

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047447.D
 Acq On : 10 Mar 2022 09:38
 Operator : SY/MD
 Sample : N1857-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL4

Quant Time: Mar 11 00:17:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

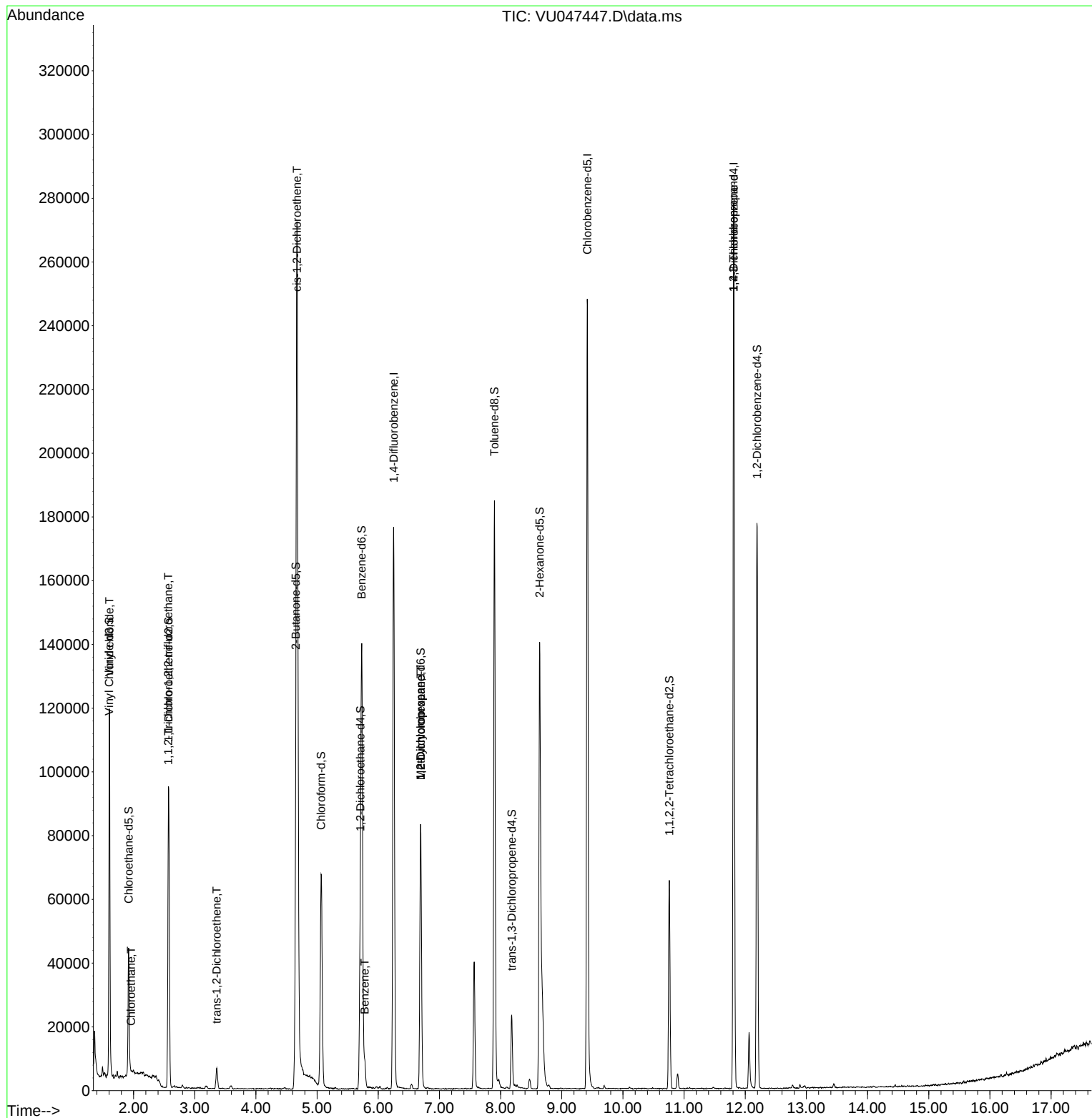
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	152371	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	149729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39376	4.765	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.919	69	29718	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.571	65	17365	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.652	46	48706	33.104	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.200%
24) Chloroform-d	5.067	84	63029	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.706	65	32040	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.729	84	136285	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.693	67	40670	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.899	98	126461	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.182	79	14529	4.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.639	63	71901	46.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33937	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	49880	5.000	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	46488	4.149	ug/L	99
8) Chloroethane	1.961	64	587	0.086	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	512	0.056	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	3148	0.329	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	142858	13.461	ug/L	97
33) Benzene	5.777	78	7624	0.189	ug/L	100
35) Methylcyclohexane	6.693	83	9555	0.560	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	4416	0.438	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	8390	1.151	ug/L #	67

