LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
Data File : VN076902.D
Acq On : 09 Mar 2023 14:52
Operator : JC\MD
Sample : 01774-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(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: VN076902.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.302	56	62	68	rBV	82821	174983	3.85%	1.580%
2	2.372	68	74	87	rBV2	128558	522765	11.50%	4.719%
3	4.437	414	425	438	rBV	1532848	4544722	100.00%	41.024%
4	4.725	462	474	490	rBV	232168	766131	16.86%	6.916%
5	7.495	934	945	955	rBV	70773	180808	3.98%	1.632%
6	7.819	987	1000	1012	rBV4	111089	313882	6.91%	2.833%
7	8.584	1120	1130	1141	rVB2	132497	303737	6.68%	2.742%
8	9.107	1210	1219	1232	rBV	309267	633834	13.95%	5.721%
9	10.448	1441	1447	1454	rVV3	42789	82025	1.80%	0.740%
10	10.572	1460	1468	1474	rBV	416393	780877	17.18%	7.049%
11	10.630	1474	1478	1488	rVB	65745	119458	2.63%	1.078%
12	10.736	1488	1496	1503	rBV2	29025	52832	1.16%	0.477%
13	11.107	1552	1559	1567	rVB3	37143	71468	1.57%	0.645%
14	11.301	1585	1592	1606	rVB3	40446	76284	1.68%	0.689%
15	11.866	1678	1688	1698	rBV	498450	898693	19.77%	8.112%
16	12.854	1848	1856	1865	rBV	428494	743263	16.35%	6.709%
