LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
Data File : VN060241.D
Acq On : 25 Feb 2020 17:52
Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82N021220W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.236	443	455	467	rBV2	8699	20603	1.78%	0.224%
2	7.567	1785	1802	1813	rBV	138114	342911	29.57%	3.723%
3	7.641	1813	1825	1852	rVB	264206	636476	54.89%	6.910%
4	8.005	1922	1938	1960	rVB	155282	364976	31.48%	3.963%
5	8.567	2095	2113	2133	rVB	394616	821498	70.85%	8.919%
6	10.078	2568	2583	2599	rBV	626042	1159502	100.00%	12.589%
7	10.252	2627	2637	2653	rVB2	15258	36488	3.15%	0.396%
8	10.786	2796	2803	2816	rBV	11432	27970	2.41%	0.304%
9	11.400	2981	2994	3008	rVB	591981	1024502	88.36%	11.123%
10	12.397	3292	3304	3323	rVB	523849	874880	75.45%	9.499%
11	12.866	3442	3450	3455	rBV4	8618	12864	1.11%	0.140%
12	13.004	3486	3493	3503	rBV3	8663	12907	1.11%	0.140%
13	13.082	3510	3517	3525	rBV	14028	20362	1.76%	0.221%
14	13.191	3543	3551	3555	rBV7	12115	18521	1.60%	0.201%
15	13.339	3585	3597	3607	rBV	656297	1072234	92.47%	11.641%
16	13.403	3607	3617	3625	rVV	290381	493191	42.53%	5.355%
17	13.445	3625	3630	3644	rVB	63431	94775	8.17%	1.029%
18	13.815	3738	3745	3753	rBV3	20051	33967	2.93%	0.369%
19	14.120	3834	3840	3848	rVB4	23692	30898	2.66%	0.335%
20	14.200	3857	3865	3884	rVB2	145289	226193	19.51%	2.456%
21	14.307	3889	3898	3902	rBV	163207	244787	21.11%	2.658%
22	14.339	3902	3908	3927	rVB	345460	538871	46.47%	5.851%
23	14.667	4000	4010	4025	rBV	626914	981372	84.64%	10.655%
