

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047581.D
 Acq On : 15 Mar 2022 16:42
 Operator : SY/MD
 Sample : N1858-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4

Quant Time: Mar 16 06:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 06:43:54 2022
 Response via : Initial Calibration

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

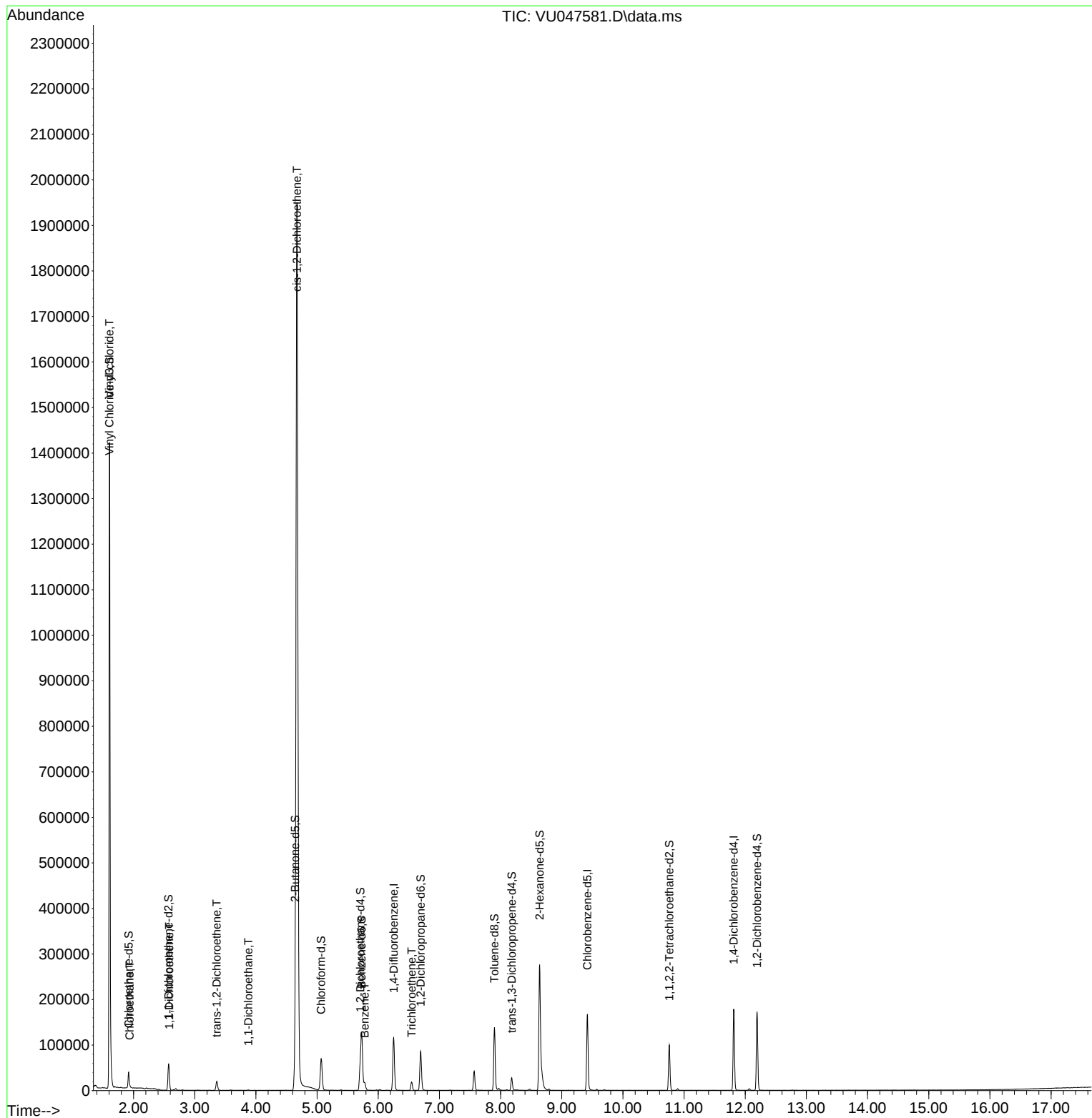
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	102011	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31584	4.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.919	69	26043	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.571	65	10622	3.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.642	46	108378	56.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.920%
24) Chloroform-d	5.067	84	64284	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.706	65	39410	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.729	84	119334	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.693	67	41405	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.899	98	95624	3.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.182	79	17028	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.639	63	116763	57.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49880	5.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	48820	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
5) Vinyl chloride	1.607	62	978056	154.078	ug/L	97
8) Chloroethane	1.938	64	1946	0.507	ug/L #	69
12) 1,1-Dichloroethene	2.584	96	1717	0.338	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	9122	1.670	ug/L	96
19) 1,1-Dichloroethane	3.877	63	1138	0.118	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	1056689	174.330	ug/L	98
33) Benzene	5.777	78	15297	0.669	ug/L	100
34) Trichloroethene	6.546	95	6428	1.060	ug/L	98

