

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113021\
 Data File : VU046030.D
 Acq On : 30 Nov 2021 16:57
 Operator : SY/MD
 Sample : M4833-24ME
 Misc : 5.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 01 00:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 01 00:33:27 2021
 Response via : Initial Calibration

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

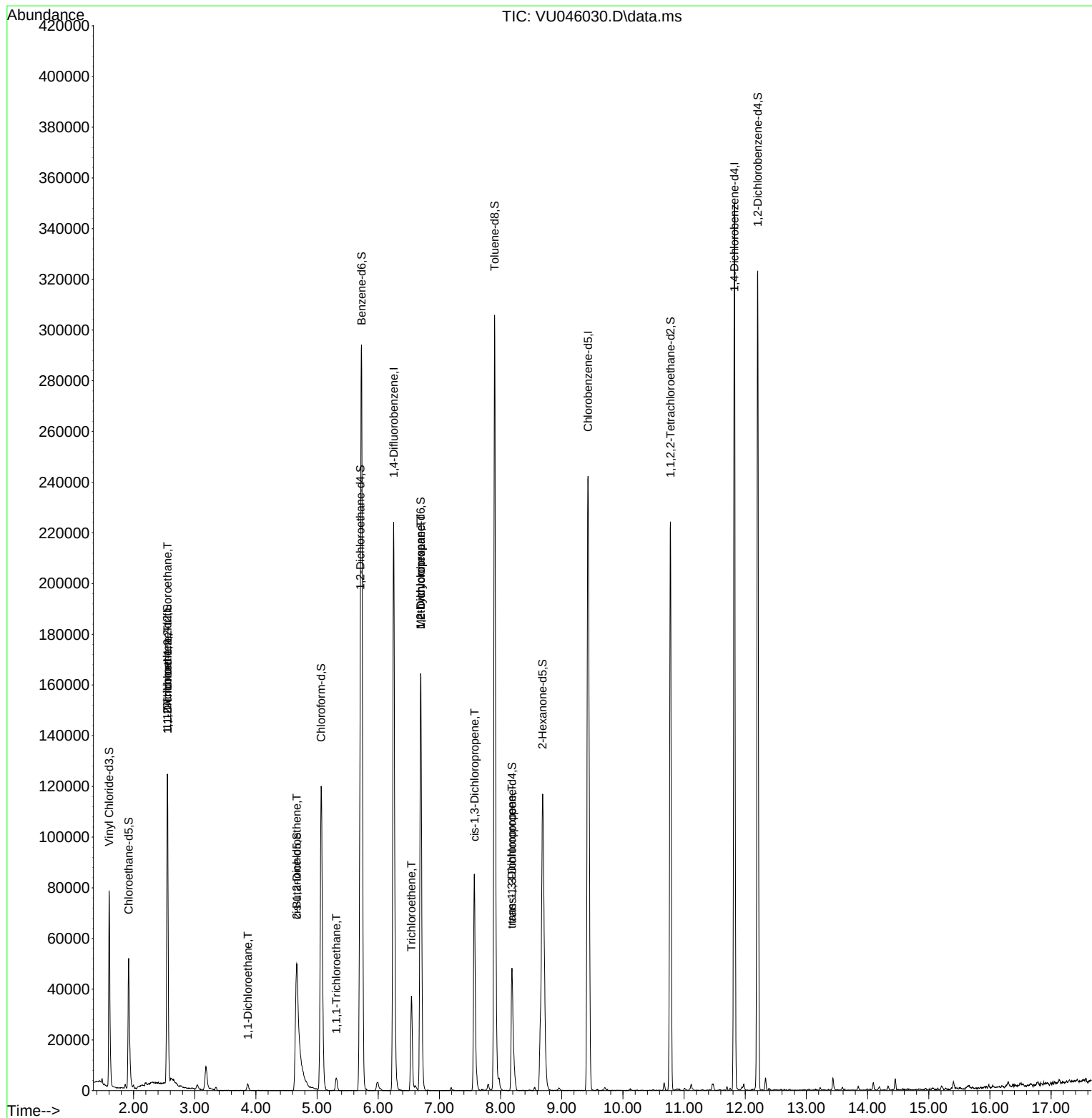
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199439	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	193797	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	91561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66568	40.519	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.040%
7) Chloroethane-d5	1.919	69	51047	40.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.940%
11) 1,1-Dichloroethene-d2	2.552	63	74064	25.113	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.220%#
21) 2-Butanone-d5	4.668	46	117517	89.982	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.980%
24) Chloroform-d	5.066	84	117219	42.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.460%
26) 1,2-Dichloroethane-d4	5.706	65	87747	47.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
32) Benzene-d6	5.729	84	262615	47.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	6.693	67	83362	48.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.860%
41) Toluene-d8	7.902	98	227322	44.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
43) trans-1,3-Dichloroprop...	8.185	79	39481	47.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.020%
47) 2-Hexanone-d5	8.687	63	80512	98.642	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.640%
56) 1,1,2,2-Tetrachloroeth...	10.777	84	117246	44.911	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.820%
66) 1,2-Dichlorobenzene-d4	12.204	152	83629	47.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	595	0.410	ug/L #	21
12) 1,1-Dichloroethene	2.555	96	485	0.352	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	3477	1.310	ug/L	93
20) cis-1,2-Dichloroethene	4.668	96	7724	4.878	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	4112	1.729	ug/L	99
34) Trichloroethene	6.542	95	11857	7.673	ug/L	98
35) Methylcyclohexane	6.693	83	19640	8.197	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	9077	5.908	ug/L #	86
39) cis-1,3-Dichloropropene	7.574	75	2318	0.992	ug/L #	77
44) trans-1,3-Dichloropropene	8.182	75	1691	0.737	ug/L	98

