

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
 Data File : VU053771.D
 Acq On : 18 Apr 2023 19:54
 Operator : JC/MD
 Sample : 02340-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE13

Quant Time: Apr 19 05:04:13 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)

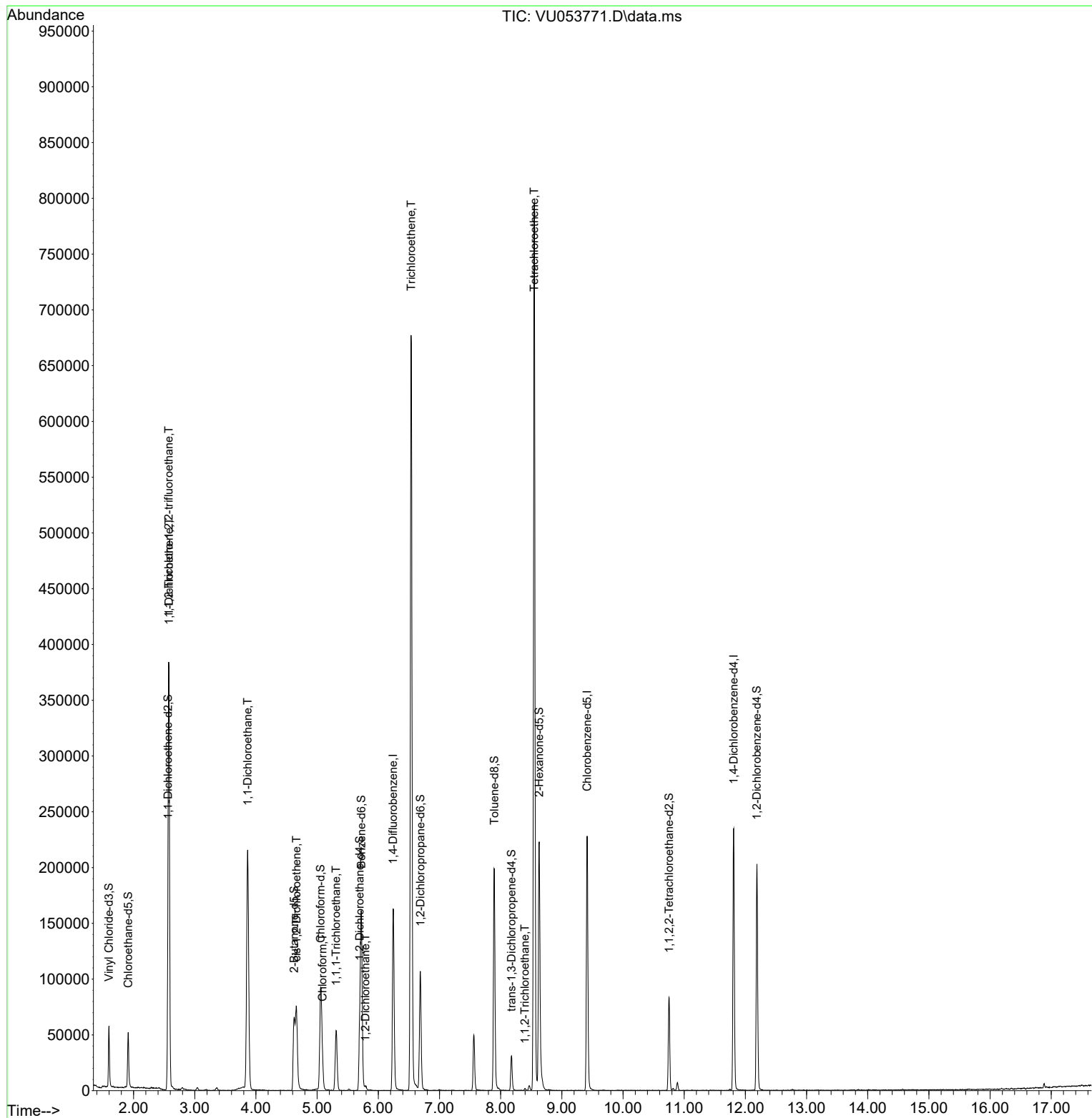
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	140868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41812	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.912	69	37540	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.562	65	15591	3.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.623	46	93111	41.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.880%
24) Chloroform-d	5.057	84	80502	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.697	65	41854	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.723	84	157388	4.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.687	67	52331	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.896	98	143189	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.176	79	18589	4.151	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.629	63	81309	44.699	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	41972	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	55472	4.724	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2926	0.333	ug/L #	84
12) 1,1-Dichloroethene	2.578	96	118227	14.823	ug/L #	70
19) 1,1-Dichloroethane	3.864	63	242838	15.912	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	35850	3.212	ug/L	97
25) Chloroform	5.086	83	23909	1.523	ug/L	97
27) 1,2-Dichloroethane	5.790	62	2666	0.271	ug/L #	77
29) 1,1,1-Trichloroethane	5.311	97	39155	2.935	ug/L	96
34) Trichloroethene	6.536	95	230326	23.886	ug/L	94
45) 1,1,2-Trichloroethane	8.398	97	720	0.106	ug/L #	83
47) Tetrachloroethene	8.549	164	177937	25.115	ug/L	94

