

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054973.D
 Acq On : 29 Aug 2023 22:46
 Operator : MD/SY
 Sample : 04209-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 01:42:08 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)

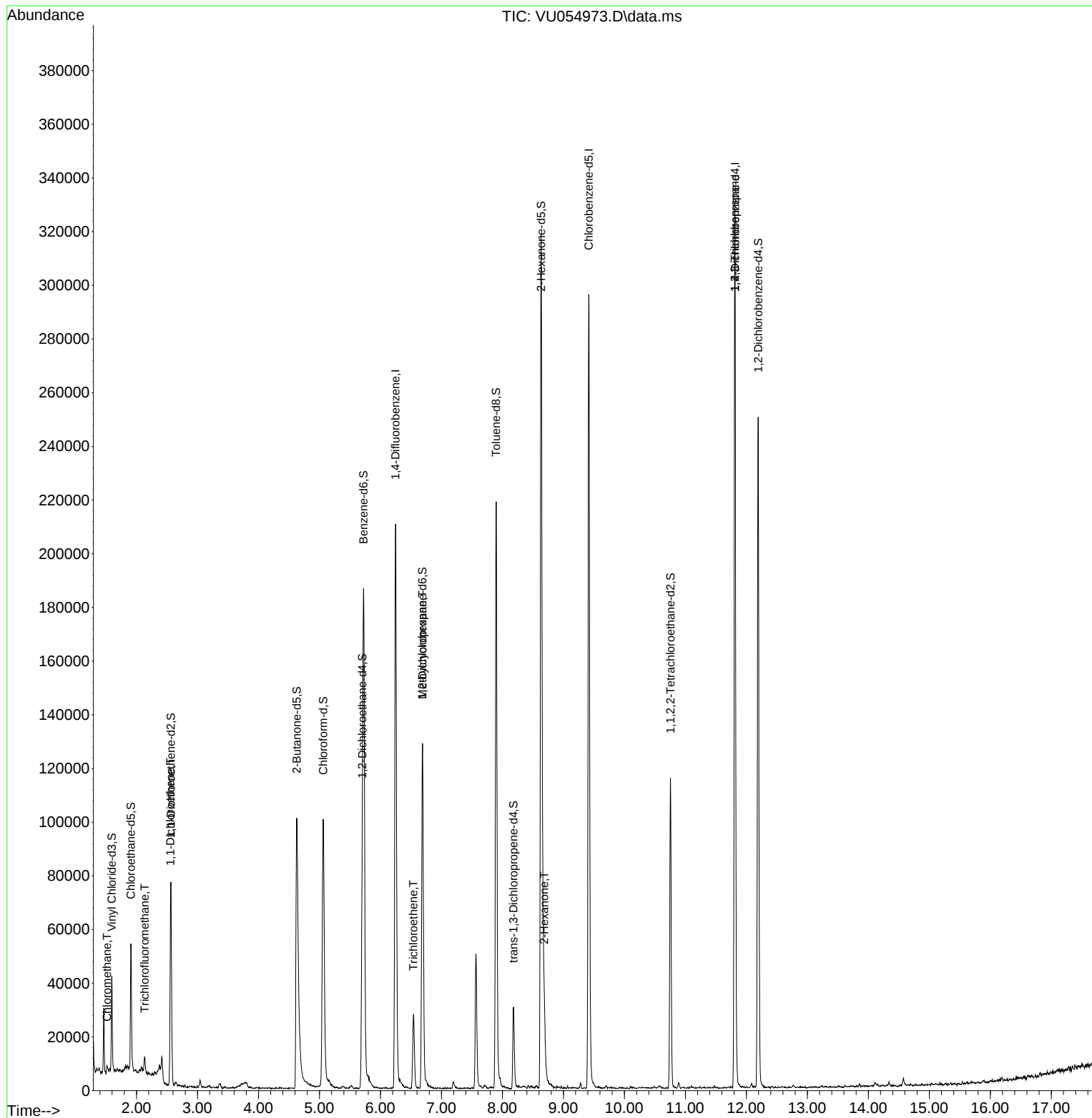
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24027	4.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.907	69	32848	4.754	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.563	65	14393	4.761	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.200%	
20) 2-Butanone-d5	4.627	46	164155	56.858	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.720%	
24) Chloroform-d	5.062	84	92001	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.701	65	52069	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.724	84	169113	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.688	67	61747	4.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.897	98	144669	4.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.180	79	17802	4.239	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.634	63	105853	53.102	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.200%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54339	4.965	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61437	4.573	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1559	0.142	ug/L	97
9) Trichlorofluoromethane	2.132	101	3150	0.195	ug/L	95
12) 1,1-Dichloroethene	2.557	96	891	0.116	ug/L #	1
34) Trichloroethene	6.541	95	8805	0.834	ug/L	93
35) Methylcyclohexane	6.688	83	13511	0.865	ug/L #	18
48) 2-Hexanone	8.685	43	16915	3.859	ug/L #	81
61) 1,2,3-Trichloropropane	11.810	75	11826	1.888	ug/L #	68

