

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047525.D
 Acq On : 12 Mar 2022 04:36
 Operator : SY/MD
 Sample : N1858-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9

Quant Time: Mar 14 01:45:22 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)

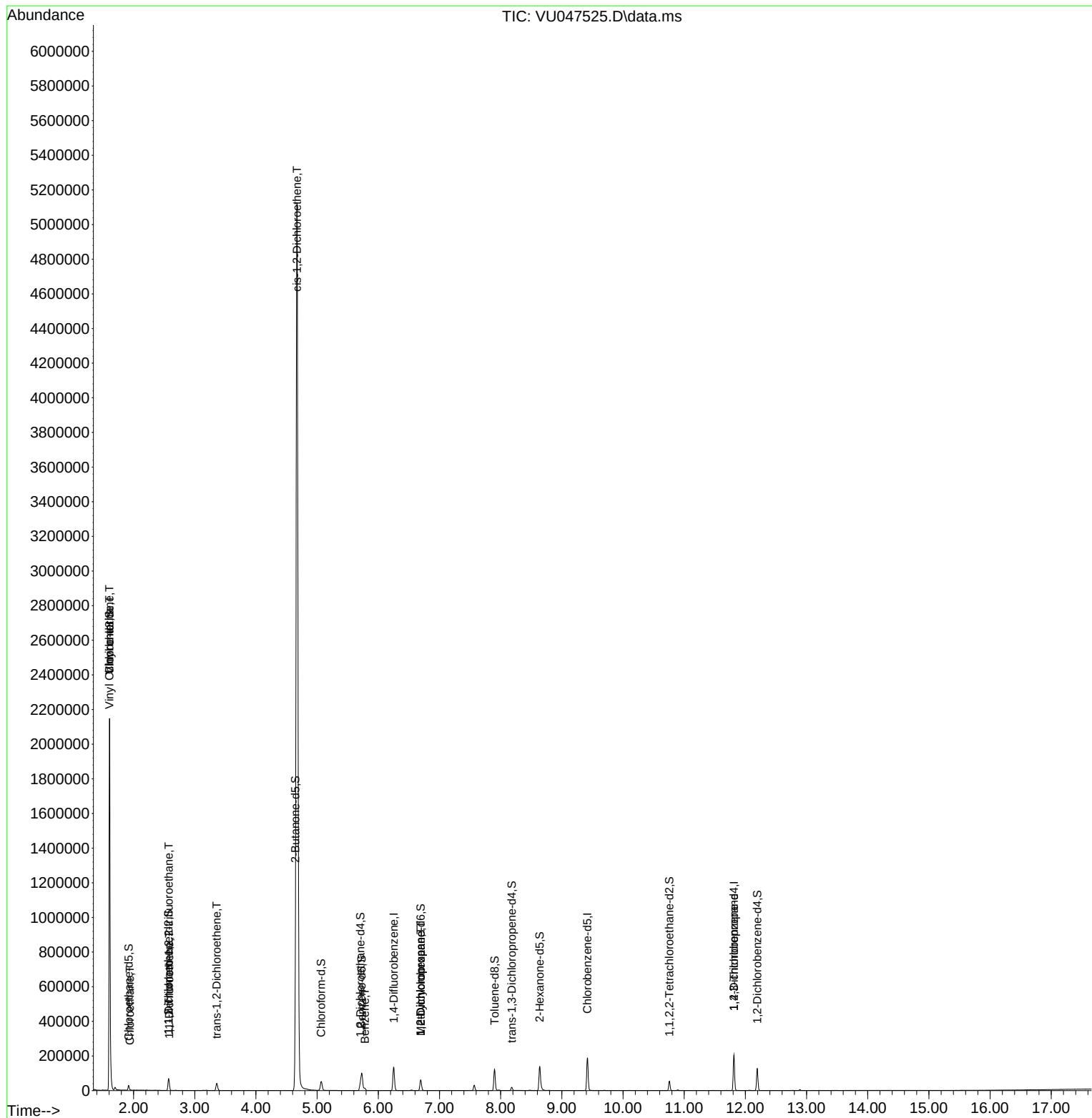
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	115058	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	113189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36887	5.911	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.200%	
7) Chloroethane-d5	1.919	69	20727	4.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.571	65	12215	4.432	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	4.645	46	69676	62.714	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.420%	
24) Chloroform-d	5.067	84	48604	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.706	65	25035	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.729	84	97582	4.583	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.694	67	30391	4.825	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.899	98	86270	4.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.182	79	11122	4.159	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.639	63	55260	46.909	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.820%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	27792	5.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36549	4.988	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.607	50	9191	1.068	ug/L #	46
5) Vinyl chloride	1.607	62	1492569	176.394	ug/L	98
8) Chloroethane	1.941	64	506	0.098	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	333	0.048	ug/L #	17
12) 1,1-Dichloroethene	2.584	96	2189	0.324	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	18649	2.579	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	2734569	341.221	ug/L	96
33) Benzene	5.780	78	13811	0.452	ug/L	100
35) Methylcyclohexane	6.694	83	6817	0.529	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	3098	0.407	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	5982	1.117	ug/L #	64

