

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047524.D
 Acq On : 12 Mar 2022 04:12
 Operator : SY/MD
 Sample : N1858-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ9

Quant Time: Mar 14 01:45:07 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)

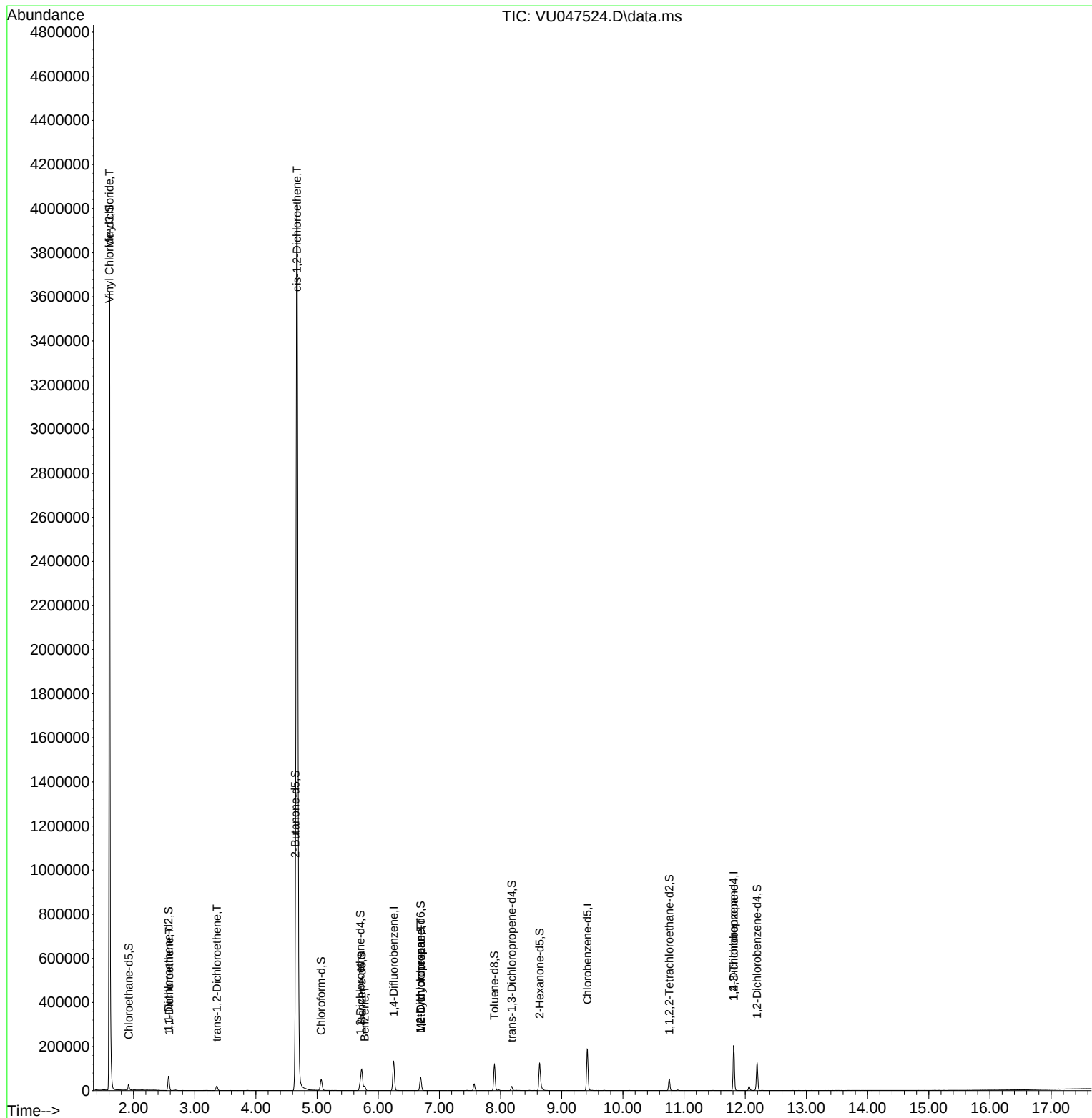
Internal Standards							
1) 1,4-Difluorobenzene		6.253	114	115152	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	111555	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	56856	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.604	65	44445	7.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	142.400%	#
7) Chloroethane-d5		1.919	69	20339	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2		2.572	65	11339	4.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5		4.646	46	58943	53.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%	
24) Chloroform-d		5.067	84	46107	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4		5.707	65	24211	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%	
32) Benzene-d6		5.729	84	92734	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6		6.694	67	28988	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%	
41) Toluene-d8		7.899	98	83997	4.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...		8.182	79	11083	4.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5		8.639	63	48537	41.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.620%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	25819	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4		12.195	152	35108	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%	
Target Compounds							
5) Vinyl chloride		1.607	62	2542817	300.269	ug/L	Qvalue 97
12) 1,1-Dichloroethene		2.581	96	1798	0.266	ug/L #	1
18) trans-1,2-Dichloroethene		3.363	96	9315	1.287	ug/L	99
22) cis-1,2-Dichloroethene		4.671	96	2170947	270.671	ug/L	96
33) Benzene		5.781	78	18954	0.629	ug/L	100
35) Methylcyclohexane		6.694	83	6427	0.506	ug/L #	20
37) 1,2-Dichloropropane		6.694	63	3092	0.412	ug/L #	88
61) 1,2,3-Trichloropropane		11.812	75	5943	1.128	ug/L #	66

