

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047515.D
 Acq On : 12 Mar 2022 00:40
 Operator : SY/MD
 Sample : N1906-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM1

Quant Time: Mar 14 01:43:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

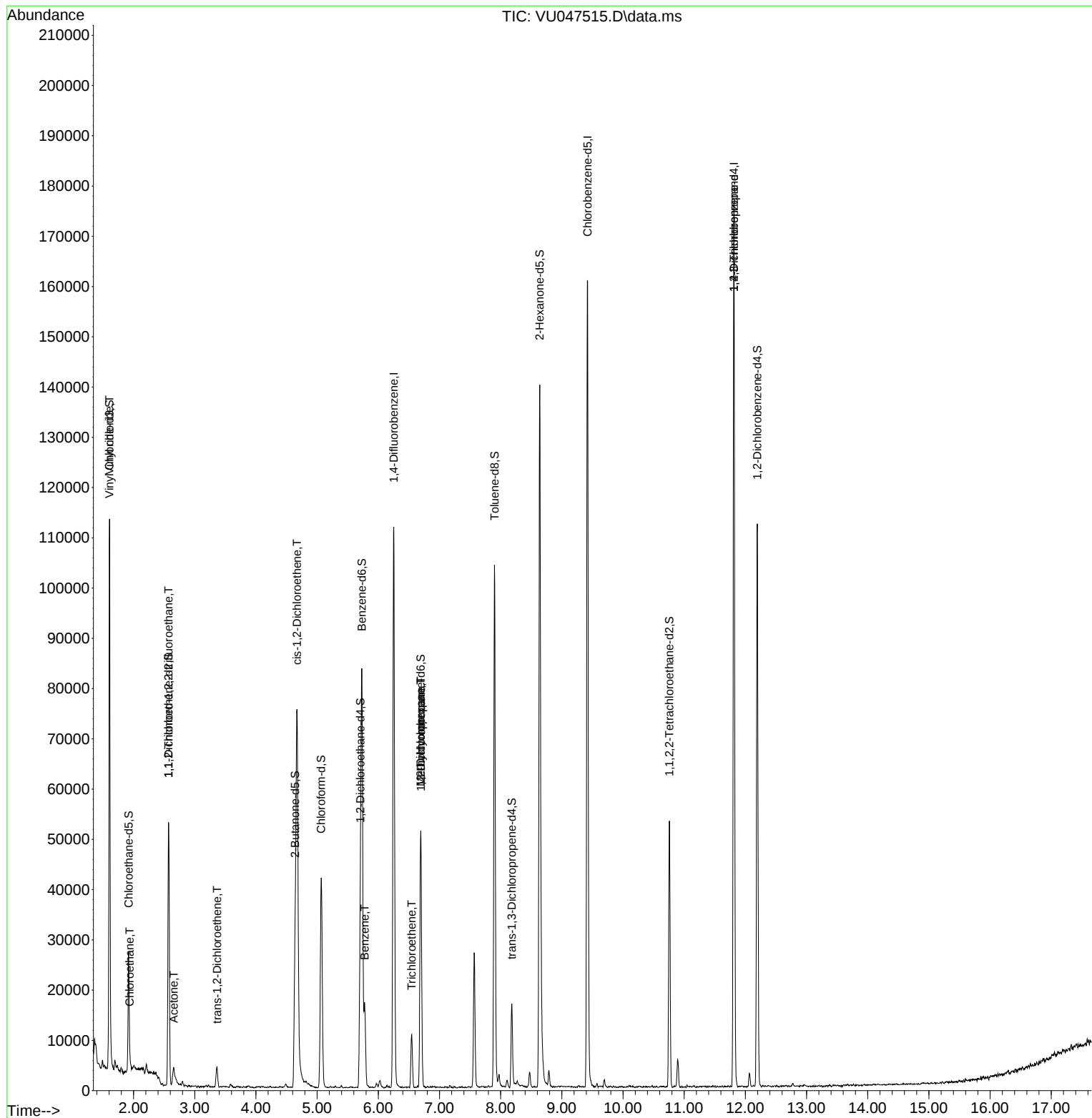
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22218	4.243	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.919	69	18235	4.743	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.572	65	9517	4.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	4.642	46	60630	65.030	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.060%#	
24) Chloroform-d	5.067	84	40938	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.707	65	22949	5.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
32) Benzene-d6	5.732	84	81919	4.548	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.694	67	25287	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.899	98	72412	4.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.182	79	9986	4.414	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.639	63	53066	53.251	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26014	5.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	31802	5.025	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	59147	8.330	ug/L	97
8) Chloroethane	1.938	64	687	0.159	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	266	0.046	ug/L #	17
13) Acetone	2.655	43	6468	7.551	ug/L	86
18) trans-1,2-Dichloroethene	3.366	96	1862	0.307	ug/L	90
22) cis-1,2-Dichloroethene	4.671	96	34783	5.172	ug/L	96
33) Benzene	5.777	78	16351	0.632	ug/L	100
34) Trichloroethene	6.546	95	3706	0.536	ug/L	98
35) Methylcyclohexane	6.694	83	5907	0.542	ug/L #	21
37) 1,2-Dichloropropane	6.697	63	2741	0.426	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	5252	1.136	ug/L #	64

