

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046446.D
 Acq On : 17 Dec 2021 01:33
 Operator : SY/MD
 Sample : M5101-15ME 20X
 Misc : 6.30g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

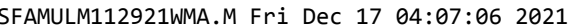
Quant Time: Dec 17 04:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

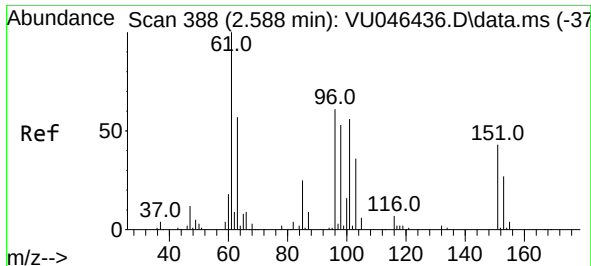
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	138192	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	141537	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	70668	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	48131	42.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.560%
7) Chloroethane-d5	1.919	69	36500	41.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.520%
11) 1,1-Dichloroethene-d2	2.572	63	65617	32.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.220%
21) 2-Butanone-d5	4.636	46	74247	82.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.050%
24) Chloroform-d	5.067	84	90303	47.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.704	65	61575	48.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	5.729	84	178269	43.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
36) 1,2-Dichloropropane-d6	6.694	67	56392	44.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.700%
41) Toluene-d8	7.900	98	154265	41.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.540%
43) trans-1,3-Dichloroprop...	8.183	79	24999	41.190	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.380%
47) 2-Hexanone-d5	8.636	63	55229	92.650	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83240	43.658	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	61078	44.879	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.760%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	575	0.572	ug/L #	21
12) 1,1-Dichloroethene	2.569	96	385	0.403	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	952	0.628	ug/L #	73
35) Methylcyclohexane	6.691	83	13861	7.921	ug/L #	20
37) 1,2-Dichloropropane	6.691	63	6379	5.685	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1520	0.890	ug/L #	51
44) trans-1,3-Dichloropropene	8.183	75	1098	0.655	ug/L	86
60) 1,2,3-Trichloropropane	11.813	75	8525	5.503	ug/L #	65

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

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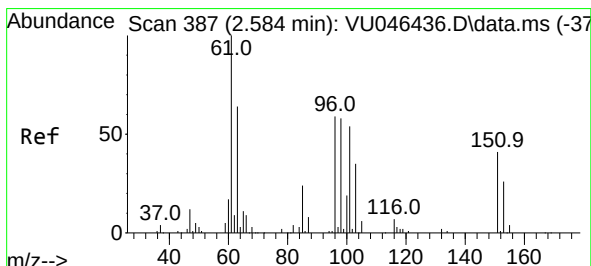
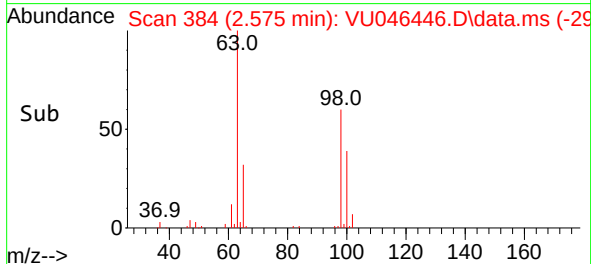
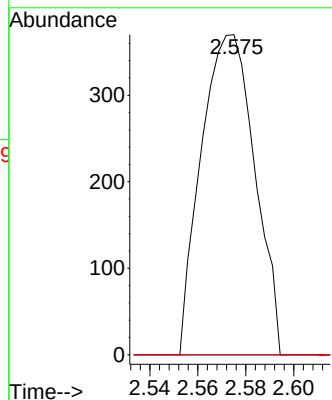
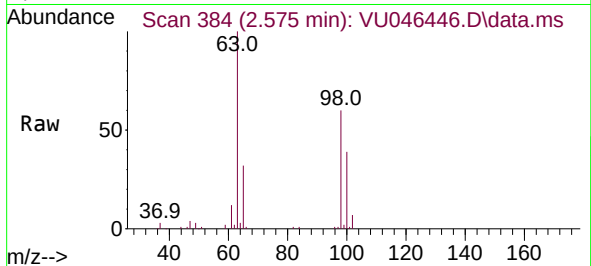




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.572 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046446.D
Acq: 17 Dec 2021 01:33

