

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054606.D
 Acq On : 19 Jun 2023 19:10
 Operator : MD/SY
 Sample : 03232-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:53:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

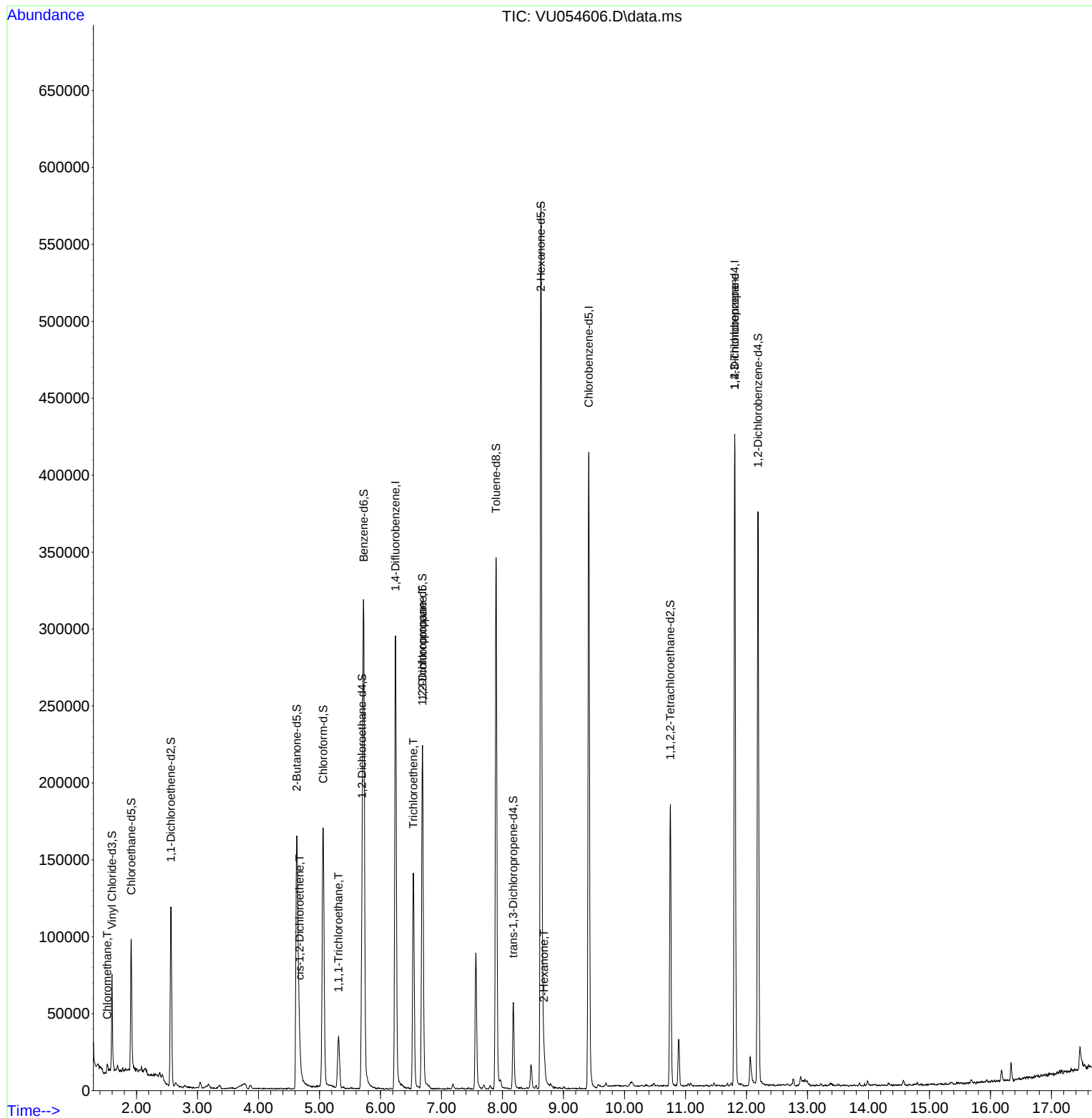
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115152	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	43912	2.903	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.000%	
7) Chloroethane-d5	1.914	69	65639	4.635	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.563	65	22505	3.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.600%	
20) 2-Butanone-d5	4.627	46	283256	66.607	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.220%#	
24) Chloroform-d	5.058	84	163689	5.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.698	65	88549	5.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.000%	
32) Benzene-d6	5.724	84	303231	4.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.685	67	114168	5.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.894	98	235061	3.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.177	79	33409	4.334	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.630	63	201416	62.282	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.560%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94125	5.694	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	99579	5.127	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	3595	0.141	ug/L	100
22) cis-1,2-Dichloroethene	4.672	96	5450	0.269	ug/L	81
29) 1,1,1-Trichloroethane	5.312	97	24909	0.769	ug/L	99
34) Trichloroethene	6.537	95	49545	2.183	ug/L	98
37) 1,2-Dichloropropane	6.688	63	12066	0.520	ug/L #	89
48) 2-Hexanone	8.682	43	8197	0.888	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	13002	1.117	ug/L #	69

