

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047561.D
 Acq On : 15 Mar 2022 01:35
 Operator : SY/MD
 Sample : N1858-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNK8

Quant Time: Mar 15 06:18:29 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)

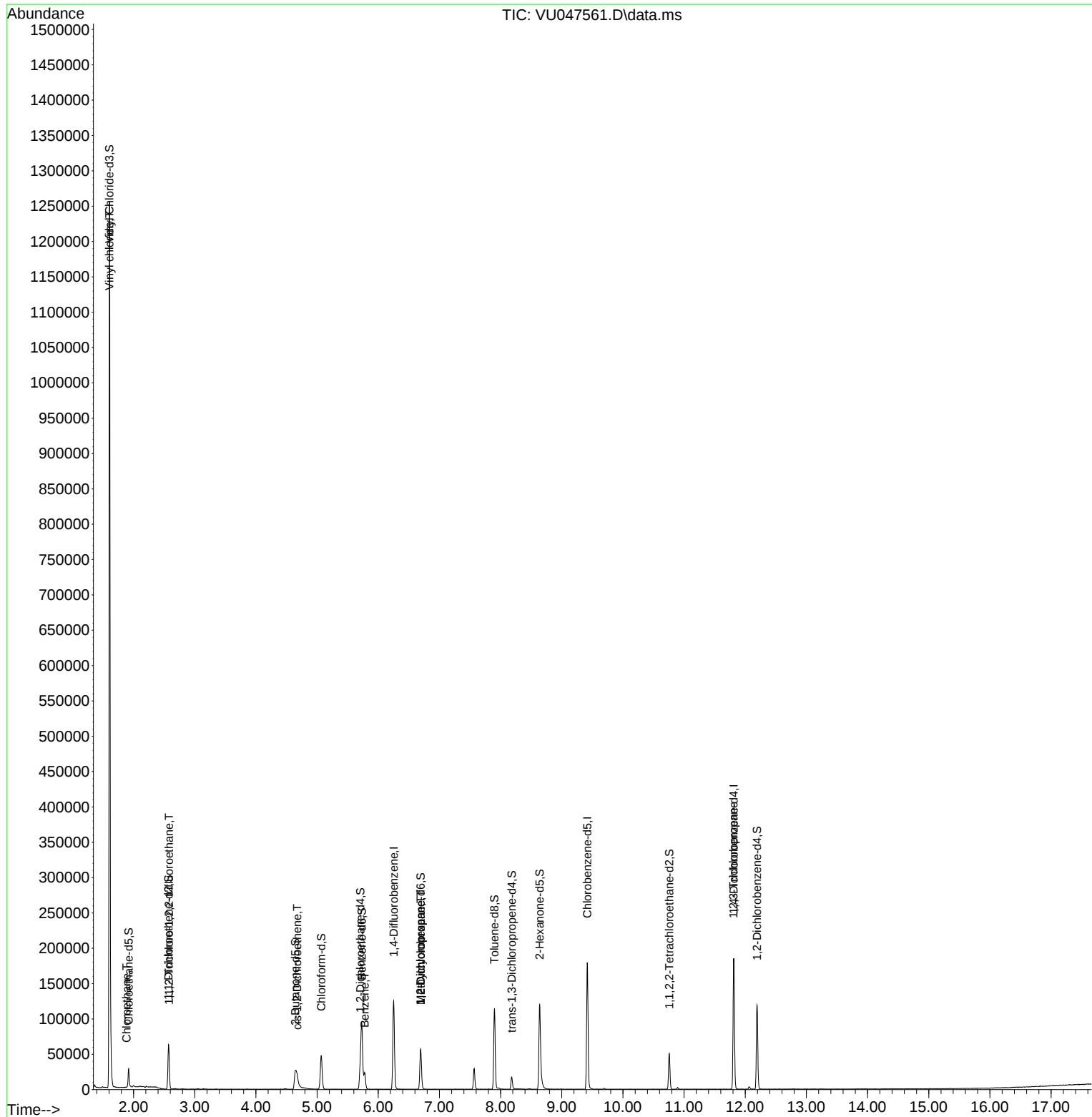
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107318	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31510	4.490	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.919	69	19626	3.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.572	65	11929	3.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.645	46	56569	28.012	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.020%
24) Chloroform-d	5.070	84	44721	2.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.000%#
26) 1,2-Dichloroethane-d4	5.707	65	23281	2.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.800%#
32) Benzene-d6	5.732	84	89711	2.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.000%#
36) 1,2-Dichloropropane-d6	6.694	67	28468	2.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	58.600%#
41) Toluene-d8	7.899	98	80817	2.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.800%#
43) trans-1,3-Dichloroprop...	8.182	79	10458	2.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.200%#
46) 2-Hexanone-d5	8.639	63	47066	22.228	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	44.460%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26021	2.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	53.600%#
66) 1,2-Dichlorobenzene-d4	12.192	152	33517	3.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	60.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	857727	128.440	ug/L	98
8) Chloroethane	1.887	64	560	0.139	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	334	0.060	ug/L #	18
22) cis-1,2-Dichloroethene	4.674	96	4423	0.694	ug/L	99
33) Benzene	5.777	78	23279	0.971	ug/L	100
35) Methylcyclohexane	6.694	83	6369	0.696	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	2874	0.468	ug/L #	87
61) 1,2,3-Trichloropropane	11.809	75	5565	1.242	ug/L #	67

