LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
Data File : VN081702.D
Acq On : 11 Apr 2024 17:26
Operator : JC\MD
Sample : P2075-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-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\624N041024W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN081702.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	52	58	67	rVB	153096	265583	1.89%	0.639%
2	2.818	138	147	163	rVB2	120278	309676	2.20%	0.745%
3	4.418	406	419	434	rBV	712241	2155296	15.34%	5.183%
4	4.712	459	469	480	rBV2	47807	154141	1.10%	0.371%
5	5.512	588	605	631	rBV	2585832	9041446	64.34%	21.742%
6	7.435	918	932	950	rBV2	4122942	14052977	100.00%	33.793%
7	7.835	981	1000	1016	rBV2	1388940	3881038	27.62%	9.333%
8	8.588	1111	1128	1135	rBV5	143303	512025	3.64%	1.231%
9	8.659	1136	1140	1158	rVB3	105648	321623	2.29%	0.773%
10	9.100	1206	1215	1224	rBV2	207331	430860	3.07%	1.036%
11	10.565	1457	1464	1471	rBV	384920	730736	5.20%	1.757%
12	10.635	1471	1476	1488	rVB2	145461	420098	2.99%	1.010%
13	11.170	1558	1567	1578	rBV	230508	461119	3.28%	1.109%
14	11.865	1675	1685	1695	rVV	391386	867895	6.18%	2.087%
15	11.965	1695	1702	1710	rVV2	127402	289301	2.06%	0.696%
16	12.070	1710	1720	1729	rVV2	170592	432498	3.08%	1.040%
17	12.400	1762	1776	1781	rBV2	131939	265746	1.89%	0.639%
18	12.853	1846	1853	1861	rVB	378381	704028	5.01%	1.693%
19	13.194	1902	1911	1918	rVB9	58712	165424	1.18%	0.398%
20	13.482	1949	1960	1973	rVB2	85625	257169	1.83%	0.618%
21	13.606	1973	1981	1987	rBV4	109672	221947	1.58%	0.534%
22	13.729	1996	2002	2007	rBV	120507	190878	1.36%	0.459%
23	13.858	2019	2024	2036	rVB4	327990	665037	4.73%	1.599%
24	14.000	2042	2048	2061	rVB4	67765	169876	1.21%	0.408%
25	14.247	2084	2090	2094	rBV2	248939	435357	3.10%	1.047%
26	14.300	2094	2099	2109	rVB	603288	1060062	7.54%	2.549%
27	14.453	2114	2125	2131	rBV6	85941	223058	1.59%	0.536%
28	14.676	2157	2163	2169	rVV	1675212	2719616	19.35%	6.540%
29	14.935	2202	2207	2214	rBV7	88258	181208	1.29%	0.436%

