LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
Data File : VN057108.D
Acq On : 6 Aug 2019 17:12
Operator : JC/SP
Sample : K4166-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

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

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\624N072419W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.439	200	207	217	rBV4	11526	18579	1.47%	0.238%
2	3.805	613	632	670	rBV	481001	1262683	100.00%	16.184%
3	4.053	689	709	742	rBV	159912	473306	37.48%	6.066%
4	4.314	780	790	814	rVB4	7750	25074	1.99%	0.321%
5	6.828	1553	1572	1596	rBV2	13131	40596	3.22%	0.520%
6	7.185	1662	1683	1709	rBV3	175381	477942	37.85%	6.126%
7	8.018	1925	1942	1966	rBV2	172837	403532	31.96%	5.172%
8	8.297	1983	2029	2032	rBV2	36809	215324	17.05%	2.760%
9	8.577	2101	2116	2142	rVB	418842	871378	69.01%	11.169%
10	9.892	2515	2525	2543	rBV5	6817	17108	1.35%	0.219%
11	9.979	2543	2552	2562	rVV3	10223	18569	1.47%	0.238%
12	10.082	2567	2584	2595	rVV	641283	1167828	92.49%	14.968%
13	10.149	2595	2605	2629	rVV	476714	894379	70.83%	11.463%
14	11.400	2979	2994	3020	rBV	480674	889872	70.47%	11.406%
15	11.612	3048	3060	3069	rBV2	6704	13814	1.09%	0.177%
16	11.802	3105	3119	3132	rBV2	80232	128402	10.17%	1.646%
17	12.400	3291	3305	3325	rBV	291778	522974	41.42%	6.703%
18	12.943	3465	3474	3484	rVV5	28968	51032	4.04%	0.654%
19	13.014	3486	3496	3512	rVB5	21836	52032	4.12%	0.667%
20	13.140	3516	3535	3552	rBV7	44306	118135	9.36%	1.514%
21	13.287	3571	3581	3590	rBV3	32509	48879	3.87%	0.626%
22	13.349	3590	3600	3605	rBV4	29960	55518	4.40%	0.712%
23	13.451	3625	3632	3642	rVB4	13797	21554	1.71%	0.276%
24	14.580	3975	3983	3991	rBV3	8966	13552	1.07%	0.174%

