

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053690.D
 Acq On : 13 Apr 2023 18:31
 Operator : JC/MD
 Sample : 02299-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE8

Quant Time: Apr 14 02:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

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

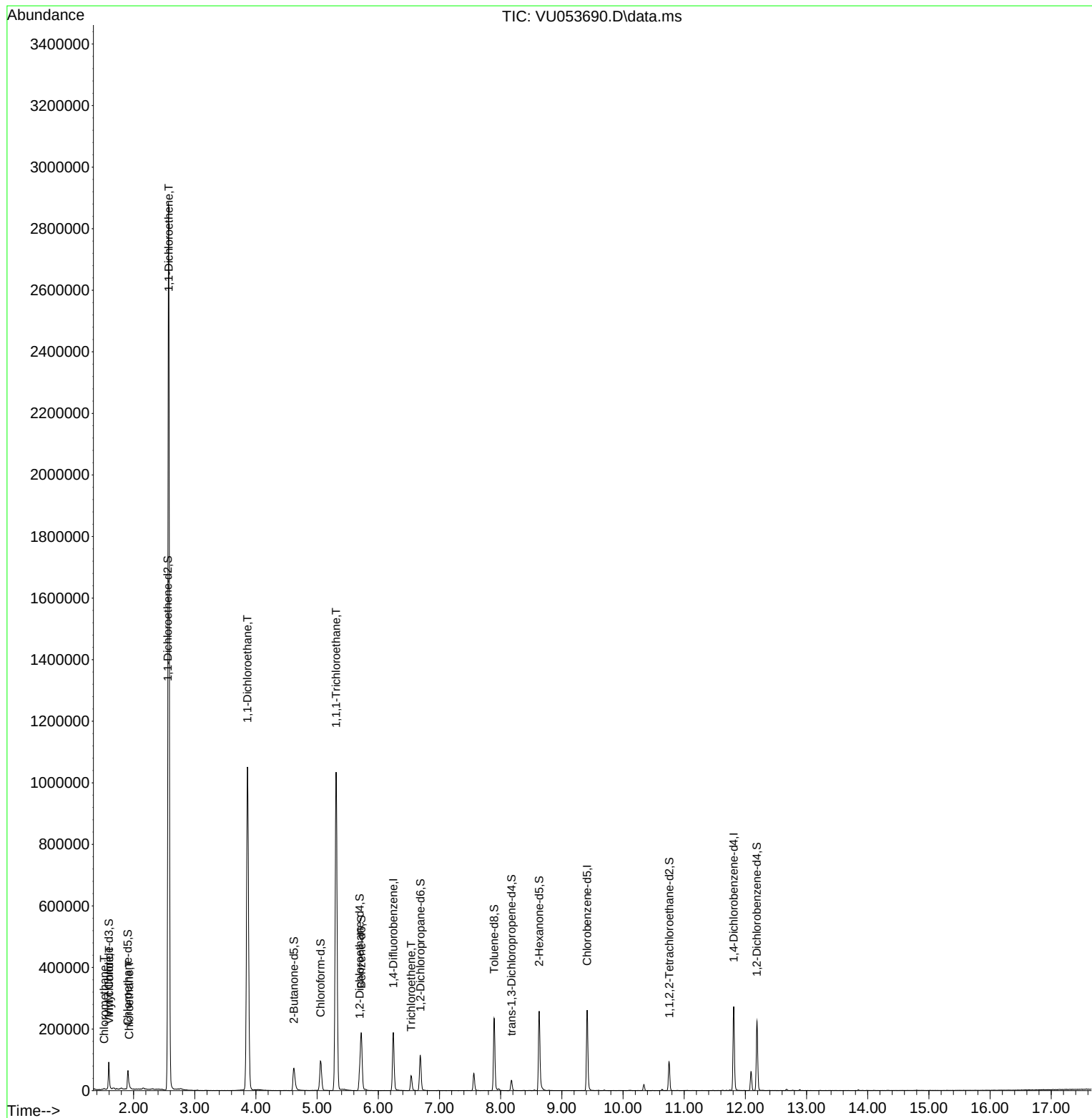
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	158815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	151427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	64912	5.941	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.800%	
7) Chloroethane-d5	1.906	69	49461	4.988	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.559	65	22201	4.770	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	4.620	46	106070	42.379	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.760%	
24) Chloroform-d	5.057	84	90117	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.697	65	45979	4.430	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.723	84	182209	4.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.687	67	57021	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.893	98	162647	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.176	79	20731	4.131	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.629	63	92074	45.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.340%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	46432	4.266	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	61971	4.713	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1573	0.137	ug/L	94
5) Vinyl chloride	1.601	62	5082	0.393	ug/L #	75
8) Chloroethane	1.929	64	4832	0.643	ug/L	97
12) 1,1-Dichloroethene	2.575	96	988662	109.952	ug/L #	65
19) 1,1-Dichloroethane	3.861	63	1172163	68.127	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	751802	50.289	ug/L	96
34) Trichloroethene	6.536	95	16644	1.540	ug/L	96