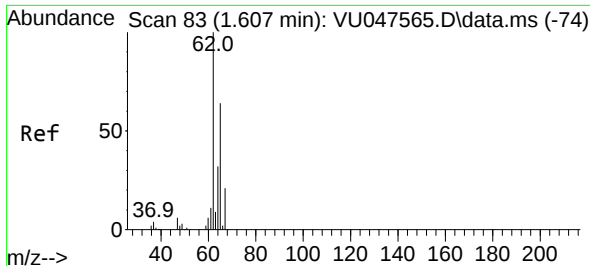
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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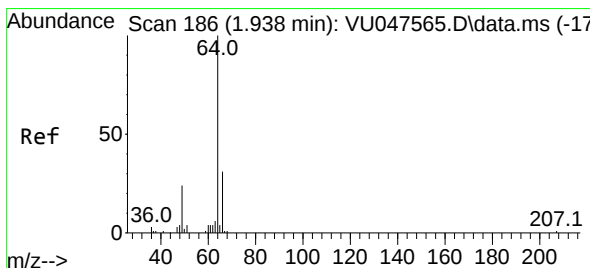
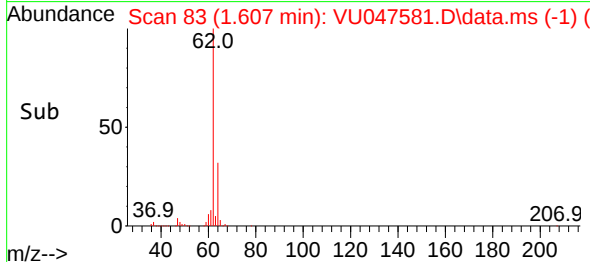
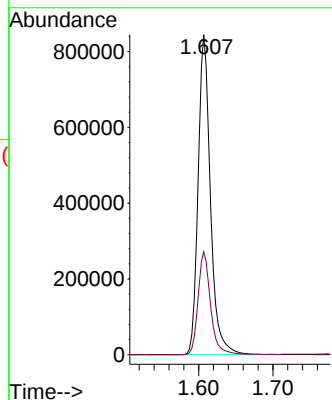
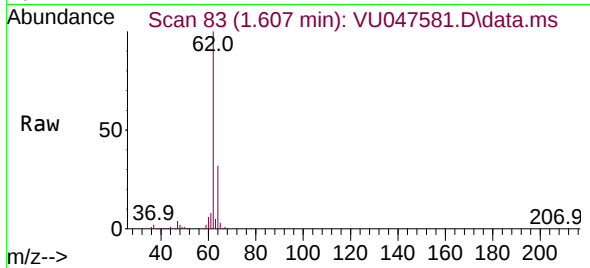




#5
 Vinyl chloride
 Concen: 154.078 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047581.D
 Acq: 15 Mar 2022 16:42

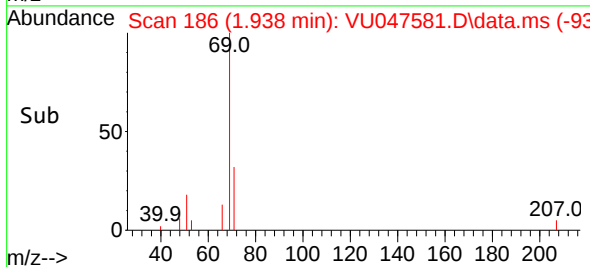
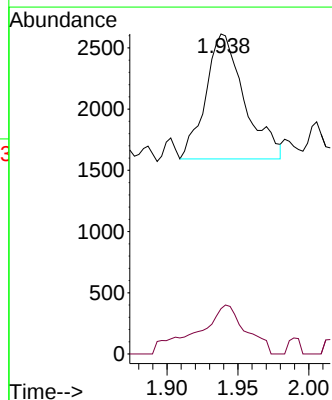
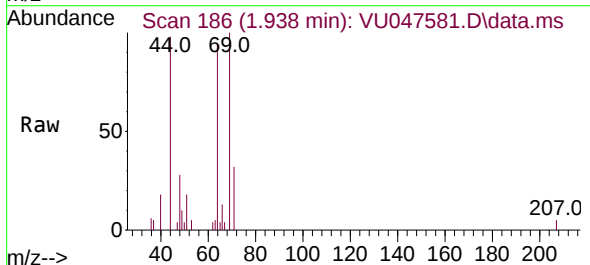
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH4