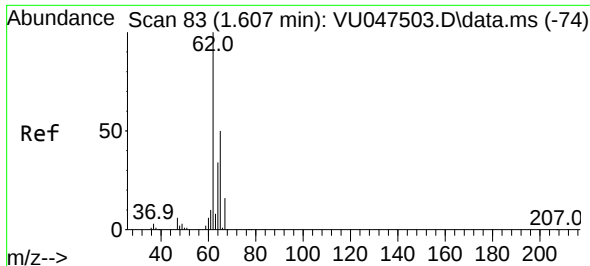
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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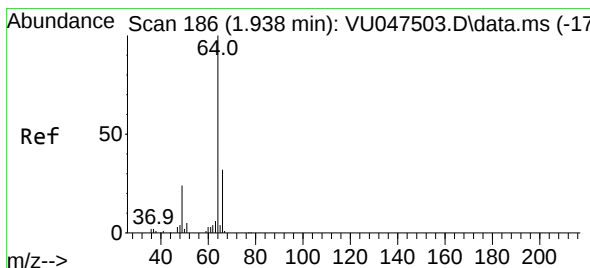
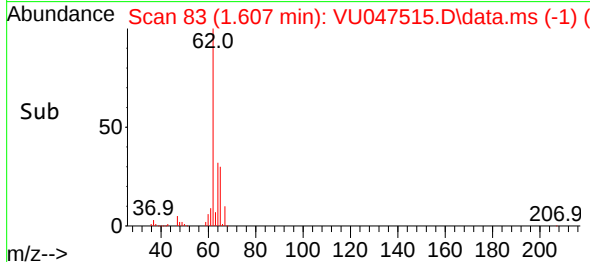
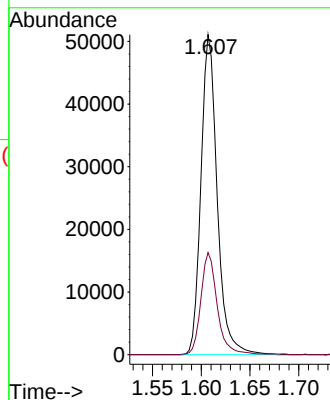
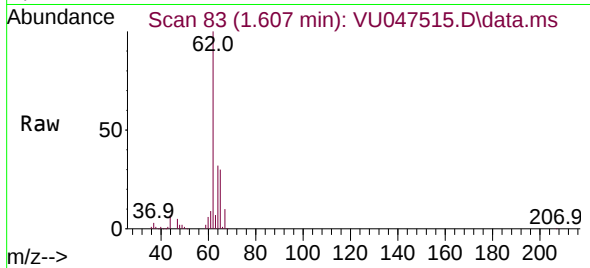




#5
 Vinyl chloride
 Concen: 8.330 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047515.D
 Acq: 12 Mar 2022 00:40