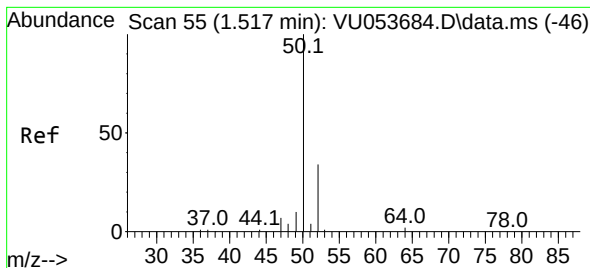
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.137 ug/L

RT: 1.520 min Scan# 50

Delta R.T. 0.003 min

Lab File: VU053690.D

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Instrument :

MSVOA_U

ClientSampleId :

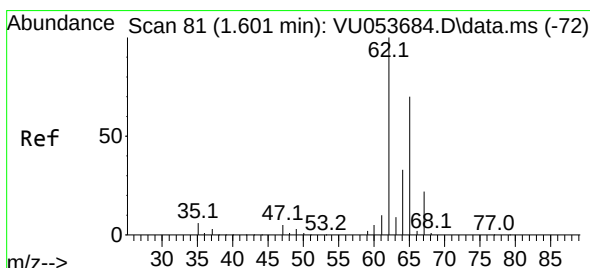
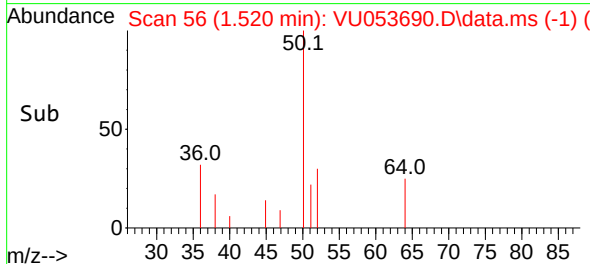
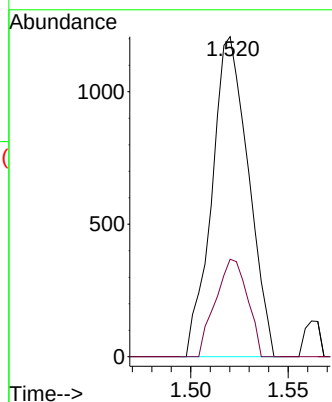
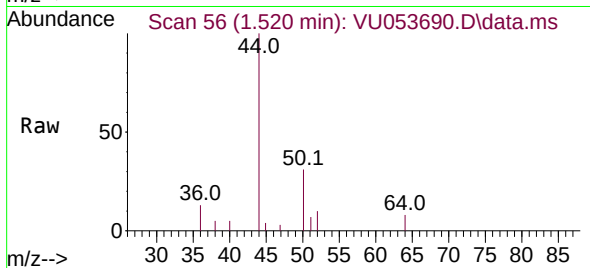
C0AE8