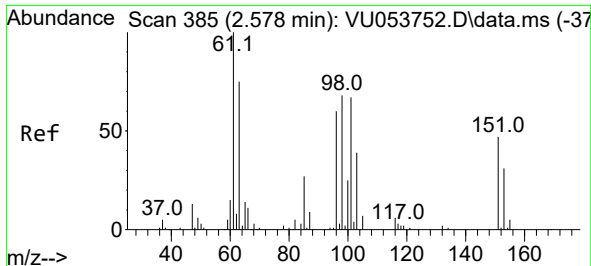
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
Data File : VU053771.D
Acq On : 18 Apr 2023 19:54
Operator : JC/MD
Sample : 02340-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE13

Quant Time: Apr 19 05:04:13 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

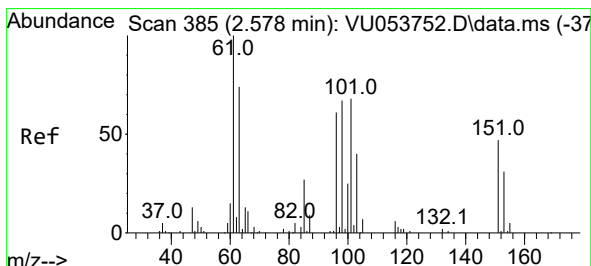
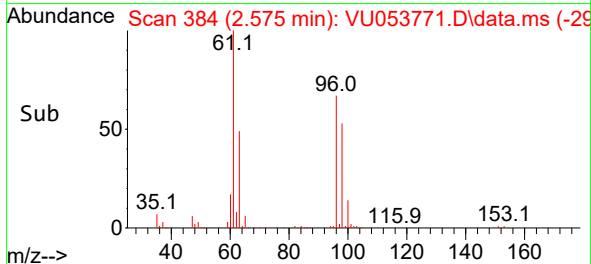
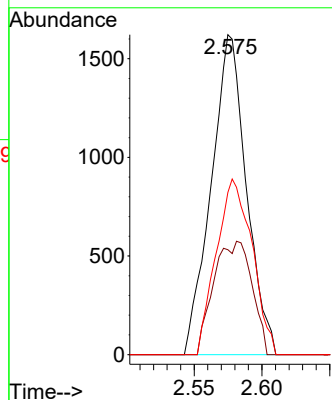
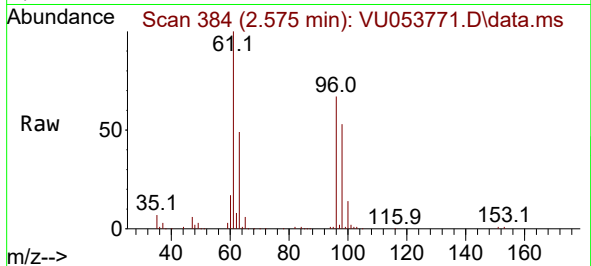