24	14.844	4059	4065	4080	rVB3	74532	119811	10.33%	1.301%

Sum of corrected areas: 9210559

LSC Report - Integrated Chromatogram

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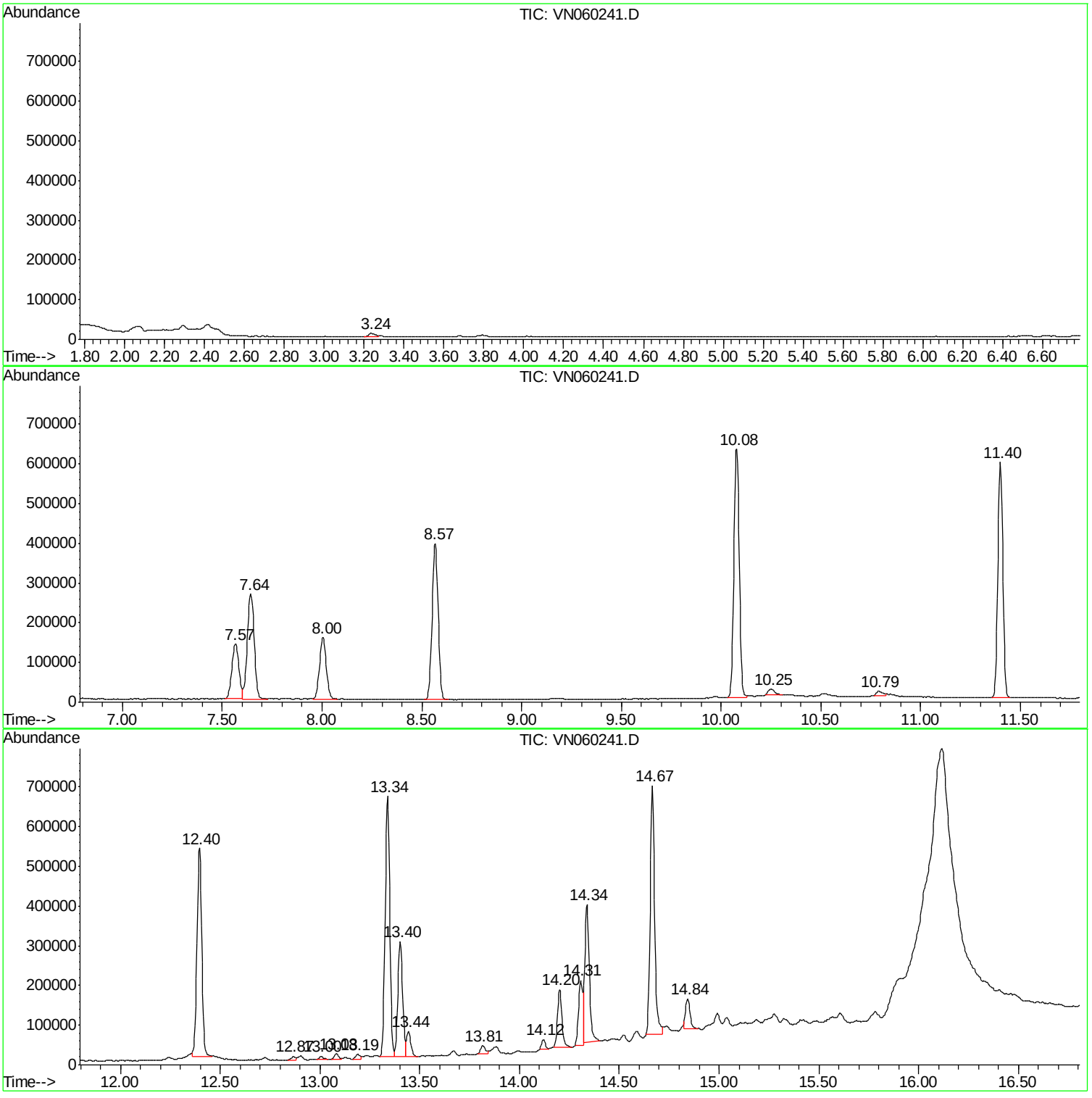
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : VN060241.D
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Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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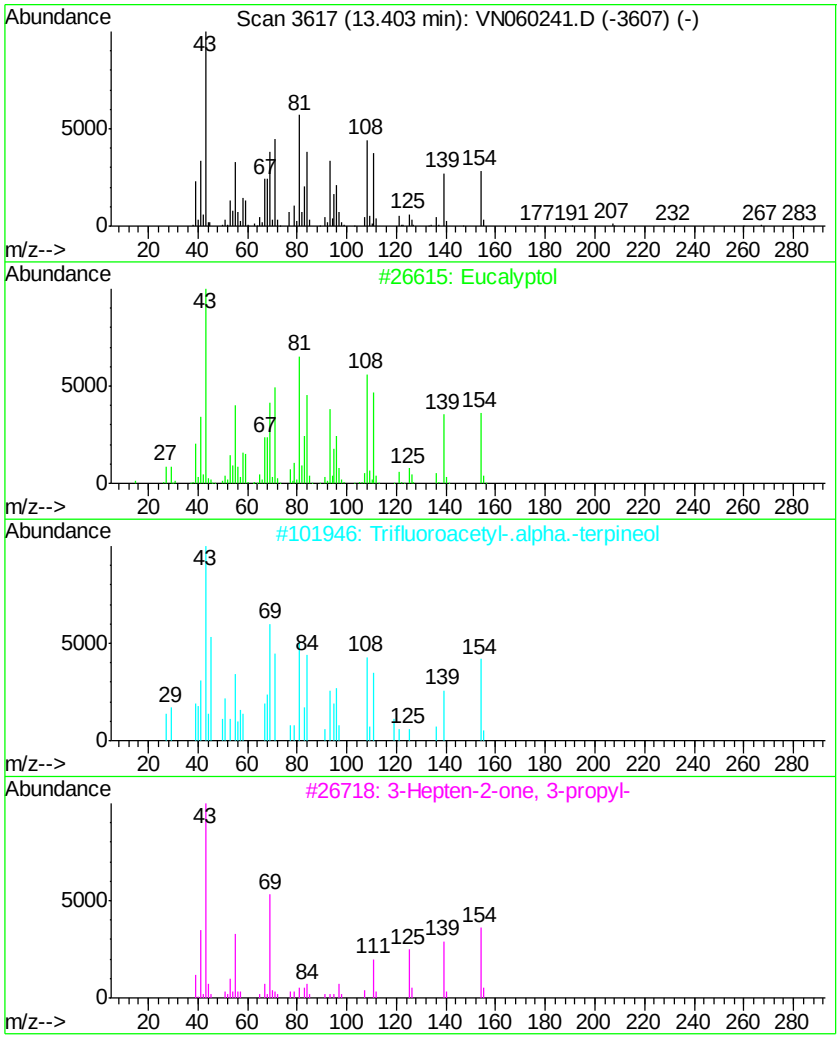
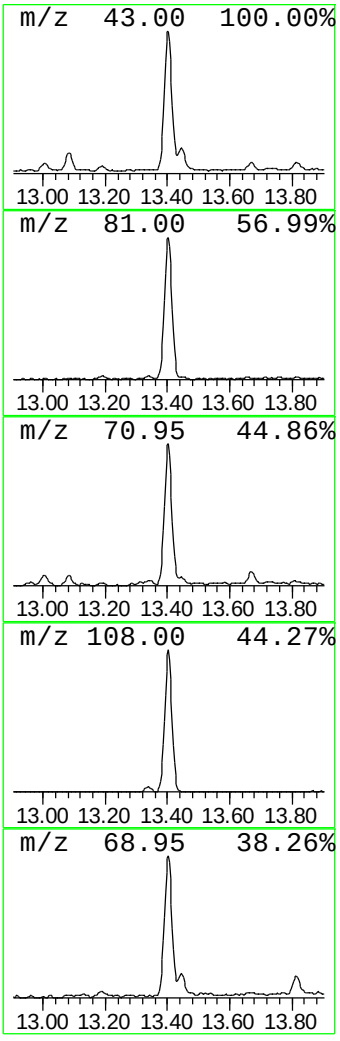
Peak Number 1 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	23.00 ug/l	493191	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	64
3	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25
4	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	25
