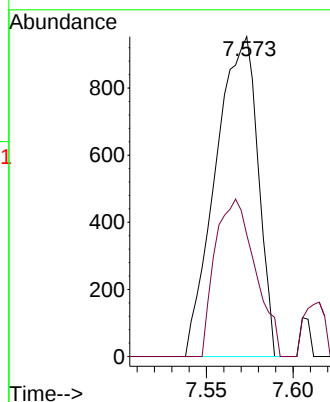
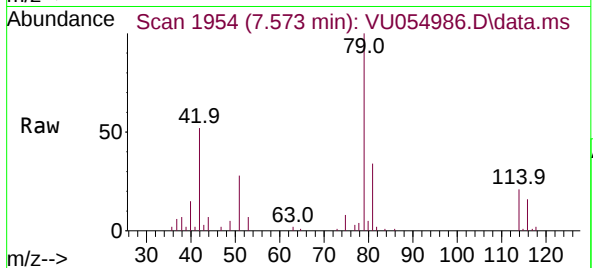
ClientSampleId :

Tgt Ion: 75 Resp: 1618

Ion Ratio Lower Upper

75 100

77 38.1 22.5 41.7



#42

Toluene

Concen: 0.784 ug/L

RT: 7.969 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU054986.D

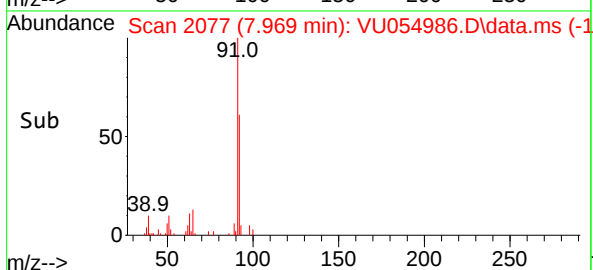
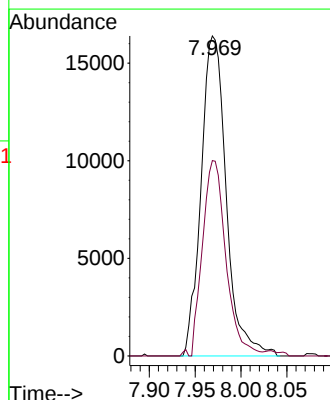
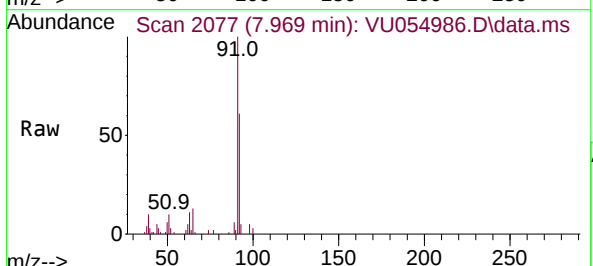
Acq: 30 Aug 2023 04:07

