

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053801.D
 Acq On : 20 Apr 2023 13:10
 Operator : JC/MD
 Sample : 02340-21 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE22

Quant Time: Apr 21 04:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

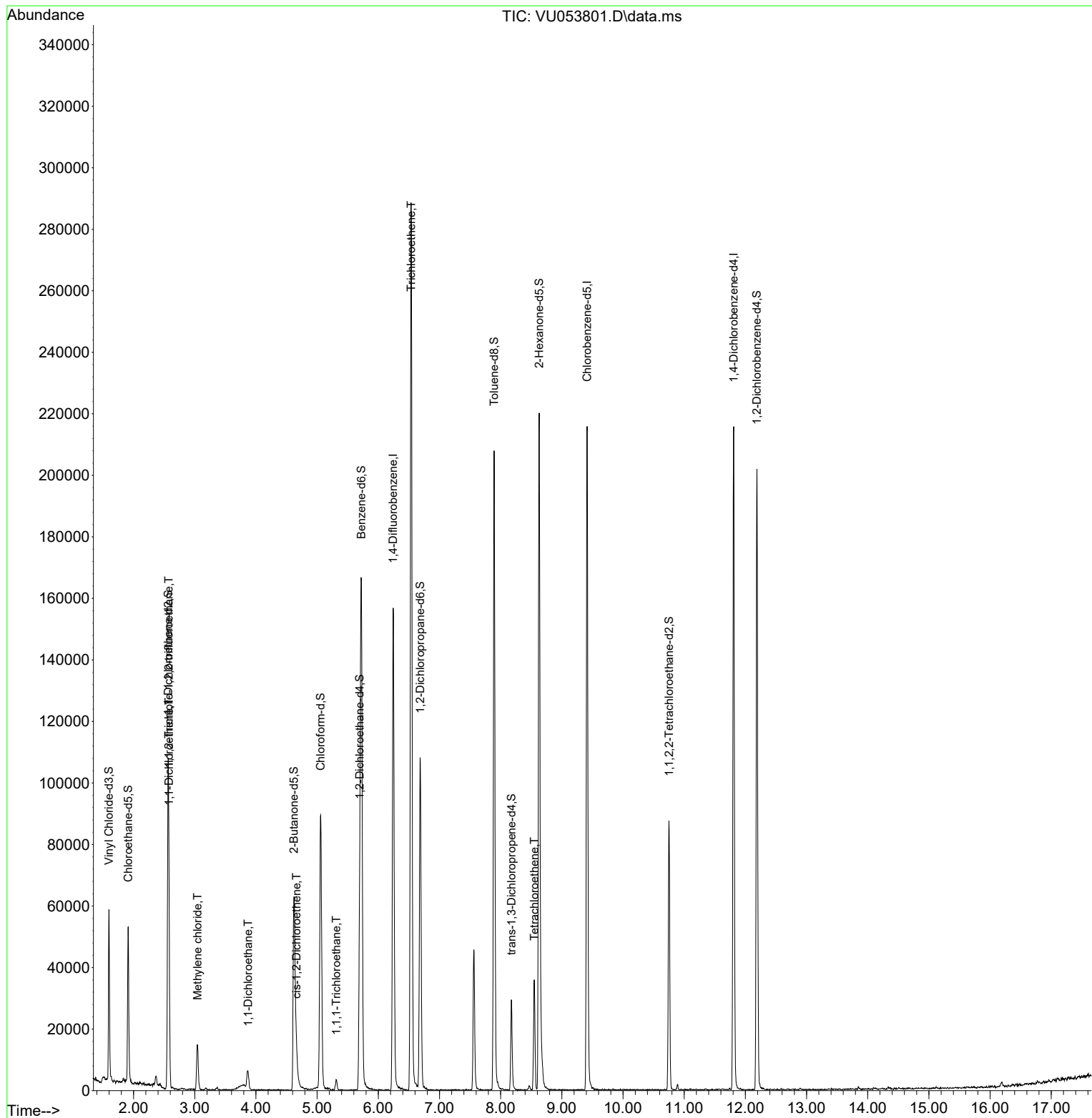
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	135260	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126252	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58628	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42518	4.569	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.912	69	39363	4.661	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.565	65	16359	4.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	4.620	46	94294	44.235	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.460%	
24) Chloroform-d	5.057	84	84169	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.697	65	41763	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.723	84	169514	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.684	67	54674	5.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.893	98	144923	4.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.176	79	17276	4.129	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.629	63	78220	46.028	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.060%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43716	4.817	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	55738	5.284	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3849	0.457	ug/L	95
12) 1,1-Dichloroethene	2.578	96	10635	1.389	ug/L #	41
16) Methylene chloride	3.044	84	7798	0.775	ug/L	98
19) 1,1-Dichloroethane	3.871	63	7973	0.544	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	3662	0.342	ug/L	94
29) 1,1,1-Trichloroethane	5.314	97	2457	0.197	ug/L	94
34) Trichloroethene	6.536	95	99236	11.016	ug/L	92
47) Tetrachloroethene	8.552	164	7851	1.186	ug/L	92