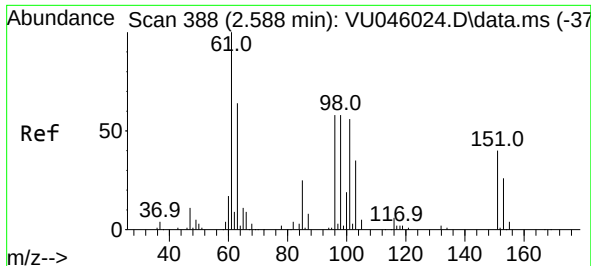
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113021\
Data File : VU046030.D
Acq On : 30 Nov 2021 16:57
Operator : SY/MD
Sample : M4833-24ME
Misc : 5.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 01 00:35:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 01 00:33:27 2021
Response via : Initial Calibration





#10

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

Concen: 0.410 ug/L

RT: 2.555 min Scan# 31

Delta R.T. -0.032 min

Lab File: VU046030.D

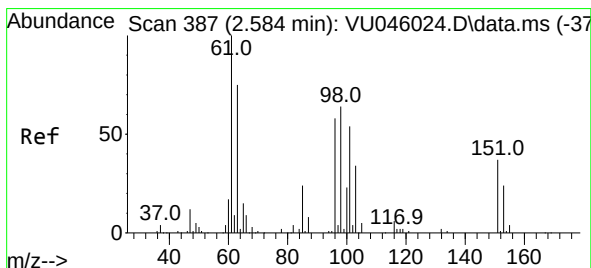
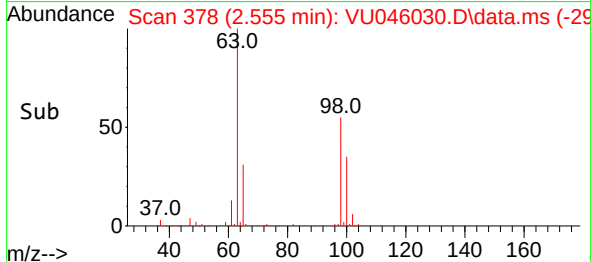
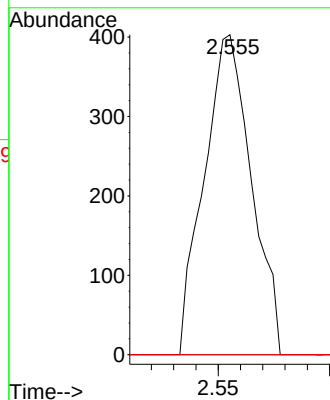
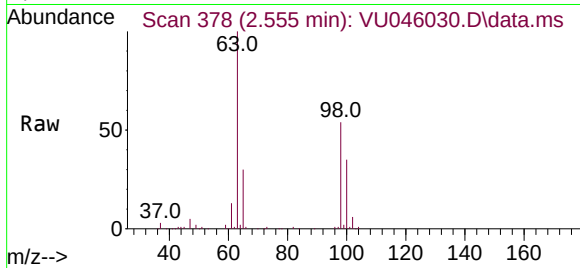
Acq: 30 Nov 2021 16:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	595
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.352 ug/L