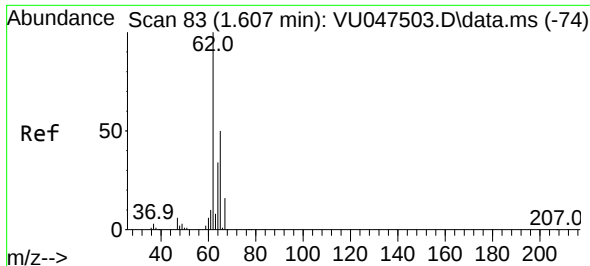
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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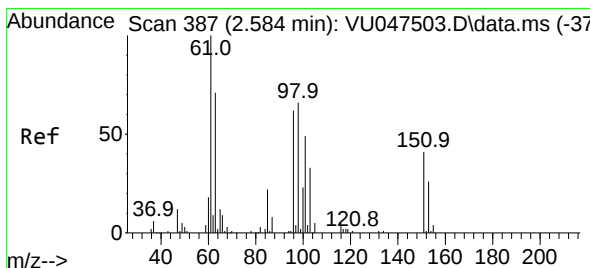
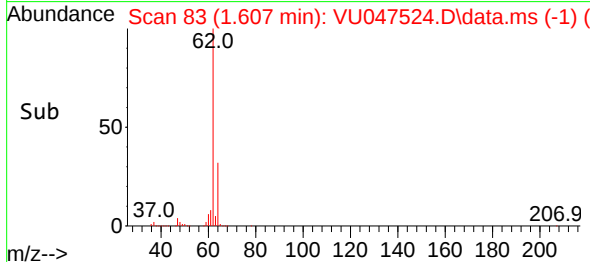
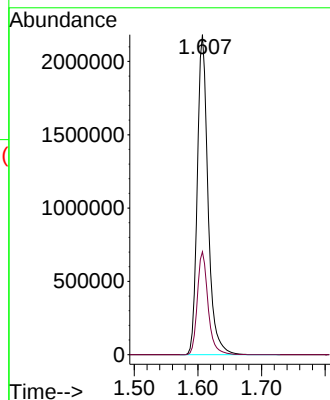
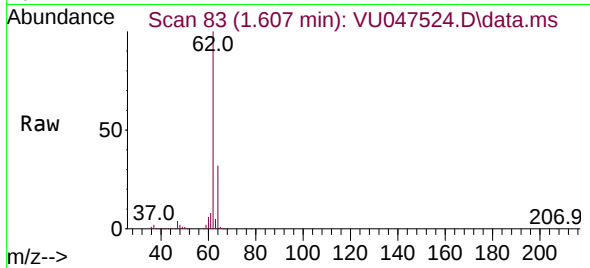




#5
 Vinyl chloride
 Concen: 300.269 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047524.D
 Acq: 12 Mar 2022 04:12

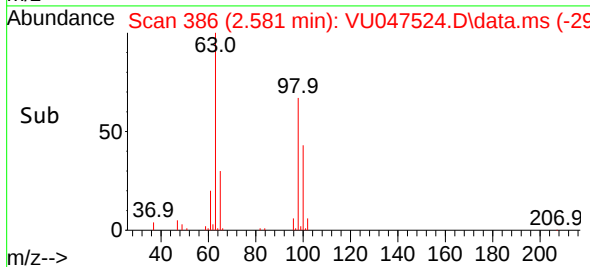
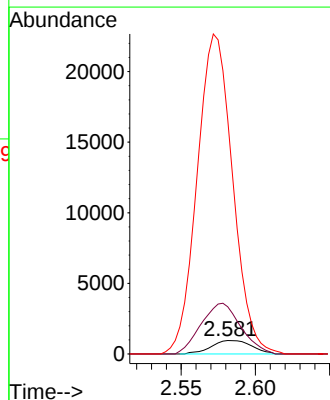
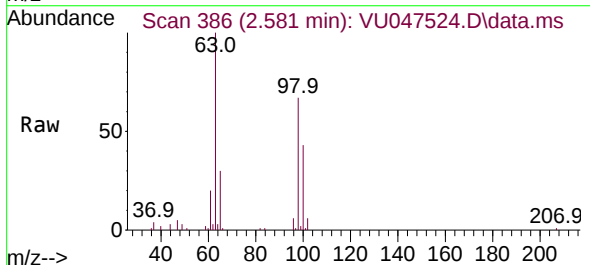
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ9