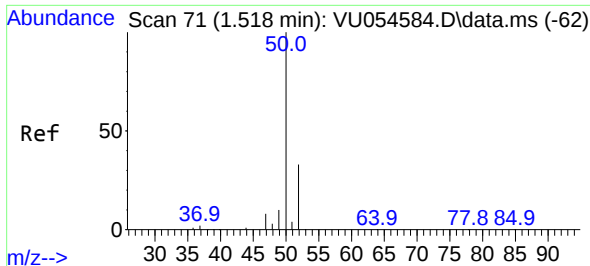
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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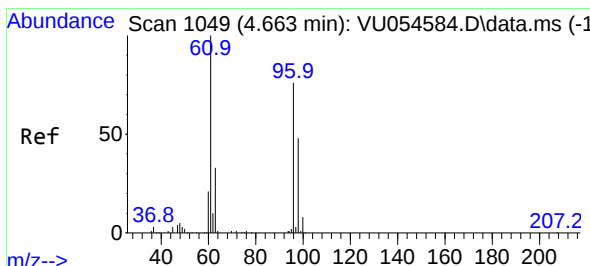
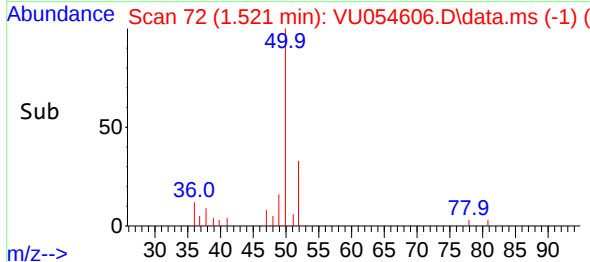
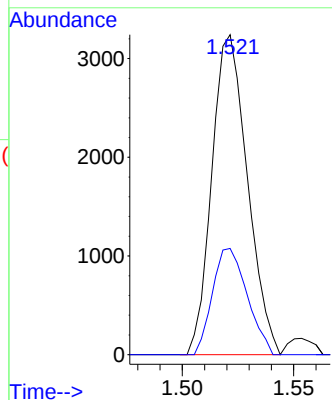
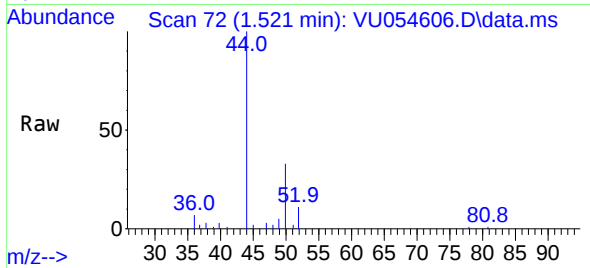




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.521 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

