LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084876.D
Acq On : 15 Nov 2024 18:00
Operator : JC\MD
Sample : P4844-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241113075-01-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: VN084876.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	66	rVB	63527	99301	1.85%	0.514%
2	4.436	410	422	438	rBV3	55655	168663	3.14%	0.873%
3	5.541	587	610	635	rBV	1396869	5374356	100.00%	27.810%
4	7.447	918	934	946	rBV	1792954	4916888	91.49%	25.443%
5	7.547	947	951	966	rVB2	37240	105457	1.96%	0.546%
6	7.835	986	1000	1022	rBV	924508	2479579	46.14%	12.831%
7	8.576	1112	1126	1136	rBV4	83298	312690	5.82%	1.618%
8	8.665	1136	1141	1150	rVB2	35898	84791	1.58%	0.439%
9	9.094	1206	1214	1227	rVB	150491	315248	5.87%	1.631%
10	10.565	1457	1464	1470	rBV	249313	457707	8.52%	2.368%
11	10.629	1470	1475	1487	rVB2	116764	300706	5.60%	1.556%
12	11.170	1557	1567	1577	rBV	153572	276282	5.14%	1.430%
13	11.776	1662	1670	1675	rVV5	28363	77343	1.44%	0.400%
14	11.865	1675	1685	1693	rVV	215294	443686	8.26%	2.296%
15	11.965	1693	1702	1711	rVV2	112615	236312	4.40%	1.223%
16	12.065	1711	1719	1729	rVV2	104580	229251	4.27%	1.186%
17	12.394	1768	1775	1782	rBV	67783	129309	2.41%	0.669%
18	12.847	1845	1852	1861	rVB	174132	323021	6.01%	1.672%
19	13.194	1902	1911	1919	rVV7	26191	74286	1.38%	0.384%
20	13.482	1952	1960	1966	rBV3	38307	79707	1.48%	0.412%
21	13.606	1973	1981	1987	rBV3	49632	98288	1.83%	0.509%
22	13.729	1996	2002	2007	rBV	89143	137220	2.55%	0.710%
23	13.817	2011	2017	2019	rBV3	34289	61984	1.15%	0.321%
24	13.859	2019	2024	2035	rVB2	208283	394358	7.34%	2.041%
25	14.000	2042	2048	2060	rVB8	20366	59393	1.11%	0.307%
26	14.247	2083	2090	2094	rBV3	129379	242717	4.52%	1.256%
27	14.294	2094	2098	2108	rVB	276194	485186	9.03%	2.511%
28	14.441	2113	2123	2133	rBV5	37515	103387	1.92%	0.535%
29	14.635	2150	2156	2157	rBV2	46615	72414	1.35%	0.375%
30	14.676	2157	2163	2168	rVV	639559	1124208	20.92%	5.817%
31	14.935	2202	2207	2214	rBV4	31238	61386	1.14%	0.318%

