LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
Data File : VN084624.D
Acq On : 31 Oct 2024 17:25
Operator : JC\MD
Sample : P4646-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

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\624N103124W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN084624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.289	52	57	68	rVB	72742	117200	3.10%	0.909%
2	2.948	164	169	178	rVB5	26420	69162	1.83%	0.536%
3	4.430	408	421	443	rBV	120003	379773	10.04%	2.944%
4	5.553	587	612	631	rBV2	598649	2399487	63.44%	18.601%
5	5.795	643	653	666	rVB3	10609	40211	1.06%	0.312%
6	7.453	921	935	949	rBV	1260644	3782033	100.00%	29.318%
7	7.836	983	1000	1017	rBV2	488213	1389810	36.75%	10.774%
8	8.577	1109	1126	1136	rBV3	102488	345626	9.14%	2.679%
9	8.671	1136	1142	1149	rVB2	27180	61141	1.62%	0.474%
10	9.100	1206	1215	1225	rBV	186510	381557	10.09%	2.958%
11	10.565	1456	1464	1471	rBV	297730	543444	14.37%	4.213%
12	10.635	1471	1476	1477	rBV	24487	39335	1.04%	0.305%
13	11.059	1540	1548	1557	rBV2	20511	40148	1.06%	0.311%
14	11.171	1557	1567	1576	rBV2	67822	133200	3.52%	1.033%
15	11.306	1581	1590	1594	rVV7	12944	38338	1.01%	0.297%
16	11.865	1675	1685	1694	rBV	262382	519314	13.73%	4.026%
17	11.965	1694	1702	1709	rVB2	86023	178465	4.72%	1.383%
18	12.065	1709	1719	1730	rBV2	91986	198445	5.25%	1.538%
19	12.394	1769	1775	1782	rBV	66064	120201	3.18%	0.932%
20	12.847	1845	1852	1861	rVB	203822	371153	9.81%	2.877%
21	13.194	1903	1911	1918	rVV4	24216	57335	1.52%	0.444%
22	13.482	1947	1960	1967	rBV3	40246	96056	2.54%	0.745%
23	13.606	1973	1981	1989	rBV4	49393	96231	2.54%	0.746%
24	13.812	2011	2016	2020	rBV5	44816	84186	2.23%	0.653%
25	13.859	2020	2024	2036	rVB4	52672	124208	3.28%	0.963%
26	13.994	2041	2047	2061	rVB3	30280	75928	2.01%	0.589%
27	14.247	2082	2090	2094	rVV3	44014	86140	2.28%	0.668%
28	14.294	2094	2098	2108	rVB	108886	193311	5.11%	1.499%
29	14.447	2113	2124	2132	rBV5	33603	88771	2.35%	0.688%
30	14.670	2156	2162	2169	rVB	487892	800678	21.17%	6.207%
31	14.929	2201	2206	2214	rVB7	24527	48960	1.29%	0.380%