Tgt Ion: 50 Resp: 1573

Ion Ratio Lower Upper

50 100

52 30.5 23.9 44.3



#5

Vinyl chloride

Concen: 0.393 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053690.D

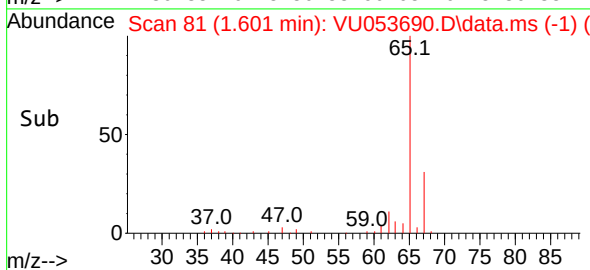
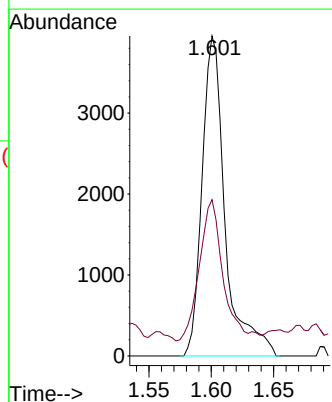
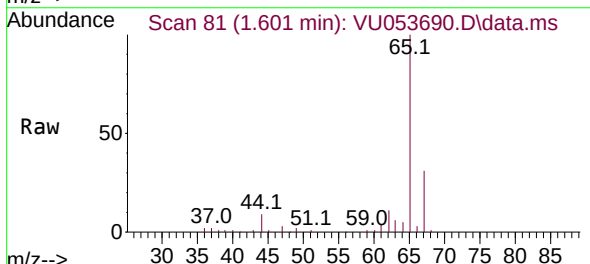
Acq: 13 Apr 2023 18:31

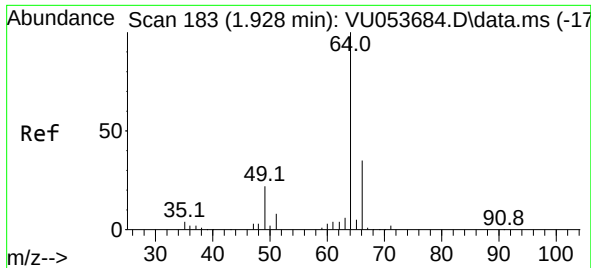
Tgt Ion: 62 Resp: 5082

Ion Ratio Lower Upper

62 100

64 48.8 24.1 44.7#

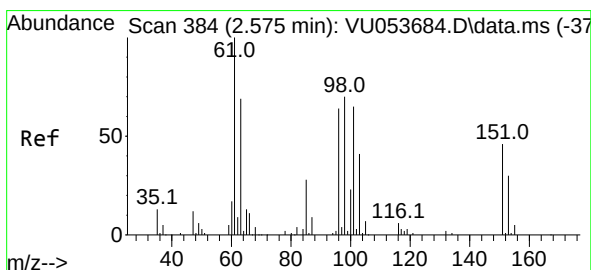
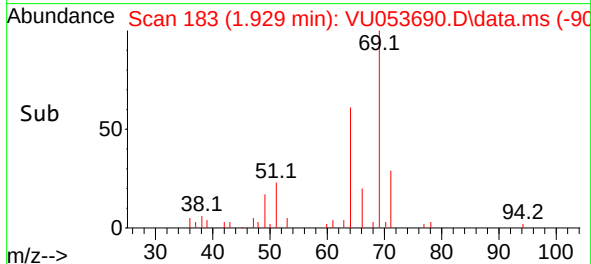
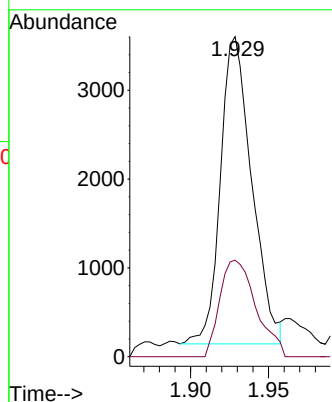
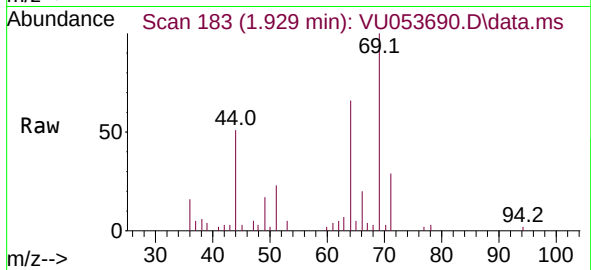




#8
Chloroethane
Concen: 0.643 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

