

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047520.D
 Acq On : 12 Mar 2022 02:38
 Operator : SY/MD
 Sample : N1858-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH2

Quant Time: Mar 14 01:44:20 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)

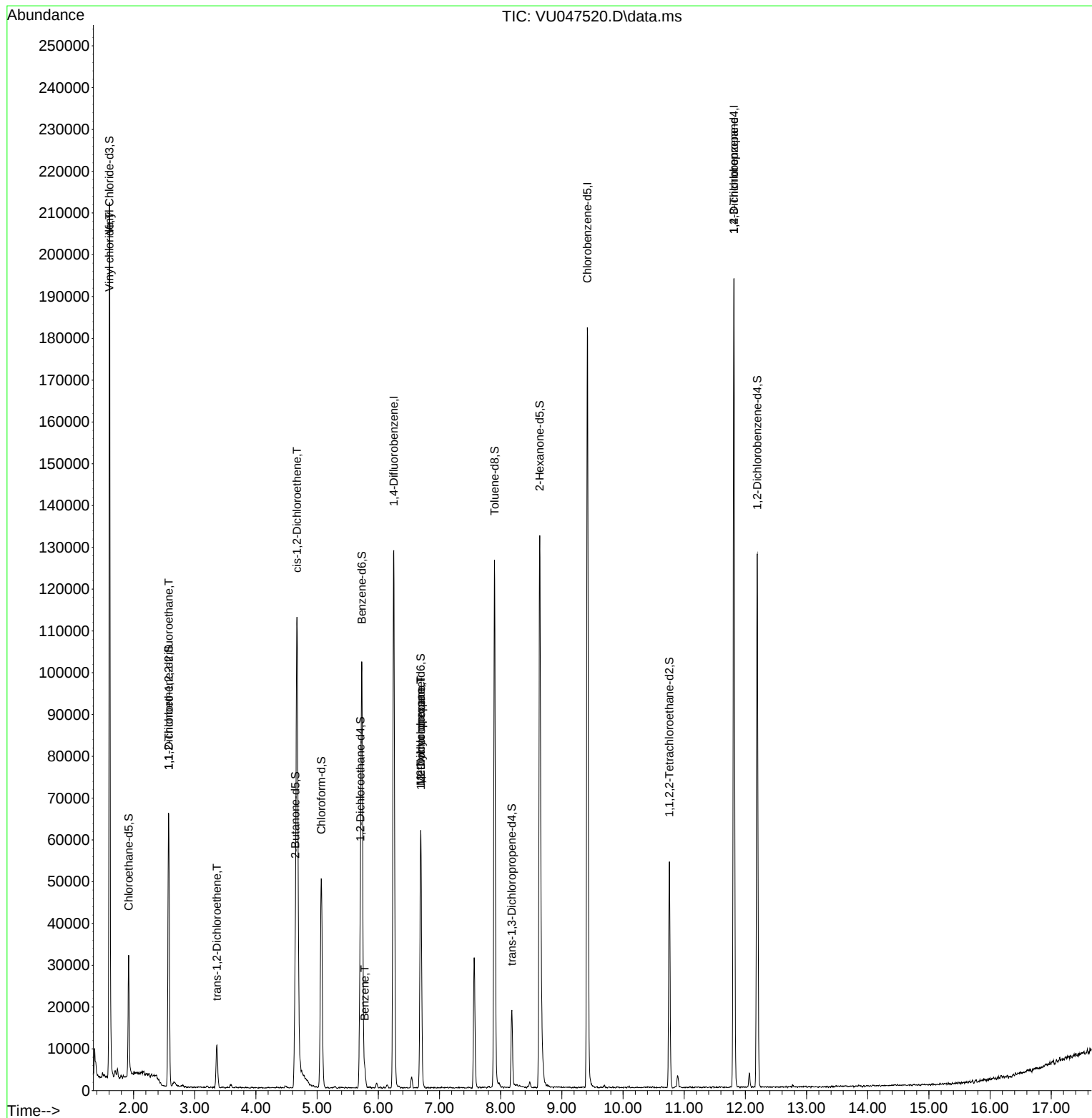
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	109145	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	108184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	55130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27047	4.569	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.919	69	21703	4.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.575	65	12090	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.645	46	56961	54.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	5.070	84	48107	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.706	65	24962	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.732	84	96688	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.693	67	30238	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	87289	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	11609	4.542	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.639	63	52945	47.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	26839	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	36007	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	123972	15.445	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	376	0.058	ug/L #	17
18) trans-1,2-Dichloroethene	3.362	96	4750	0.692	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	52249	6.873	ug/L	96
33) Benzene	5.777	78	4368	0.149	ug/L	100
35) Methylcyclohexane	6.693	83	6990	0.567	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	3269	0.449	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	6119	1.198	ug/L #	66