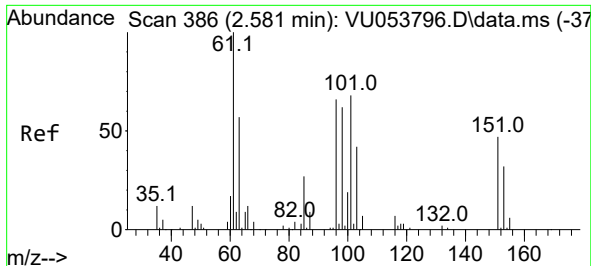
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
Data File : VU053801.D
Acq On : 20 Apr 2023 13:10
Operator : JC/MD
Sample : 02340-21 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE22

Quant Time: Apr 21 04:20:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 19 04:58:28 2023
Response via : Initial Calibration

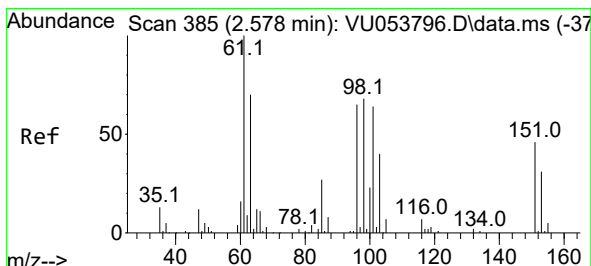
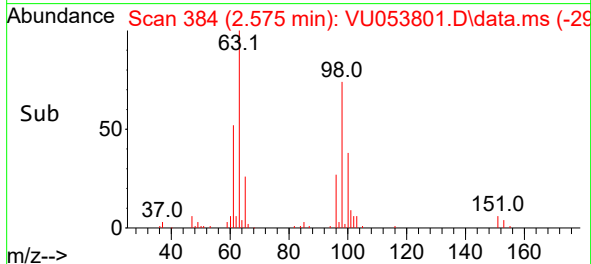
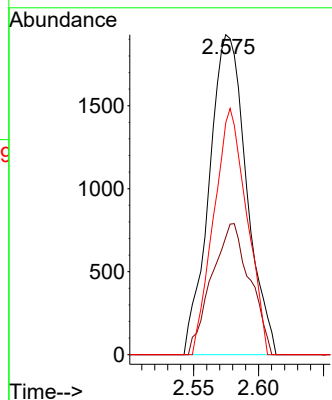
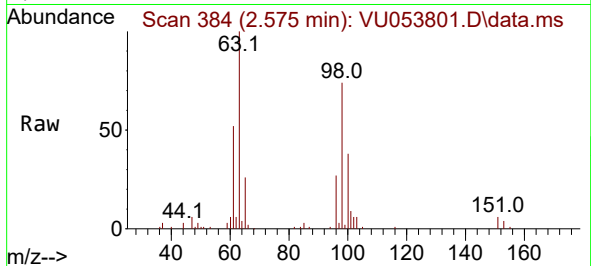




