LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

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\82N042720W.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	1.638	3	15	69	rBV	3886165	12781852	100.00%	46.415%
2	4.481	875	899	930	rBV2	87116	298028	2.33%	1.082%
3	6.474	1497	1519	1544	rBV3	92967	301299	2.36%	1.094%
4	7.548	1837	1853	1865	rBV2	66623	165867	1.30%	0.602%
5	7.625	1865	1877	1890	rVV	127305	298067	2.33%	1.082%
6	7.705	1890	1902	1920	rVB2	55945	143832	1.13%	0.522%
7	7.895	1943	1961	1976	rBV2	76242	196584	1.54%	0.714%
8	7.988	1976	1990	2015	rVB2	88067	205622	1.61%	0.747%
9	8.172	2015	2047	2074	rBV	544265	1363020	10.66%	4.950%
10	8.551	2148	2165	2188	rBV	205838	422039	3.30%	1.533%
11	9.014	2295	2309	2316	rBV	75097	161008	1.26%	0.585%
12	9.188	2349	2363	2381	rVB	74092	157348	1.23%	0.571%
13	9.332	2388	2408	2422	rVB2	74667	156355	1.22%	0.568%
14	9.490	2440	2457	2480	rBV	401089	800287	6.26%	2.906%
15	9.622	2480	2498	2526	rVB	717016	1474370	11.53%	5.354%
16	10.059	2623	2634	2658	rVB	333150	695238	5.44%	2.525%
17	10.226	2665	2686	2709	rVB	60740	141701	1.11%	0.515%
18	11.381	3031	3045	3064	rBV2	324809	787112	6.16%	2.858%
19	12.094	3259	3267	3280	rVB2	79139	140912	1.10%	0.512%
20	12.377	3343	3355	3367	rBV	253777	421976	3.30%	1.532%
21	12.541	3390	3406	3417	rVB2	70908	143463	1.12%	0.521%
22	13.130	3579	3589	3603	rBV3	156836	357760	2.80%	1.299%
23	13.319	3635	3648	3662	rVB	316292	537925	4.21%	1.953%
24	13.419	3662	3679	3691	rBV	229630	384809	3.01%	1.397%
25	13.487	3691	3700	3718	rVB2	172170	313990	2.46%	1.140%
26	13.863	3802	3817	3827	rBV	678417	1069056	8.36%	3.882%
27	13.921	3827	3835	3841	rVV	262677	399296	3.12%	1.450%
28	13.969	3841	3850	3861	rVB2	797522	1313148	10.27%	4.768%
29	14.107	3881	3893	3901	rBV	165333	280141	2.19%	1.017%
30	14.184	3901	3917	3934	rVB	337072	664813	5.20%	2.414%
31	14.567	4023	4036	4048	rBV3	385492	785150	6.14%	2.851%
32	14.930	4138	4149	4164	rVB3	72829	176047	1.38%	0.639%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

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\82N042720W.M
Title : SW846 8260

Sum of corrected areas: 27538115

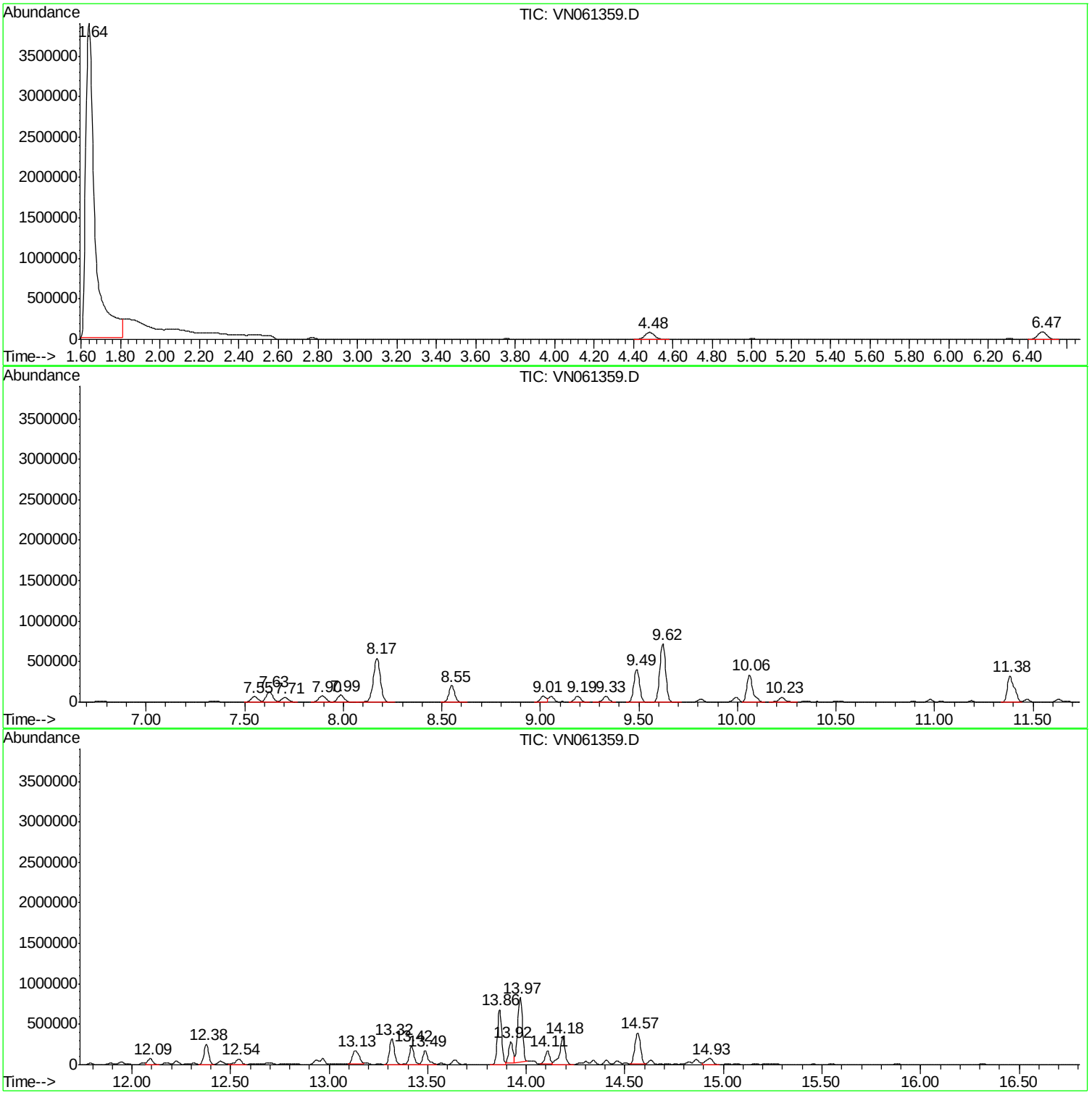
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

