

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047543.D
 Acq On : 14 Mar 2022 18:31
 Operator : SY/MD
 Sample : N1857-22RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM2

Quant Time: Mar 15 06:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

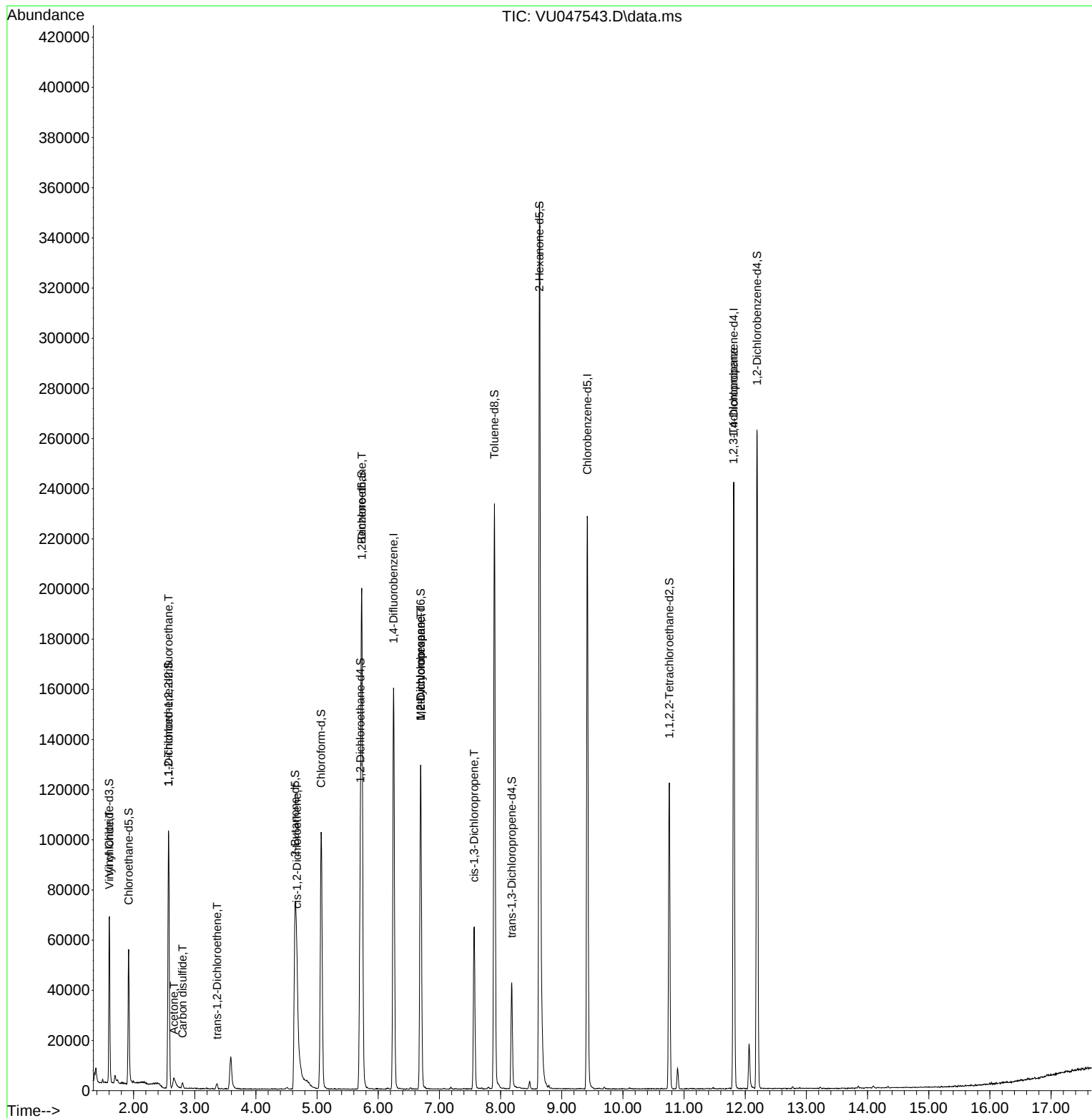
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	136534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	135552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42076	4.712	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.919	69	39980	4.933	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.571	65	18669	4.458	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	4.642	46	161345	62.799	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.600%	
24) Chloroform-d	5.067	84	96626	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.706	65	54906	5.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.729	84	189376	4.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.693	67	62813	5.062	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.899	98	161960	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.182	79	24717	4.738	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.636	63	141012	52.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.280%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	60473	4.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	74389	5.258	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	8210	0.966	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	508	0.072	ug/L #	18
13) Acetone	2.661	43	9783	9.766	ug/L	91
14) Carbon disulfide	2.800	76	2773	0.136	ug/L	96
18) trans-1,2-Dichloroethene	3.366	96	1075	0.147	ug/L	82
22) cis-1,2-Dichloroethene	4.671	96	8525	1.051	ug/L	97
27) 1,2-Dichloroethane	5.732	62	873	0.097	ug/L #	74
35) Methylcyclohexane	6.693	83	14151	1.212	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6441	0.821	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1531	0.126	ug/L #	47
61) 1,2,3-Trichloropropane	11.809	75	7001	1.233	ug/L #	66