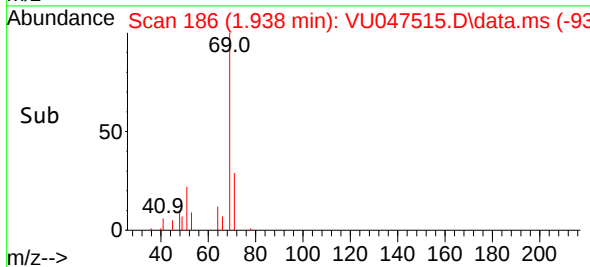
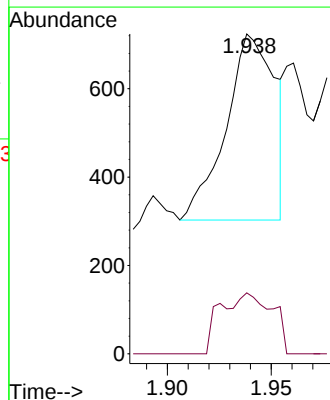
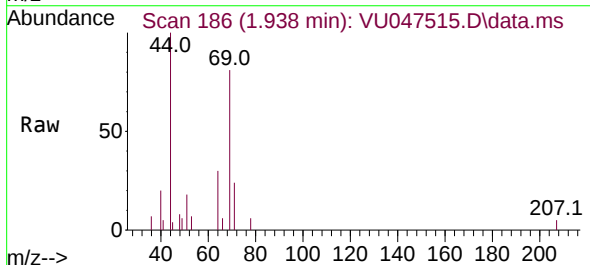
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM1

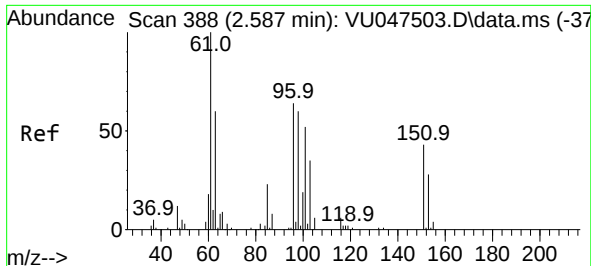
Tgt Ion: 62 Resp: 59147
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.7 43.9



#8
 Chloroethane
 Concen: 0.159 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.000 min
 Lab File: VU047515.D
 Acq: 12 Mar 2022 00:40

Tgt Ion: 64 Resp: 687
 Ion Ratio Lower Upper
 64 100
 66 19.1 22.9 42.5#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.046 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047515.D

Acq: 12 Mar 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

ETNM1

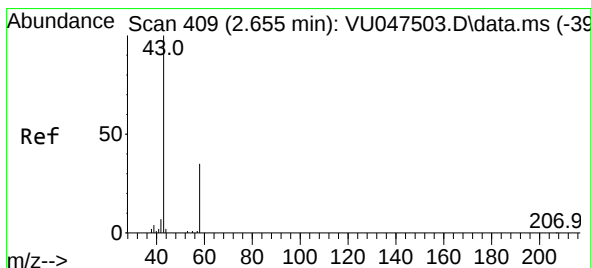
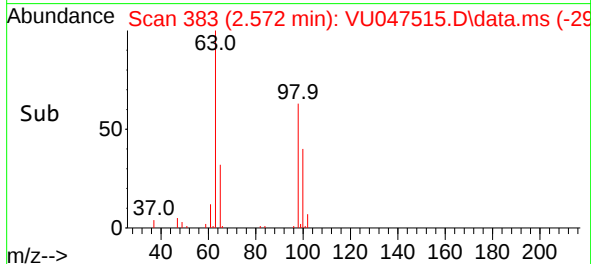
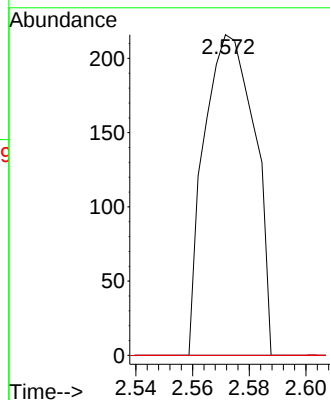
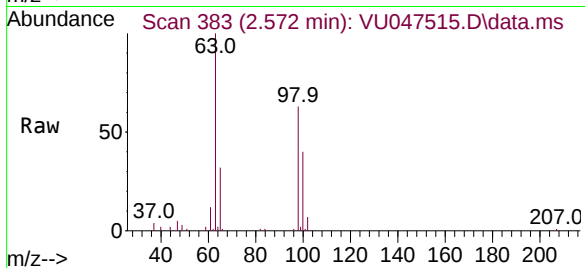
Tgt Ion:101 Resp: 266