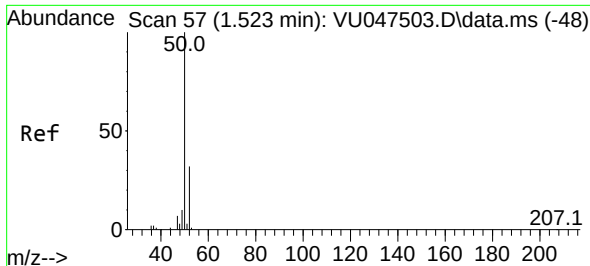
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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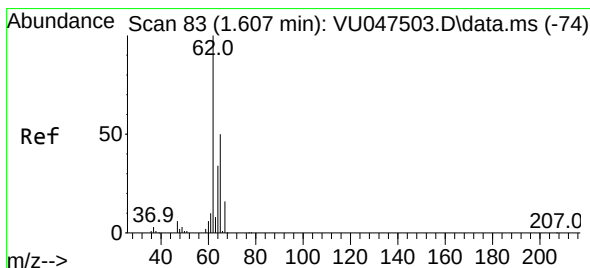
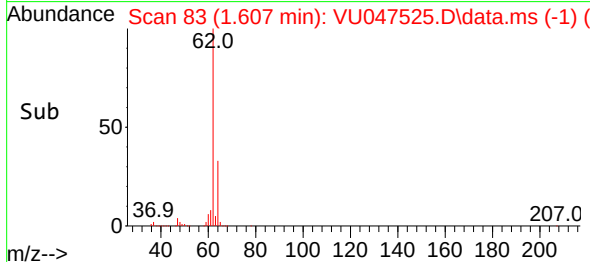
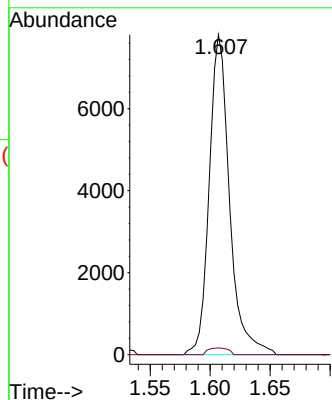
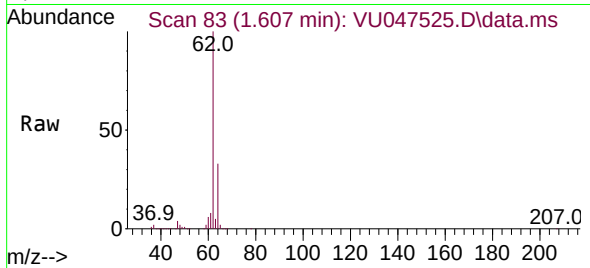




#3
Chloromethane
Concen: 1.068 ug/L
RT: 1.607 min Scan# 81
Delta R.T. 0.084 min
Lab File: VU047525.D
Acq: 12 Mar 2022 04:36