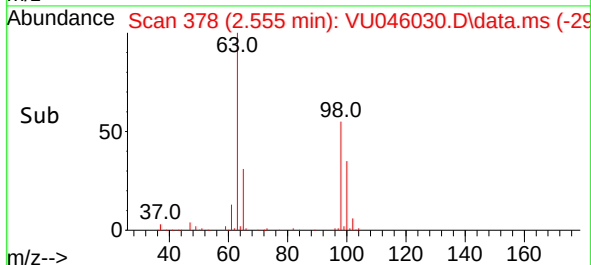
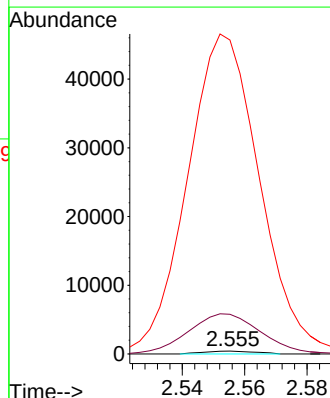
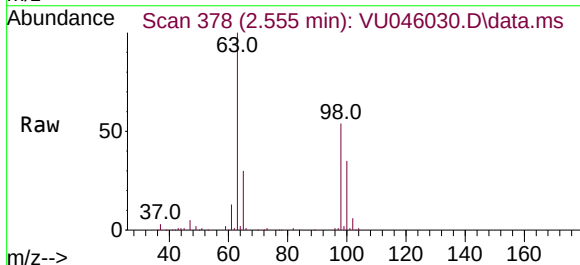
RT: 2.555 min Scan# 378

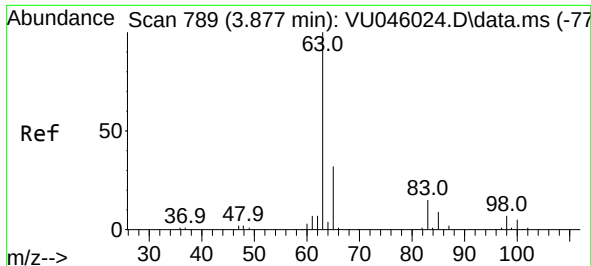
Delta R.T. -0.029 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Tgt Ion:	96	Resp:	485
Ion	Ratio	Lower	Upper
96	100		
61	1411.0	118.6	220.2#
63	11168.7	93.0	172.8#