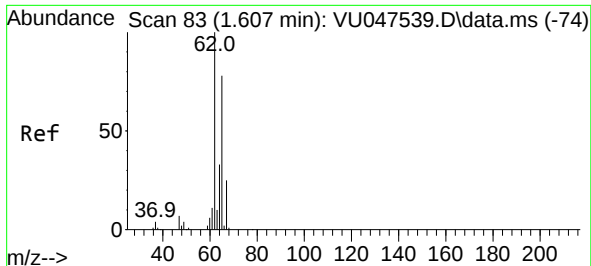
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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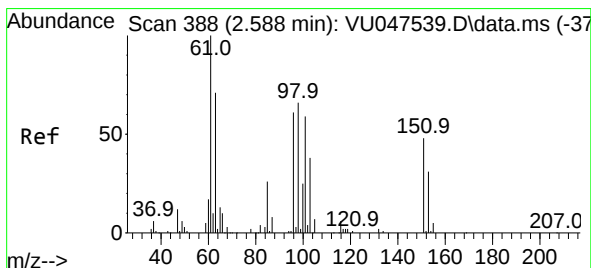
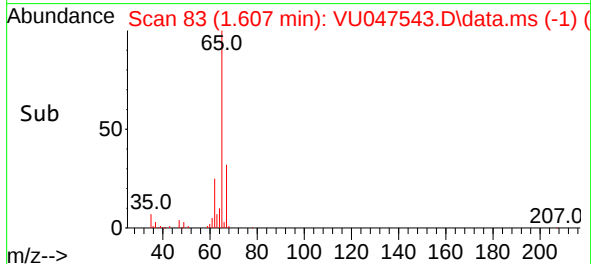
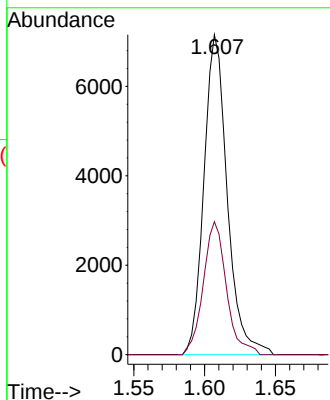
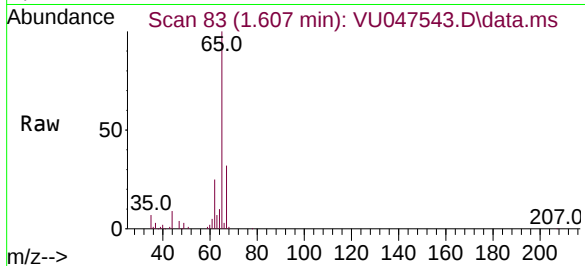




#5
 Vinyl chloride
 Concen: 0.966 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047543.D
 Acq: 14 Mar 2022 18:31