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.333 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU053771.D
 Acq: 18 Apr 2023 19:54

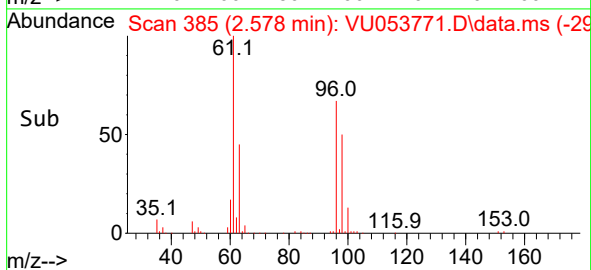
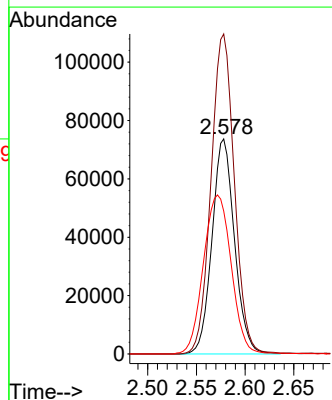
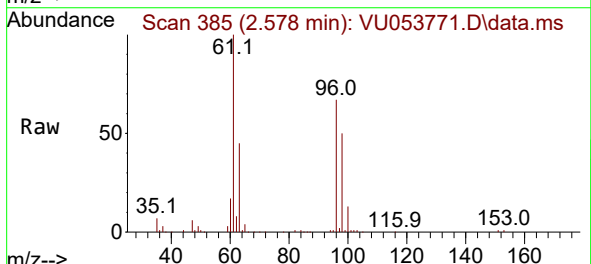
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE13

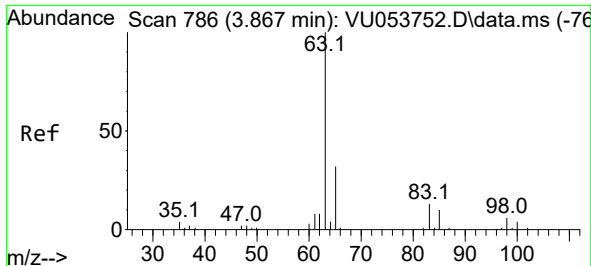
Tgt Ion:101 Resp: 2926
 Ion Ratio Lower Upper
 101 100
 85 38.6 37.0 55.4
 151 55.9 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 14.823 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053771.D
 Acq: 18 Apr 2023 19:54

Tgt Ion: 96 Resp: 118227
 Ion Ratio Lower Upper
 96 100
 61 148.8 116.8 216.8
 63 66.4 88.6 164.6#





#19

1,1-Dichloroethane

Concen: 15.912 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU053771.D

Acq: 18 Apr 2023 19:54

Instrument :

MSVOA_U

ClientSampleId :

BHE13

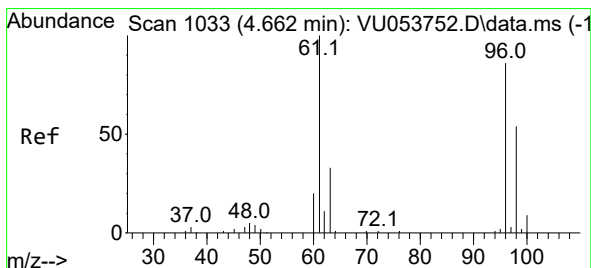
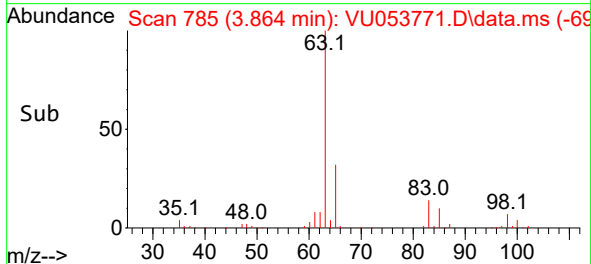
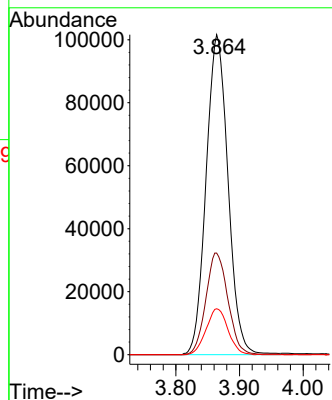
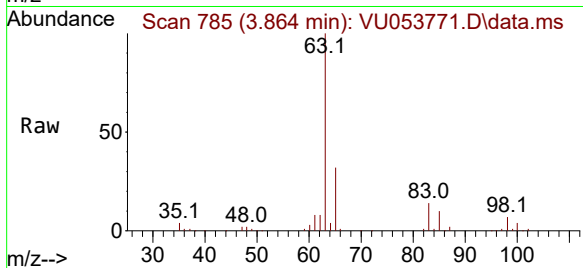
Tgt Ion: 63 Resp: 242838