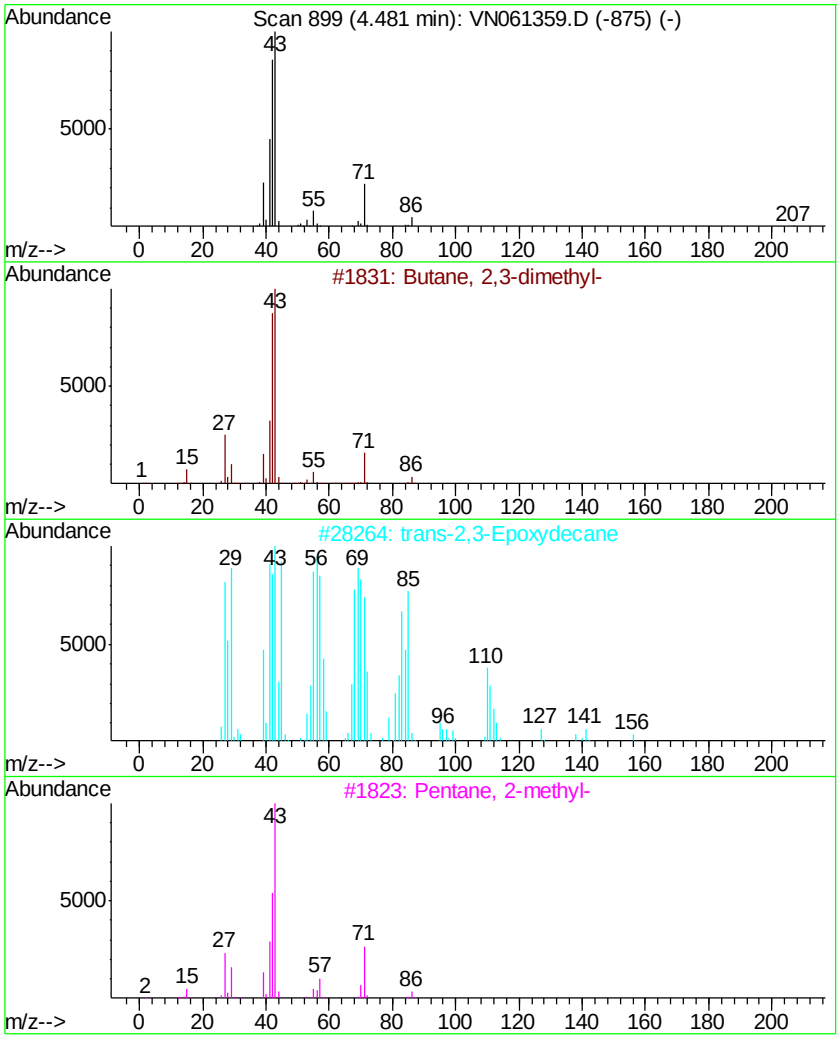
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

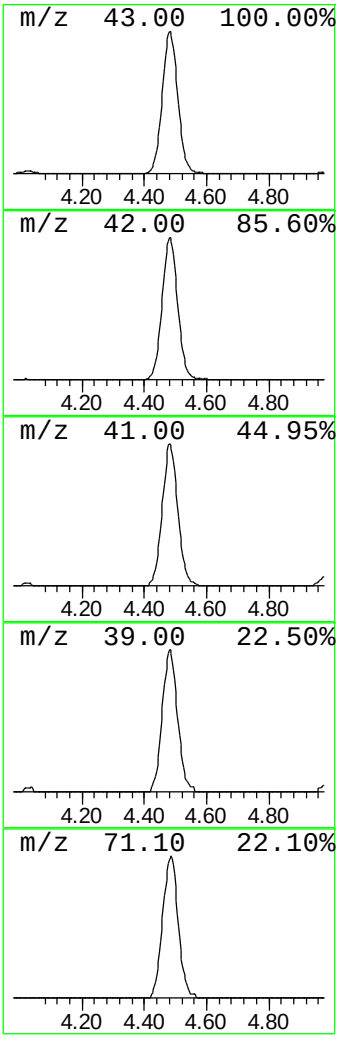
****

Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	49.99 ug/l	298028	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	38
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4	Butane, 2-methyl-	72	C5H12	000078-78-4	38
5	Pentane	72	C5H12	000109-66-0	17





