

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057725.D
 Acq On : 29 Jan 2024 18:33
 Operator : MD/SY
 Sample : P1239-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB4

Quant Time: Jan 30 00:35:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

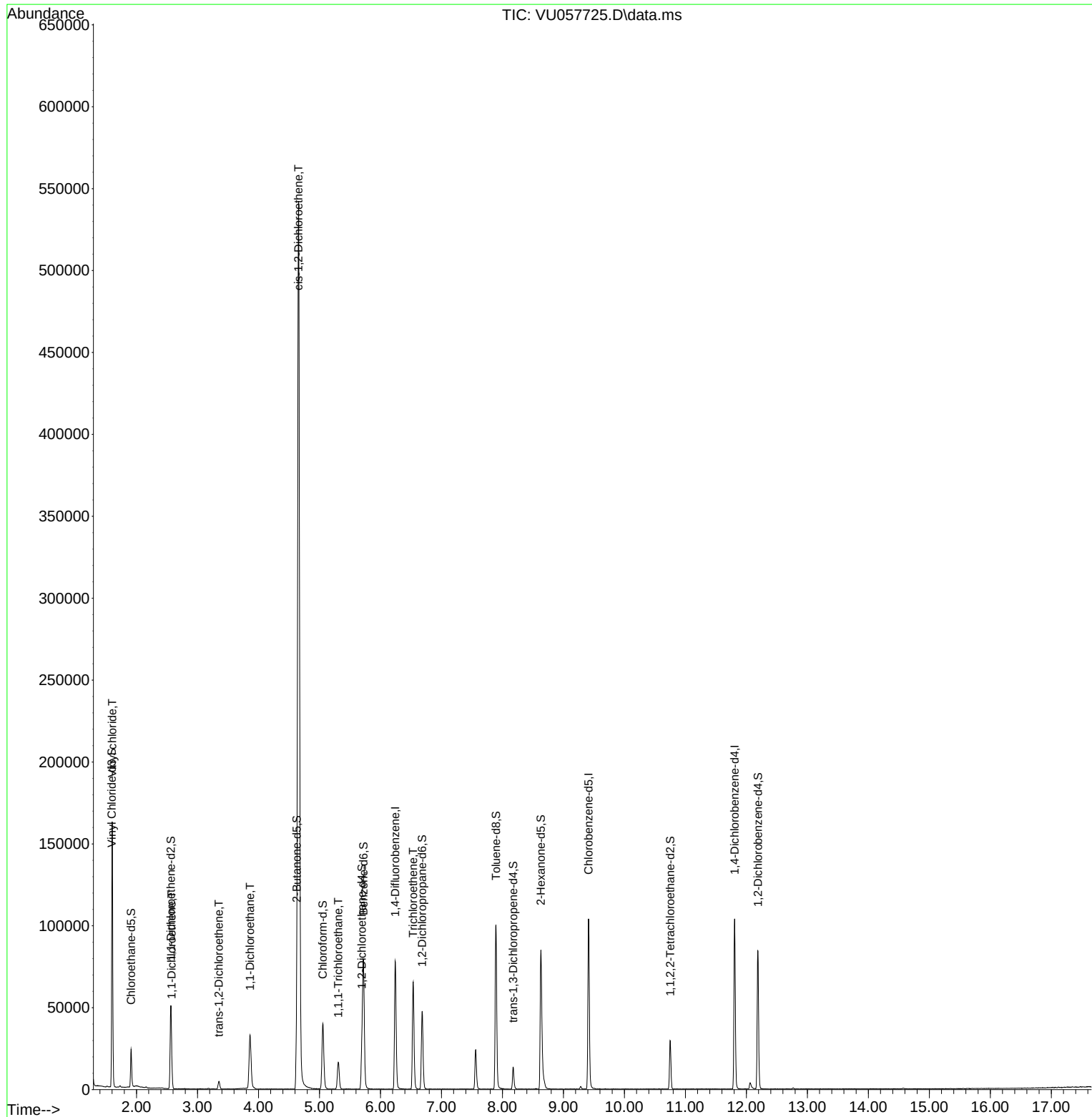
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20496	5.831	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 116.600%		
7) Chloroethane-d5	1.911	69	16777	5.696	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 114.000%		
11) 1,1-Dichloroethene-d2	2.563	65	8806	5.328	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.600%		
20) 2-Butanone-d5	4.628	46	37116	55.975	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.940%		
24) Chloroform-d	5.055	84	37001	5.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	5.695	65	18653	5.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.000%		
32) Benzene-d6	5.721	84	75348	5.476	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
36) 1,2-Dichloropropane-d6	6.682	67	22730	5.477	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.600%		
41) Toluene-d8	7.894	98	69126	5.292	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	8.177	79	8372	5.061	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.200%		
46) 2-Hexanone-d5	8.631	63	29860	56.581	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 113.160%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	14956	5.376	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	21707	5.782	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	95421	16.575	ug/L	99
12) 1,1-Dichloroethene	2.576	96	2900	0.625	ug/L	# 1
18) trans-1,2-Dichloroethene	3.351	96	2154	0.441	ug/L	91
19) 1,1-Dichloroethane	3.862	63	37339	4.141	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	281303	53.582	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	12339	1.433	ug/L	100
34) Trichloroethene	6.537	95	22516	4.059	ug/L	98

