

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046675.D
 Acq On : 05 Jan 2022 20:14
 Operator : SY/MD
 Sample : N1009-03
 Misc : 5.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLF9

Quant Time: Jan 06 03:05:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	49404	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	50117	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	25253	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	125845	291.908	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	583.820%#
7) Chloroethane-d5	1.919	69	53616	167.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	334.820%#
11) 1,1-Dichloroethene-d2	2.552	63	140740	191.944	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	383.880%#
21) 2-Butanone-d5	4.671	46	168252	533.242	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	533.240%#
24) Chloroform-d	5.067	84	222204	292.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	584.760%#
26) 1,2-Dichloroethane-d4	5.703	65	151351	314.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	628.020%#
32) Benzene-d6	5.726	84	459296	293.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	587.320%#
36) 1,2-Dichloropropane-d6	6.694	67	140634	294.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	589.400%#
41) Toluene-d8	7.899	98	430734	308.061	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	616.120%#
43) trans-1,3-Dichloroprop...	8.186	79	74813	325.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	650.800%#
47) 2-Hexanone-d5	8.687	63	159450	628.941	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	628.940%#
56) 1,1,2,2-Tetrachloroeth...	10.774	84	215112	291.050	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	582.100%#
66) 1,2-Dichlorobenzene-d4	12.201	152	172390	329.905	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	659.800%#

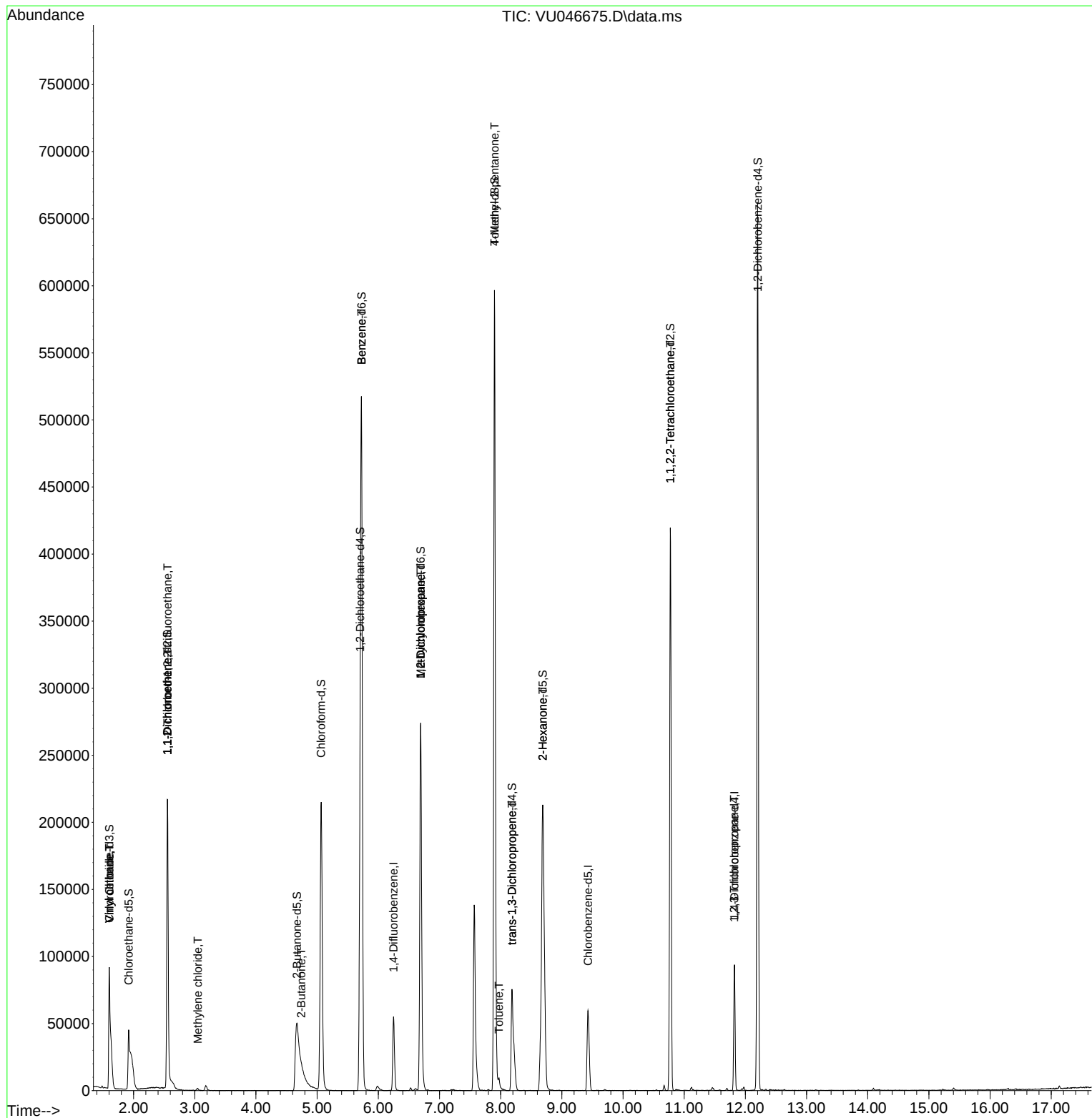
Target Compounds					Qvalue
5) Vinyl chloride	1.604	62	487	1.160 ug/L #	1
8) Chloroethane	1.604	64	1239	4.876 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.556	101	1263	3.634 ug/L #	20
12) 1,1-Dichloroethene	2.556	96	1053	3.218 ug/L #	1
16) Methylene chloride	3.047	84	986	2.446 ug/L	91
22) 2-Butanone	4.742	43	4053	11.839 ug/L	73
33) Benzene	5.726	78	3553	2.383 ug/L	100
35) Methylcyclohexane	6.694	83	35541	58.533 ug/L #	21
37) 1,2-Dichloropropane	6.694	63	16128	42.281 ug/L #	86
40) 4-Methyl-2-pentanone	7.899	43	1637	3.139 ug/L #	1
42) Toluene	7.973	91	6495	4.131 ug/L	96
44) trans-1,3-Dichloropropene	8.186	75	2144	3.765 ug/L	99
48) 2-Hexanone	8.687	43	16773	37.948 ug/L #	58
57) 1,1,2,2-Tetrachloroethane	10.774	83	575	0.844 ug/L #	1
60) 1,2,3-Trichloropropane	11.819	75	2960	5.570 ug/L #	64