5	2-Oxabicyclo[2.2.2]octan-6-ol, 1...	170	C10H18O2	018679-48-6	25





Library Search Compound Report

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Data File : VN060241.D
Acq On : 25 Feb 2020 17:52
Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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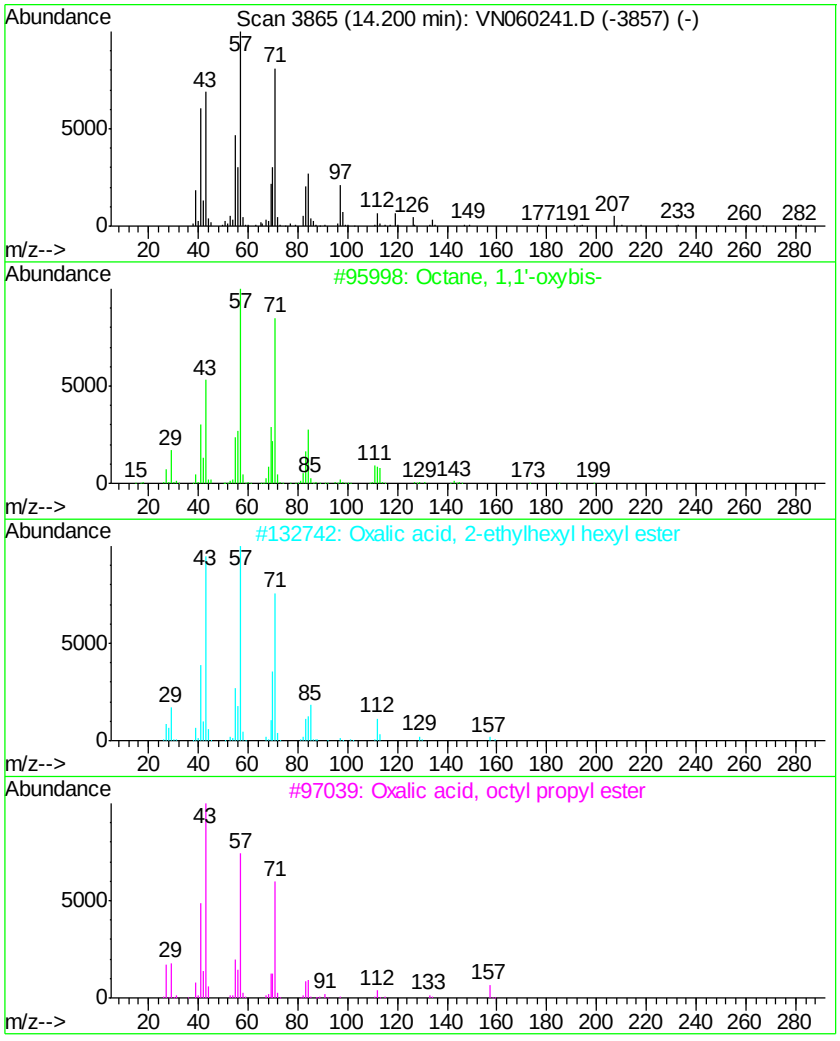
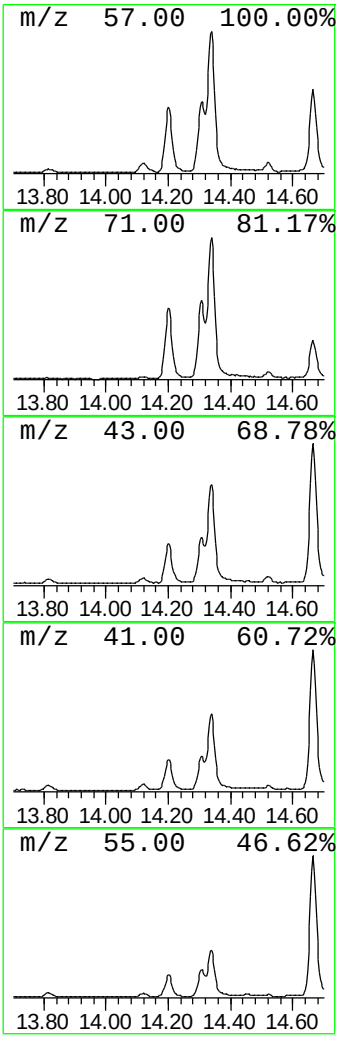
Peak Number 2 Octane, 1,1'-oxybis- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	10.55 ug/l	226193	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	80
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	53
3	Oxalic acid, octyl propyl ester	244	C13H24O4	1000309-26-1	50
4	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	50