#19

1,1-Dichloroethane

Concen: 1.310 ug/L

RT: 3.867 min Scan# 789

Delta R.T. -0.010 min MSVOA_U

Lab File: VU046030.D

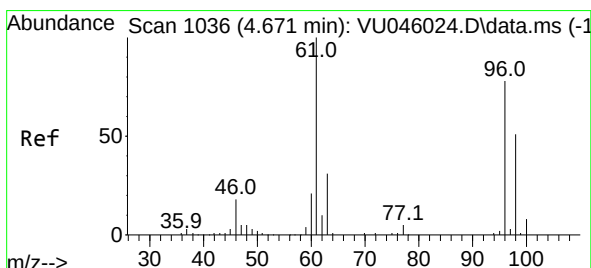
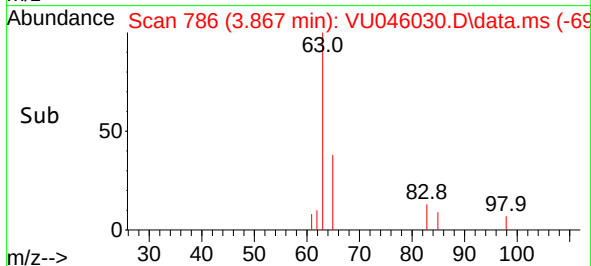
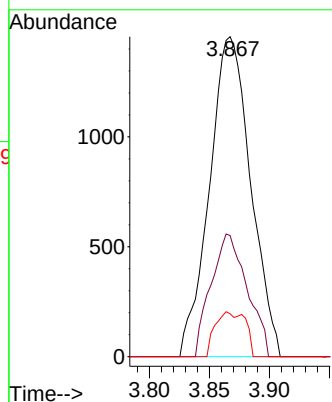
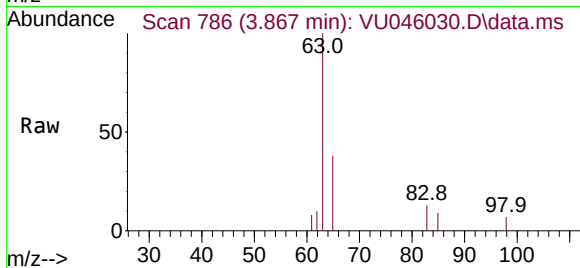
Acq: 30 Nov 2021 16:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3477
Ion Ratio	Lower Upper
63 100	
65 37.8	22.8 42.4
83 13.4	9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.878 ug/L

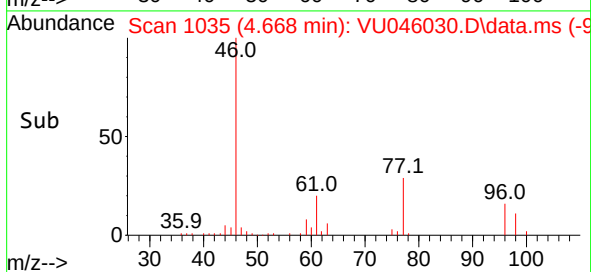
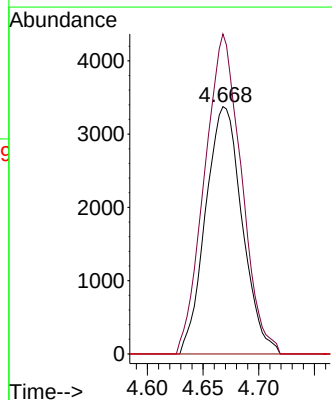
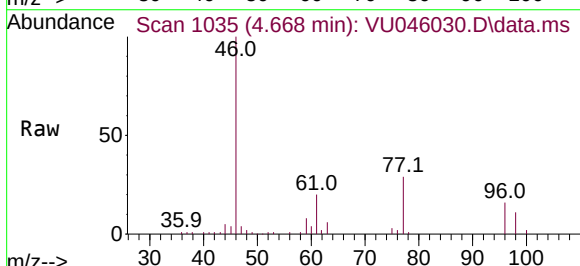
RT: 4.668 min Scan# 1035

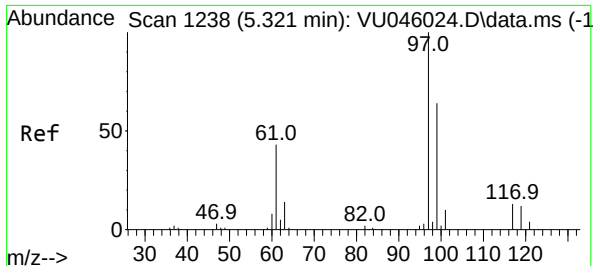
Delta R.T. -0.003 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Tgt Ion: 96	Resp: 7724		
Ion Ratio	Lower	Upper	
96	100		
61	129.4	86.8	161.2
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 1.729 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Instrument :