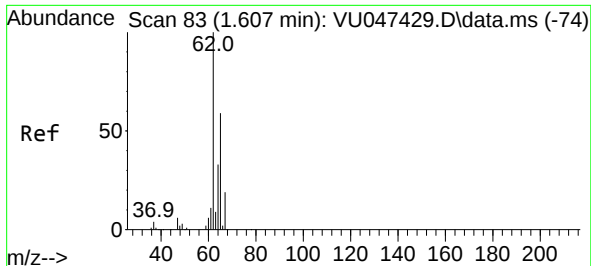
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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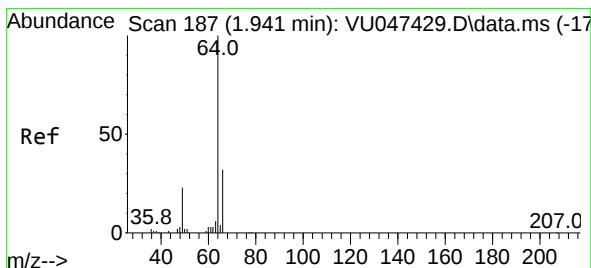
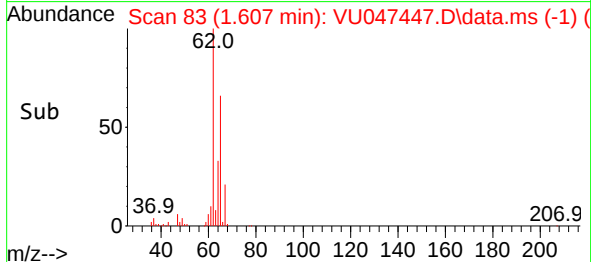
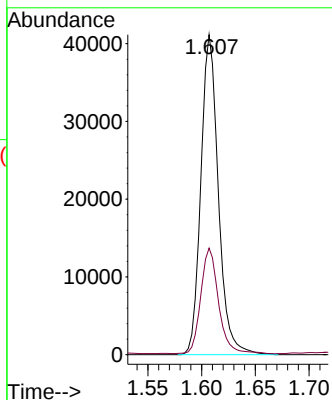
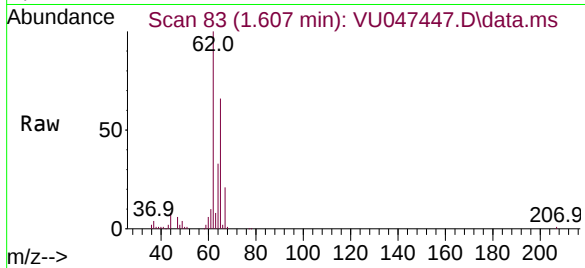




#5
 Vinyl chloride
 Concen: 4.149 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047447.D
 Acq: 10 Mar 2022 09:38