17	13.442	1950	1956	1960	rBV3	35492	58063	1.28%	0.524%
18	13.513	1960	1968	1972	rBV8	26115	53431	1.18%	0.482%
19	13.618	1980	1986	1993	rVB8	22757	61975	1.36%	0.559%
20	13.707	1993	2001	2008	rBV6	50267	114834	2.53%	1.037%
21	13.877	2023	2030	2035	rVB	88617	147305	3.24%	1.330%
22	14.248	2086	2093	2098	rBV4	36134	70077	1.54%	0.633%
23	14.495	2130	2135	2141	rVV2	148908	240394	5.29%	2.170%
24	14.560	2141	2146	2153	rVB4	38800	66320	1.46%	0.599%

Sum of corrected areas: 11078161

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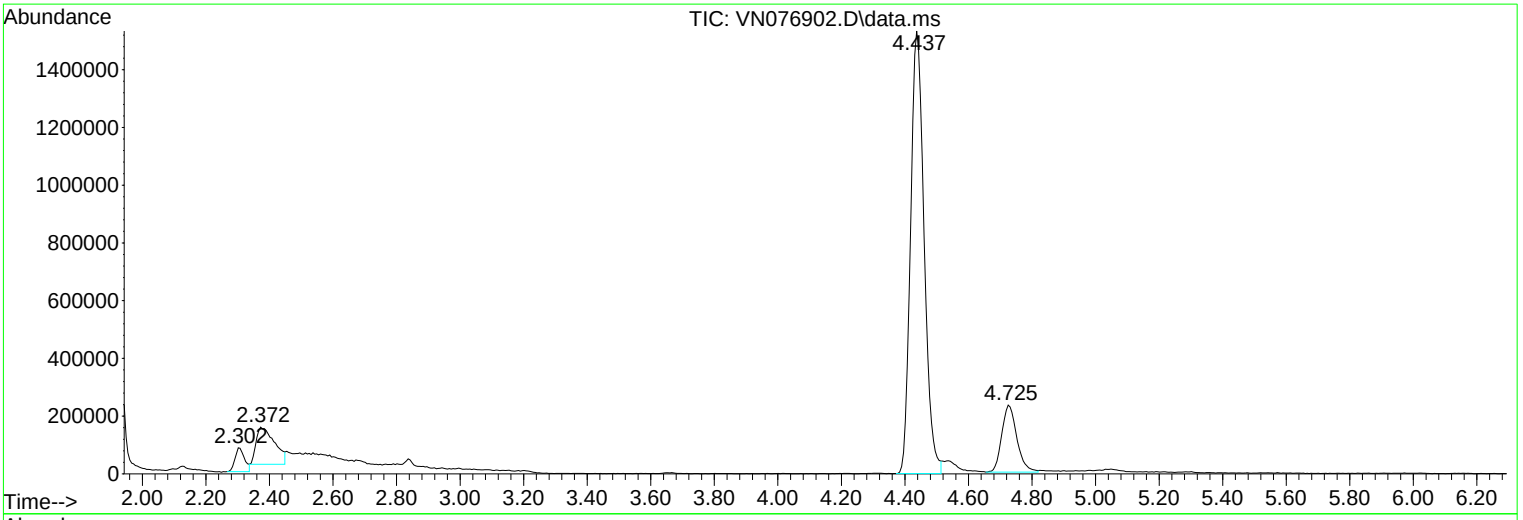