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	47





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Acq On : 25 Feb 2020 17:52
Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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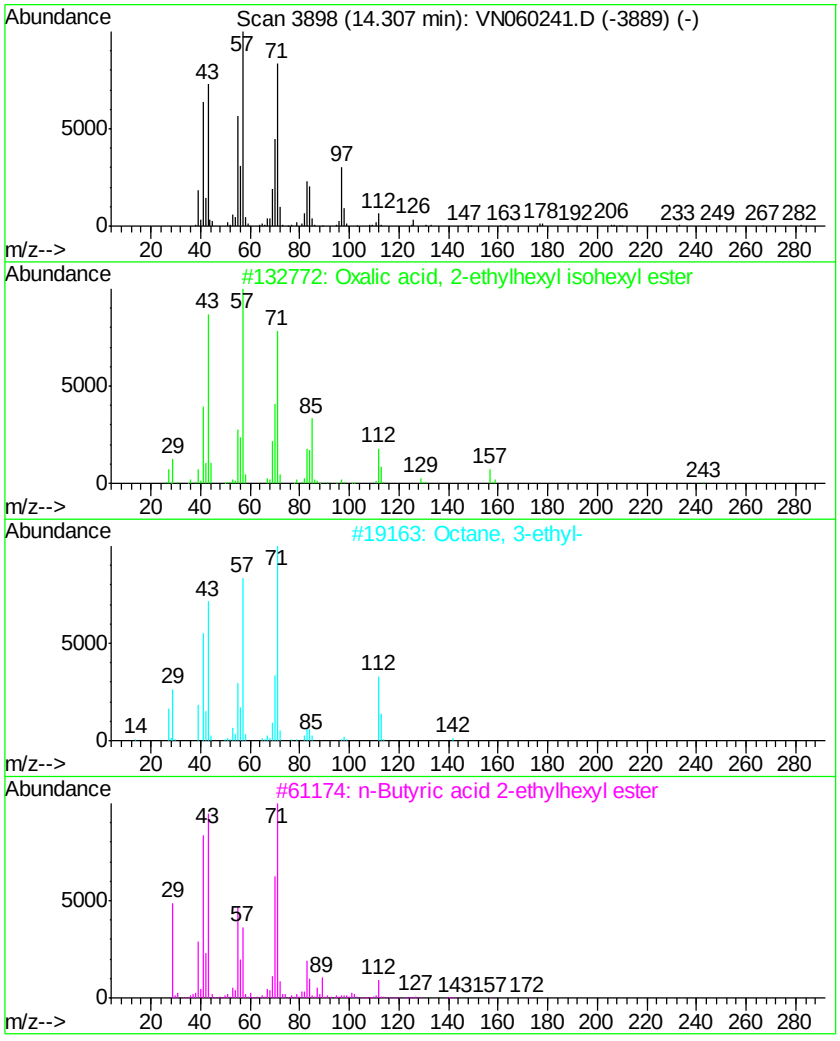
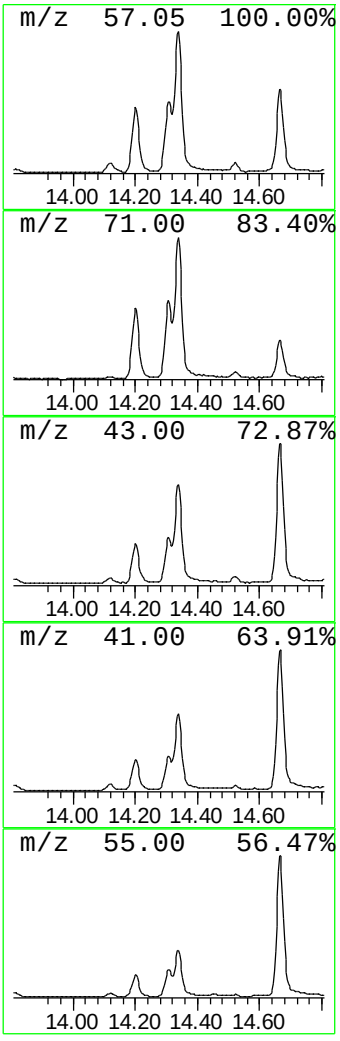
Peak Number 3 Oxalic acid, 2-ethylhexyl i... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	11.41 ug/l	244787	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	47
3	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	47
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
5	1-Undecene	154	C11H22	000821-95-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022520\
Data File : VN060241.D
Acq On : 25 Feb 2020 17:52
Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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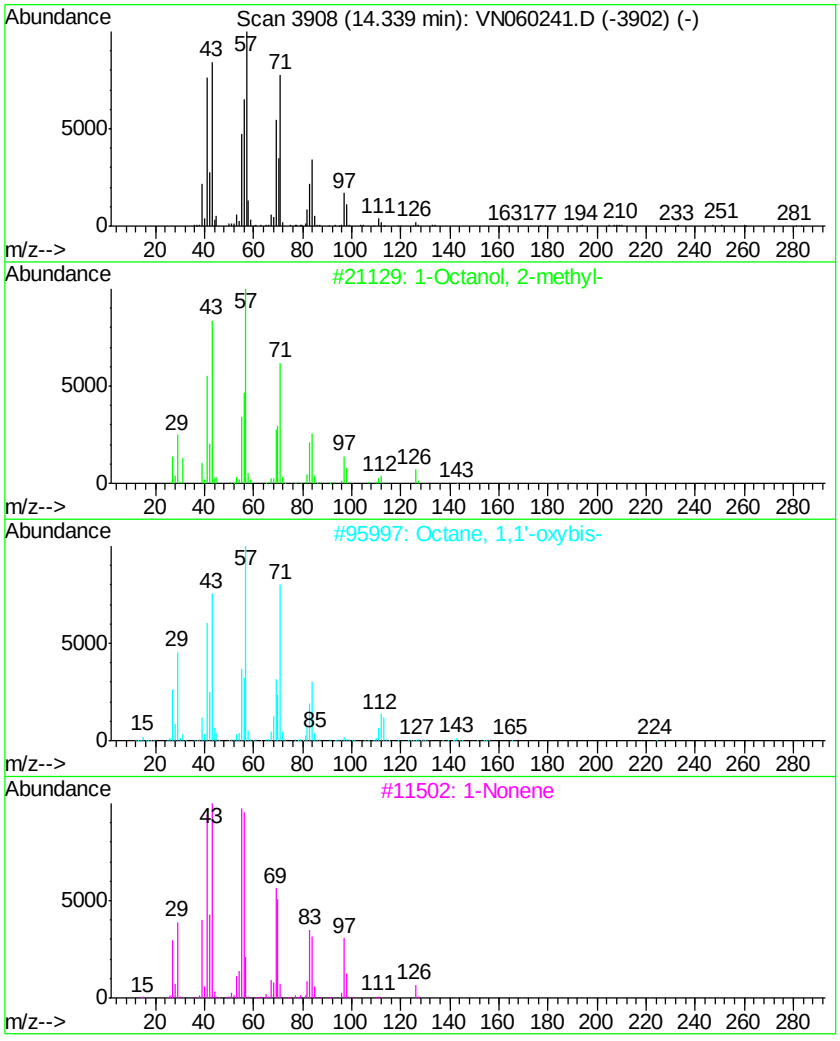
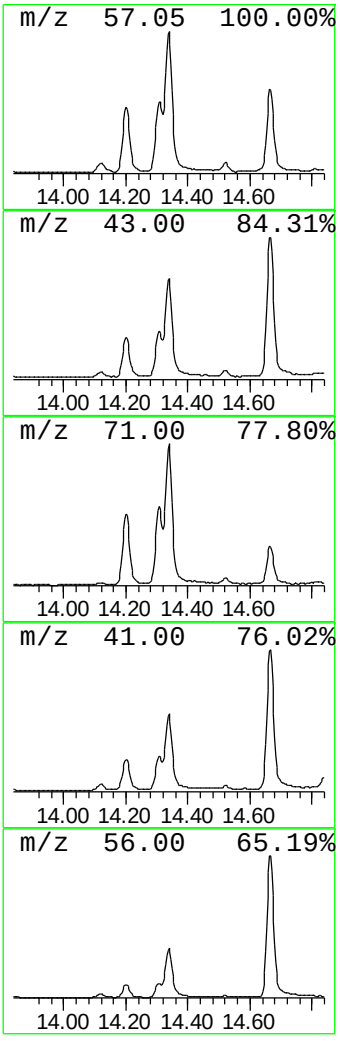
Peak Number 4 1-Octanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	25.13 ug/l	538871	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-methyl-	144	C9H20O	000818-81-5	90
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
3	1-Nonene	126	C9H18	000124-11-8	45
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	43
5	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
Data File : VN060241.D
Acq On : 25 Feb 2020 17:52
Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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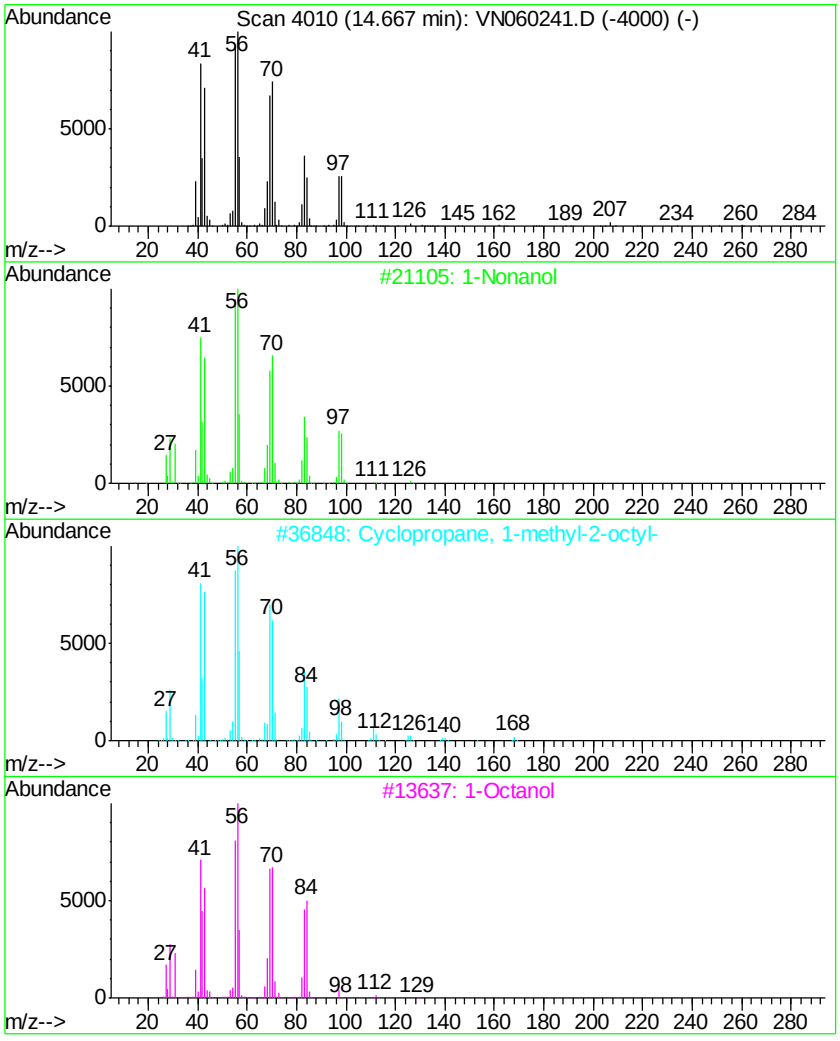