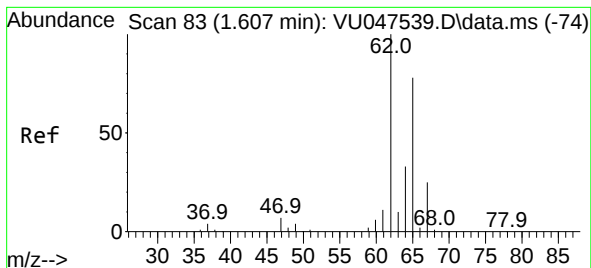
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 128.440 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047561.D

Acq: 15 Mar 2022 01:35

Instrument :

MSVOA_U

ClientSampleId :

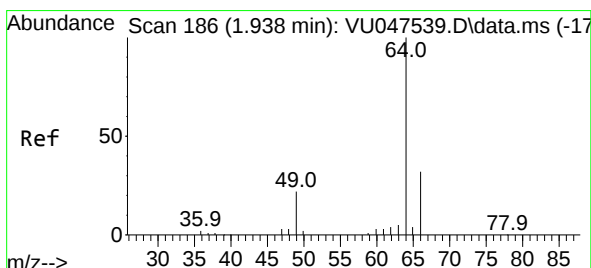
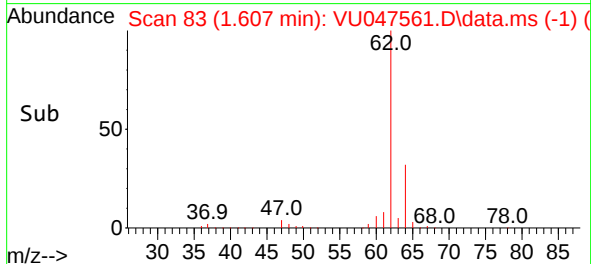
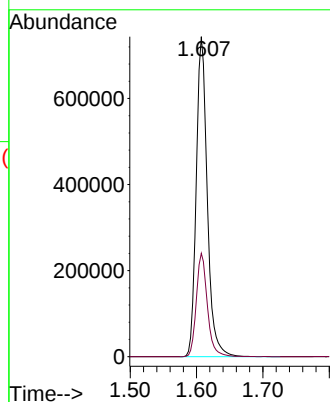
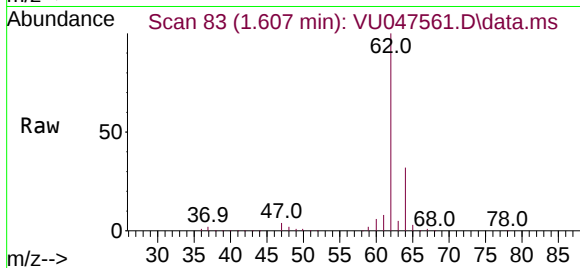
ETNK8