Sum of corrected areas: 41585718

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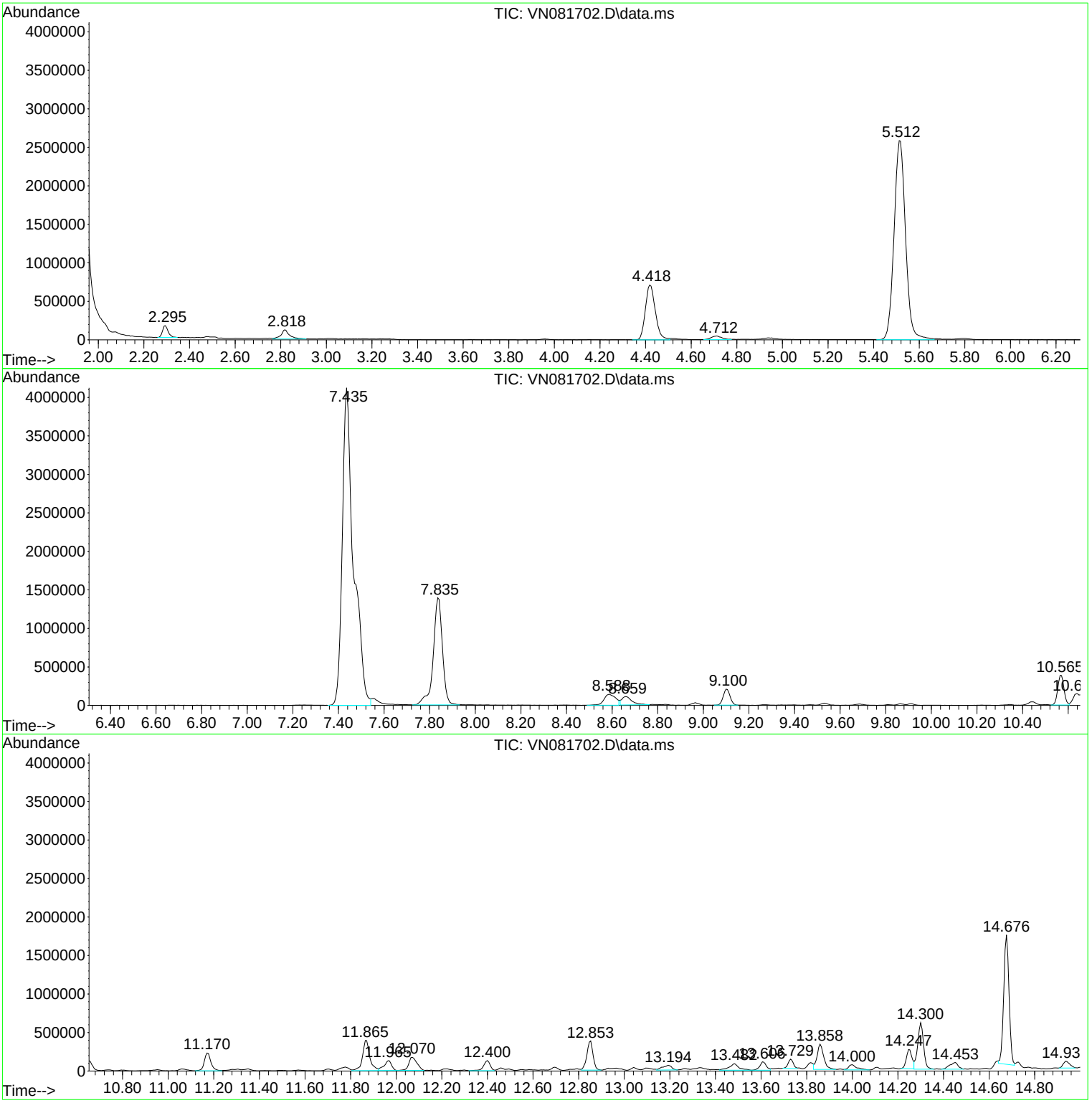
Sample : P2075-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.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 : VN081702.D
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Operator : JC\MD
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Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

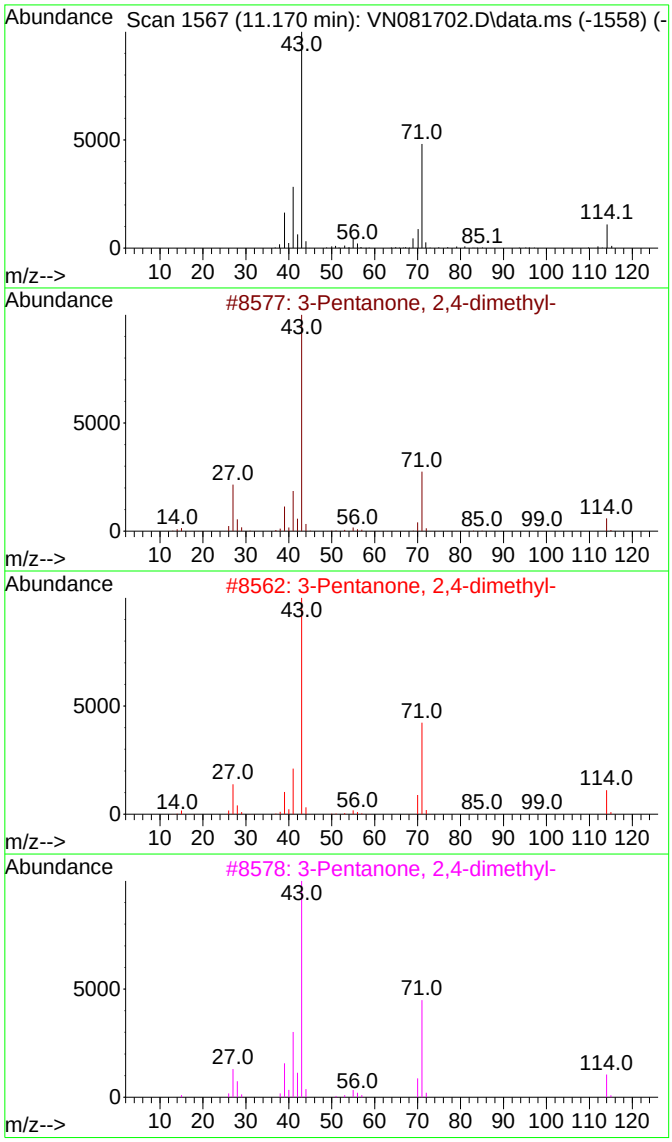
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

