

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054941.D
 Acq On : 28 Aug 2023 22:19
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:03:42 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)

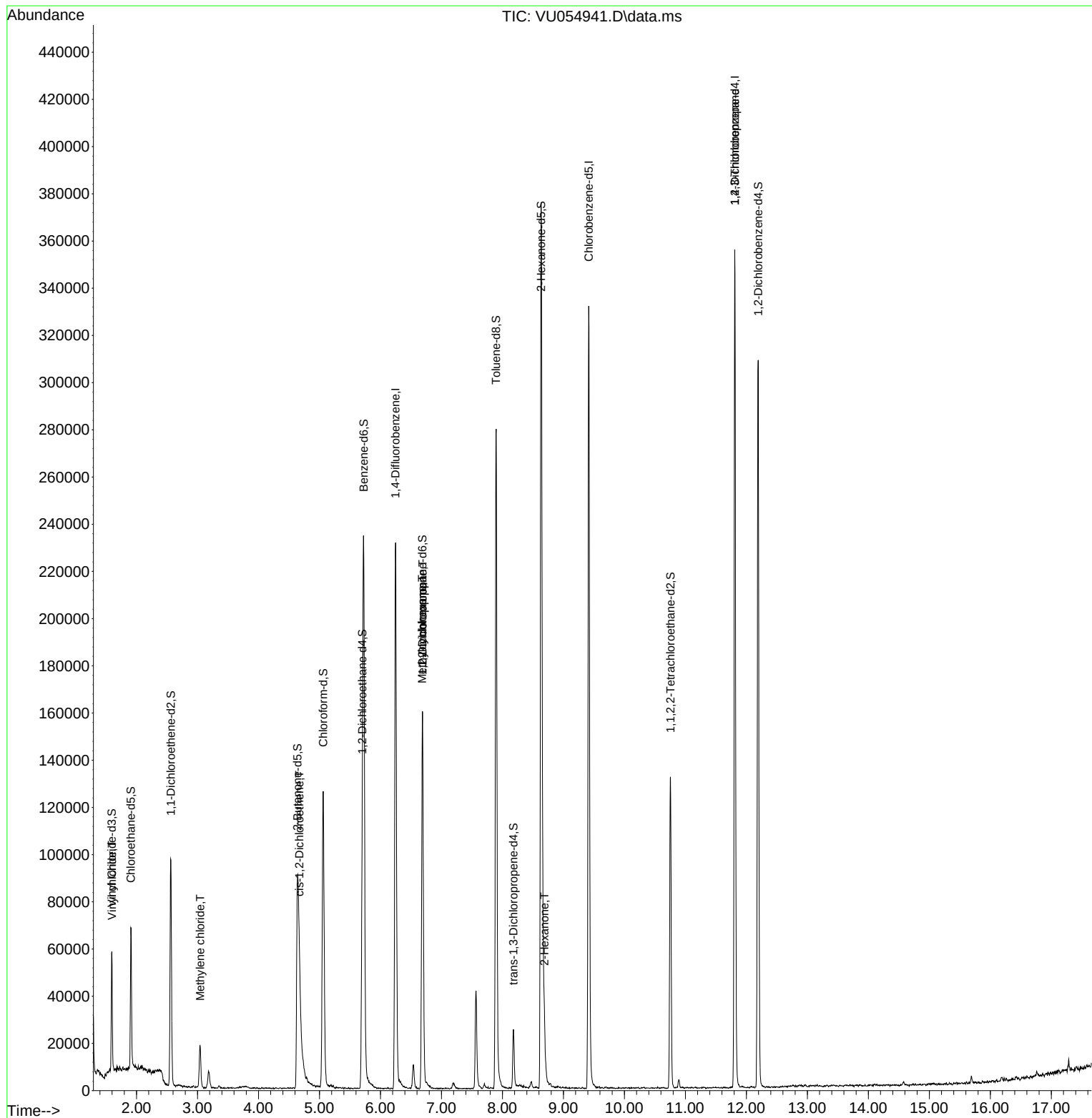
Internal Standards							
1) 1,4-Difluorobenzene		6.248	114	185872	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	179939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.810	152	89142	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	34717	5.918	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	=	118.400%	
7) Chloroethane-d5		1.907	69	41784	5.513	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2		2.563	65	18861	5.688	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	=	113.800%	
20) 2-Butanone-d5		4.640	46	173713	54.857	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130		Recovery	=	109.720%	
24) Chloroform-d		5.061	84	114271	5.251	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	105.000%	
26) 1,2-Dichloroethane-d4		5.701	65	64069	5.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	110.600%	
32) Benzene-d6		5.724	84	210475	5.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6		6.688	67	74192	5.215	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	=	104.400%	
41) Toluene-d8		7.897	98	190752	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	=	98.400%	
43) trans-1,3-Dichloroprop...		8.180	79	14775	3.156	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	=	63.200%	
46) 2-Hexanone-d5		8.634	63	132869	59.796	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	=	119.600%	
56) 1,1,2,2-Tetrachloroeth...		10.756	84	66271	5.433	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4		12.193	152	79304	5.572	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	=	111.400%	
Target Compounds							
5) Vinyl chloride		1.599	62	1949	0.156	ug/L #	35
16) Methylene chloride		3.042	84	8211	0.637	ug/L	94
22) cis-1,2-Dichloroethene		4.669	96	4047	0.370	ug/L	98
35) Methylcyclohexane		6.685	83	17834	1.025	ug/L #	19
37) 1,2-Dichloropropane		6.692	63	8712	0.736	ug/L #	90
48) 2-Hexanone		8.688	43	13884	2.842	ug/L #	91
61) 1,2,3-Trichloropropane		11.810	75	12324	1.857	ug/L #	71