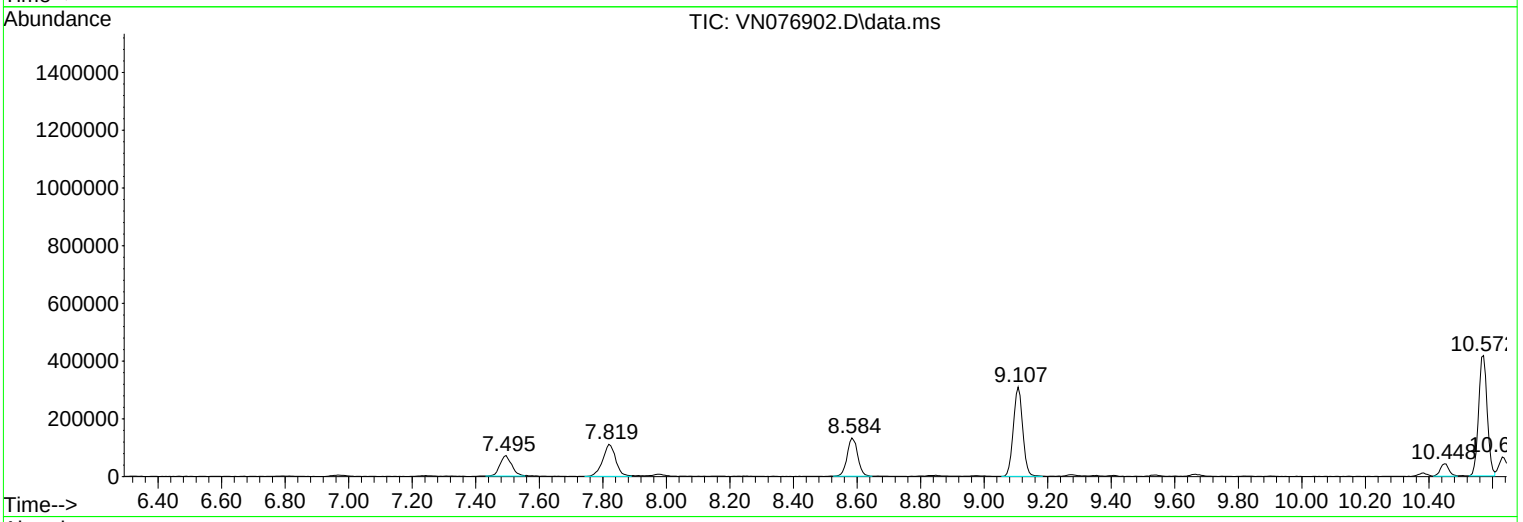
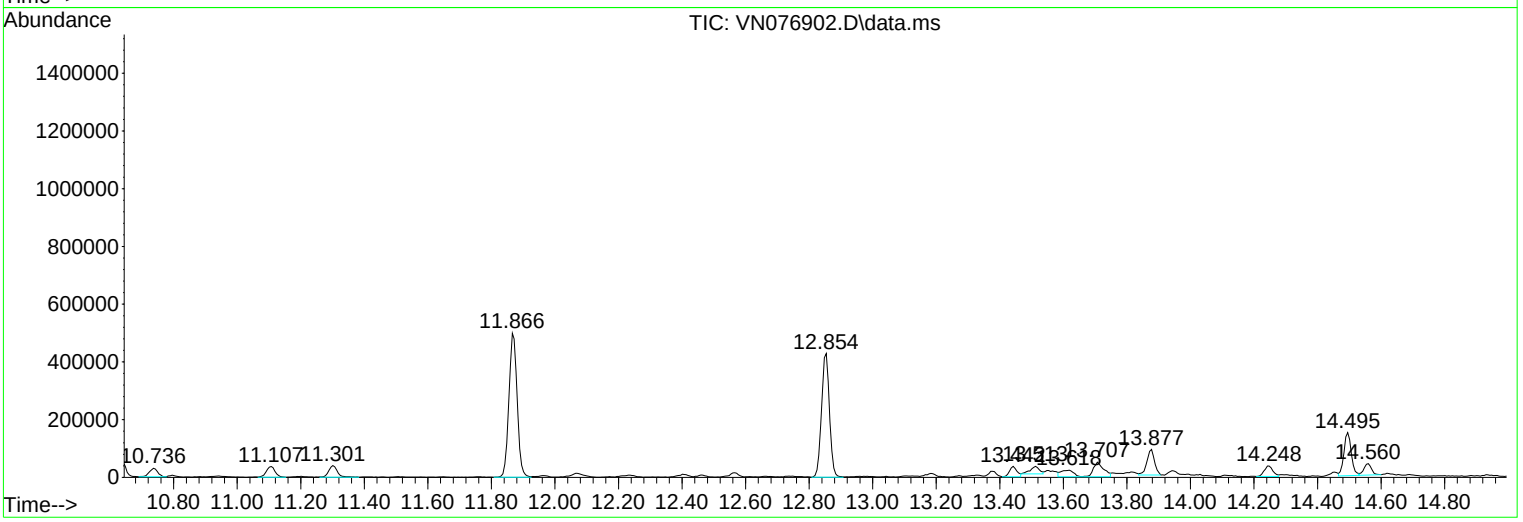
ClientSampleId :
002-35TH-AVE(MAR)

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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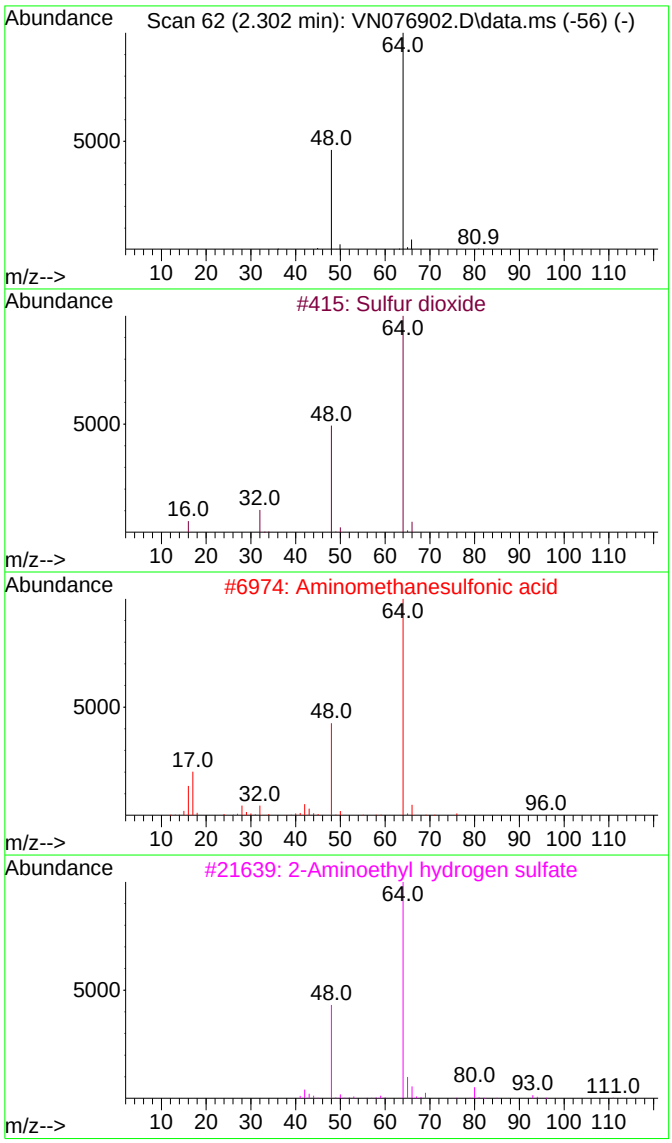
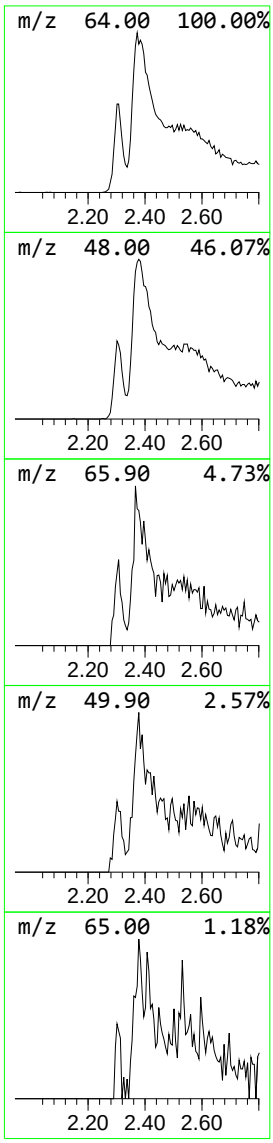
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.302	16.72 ug/l	174983	Bromochloromethane	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAR)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
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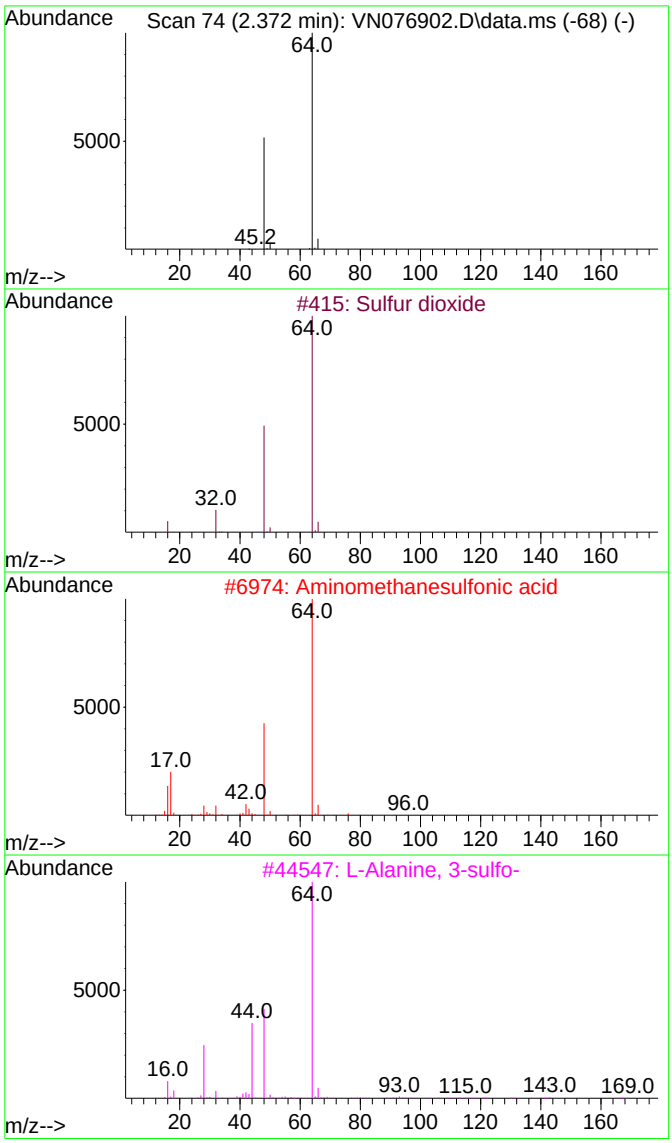