Sum of corrected areas: 7802062

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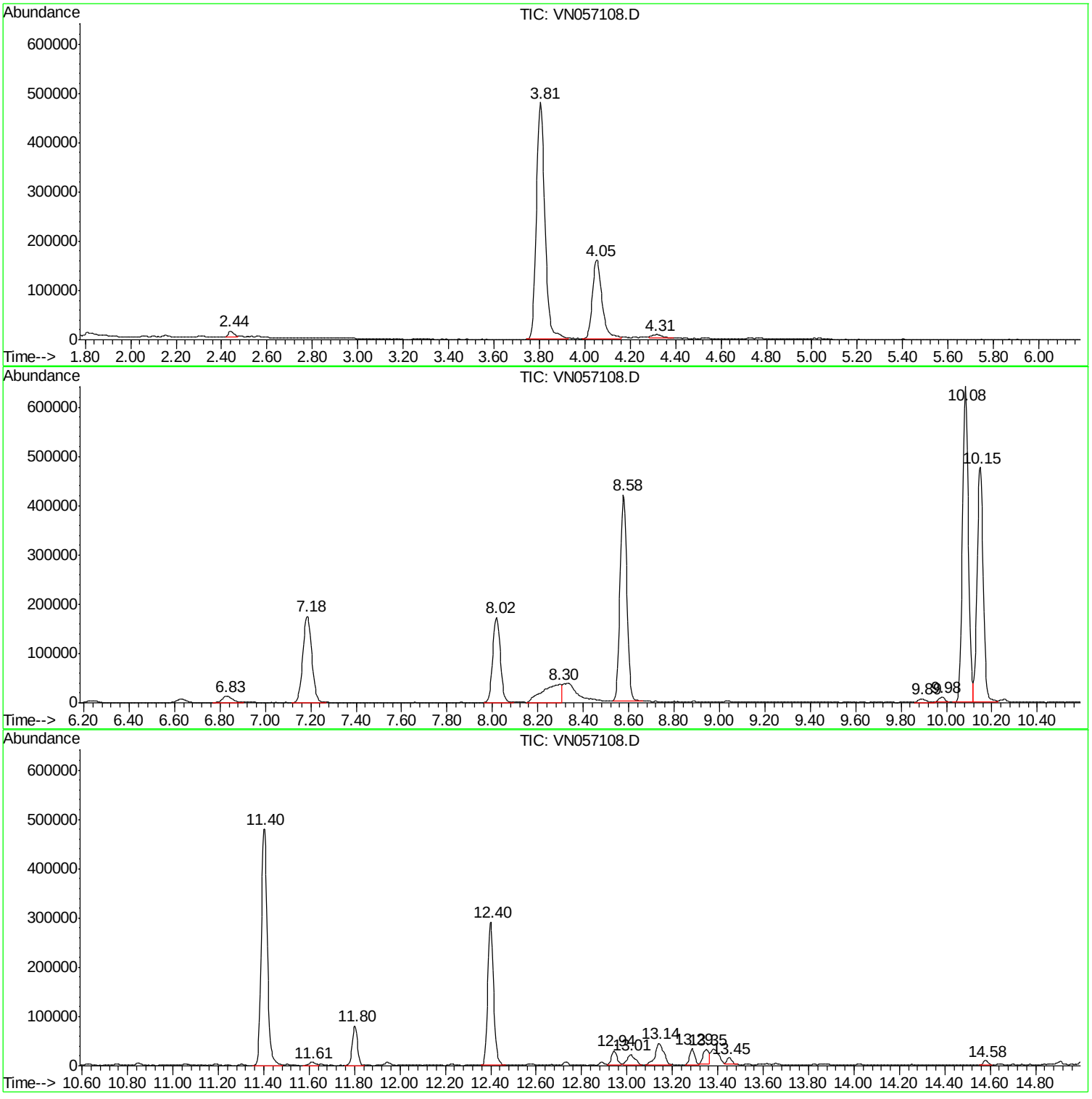
MSVOA_N
ClientSampleId :
002-35TH-AVE(AUG)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