

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
 Data File : VN055076.D
 Acq On : 16 Apr 2019 14:14
 Operator : JC/SP
 Sample : K2256-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLEARWELLRE

Integration Parameters: RTEINT3.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.474	199	218	219	rBV8	26079	51978	1.32%	0.572%
2	2.490	219	223	233	rVB3	34031	43193	1.09%	0.475%
3	7.191	1665	1685	1709	rBV2	174287	476301	12.07%	5.240%
4	8.027	1928	1945	1965	rBV	180469	425542	10.79%	4.682%
5	8.583	2104	2118	2141	rBV	386225	838206	21.25%	9.222%
6	10.088	2569	2586	2620	rBV	612167	1180380	29.92%	12.987%
7	11.406	2982	2996	3021	rBV	524287	942242	23.89%	10.367%
8	12.400	3292	3305	3328	rBV	359114	624789	15.84%	6.874%
9	12.686	3380	3394	3410	rBV	287965	488280	12.38%	5.372%
10	13.258	3559	3572	3593	rBV	2501417	3944612	100.00%	43.399%
11	13.451	3622	3632	3643	rBV3	42310	73600	1.87%	0.810%

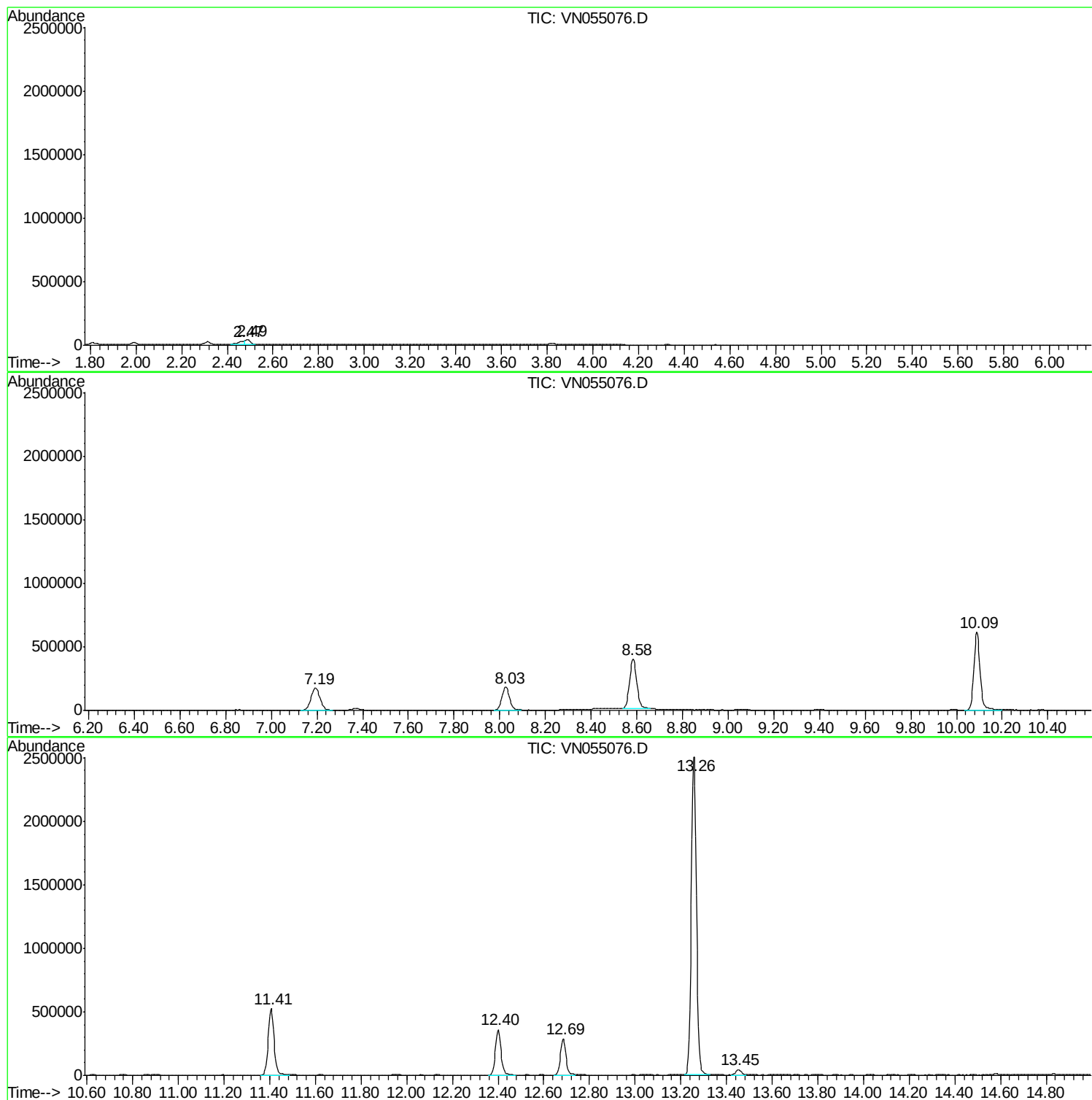
Sum of corrected areas: 9089123

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
Data File : VN055076.D
Acq On : 16 Apr 2019 14:14
Operator : JC/SP
Sample : K2256-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELLRE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
Data File : VN055076.D
Acq On : 16 Apr 2019 14:14
Operator : JC/SP
Sample : K2256-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELLRE