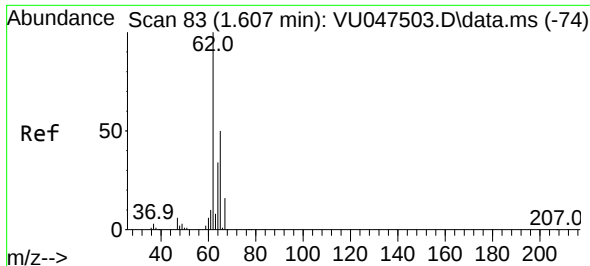
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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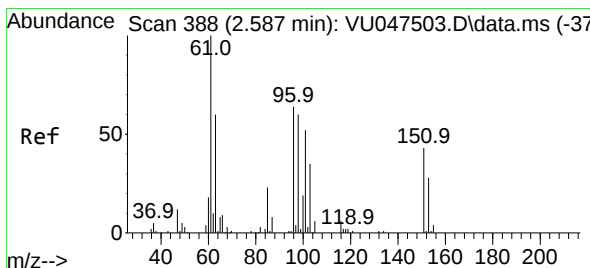
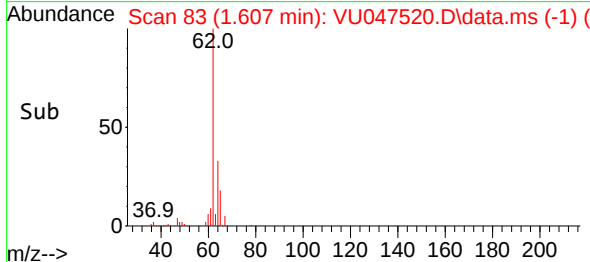
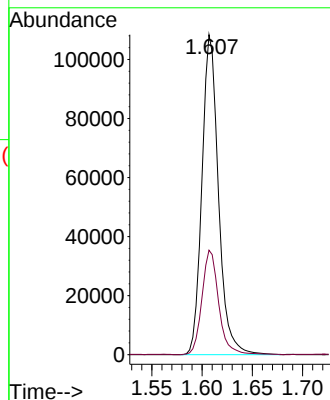
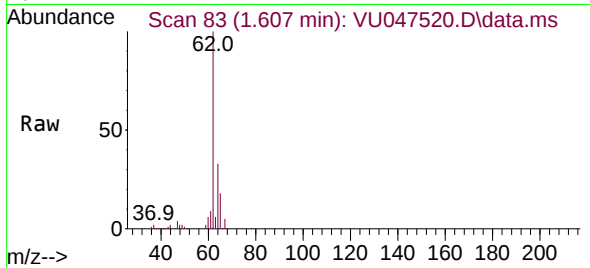




#5
 Vinyl chloride
 Concen: 15.445 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047520.D
 Acq: 12 Mar 2022 02:38

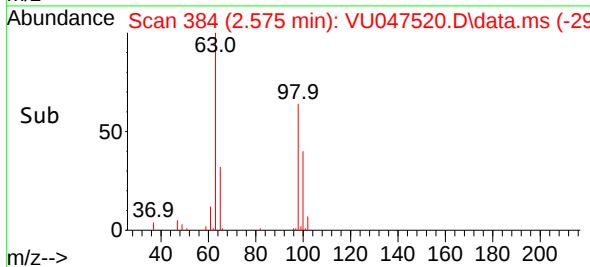
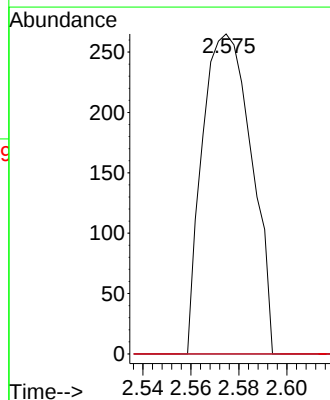
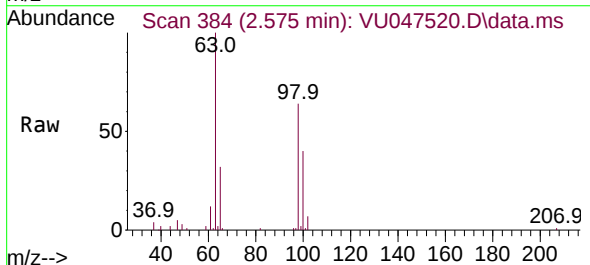
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH2