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#13

Acetone

Concen: 7.551 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU047515.D

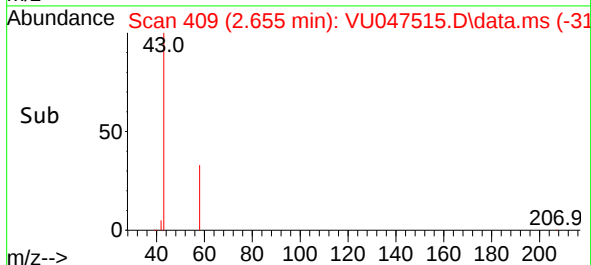
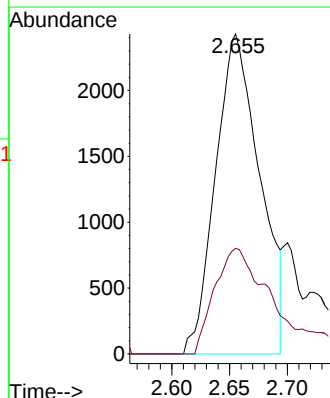
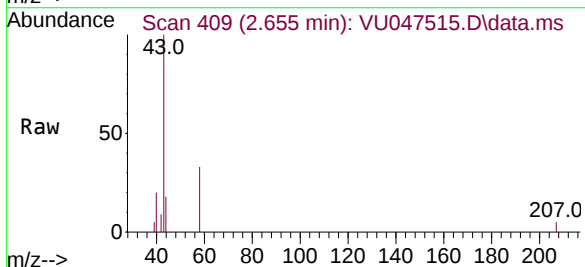
Acq: 12 Mar 2022 00:40

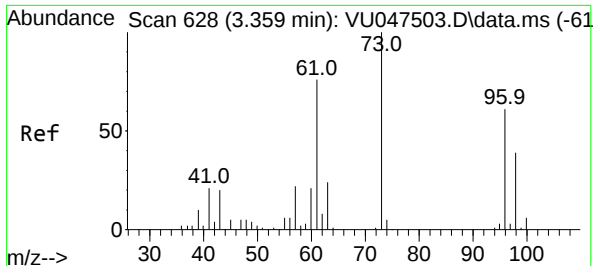
Tgt Ion: 43 Resp: 6468

Ion Ratio Lower Upper

43 100

58 44.4 0.0 72.6

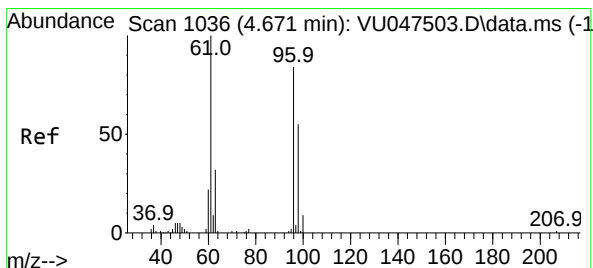
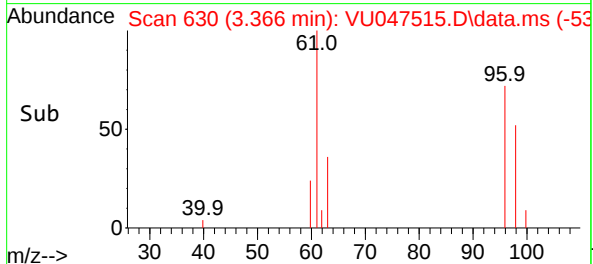
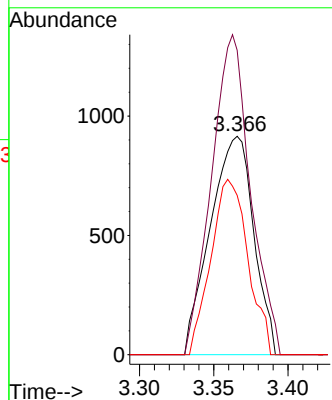
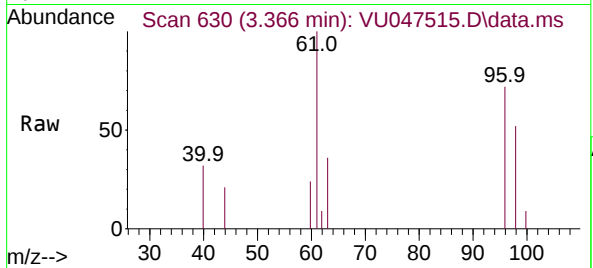