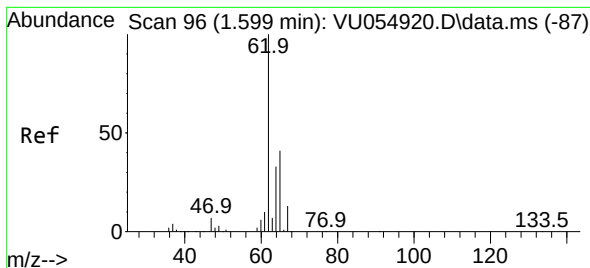
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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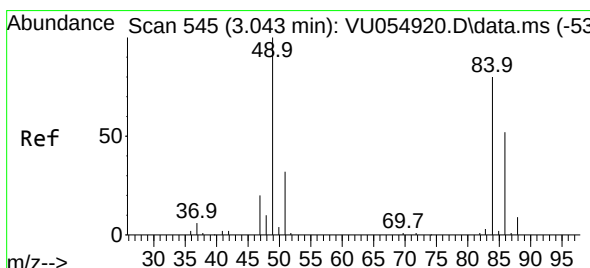
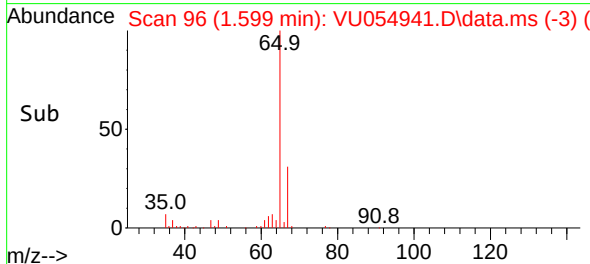
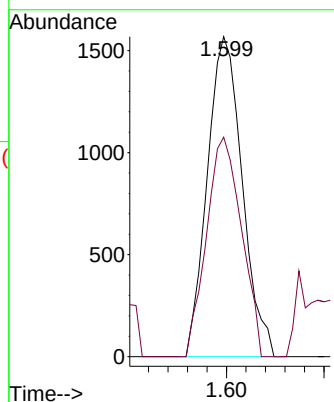
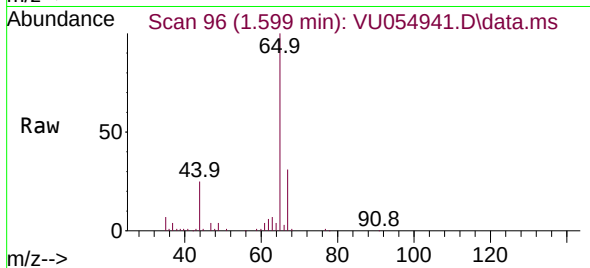




#5
 Vinyl chloride
 Concen: 0.156 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU054941.D
 Acq: 28 Aug 2023 22:19