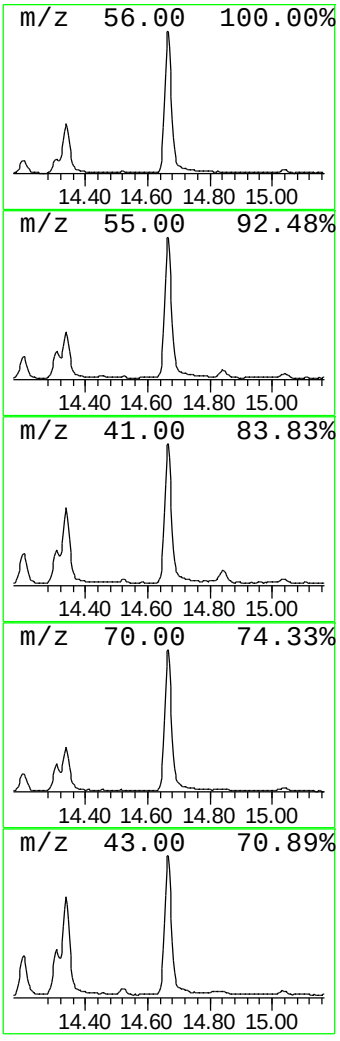
Peak Number 5 1-Nonanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	45.76 ug/l	981372	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	80
3	1-Octanol	130	C8H18O	000111-87-5	80
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	76
5	Cycloheptane	98	C7H14	000291-64-5	74





Library Search Compound Report

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Acq On : 25 Feb 2020 17:52
Operator : JC/MD
Sample : L1670-13 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WATER-COMP

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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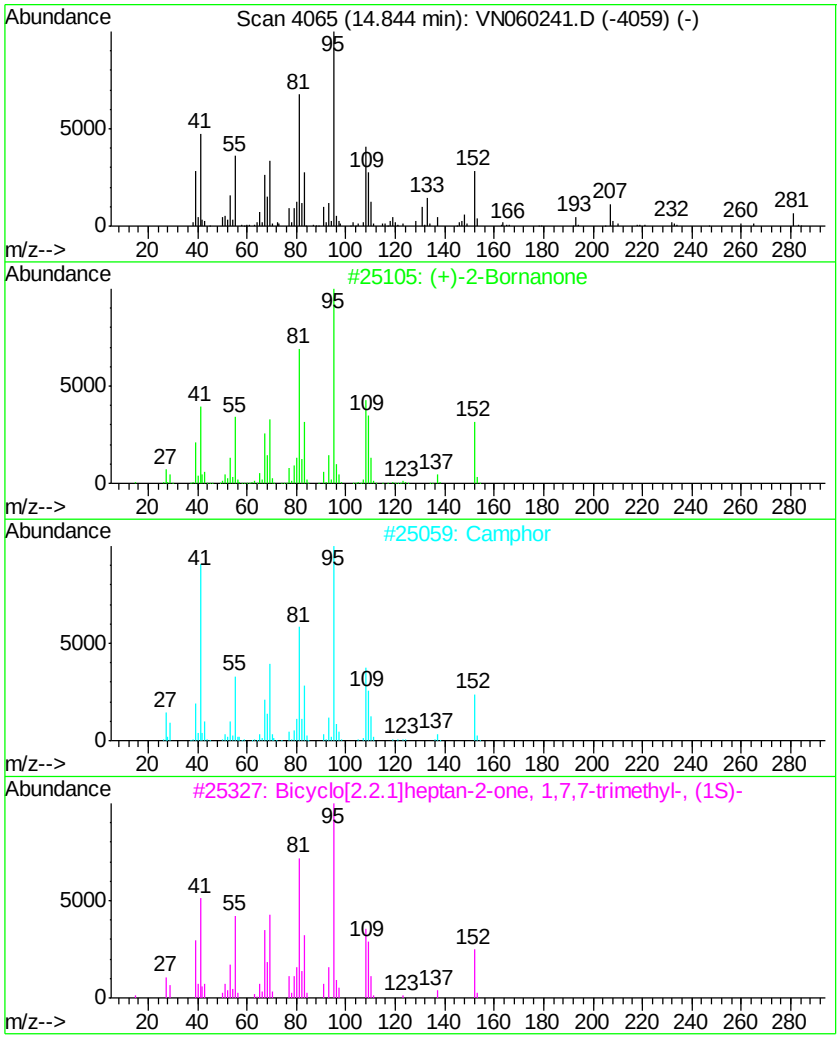
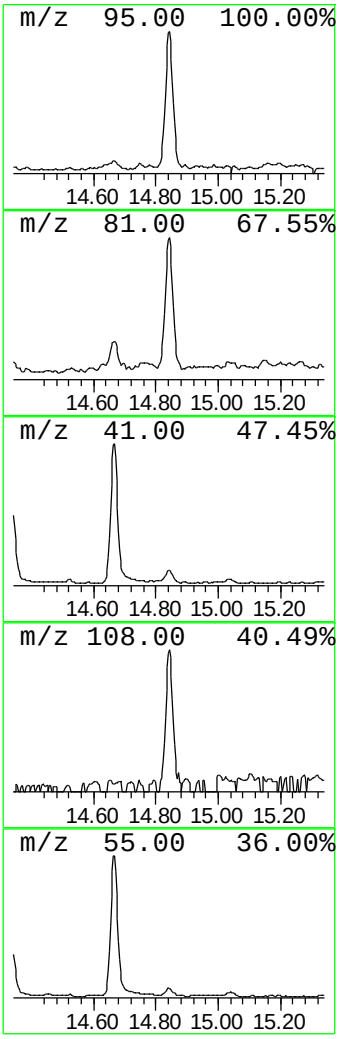
Peak Number 6 (+)-2-Bornanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.59 ug/l	119811	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	93
2	Camphor	152	C10H16O	000076-22-2	93
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	91
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	30
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	25





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Eucalyptol	13.40	23.0	ug/l	493191	4	13.34	1072230	50.0
Octane, 1,1'-oxybis-	14.20	10.5	ug/l	226193	4	13.34	1072230	50.0
Oxalic acid, 2-et...	14.31	11.4	ug/l	244787	4	13.34	1072230	50.0
1-Octanol, 2-methyl-	14.34	25.1	ug/l	538871	4	13.34	1072230	50.0
1-Nonanol	14.67	45.8	ug/l	981372	4	13.34	1072230	50.0
(+)-2-Bornanone	14.84	5.6	ug/l	119811	4	13.34	1072230	50.0