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

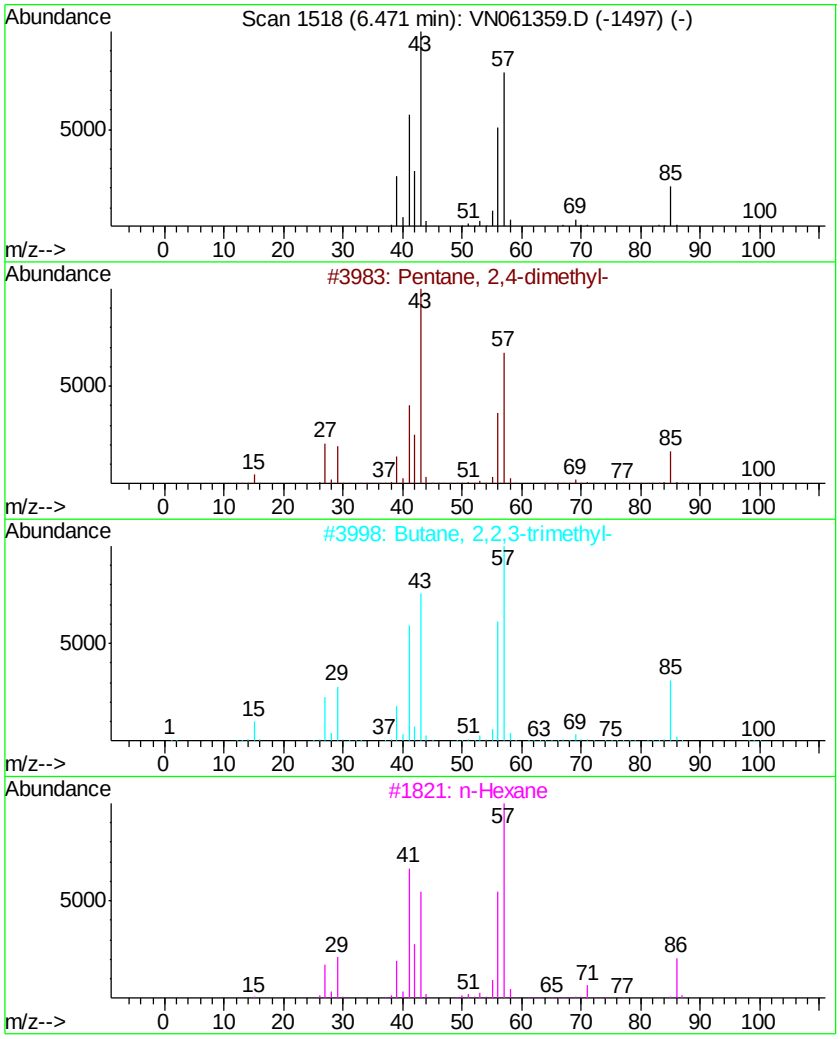
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

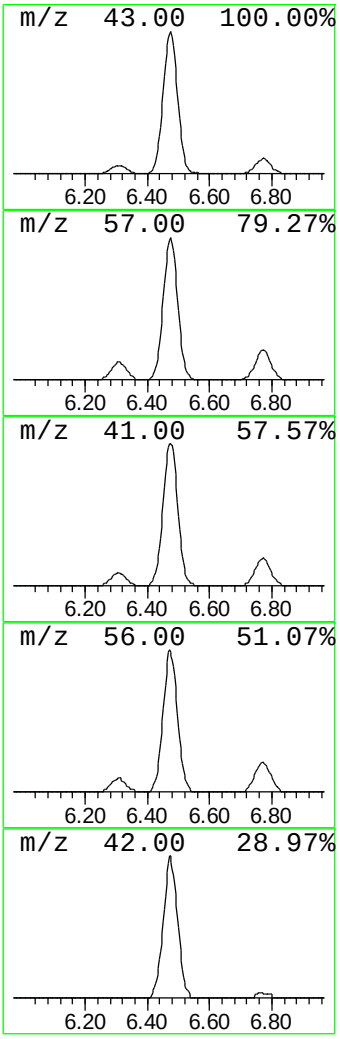
****

Peak Number 3 Pentane, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	50.54 ug/l	301299	Pentafluorobenzene	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3	n-Hexane	86	C6H14	000110-54-3	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	.alpha.-Amino-.gamma.-butyrolactone	101	C4H7NO2	001192-20-7	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

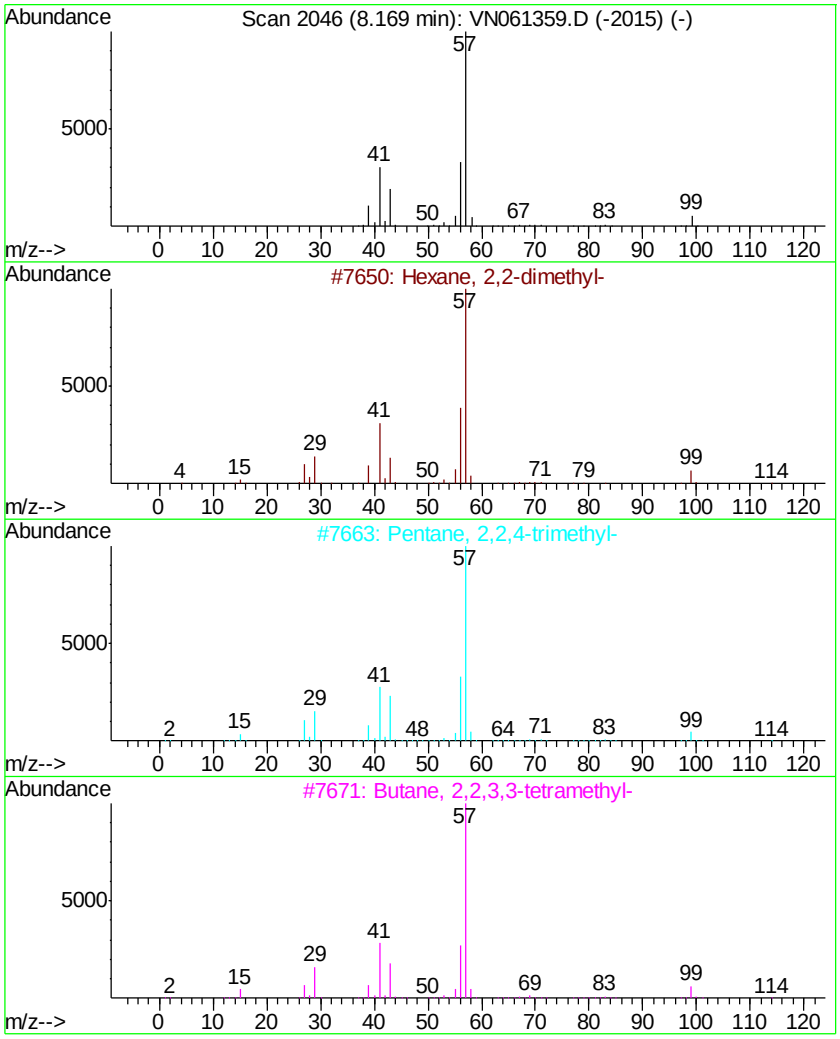
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