Ion Ratio Lower Upper

63 100

65 31.7 21.7 40.3

83 14.4 8.1 15.1



#22

cis-1,2-Dichloroethene

Concen: 3.212 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU053771.D

Acq: 18 Apr 2023 19:54

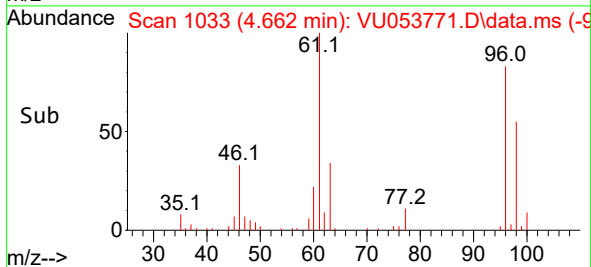
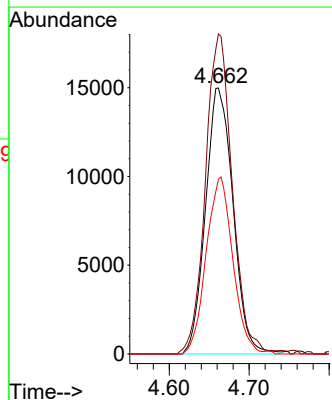
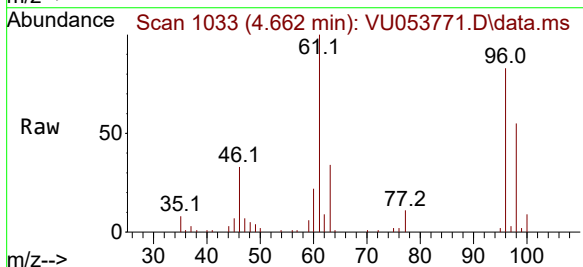
Tgt Ion: 96 Resp: 35850