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.457 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU053801.D
 Acq: 20 Apr 2023 13:10

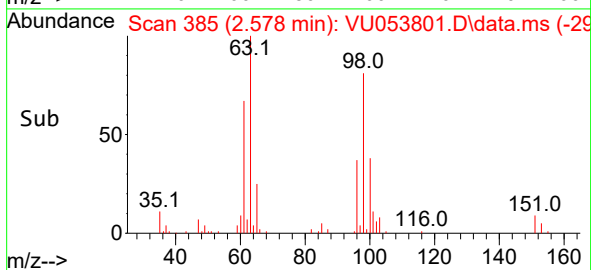
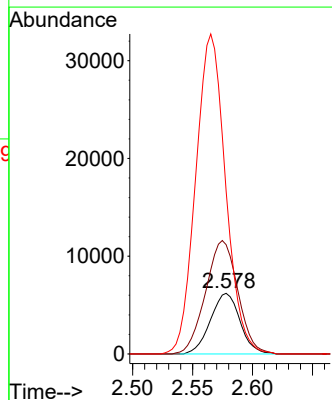
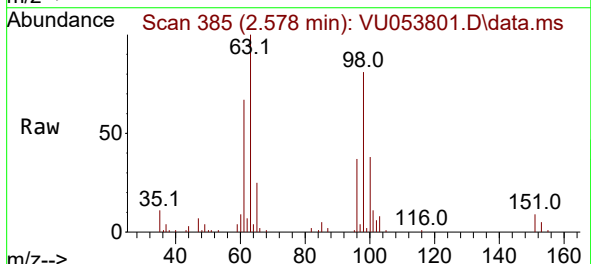
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE22

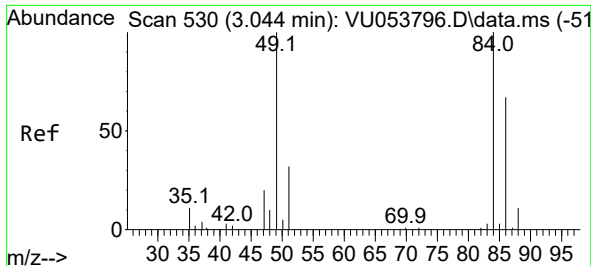
Tgt Ion:101 Resp: 3849
 Ion Ratio Lower Upper
 101 100
 85 42.0 37.0 55.4
 151 68.3 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 1.389 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053801.D
 Acq: 20 Apr 2023 13:10

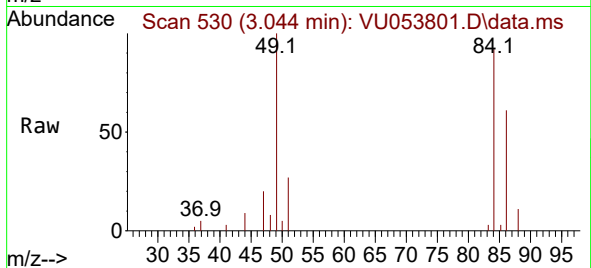
Tgt Ion: 96 Resp: 10635
 Ion Ratio Lower Upper
 96 100
 61 180.1 116.8 216.8
 63 268.6 88.6 164.6#