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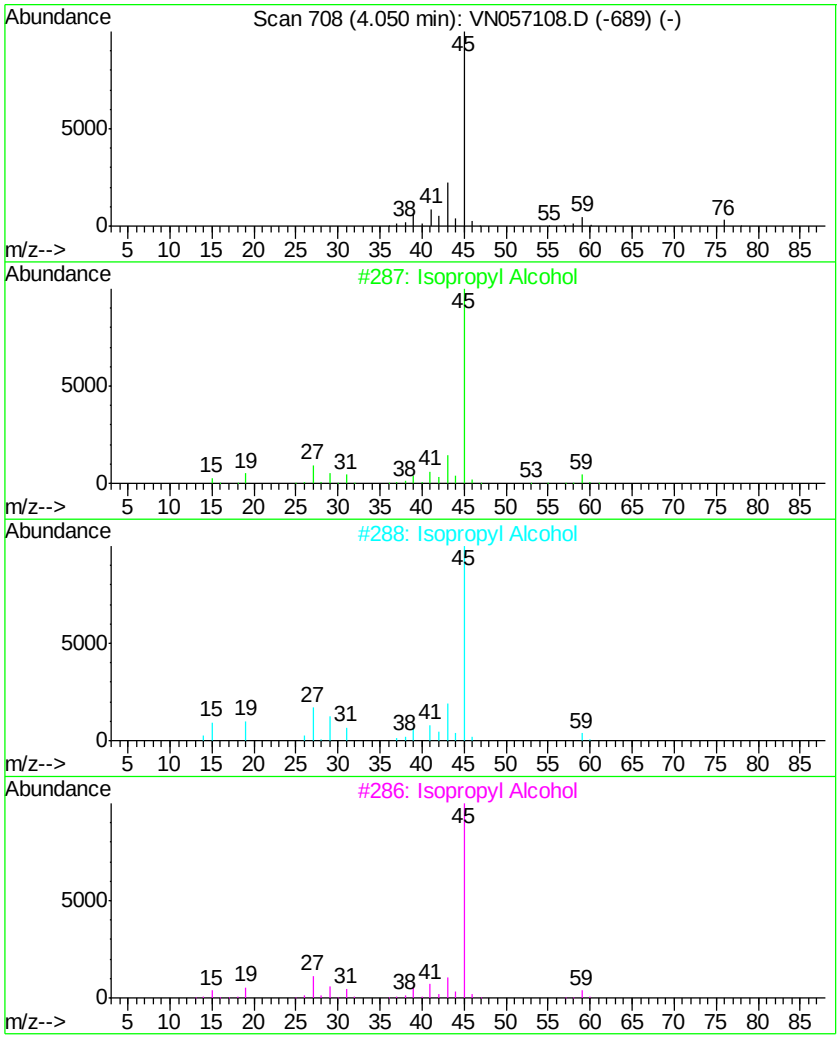
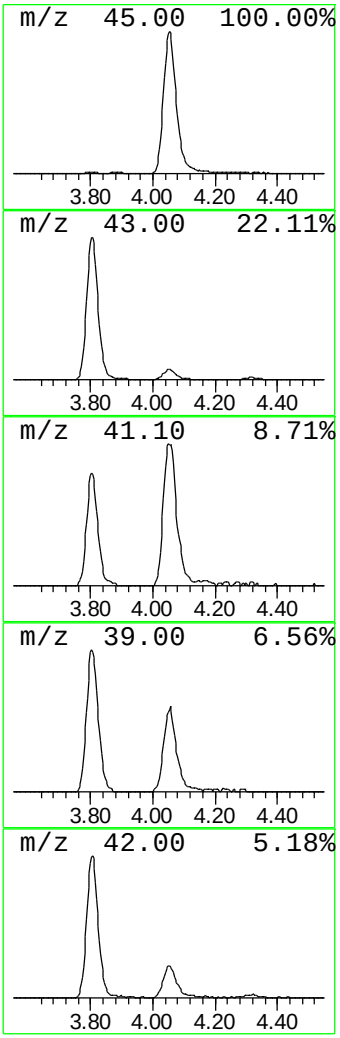
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	29.71 ug/l	473306	Bromochloromethane	7.18