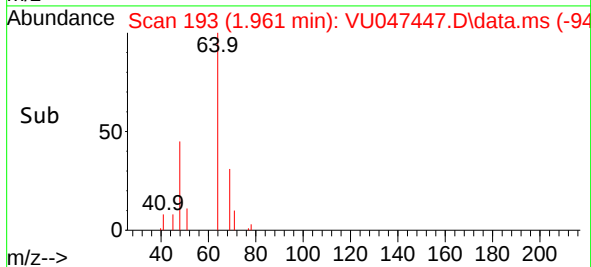
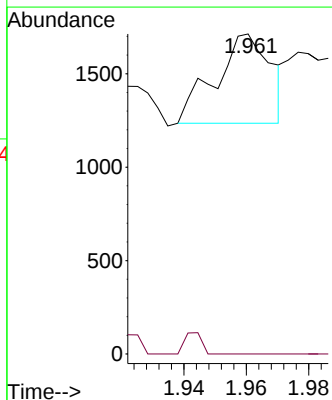
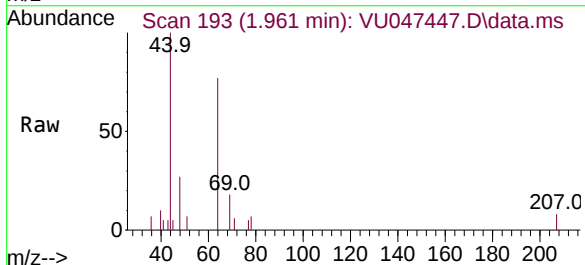
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNL4

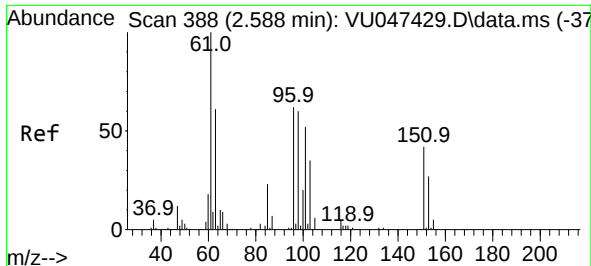
Tgt Ion: 62 Resp: 46488
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 43.9



#8
 Chloroethane
 Concen: 0.086 ug/L
 RT: 1.961 min Scan# 193
 Delta R.T. 0.019 min
 Lab File: VU047447.D
 Acq: 10 Mar 2022 09:38

Tgt Ion: 64 Resp: 587
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#





#10

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

Concen: 0.056 ug/L

RT: 2.568 min Scan# 388

Delta R.T. -0.019 min

Lab File: VU047447.D

Acq: 10 Mar 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

ETNL4

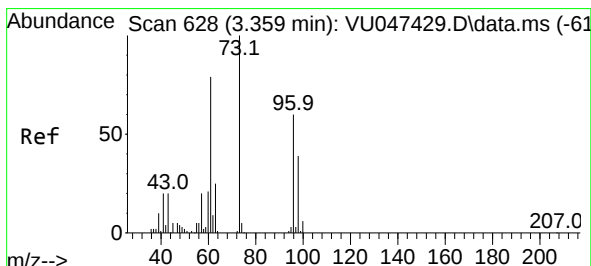
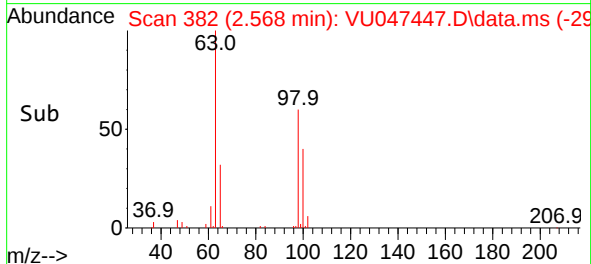
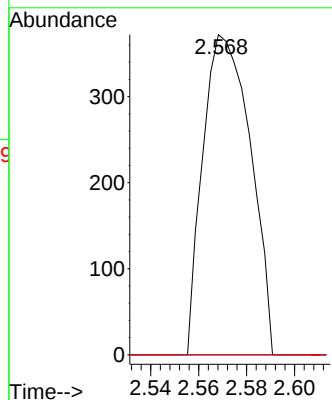
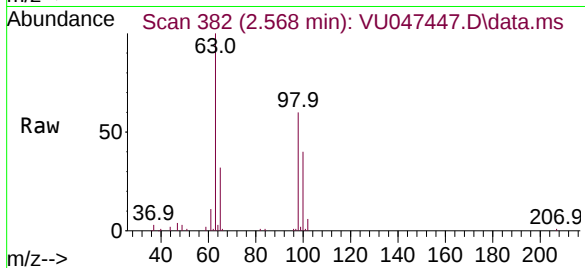
Tgt Ion:101 Resp: 512