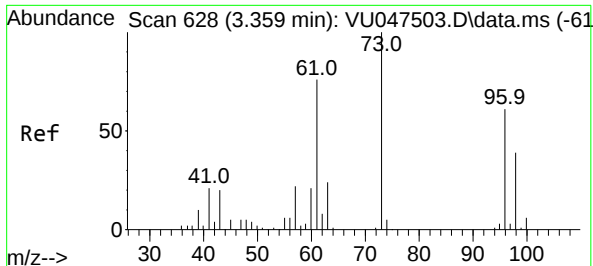
Tgt Ion: 62 Resp: 123972
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.058 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047520.D
 Acq: 12 Mar 2022 02:38

Tgt Ion: 101 Resp: 376
 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: 0.692 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047520.D

Acq: 12 Mar 2022 02:38

Instrument :

MSVOA_U

ClientSampleId :

ETNH2

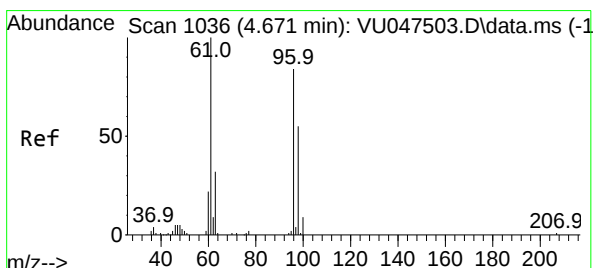
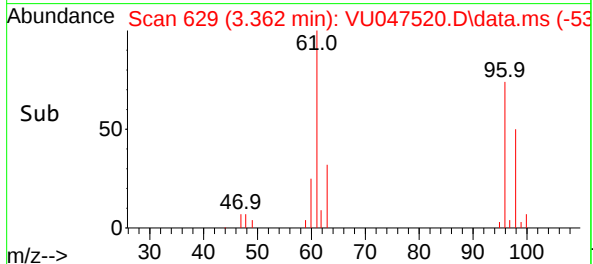
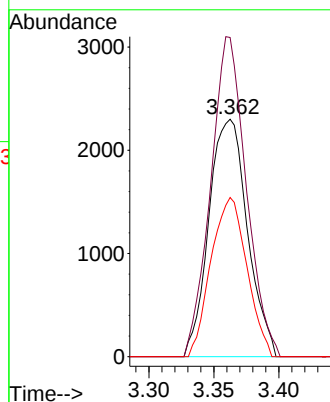
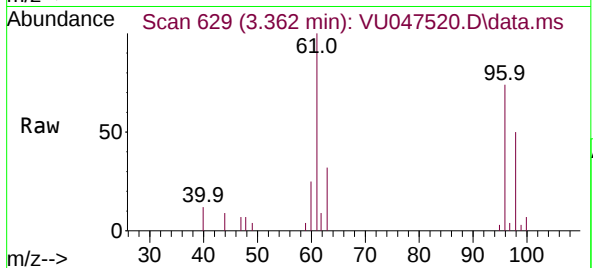
Tgt Ion: 96 Resp: 4750