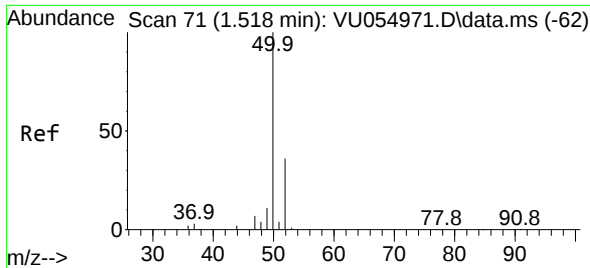
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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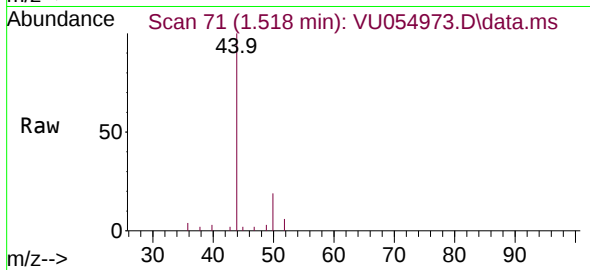
Quant Time: Aug 30 01:42:08 2023
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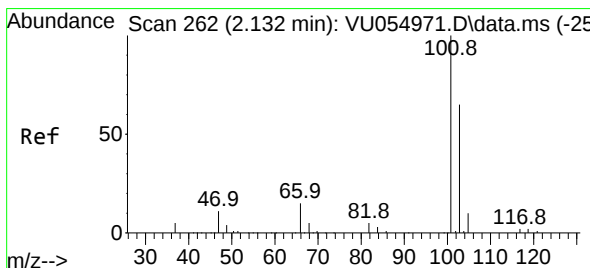
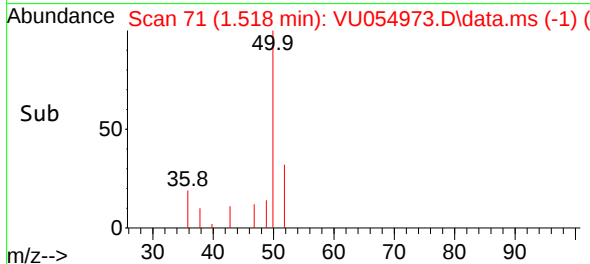
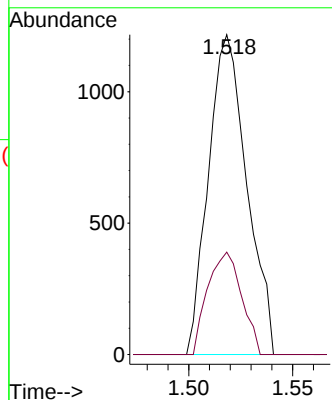


#3
Chloromethane
Concen: 0.142 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054973.D
Acq: 29 Aug 2023 22:46

Instrument :
MSVOA_U
ClientSampleId :