MSVOA_U

ClientSampleId :

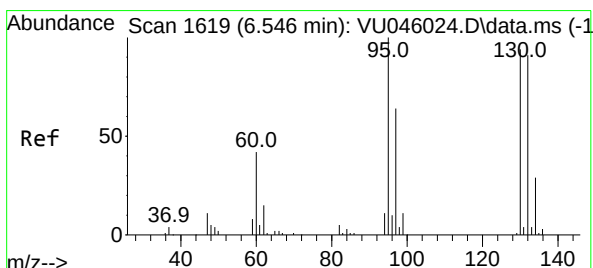
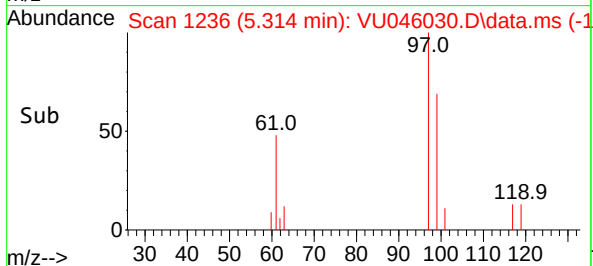
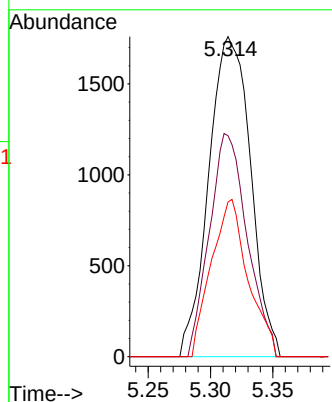
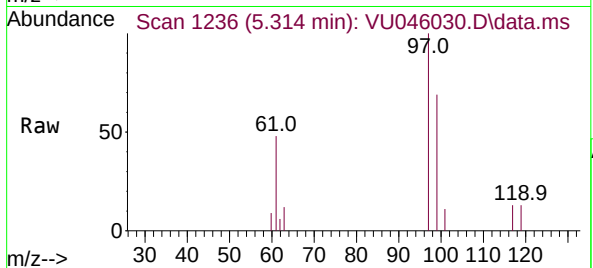
Tgt Ion: 97 Resp: 4112

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.6

61 43.3 34.4 51.6



#34

Trichloroethene

Concen: 7.673 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Tgt Ion: 95 Resp: 11857

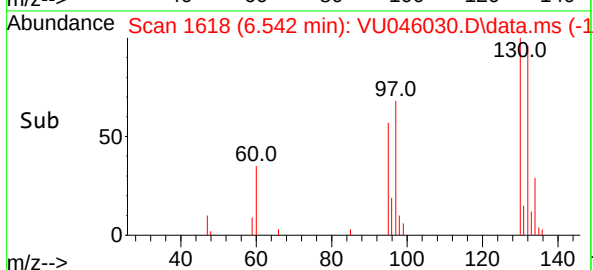
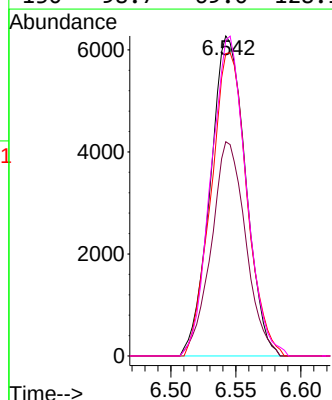
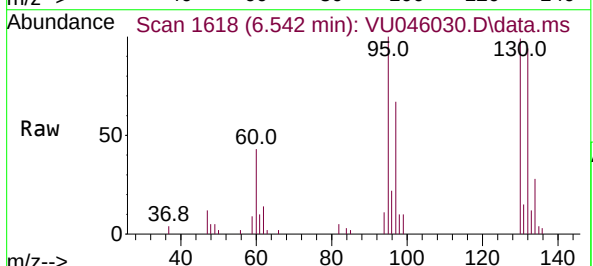
Ion Ratio Lower Upper