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#18

trans-1,2-Dichloroethene

Concen: 0.329 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047447.D

Acq: 10 Mar 2022 09:38

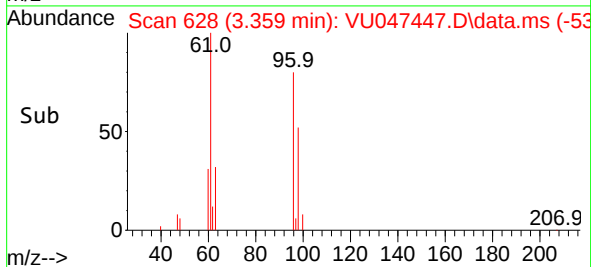
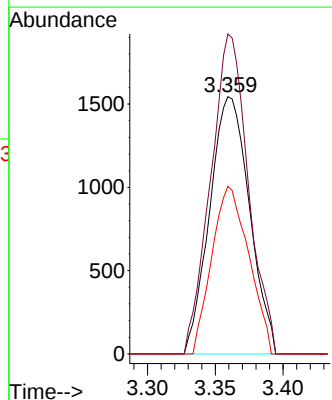
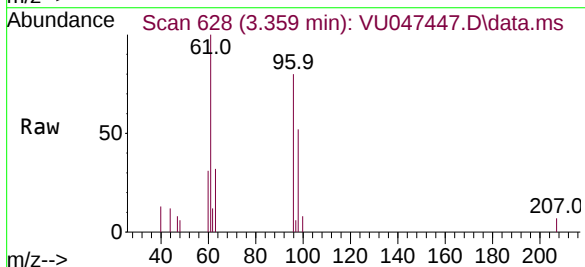
Tgt Ion: 96 Resp: 3148

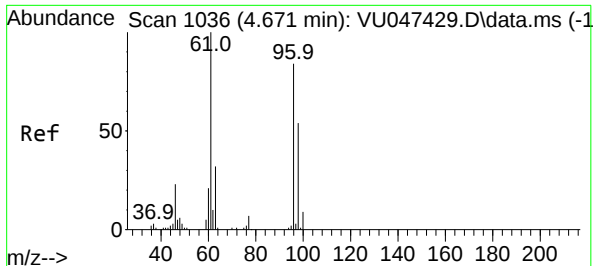
Ion Ratio Lower Upper

96 100

61 124.4 90.4 167.8

98 65.2 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 13.461 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047447.D

Acq: 10 Mar 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

ETNL4

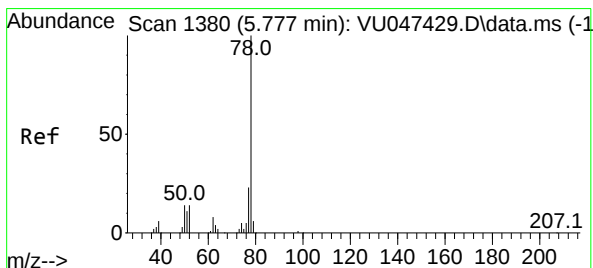
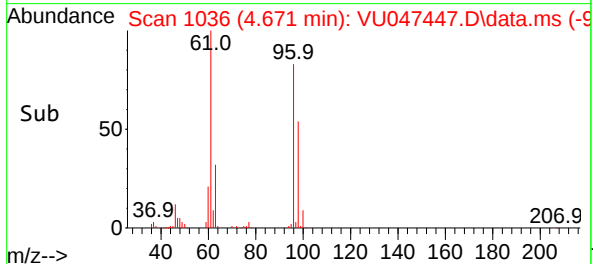
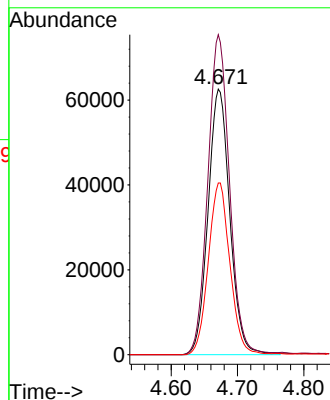
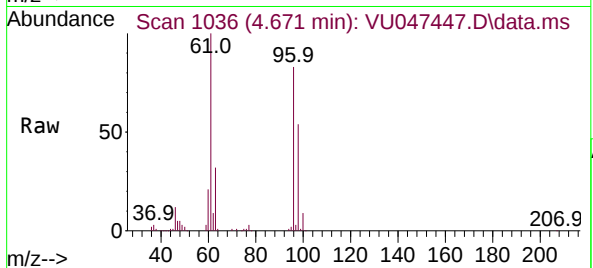
Tgt Ion: 96 Resp: 142858