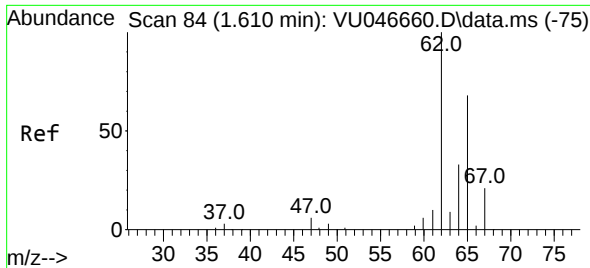
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
Data File : VU046675.D
Acq On : 05 Jan 2022 20:14
Operator : SY/MD
Sample : N1009-03
Misc : 5.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGLF9

Quant Time: Jan 06 03:05:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 06 02:54:34 2022
Response via : Initial Calibration

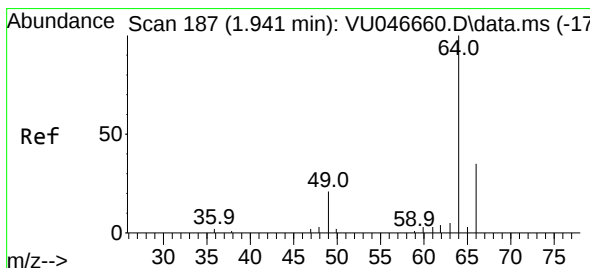
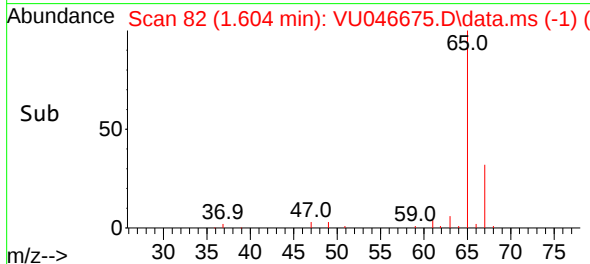
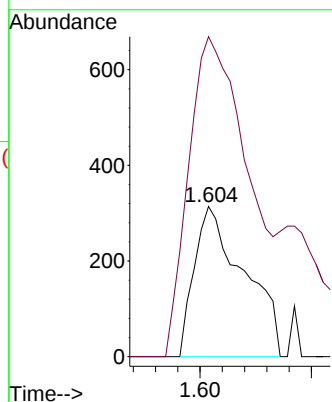
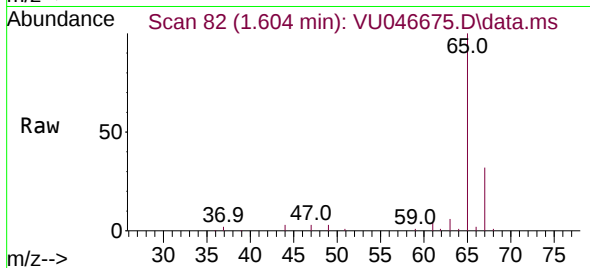




#5
 Vinyl chloride
 Concen: 1.160 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VU046675.D
 Acq: 05 Jan 2022 20:14