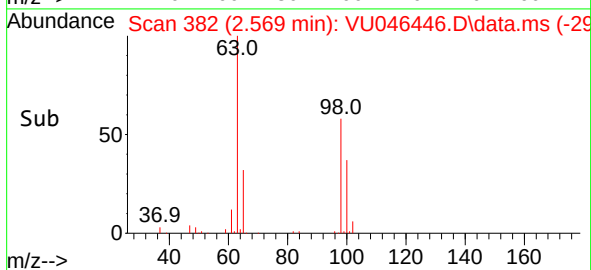
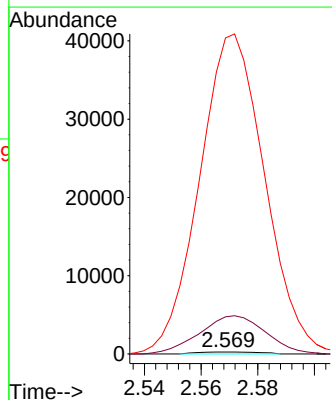
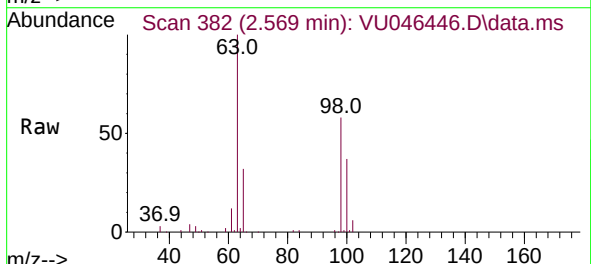
Instrument :
MSVOA_U
ClientSampleId :

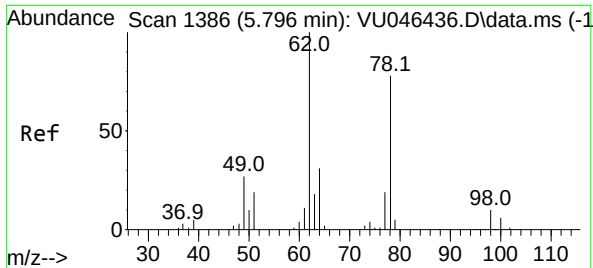
Tgt Ion:101 Resp: 575
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.403 ug/L
RT: 2.569 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046446.D
Acq: 17 Dec 2021 01:33

Tgt Ion: 96 Resp: 385
Ion Ratio Lower Upper
96 100
61 1881.7 118.6 220.2#
63 16025.4 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.628 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU046446.D

Acq: 17 Dec 2021 01:33

Instrument :

MSVOA_U

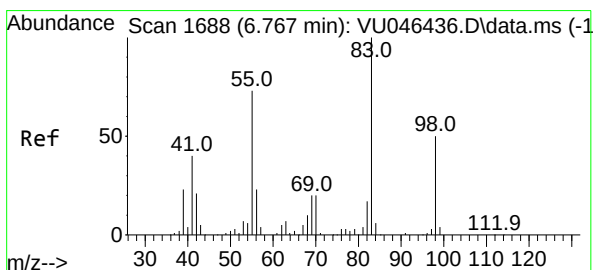
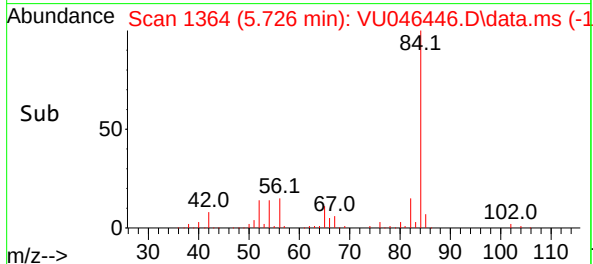
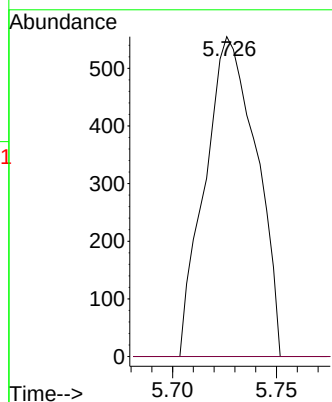
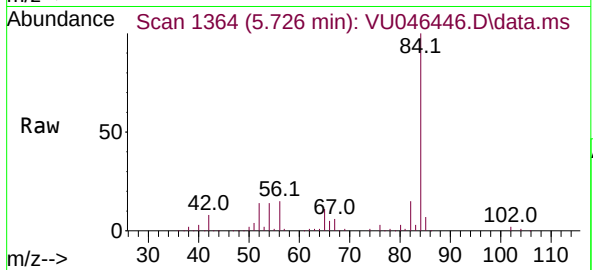
ClientSampleId :

Tgt Ion: 62 Resp: 952

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.921 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046446.D

