

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054967.D
 Acq On : 29 Aug 2023 19:28
 Operator : MD/SY
 Sample : 04209-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:32:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

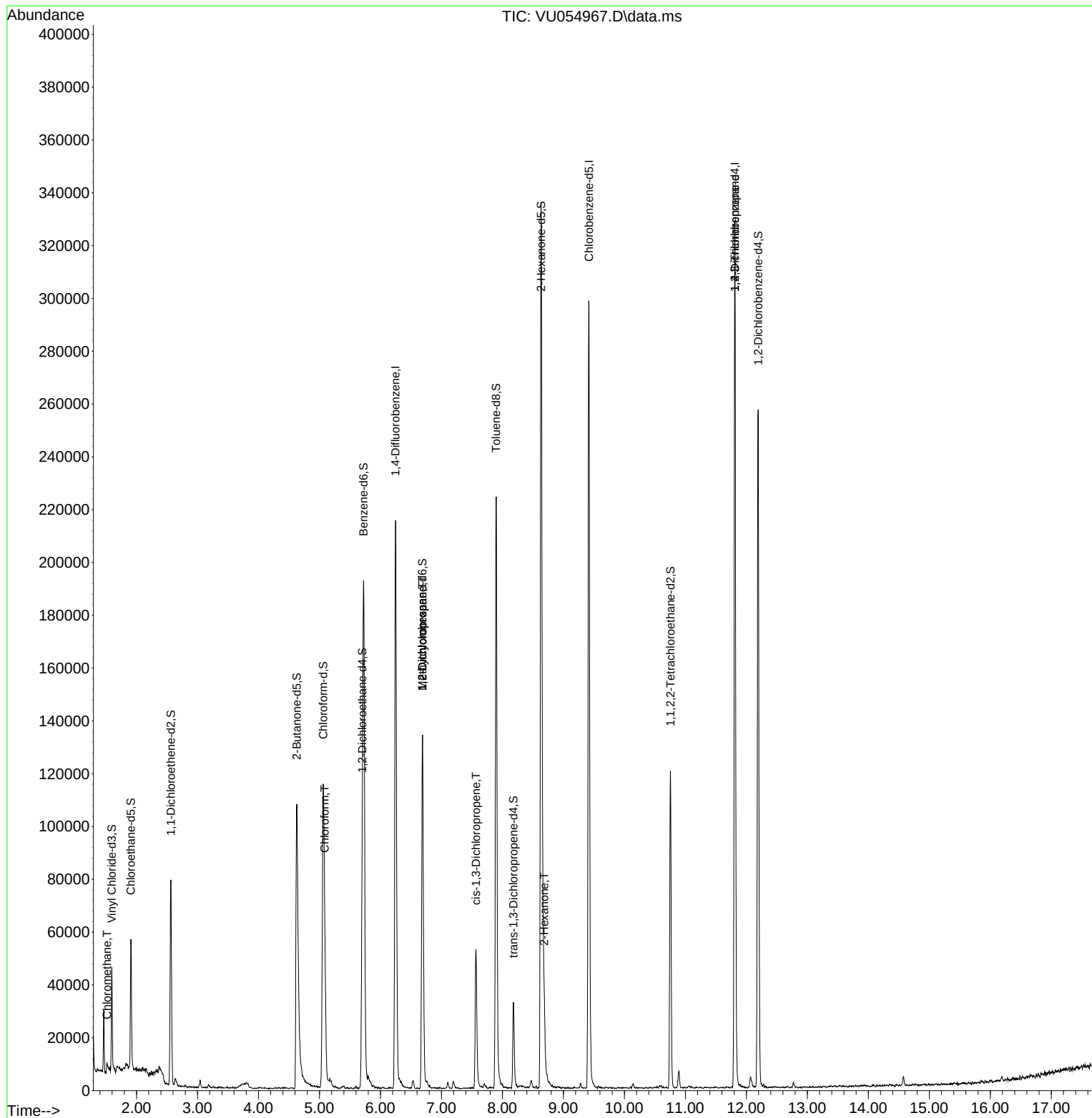
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174180	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	164543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	82624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25176	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.907	69	32807	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	14645	4.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.628	46	169575	57.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.280%
24) Chloroform-d	5.062	84	96568	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.702	65	54354	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.724	84	174560	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.689	67	65050	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.898	98	154343	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.181	79	18965	4.430	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.634	63	112344	55.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.580%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55585	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	65769	4.985	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2322	0.206	ug/L	97
25) Chloroform	5.084	83	36555	1.848	ug/L	99
35) Methylcyclohexane	6.689	83	14188	0.891	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7417	0.685	ug/L #	90
39) cis-1,3-Dichloropropene	7.566	75	1838	0.118	ug/L	98
48) 2-Hexanone	8.685	43	14928	3.341	ug/L #	96
61) 1,2,3-Trichloropropane	11.811	75	11462	1.863	ug/L #	67