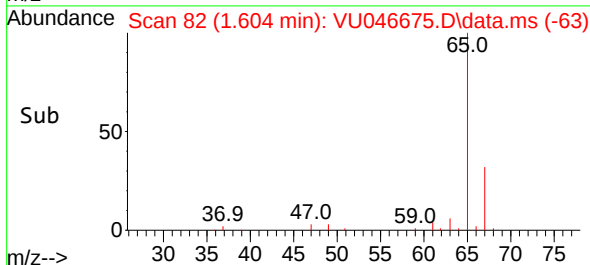
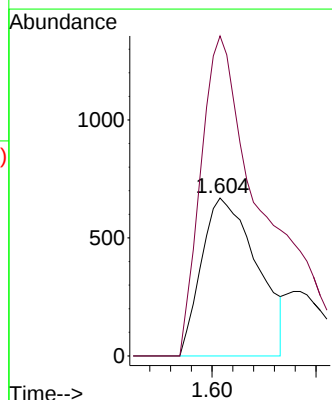
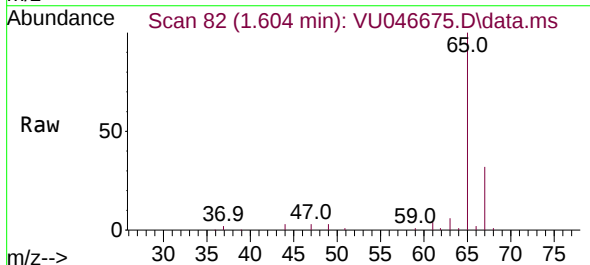
Instrument :
 MSVOA_U
 ClientSampleId :
 BGLF9

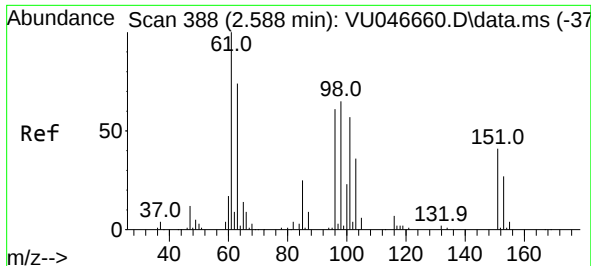
Tgt Ion: 62 Resp: 487
 Ion Ratio Lower Upper
 62 100
 64 213.1 23.1 42.9#



#8
 Chloroethane
 Concen: 4.876 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.338 min
 Lab File: VU046675.D
 Acq: 05 Jan 2022 20:14

Tgt Ion: 64 Resp: 1239
 Ion Ratio Lower Upper
 64 100
 66 202.7 24.4 45.2#





#10

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

Concen: 3.634 ug/L

RT: 2.556 min Scan# 378

Delta R.T. -0.032 min

Lab File: VU046675.D

Acq: 05 Jan 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

BGLF9

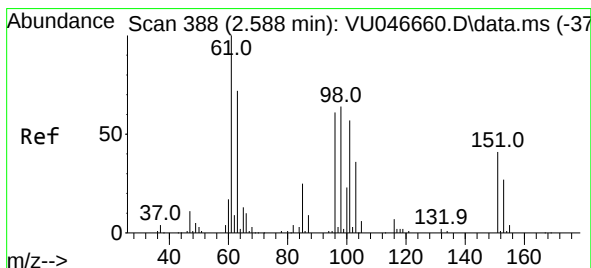
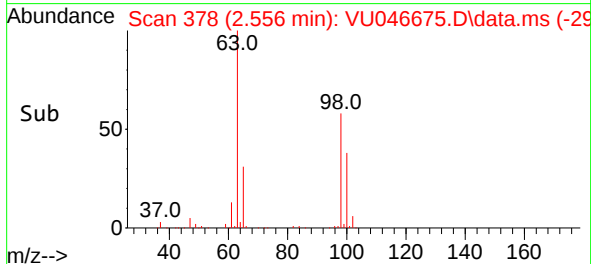
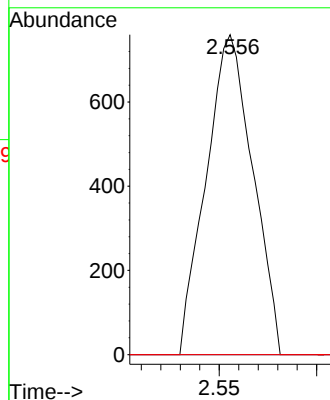
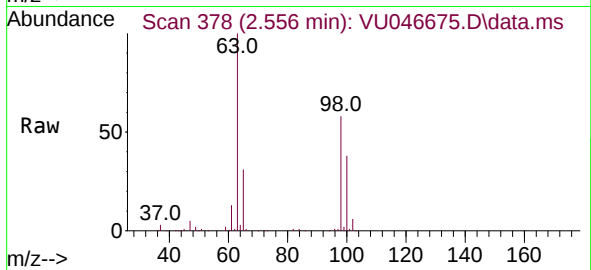
Tgt Ion:101 Resp: 1263