#18
trans-1,2-Dichloroethene
Concen: 0.307 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU047515.D
Acq: 12 Mar 2022 00:40

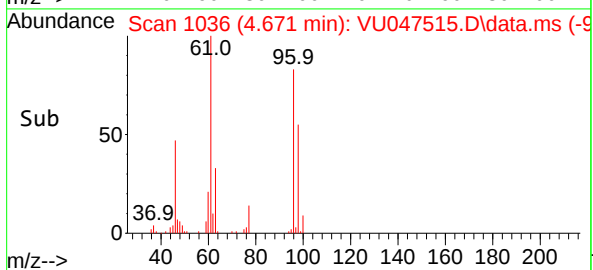
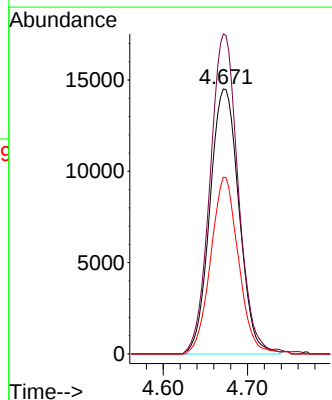
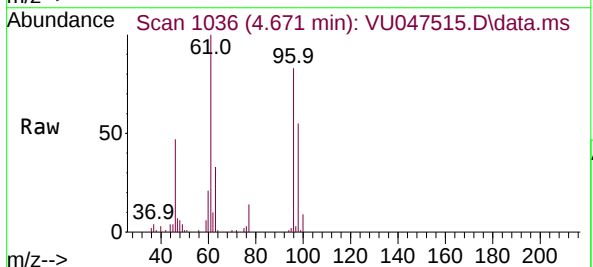
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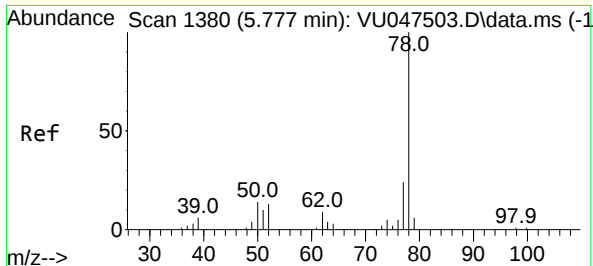
Tgt Ion: 96 Resp: 1862
Ion Ratio Lower Upper
96 100
61 139.5 90.4 167.8
98 73.0 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 5.172 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047515.D
Acq: 12 Mar 2022 00:40

Tgt Ion: 96 Resp: 34783
Ion Ratio Lower Upper
96 100
61 120.8 80.8 150.0
98 66.7 44.7 83.1





#33

Benzene

Concen: 0.632 ug/L

RT: 5.777 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047515.D

Acq: 12 Mar 2022 00:40

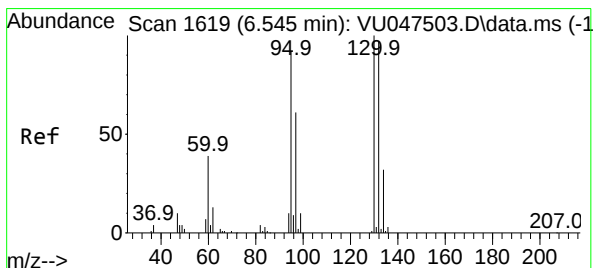
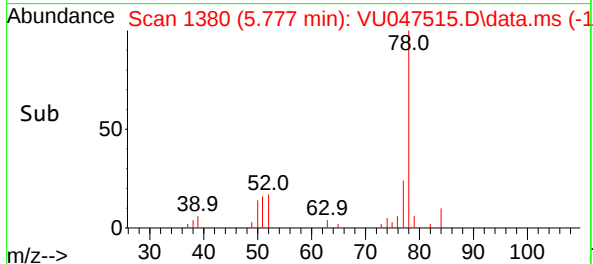
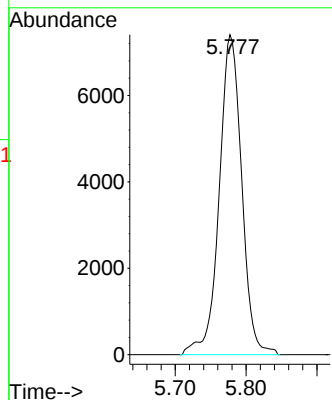
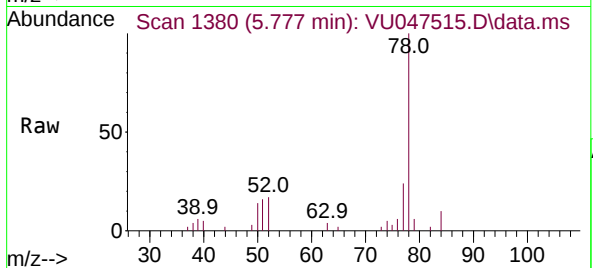
Instrument :