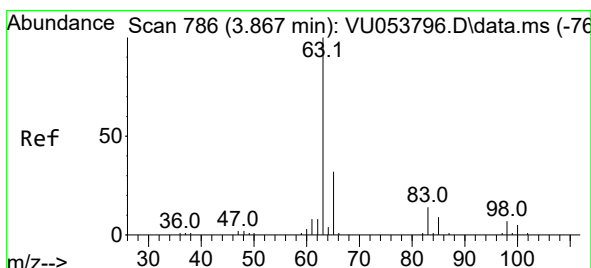
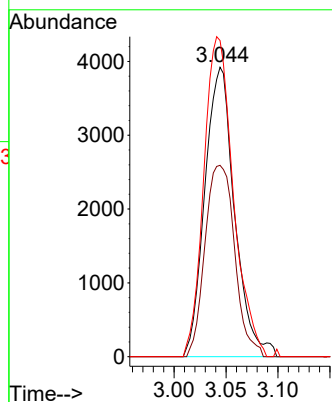
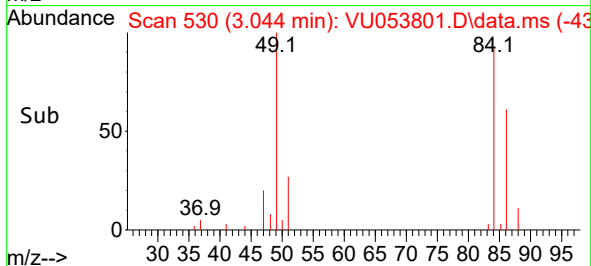


#16
Methylene chloride
Concen: 0.775 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053801.D
Acq: 20 Apr 2023 13:10

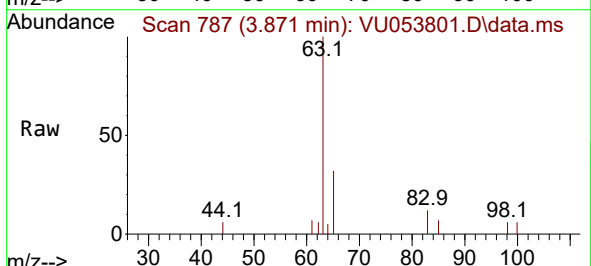
Instrument :
MSVOA_U
ClientSampleId :
BHE22



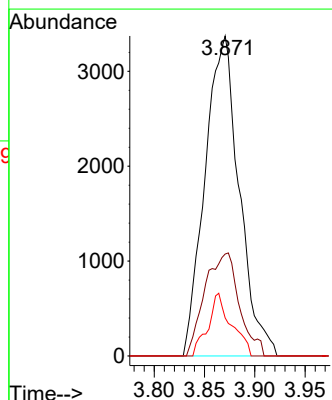
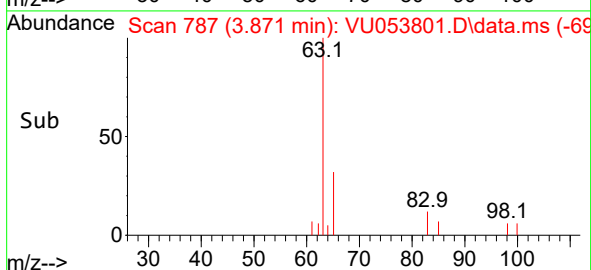
Tgt Ion: 84 Resp: 7798
Ion Ratio Lower Upper
84 100
86 66.1 44.7 83.1
49 109.3 75.5 140.1

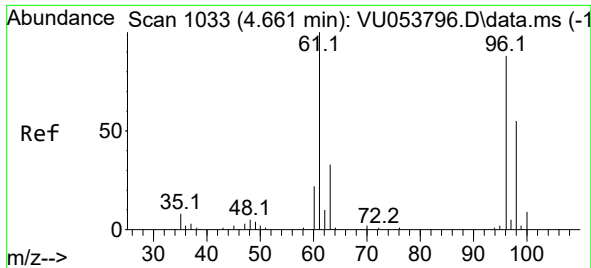


#19
1,1-Dichloroethane
Concen: 0.544 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU053801.D
Acq: 20 Apr 2023 13:10



Tgt Ion: 63 Resp: 7973
Ion Ratio Lower Upper
63 100
65 31.9 21.7 40.3
83 11.9 8.1 15.1





