

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054652.D
 Acq On : 22 Jun 2023 13:36
 Operator : MD/SY
 Sample : 03326-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA34

Quant Time: Jun 23 04:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

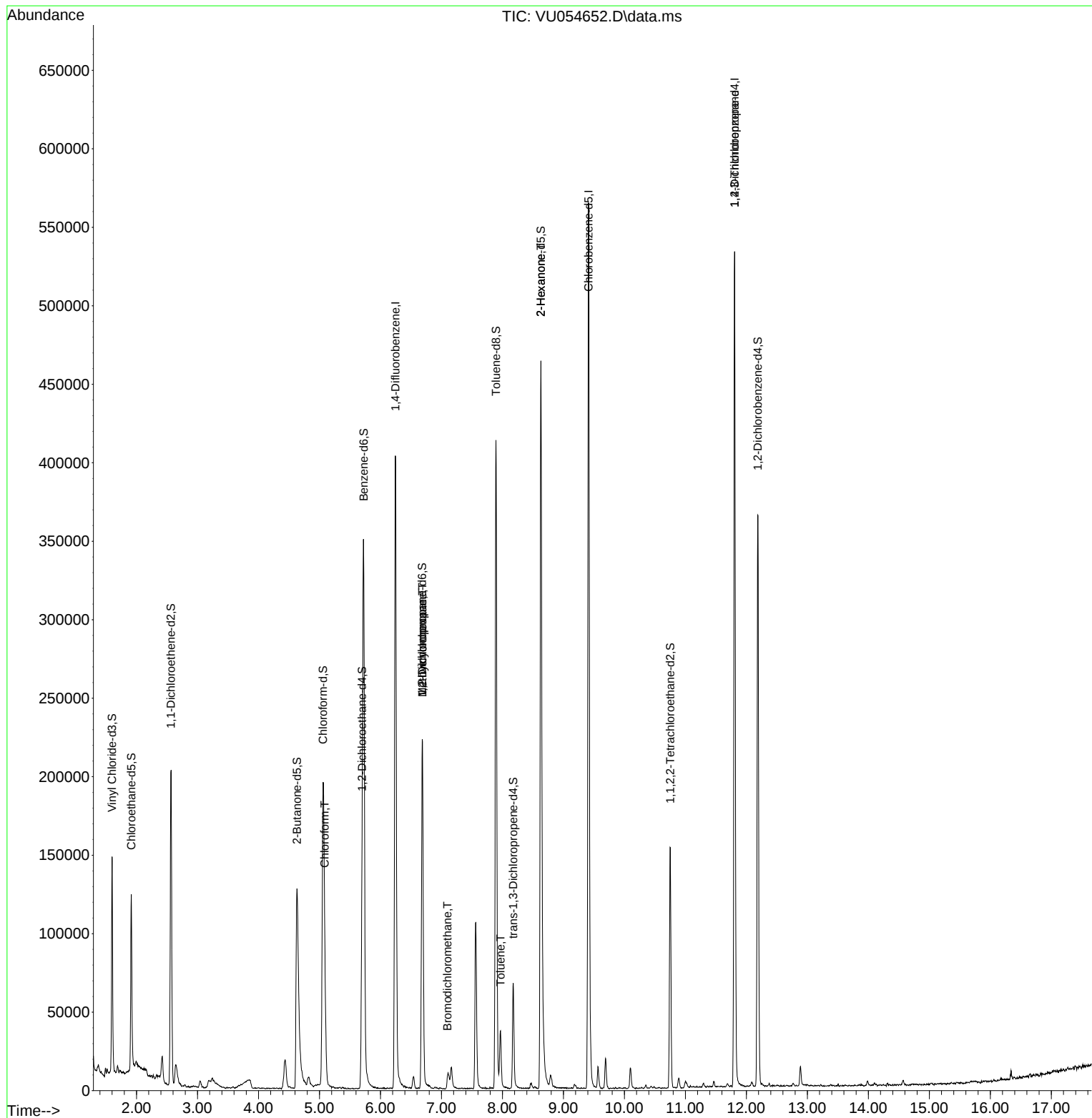
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	325434	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	304714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	102010	4.925	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.600%	
7) Chloroethane-d5	1.914	69	84122	4.338	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.563	65	38586	4.171	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	4.631	46	239069	41.056	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.120%	
24) Chloroform-d	5.058	84	166573	3.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
26) 1,2-Dichloroethane-d4	5.698	65	83892	3.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
32) Benzene-d6	5.724	84	324903	3.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
36) 1,2-Dichloropropane-d6	6.685	67	113308	4.006	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.200%	
41) Toluene-d8	7.894	98	274962	3.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	8.177	79	39069	3.972	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.631	63	155062	37.573	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.140%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80085	3.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	96154	4.047	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.000%	
Target Compounds						
25) Chloroform	5.084	83	63365	1.274	ug/L	98
35) Methylcyclohexane	6.689	83	24011	0.549	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	11289	0.381	ug/L #	90
38) Bromodichloromethane	7.100	83	5450	0.163	ug/L	92
42) Toluene	7.968	91	25044	0.222	ug/L	96
48) 2-Hexanone	8.631	43	21850	1.856	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	18105	1.272	ug/L #	68