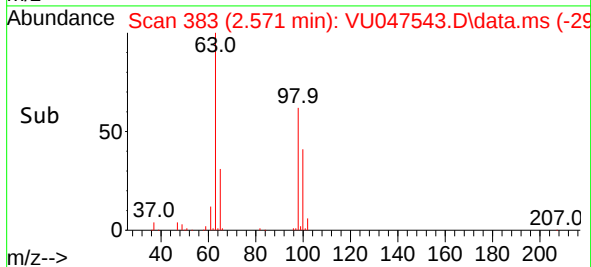
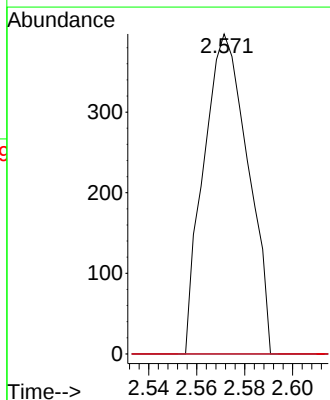
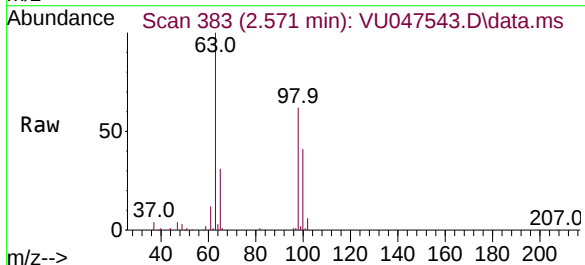
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM2

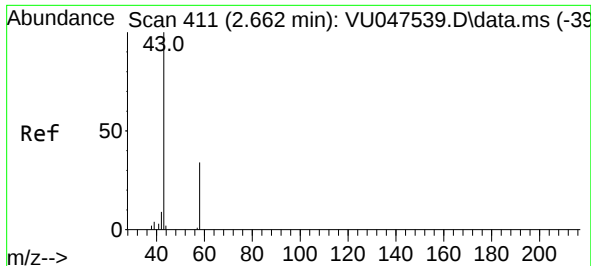
Tgt Ion: 62 Resp: 8210
 Ion Ratio Lower Upper
 62 100
 64 41.5 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.072 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047543.D
 Acq: 14 Mar 2022 18:31

Tgt Ion: 101 Resp: 508
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#





#13

Acetone

Concen: 9.766 ug/L

RT: 2.661 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU047543.D

Acq: 14 Mar 2022 18:31

Instrument :

MSVOA_U

ClientSampleId :

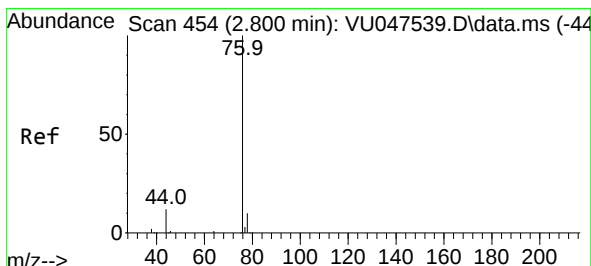
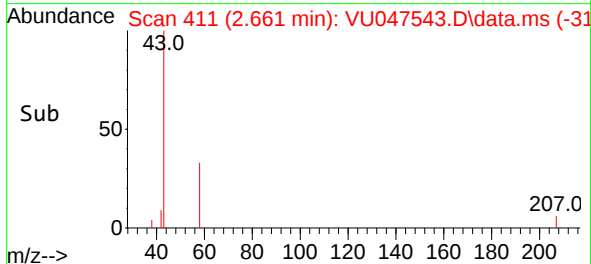
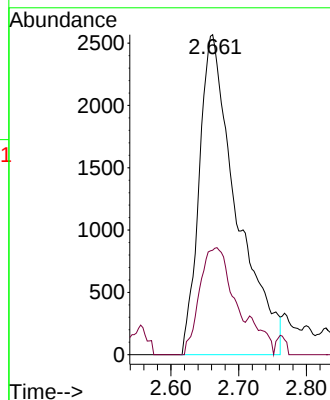
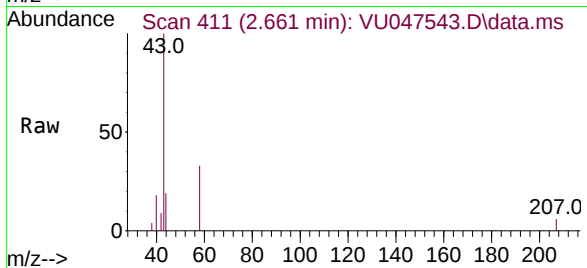
ETNM2