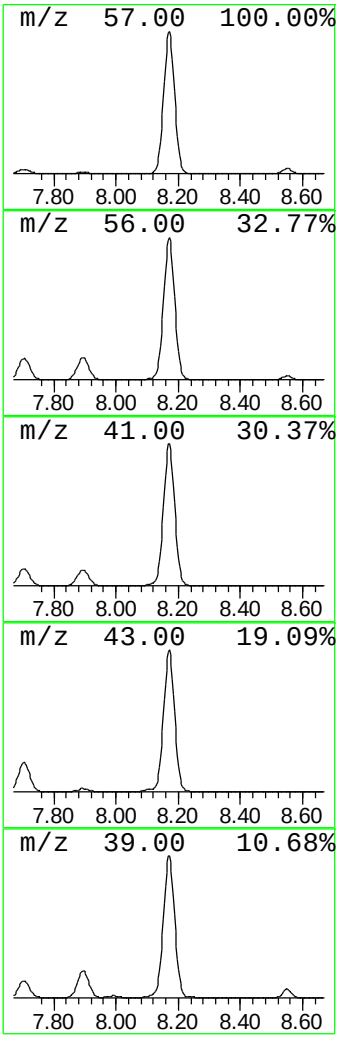
****

Peak Number 4 Hexane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	161.48 ug/l	1363020	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

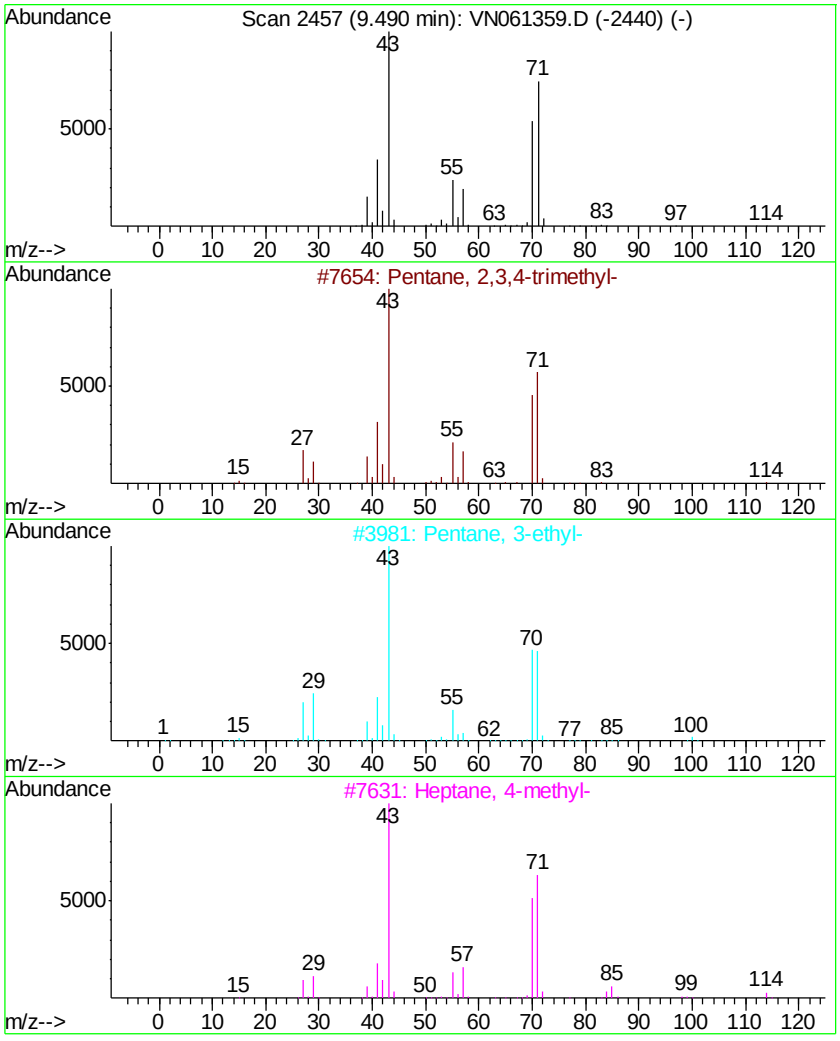
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