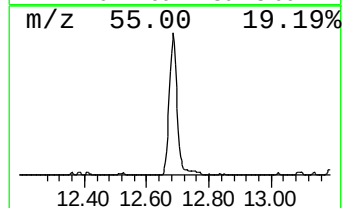
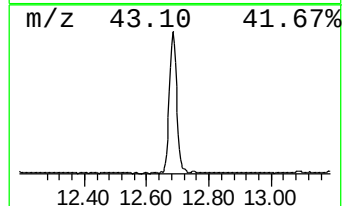
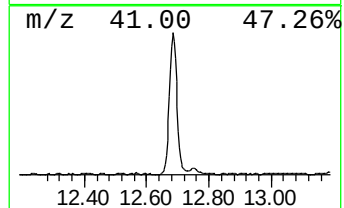
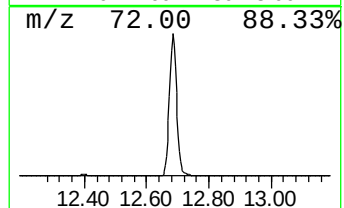
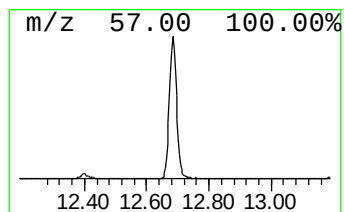
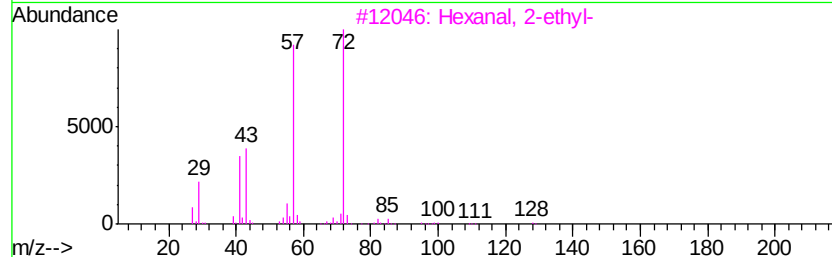
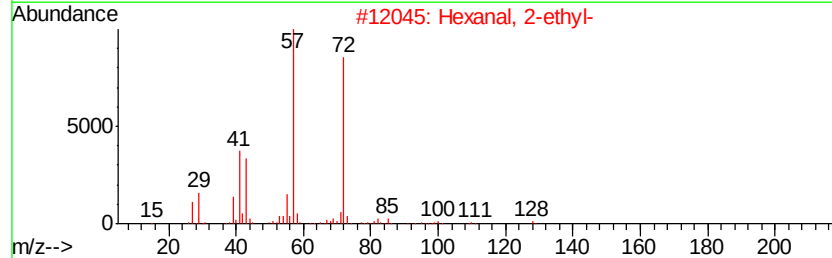
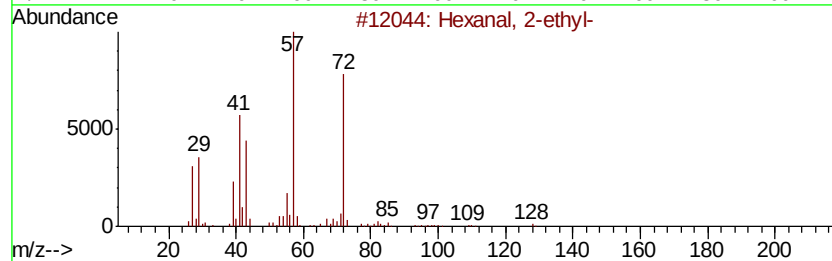
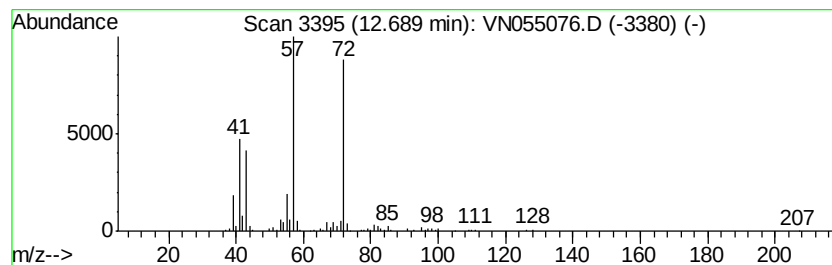
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexanal, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	15.55 ug/l	488280	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	90
2		Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	90
3		Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	87
4		Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	72
5		1,3-Cyclobutanediol, 2,2,4,4-tet...	144	C8H16O2	003010-96-6	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
Data File : VN055076.D
Acq On : 16 Apr 2019 14:14
Operator : JC/SP
Sample : K2256-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELLRE