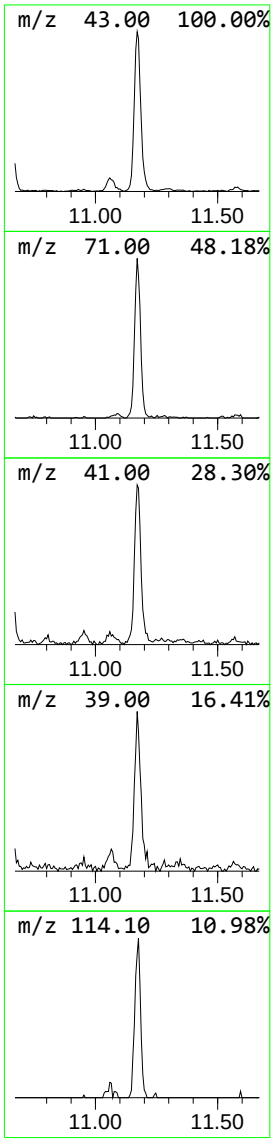
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.170	15.94 ug/l	461119	Chlorobenzene-d5	11.870

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	80
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	80
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	80
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	72





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Data File : VN081702.D
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Operator : JC\MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

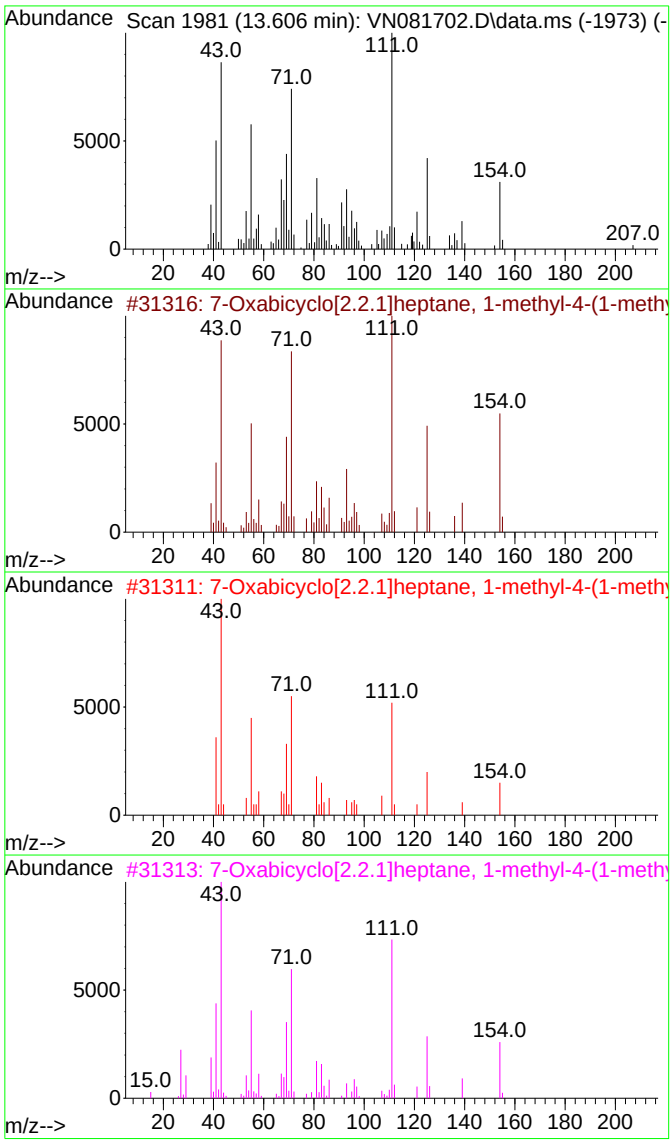
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