Sum of corrected areas: 19325124

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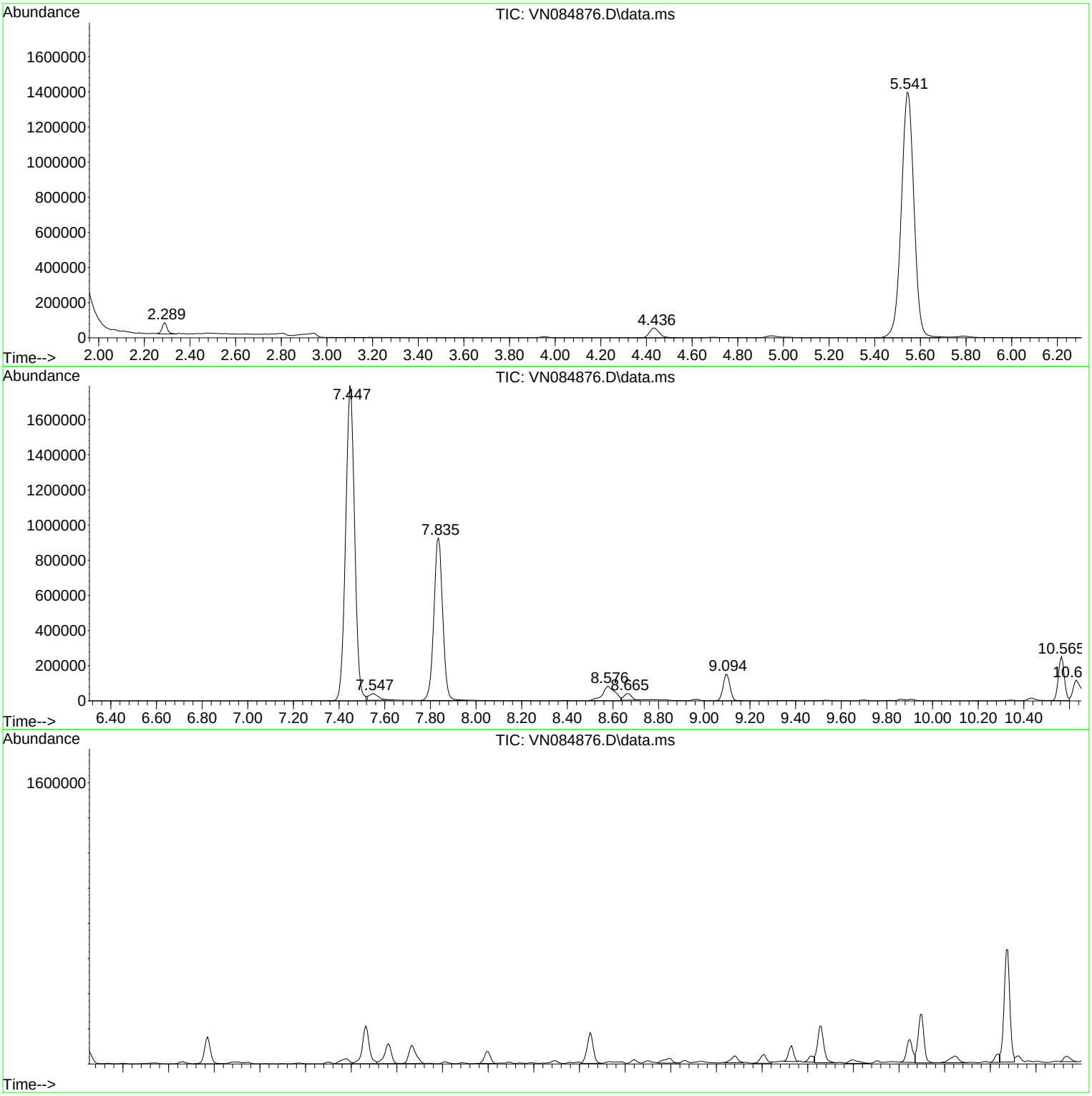
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241113075-01-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 : VN084876.D
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TIC Library : C:\Database\NIST20.L
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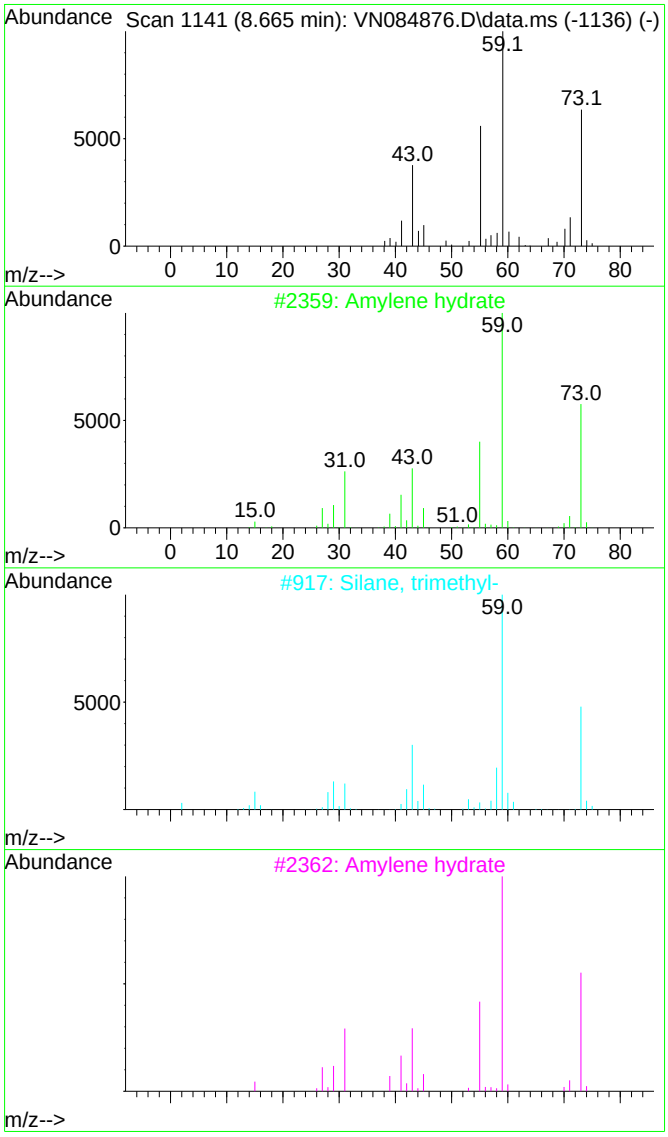
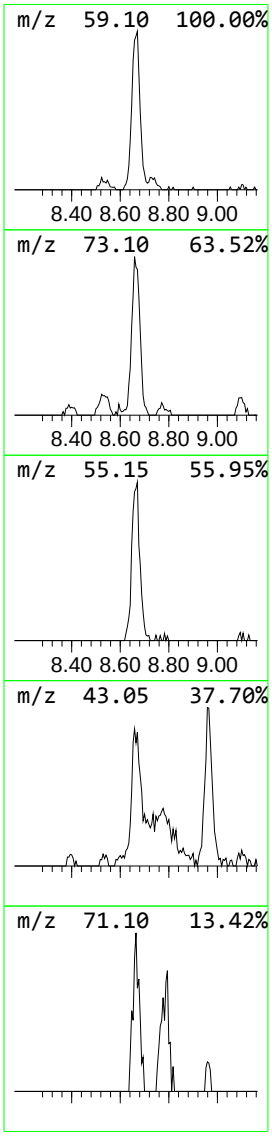
****
Peak Number 2 Amylene hydrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.665	8.07 ug/l	84791	1,4-Difluorobenzene	9.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	72
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	64
3	Amylene hydrate	88	C5H12O	000075-85-4	56
4	Amylene hydrate	88	C5H12O	000075-85-4	56
5	Amylene hydrate	88	C5H12O	000075-85-4	50