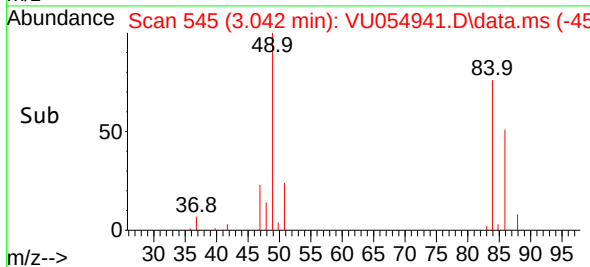
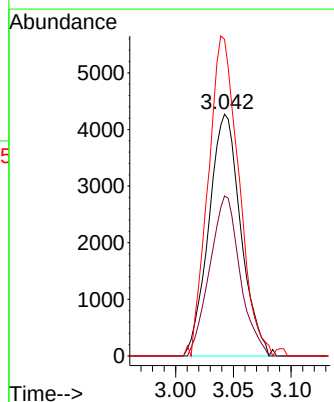
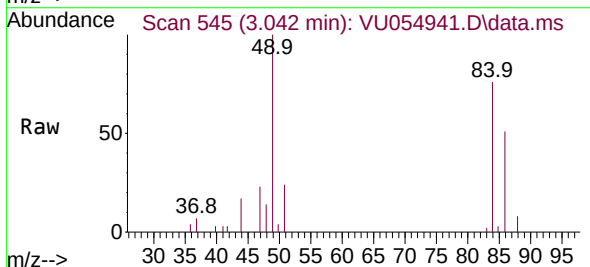
Instrument :
 MSVOA_U
 ClientSampleId :

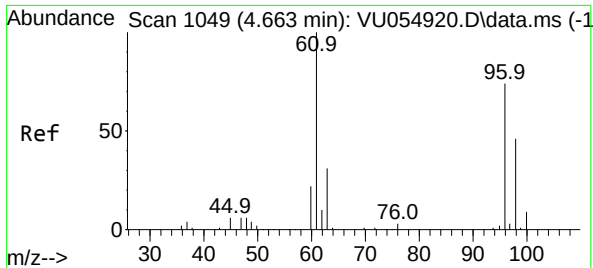
Tgt Ion: 62 Resp: 1949
 Ion Ratio Lower Upper
 62 100
 64 68.6 22.7 42.1#



#16
 Methylene chloride
 Concen: 0.637 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: VU054941.D
 Acq: 28 Aug 2023 22:19

Tgt Ion: 84 Resp: 8211
 Ion Ratio Lower Upper
 84 100
 86 66.2 45.1 83.7
 49 136.5 89.5 166.3





#22

cis-1,2-Dichloroethene

Concen: 0.370 ug/L

RT: 4.669 min Scan# 1049

Delta R.T. 0.006 min

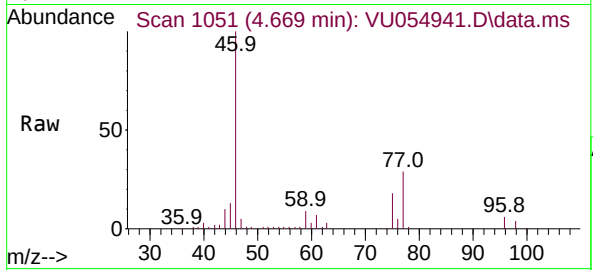
Lab File: VU054941.D

Acq: 28 Aug 2023 22:19

Instrument :

MSVOA_U

ClientSampleId :



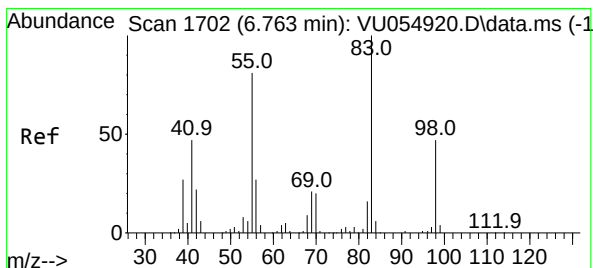
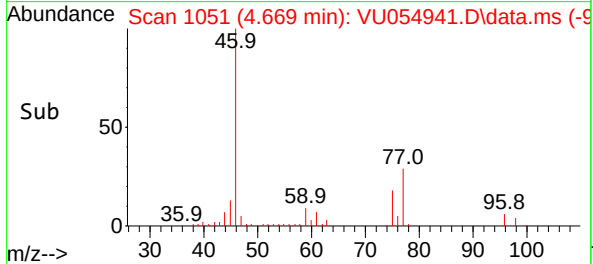
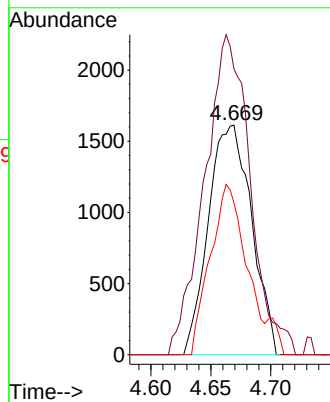
Tgt Ion: 96 Resp: 4047