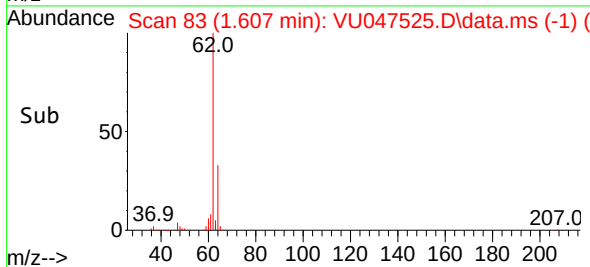
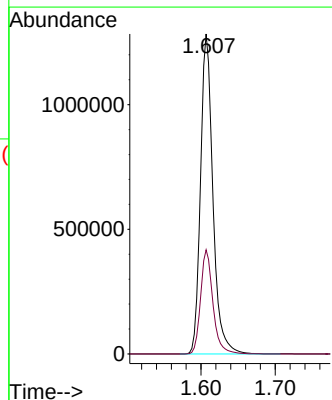
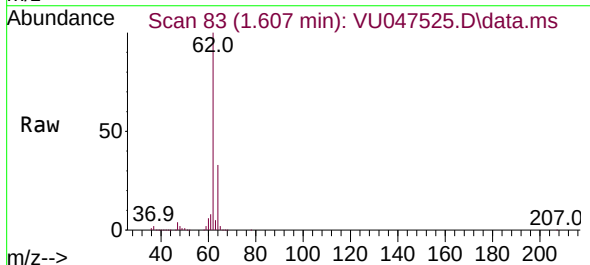
Instrument :
MSVOA_U
ClientSampleId :
ETNH9

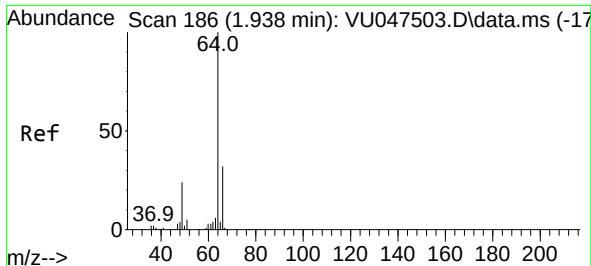
Tgt Ion: 50 Resp: 9191
Ion Ratio Lower Upper
50 100
52 2.1 22.5 41.9#



#5
Vinyl chloride
Concen: 176.394 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047525.D
Acq: 12 Mar 2022 04:36

Tgt Ion: 62 Resp: 1492569
Ion Ratio Lower Upper
62 100
64 32.5 23.7 43.9





#8

Chloroethane

Concen: 0.098 ug/L

RT: 1.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047525.D

Acq: 12 Mar 2022 04:36

Instrument :

MSVOA_U

ClientSampleId :

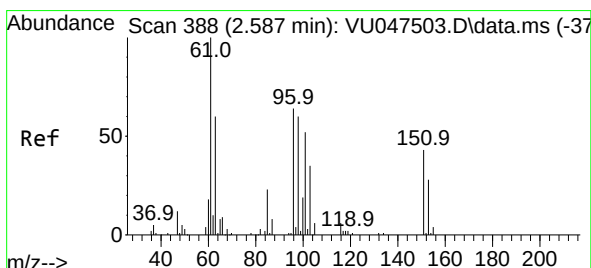
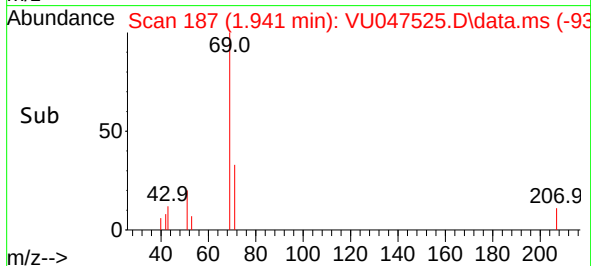
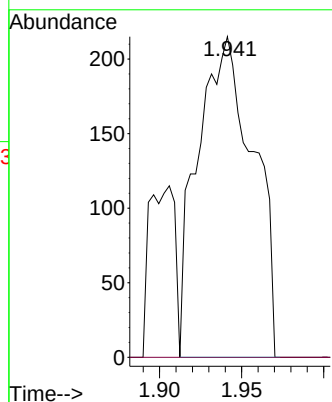
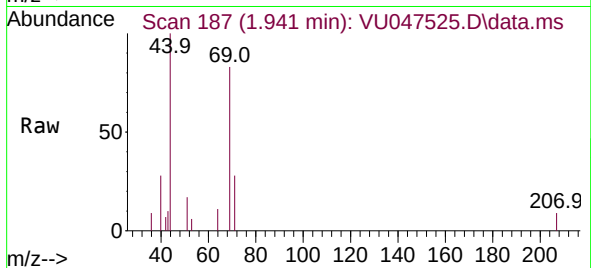
ETNH9