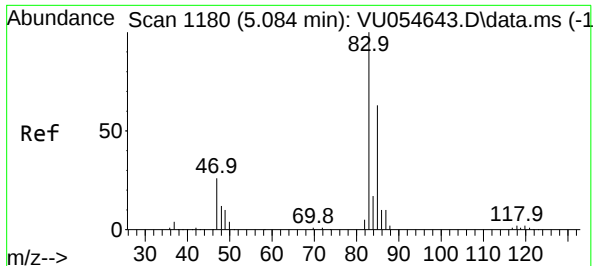
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 1.274 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054652.D

Acq: 22 Jun 2023 13:36

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ClientSampleId :

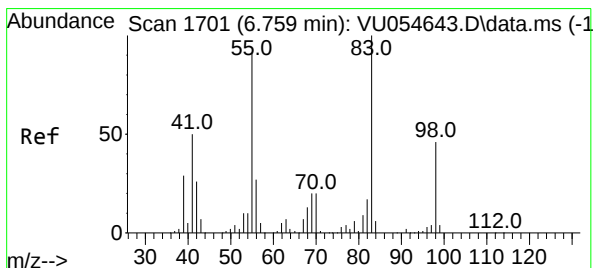
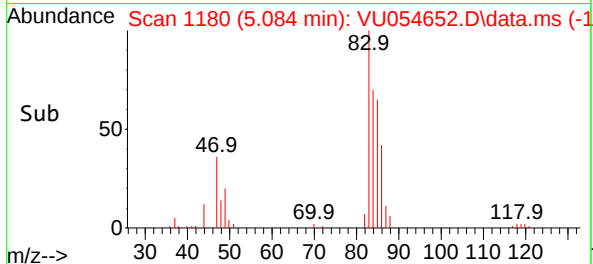
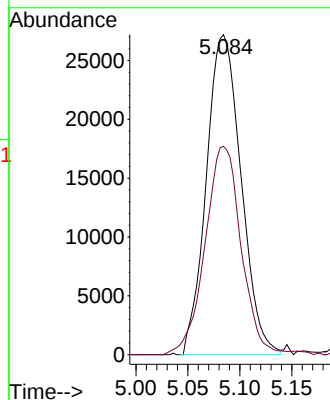
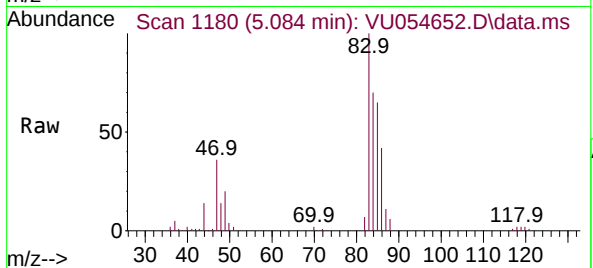
GCA34