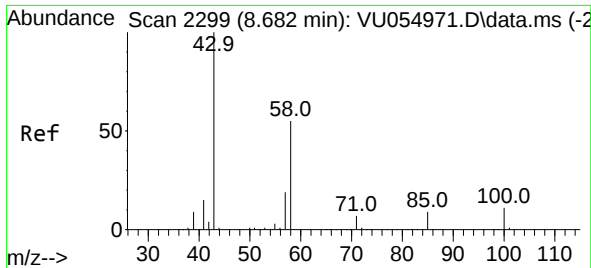
Tgt Ion: 91 Resp: 31369

Ion Ratio Lower Upper

91 100

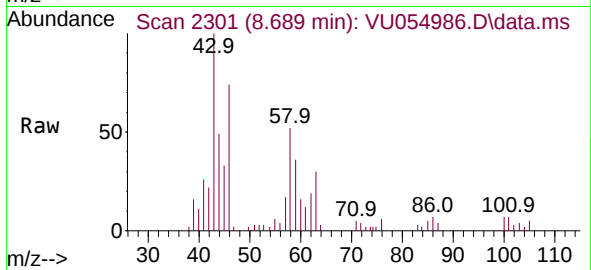
92 61.0 41.2 76.4



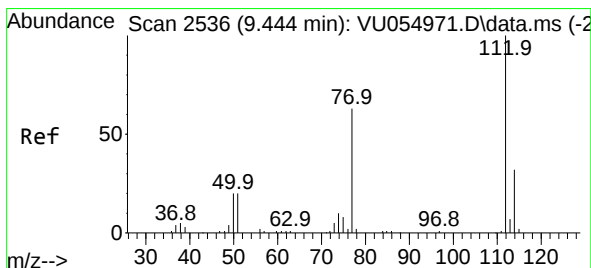
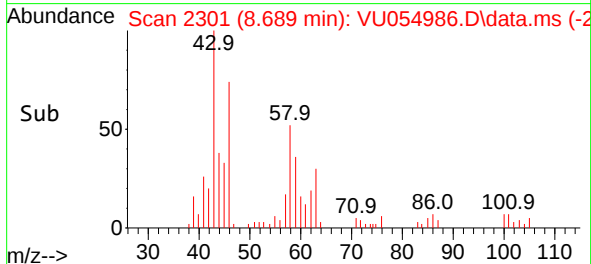
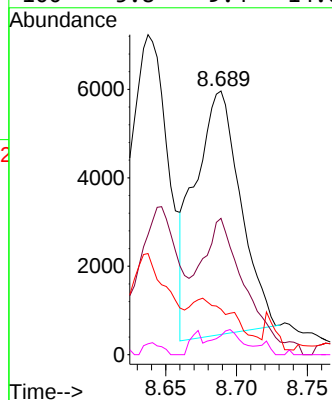


#48
2-Hexanone
Concen: 2.973 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

Instrument :
MSVOA_U
ClientSampleId :

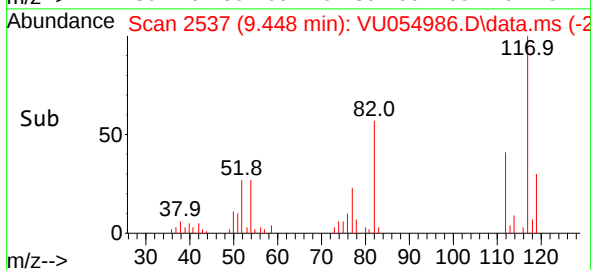
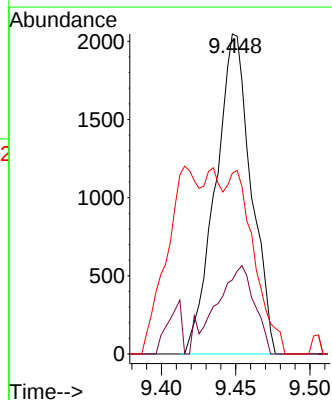
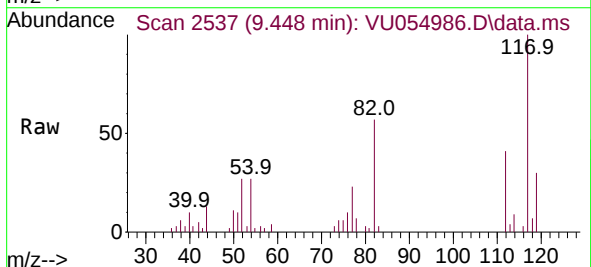


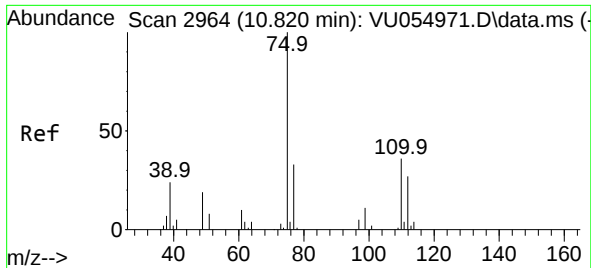
Tgt Ion:	43	Resp:	12335
Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.0	66.0
57	0.0	15.9	23.9#
100	5.8	9.4	14.0#



#51
Chlorobenzene
Concen: 0.131 ug/L
RT: 9.448 min Scan# 2537
Delta R.T. 0.004 min
Lab File: VU054986.D
Acq: 30 Aug 2023 04:07

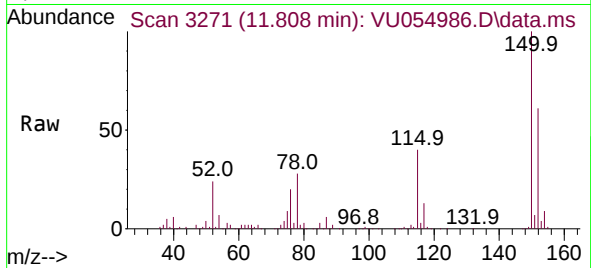
Tgt Ion:	112	Resp:	3418
Ion	Ratio	Lower	Upper
112	100		
114	23.2	23.4	43.4#
77	56.5	49.3	73.9





#61
 1,2,3-Trichloropropane
 Concen: 1.958 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.988 min
 Lab File: VU054986.D
 Acq: 30 Aug 2023 04:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11469
 Ion Ratio Lower Upper
 75 100
 110 2.2 29.0 43.6#
 77 34.1 26.5 39.7