Tgt Ion: 43 Resp: 9783

Ion Ratio Lower Upper

43 100

58 29.4 0.0 69.4



#14

Carbon disulfide

Concen: 0.136 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047543.D

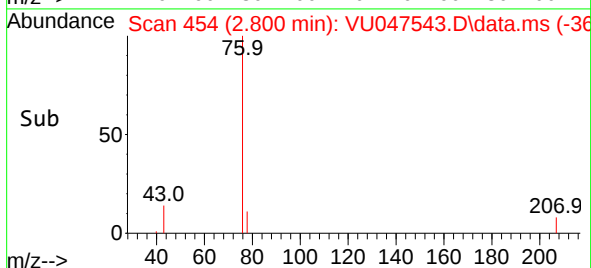
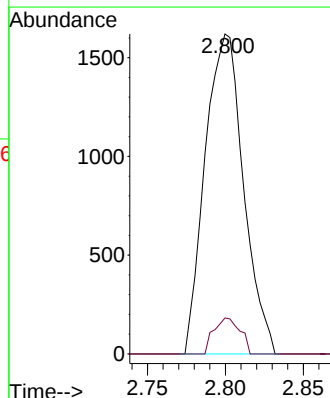
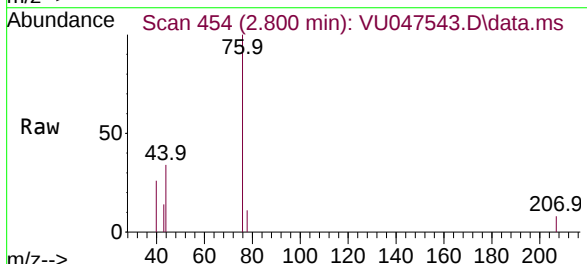
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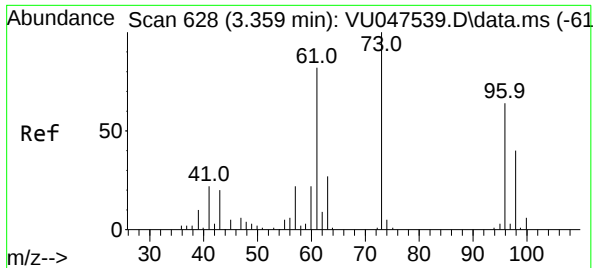
Tgt Ion: 76 Resp: 2773

Ion Ratio Lower Upper

76 100

78 11.2 7.7 11.5

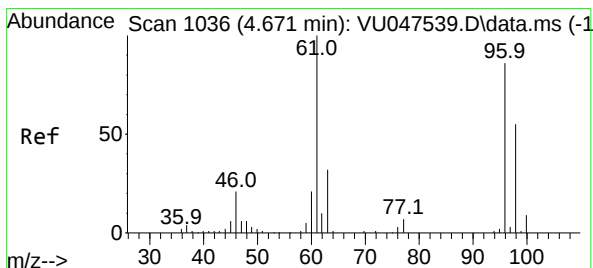
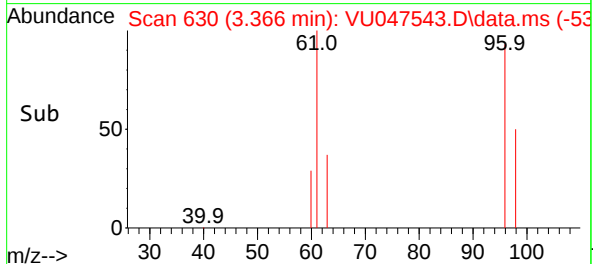
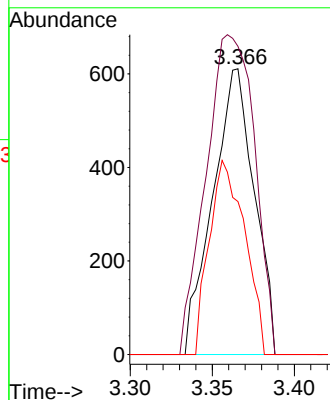
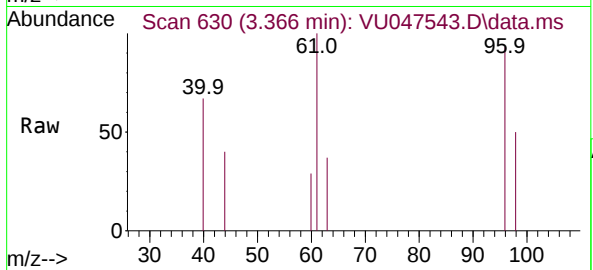