Tgt Ion: 62 Resp: 857727

Ion Ratio Lower Upper

62 100

64 32.3 23.5 43.7



#8

Chloroethane

Concen: 0.139 ug/L

RT: 1.887 min Scan# 170

Delta R.T. -0.051 min

Lab File: VU047561.D

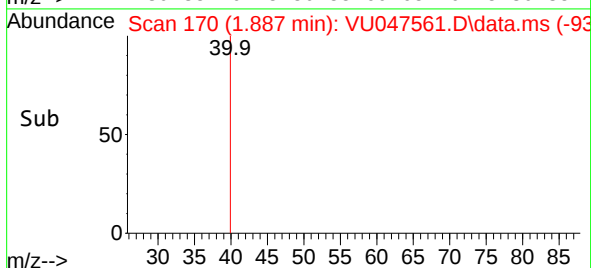
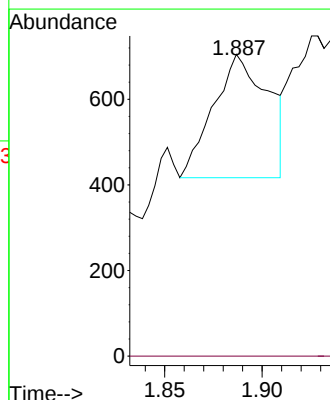
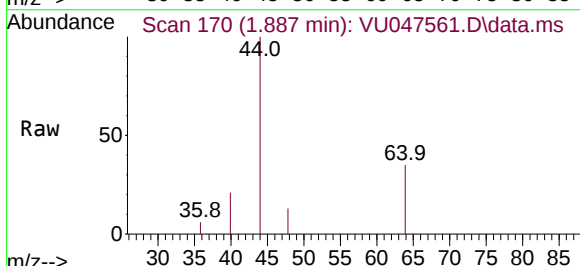
Acq: 15 Mar 2022 01:35

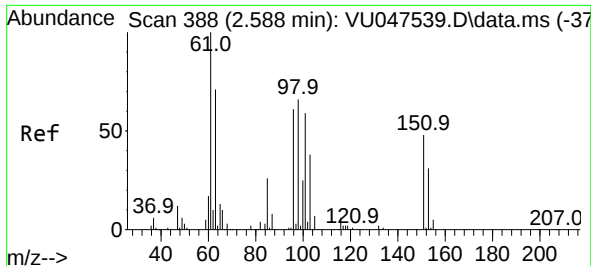
Tgt Ion: 64 Resp: 560

Ion Ratio Lower Upper

64 100

66 0.0 22.0 40.8#

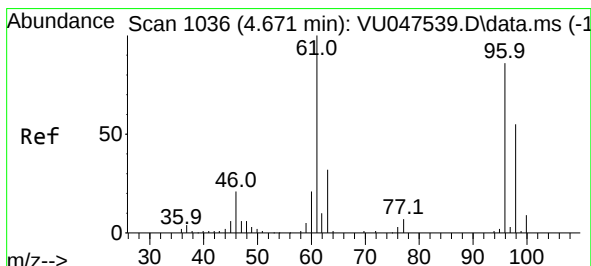
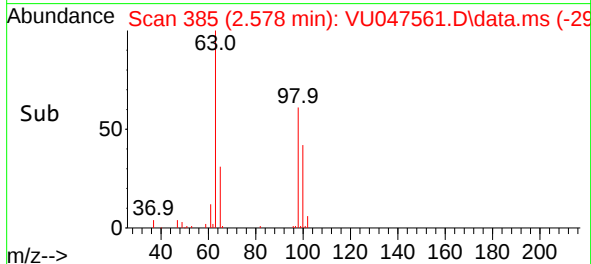
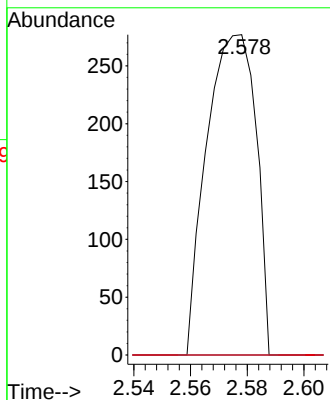
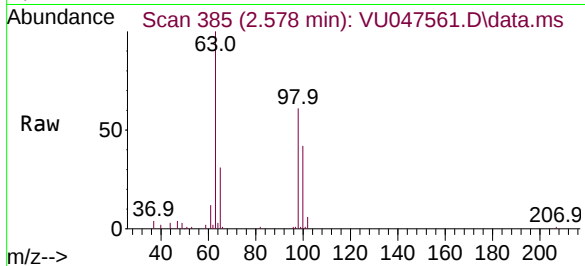




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.578 min Scan# 388
Delta R.T. -0.010 min
Lab File: VU047561.D
Acq: 15 Mar 2022 01:35