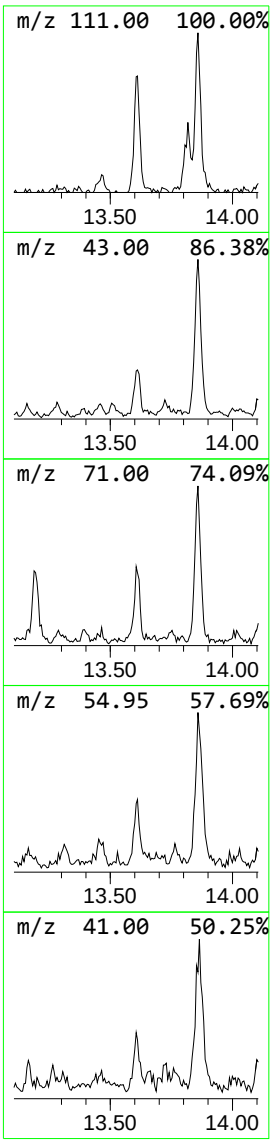
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.606	7.67 ug/l	221947	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	95
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	90
4	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	90
5	7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
Data File : VN081702.D
Acq On : 11 Apr 2024 17:26
Operator : JC\MD
Sample : P2075-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

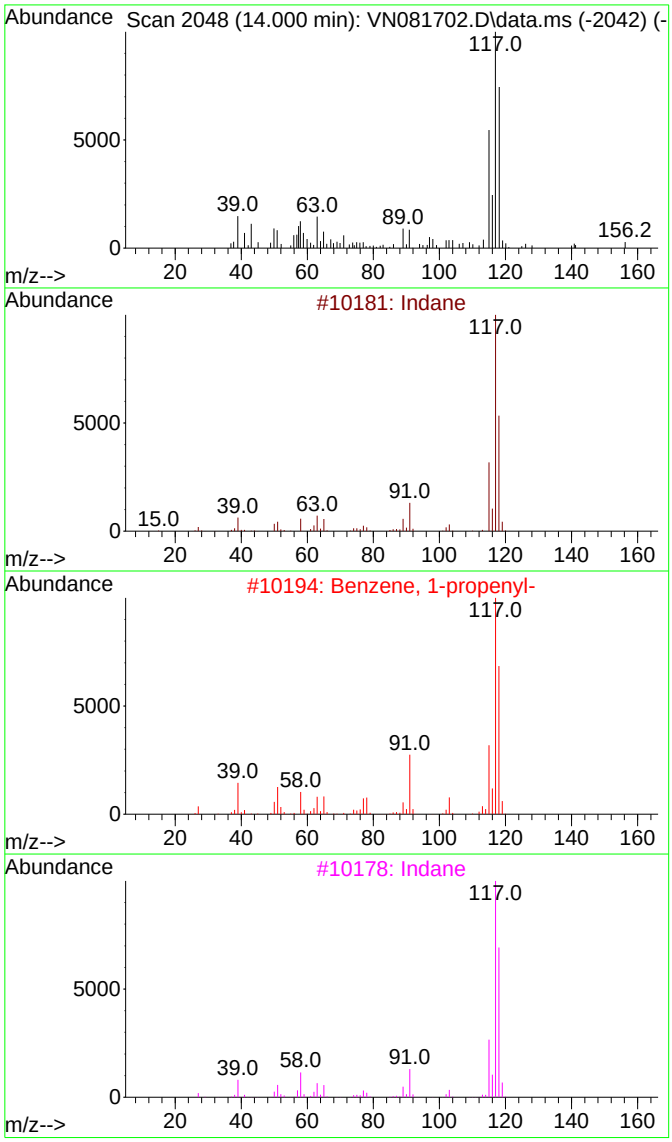
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