Sum of corrected areas: 12899847

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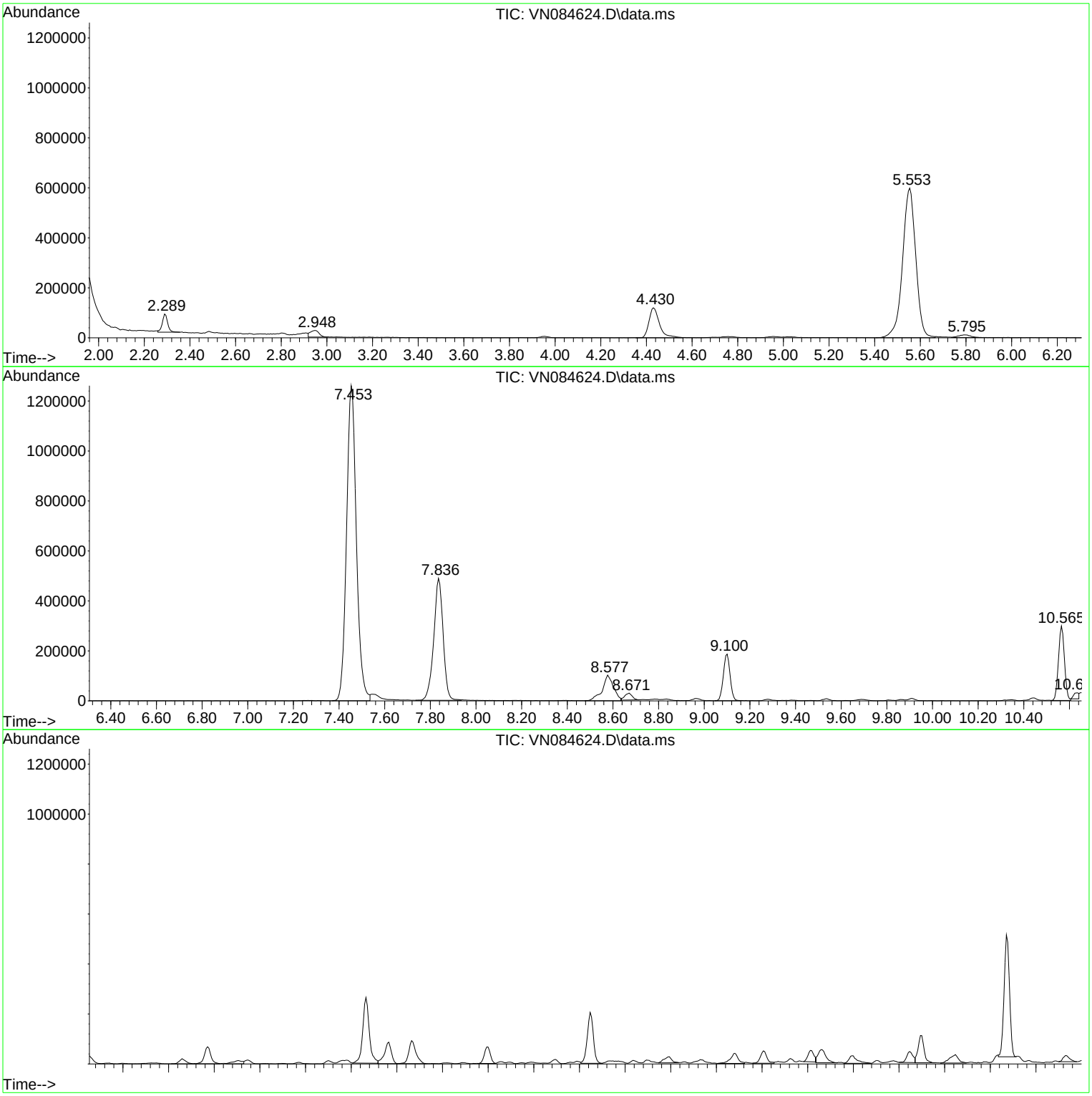
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Data File : VN084624.D
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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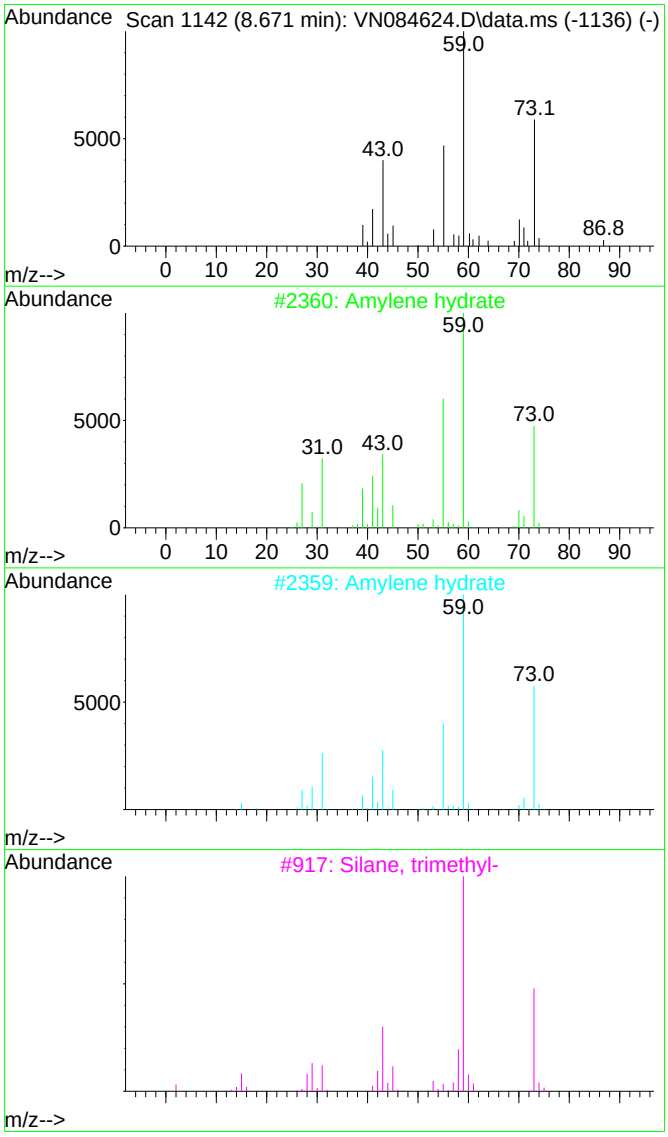
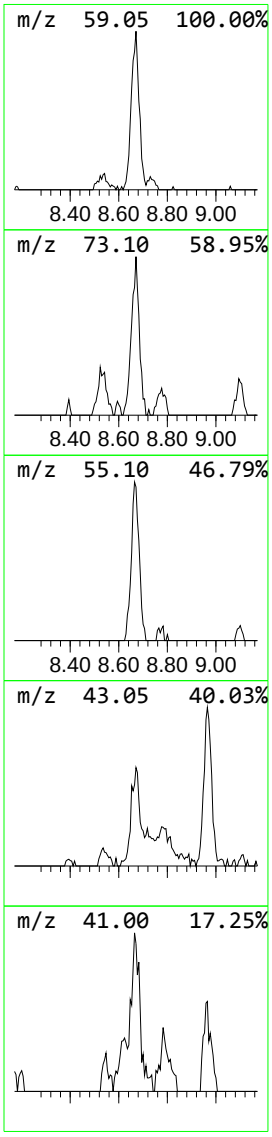
****