Ion Ratio Lower Upper

96 100

61 120.5 80.8 150.0

98 64.6 44.7 83.1



#33

Benzene

Concen: 0.189 ug/L

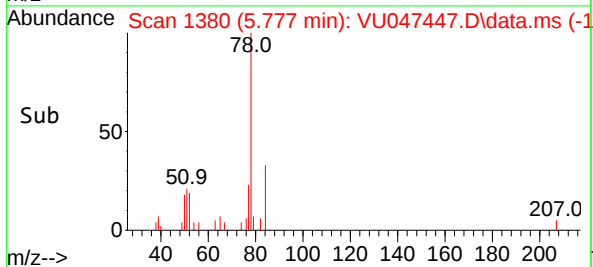
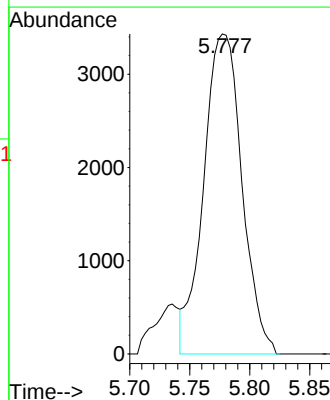
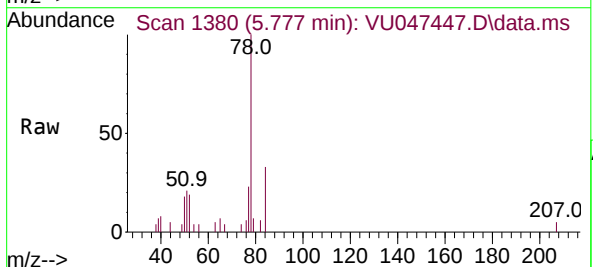
RT: 5.777 min Scan# 1380

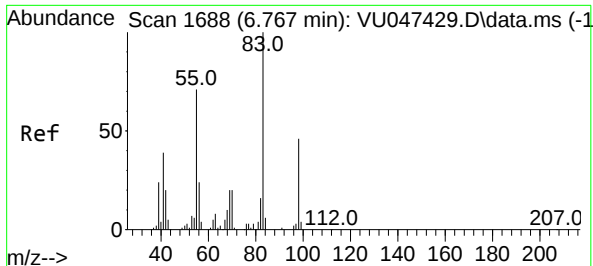
Delta R.T. -0.000 min

Lab File: VU047447.D

Acq: 10 Mar 2022 09:38

Tgt Ion: 78 Resp: 7624

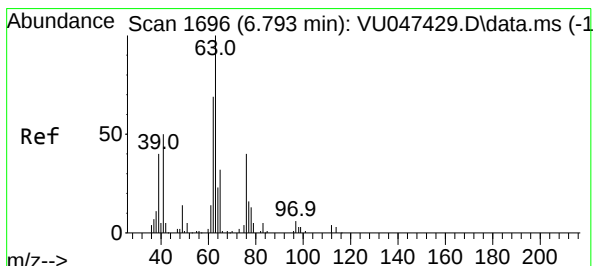
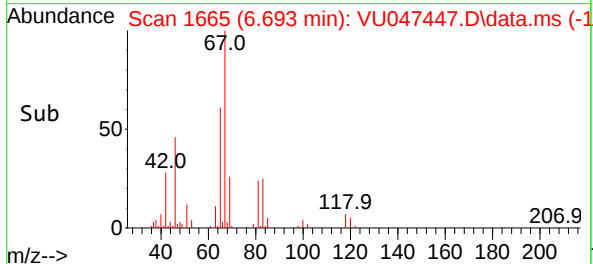
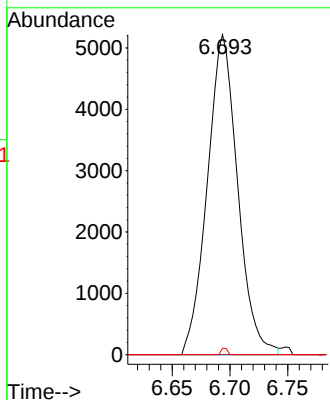
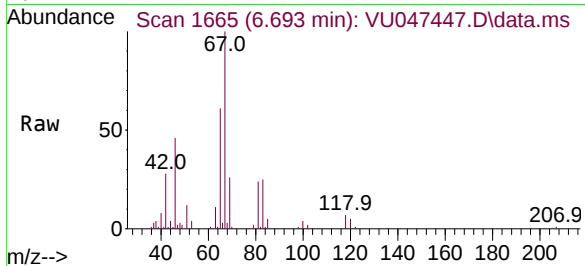