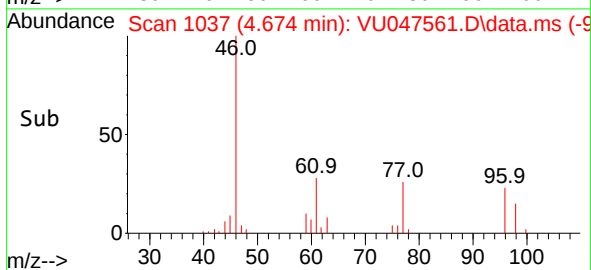
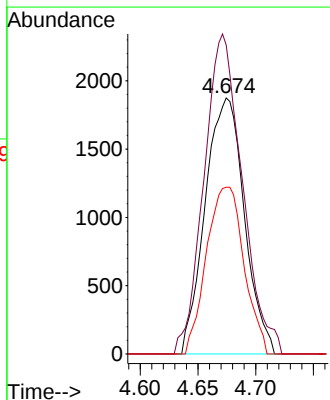
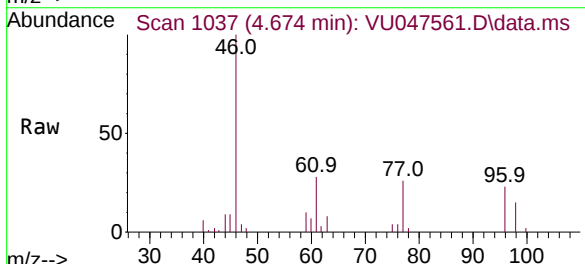
Instrument :
MSVOA_U
ClientSampleId :
ETNK8

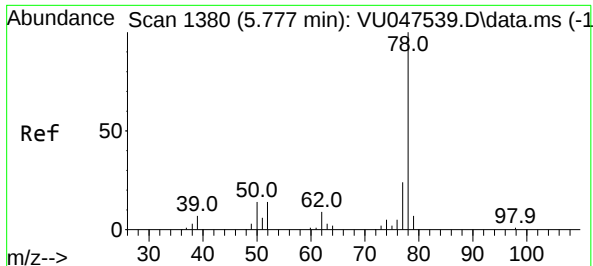
Tgt Ion:101 Resp: 334
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#22
cis-1,2-Dichloroethene
Concen: 0.694 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047561.D
Acq: 15 Mar 2022 01:35

Tgt Ion: 96 Resp: 4423
Ion Ratio Lower Upper
96 100
61 120.6 83.9 155.7
98 65.1 46.4 86.2





#33

Benzene

Concen: 0.971 ug/L

RT: 5.777 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047561.D

Acq: 15 Mar 2022 01:35

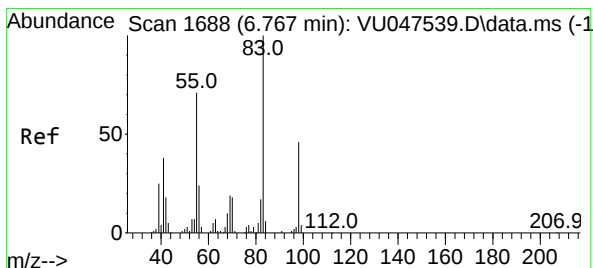
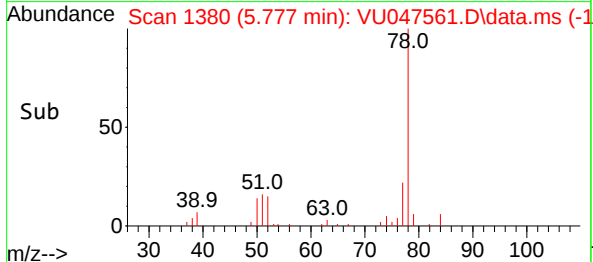
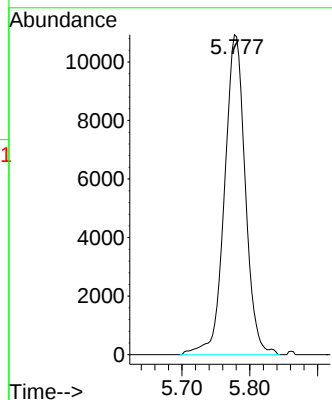
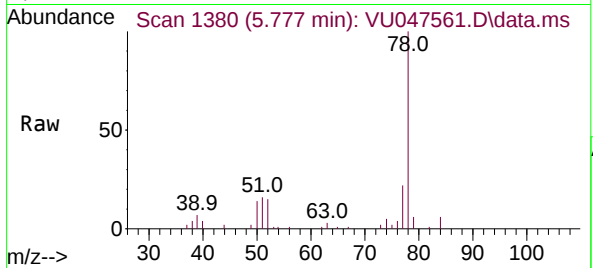
Instrument :

MSVOA_U

ClientSampleId :