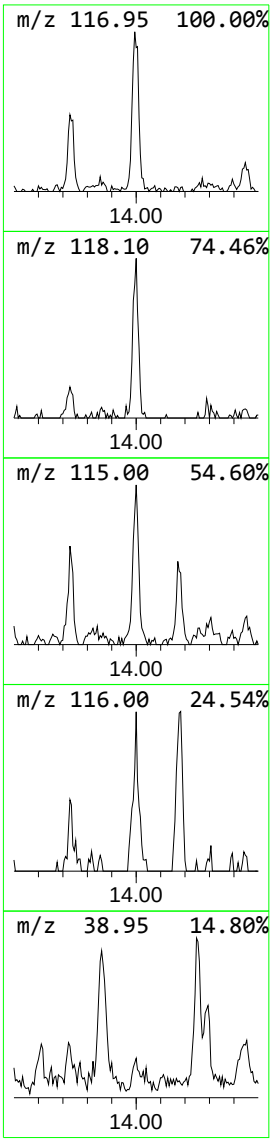
****

Peak Number 4 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	5.87 ug/l	169876	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	58
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
3	Indane	118	C9H10	000496-11-7	53
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	52
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
Data File : VN081702.D
Acq On : 11 Apr 2024 17:26
Operator : JC\MD
Sample : P2075-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

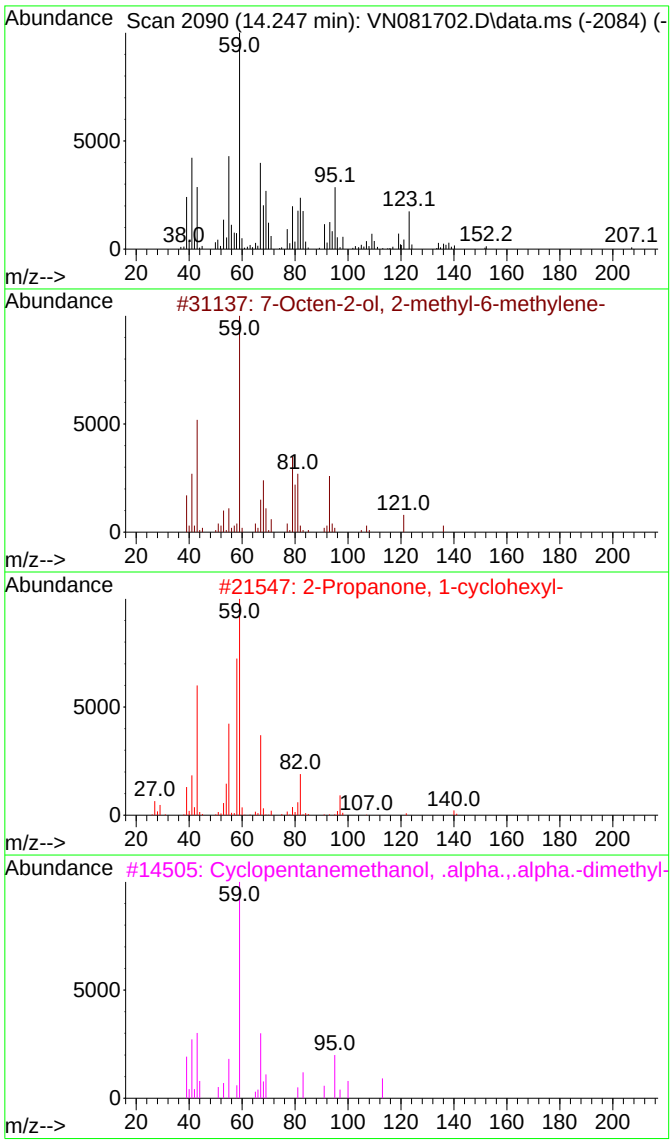
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

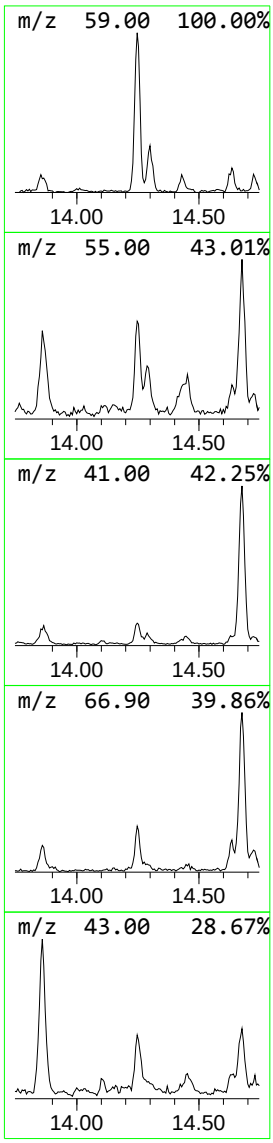
****

Peak Number 5 unknown14.247 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	15.05 ug/l	435357	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	47
2	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	43
3	Cyclopentanemethanol, .alpha.,.a...	128	C8H16O	001462-06-2	40
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	38
5	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
Data File : VN081702.D
Acq On : 11 Apr 2024 17:26
Operator : JC\MD
Sample : P2075-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