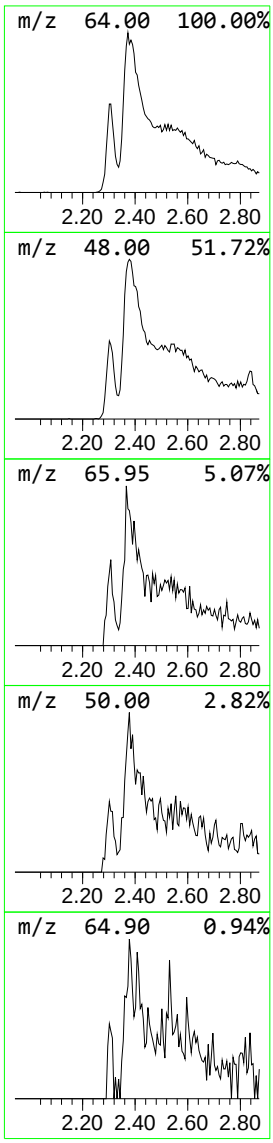
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.372	49.96 ug/l	522765	Bromochloromethane	7.825

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





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAR)

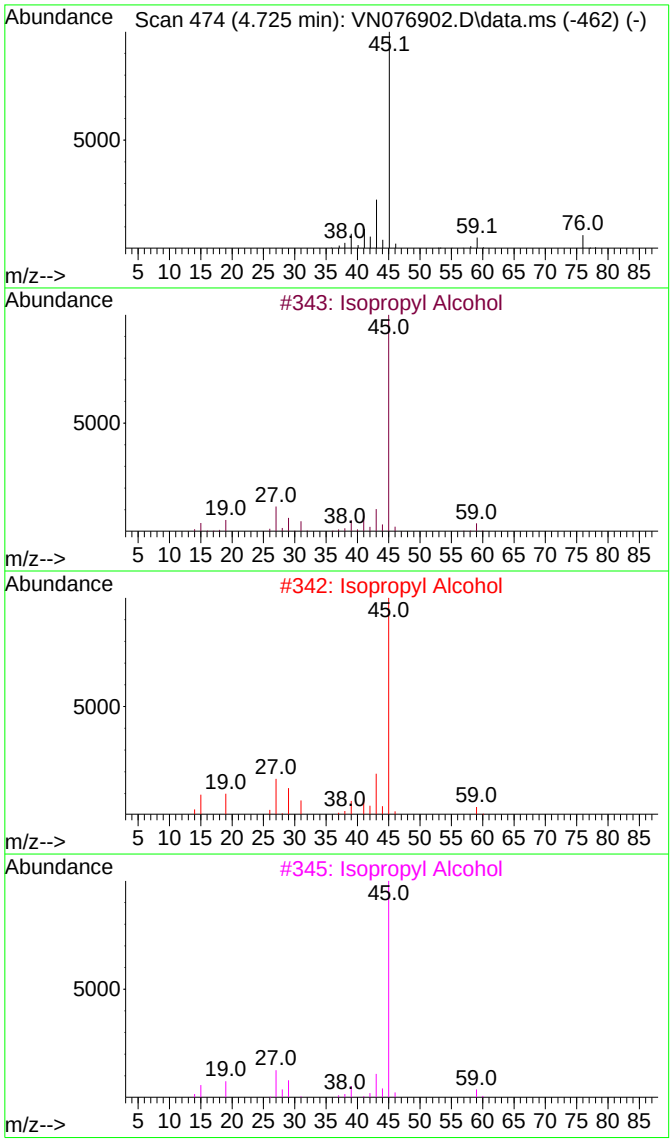
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

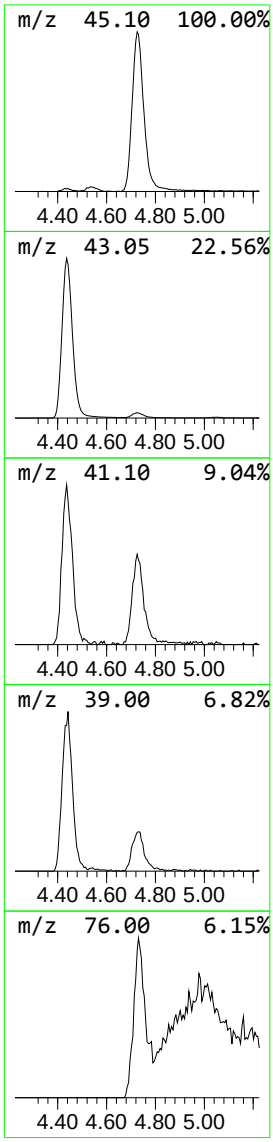
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.725	73.22 ug/l	766131	Bromochloromethane	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