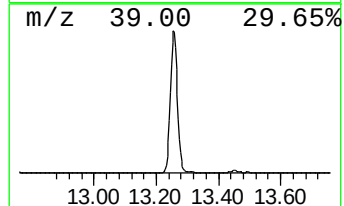
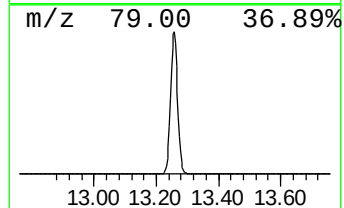
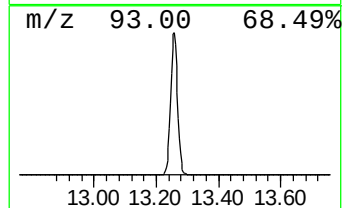
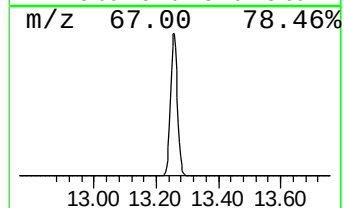
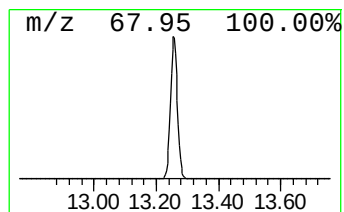
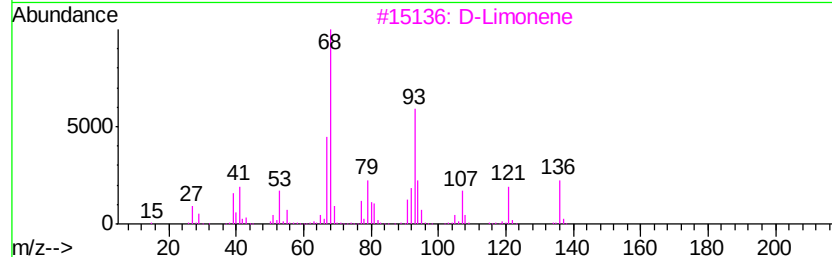
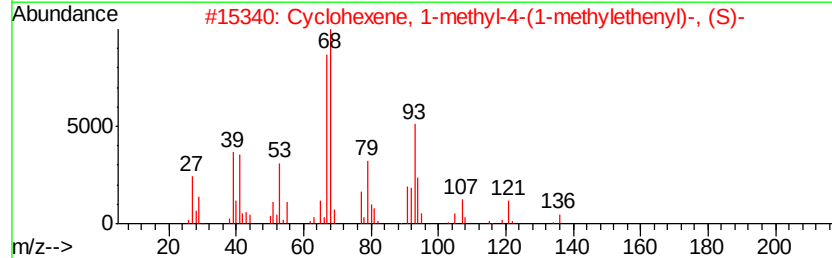
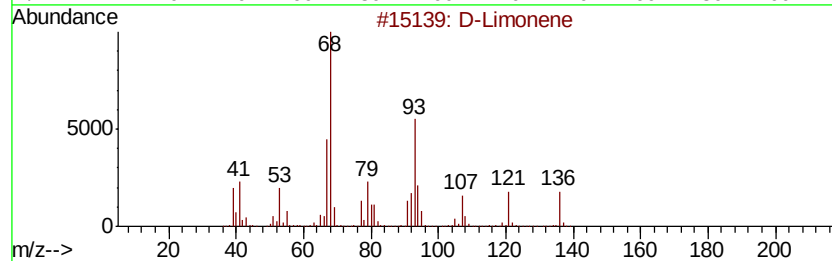
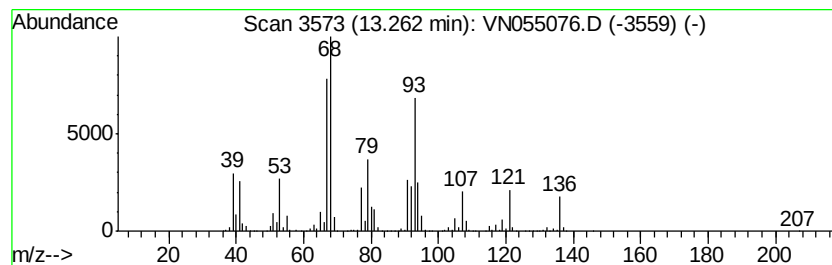
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	125.59 ug/l	3944610	Chlorobenzene-d5	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	95
2		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	93
3		D-Limonene	136	C10H16	005989-27-5	87
4		Limonene	136	C10H16	000138-86-3	87
5		D-Limonene	136	C10H16	005989-27-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041619\
Data File : VN055076.D
Acq On : 16 Apr 2019 14:14
Operator : JC/SP
Sample : K2256-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELLRE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal, 2-ethyl-	12.69	15.6	ug/l	488280	3	11.41	942242	30.0
D-Limonene	13.26	125.6	ug/l	3944610	3	11.41	942242	30.0