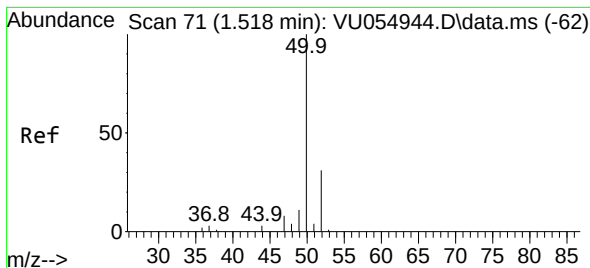
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.206 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU054967.D

Acq: 29 Aug 2023 19:28

Instrument :

MSVOA_U

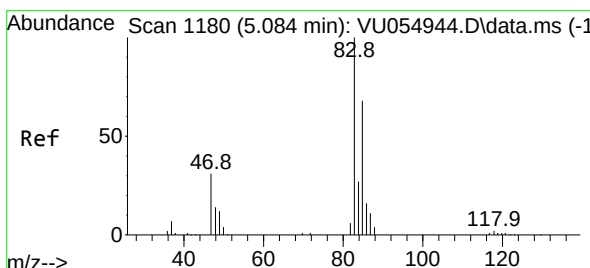
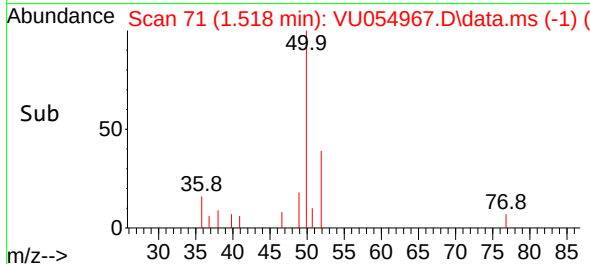
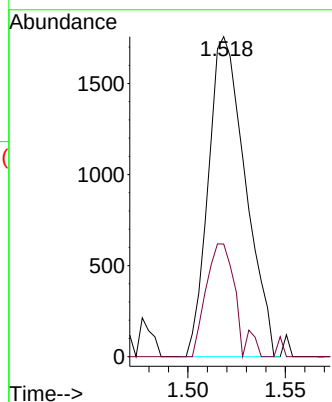
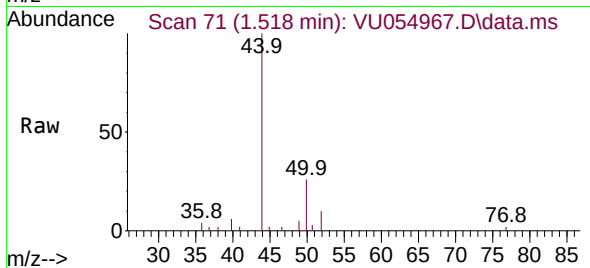
ClientSampleId :