Tgt Ion: 83 Resp: 63365

Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9



#35

Methylcyclohexane

Concen: 0.549 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054652.D

Acq: 22 Jun 2023 13:36

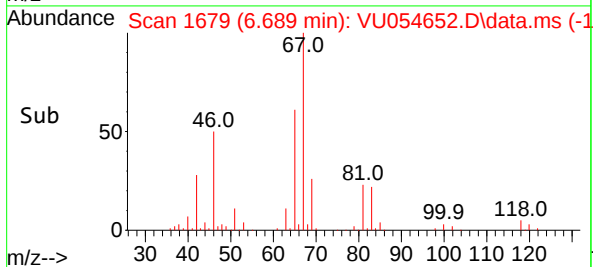
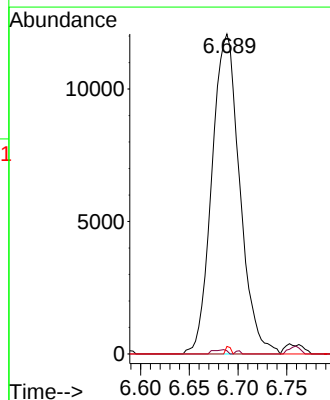
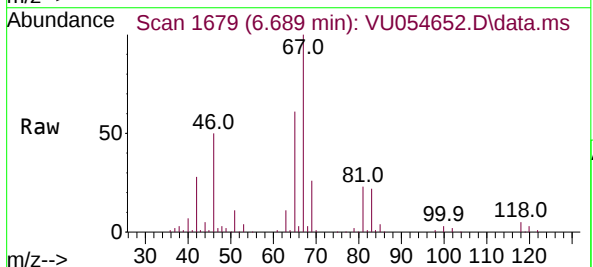
Tgt Ion: 83 Resp: 24011

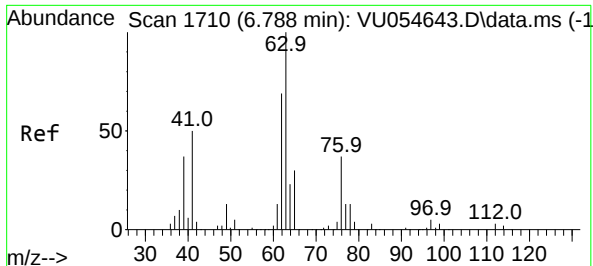
Ion Ratio Lower Upper

83 100

55 0.7 67.1 100.7#

98 0.4 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.381 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054652.D

Acq: 22 Jun 2023 13:36

Instrument :

MSVOA_U

ClientSampleId :

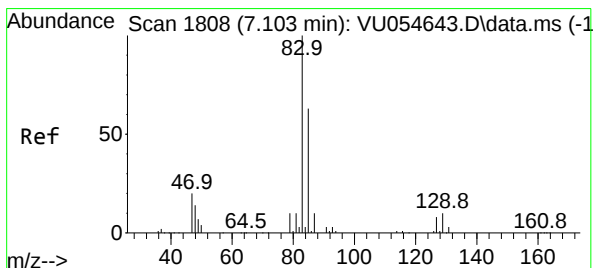
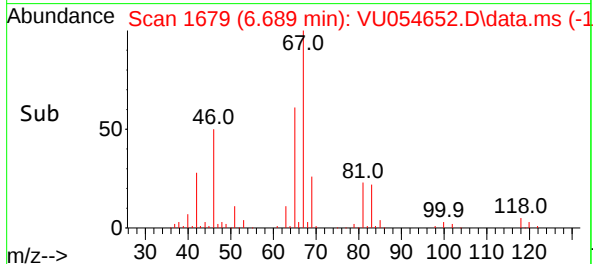
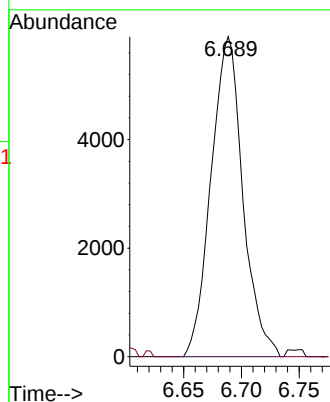
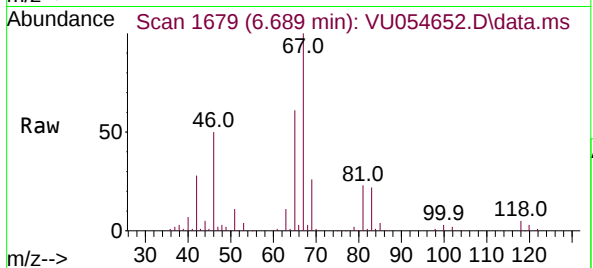
GCA34