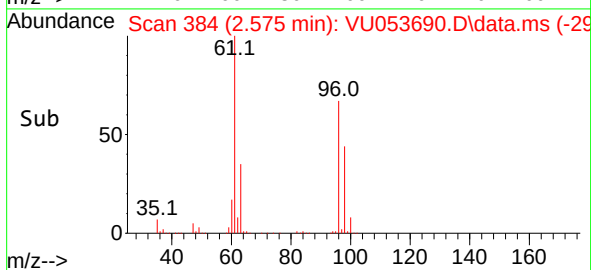
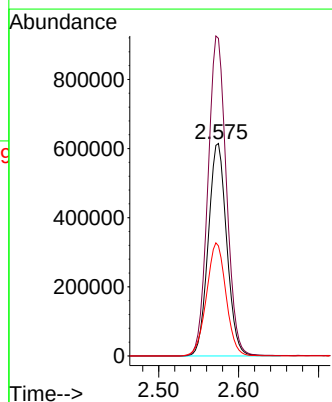
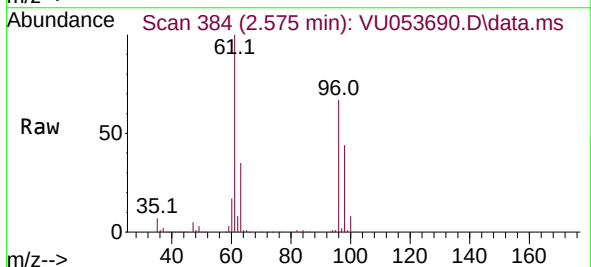
Instrument :
MSVOA_U
ClientSampleId :
C0AE8

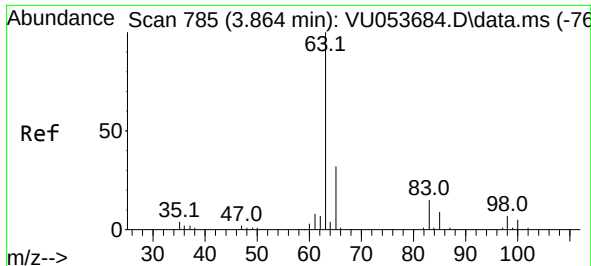
Tgt Ion: 64 Resp: 4832
Ion Ratio Lower Upper
64 100
66 30.1 22.3 41.5



#12
1,1-Dichloroethene
Concen: 109.952 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU053690.D
Acq: 13 Apr 2023 18:31

Tgt Ion: 96 Resp: 988662
Ion Ratio Lower Upper
96 100
61 149.5 116.8 216.8
63 51.8 88.6 164.6#





#19

1,1-Dichloroethane

Concen: 68.127 ug/L

RT: 3.861 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU053690.D

Acq: 13 Apr 2023 18:31

Instrument :

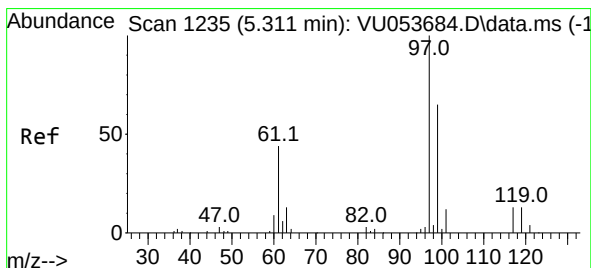
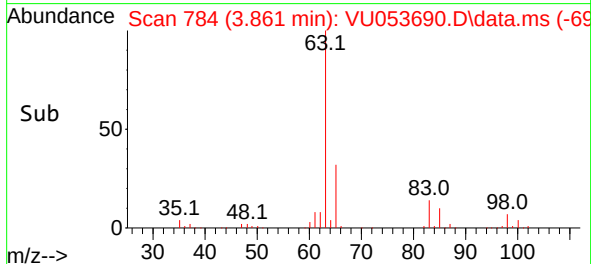
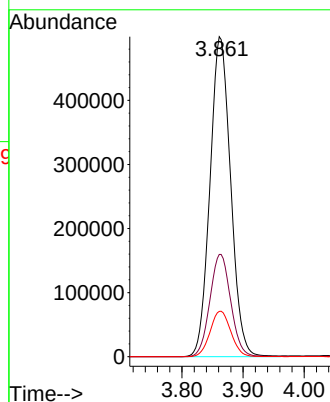
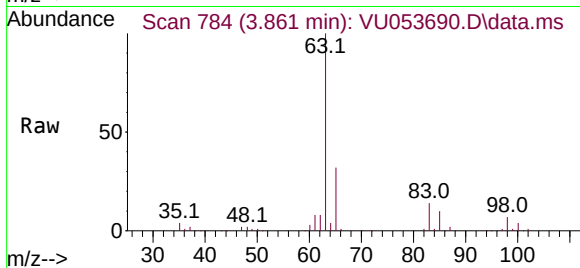
MSVOA_U