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	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40





Library Search Compound Report

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

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
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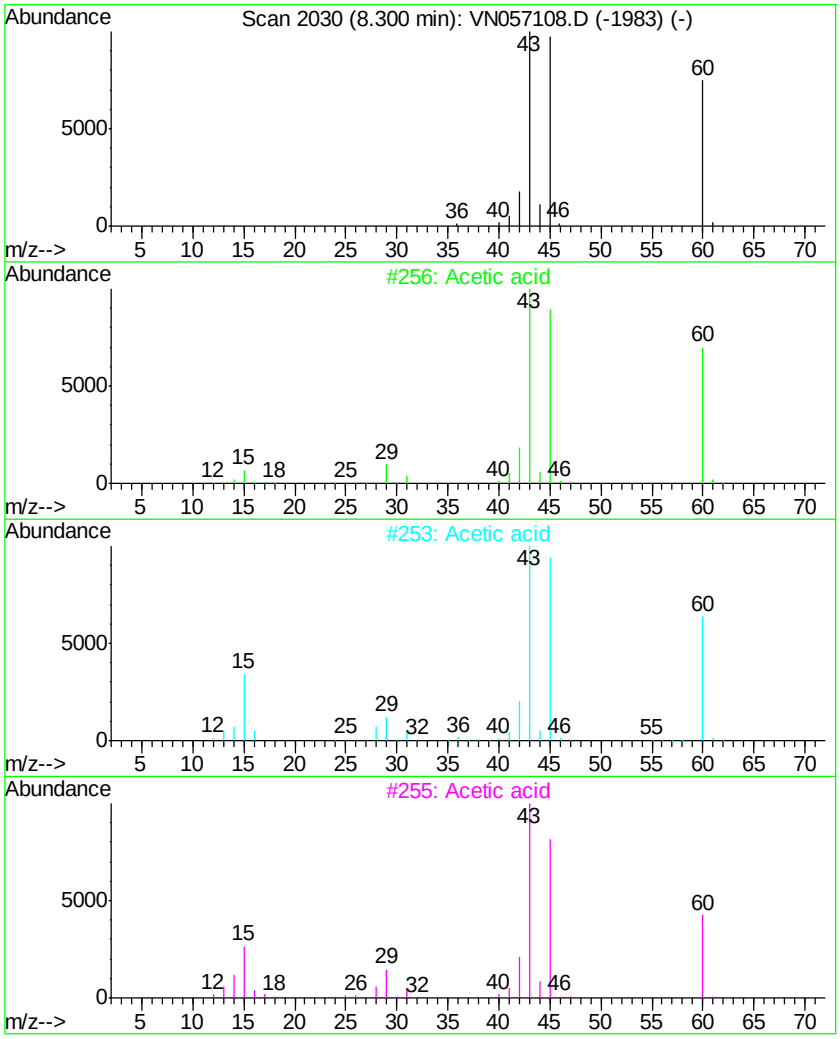
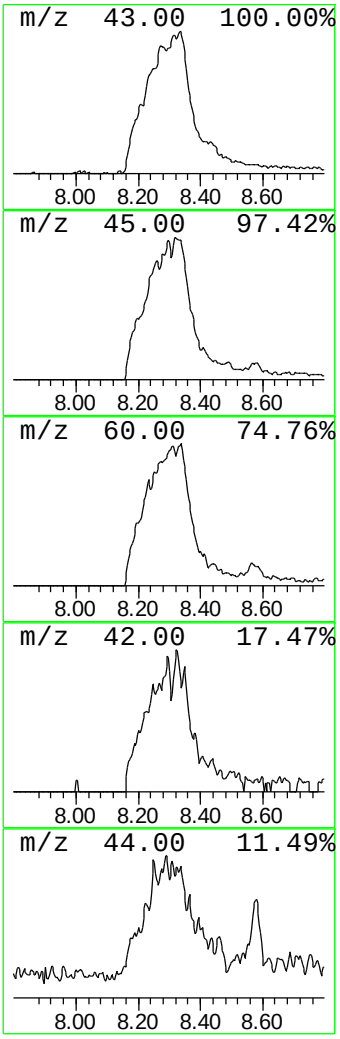
Peak Number 2 Acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	7.41 ug/l	215324	1,4-Difluorobenzene	8.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Acetic acid	60	C2H4O2	000064-19-7	90
3	Acetic acid	60	C2H4O2	000064-19-7	83
4	Acetic acid	60	C2H4O2	000064-19-7	78
5	Acetic acid	60	C2H4O2	000064-19-7	78





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Operator : JC/SP
Sample : K4166-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