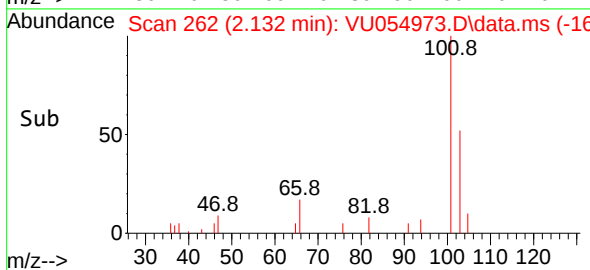
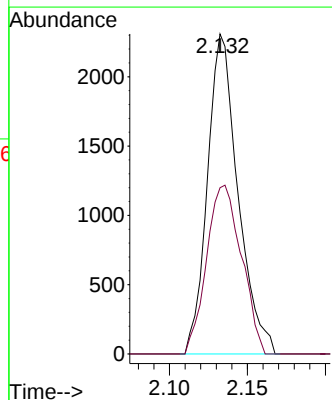
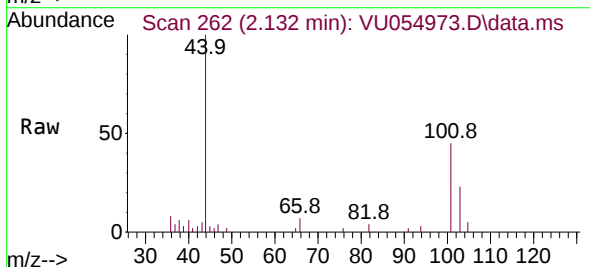


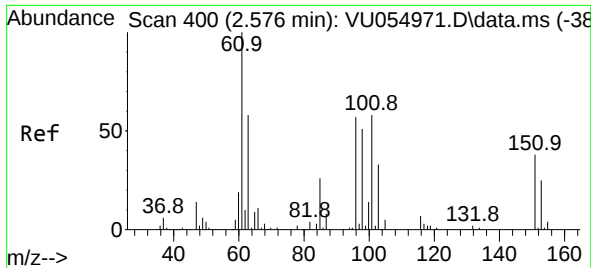
Tgt Ion: 50 Resp: 1559
Ion Ratio Lower Upper
50 100
52 32.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 0.195 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU054973.D
Acq: 29 Aug 2023 22:46

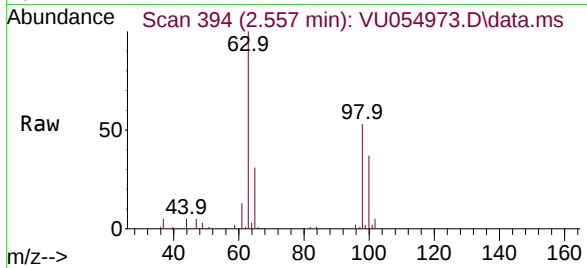
Tgt Ion: 101 Resp: 3150
Ion Ratio Lower Upper
101 100
103 60.2 51.0 76.4



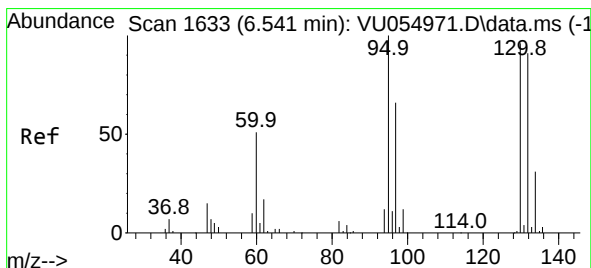
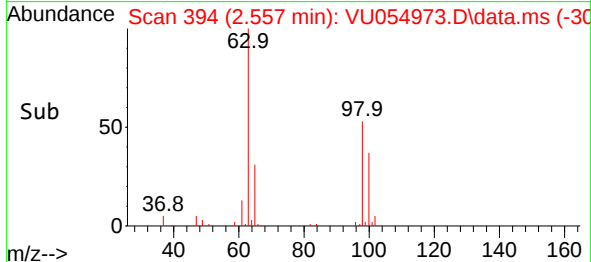
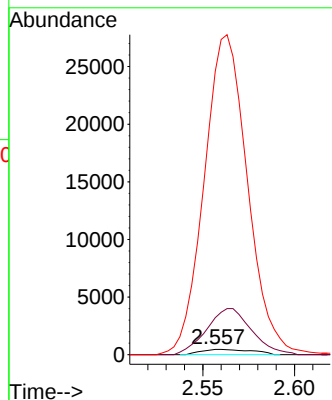