Tgt Ion: 64 Resp: 506

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#



#10

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

Concen: 0.048 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047525.D

Acq: 12 Mar 2022 04:36

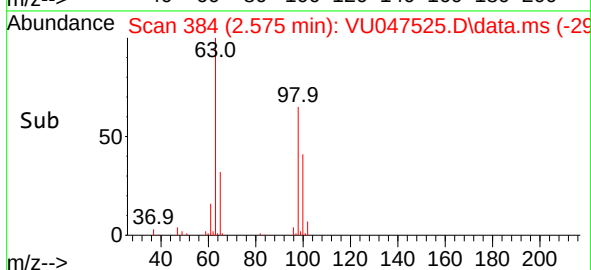
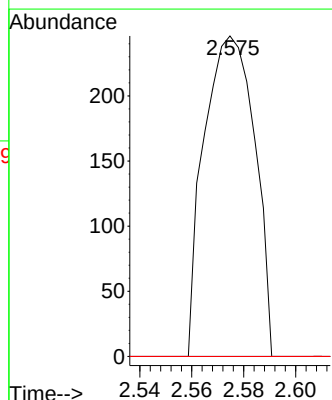
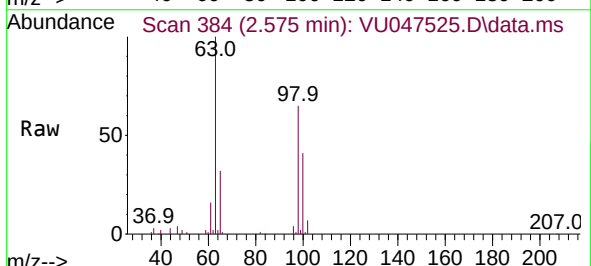
Tgt Ion: 101 Resp: 333

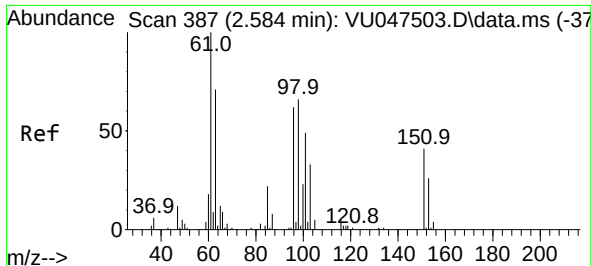
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#

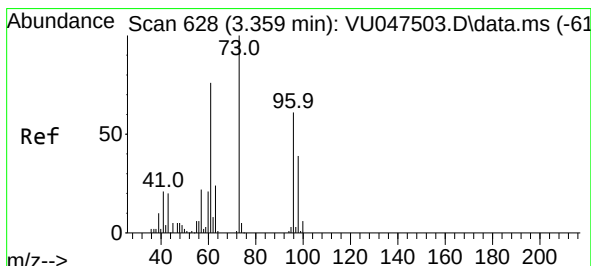
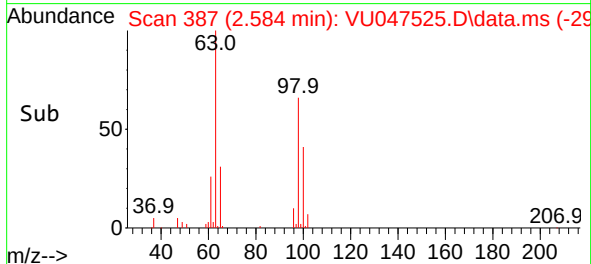
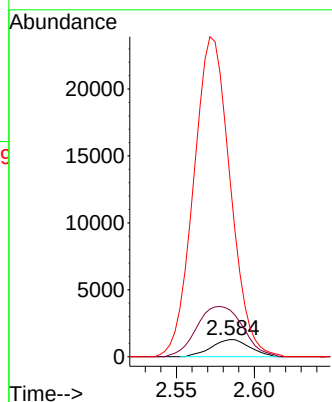
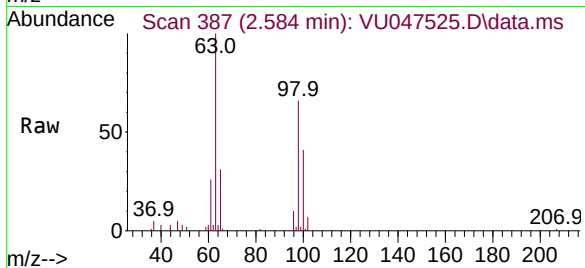