Acq: 17 Dec 2021 01:33

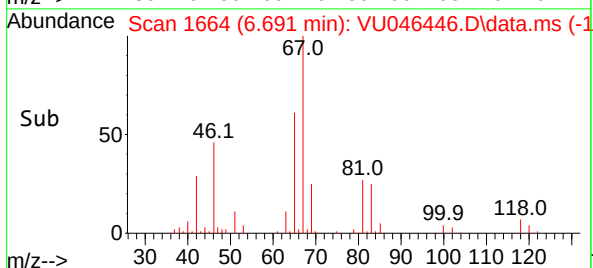
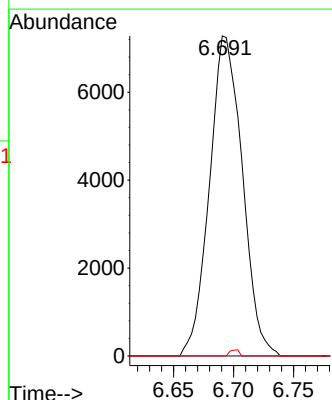
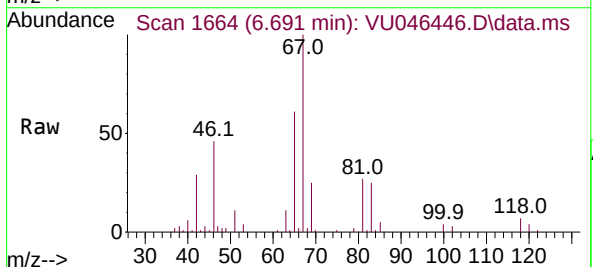
Tgt Ion: 83 Resp: 13861

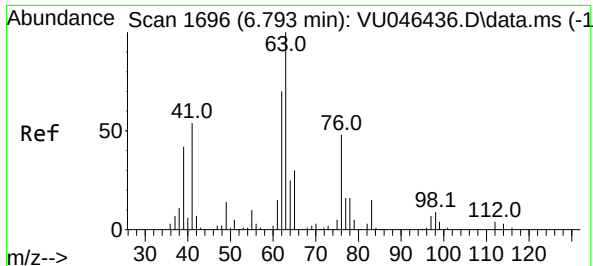
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.685 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046446.D

Acq: 17 Dec 2021 01:33

Instrument :

MSVOA_U

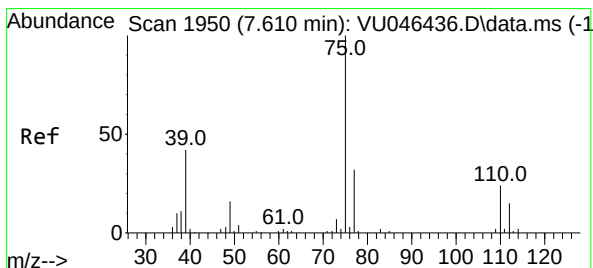
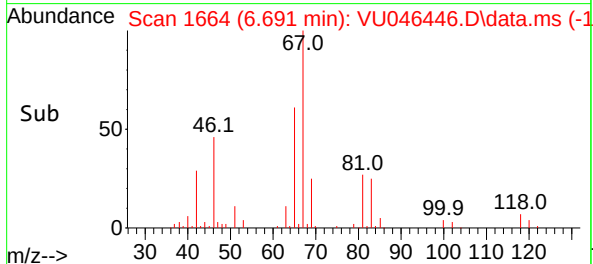
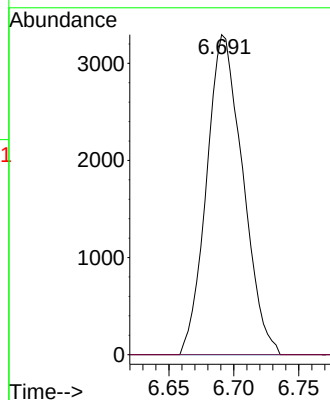
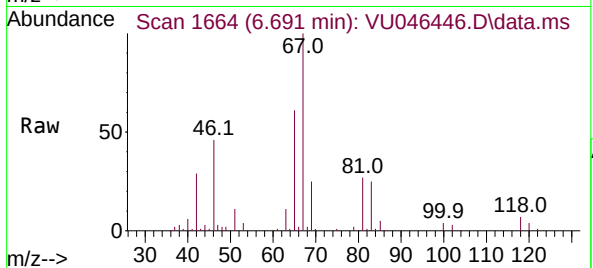
ClientSampleId :