Peak Number 1 Amylene hydrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.671	4.81 ug/l	61141	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	Amylene hydrate	88	C5H12O	000075-85-4	72
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	72
4	Amylene hydrate	88	C5H12O	000075-85-4	64
5	Amylene hydrate	88	C5H12O	000075-85-4	56





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Data File : VN084624.D
Acq On : 31 Oct 2024 17:25
Operator : JC\MD
Sample : P4646-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

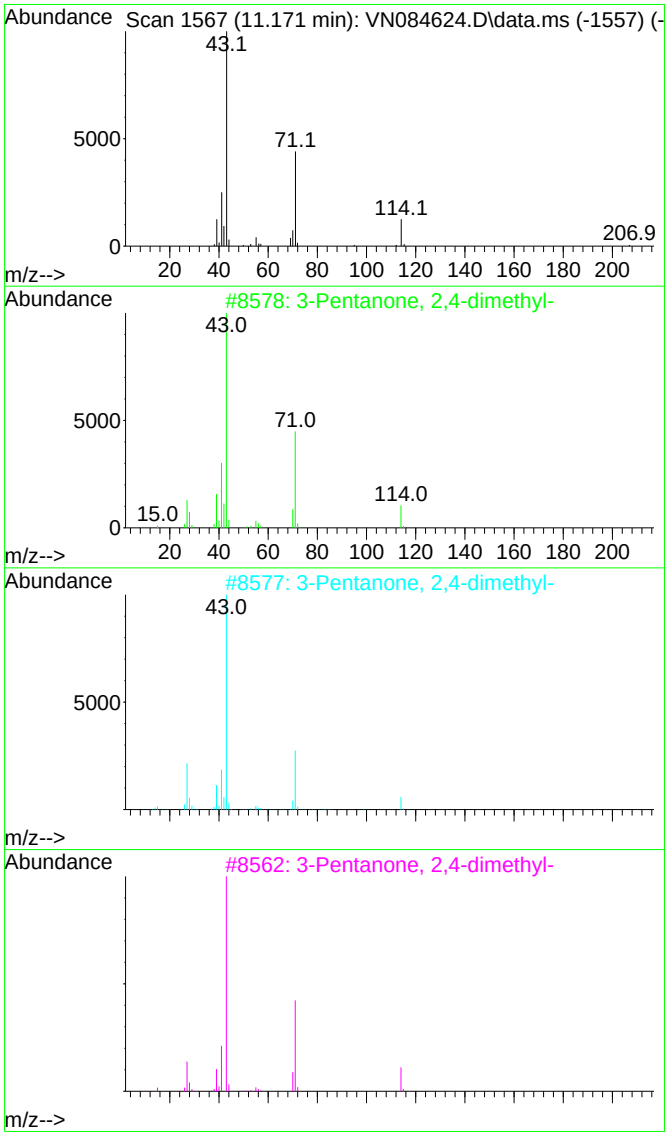
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

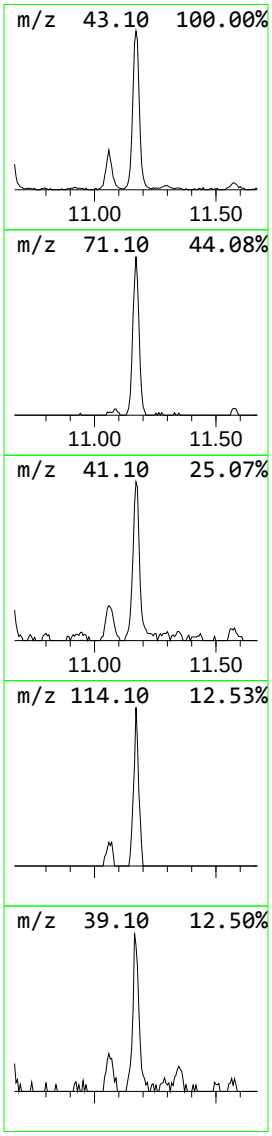
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Pentanone, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.171	7.69 ug/l	133200	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	72
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	64
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	64
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	58





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Data File : VN084624.D
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Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