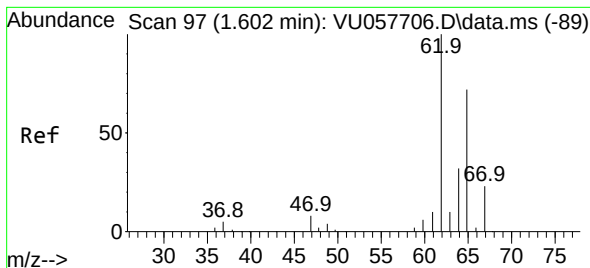
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
Data File : VU057725.D
Acq On : 29 Jan 2024 18:33
Operator : MD/SY
Sample : P1239-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0FB4

Quant Time: Jan 30 00:35:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 30 00:30:52 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 16.575 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057725.D

Acq: 29 Jan 2024 18:33

Instrument :

MSVOA_U

ClientSampleId :

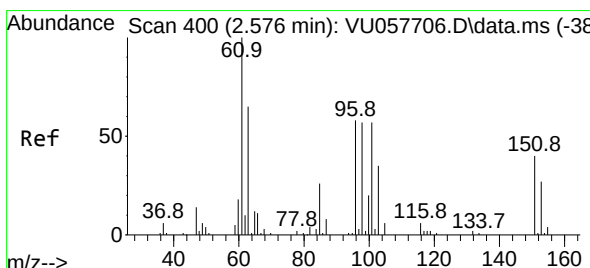
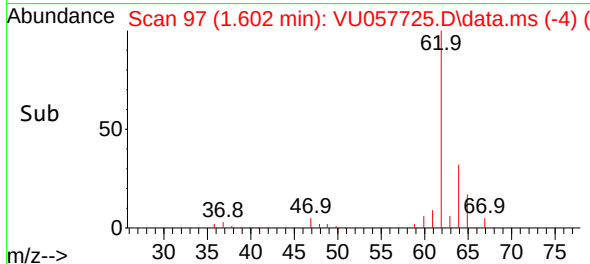
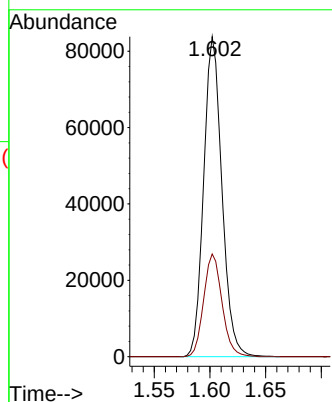
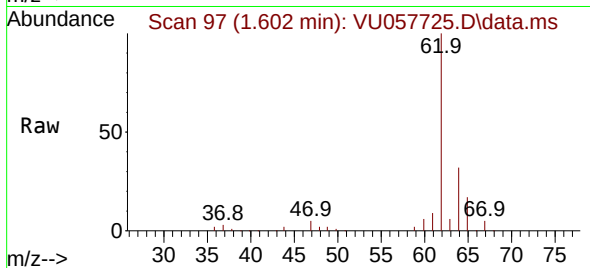
C0FB4