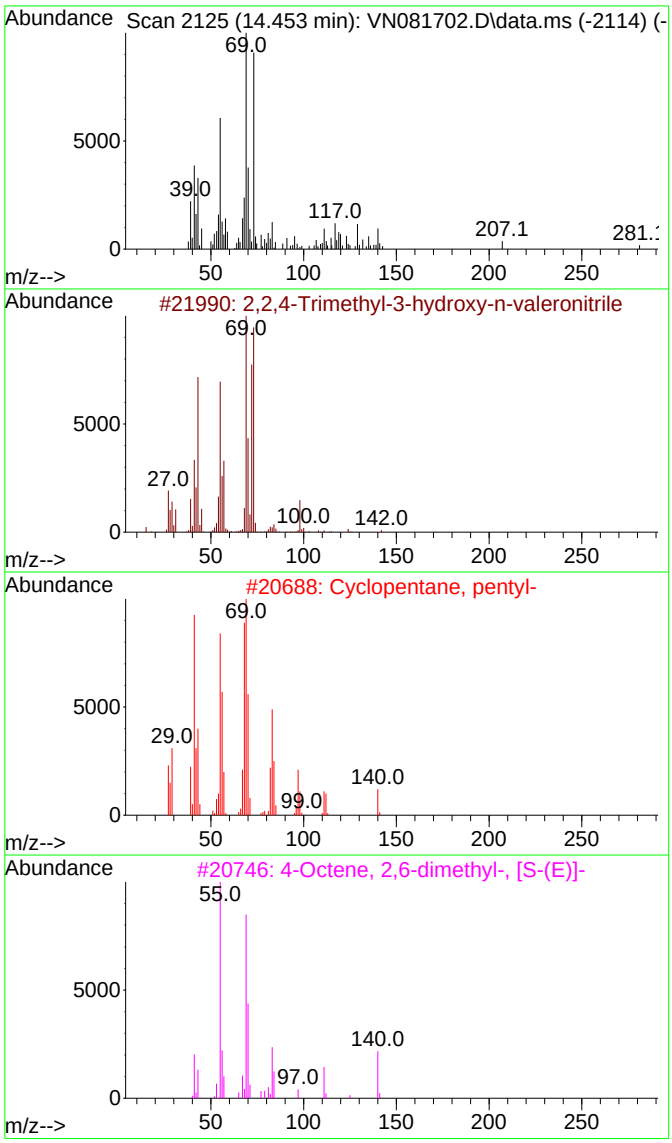
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

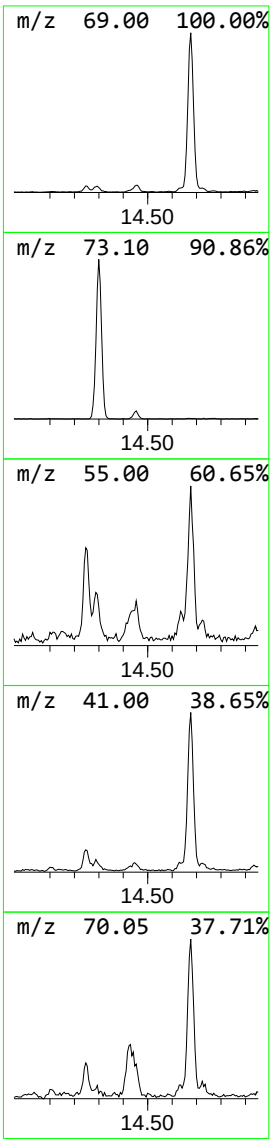
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,2,4-Trimethyl-3-hydroxy-n... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.453	7.71 ug/l	223058	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-hydroxy-n-vale...	141	C8H15NO	059346-56-4	50
2	Cyclopentane, pentyl-	140	C10H20	003741-00-2	47
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	46
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	43
5	Geranyl formate	182	C11H18O2	000105-86-2	43