MSVOA_U

ClientSampleId :

ETNM1

Tgt Ion: 78 Resp: 16351



#34

Trichloroethene

Concen: 0.536 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047515.D

Acq: 12 Mar 2022 00:40

Tgt Ion: 95 Resp: 3706

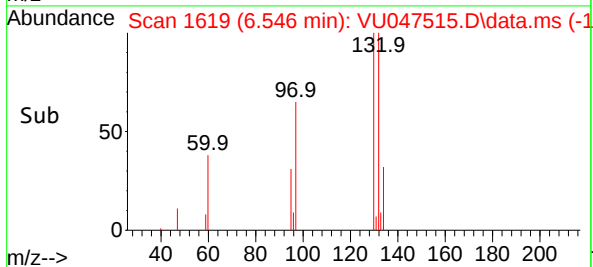
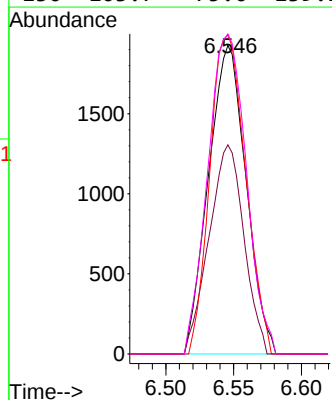
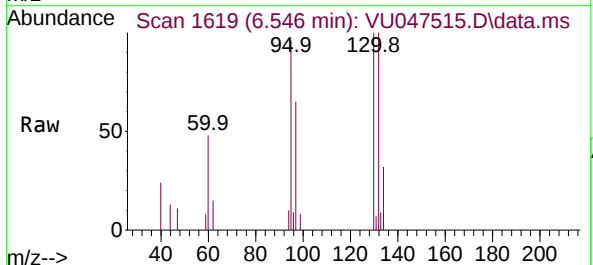
Ion Ratio Lower Upper

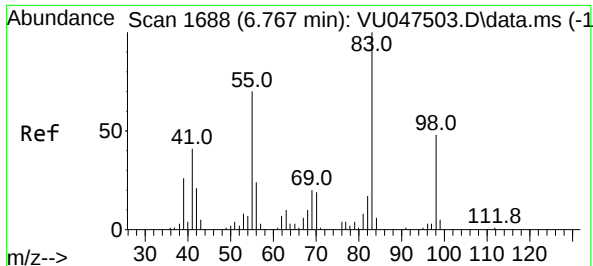
95 100

97 67.8 46.3 85.9

132 103.4 71.7 133.1

130 103.7 75.0 139.2

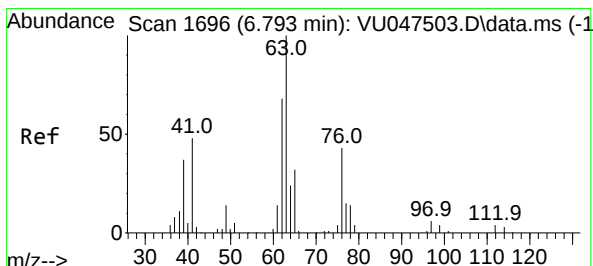
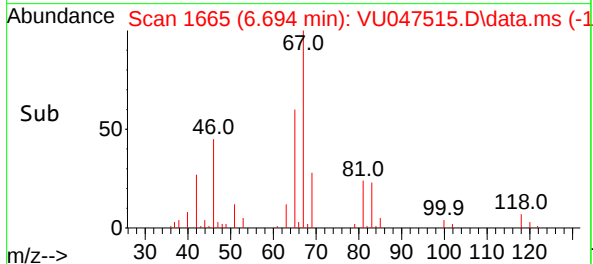
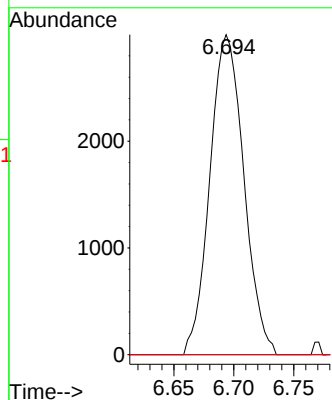
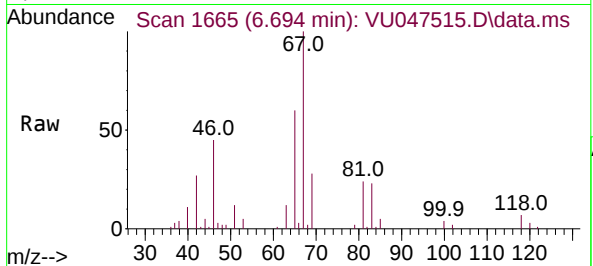