Tgt Ion: 50 Resp: 2322

Ion Ratio Lower Upper

50 100

52 35.2 23.4 43.6



#25

Chloroform

Concen: 1.848 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054967.D

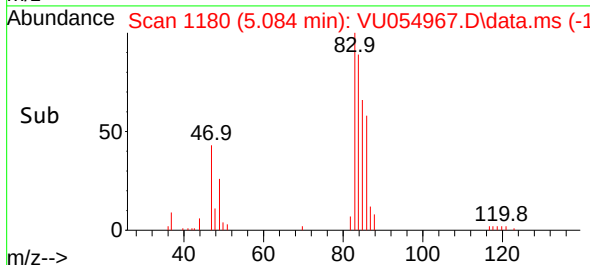
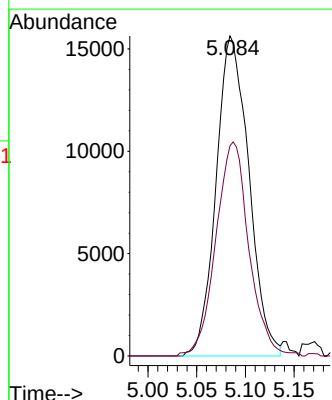
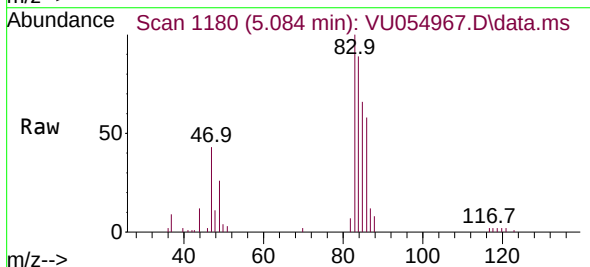
Acq: 29 Aug 2023 19:28

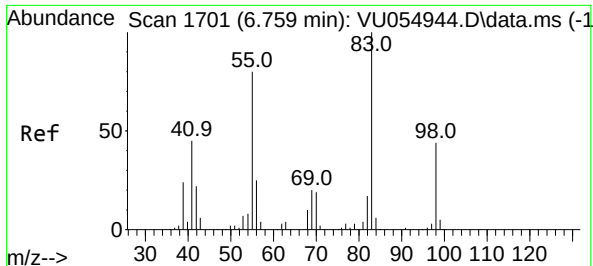
Tgt Ion: 83 Resp: 36555

Ion Ratio Lower Upper

83 100

85 65.7 46.7 86.7

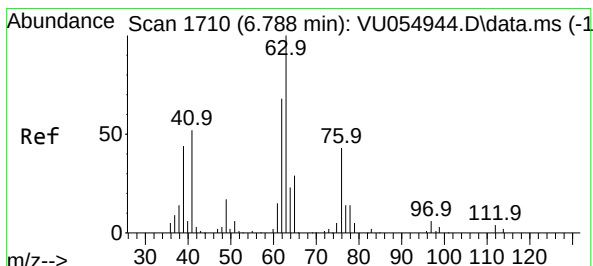
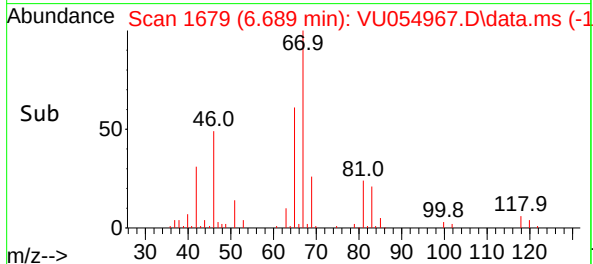
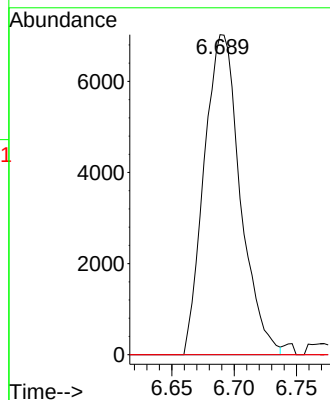
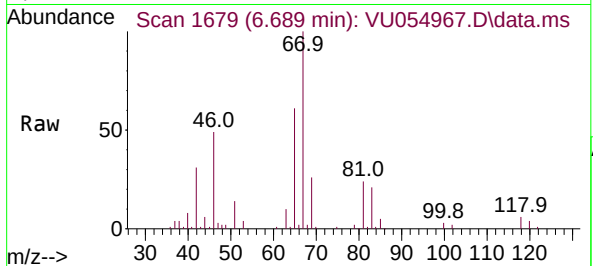