Ion Ratio Lower Upper

96 100

61 134.4 90.4 167.8

98 67.1 45.0 83.6



#22

cis-1,2-Dichloroethene

Concen: 6.873 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047520.D

Acq: 12 Mar 2022 02:38

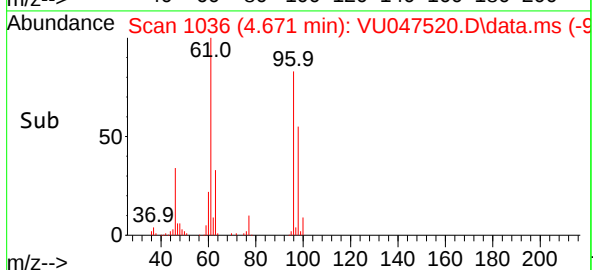
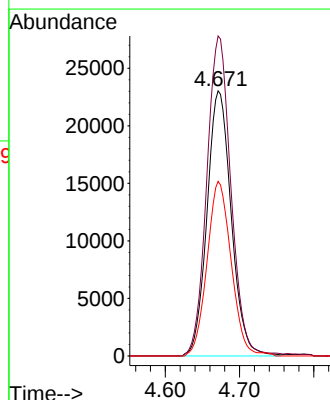
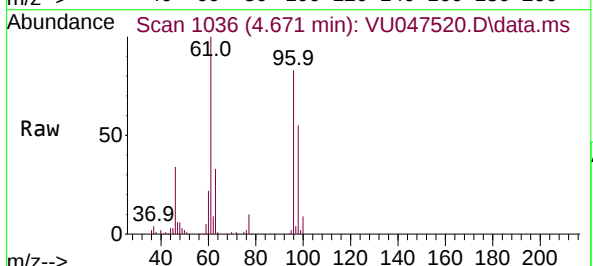
Tgt Ion: 96 Resp: 52249

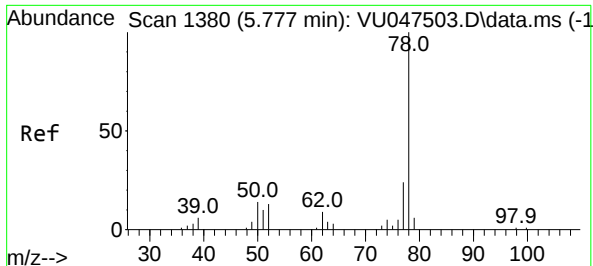
Ion Ratio Lower Upper

96 100

61 120.7 80.8 150.0

98 65.9 44.7 83.1

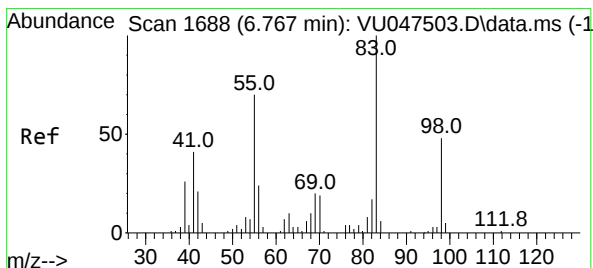
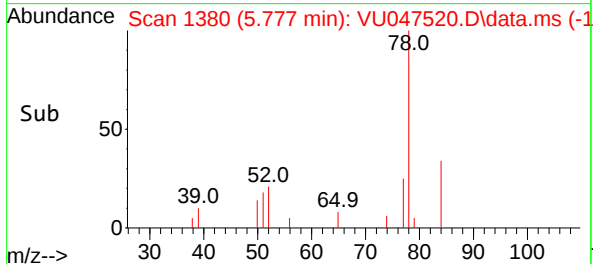
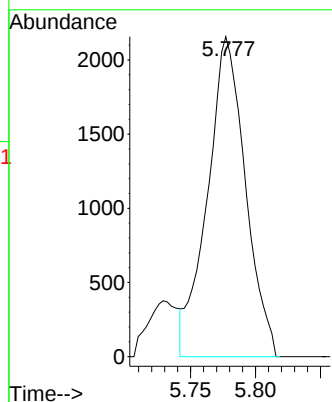
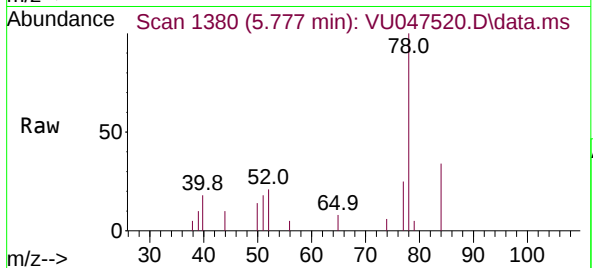




#33
Benzene
Concen: 0.149 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047520.D
Acq: 12 Mar 2022 02:38