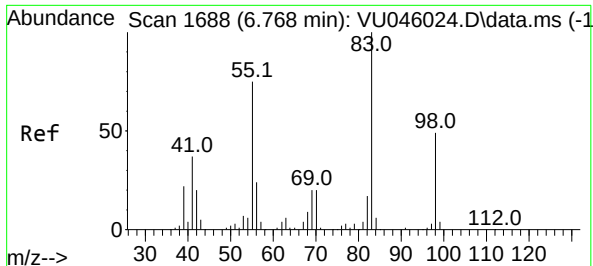
95 100

97 67.0 44.1 81.9

132 94.5 66.8 124.0

130 98.7 69.0 128.1

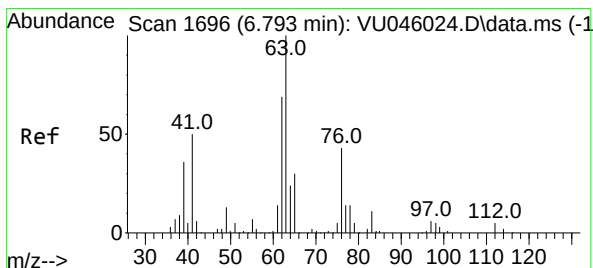
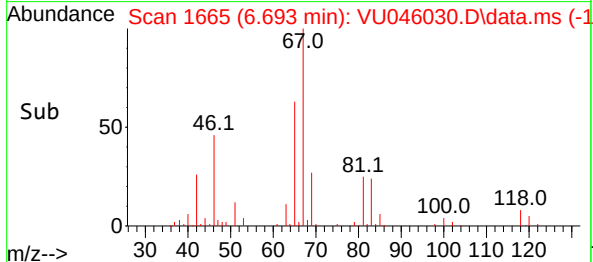
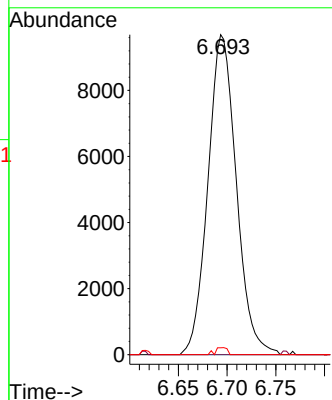
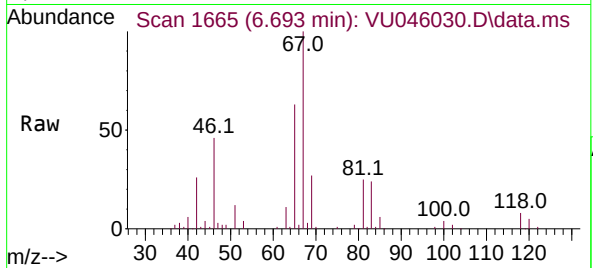




#35
Methylcyclohexane
Concen: 8.197 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046030.D
Acq: 30 Nov 2021 16:57