#35
Methylcyclohexane
Concen: 0.891 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054967.D
Acq: 29 Aug 2023 19:28

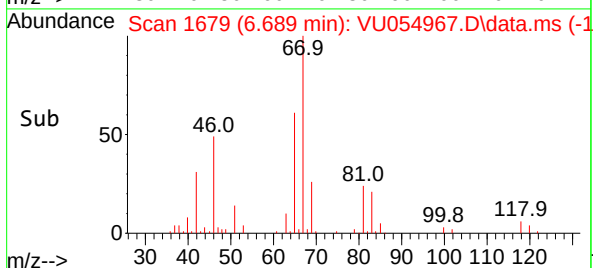
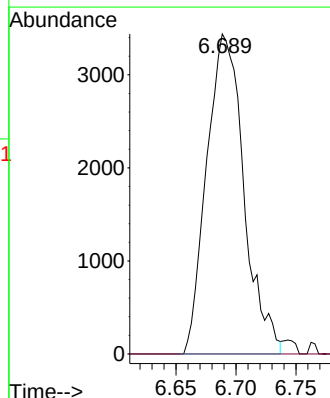
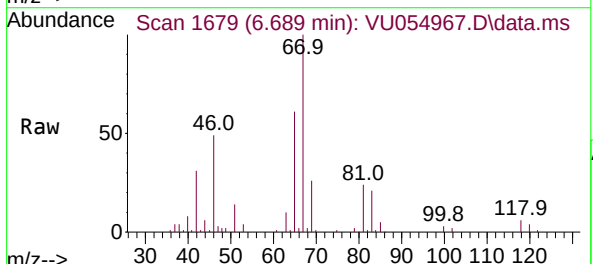
Instrument :
MSVOA_U
ClientSampleId :

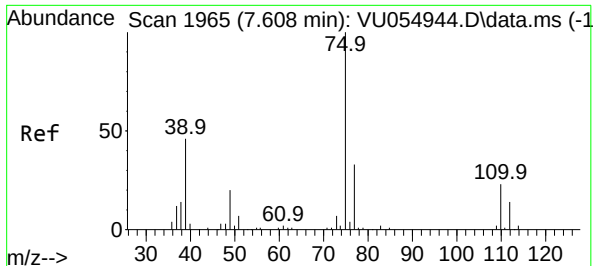
Tgt Ion: 83 Resp: 14188
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054967.D
Acq: 29 Aug 2023 19:28

Tgt Ion: 63 Resp: 7417
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.566 min Scan# 1965

Delta R.T. -0.042 min

Lab File: VU054967.D

Acq: 29 Aug 2023 19:28

Instrument :

MSVOA_U

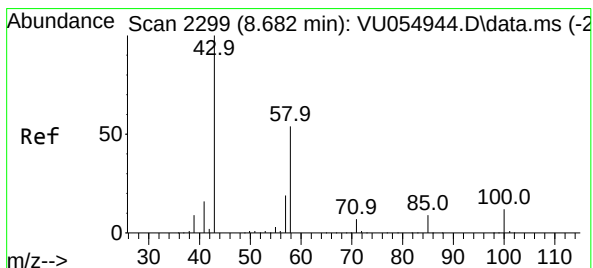
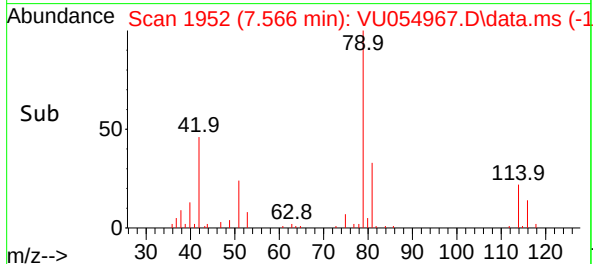
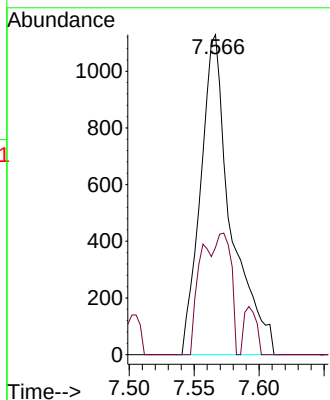
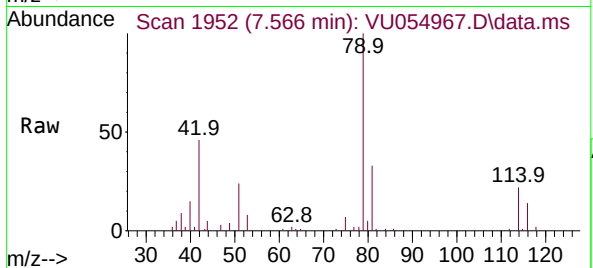
ClientSampleId :