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Data File : VN084876.D
Acq On : 15 Nov 2024 18:00
Operator : JC\MD
Sample : P4844-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

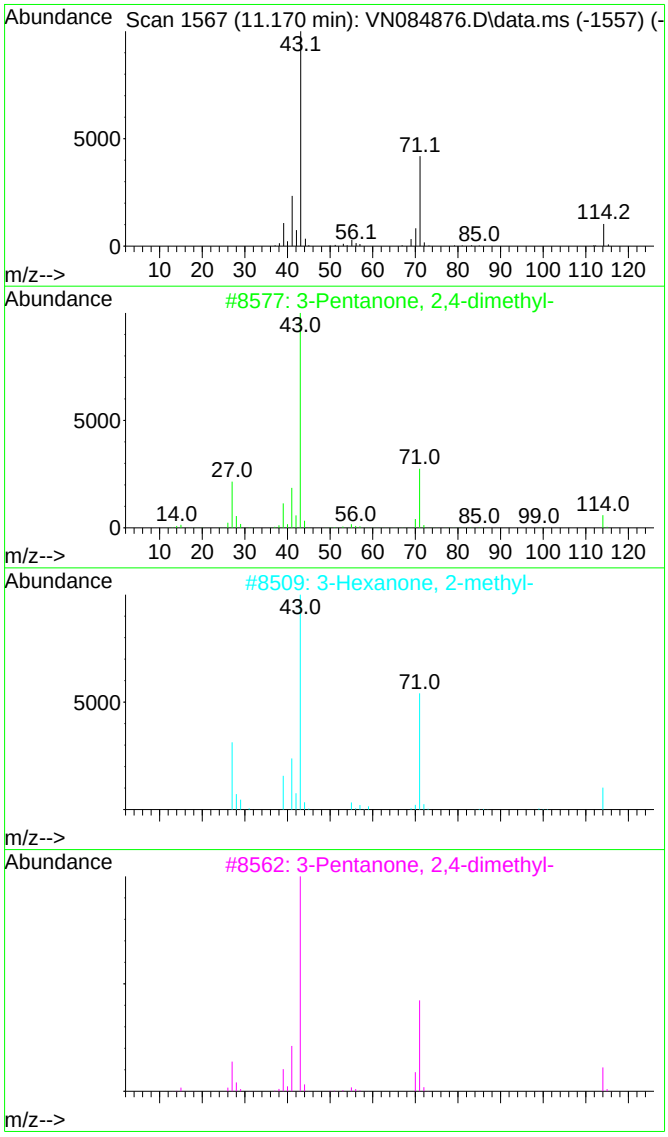
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

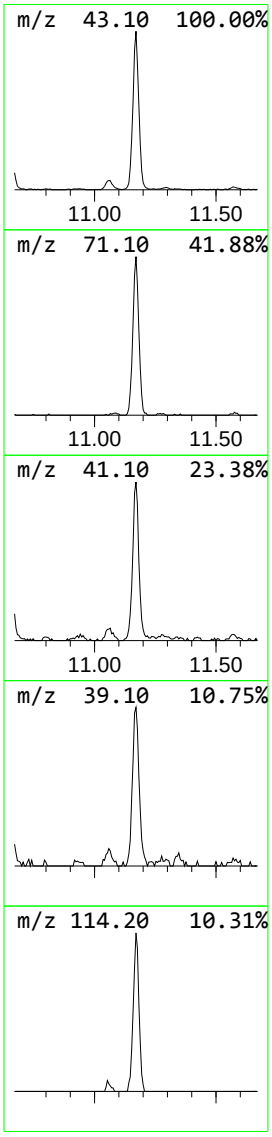
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.170	18.68 ug/l	276282	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-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	86
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	74
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	72