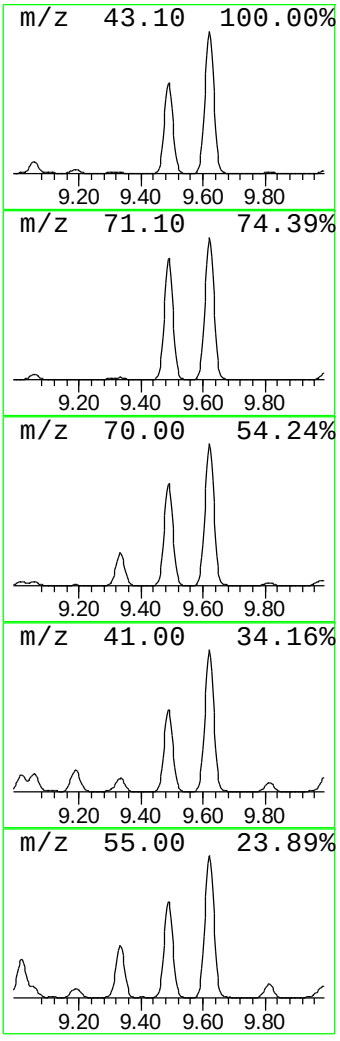
****

Peak Number 5 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	94.81 ug/l	800287	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

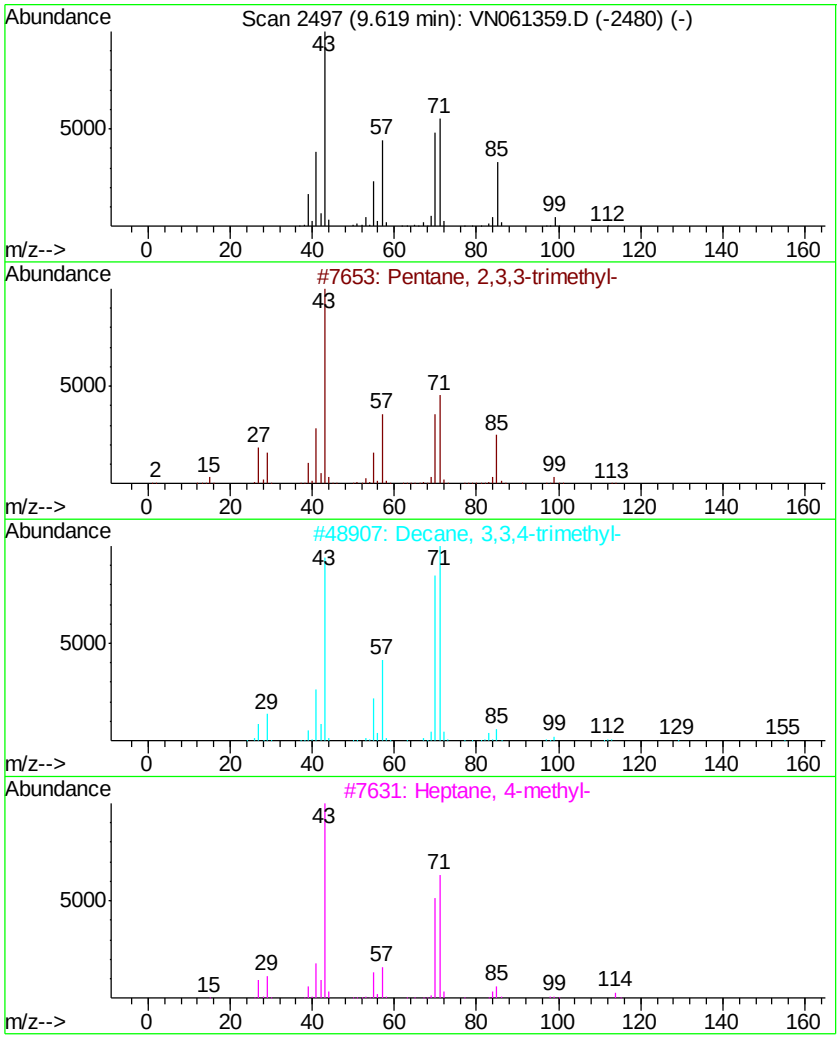
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

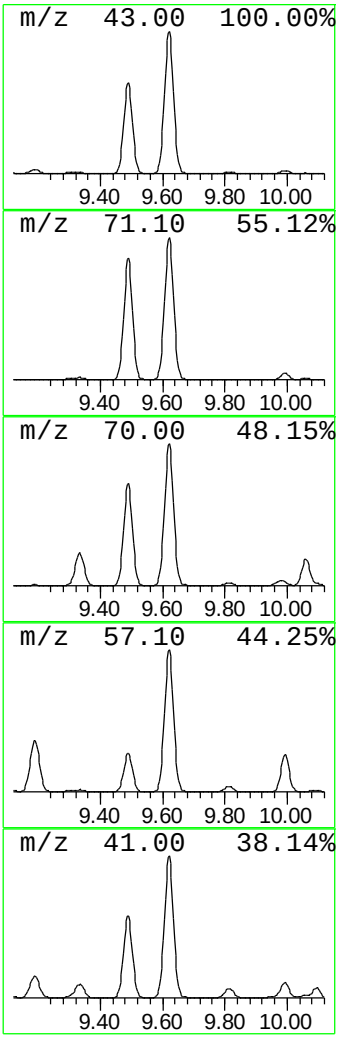
****

Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	174.67 ug/l	1474370	1,4-Difluorobenzene	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