Tgt Ion: 63 Resp: 6379

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046446.D

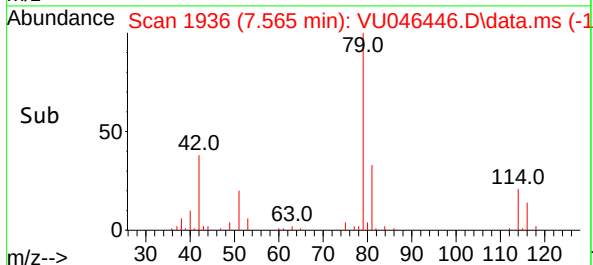
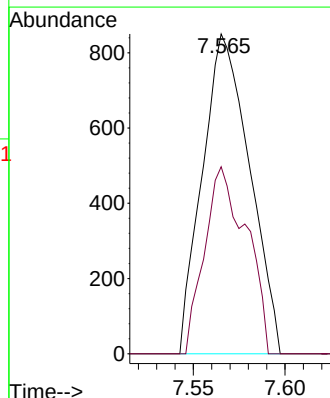
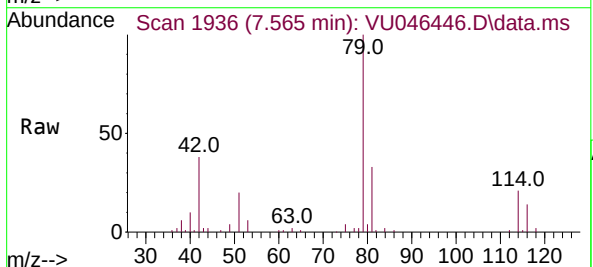
Acq: 17 Dec 2021 01:33

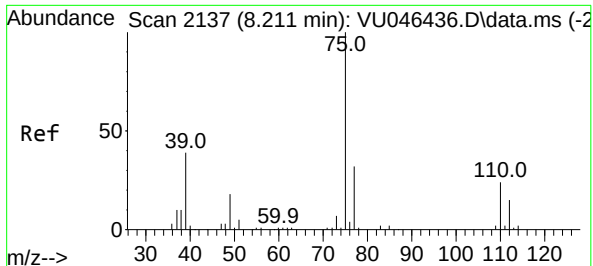
Tgt Ion: 75 Resp: 1520

Ion Ratio Lower Upper

75 100

77 58.5 21.8 40.6#

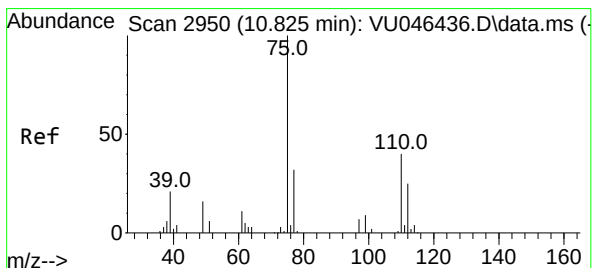
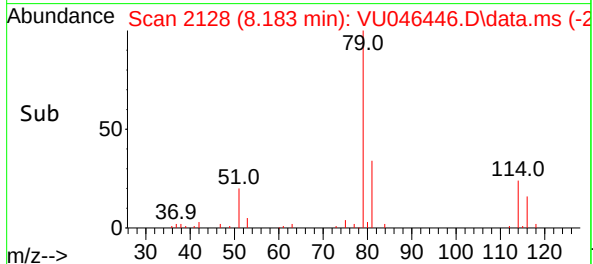
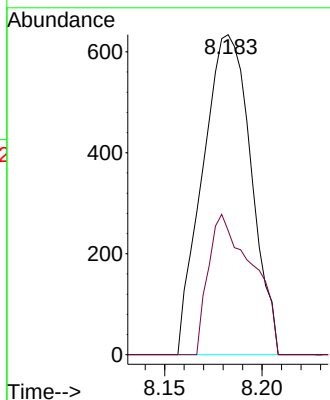
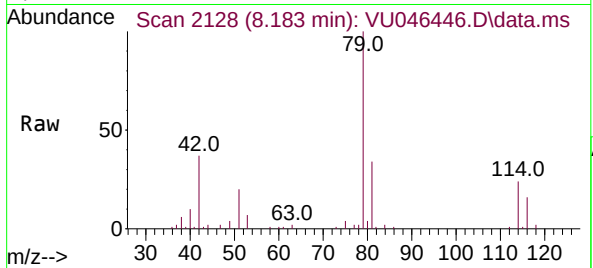




#44
trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 8.183 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046446.D
Acq: 17 Dec 2021 01:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1098
Ion Ratio Lower Upper
75 100
77 38.8 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.503 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046446.D
Acq: 17 Dec 2021 01:33

Tgt Ion: 75 Resp: 8525
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6
110 1.5 32.4 48.6#