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MSVOA_N
ClientSampleId :
241113075-01-VOA

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

TIC Library : C:\Database\NIST20.L
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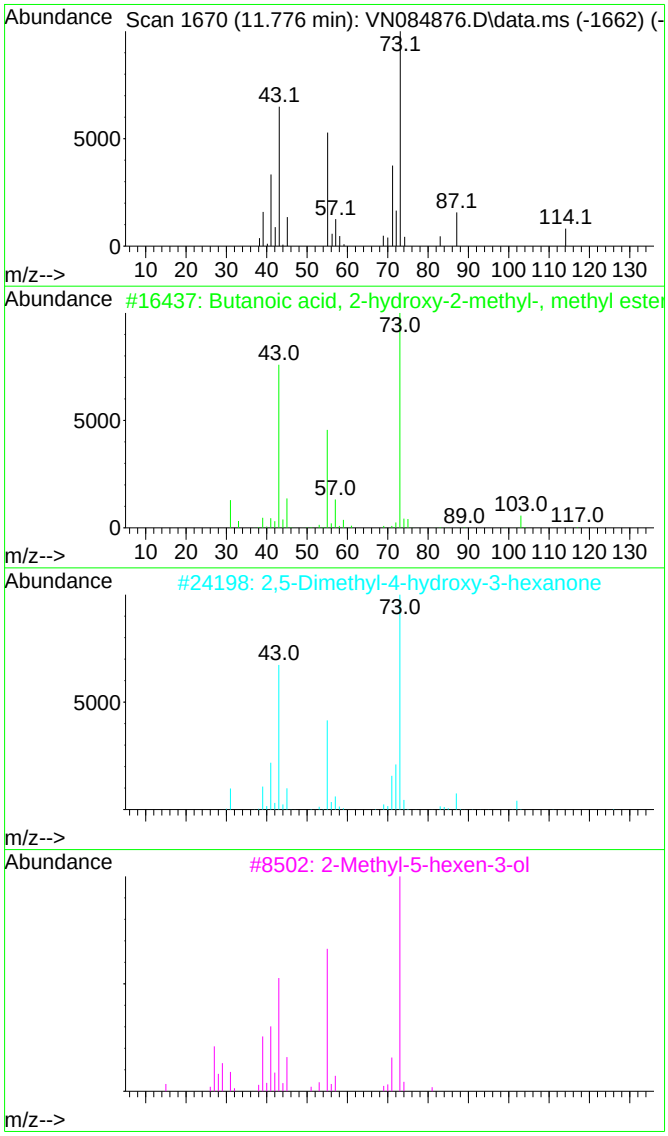
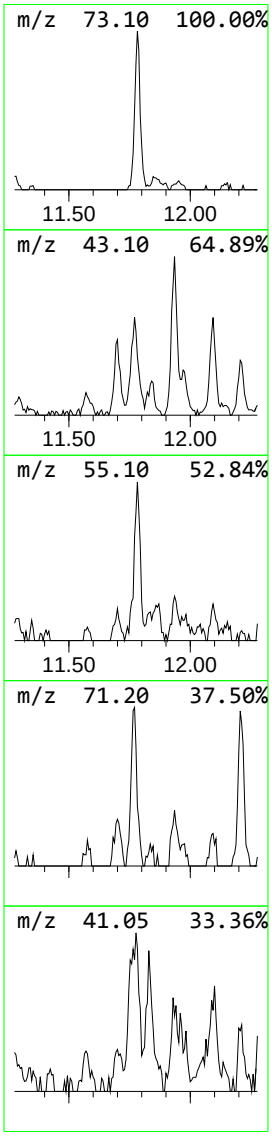
****
Peak Number 4 unknown11.776 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.776	5.23 ug/l	77343	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	43
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	42
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
5	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
Data File : VN084876.D
Acq On : 15 Nov 2024 18:00
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Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
241113075-01-VOA