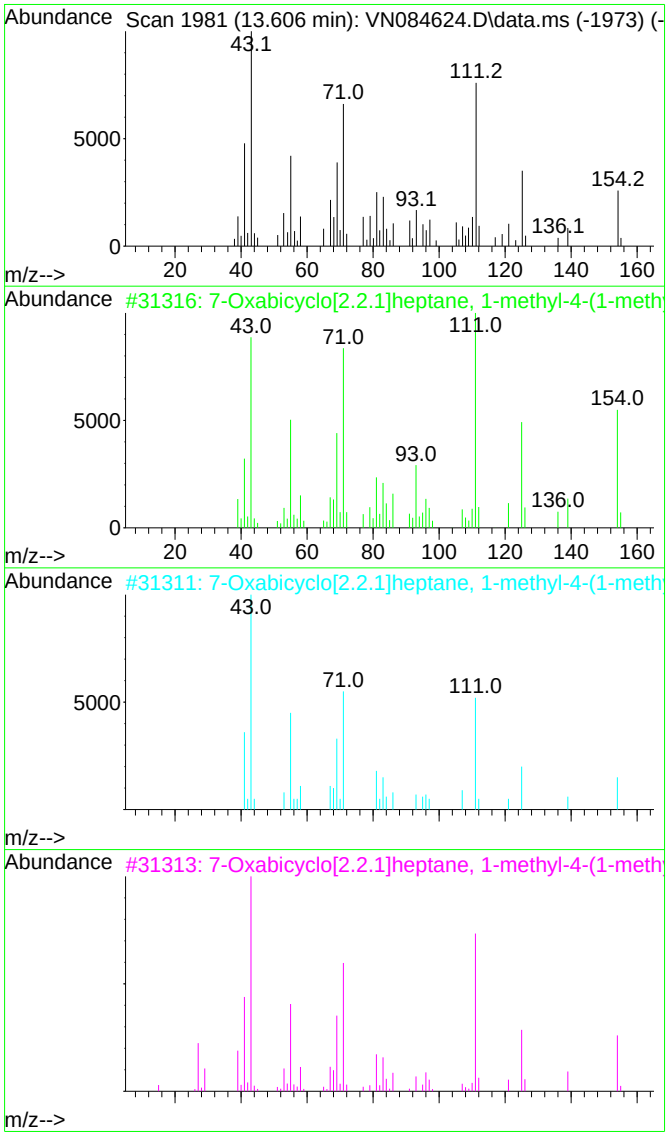
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

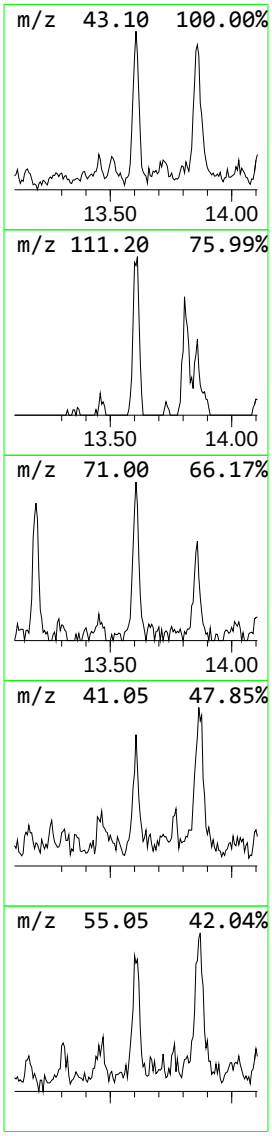
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.606	5.56 ug/l	96231	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	93
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	87
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	83
5	Tetrahydrocarvone	154	C10H18O	000499-70-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
Data File : VN084624.D
Acq On : 31 Oct 2024 17:25
Operator : JC\MD
Sample : P4646-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