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 58.3 87.5#



#12

1,1-Dichloroethene

Concen: 3.218 ug/L

RT: 2.556 min Scan# 378

Delta R.T. -0.032 min

Lab File: VU046675.D

Acq: 05 Jan 2022 20:14

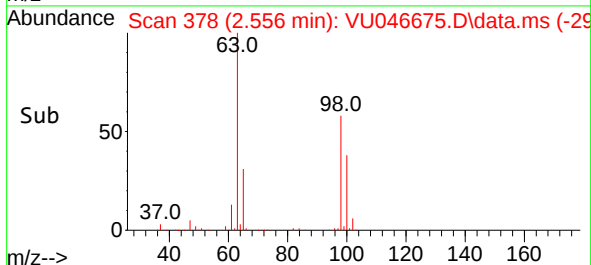
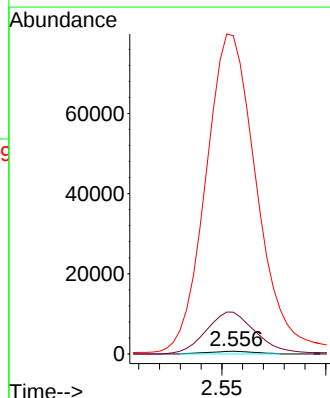
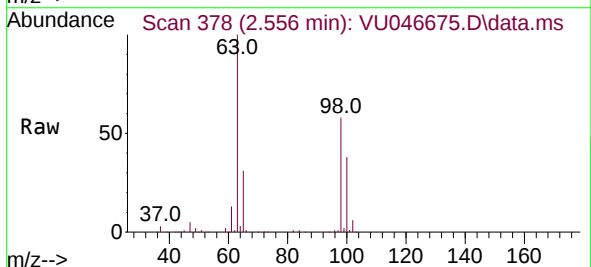
Tgt Ion: 96 Resp: 1053

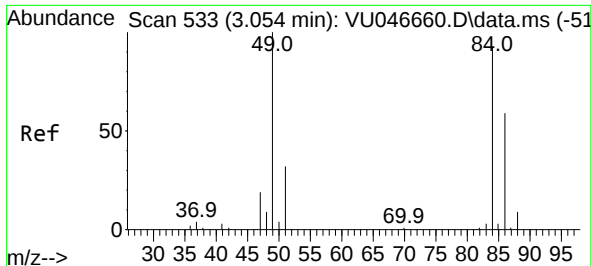
Ion Ratio Lower Upper

96 100

61 1574.2 114.9 213.3#

63 11990.3 86.0 159.8#

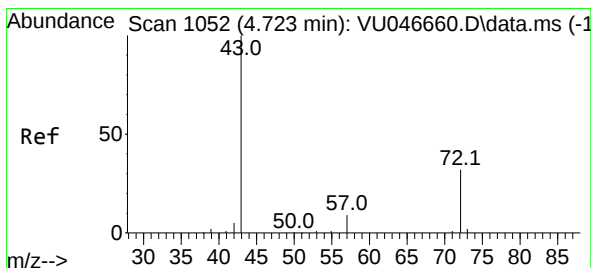
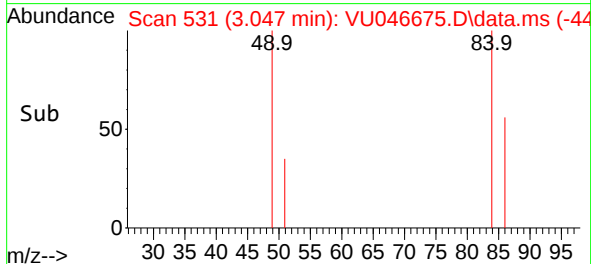
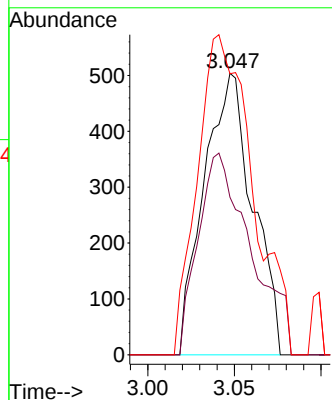
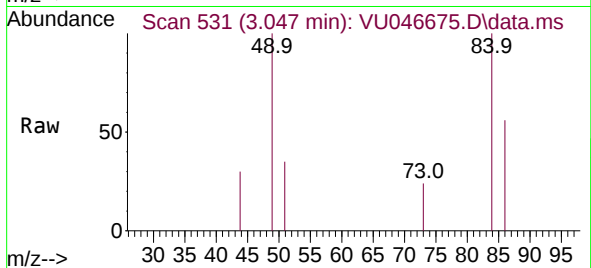




#16
Methylene chloride
Concen: 2.446 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU046675.D
Acq: 05 Jan 2022 20:14

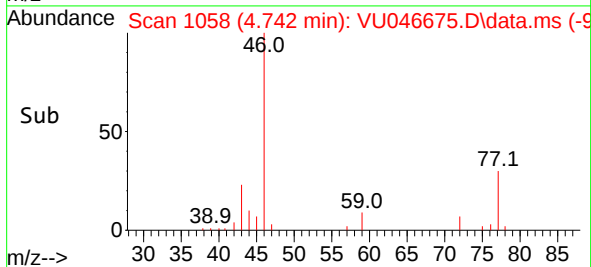
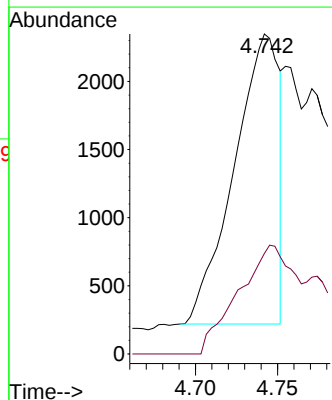
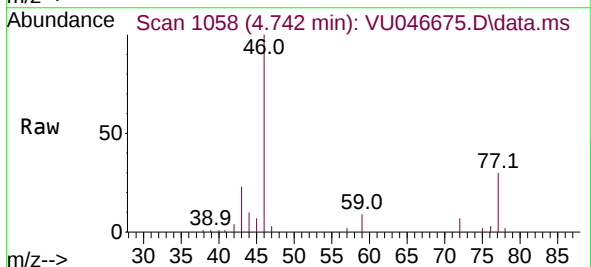
Instrument :
MSVOA_U
ClientSampleId :
BGLF9