#35
Methylcyclohexane
Concen: 0.560 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047447.D
Acq: 10 Mar 2022 09:38

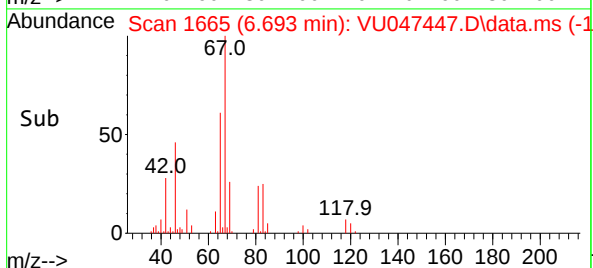
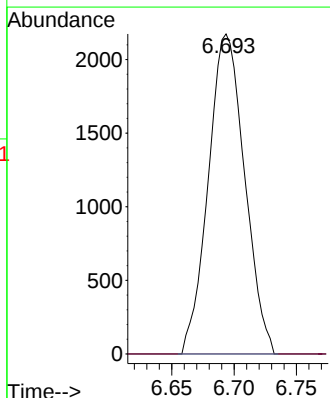
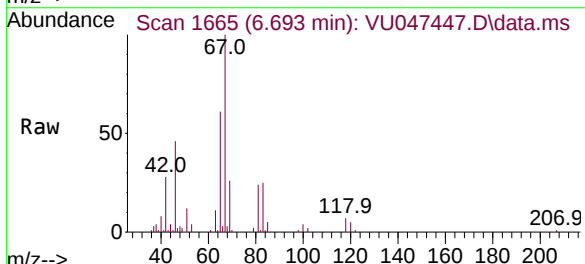
Instrument :
MSVOA_U
ClientSampleId :
ETNL4

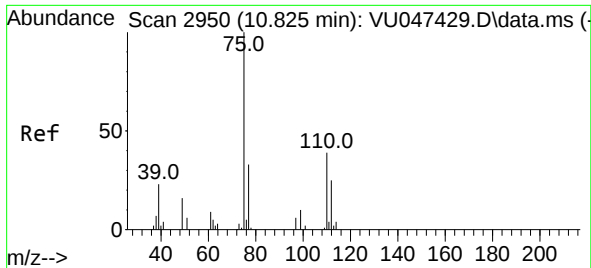
Tgt Ion: 83 Resp: 9555
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.4 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.438 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047447.D
Acq: 10 Mar 2022 09:38

Tgt Ion: 63 Resp: 4416
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.984 min

Lab File: VU047447.D

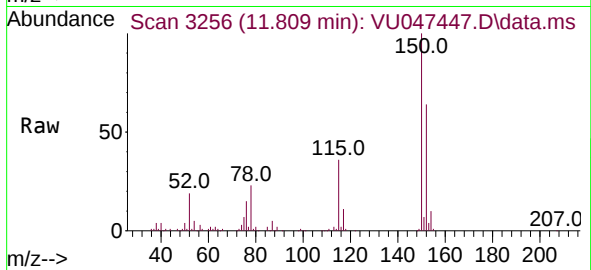
Acq: 10 Mar 2022 09:38

Instrument :

MSVOA_U

ClientSampleId :

ETNL4



Tgt Ion: 75	Resp:	8390
Ion	Ratio	Lower Upper
75	100	
110	2.0	31.0 46.4#
77	32.5	26.2 39.4