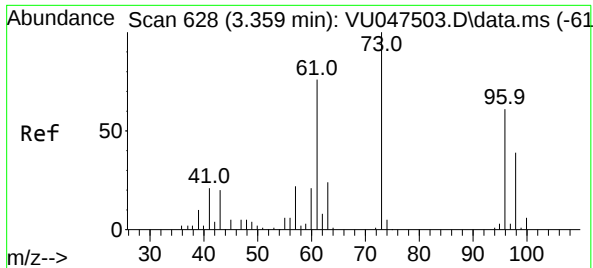
Tgt Ion: 62 Resp: 2542817
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.7 43.9



#12
 1,1-Dichloroethene
 Concen: 0.266 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU047524.D
 Acq: 12 Mar 2022 04:12

Tgt Ion: 96 Resp: 1798
 Ion Ratio Lower Upper
 96 100
 61 350.6 108.8 202.0#
 63 1740.7 64.0 119.0#





#18

trans-1,2-Dichloroethene

Concen: 1.287 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047524.D

Acq: 12 Mar 2022 04:12

Instrument :

MSVOA_U

ClientSampleId :

ETNJ9

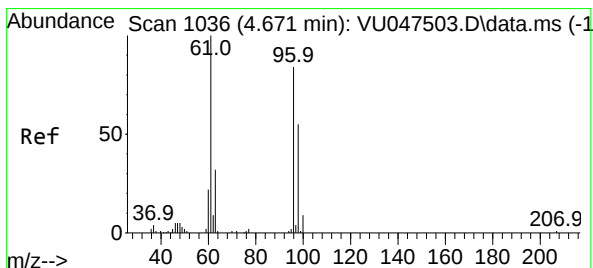
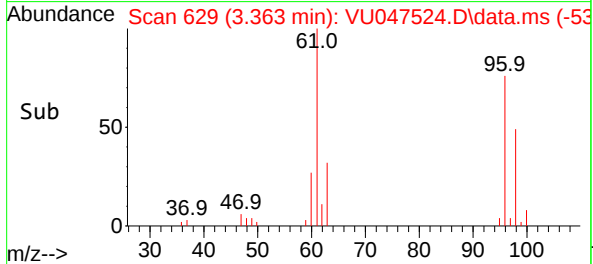
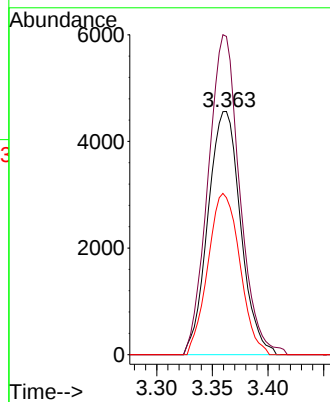
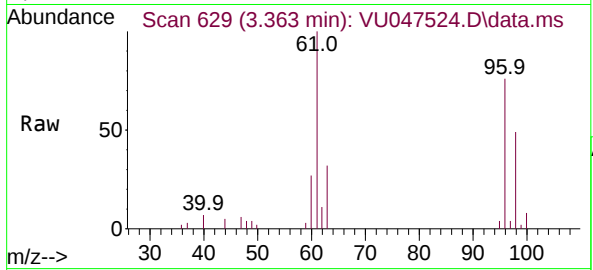
Tgt Ion: 96 Resp: 9315