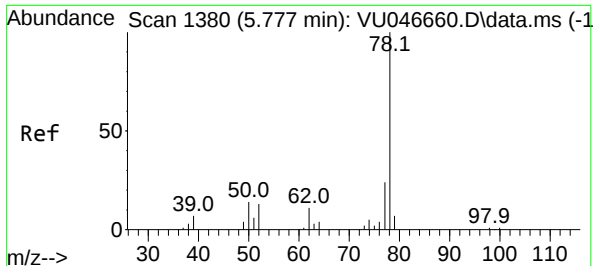
Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
86 56.0 44.7 82.9
49 99.8 75.9 141.1



#22
2-Butanone
Concen: 11.839 ug/L
RT: 4.742 min Scan# 1058
Delta R.T. 0.019 min
Lab File: VU046675.D
Acq: 05 Jan 2022 20:14

Tgt Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
72 46.1 15.6 46.8

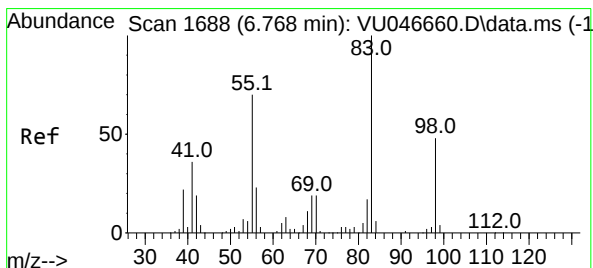
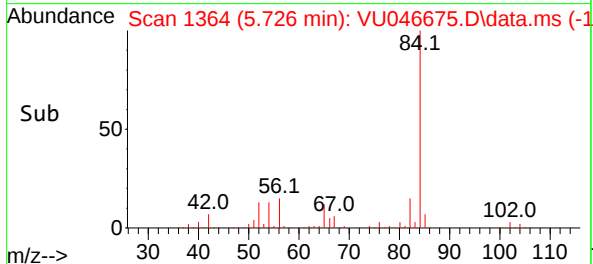
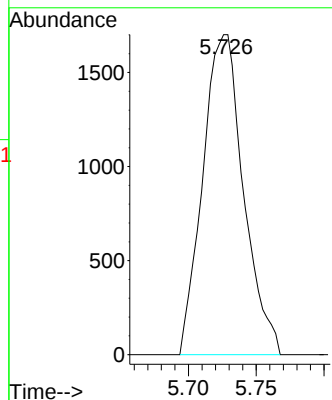
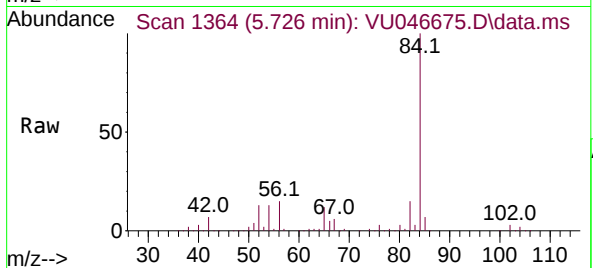




#33
Benzene
Concen: 2.383 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.051 min
Lab File: VU046675.D
Acq: 05 Jan 2022 20:14

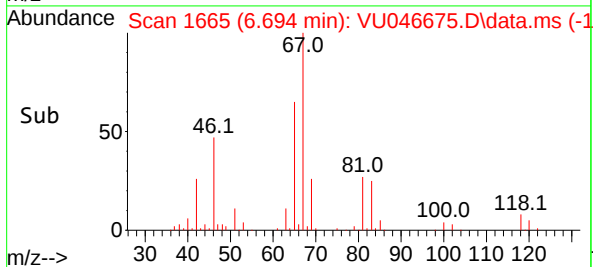
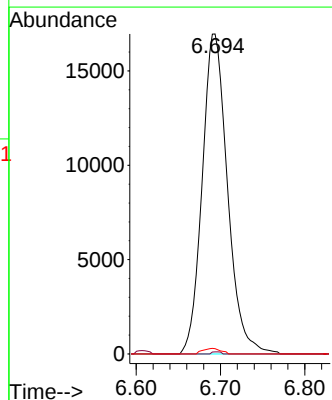
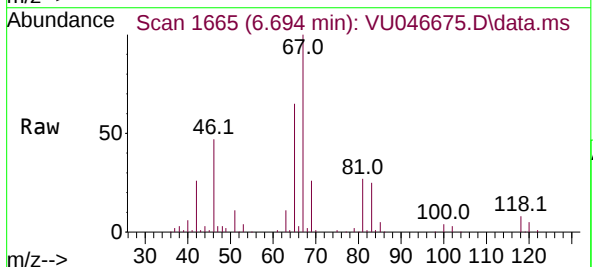
Instrument :
MSVOA_U
ClientSampleId :
BGLF9