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

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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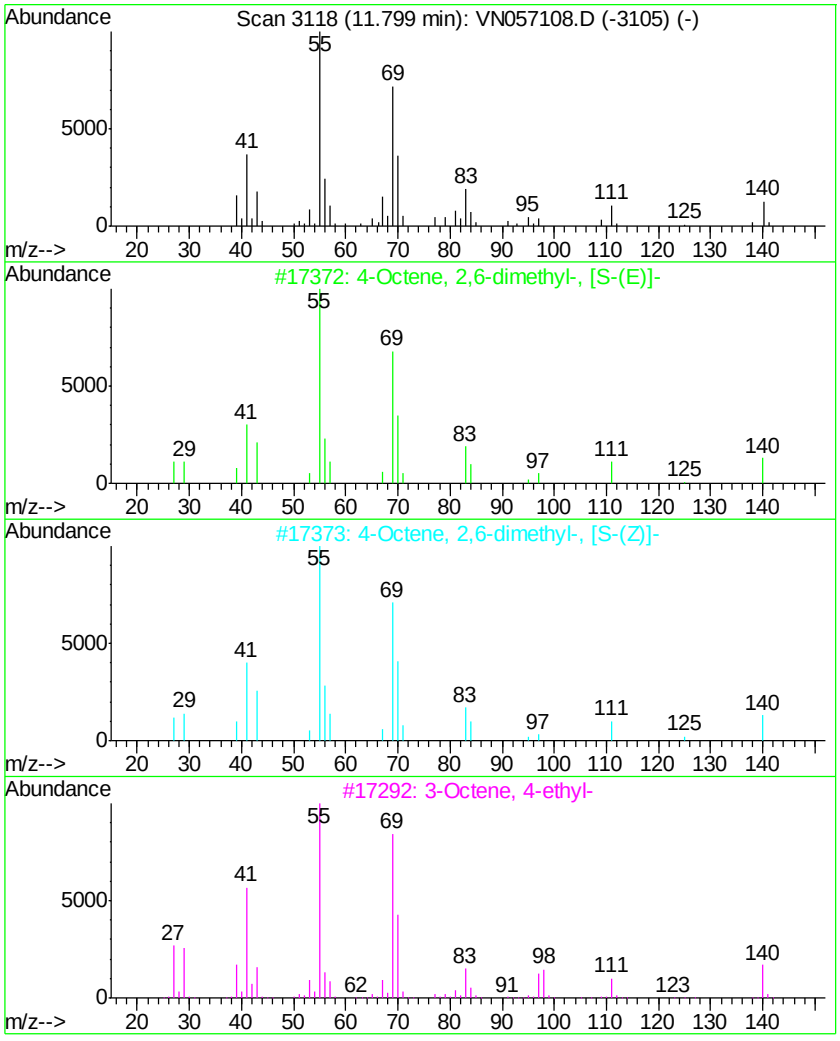
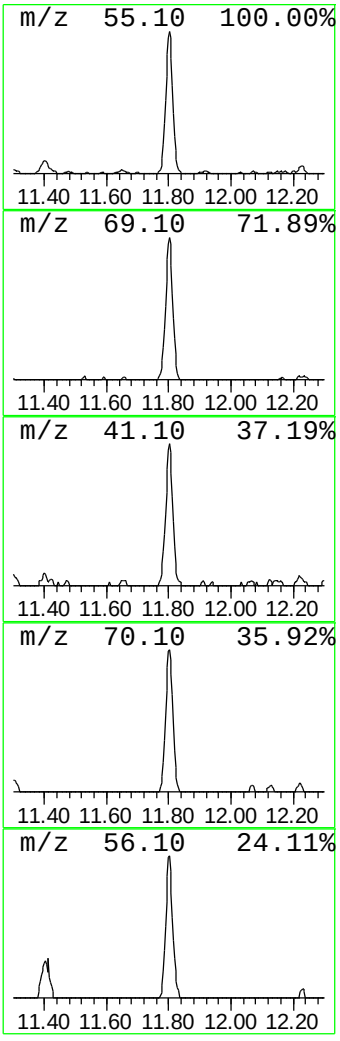
Peak Number 3 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	4.33 ug/l	128402	Chlorobenzene-d5	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	94
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	87
3	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	81
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	58
5	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	58





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ALS Vial : 20 Sample Multiplier: 1