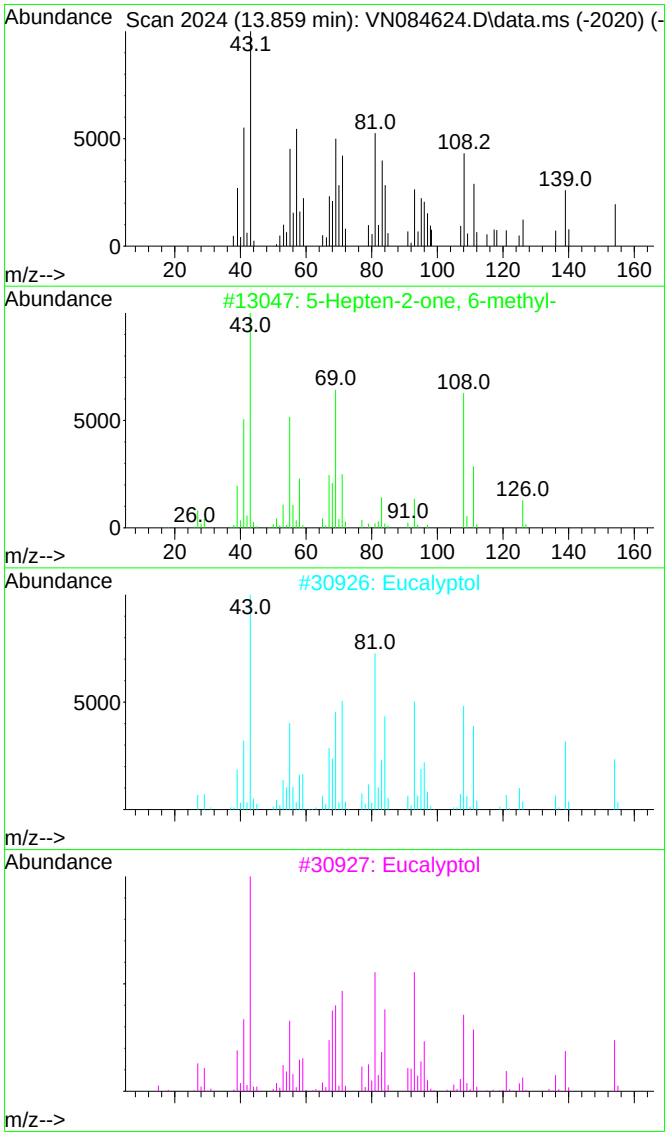
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

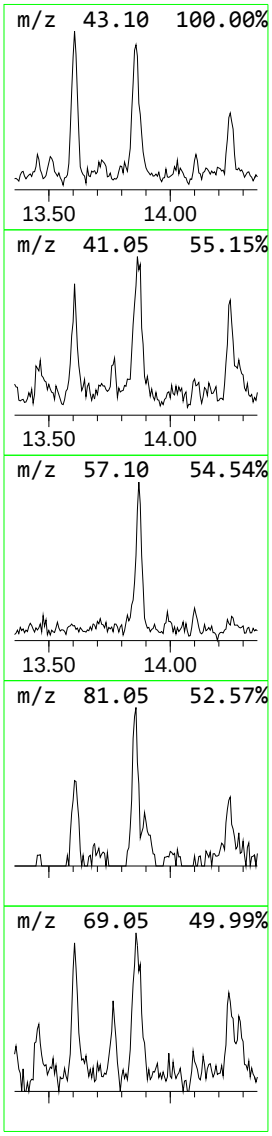
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 5-Hepten-2-one, 6-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.859	7.18 ug/l	124208	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	64
2	Eucalyptol	154	C10H18O	000470-82-6	58
3	Eucalyptol	154	C10H18O	000470-82-6	52
4	2-Acetylcyclopentanone	126	C7H10O2	001670-46-8	35
5	3-Acetonylcyclohexanone	154	C9H14O2	000937-45-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
Data File : VN084624.D
Acq On : 31 Oct 2024 17:25
Operator : JC\MD
Sample : P4646-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

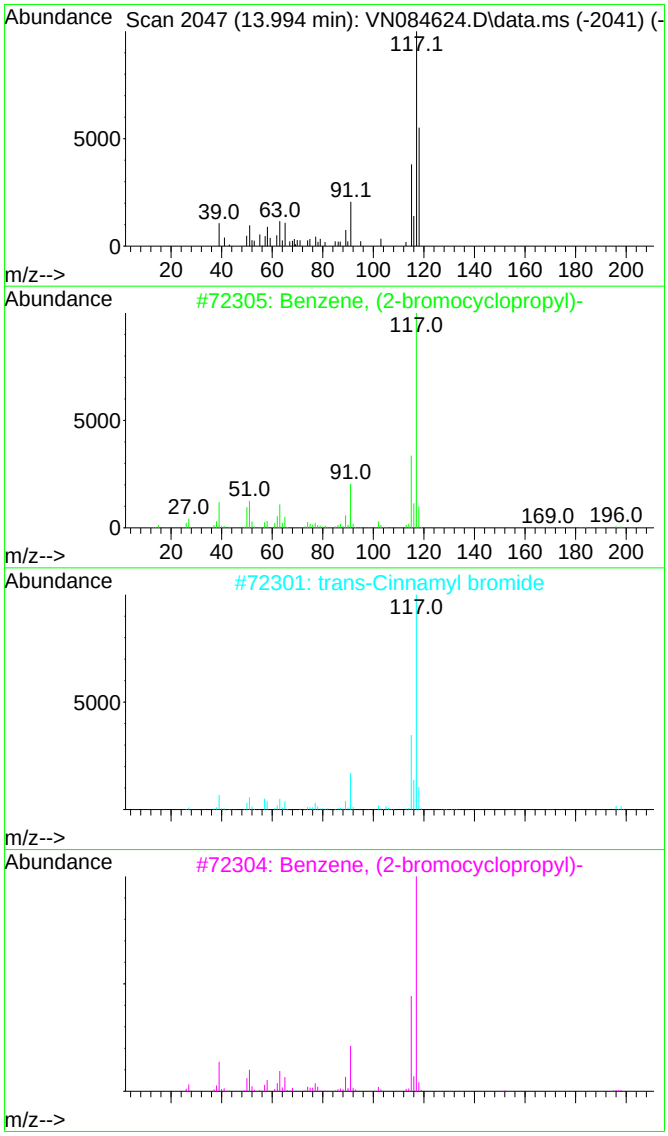
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