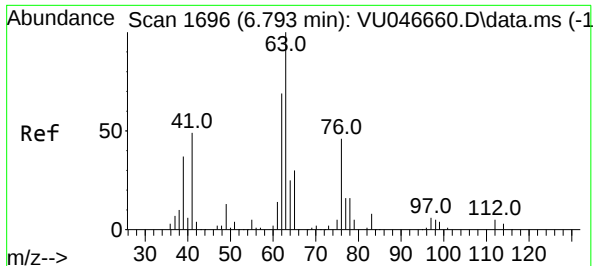
Tgt Ion: 78 Resp: 3553



#35
Methylcyclohexane
Concen: 58.533 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046675.D
Acq: 05 Jan 2022 20:14

Tgt Ion: 83 Resp: 35541
Ion Ratio Lower Upper
83 100
55 0.5 56.6 85.0#
98 1.2 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 42.281 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046675.D

Acq: 05 Jan 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

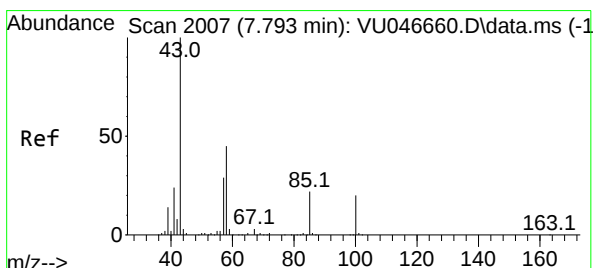
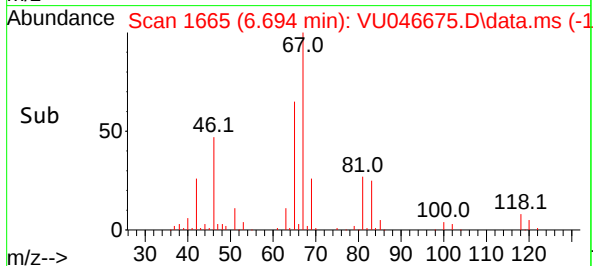
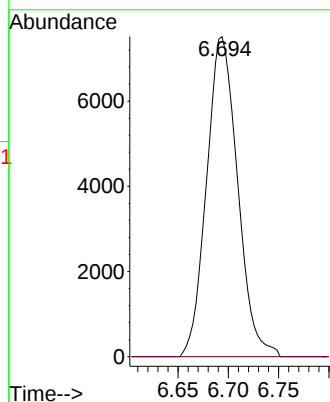
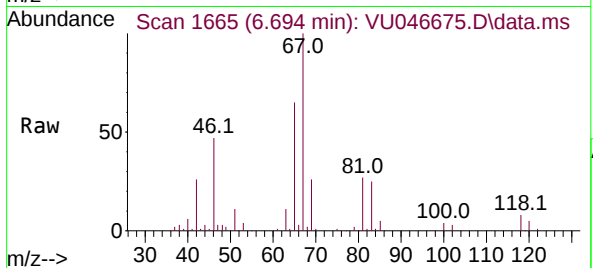
BGLF9

Tgt Ion: 63 Resp: 16128

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#40

4-Methyl-2-pentanone

Concen: 3.139 ug/L

RT: 7.899 min Scan# 2040

Delta R.T. 0.106 min

Lab File: VU046675.D

Acq: 05 Jan 2022 20:14

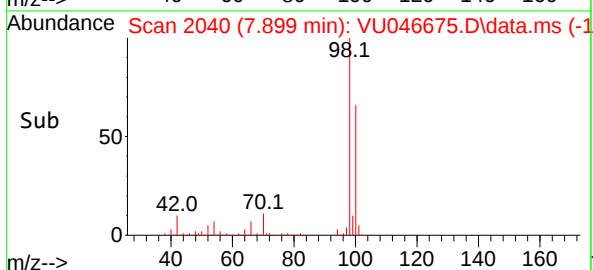
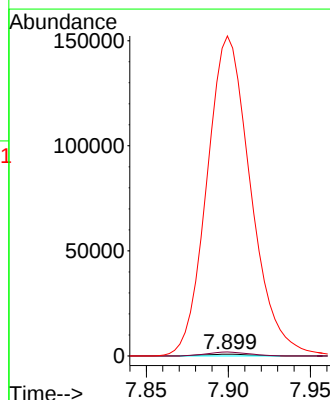
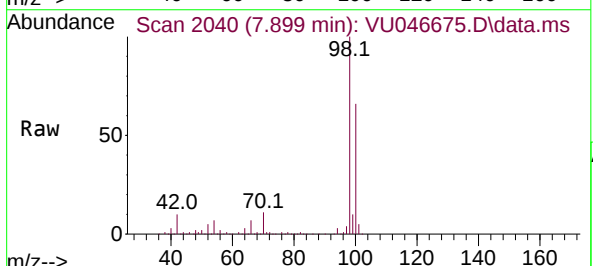
Tgt Ion: 43 Resp: 1637