#18
trans-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU047543.D
Acq: 14 Mar 2022 18:31

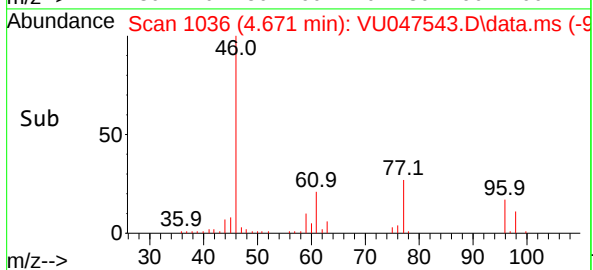
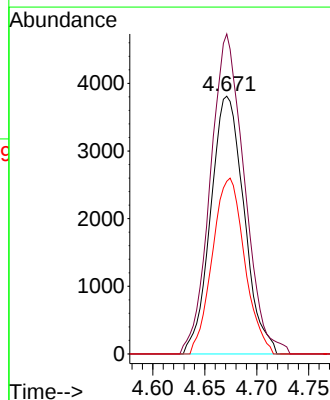
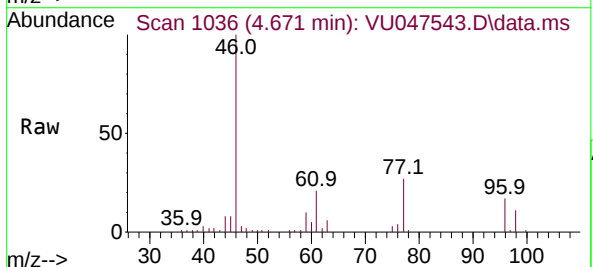
Instrument :
MSVOA_U
ClientSampleId :
ETNM2

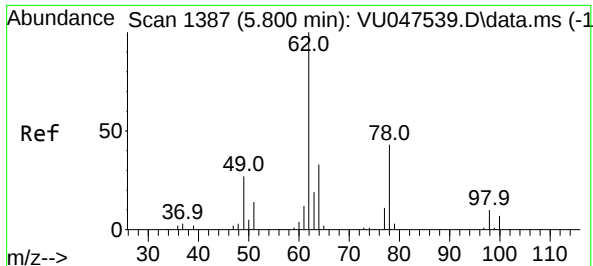
Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 107.9 91.7 170.3
98 53.5 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047543.D
Acq: 14 Mar 2022 18:31

Tgt Ion: 96 Resp: 8525
Ion Ratio Lower Upper
96 100
61 124.1 83.9 155.7
98 67.0 46.4 86.2

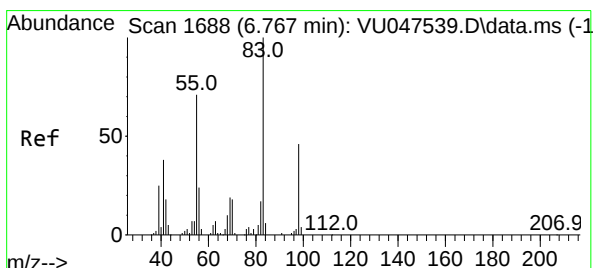
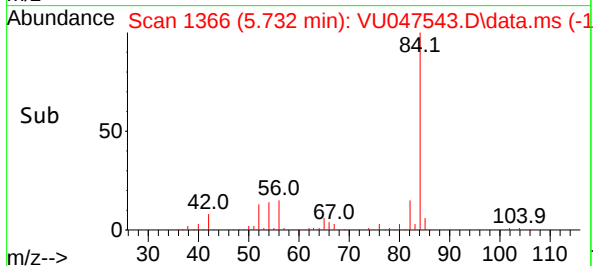
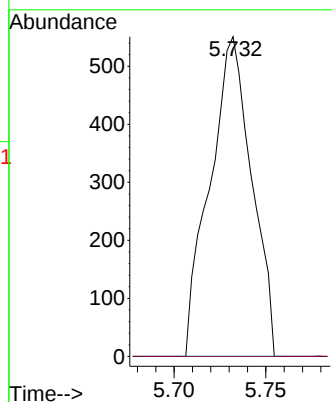
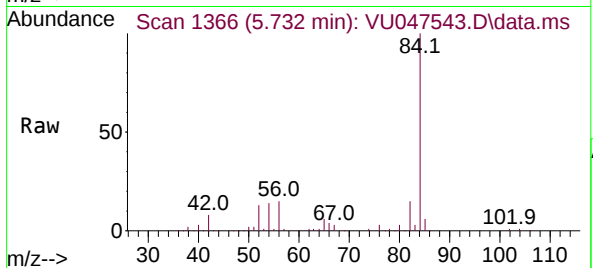