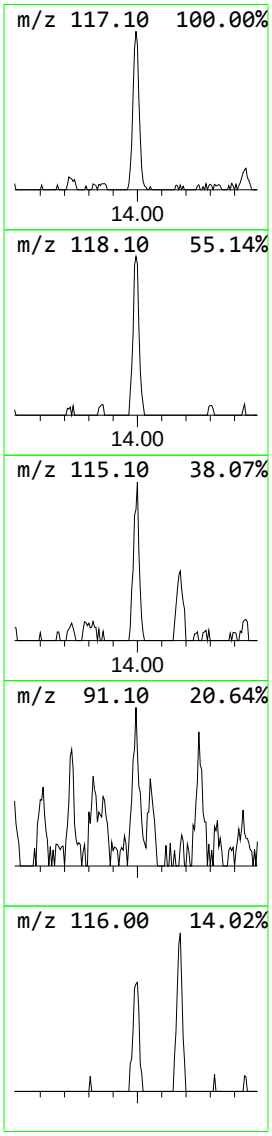
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (2-bromocyclopropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	4.39 ug/l	75928	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53
4	Deltacyclene	118	C9H10	007785-10-6	47
5	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	43





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Misc : 5.0mL/MSVOA_N/WATER
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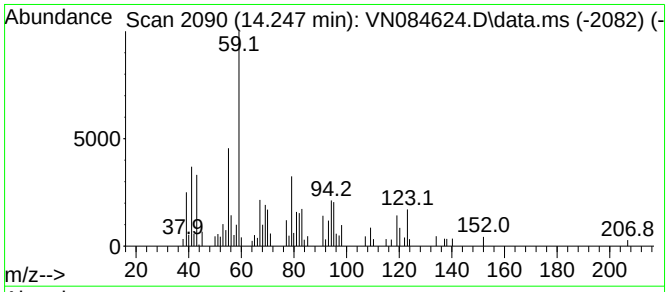
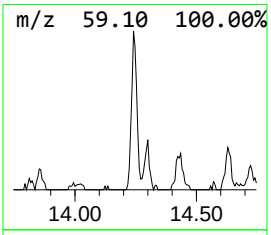
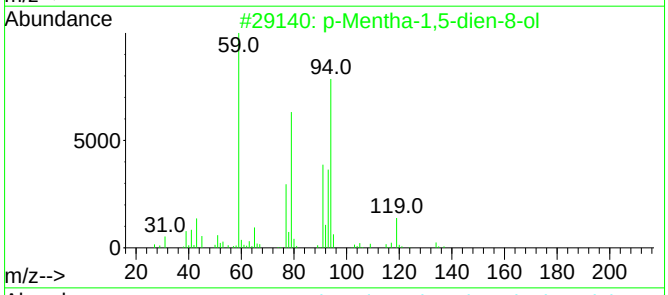
****
Peak Number 6 p-Mentha-1,5-dien-8-ol Concentration Rank 7

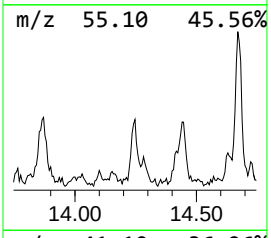
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	4.98 ug/l	86140	Chlorobenzene-d5	11.865

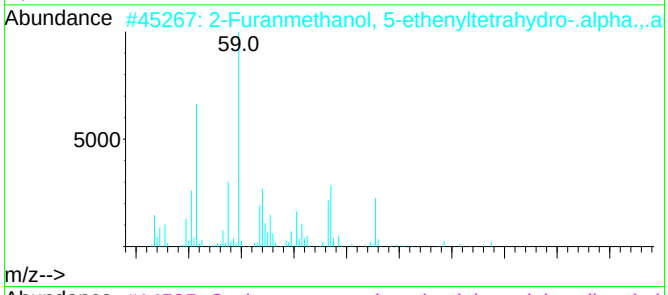
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Mentha-1,5-dien-8-ol	152	C10H16O	001686-20-0	50
2	2-Furanmethanol, 5-ethenyltetrah...	170	C10H18O2	005989-33-3	47
3	Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	47
4	cis-Linaloloxide	170	C10H18O2	1000121-97-4	47
5	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	43