Tgt Ion: 63 Resp: 11289

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.163 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU054652.D

Acq: 22 Jun 2023 13:36

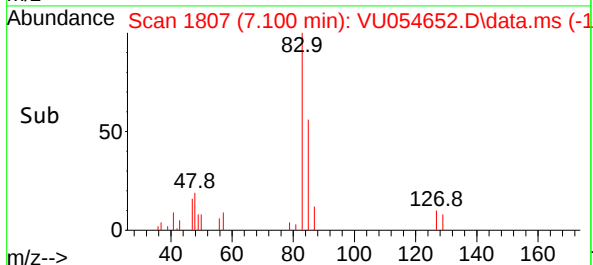
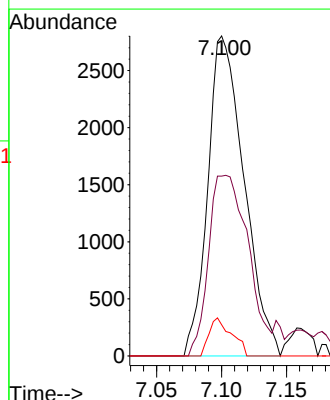
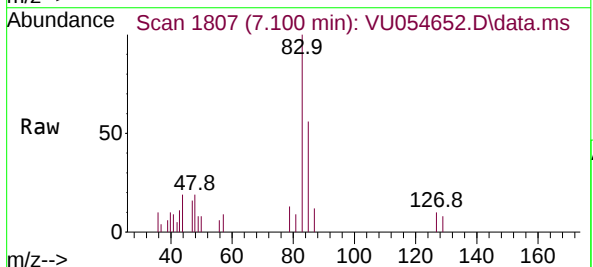
Tgt Ion: 83 Resp: 5450

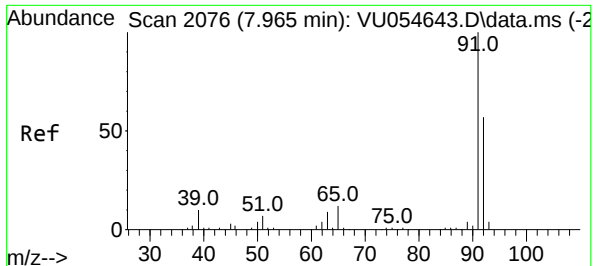
Ion Ratio Lower Upper

83 100

85 56.2 44.1 81.9

127 9.8 6.6 10.0





#42

Toluene

Concen: 0.222 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054652.D

Acq: 22 Jun 2023 13:36

Instrument :

MSVOA_U

ClientSampleId :