#35
Methylcyclohexane
Concen: 0.542 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047515.D
Acq: 12 Mar 2022 00:40

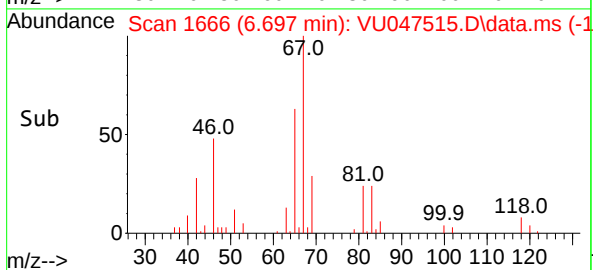
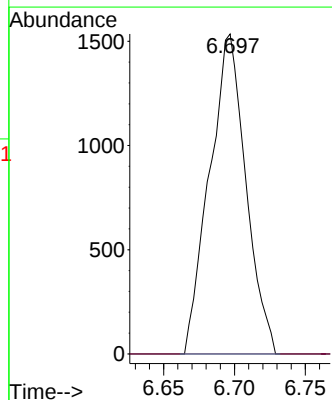
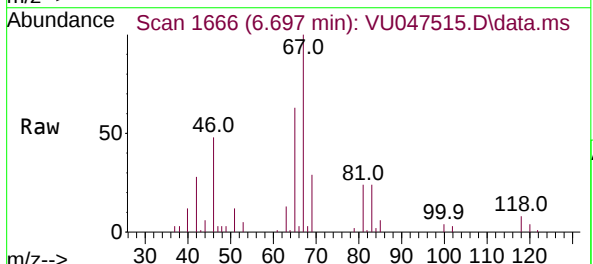
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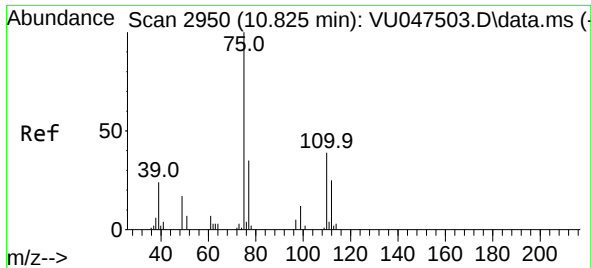
Tgt Ion: 83 Resp: 5907
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 2.7 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU047515.D
Acq: 12 Mar 2022 00:40

Tgt Ion: 63 Resp: 2741
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.136 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047515.D

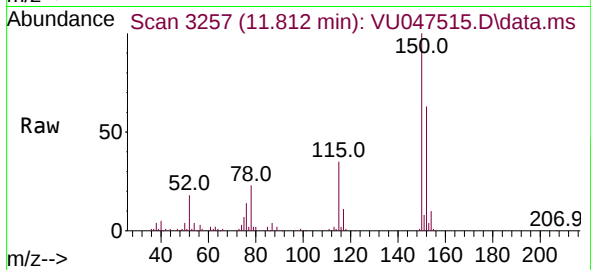
Acq: 12 Mar 2022 00:40

Instrument :

MSVOA_U

ClientSampleId :

ETNM1



Tgt Ion: 75 Resp: 5252

Ion Ratio Lower Upper

75 100

110 0.0 31.0 46.4#

77 34.9 26.2 39.4