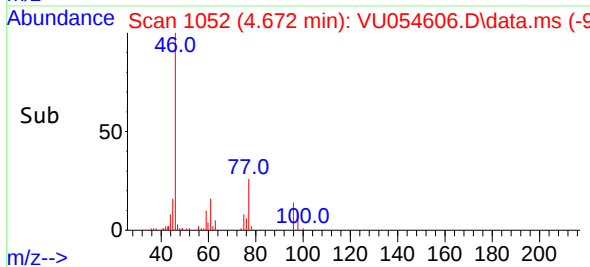
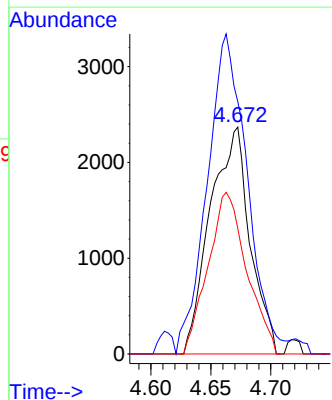
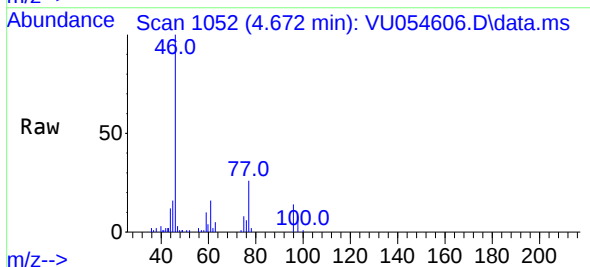
Instrument :
MSVOA_U
ClientSampleId :

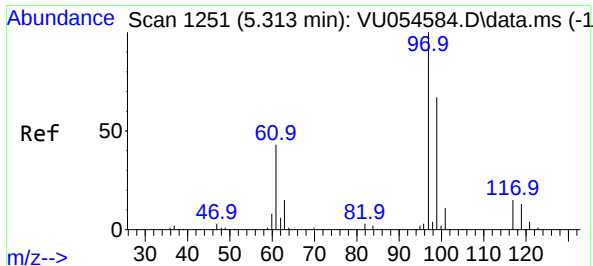
Tgt Ion: 50 Resp: 3595
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.4



#22
cis-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 4.672 min Scan# 1052
Delta R.T. 0.009 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

Tgt Ion: 96 Resp: 5450
Ion Ratio Lower Upper
96 100
61 111.2 96.5 179.1
98 55.3 44.9 83.3



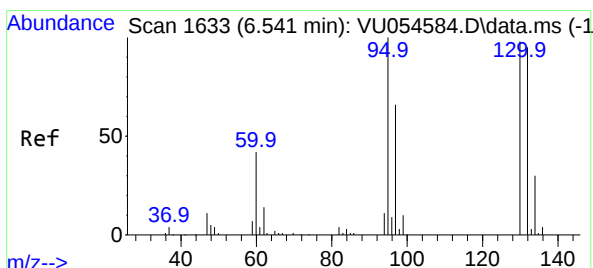
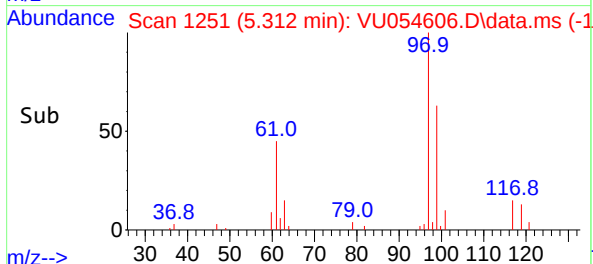
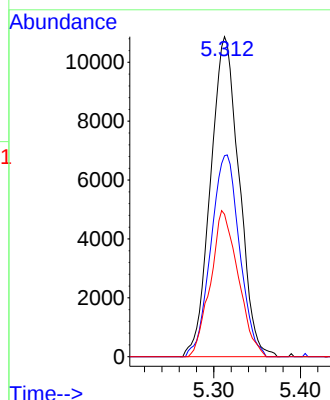
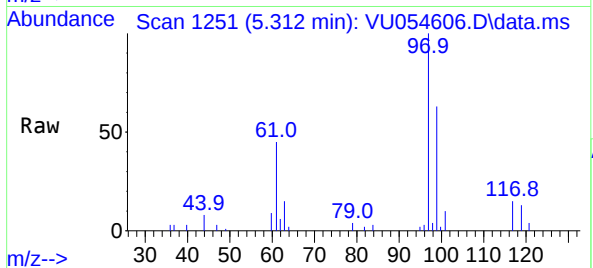