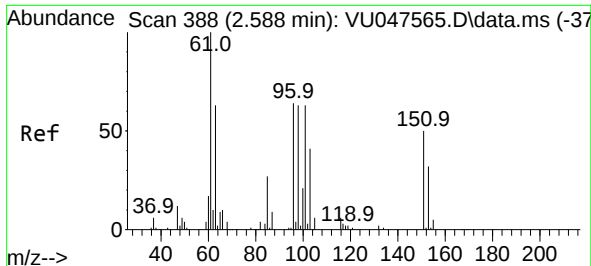
Tgt Ion: 62 Resp: 978056
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.5 43.7



#8
 Chloroethane
 Concen: 0.507 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.000 min
 Lab File: VU047581.D
 Acq: 15 Mar 2022 16:42

Tgt Ion: 64 Resp: 1946
 Ion Ratio Lower Upper
 64 100
 66 14.2 22.0 40.8#

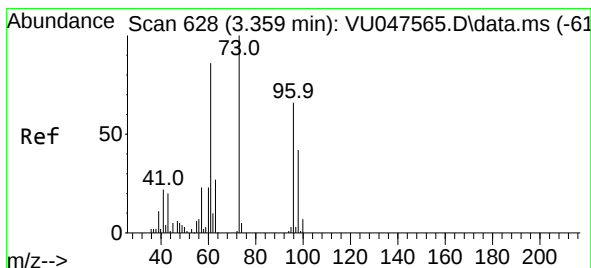
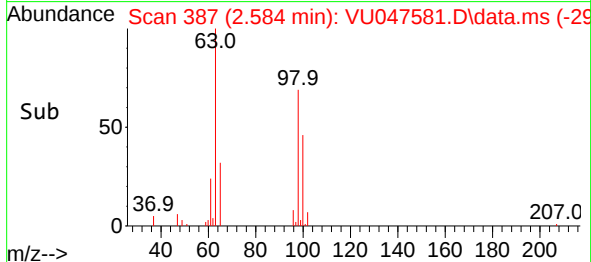
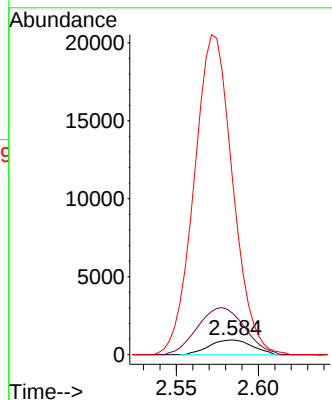
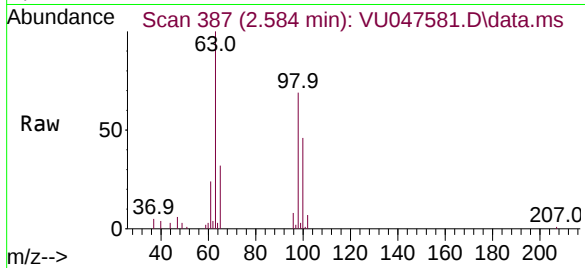




#12
1,1-Dichloroethene
Concen: 0.338 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

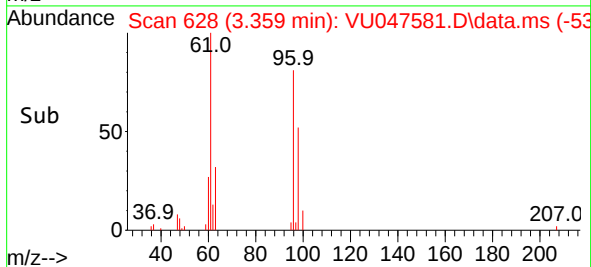
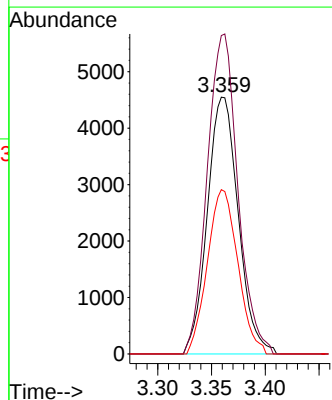
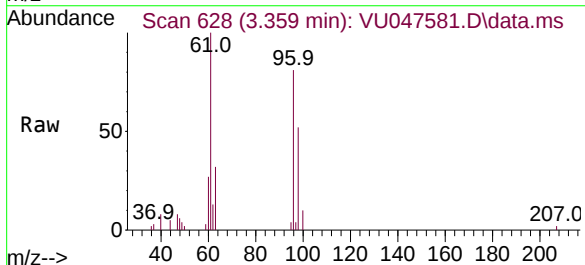
Instrument :
MSVOA_U
ClientSampleId :
ETNH4

