LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
Data File : VN076901.D
Acq On : 09 Mar 2023 14:28
Operator : JC\MD
Sample : 01774-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN076901.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.125	29	32	51	rVB	23666	66339	1.43%	0.611%
2	2.401	71	79	86	rBV	82420	313586	6.75%	2.890%
3	2.843	150	154	165	rVB	34728	65934	1.42%	0.608%
4	4.437	415	425	439	rBV	1559200	4643917	100.00%	42.797%
5	4.725	463	474	488	rBV	233813	770130	16.58%	7.097%
6	7.495	936	945	957	rVB2	68525	177861	3.83%	1.639%
7	7.819	988	1000	1014	rBV3	106683	313139	6.74%	2.886%
8	8.583	1113	1130	1140	rBV	139985	313065	6.74%	2.885%
9	9.107	1210	1219	1230	rBV	315352	637907	13.74%	5.879%
10	10.448	1441	1447	1454	rVV2	44229	79632	1.71%	0.734%
11	10.572	1460	1468	1474	rBV	424846	791910	17.05%	7.298%
12	10.630	1474	1478	1489	rVV	68410	128742	2.77%	1.186%
13	10.736	1489	1496	1502	rVB2	31809	56687	1.22%	0.522%
14	11.107	1553	1559	1566	rVB2	38760	72080	1.55%	0.664%
15	11.301	1586	1592	1597	rBV4	30634	53024	1.14%	0.489%
16	11.866	1680	1688	1698	rBV	491198	905623	19.50%	8.346%
17	12.854	1846	1856	1865	rBV	430468	743536	16.01%	6.852%
18	13.442	1950	1956	1960	rBV3	31720	55712	1.20%	0.513%
19	13.513	1960	1968	1972	rBV5	27474	54387	1.17%	0.501%