Tgt Ion: 62 Resp: 95421

Ion Ratio Lower Upper

62 100

64 32.1 22.8 42.4



#12

1,1-Dichloroethene

Concen: 0.625 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU057725.D

Acq: 29 Jan 2024 18:33

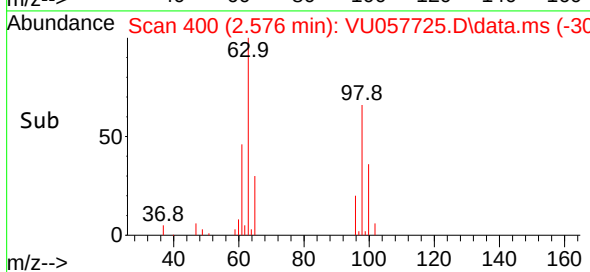
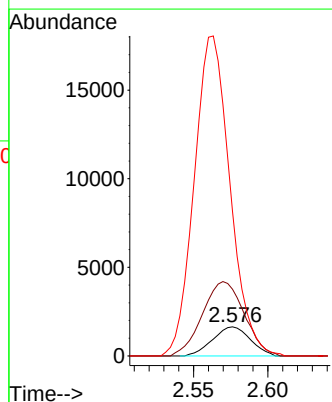
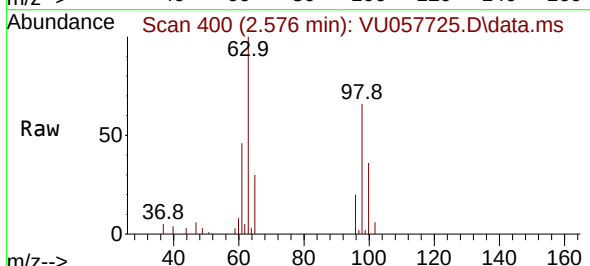
Tgt Ion: 96 Resp: 2900

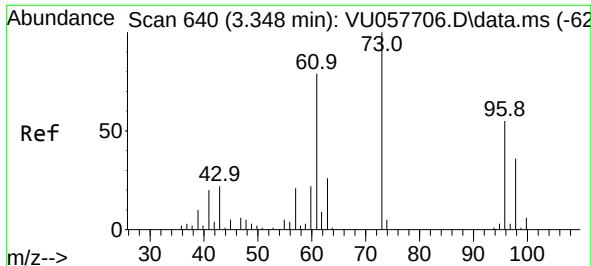
Ion Ratio Lower Upper

96 100

61 229.3 120.7 224.1#

63 497.1 72.5 134.7#

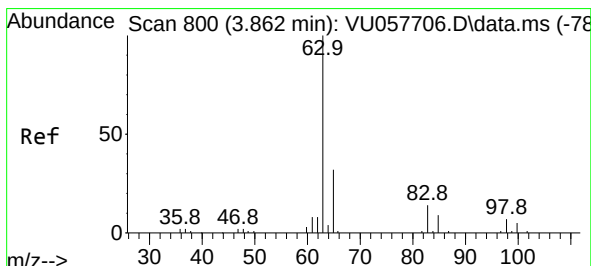
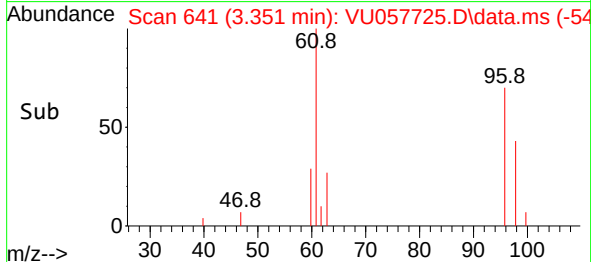
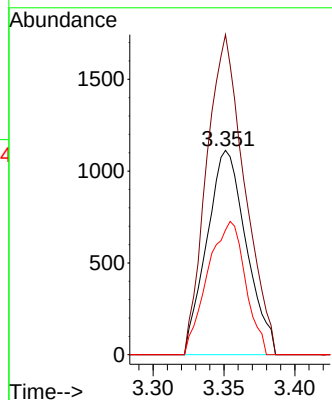
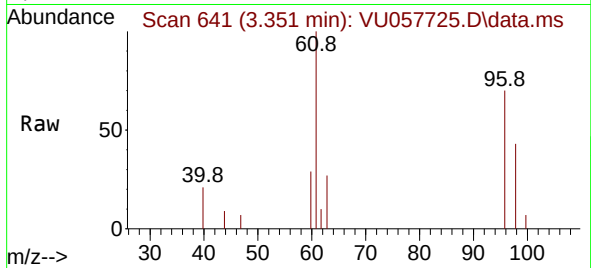