#12
1,1-Dichloroethene
Concen: 0.324 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047525.D
Acq: 12 Mar 2022 04:36

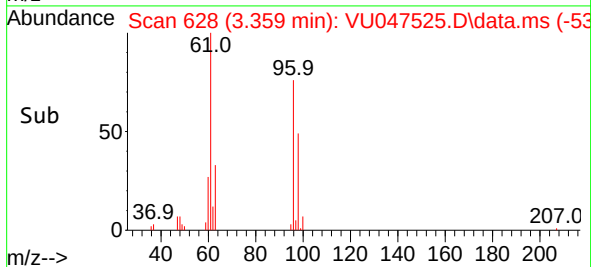
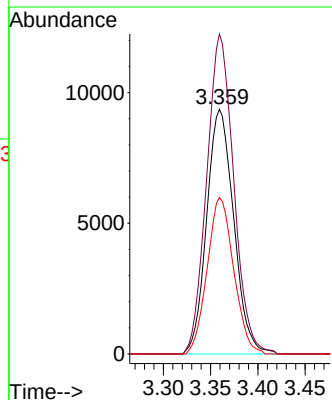
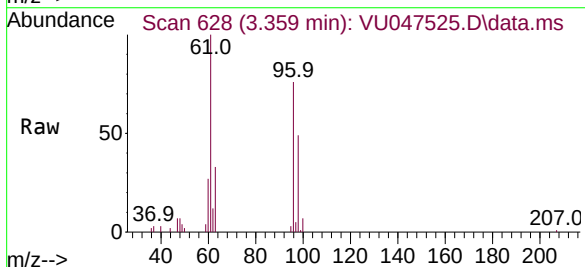
Instrument :
MSVOA_U
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ETNH9

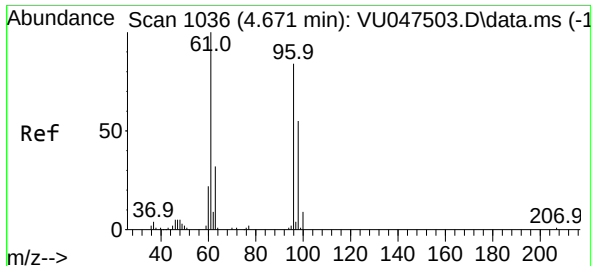
Tgt Ion: 96 Resp: 2189
Ion Ratio Lower Upper
96 100
61 270.9 108.8 202.0#
63 1025.7 64.0 119.0#



#18
trans-1,2-Dichloroethene
Concen: 2.579 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047525.D
Acq: 12 Mar 2022 04:36

Tgt Ion: 96 Resp: 18649
Ion Ratio Lower Upper
96 100
61 130.8 90.4 167.8
98 64.0 45.0 83.6



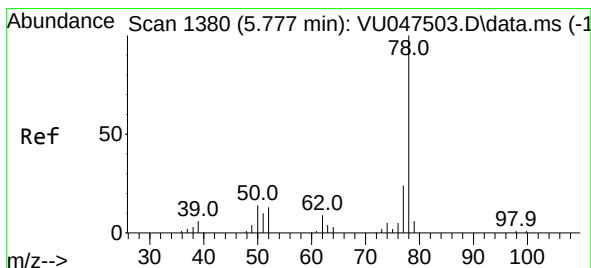
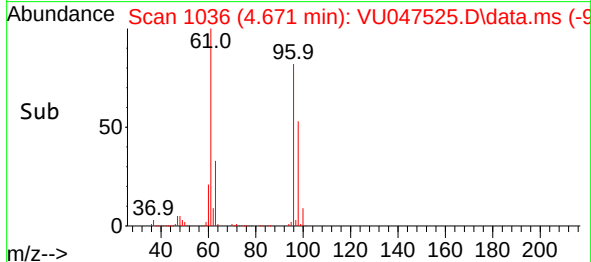
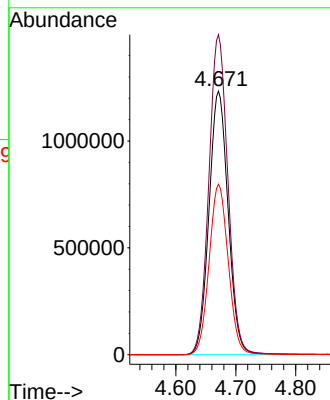
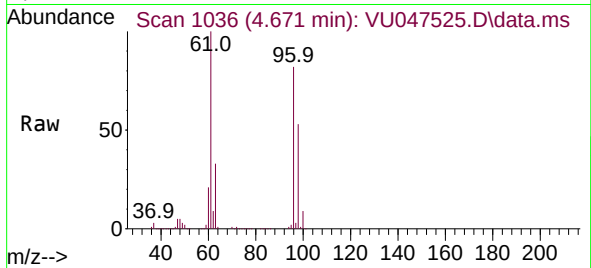