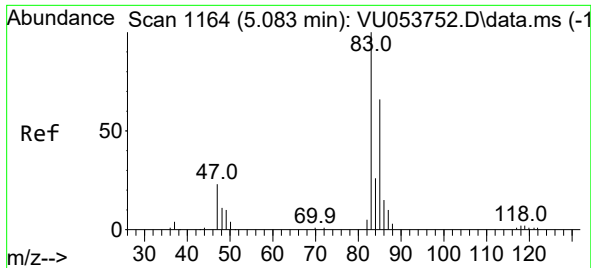
Ion Ratio Lower Upper

96 100

61 120.4 86.6 160.8

98 65.7 47.7 88.5

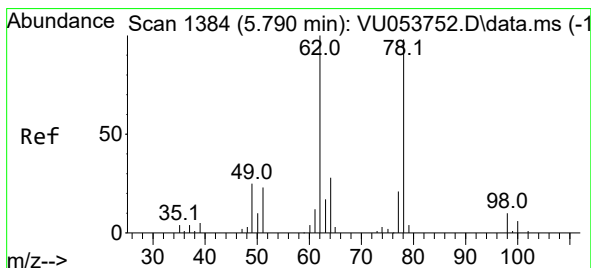
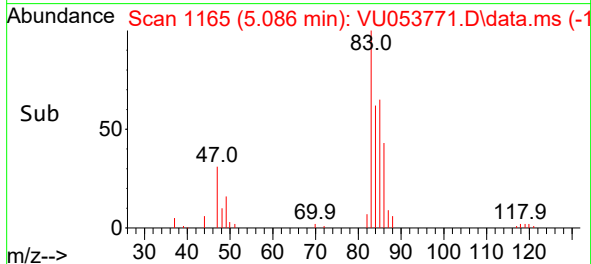
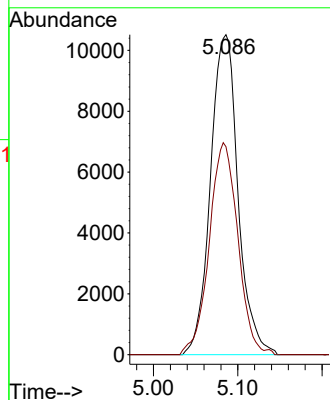
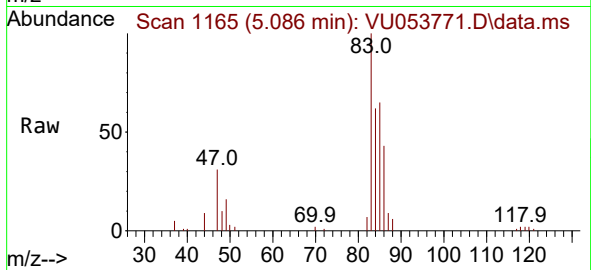




#25
Chloroform
Concen: 1.523 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU053771.D
Acq: 18 Apr 2023 19:54

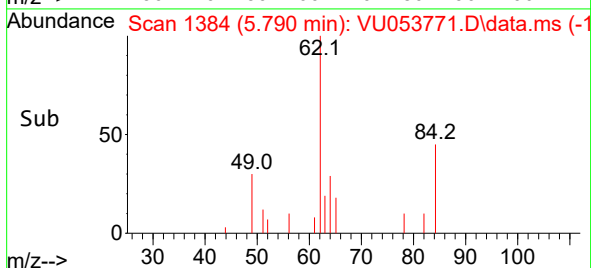
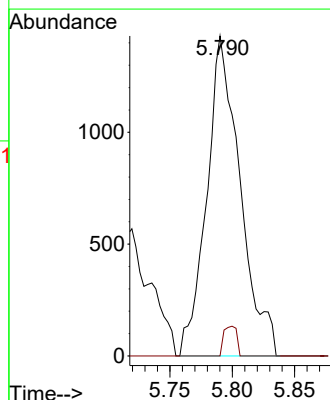
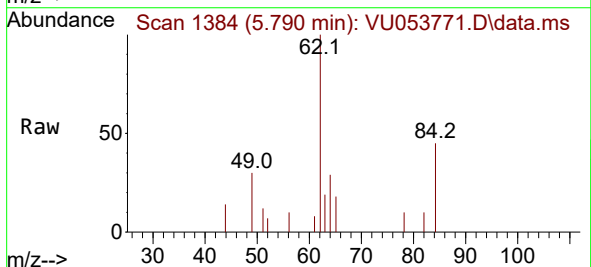
Instrument :
MSVOA_U
ClientSampleId :
BHE13

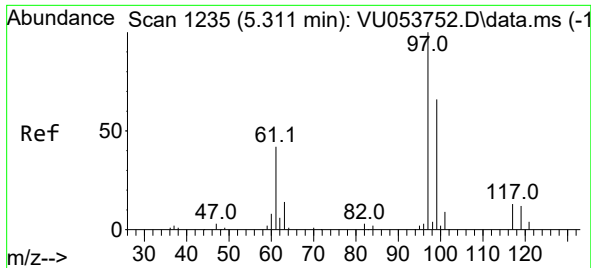
Tgt Ion: 83 Resp: 23909
Ion Ratio Lower Upper
83 100
85 65.0 47.3 87.9