ETNK8

Tgt Ion: 78 Resp: 23279



#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047561.D

Acq: 15 Mar 2022 01:35

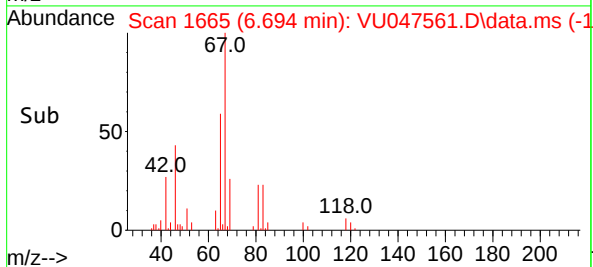
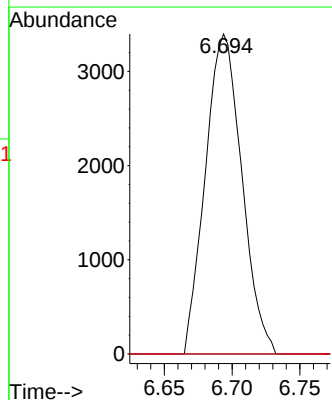
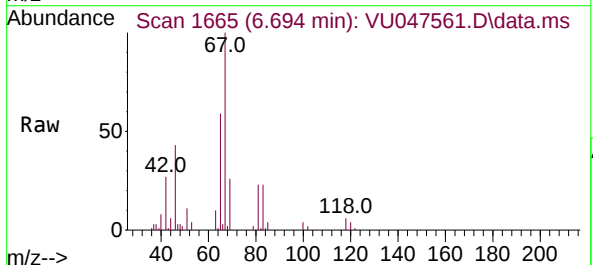
Tgt Ion: 83 Resp: 6369

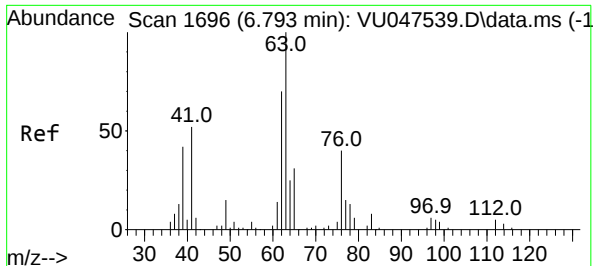
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.0 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047561.D

Acq: 15 Mar 2022 01:35

Instrument :

MSVOA_U

ClientSampleId :

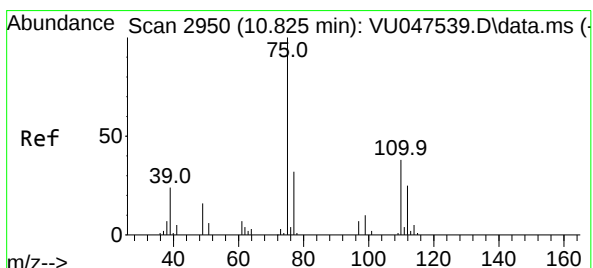
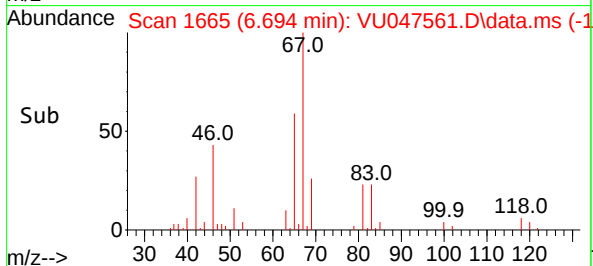
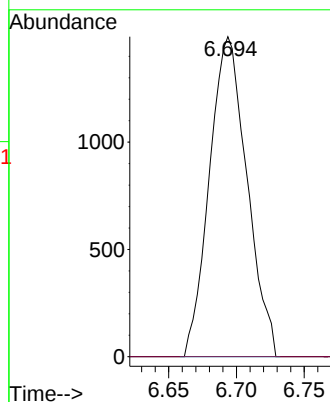
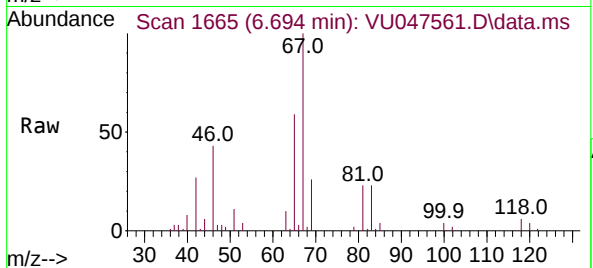
ETNK8

Tgt Ion: 63 Resp: 2874

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.242 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.984 min

Lab File: VU047561.D

Acq: 15 Mar 2022 01:35

Tgt Ion: 75 Resp: 5565

Ion Ratio Lower Upper

75 100

110 1.1 30.2 45.4#

77 32.6 26.6 39.8