#22

cis-1,2-Dichloroethene

Concen: 0.342 ug/L

RT: 4.665 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053801.D

Acq: 20 Apr 2023 13:10

Instrument :

MSVOA_U

ClientSampleId :

BHE22

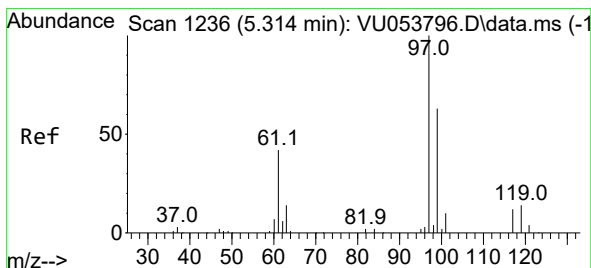
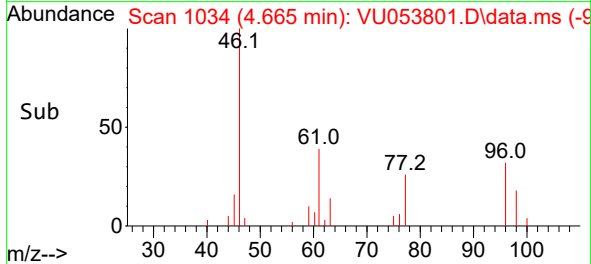
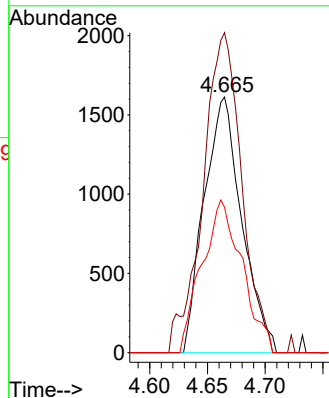
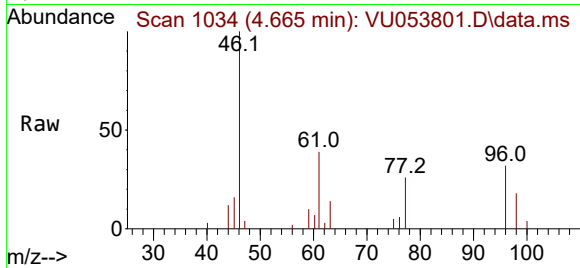
Tgt Ion: 96 Resp: 3662

Ion Ratio Lower Upper

96 100

61 125.2 86.6 160.8

98 56.9 47.7 88.5



#29

1,1,1-Trichloroethane

Concen: 0.197 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU053801.D

Acq: 20 Apr 2023 13:10

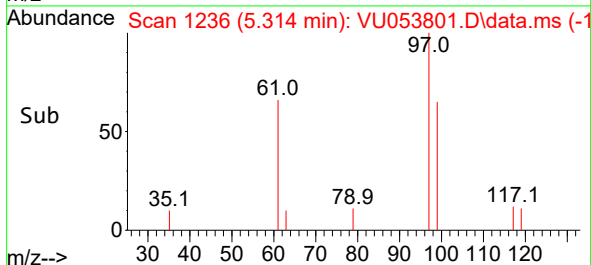
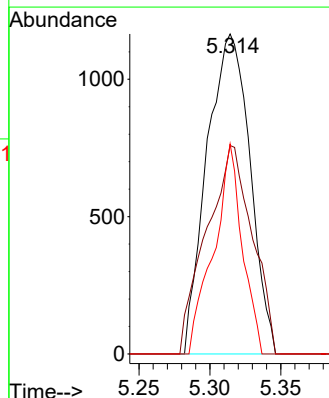
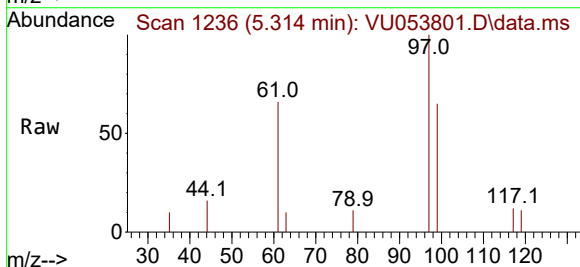
Tgt Ion: 97 Resp: 2457