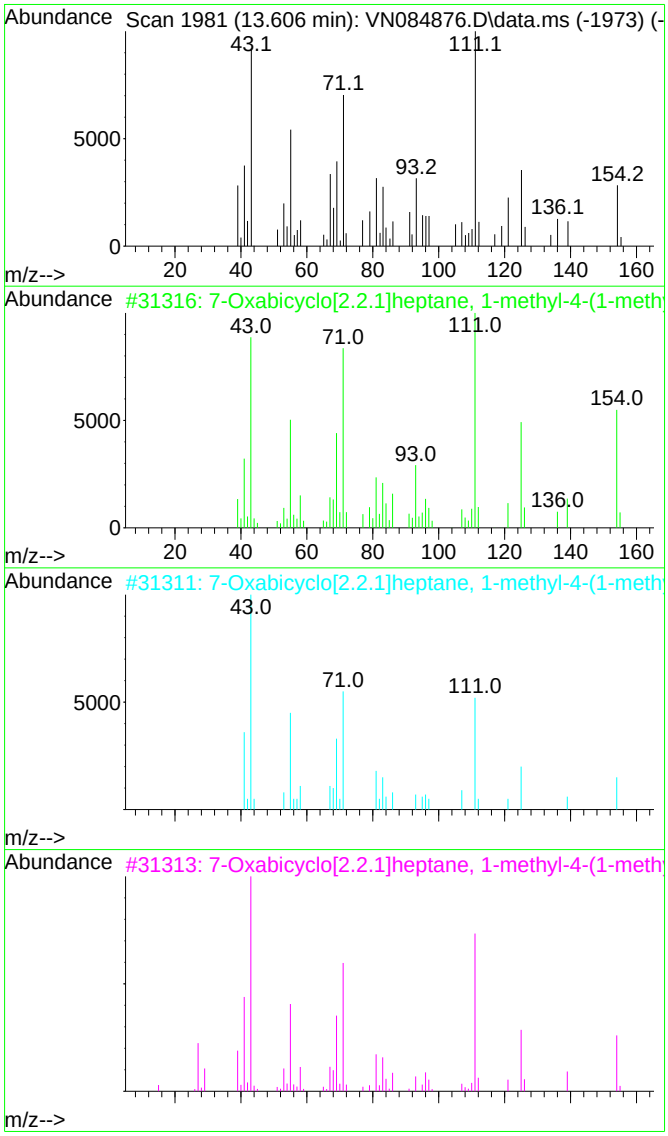
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

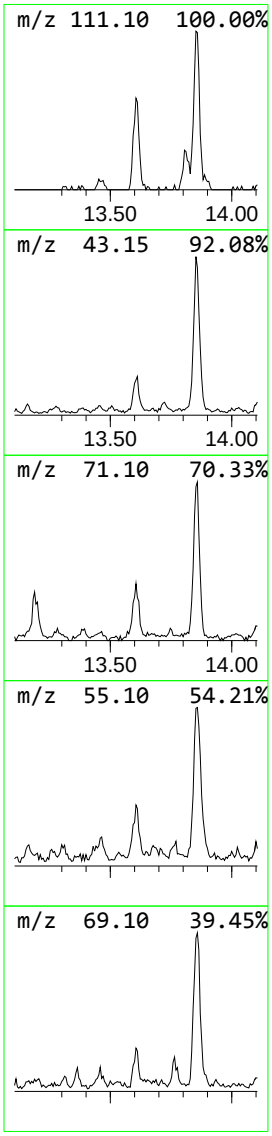
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.606	6.65 ug/l	98288	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	94
2	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	91
3	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	91
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	87
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	76