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU047543.D
Acq: 14 Mar 2022 18:31

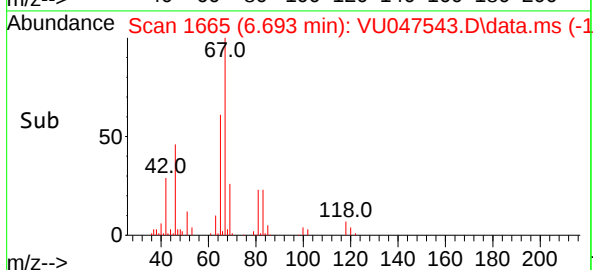
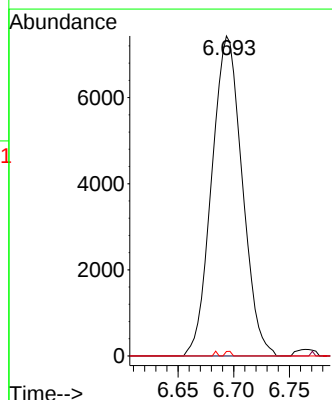
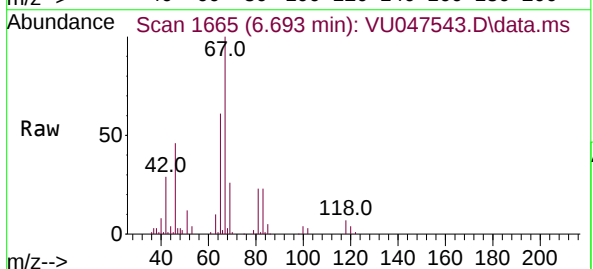
Instrument :
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ClientSampleId :
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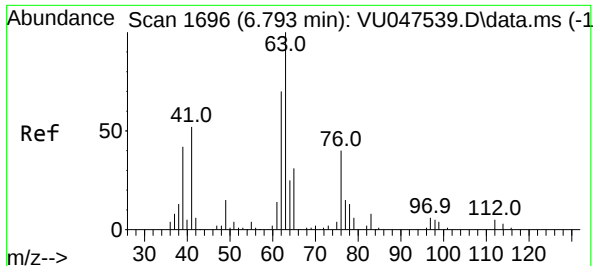
Tgt Ion: 62 Resp: 873
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#35
Methylcyclohexane
Concen: 1.212 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047543.D
Acq: 14 Mar 2022 18:31

Tgt Ion: 83 Resp: 14151
Ion Ratio Lower Upper
83 100
55 0.1 57.3 85.9#
98 0.3 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.821 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047543.D

Acq: 14 Mar 2022 18:31

Instrument :

MSVOA_U

ClientSampleId :