#27
1,2-Dichloroethane
Concen: 0.271 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053771.D
Acq: 18 Apr 2023 19:54

Tgt Ion: 62 Resp: 2666
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#

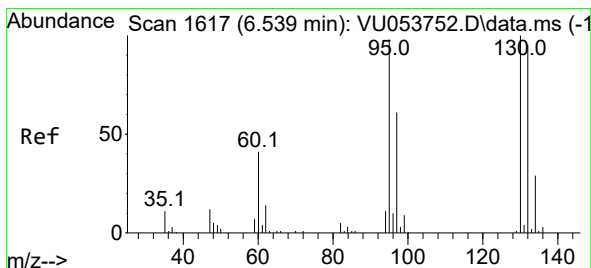
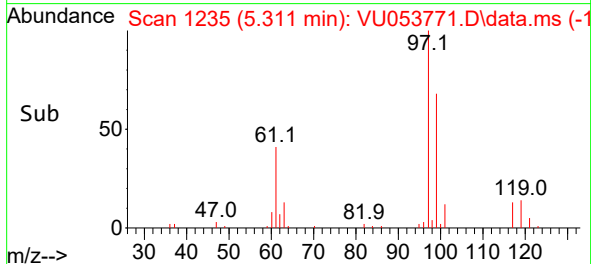
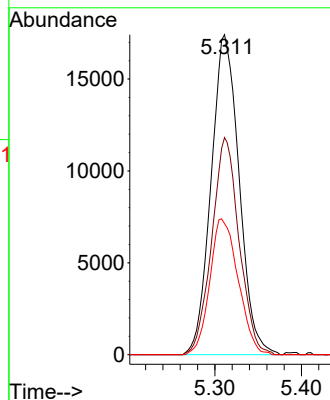
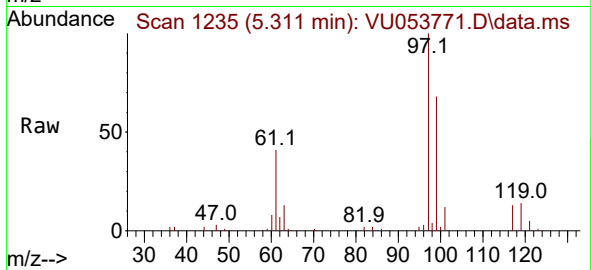




#29
1,1,1-Trichloroethane
Concen: 2.935 ug/L
RT: 5.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053771.D
Acq: 18 Apr 2023 19:54

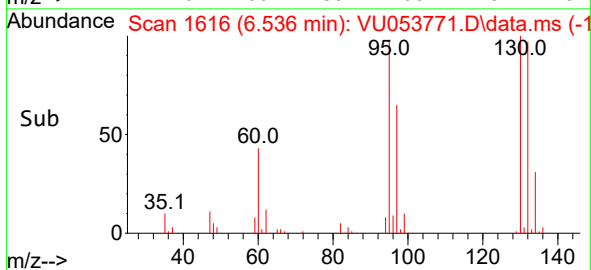
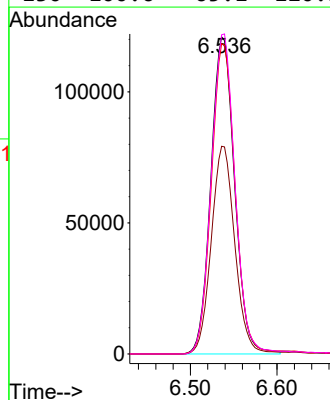
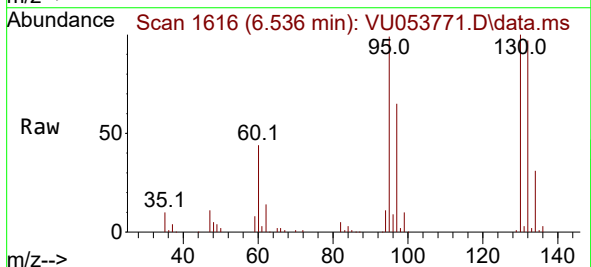
Instrument :
MSVOA_U
ClientSampleId :
BHE13