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Data File : VN081702.D
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Operator : JC\MD
Sample : P2075-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240410102-02-VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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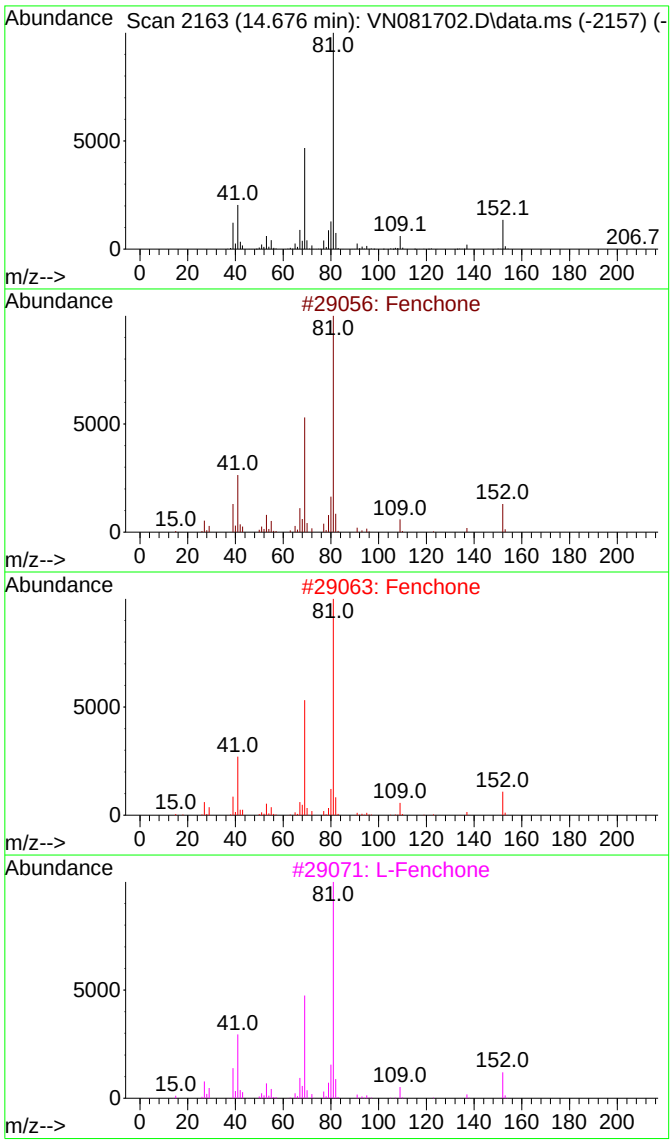
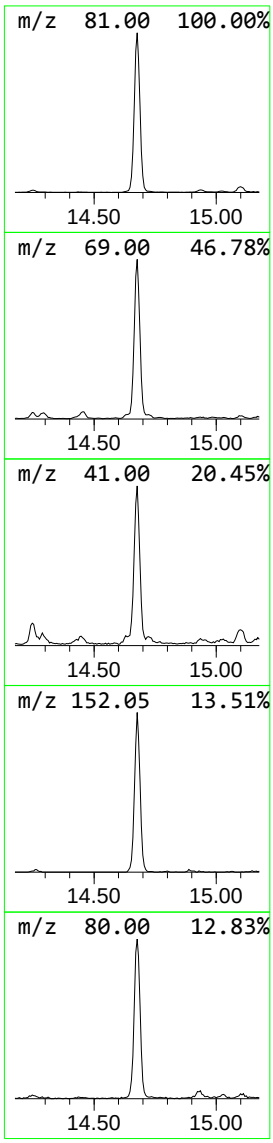
****

Peak Number 8 Fenchone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.676	94.01 ug/l	2719620	Chlorobenzene-d5	11.870

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	D-Fenchone	152	C10H16O	004695-62-9	94
5	L-Fenchone	152	C10H16O	007787-20-4	94





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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
240410102-02-VOA