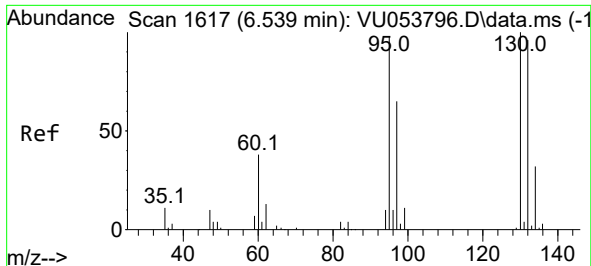
Ion Ratio Lower Upper

97 100

99 69.4 49.9 74.9

61 43.7 35.7 53.5

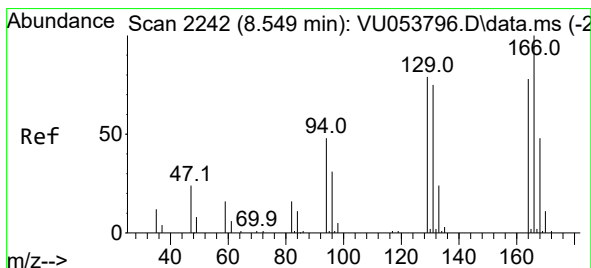
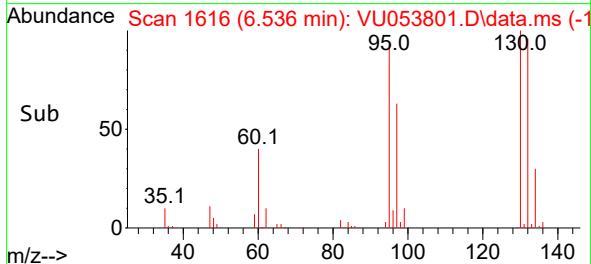
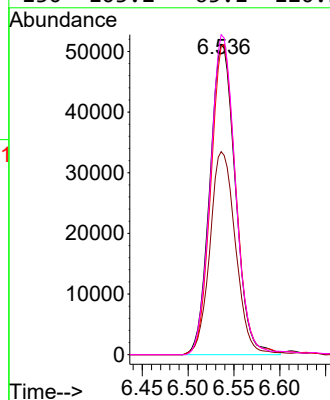
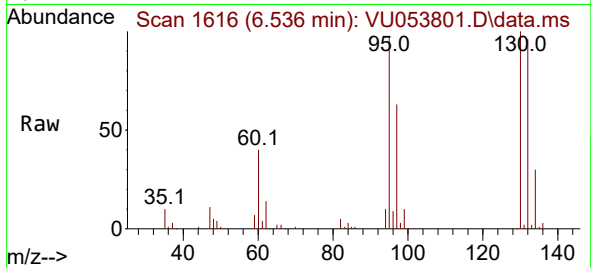




#34
Trichloroethene
Concen: 11.016 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053801.D
Acq: 20 Apr 2023 13:10

Instrument :
MSVOA_U
ClientSampleId :
BHE22

Tgt Ion: 95 Resp: 99236
Ion Ratio Lower Upper
95 100
97 65.5 45.3 84.1
132 99.3 62.8 116.6
130 103.2 65.1 120.9



#47
Tetrachloroethene
Concen: 1.186 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053801.D
Acq: 20 Apr 2023 13:10

Tgt Ion: 164 Resp: 7851
Ion Ratio Lower Upper
164 100
129 97.2 74.8 138.8
131 105.5 70.1 130.1
166 135.9 87.3 162.1