Ion Ratio Lower Upper

96 100

61 130.9 90.4 167.8

98 64.5 45.0 83.6



#22

cis-1,2-Dichloroethene

Concen: 270.671 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047524.D

Acq: 12 Mar 2022 04:12

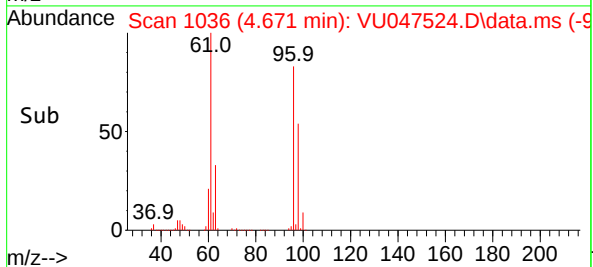
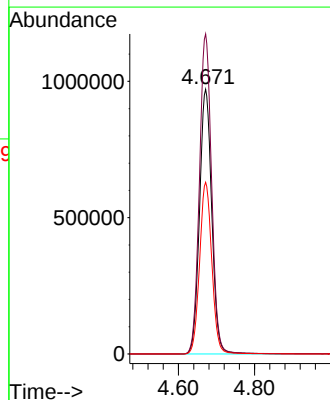
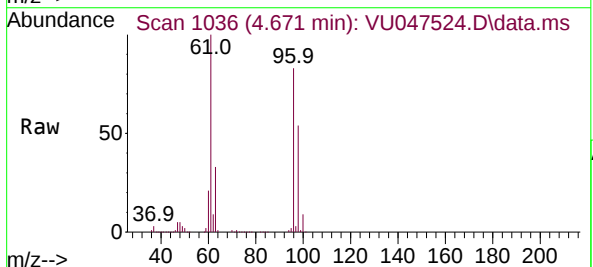
Tgt Ion: 96 Resp: 2170947

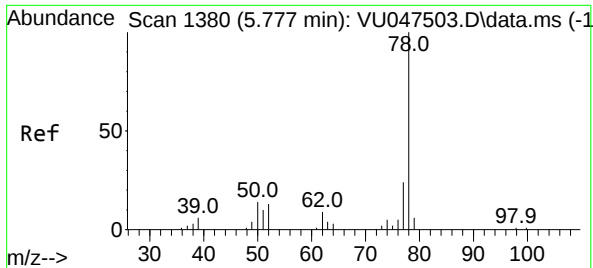
Ion Ratio Lower Upper

96 100

61 120.9 80.8 150.0

98 64.9 44.7 83.1





#33

Benzene

Concen: 0.629 ug/L

RT: 5.781 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047524.D

Acq: 12 Mar 2022 04:12

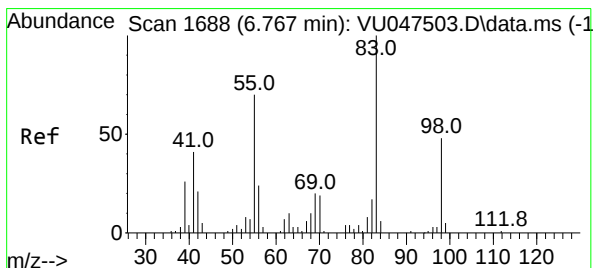
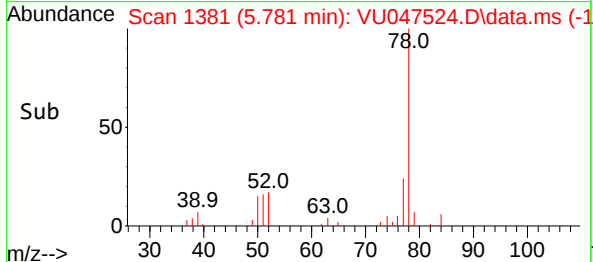
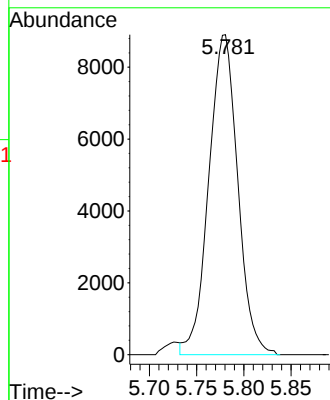
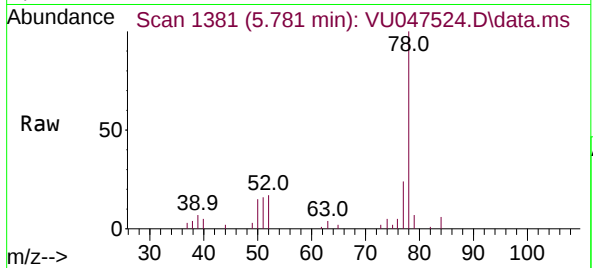
Instrument :

MSVOA_U

ClientSampleId :