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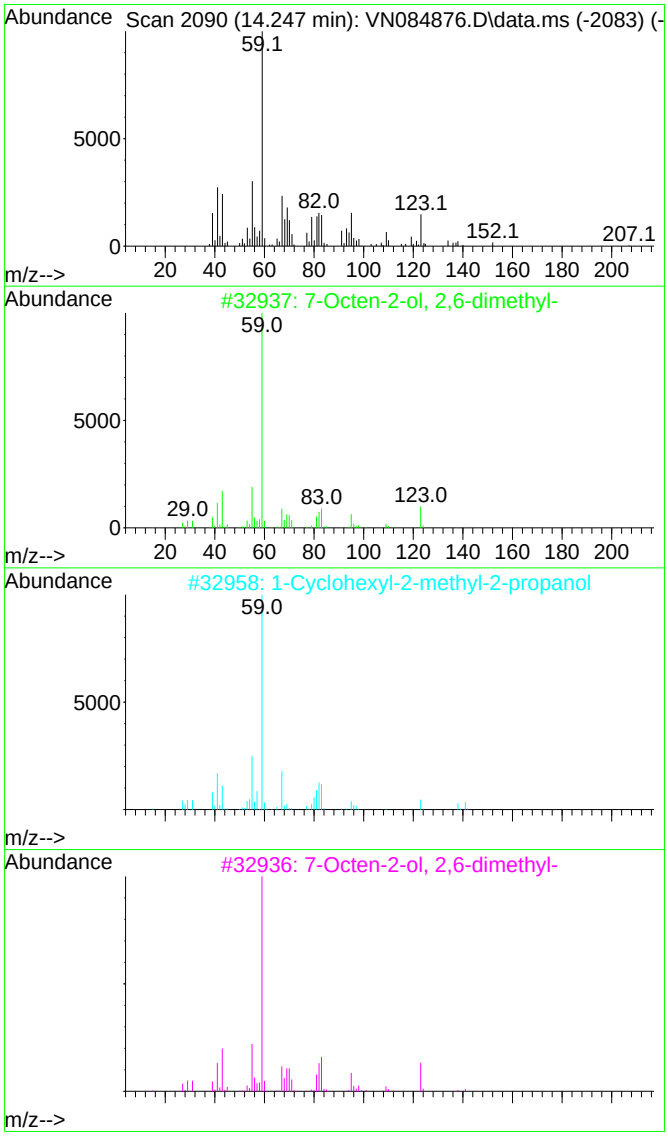
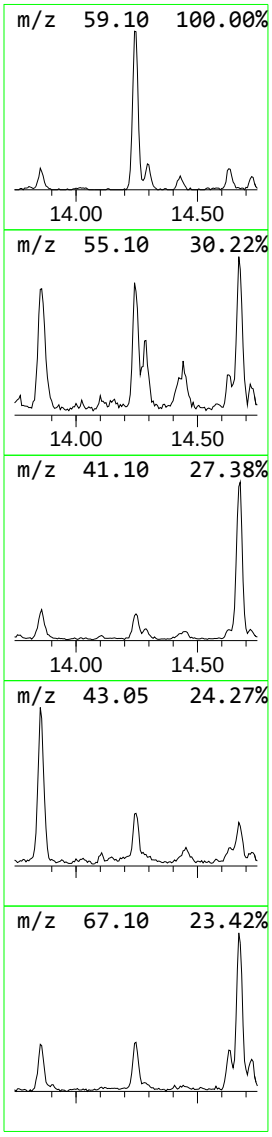
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	16.41 ug/l	242717	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	80
2	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	72
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	56
5	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	53





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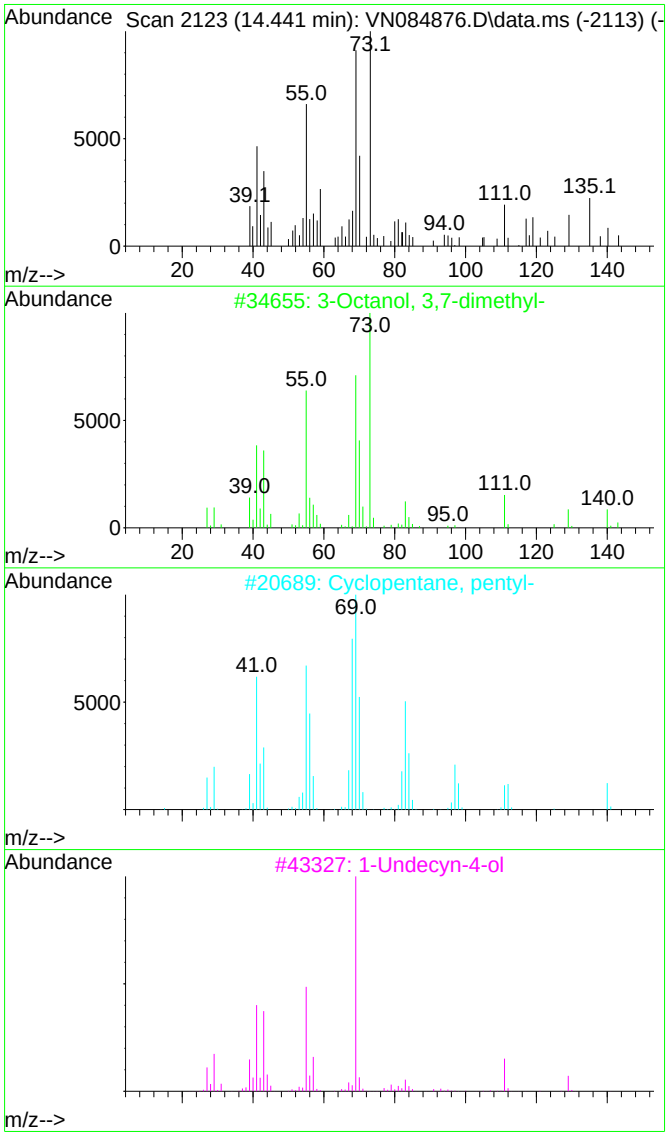
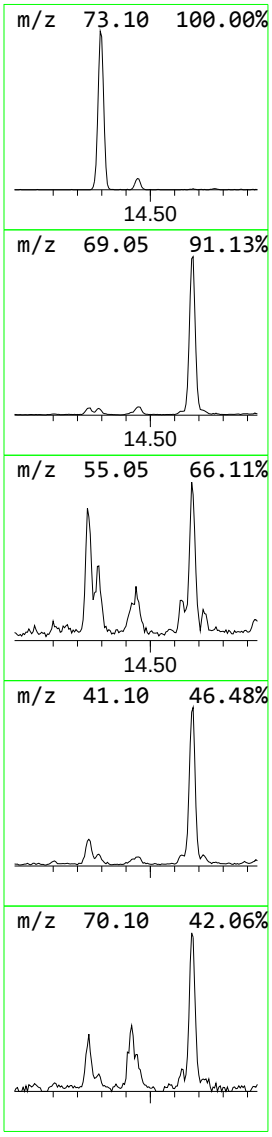
****
Peak Number 8 3-Octanol, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	6.99 ug/l	103387	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	53
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	43
3	1-Undecyn-4-ol	168	C11H20O	022127-86-2	35
4	2,2,4-Trimethyl-3-hydroxy-n-vale...	141	C8H15NO	059346-56-4	35
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	35