#18
trans-1,2-Dichloroethene
Concen: 0.441 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057725.D
Acq: 29 Jan 2024 18:33

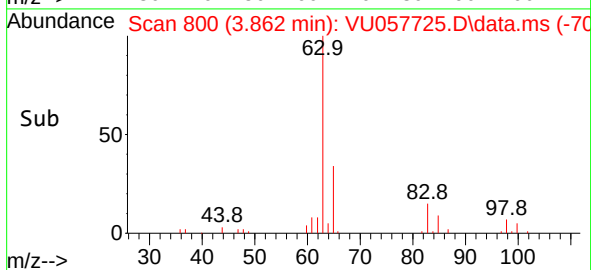
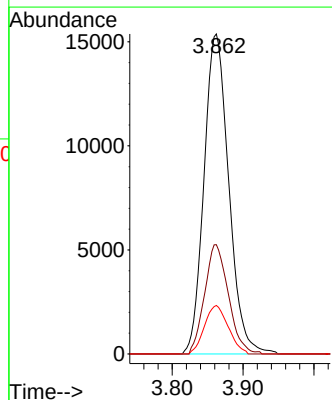
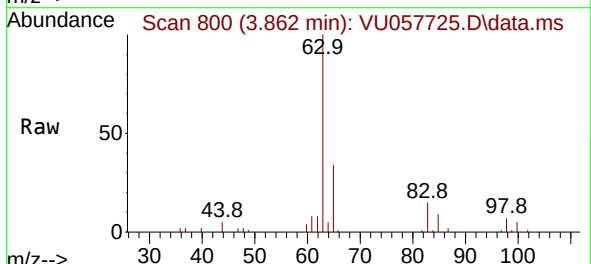
Instrument :
MSVOA_U
ClientSampleId :
C0FB4

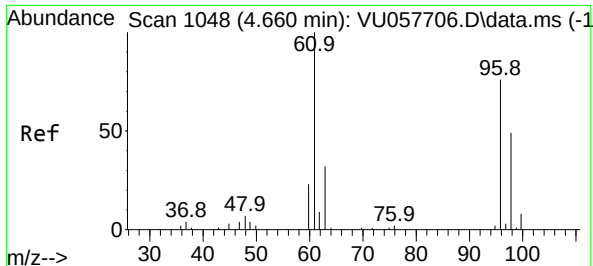
Tgt Ion: 96 Resp: 2154
Ion Ratio Lower Upper
96 100
61 156.6 99.3 184.5
98 61.0 44.5 82.7



#19
1,1-Dichloroethane
Concen: 4.141 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057725.D
Acq: 29 Jan 2024 18:33

Tgt Ion: 63 Resp: 37339
Ion Ratio Lower Upper
63 100
65 35.2 23.0 42.8
83 15.1 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 53.582 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU057725.D

Acq: 29 Jan 2024 18:33

Instrument :

MSVOA_U

ClientSampleId :