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

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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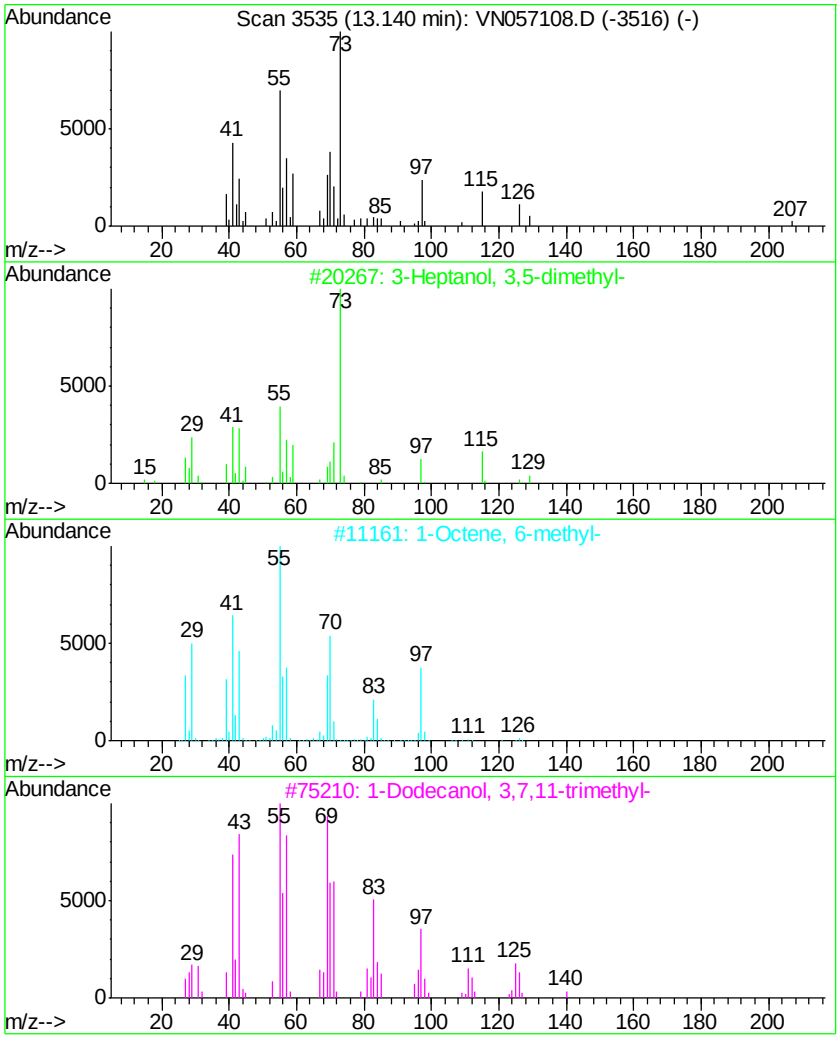
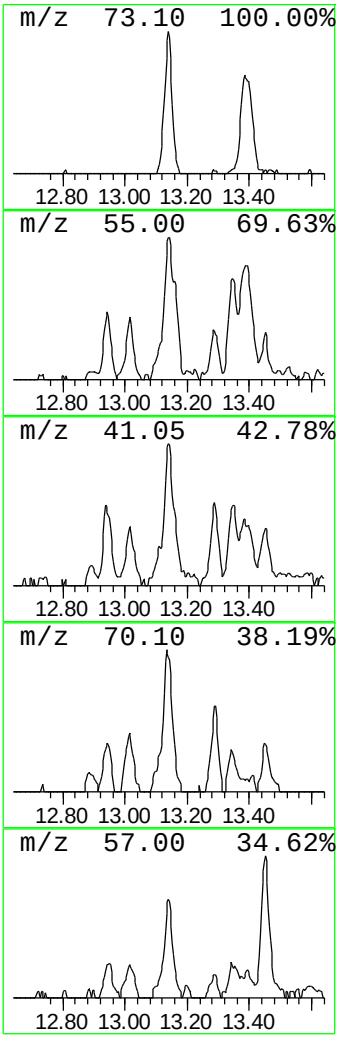
Peak Number 4 unknown13.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	3.98 ug/l	118135	Chlorobenzene-d5	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	47
2	1-Octene, 6-methyl-	126	C9H18	013151-10-5	32
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	22
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	22
5	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	16





Tentatively Identified Compound (LSC) summary

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N072419W.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	4.05	29.7	ug/l	473306	1	7.18	477942	30.0
Acetic acid	8.30	7.4	ug/l	215324	2	8.58	871378	30.0
4-Octene, 2,6-dim...	11.80	4.3	ug/l	128402	3	11.40	889872	30.0
unknown13.14	13.14	4.0	ug/l	118135	3	11.40	889872	30.0