#12
1,1-Dichloroethene
Concen: 0.116 ug/L
RT: 2.557 min Scan# 394
Delta R.T. -0.019 min
Lab File: VU054973.D
Acq: 29 Aug 2023 22:46

Instrument :
MSVOA_U
ClientSampleId :

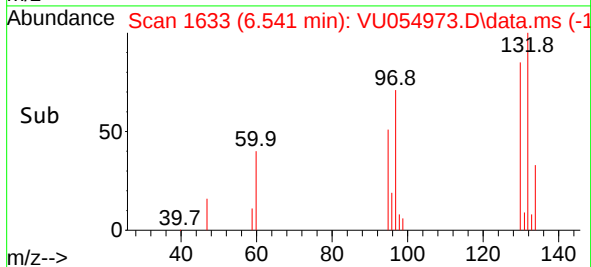
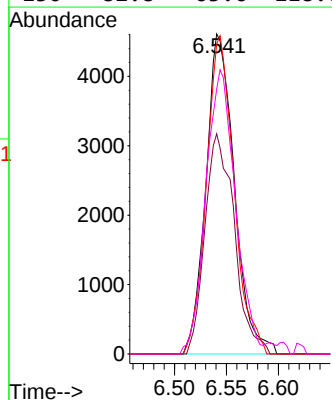
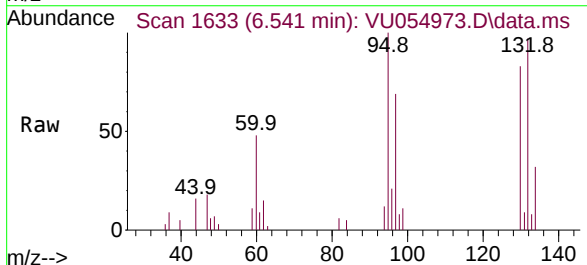


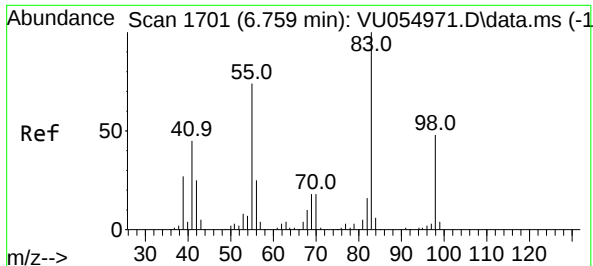
Tgt Ion: 96 Resp: 891
Ion Ratio Lower Upper
96 100
61 555.9 132.4 245.8#
63 4266.7 82.5 153.1#



#34
Trichloroethene
Concen: 0.834 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054973.D
Acq: 29 Aug 2023 22:46

Tgt Ion: 95 Resp: 8805
Ion Ratio Lower Upper
95 100
97 68.8 44.1 81.9
132 96.8 63.6 118.2
130 82.8 63.6 118.0





#35

Methylcyclohexane

Concen: 0.865 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054973.D

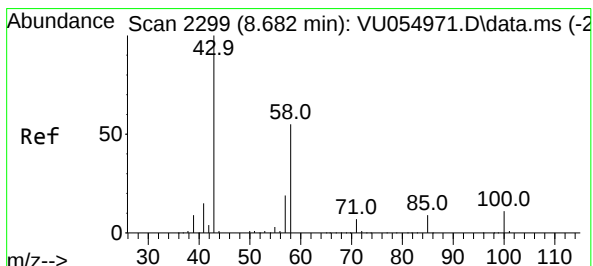
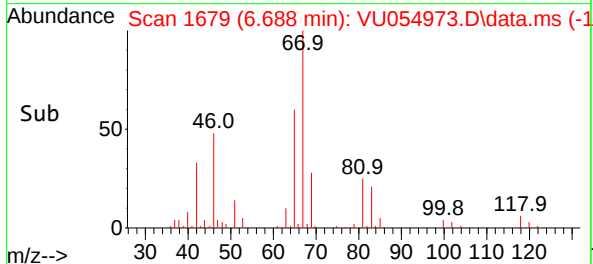
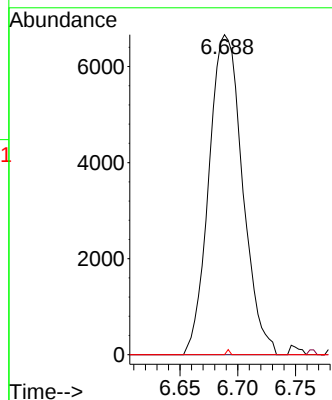
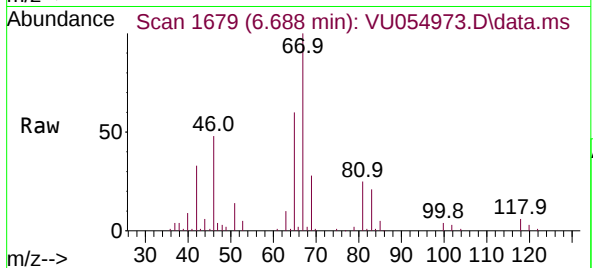
Acq: 29 Aug 2023 22:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13511
Ion Ratio	Lower Upper
83 100	
55 0.3	62.1 93.1#
98 0.0	37.8 56.6#