20	13.707	1993	2001	2008	rBV4	50104	113097	2.44%	1.042%
21	13.877	2025	2030	2036	rVB	92606	147939	3.19%	1.363%
22	14.242	2083	2092	2099	rBV6	33358	65725	1.42%	0.606%
23	14.495	2130	2135	2142	rVV2	139519	231081	4.98%	2.130%
24	14.560	2142	2146	2153	rVB4	29169	50058	1.08%	0.461%

Sum of corrected areas: 10851111

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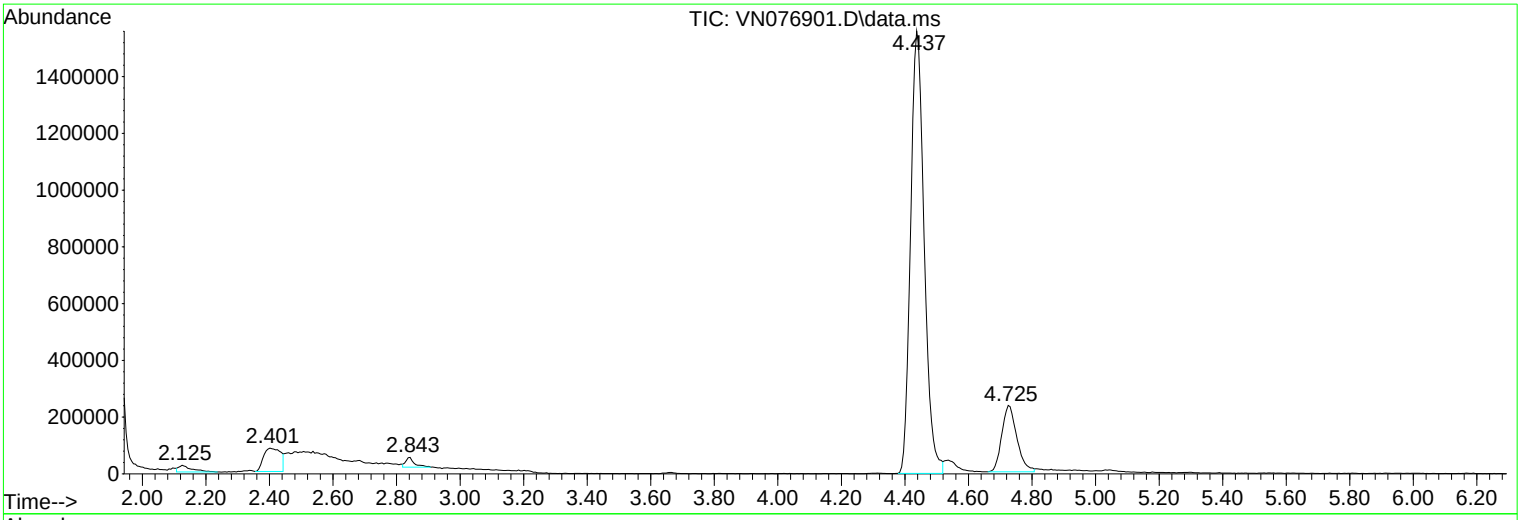
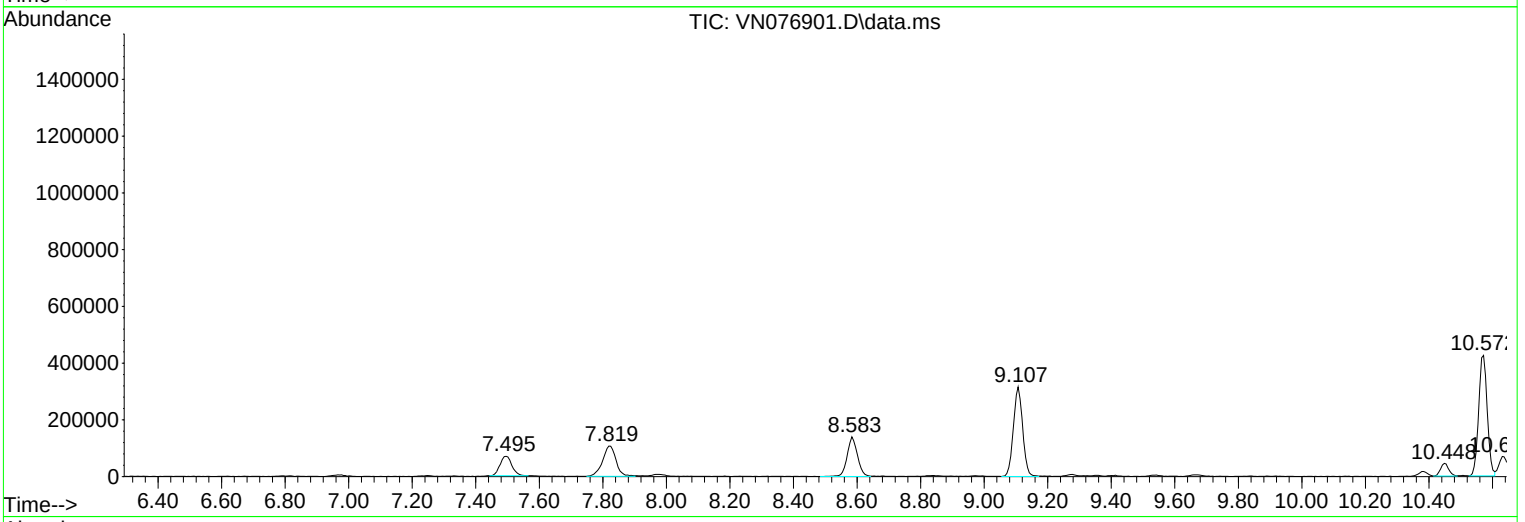
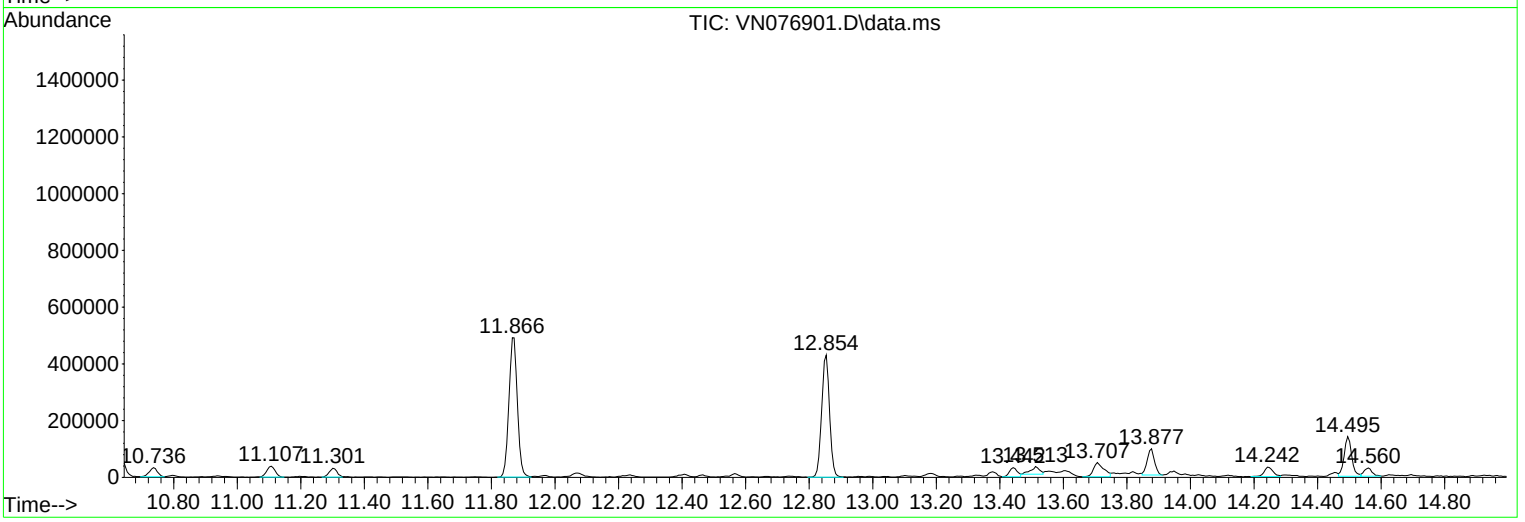
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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001-WILLETS-PT-BLVD(MAR)