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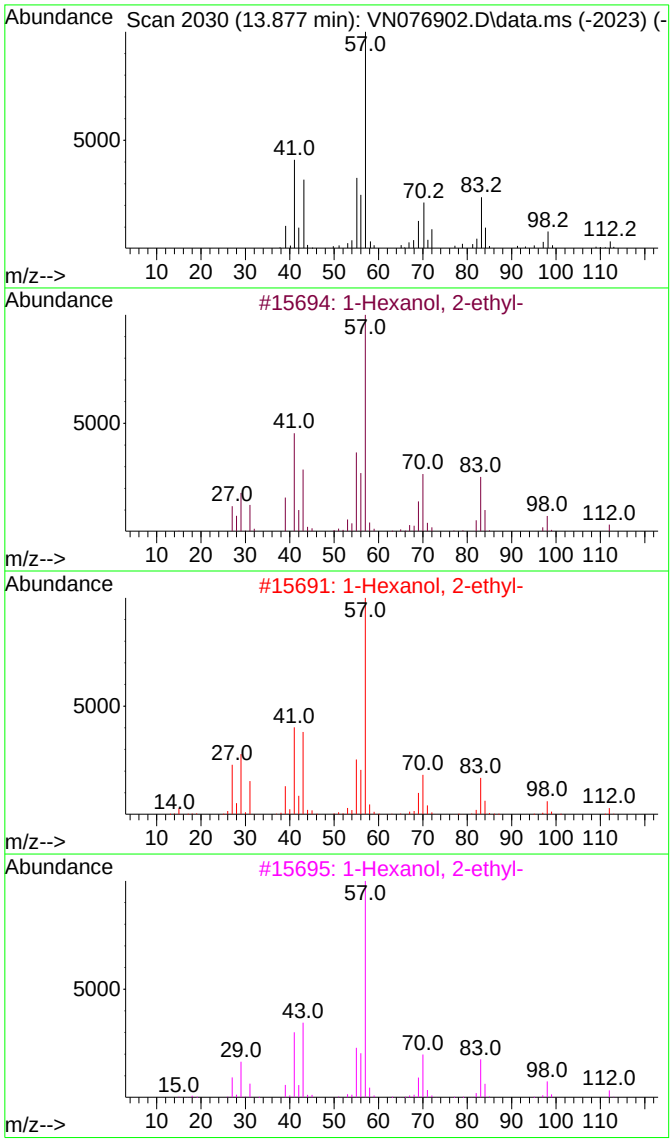
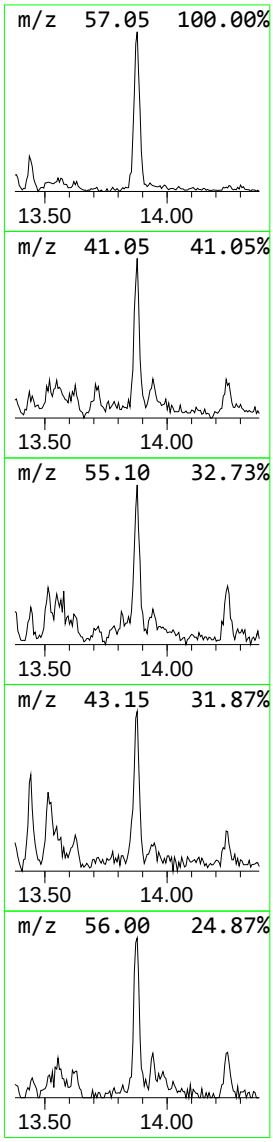
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.877	4.92 ug/l	147305	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





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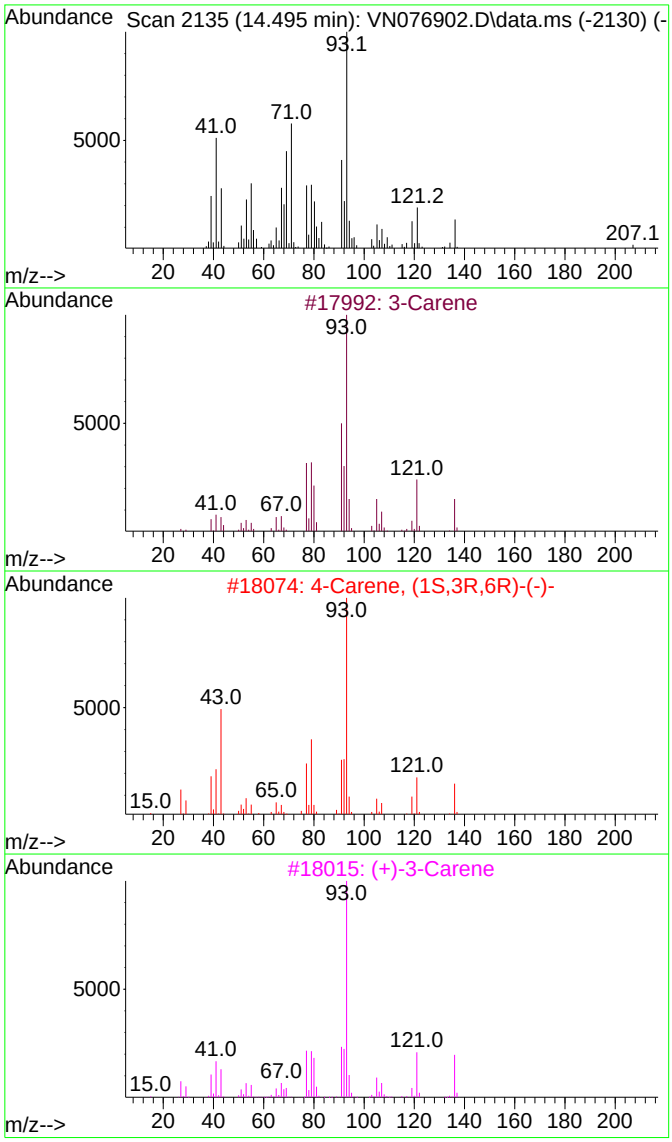
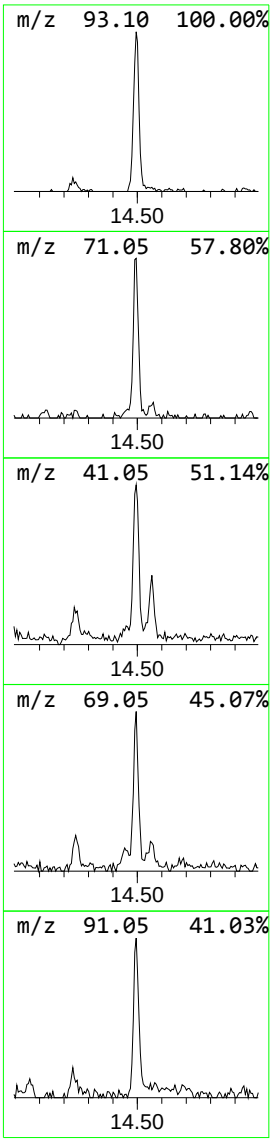
****

Peak Number 5 3-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	8.02 ug/l	240394	Chlorobenzene-d5	11.866

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	96
2	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	94
3	(+)-3-Carene	136	C10H16	000498-15-7	93
4	3-Carene	136	C10H16	013466-78-9	93
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	92





Tentatively Identified Compound (LSC) summary

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					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.302	16.7	ug/l	174983	1	7.825	313882	30.0
Aminomethanesul...	2.372	50.0	ug/l	522765	1	7.825	313882	30.0
Isopropyl Alcohol	4.725	73.2	ug/l	766131	1	7.825	313882	30.0
1-Hexanol, 2-et...	13.877	4.9	ug/l	147305	3	11.866	898693	30.0
3-Carene	14.495	8.0	ug/l	240394	3	11.866	898693	30.0