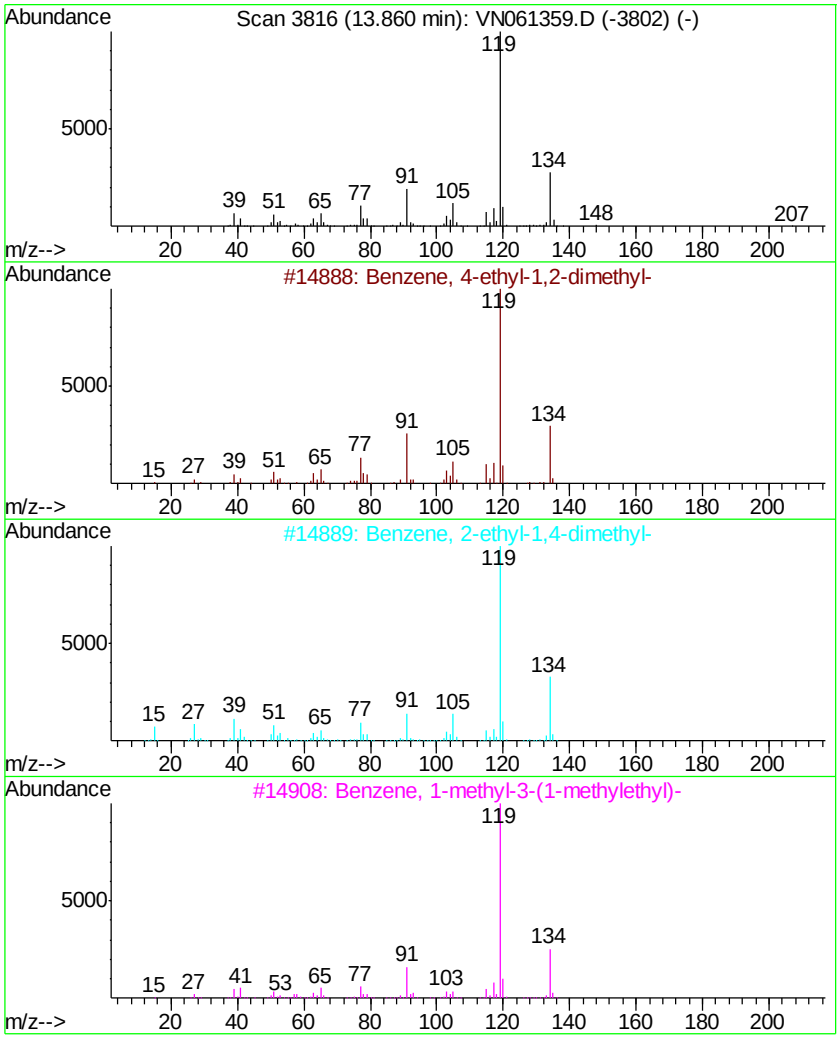
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

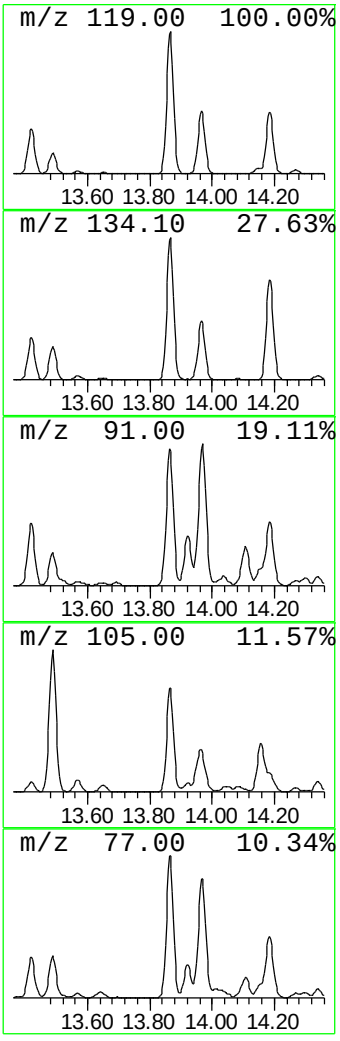
****

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	99.37 ug/l	1069060	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

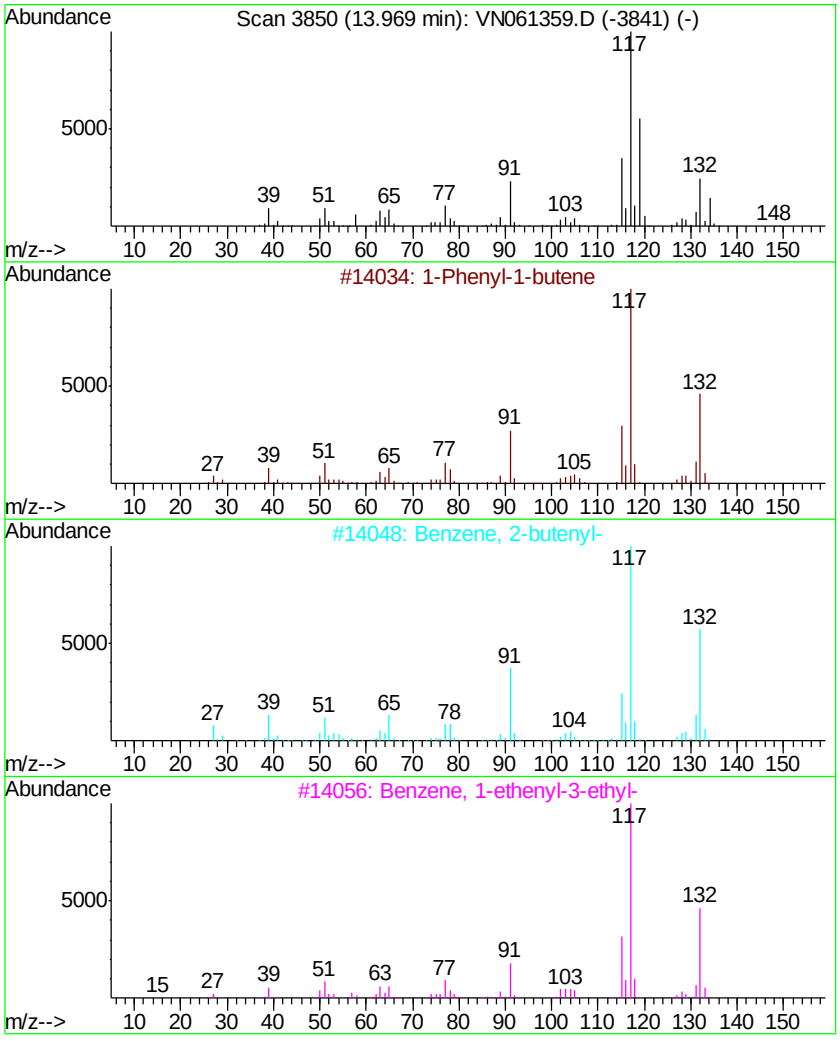
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