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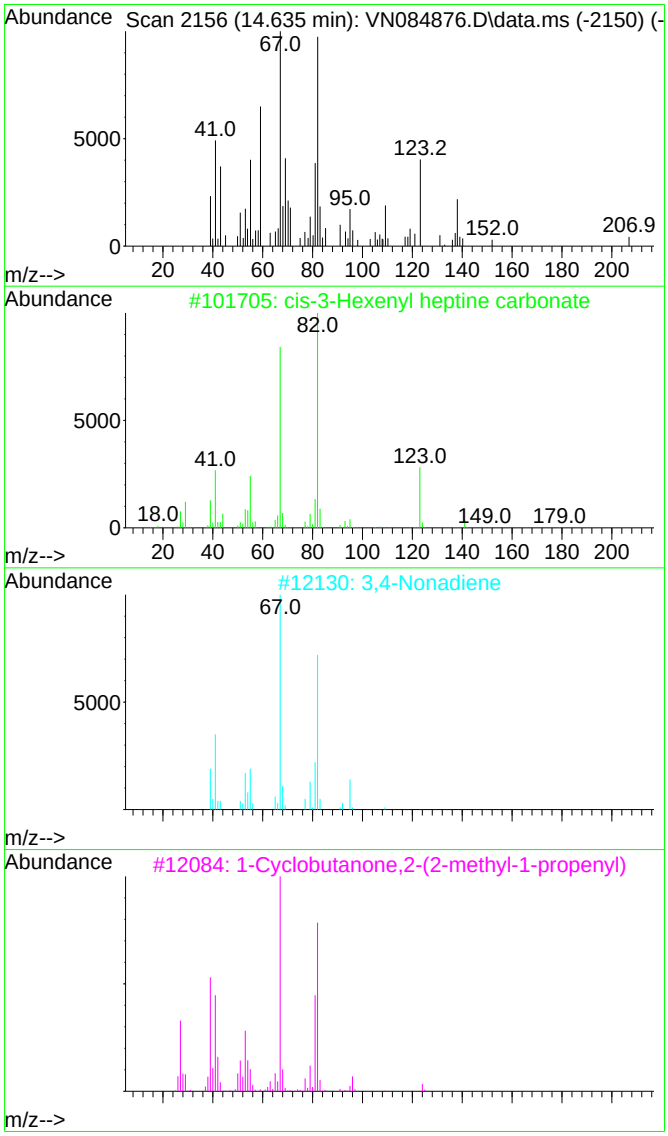
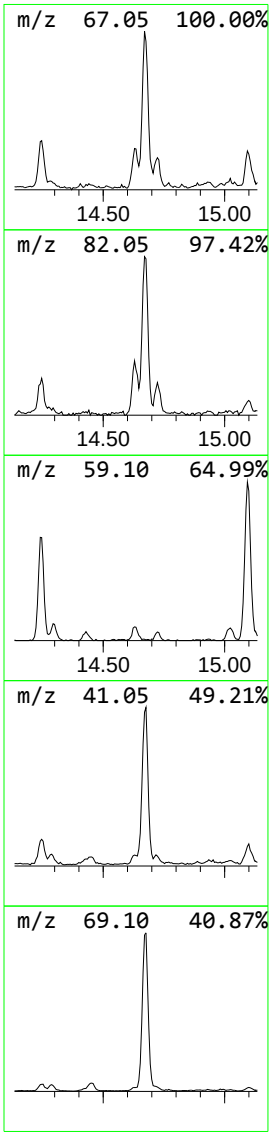
****
Peak Number 9 cis-3-Hexenyl heptine carbo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	4.90 ug/l	72414	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Hexenyl heptine carbonate	222	C14H22O2	068698-58-8	50
2	3,4-Nonadiene	124	C9H16	037050-03-6	43
3	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	38
4	4-Methyl-2-pentyne	82	C6H10	021020-27-9	38
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	38