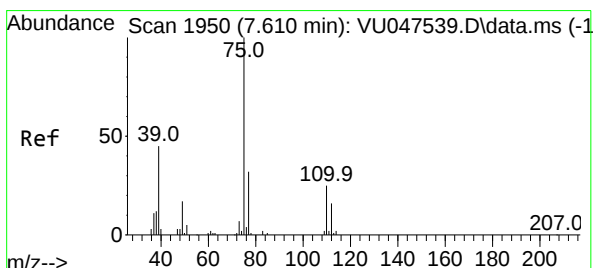
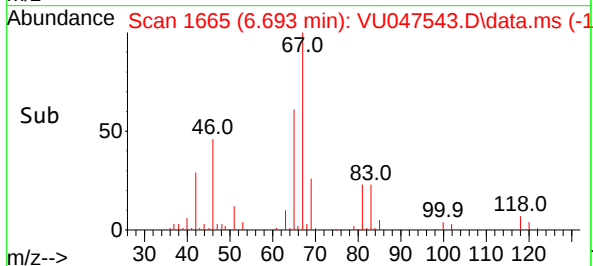
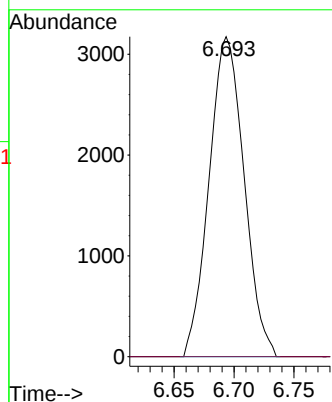
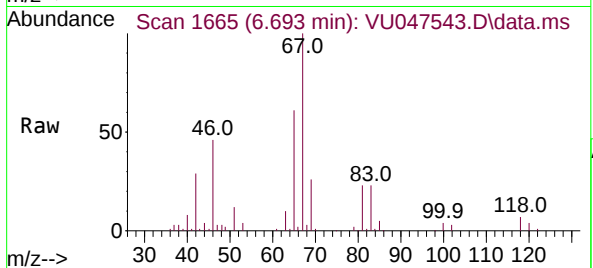
ETNM2

Tgt Ion: 63 Resp: 6441

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047543.D

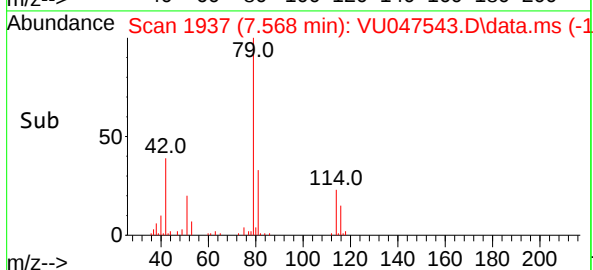
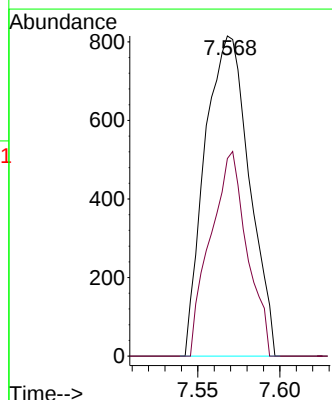
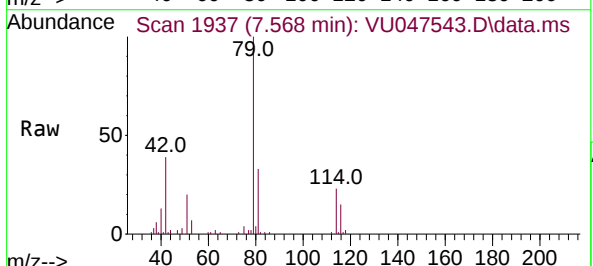
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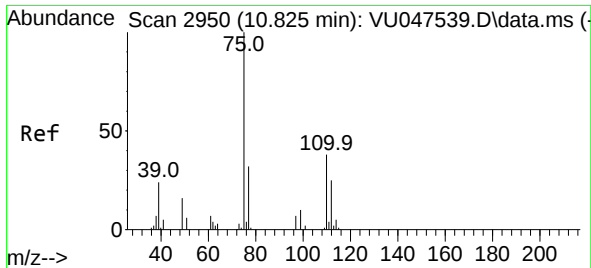
Tgt Ion: 75 Resp: 1531

Ion Ratio Lower Upper

75 100

77 61.7 22.6 42.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.233 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU047543.D
 Acq: 14 Mar 2022 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM2

Tgt Ion: 75 Resp: 7001
 Ion Ratio Lower Upper
 75 100
 110 1.6 30.2 45.4#
 77 31.0 26.6 39.8