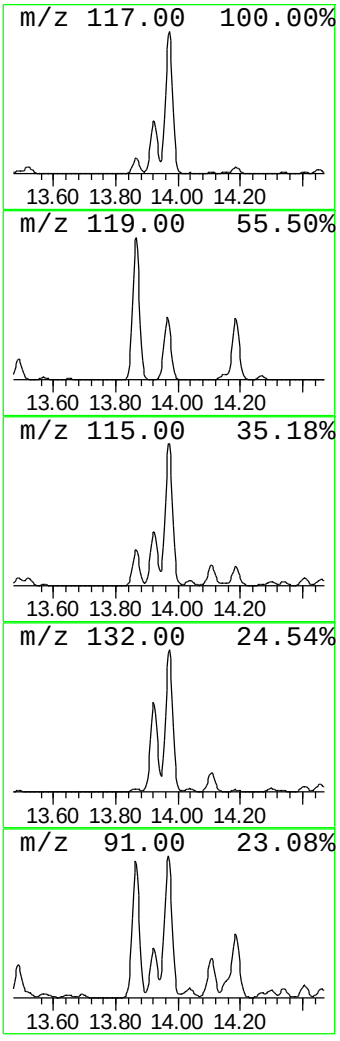
****

Peak Number 8 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	122.06 ug/l	1313150	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Library Search Compound Report

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Data File : VN061359.D
Acq On : 8 May 2020 14:13
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Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

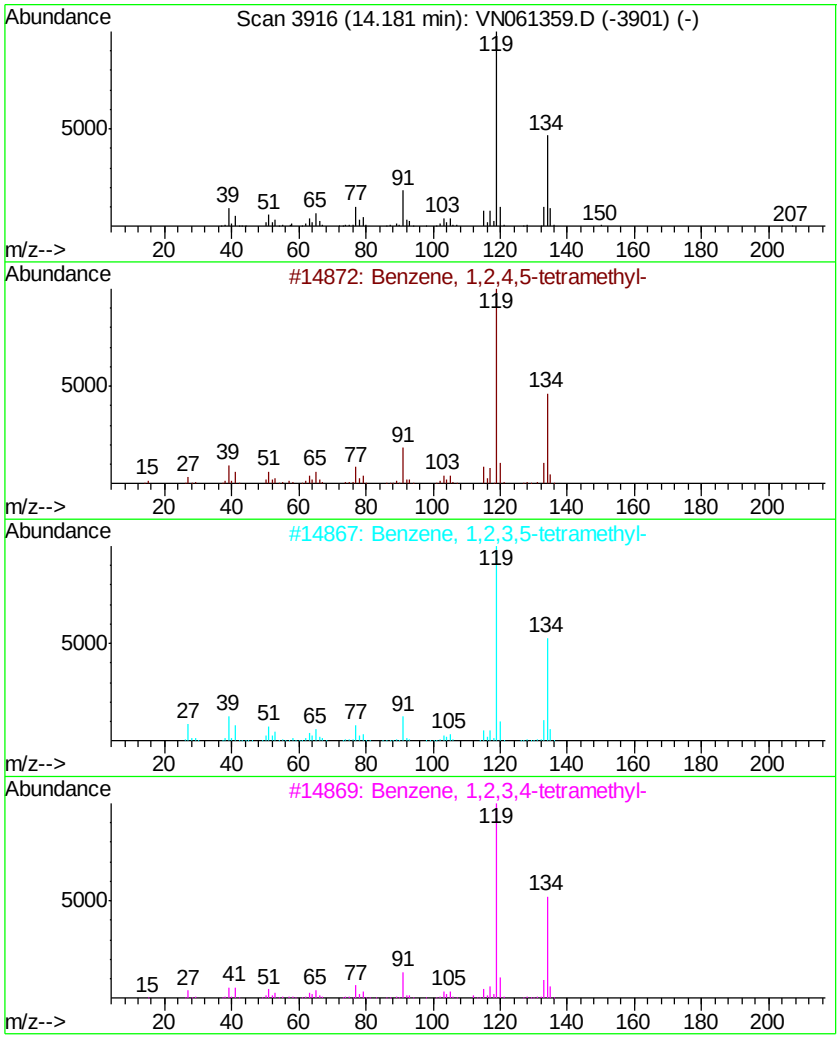
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

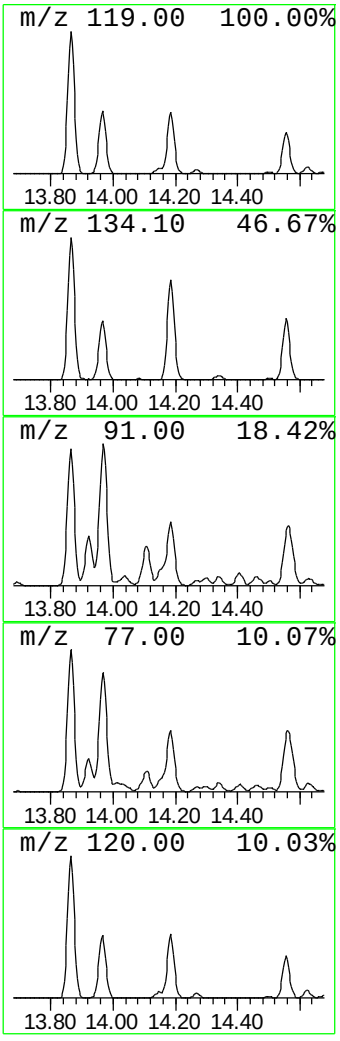
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	61.79 ug/l	664813	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260