ETNJ9

Tgt Ion: 78 Resp: 18954



#35

Methylcyclohexane

Concen: 0.506 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047524.D

Acq: 12 Mar 2022 04:12

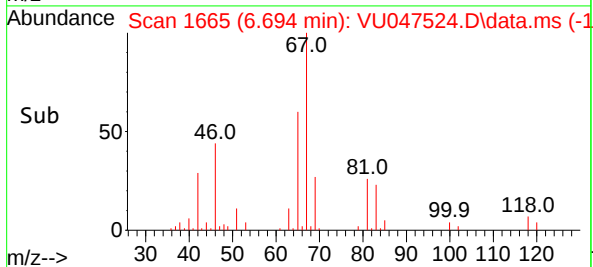
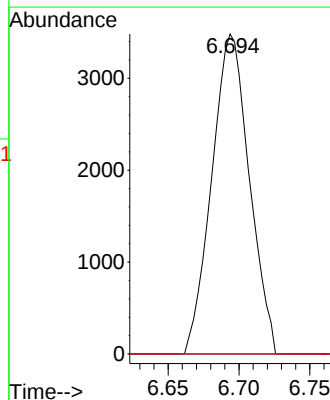
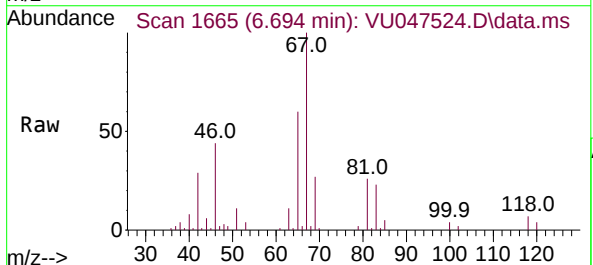
Tgt Ion: 83 Resp: 6427

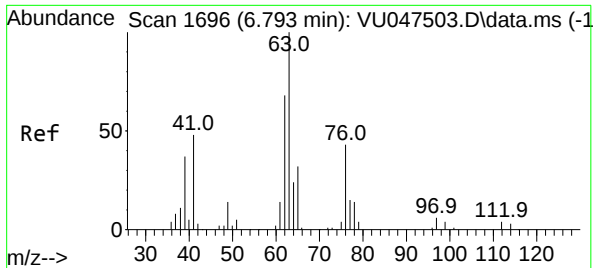
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.0 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.412 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU047524.D

Acq: 12 Mar 2022 04:12

Instrument :

MSVOA_U

ClientSampleId :

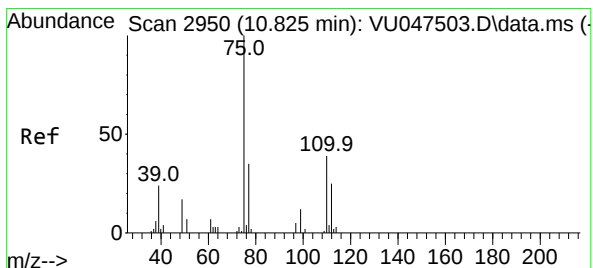
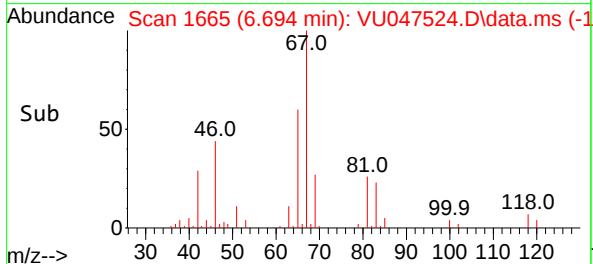
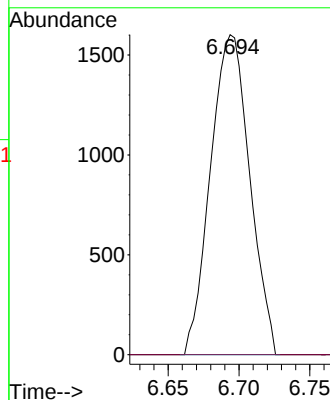
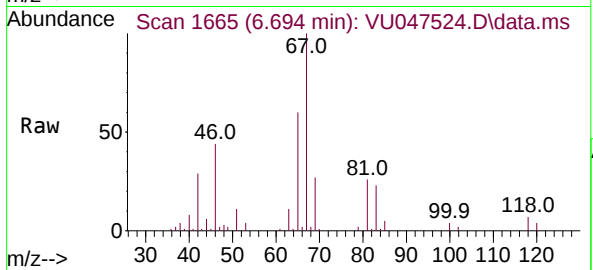
ETNJ9

Tgt Ion: 63 Resp: 3092

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.128 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047524.D

Acq: 12 Mar 2022 04:12

Tgt Ion: 75 Resp: 5943

Ion Ratio Lower Upper

75 100

110 1.1 31.0 46.4#

77 34.0 26.2 39.4