Ion Ratio Lower Upper

96 100

61 124.5 88.4 164.2

98 66.1 44.0 81.6



#35

Methylcyclohexane

Concen: 1.025 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU054941.D

Acq: 28 Aug 2023 22:19

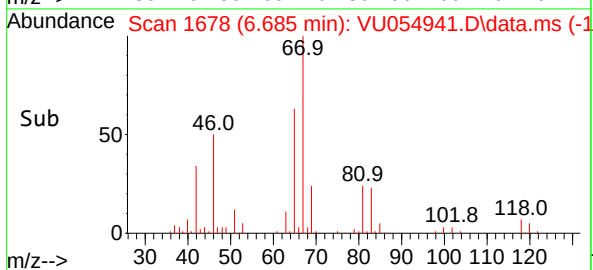
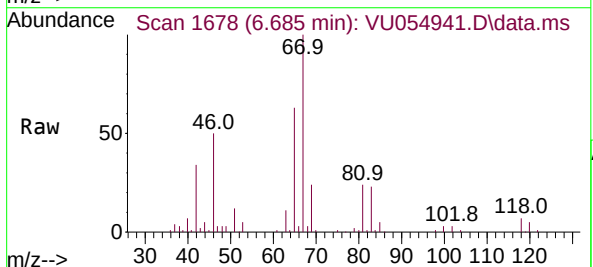
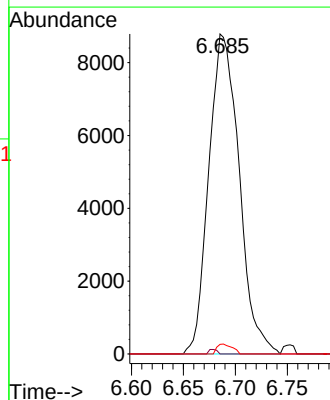
Tgt Ion: 83 Resp: 17834

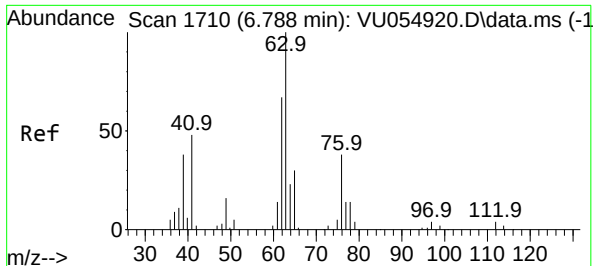
Ion Ratio Lower Upper

83 100

55 0.4 62.1 93.1#

98 1.5 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.736 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU054941.D

Acq: 28 Aug 2023 22:19

Instrument :