#29
1,1,1-Trichloroethane
Concen: 0.769 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 24909

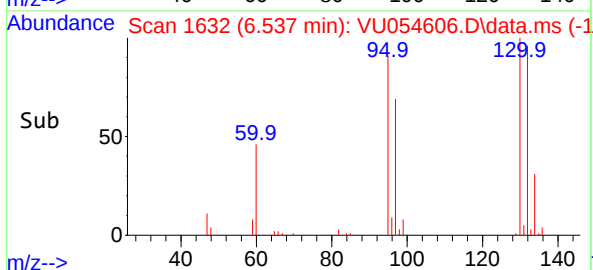
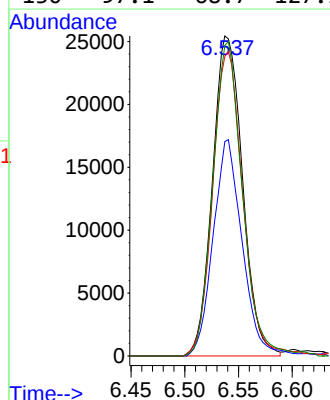
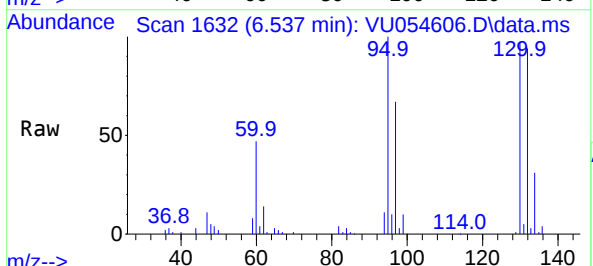
Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.8	76.2
61	44.1	36.1	54.1

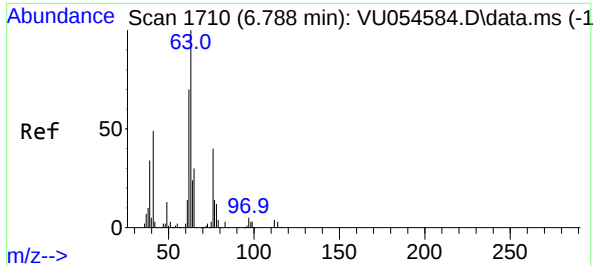


#34
Trichloroethene
Concen: 2.183 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

Tgt Ion: 95 Resp: 49545

Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.8	87.0
132	93.6	68.4	127.0
130	97.1	68.7	127.5

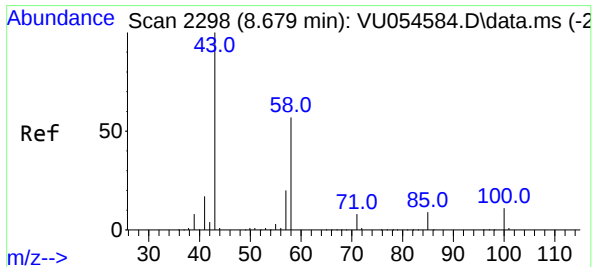
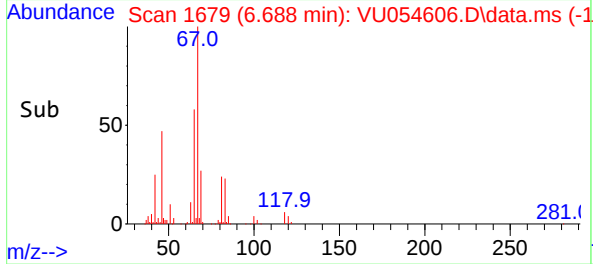
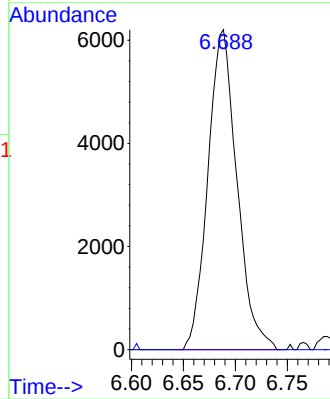
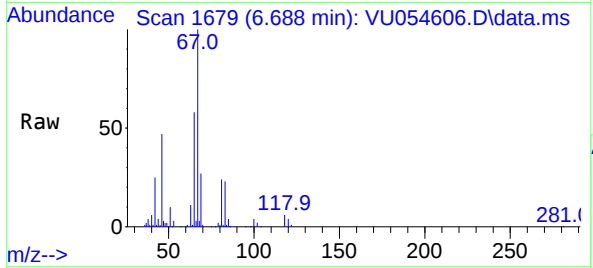