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TIC Library : C:\Database\NIST20.L
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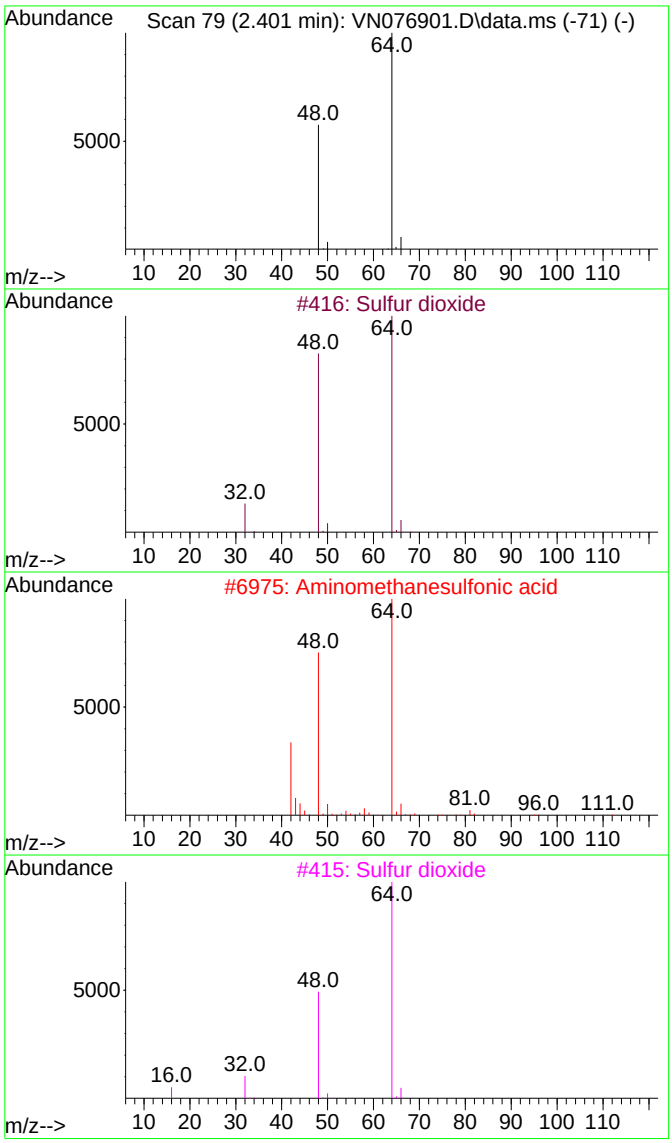
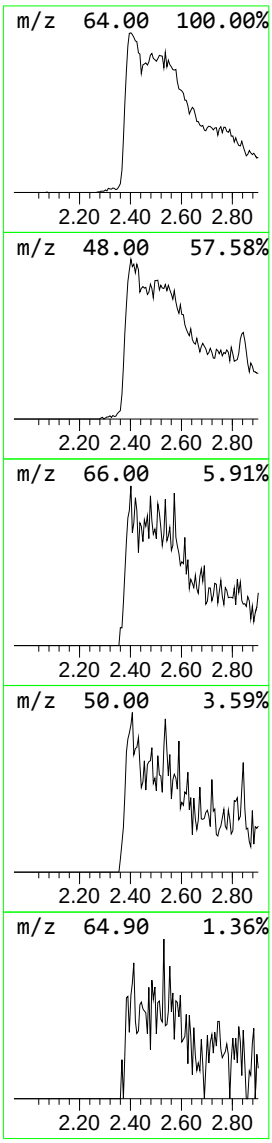
****

Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.401	30.04 ug/l	313586	Bromochloromethane	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3	Sulfur dioxide	64	O2S	007446-09-5	83
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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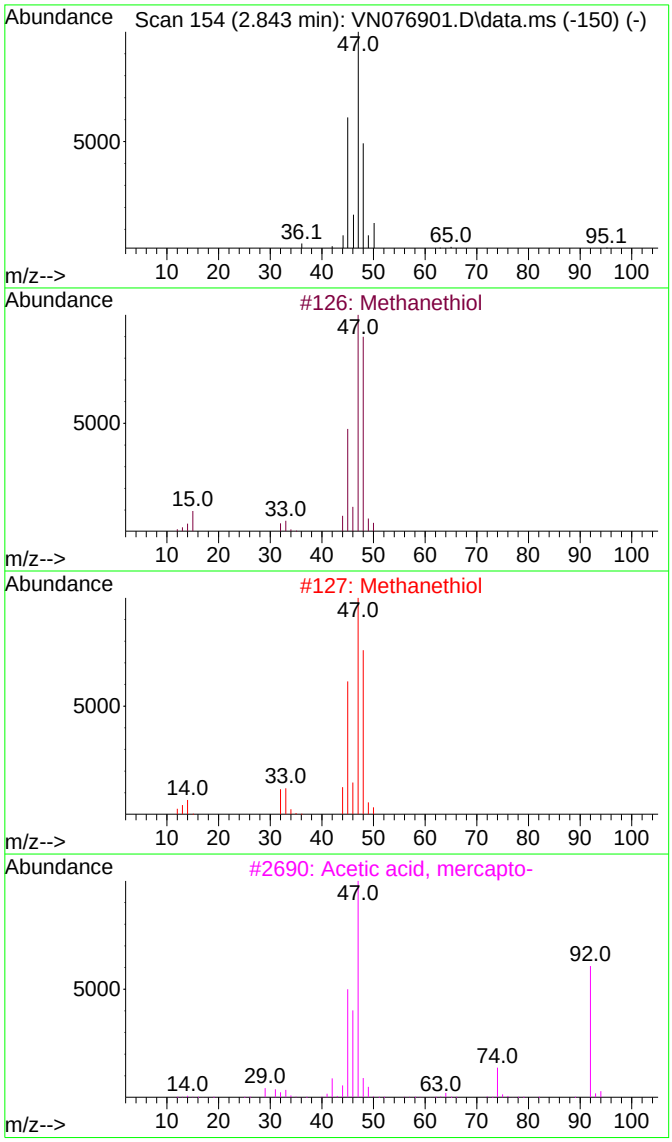
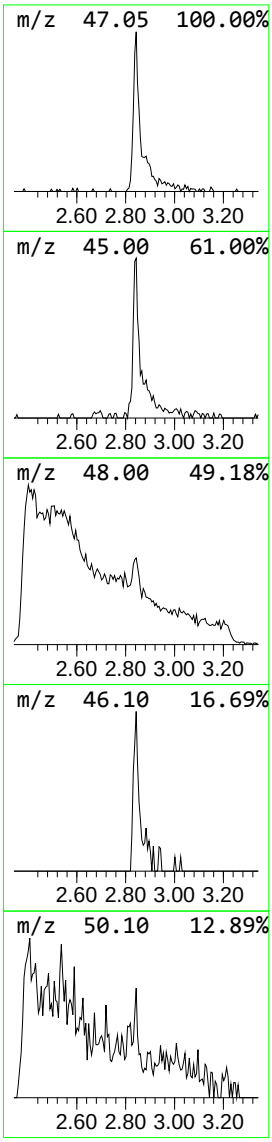