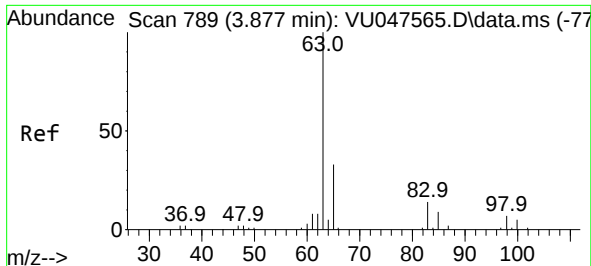
Tgt Ion: 96 Resp: 1717
Ion Ratio Lower Upper
96 100
61 282.4 111.4 207.0#
63 1181.8 106.6 198.0#



#18
trans-1,2-Dichloroethene
Concen: 1.670 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Tgt Ion: 96 Resp: 9122
Ion Ratio Lower Upper
96 100
61 124.0 91.7 170.3
98 64.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.118 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

ETNH4

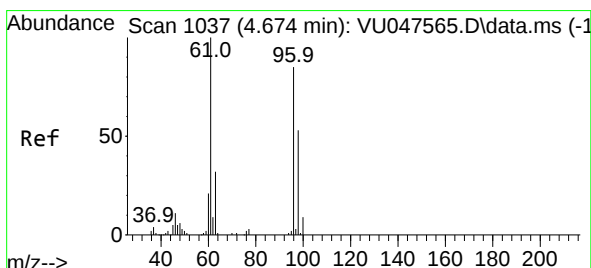
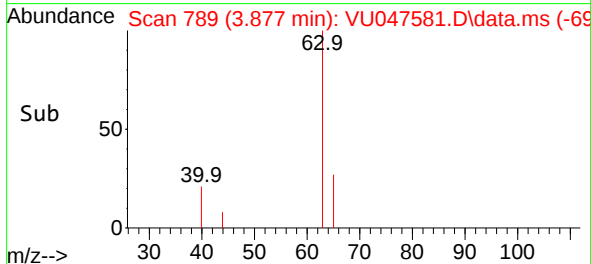
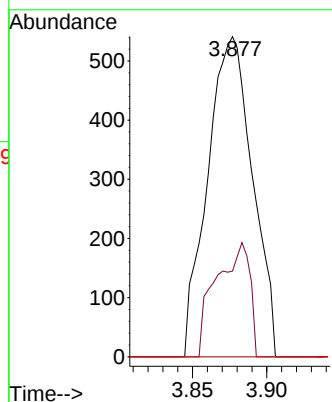
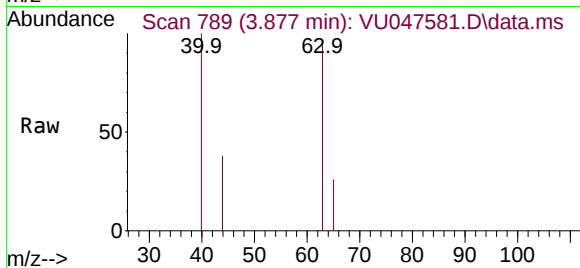
Tgt Ion: 63 Resp: 1138