ClientSampleId :

C0AE8

Tgt Ion: 63 Resp: 1172163

Ion	Ratio	Lower	Upper
63	100		
65	32.0	21.7	40.3
83	14.2	8.1	15.1



#29

1,1,1-Trichloroethane

Concen: 50.289 ug/L

RT: 5.311 min Scan# 1235

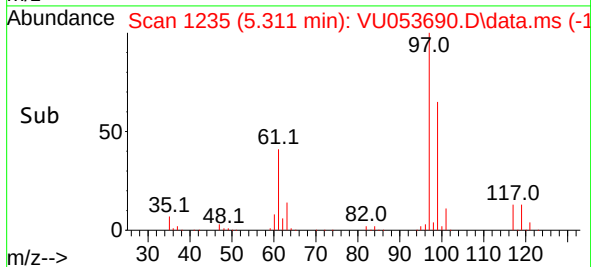
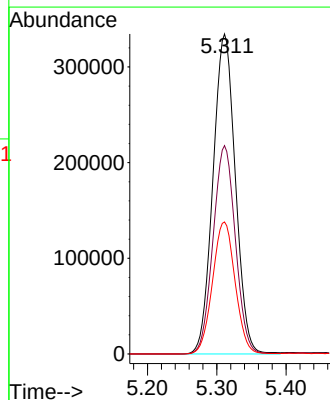
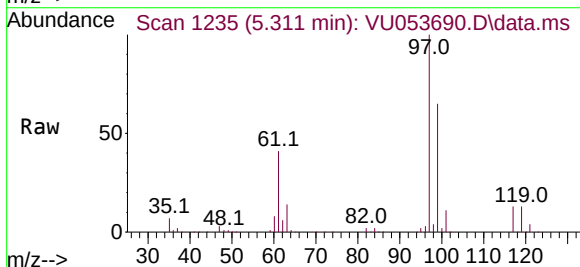
Delta R.T. 0.000 min

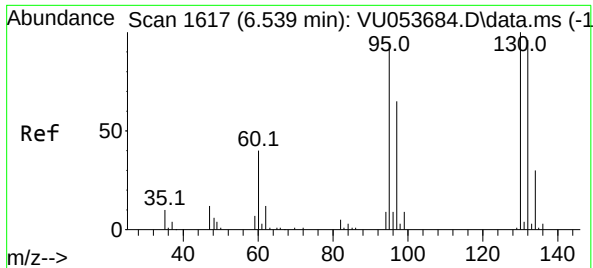
Lab File: VU053690.D

Acq: 13 Apr 2023 18:31

Tgt Ion: 97 Resp: 751802

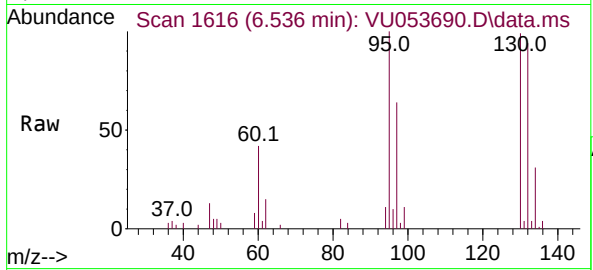
Ion	Ratio	Lower	Upper
97	100		
99	64.8	49.9	74.9
61	41.6	35.7	53.5





#34
 Trichloroethene
 Concen: 1.540 ug/L
 RT: 6.536 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU053690.D
 Acq: 13 Apr 2023 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE8



Tgt Ion: 95 Resp: 16644

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.3	84.1
132	94.4	62.8	116.6
130	98.8	65.1	120.9