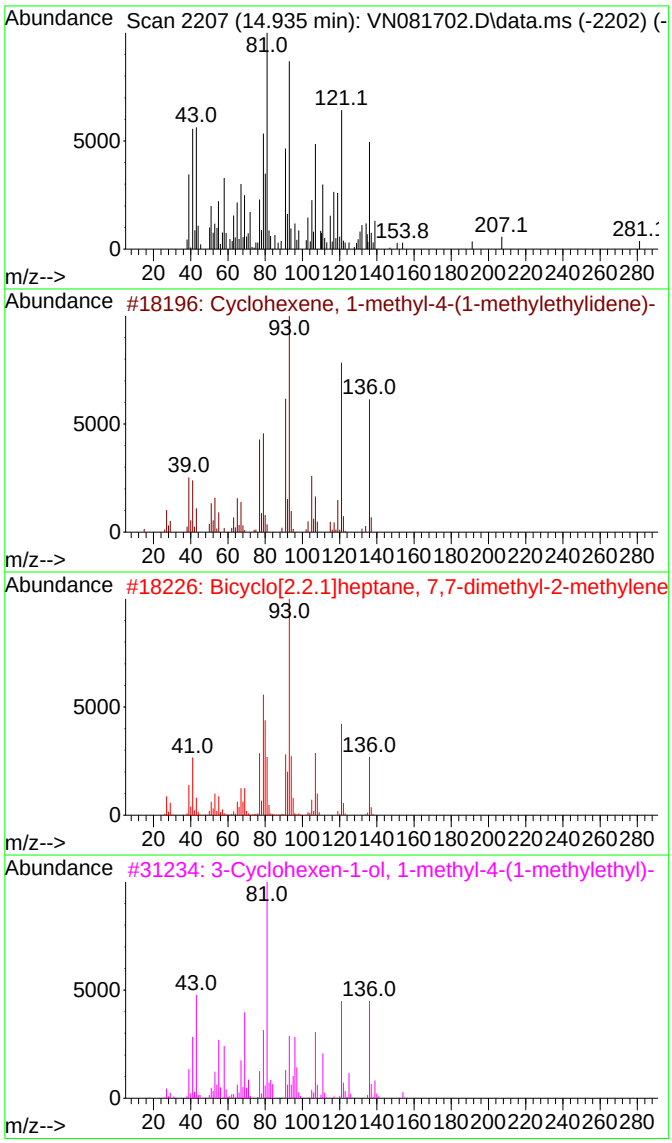
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

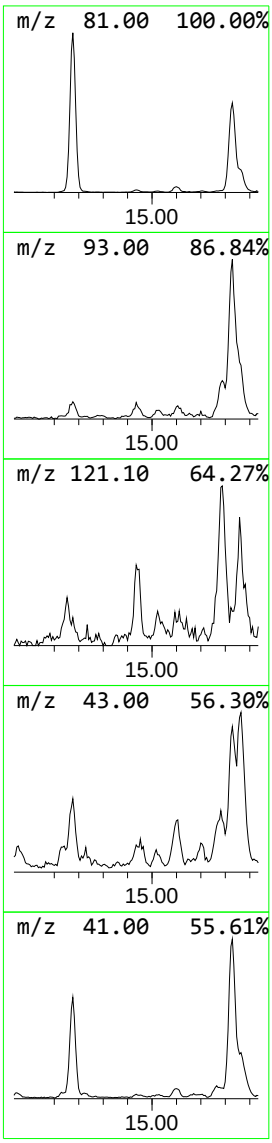
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.935	6.26 ug/l	181208	Chlorobenzene-d5	11.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	50
2	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	49
3	3-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	000586-82-3	49
4	Cycloheptene, 5-ethylidene-1-met...	136	C10H16	015402-94-5	46
5	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	46





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Pentanone, 2,...	11.170	15.9	ug/l	461119	3	11.870	867895	30.0
7-Oxabicyclo[2....	13.606	7.7	ug/l	221947	3	11.870	867895	30.0
Indane	14.000	5.9	ug/l	169876	3	11.870	867895	30.0
unknown14.247	14.247	15.1	ug/l	435357	3	11.870	867895	30.0
2,2,4-Trimethyl...	14.453	7.7	ug/l	223058	3	11.870	867895	30.0
Fenchone	14.676	94.0	ug/l	2719620	3	11.870	867895	30.0
Cyclohexene, 1-...	14.935	6.3	ug/l	181208	3	11.870	867895	30.0