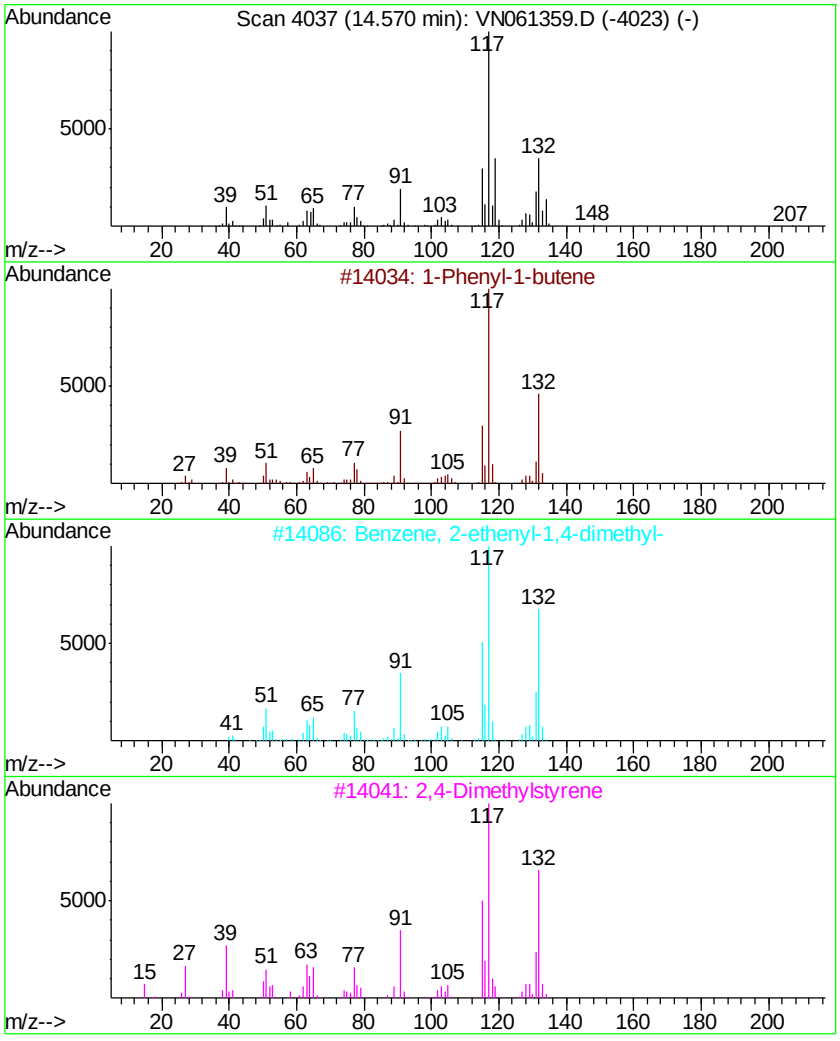
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

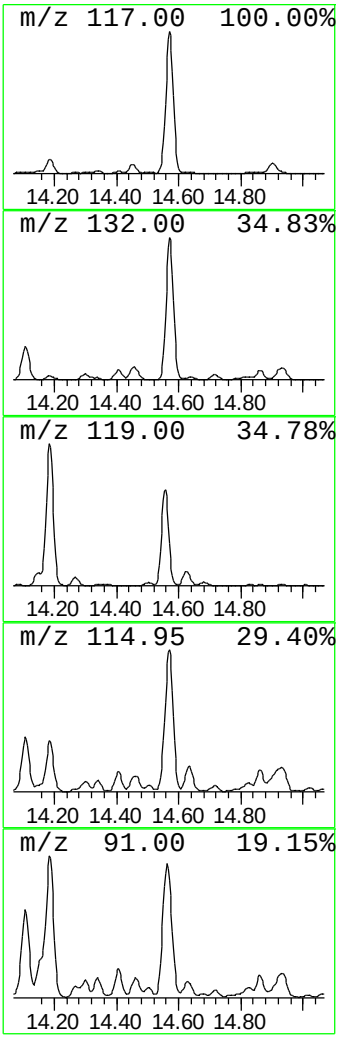
****

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	72.98 ug/l	785150	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050820\
Data File : VN061359.D
Acq On : 8 May 2020 14:13
Operator : JC/MD
Sample : L2544-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS038MW050-200505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
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
Butane, 2,3-dimet...	4.48	50.0	ug/l	298028	1	7.63	298067	50.0
Pentane, 2,4-dime...	6.47	50.5	ug/l	301299	1	7.63	298067	50.0
Hexane, 2,2-dimet...	8.17	161.5	ug/l	1363020	2	8.55	422039	50.0
Pentane, 2,3,4-tr...	9.49	94.8	ug/l	800287	2	8.55	422039	50.0
Pentane, 2,3,3-tr...	9.62	174.7	ug/l	1474370	2	8.55	422039	50.0
Benzene, 4-ethyl-...	13.86	99.4	ug/l	1069060	4	13.32	537925	50.0
1-Phenyl-1-butene	13.97	122.1	ug/l	1313150	4	13.32	537925	50.0
Benzene, 1,2,4,5-...	14.18	61.8	ug/l	664813	4	13.32	537925	50.0
Benzene, 2-etheny...	14.57	73.0	ug/l	785150	4	13.32	537925	50.0