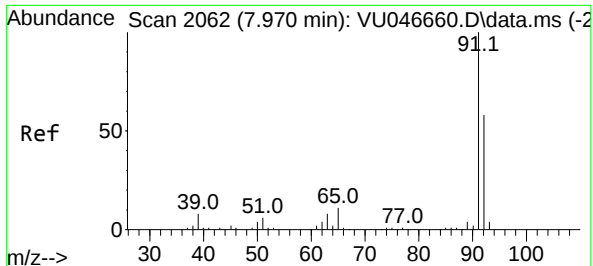
Ion Ratio Lower Upper

43 100

58 201.9 35.8 53.8#

100 17348.5 15.7 23.5#





#42

Toluene

Concen: 4.131 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046675.D

Acq: 05 Jan 2022 20:14

Instrument :

MSVOA_U

ClientSampleId :

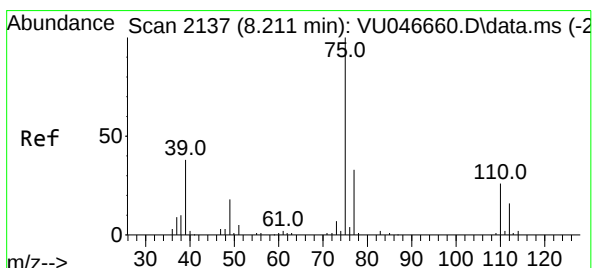
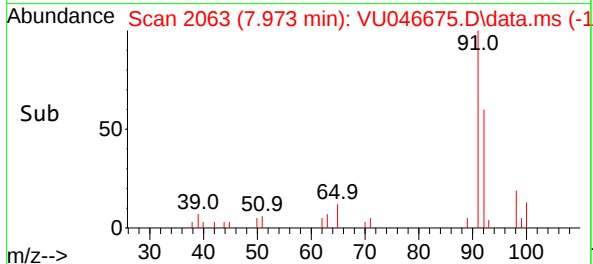
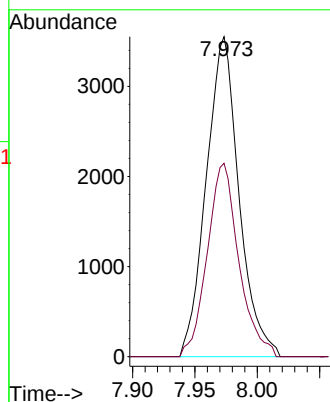
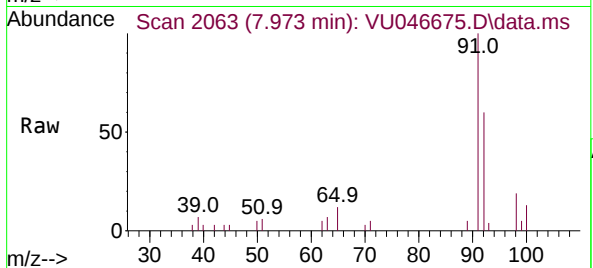
BGLF9

Tgt Ion: 91 Resp: 6495

Ion Ratio Lower Upper

91 100

92 60.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 3.765 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU046675.D

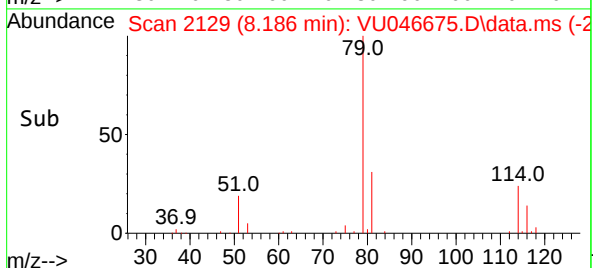
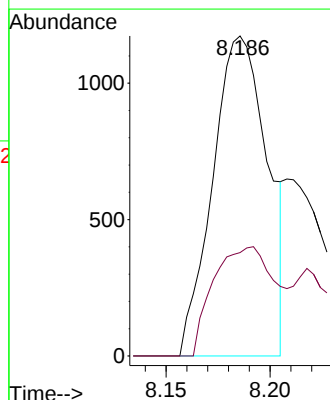
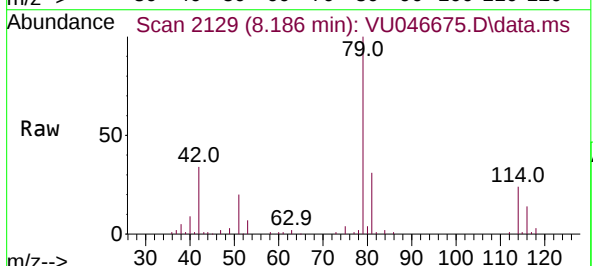
Acq: 05 Jan 2022 20:14