C0FB4

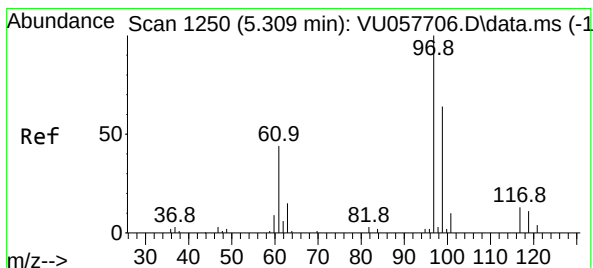
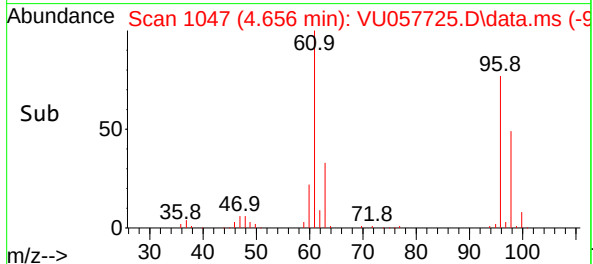
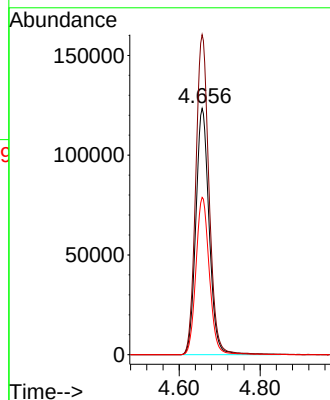
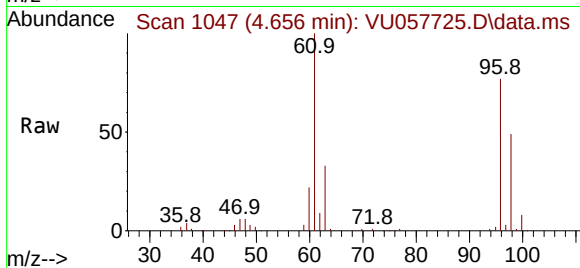
Tgt Ion: 96 Resp: 281303

Ion Ratio Lower Upper

96 100

61 129.9 92.7 172.1

98 63.9 44.9 83.5



#29

1,1,1-Trichloroethane

Concen: 1.433 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057725.D

Acq: 29 Jan 2024 18:33

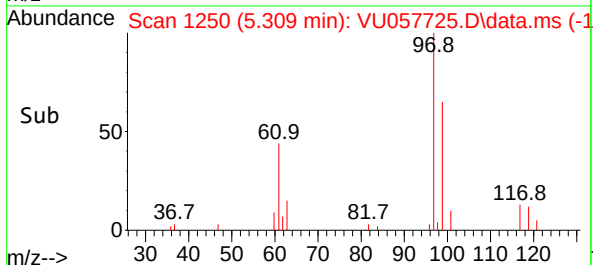
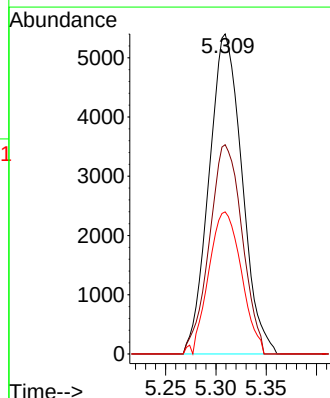
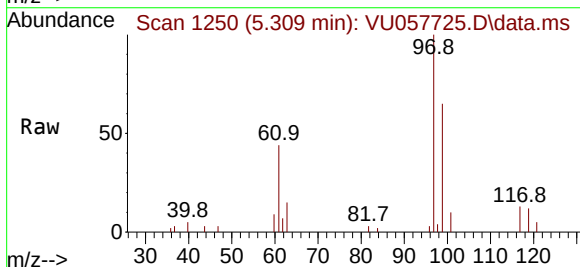
Tgt Ion: 97 Resp: 12339

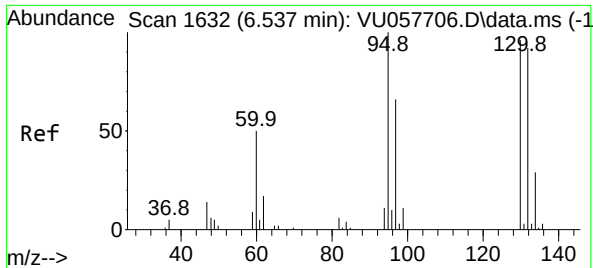
Ion Ratio Lower Upper

97 100

99 65.0 52.0 78.0

61 44.0 35.3 52.9





#34
 Trichloroethene
 Concen: 4.059 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU057725.D
 Acq: 29 Jan 2024 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB4

Tgt Ion: 95	Resp:	22516
Ion	Ratio	Lower Upper
95	100	
97	67.1	46.1 85.5
132	91.7	66.1 122.8
130	95.5	68.7 127.5