MSVOA_U

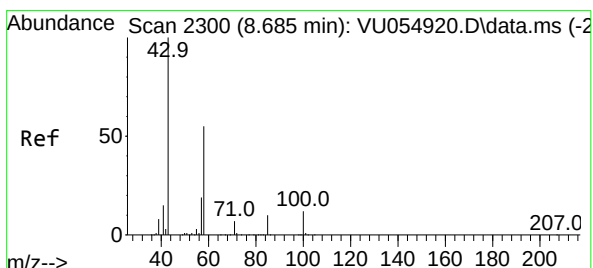
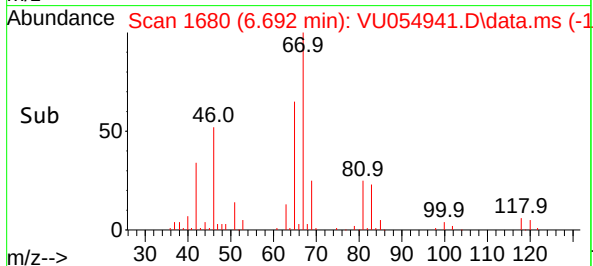
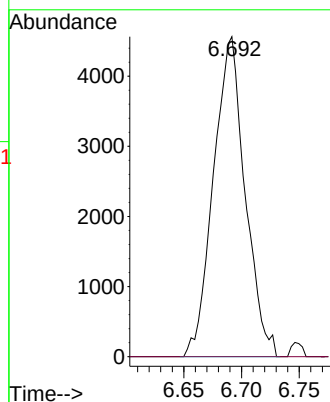
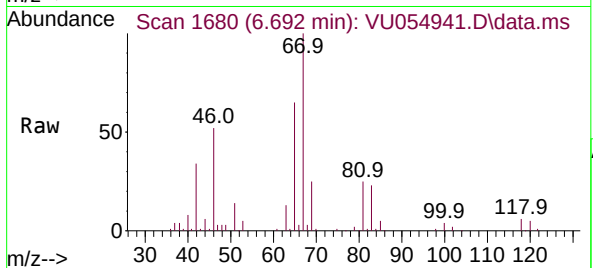
ClientSampleId :

Tgt Ion: 63 Resp: 8712

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#48

2-Hexanone

Concen: 2.842 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU054941.D

Acq: 28 Aug 2023 22:19

Tgt Ion: 43 Resp: 13884

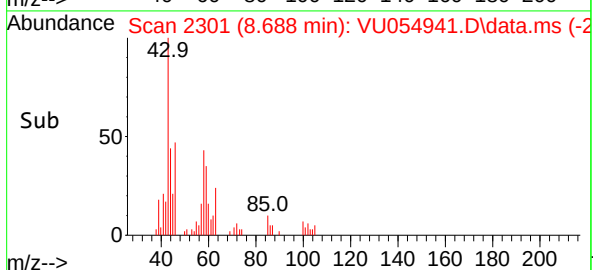
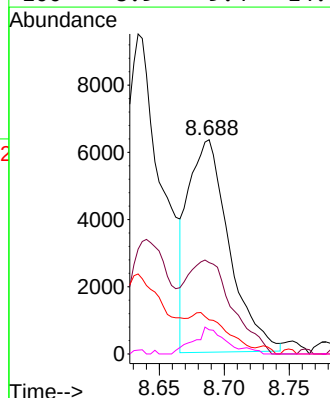
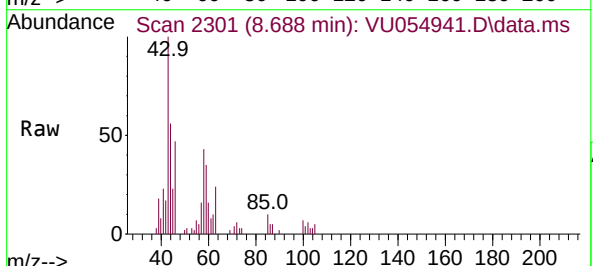
Ion Ratio Lower Upper

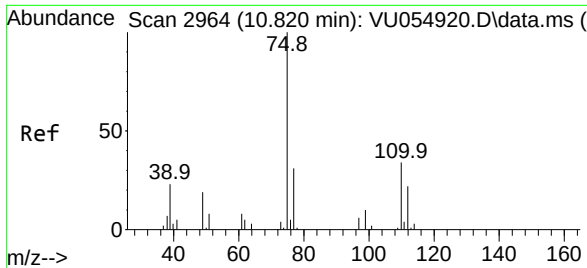
43 100

58 48.5 44.0 66.0

57 16.2 15.9 23.9

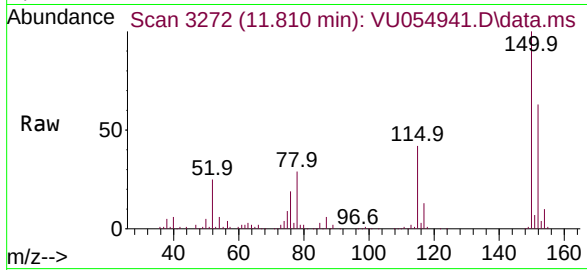
100 8.9 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.857 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054941.D
 Acq: 28 Aug 2023 22:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.6	29.0	43.6#
77	32.2	26.5	39.7