#22
 cis-1,2-Dichloroethene
 Concen: 341.221 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047525.D
 Acq: 12 Mar 2022 04:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9

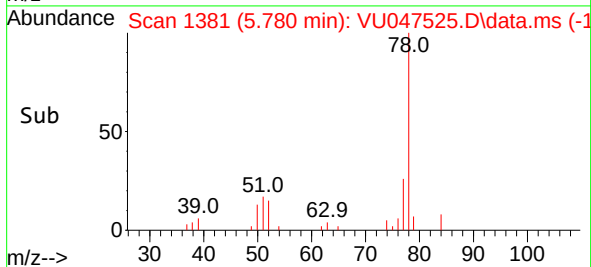
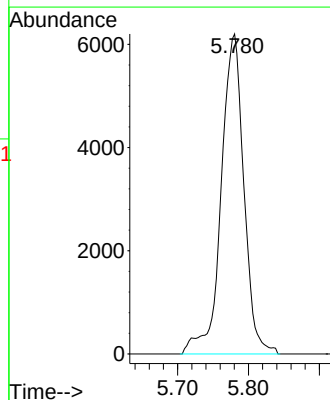
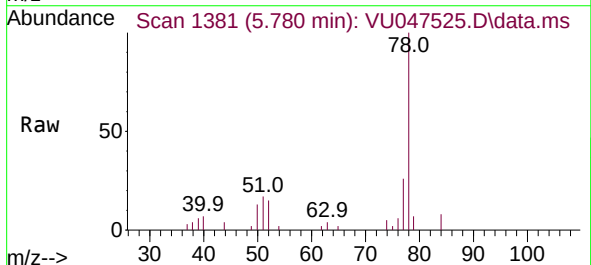
Tgt Ion: 96 Resp: 2734569

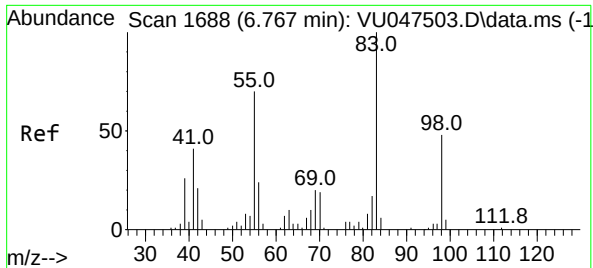
Ion	Ratio	Lower	Upper
96	100		
61	121.4	80.8	150.0
98	64.6	44.7	83.1



#33
 Benzene
 Concen: 0.452 ug/L
 RT: 5.780 min Scan# 1381
 Delta R.T. 0.003 min
 Lab File: VU047525.D
 Acq: 12 Mar 2022 04:36

Tgt Ion: 78 Resp: 13811

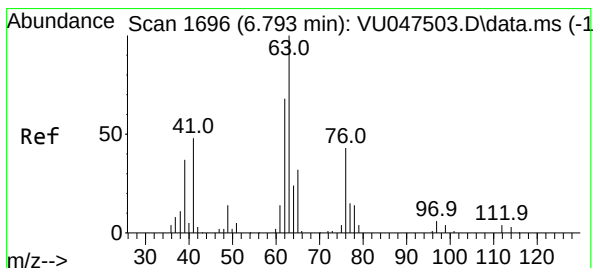
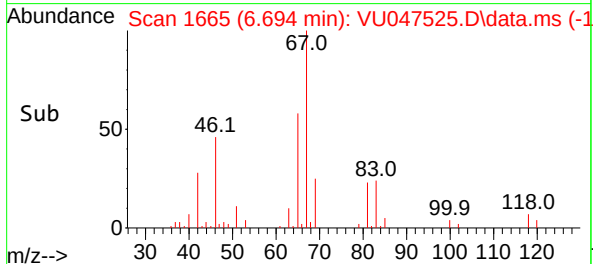
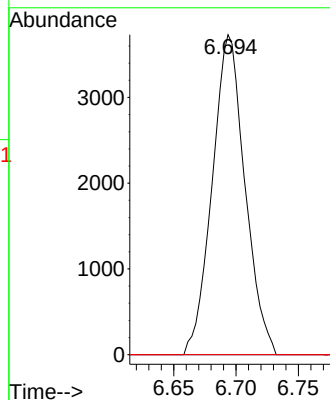
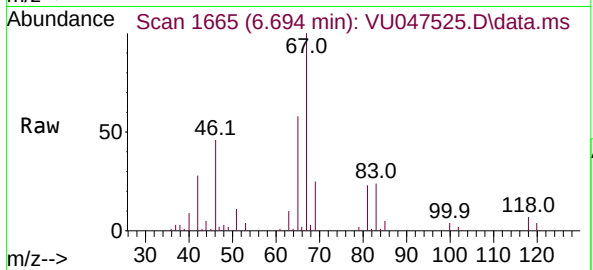