Peak Number 3 unknown2.843 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	6.32 ug/l	65934	Bromochloromethane	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	42
2	Methanethiol	48	CH4S	000074-93-1	28
3	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9
4	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9
5	Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9





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ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

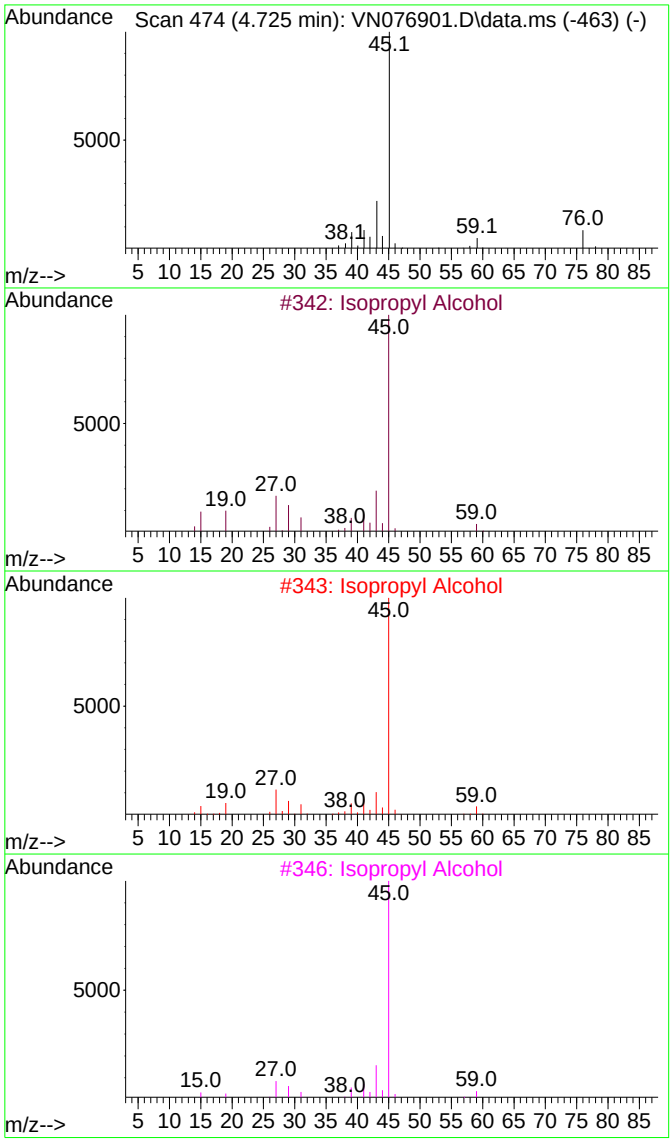
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

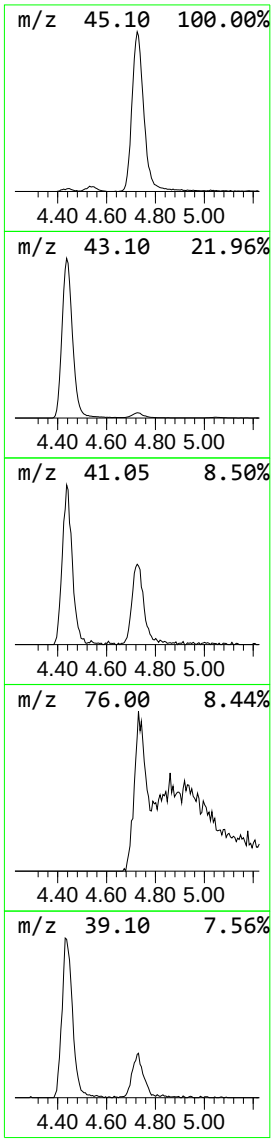