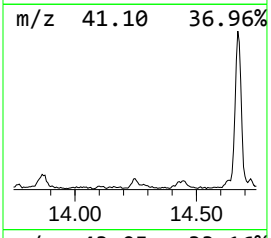


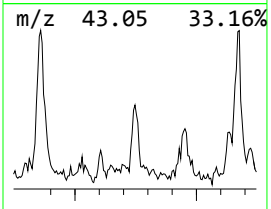


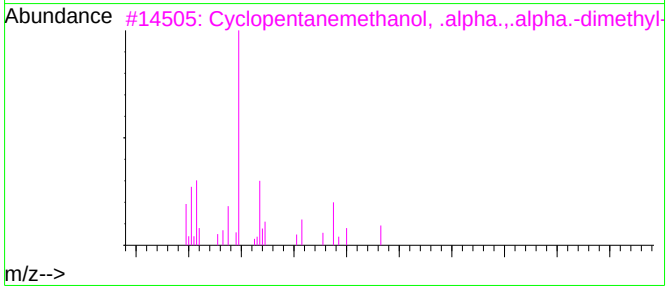


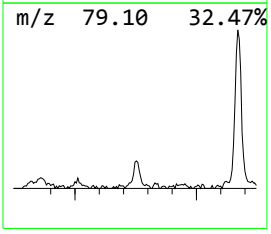












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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

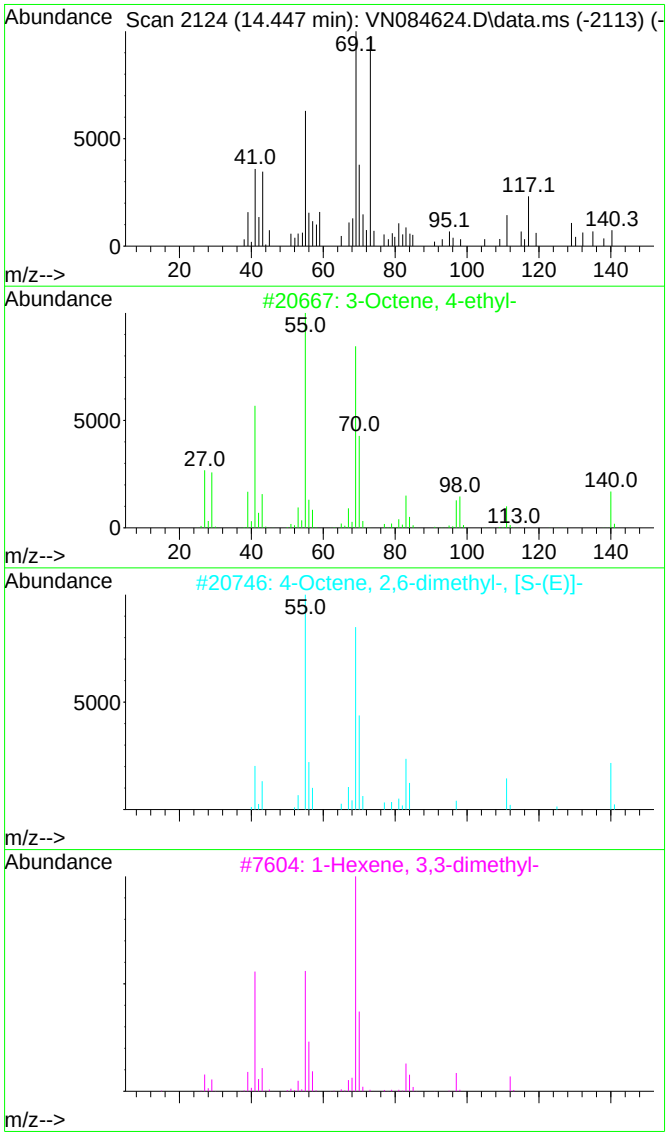
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

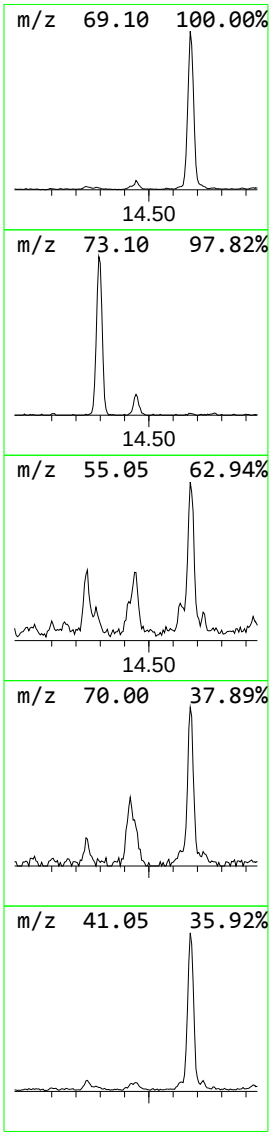
****

Peak Number 8 unknown14.447 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	5.13 ug/l	88771	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	47
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	47
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
5	Oct-3-enoic acid, oct-3-en-2-yl ...	252	C16H28O2	1010406-95-0	38