Ion Ratio Lower Upper

63 100

65 26.8 21.8 40.6

83 0.0 10.8 20.0#



#22

cis-1,2-Dichloroethene

Concen: 174.330 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047581.D

Acq: 15 Mar 2022 16:42

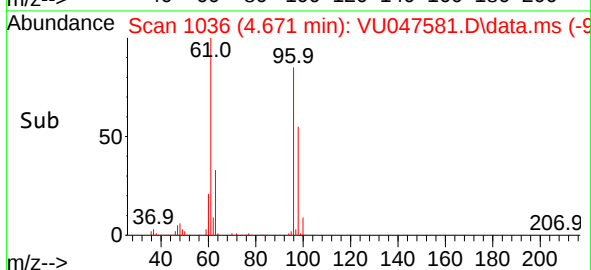
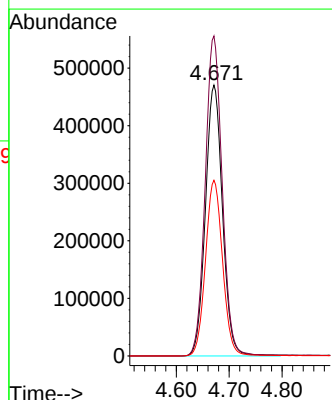
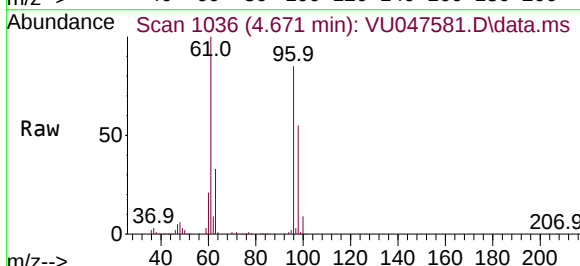
Tgt Ion: 96 Resp: 1056689

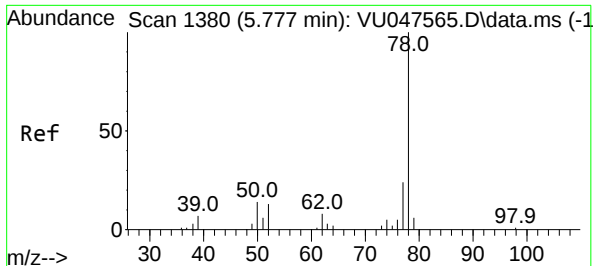
Ion Ratio Lower Upper

96 100

61 118.1 83.9 155.7

98 64.9 46.4 86.2

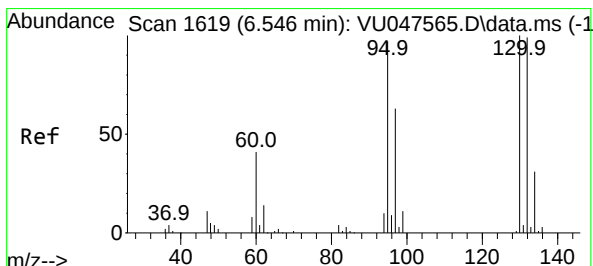
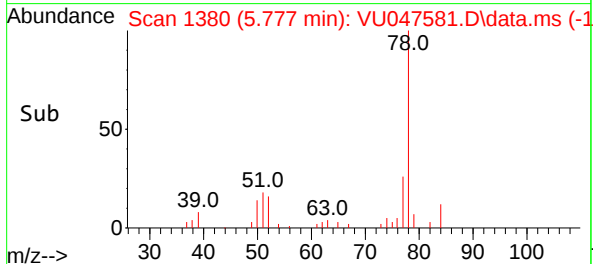
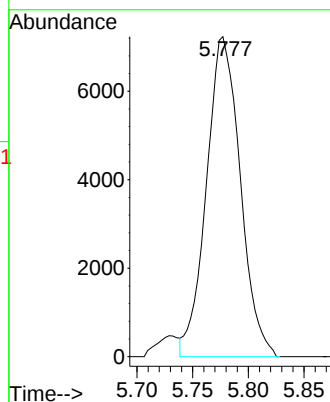
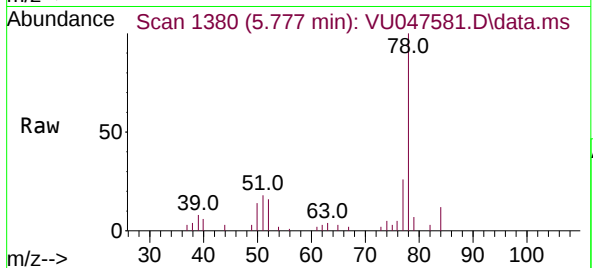




#33
Benzene
Concen: 0.669 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
ETNH4

Tgt Ion: 78 Resp: 15297



#34
Trichloroethene
Concen: 1.060 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047581.D
Acq: 15 Mar 2022 16:42

Tgt Ion: 95 Resp: 6428

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.3	85.9
132	102.3	70.7	131.3
130	107.0	73.6	136.8