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.725	73.78 ug/l	770130	Bromochloromethane	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

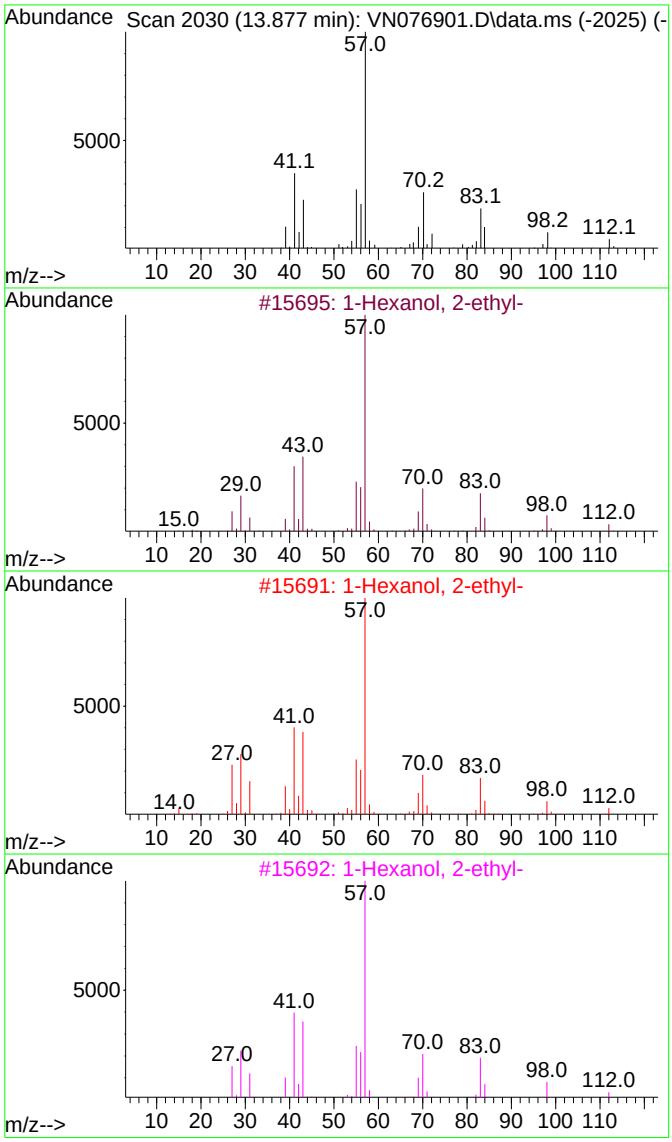
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

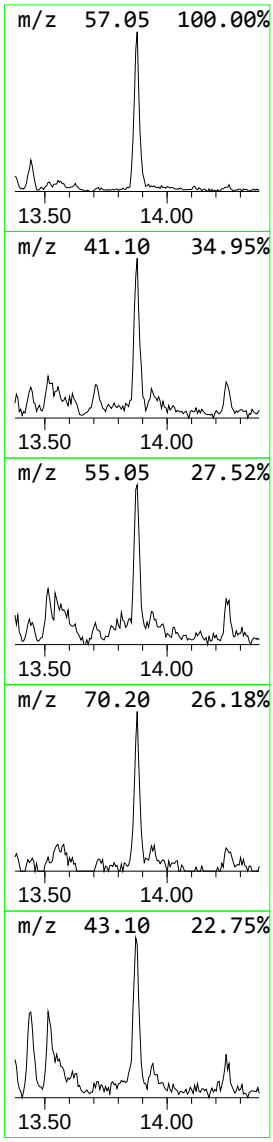
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.877	4.90 ug/l	147939	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





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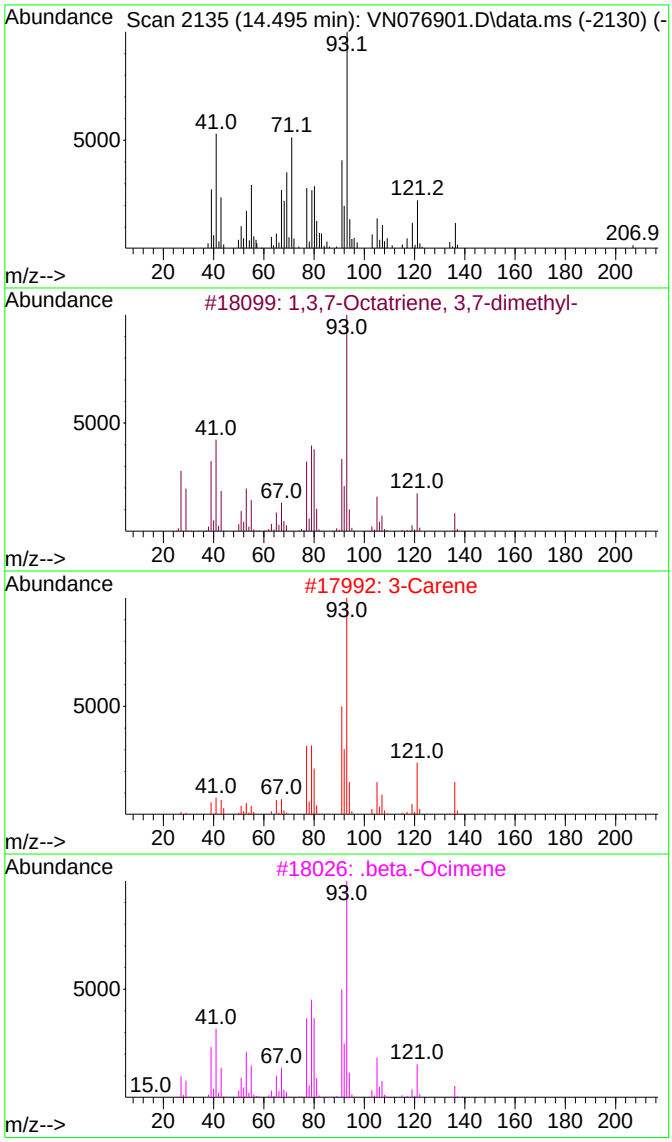
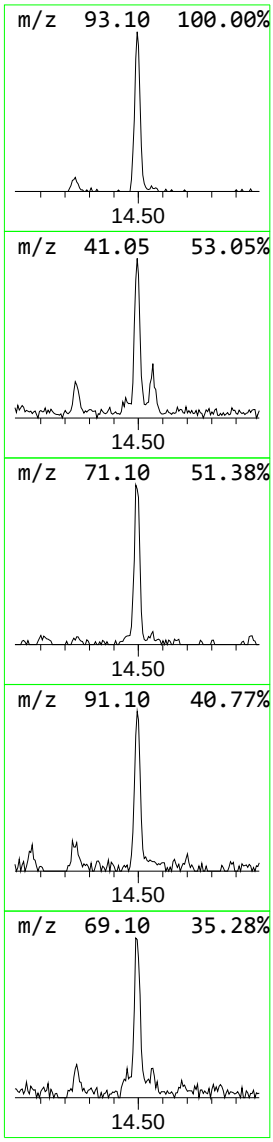
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,3,7-Octatriene, 3,7-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	7.65 ug/l	231081	Chlorobenzene-d5	11.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	93
2	3-Carene	136	C10H16	013466-78-9	90
3	.beta.-Ocimene	136	C10H16	013877-91-3	83
4	3-Carene	136	C10H16	013466-78-9	81
5	3-Carene	136	C10H16	013466-78-9	76





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.401	30.0	ug/l	313586	1	7.825	313139	30.0
unknown2.843	2.843	6.3	ug/l	65934	1	7.825	313139	30.0
Isopropyl Alcohol	4.725	73.8	ug/l	770130	1	7.825	313139	30.0
1-Hexanol, 2-et...	13.877	4.9	ug/l	147939	3	11.871	905623	30.0
1,3,7-Octatrien...	14.495	7.7	ug/l	231081	3	11.871	905623	30.0