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ClientSampleId :
241030069-01-VOA

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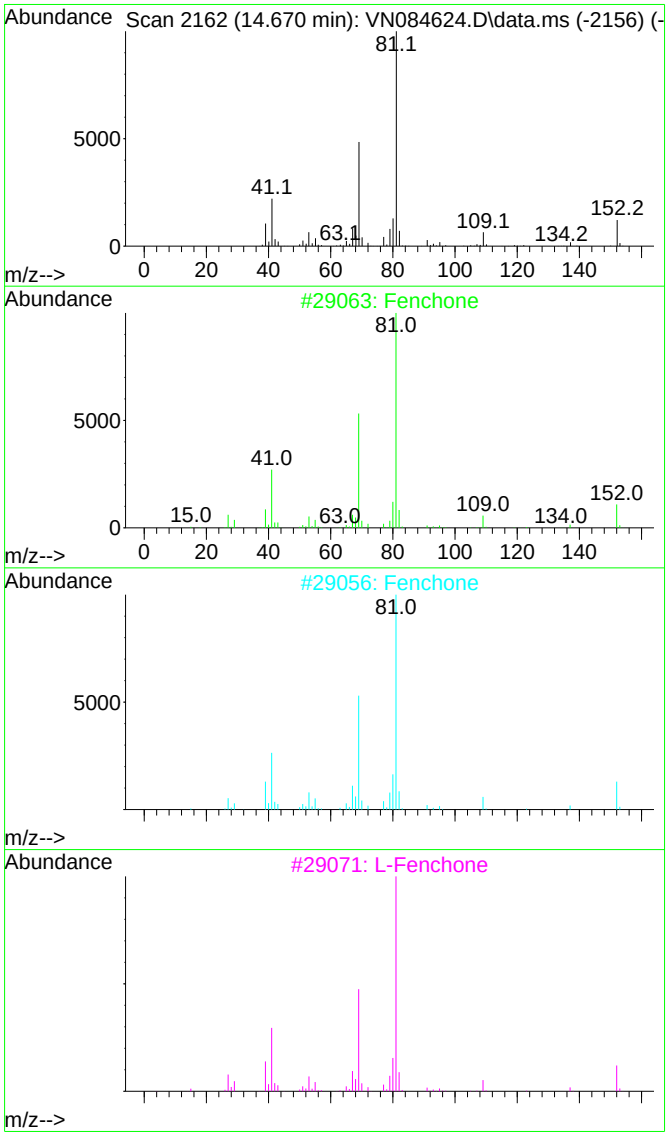
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

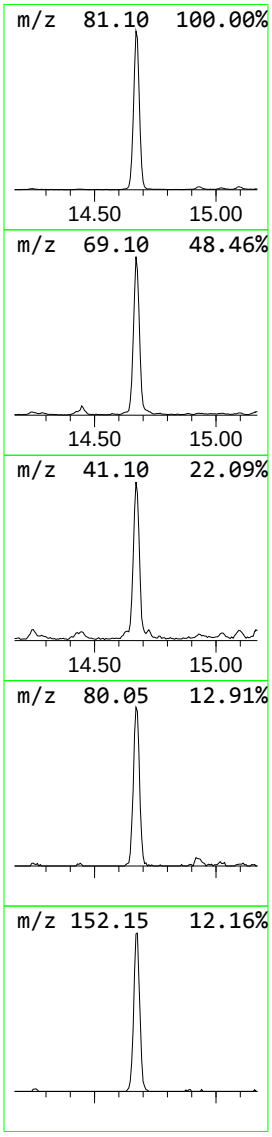
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	46.25 ug/l	800678	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	Fenchone	152	C10H16O	001195-79-5	95
3	L-Fenchone	152	C10H16O	007787-20-4	94
4	L-Fenchone	152	C10H16O	007787-20-4	94
5	D-Fenchone	152	C10H16O	004695-62-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
Data File : VN084624.D
Acq On : 31 Oct 2024 17:25
Operator : JC\MD
Sample : P4646-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241030069-01-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene hydrate	8.671	4.8	ug/l	61141	2	9.100	381557	30.0
3-Pentanone, 2,...	11.171	7.7	ug/l	133200	3	11.865	519314	30.0
7-Oxabicyclo[2....	13.606	5.6	ug/l	96231	3	11.865	519314	30.0
5-Hepten-2-one,...	13.859	7.2	ug/l	124208	3	11.865	519314	30.0
Benzene, (2-bro...	13.994	4.4	ug/l	75928	3	11.865	519314	30.0
p-Mentha-1,5-di...	14.247	5.0	ug/l	86140	3	11.865	519314	30.0
unknown14.447	14.447	5.1	ug/l	88771	3	11.865	519314	30.0
Fenchone	14.670	46.3	ug/l	800678	3	11.865	519314	30.0