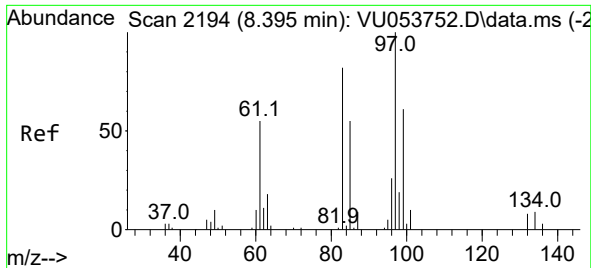
Tgt Ion:	97	Resp:	39155
Ion	Ratio	Lower	Upper
97	100		
99	66.2	49.9	74.9
61	43.0	35.7	53.5



#34
Trichloroethene
Concen: 23.886 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053771.D
Acq: 18 Apr 2023 19:54

Tgt Ion:	95	Resp:	230326
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.3	84.1
132	97.8	62.8	116.6
130	100.6	65.1	120.9

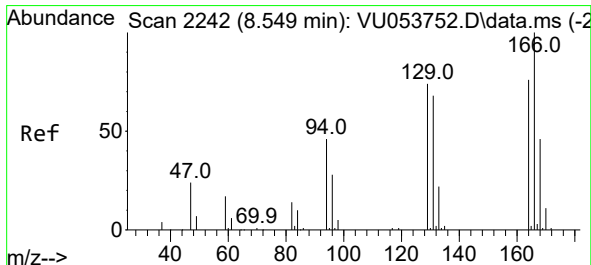
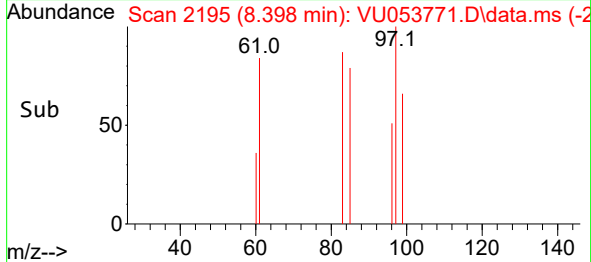
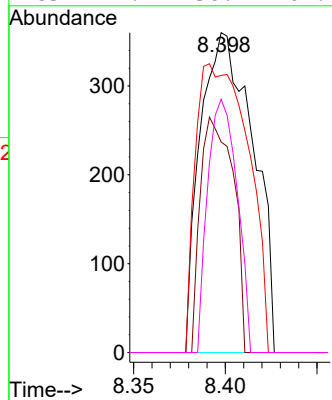
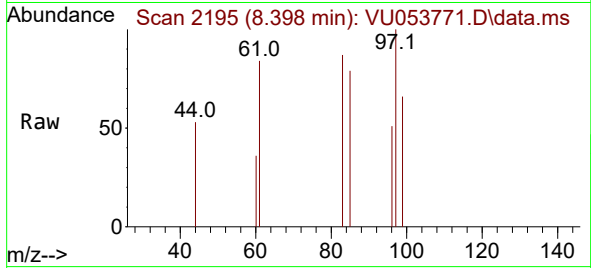




#45
1,1,2-Trichloroethane
Concen: 0.106 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU053771.D
Acq: 18 Apr 2023 19:54

Instrument :
MSVOA_U
ClientSampleId :
BHE13

Tgt Ion: 97	Resp: 720
Ion Ratio	Lower Upper
97 100	
99 65.8	38.9 72.2
83 86.7	57.6 107.0
85 79.2	36.2 67.2#



#47
Tetrachloroethene
Concen: 25.115 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053771.D
Acq: 18 Apr 2023 19:54

Tgt	Ion:164	Resp:	177937
Ion	Ratio	Lower	Upper
164	100		
129	95.5	74.8	138.8
131	94.7	70.1	130.1
166	128.7	87.3	162.1