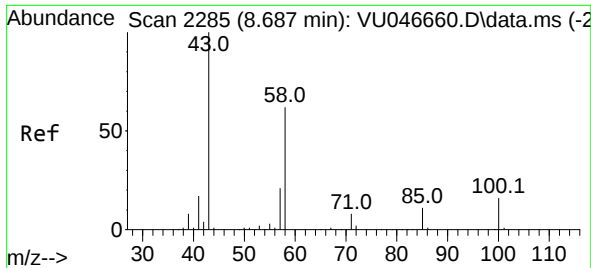
Tgt Ion: 75 Resp: 2144

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.8

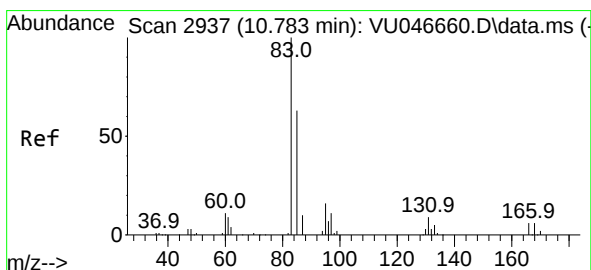
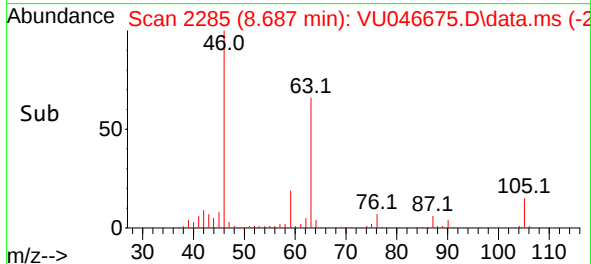
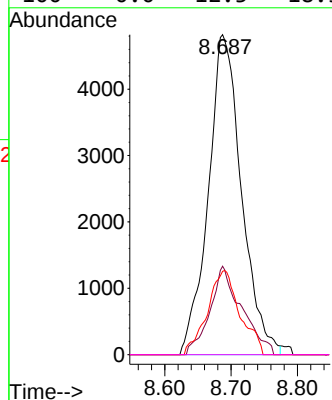
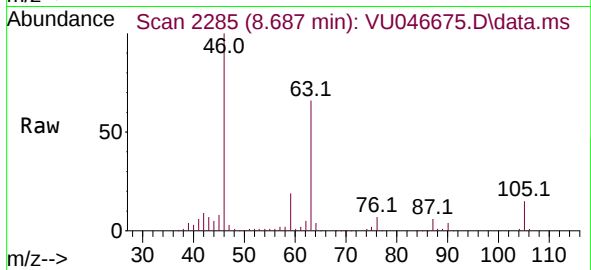




#48
2-Hexanone
Concen: 37.948 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046675.D
Acq: 05 Jan 2022 20:14

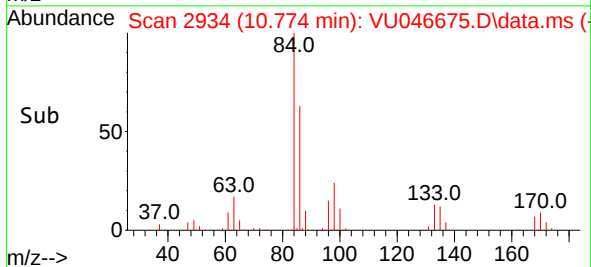
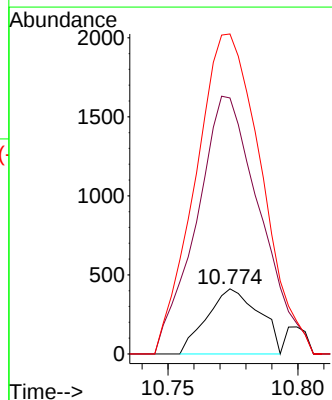
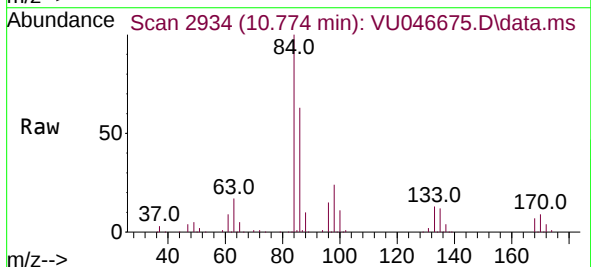
Instrument :
MSVOA_U
ClientSampleId :
BGLF9

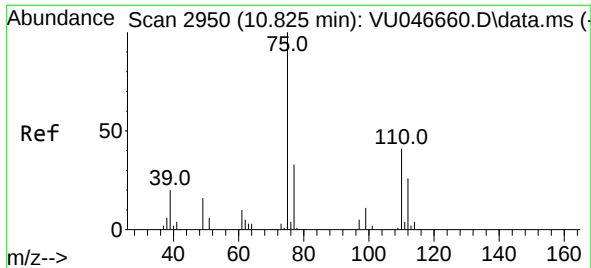
Tgt Ion:	43	Resp:	16773
Ion	Ratio	Lower	Upper
43	100		
58	19.1	49.4	74.2#
57	25.7	17.5	26.3
100	0.0	12.3	18.5#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.844 ug/L
RT: 10.774 min Scan# 2934
Delta R.T. -0.010 min
Lab File: VU046675.D
Acq: 05 Jan 2022 20:14

Tgt Ion:	83	Resp:	575
Ion	Ratio	Lower	Upper
83	100		
85	393.0	44.7	83.1#
131	491.3	7.8	11.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.570 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU046675.D
 Acq: 05 Jan 2022 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLF9

Tgt Ion: 75 Resp: 2960
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2
 110 0.0 32.5 48.7#