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

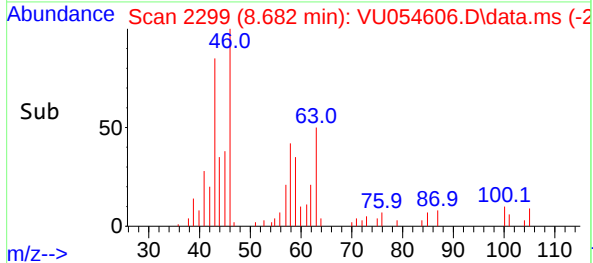
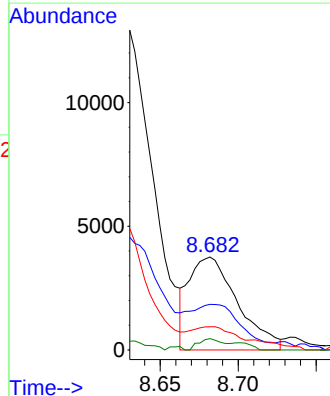
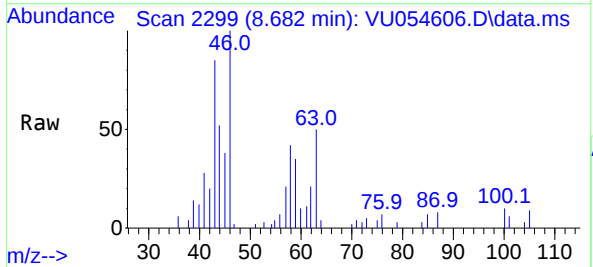
Instrument :
MSVOA_U
ClientSampleId :

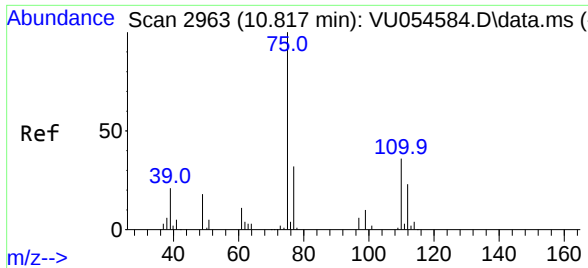
Tgt Ion: 63 Resp: 12066
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#48
2-Hexanone
Concen: 0.888 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

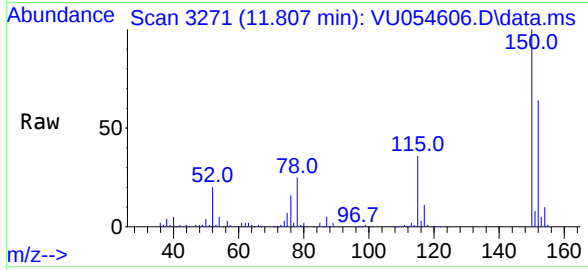
Tgt Ion: 43 Resp: 8197
Ion Ratio Lower Upper
43 100
58 33.5 45.2 67.8#
57 28.4 15.8 23.6#
100 6.3 8.7 13.1#





#61
1,2,3-Trichloropropane
Concen: 1.117 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054606.D
Acq: 19 Jun 2023 19:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 13002
Ion Ratio Lower Upper
75 100
110 2.5 28.0 42.0#
77 34.3 25.4 38.2