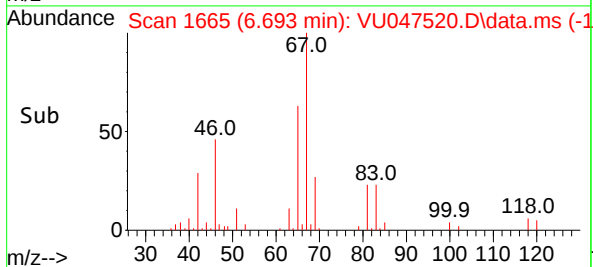
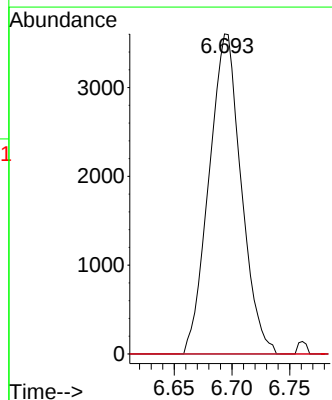
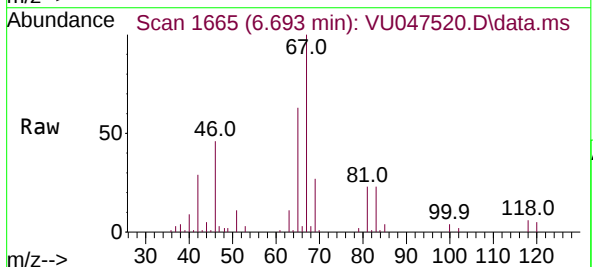
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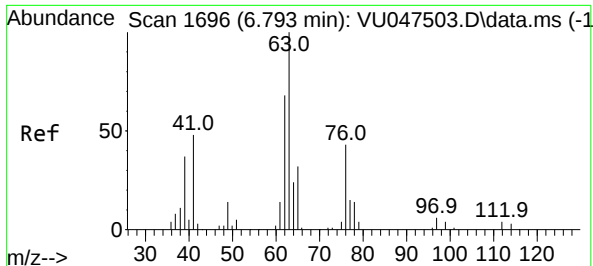
Tgt Ion: 78 Resp: 4368



#35
Methylcyclohexane
Concen: 0.567 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047520.D
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Tgt Ion: 83 Resp: 6990
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#

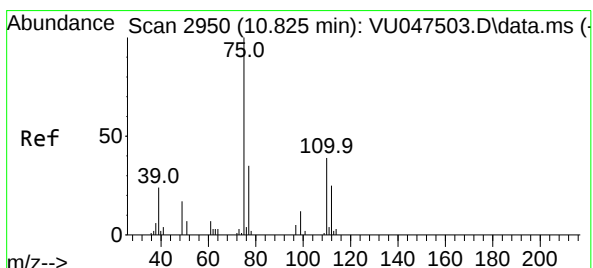
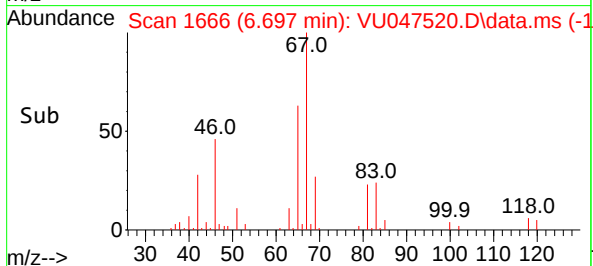
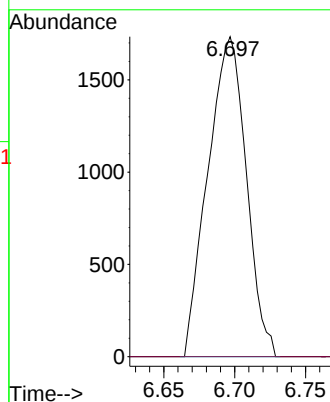
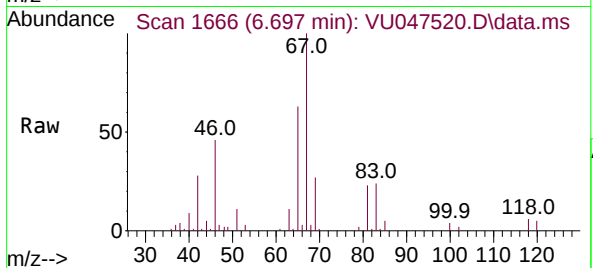




#37
1,2-Dichloropropane
Concen: 0.449 ug/L
RT: 6.697 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU047520.D
Acq: 12 Mar 2022 02:38

Instrument :
MSVOA_U
ClientSampleId :
ETNH2

Tgt Ion: 63 Resp: 3269
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.198 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047520.D
Acq: 12 Mar 2022 02:38

Tgt Ion: 75 Resp: 6119
Ion Ratio Lower Upper
75 100
110 1.1 31.0 46.4#
77 31.7 26.2 39.4