#35
Methylcyclohexane
Concen: 0.529 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047525.D
Acq: 12 Mar 2022 04:36

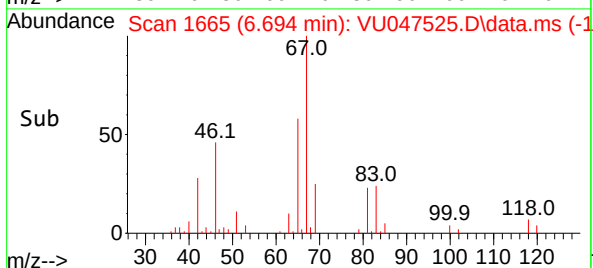
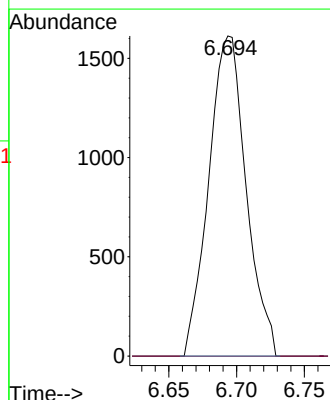
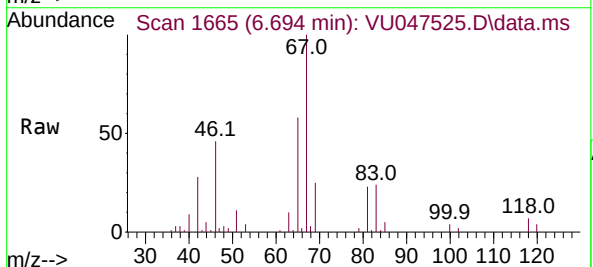
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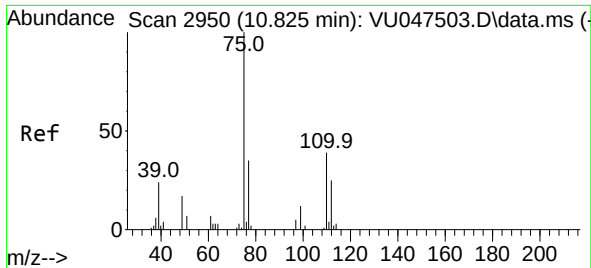
Tgt Ion: 83 Resp: 6817
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.4 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.407 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047525.D
Acq: 12 Mar 2022 04:36

Tgt Ion: 63 Resp: 3098
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.117 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047525.D

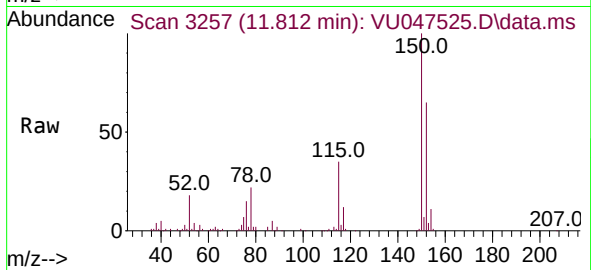
Acq: 12 Mar 2022 04:36

Instrument :

MSVOA_U

ClientSampleId :

ETNH9



Tgt Ion: 75 Resp: 5982

Ion Ratio Lower Upper

75 100

110 1.1 31.0 46.4#

77 29.8 26.2 39.4