Tgt Ion: 75 Resp: 1838

Ion Ratio Lower Upper

75 100

77 33.5 22.5 41.7



#48

2-Hexanone

Concen: 3.341 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054967.D

Acq: 29 Aug 2023 19:28

Tgt Ion: 43 Resp: 14928

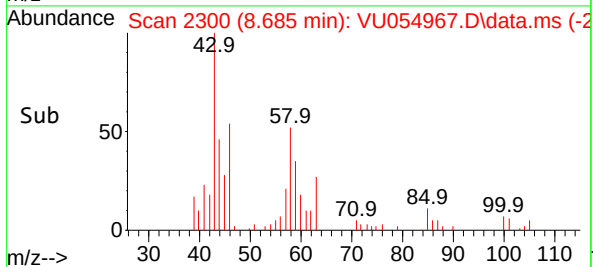
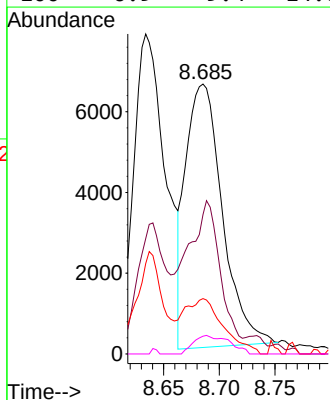
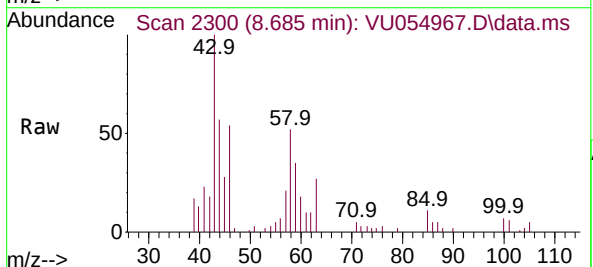
Ion Ratio Lower Upper

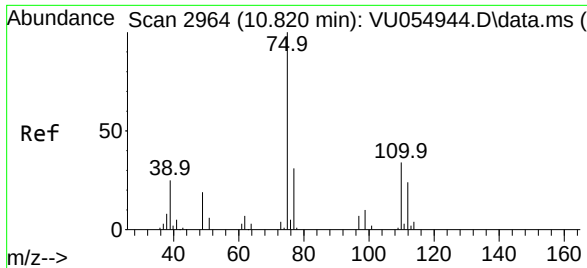
43 100

58 53.7 44.0 66.0

57 23.0 15.9 23.9

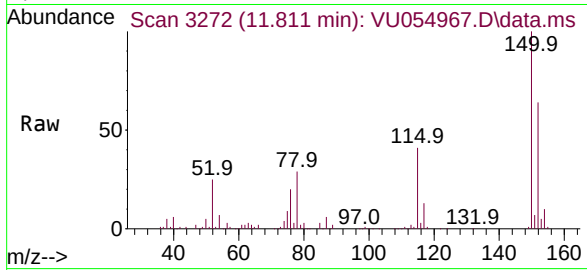
100 6.9 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.863 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054967.D
 Acq: 29 Aug 2023 19:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11462
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.0 43.6#
 77 35.5 26.5 39.7