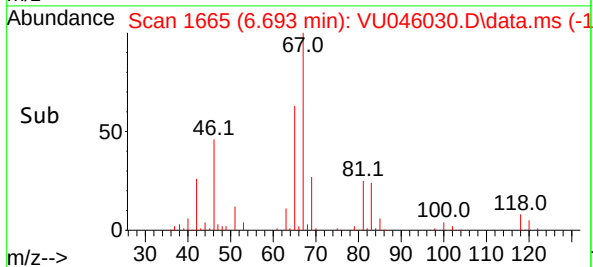
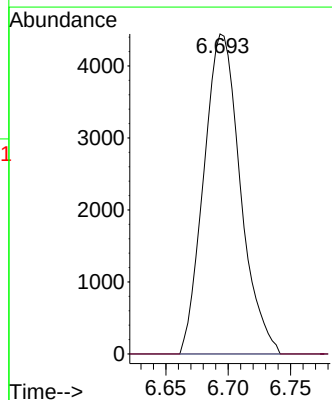
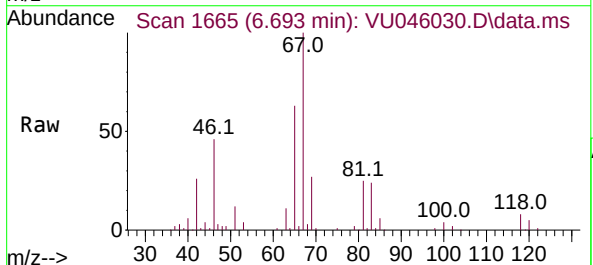
Instrument :
MSVOA_U
ClientSampleId :

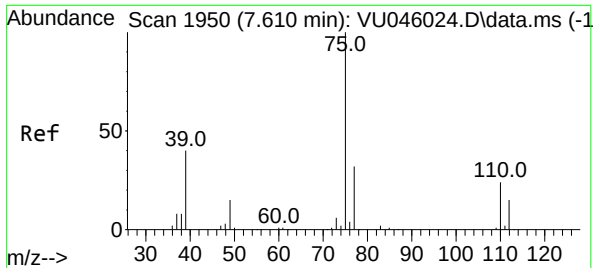
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.6#
98	0.4	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.908 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046030.D
Acq: 30 Nov 2021 16:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.992 ug/L

RT: 7.574 min Scan# 1950

Delta R.T. -0.036 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Instrument :

MSVOA_U

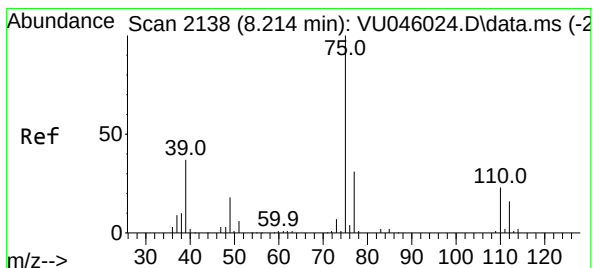
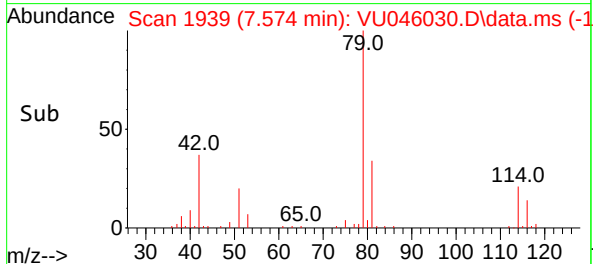
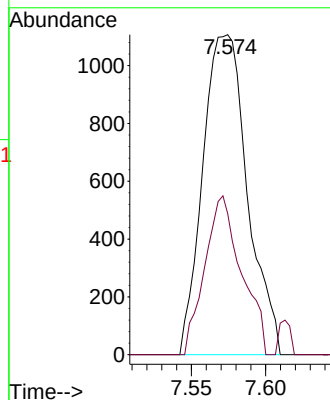
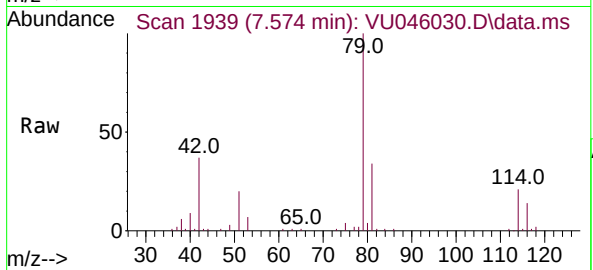
ClientSampleId :

Tgt Ion: 75 Resp: 2318

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.737 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Tgt Ion: 75 Resp: 1691

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