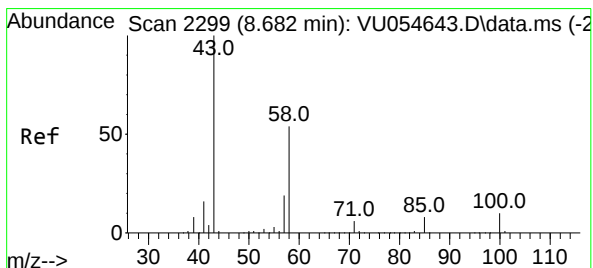
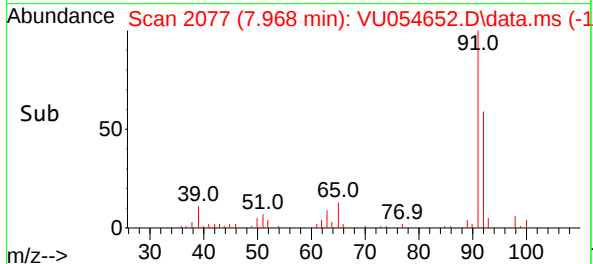
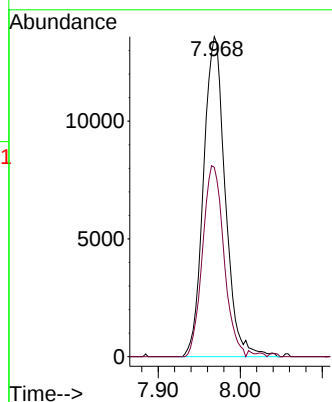
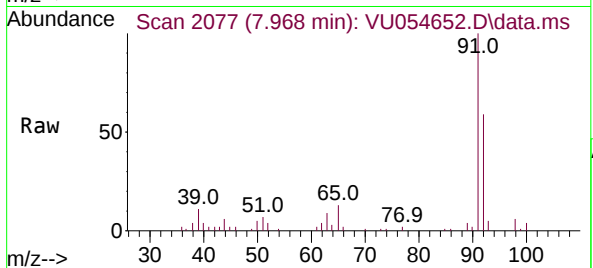
GCA34

Tgt Ion: 91 Resp: 25044

Ion Ratio Lower Upper

91 100

92 59.2 39.5 73.4



#48

2-Hexanone

Concen: 1.856 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.051 min

Lab File: VU054652.D

Acq: 22 Jun 2023 13:36

Tgt Ion: 43 Resp: 21850

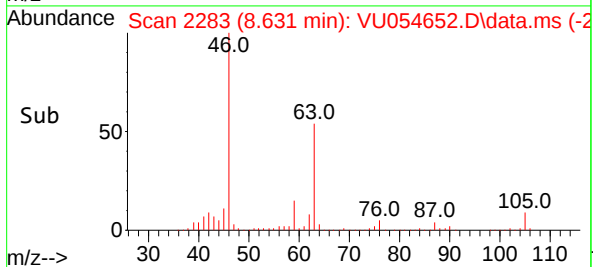
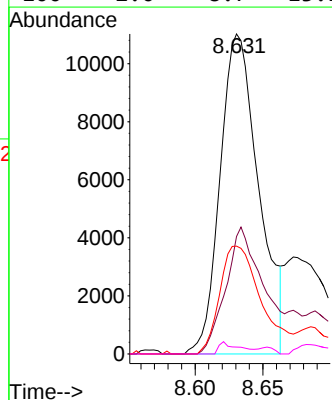
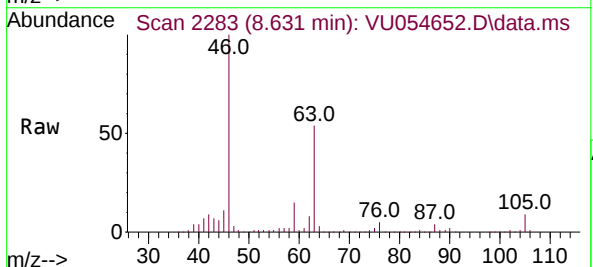
Ion Ratio Lower Upper

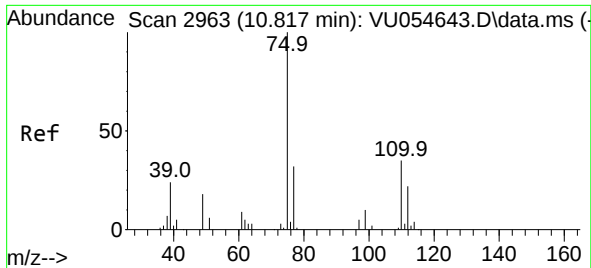
43 100

58 38.9 45.2 67.8#

57 36.4 15.8 23.6#

100 2.0 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.272 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054652.D
 Acq: 22 Jun 2023 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA34

Tgt Ion: 75 Resp: 18105
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.0 42.0#
 77 33.3 25.4 38.2