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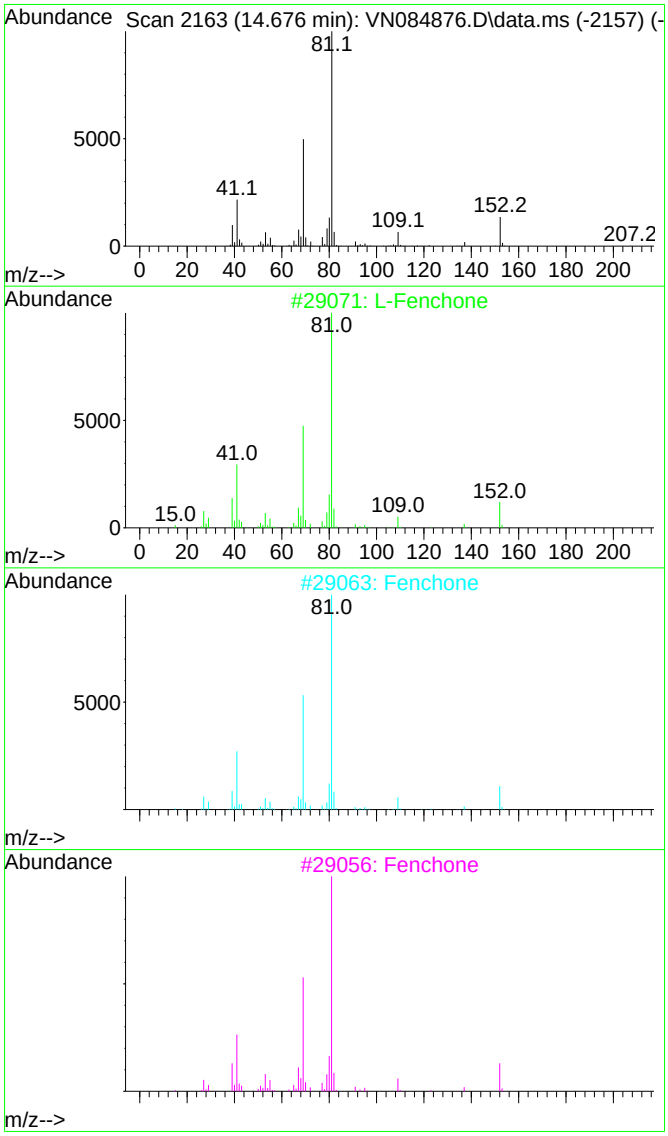
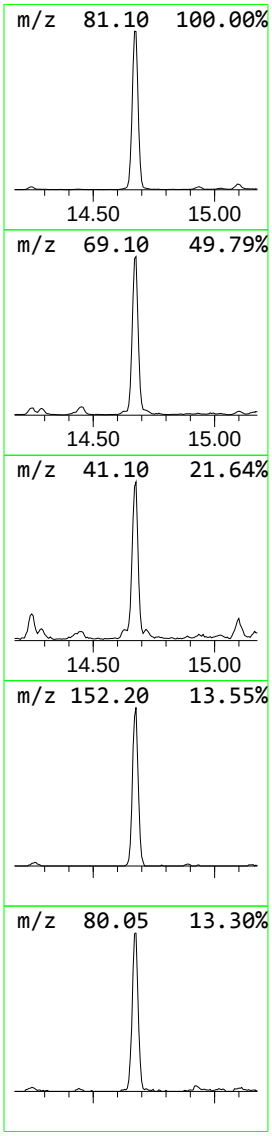
****

Peak Number 10 L-Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.676	76.01 ug/l	1124210	Chlorobenzene-d5	11.865

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





Tentatively Identified Compound (LSC) summary

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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	8.665	8.1	ug/l	84791	2	9.094	315248	30.0
3-Pentanone, 2,...	11.170	18.7	ug/l	276282	3	11.865	443686	30.0
unknown11.776	11.776	5.2	ug/l	77343	3	11.865	443686	30.0
7-Oxabicyclo[2....	13.606	6.7	ug/l	98288	3	11.865	443686	30.0
7-Octen-2-ol, 2...	14.247	16.4	ug/l	242717	3	11.865	443686	30.0
3-Octanol, 3,7-...	14.441	7.0	ug/l	103387	3	11.865	443686	30.0
cis-3-Hexenyl h...	14.635	4.9	ug/l	72414	3	11.865	443686	30.0
L-Fenchone	14.676	76.0	ug/l	1124210	3	11.865	443686	30.0