#48

2-Hexanone

Concen: 3.859 ug/L

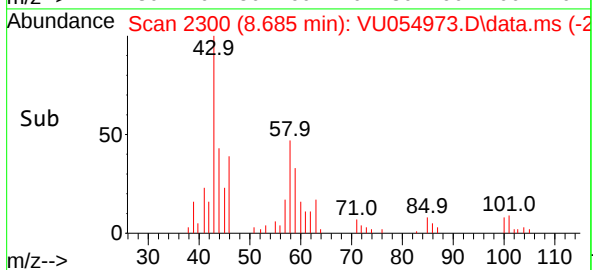
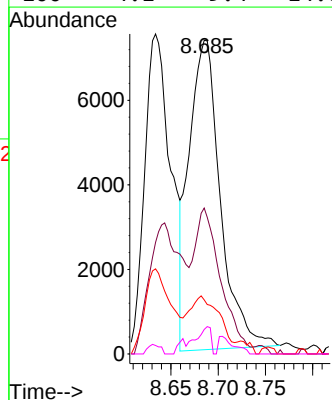
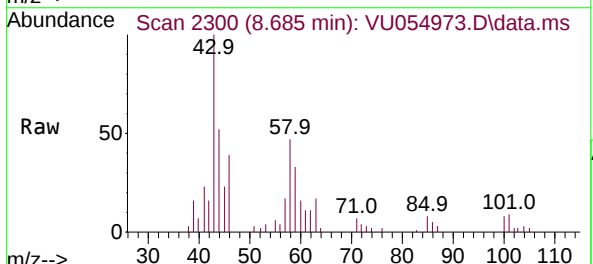
RT: 8.685 min Scan# 2300

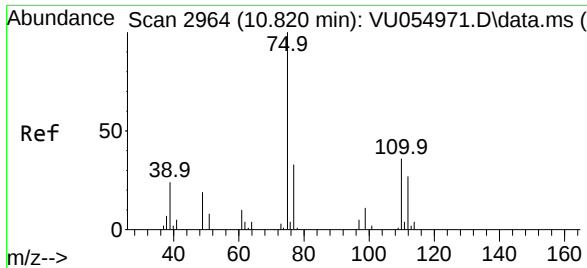
Delta R.T. 0.003 min

Lab File: VU054973.D

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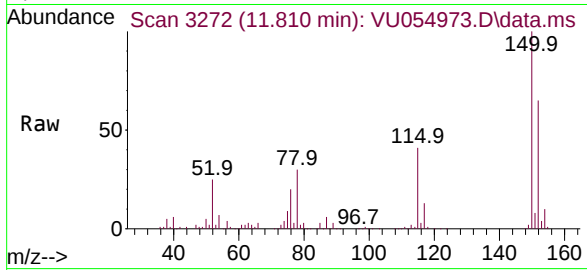
Tgt Ion: 43	Resp: 16915
Ion Ratio	Lower Upper
43 100	
58 39.9	44.0 66.0#
57 14.4	15.9 23.9#
100 4.1	9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.888 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054973.D
 Acq: 29 Aug 2023 22:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11826
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.0 43.6#
 77 34.3 26.5 39.7

