LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

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\82N091018W.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	7.593	1791	1810	1821	rBV	490624	1241564	1.35%	0.341%
2	7.667	1821	1833	1856	rVB	828575	2022316	2.20%	0.555%
3	8.030	1927	1946	1969	rBV2	452623	1085707	1.18%	0.298%
4	8.587	2102	2119	2151	rBV	1075662	2247550	2.45%	0.617%
5	10.091	2572	2587	2614	rBV	2129113	4082042	4.45%	1.120%
6	11.406	2983	2996	3013	rBV	1492309	2643105	2.88%	0.725%
7	11.506	3013	3027	3045	rBV2	687817	1687349	1.84%	0.463%
8	11.625	3045	3064	3081	rBV	6504605	13049238	14.21%	3.581%
9	11.921	3142	3156	3167	rBV7	760182	1948555	2.12%	0.535%
10	12.117	3209	3217	3225	rBV	1116582	1713296	1.87%	0.470%
11	12.165	3225	3232	3247	rVV4	934390	1752570	1.91%	0.481%
12	12.249	3247	3258	3270	rVB	11674698	18466179	20.11%	5.068%
13	12.400	3294	3305	3316	rBV	1440223	2535667	2.76%	0.696%
14	12.474	3317	3328	3338	rBV3	615978	1295659	1.41%	0.356%
15	12.590	3348	3364	3376	rVB2	20901015	34037109	37.07%	9.341%
16	12.686	3376	3394	3402	rBV	8388215	14283973	15.56%	3.920%
17	12.731	3402	3408	3418	rVB	5677586	8512100	9.27%	2.336%
18	12.963	3471	3480	3484	rBV2	1121024	1713339	1.87%	0.470%
19	13.040	3493	3504	3518	rVB2	55057007	91828332	100.00%	25.201%
20	13.168	3530	3544	3554	rBV3	4114091	8872835	9.66%	2.435%
21	13.236	3556	3565	3573	rVV3	1116373	2025733	2.21%	0.556%
22	13.287	3573	3581	3590	rVV	1485675	2281051	2.48%	0.626%
23	13.374	3590	3608	3620	rVV	21811020	36365784	39.60%	9.980%
24	13.442	3620	3629	3639	rVV	1802928	2650023	2.89%	0.727%
25	13.512	3640	3651	3653	rVV	4602117	6215482	6.77%	1.706%
26	13.541	3654	3660	3669	rVV	13475209	22183781	24.16%	6.088%
27	13.586	3669	3674	3690	rVV4	3217542	7745321	8.43%	2.126%
28	13.670	3690	3700	3710	rVB2	2272524	3782339	4.12%	1.038%
29	13.802	3731	3741	3745	rBV	2198426	3370310	3.67%	0.925%
30	13.831	3746	3750	3758	rVV	2394677	3297827	3.59%	0.905%
31	13.889	3758	3768	3777	rVV	8482834	13189669	14.36%	3.620%
32	13.947	3777	3786	3792	rVV	2775186	4476896	4.88%	1.229%
33	13.992	3792	3800	3812	rVB3	8412750	13991935	15.24%	3.840%
34	14.130	3832	3843	3851	rBV3	1958559	3198090	3.48%	0.878%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

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\82N091018W.M
Title : SW846 8260

35	14.207	3852	3867	3874	rVV	3778646	6704526	7.30%	1.840%
36	14.246	3874	3879	3888	rVB	2132721	3145453	3.43%	0.863%
37	14.474	3943	3950	3960	rBV2	837335	1298862	1.41%	0.356%
38	14.583	3972	3984	3998	rBV3	7009087	13438639	14.63%	3.688%

Sum of corrected areas: 364380206

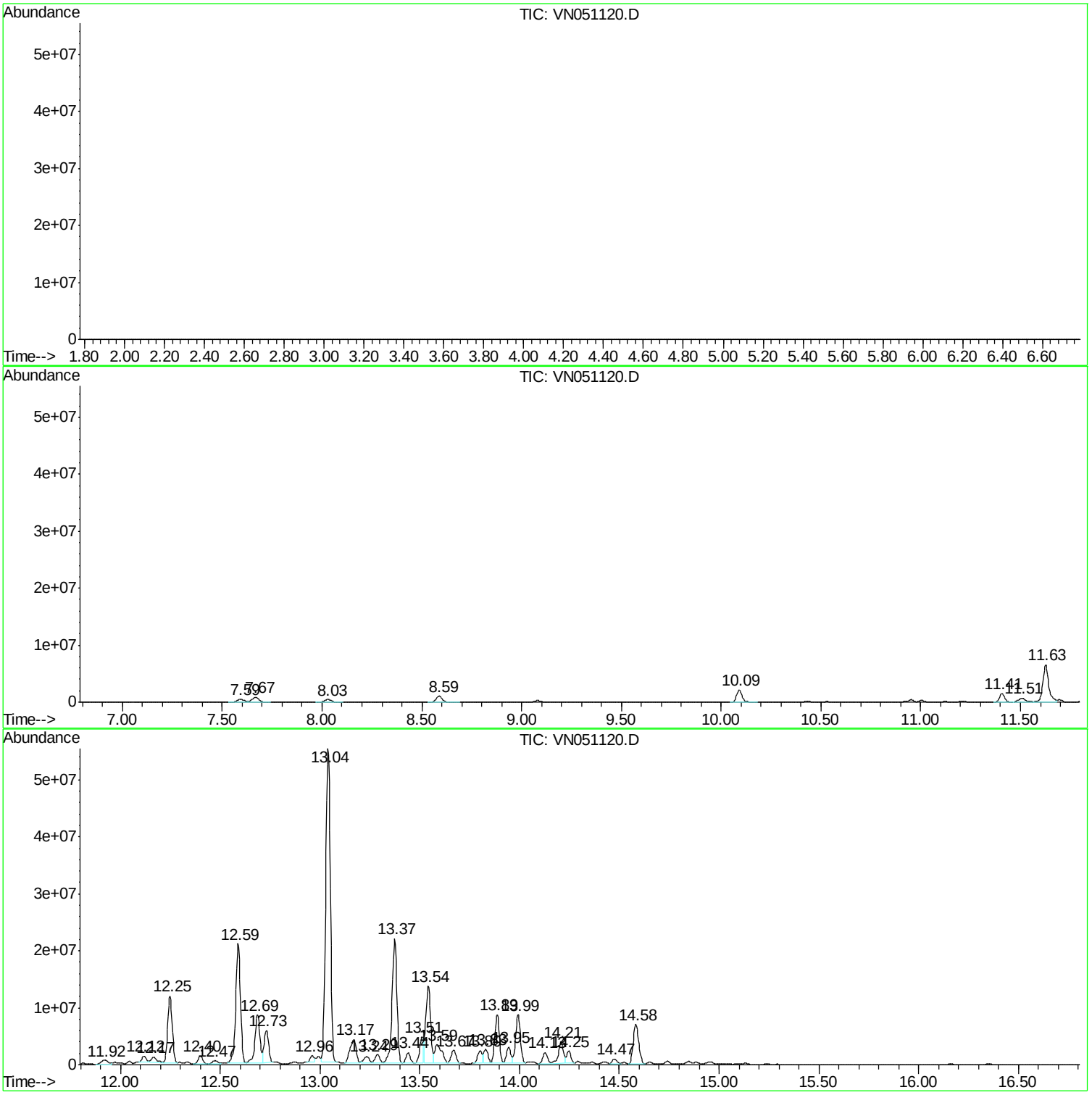
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.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\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

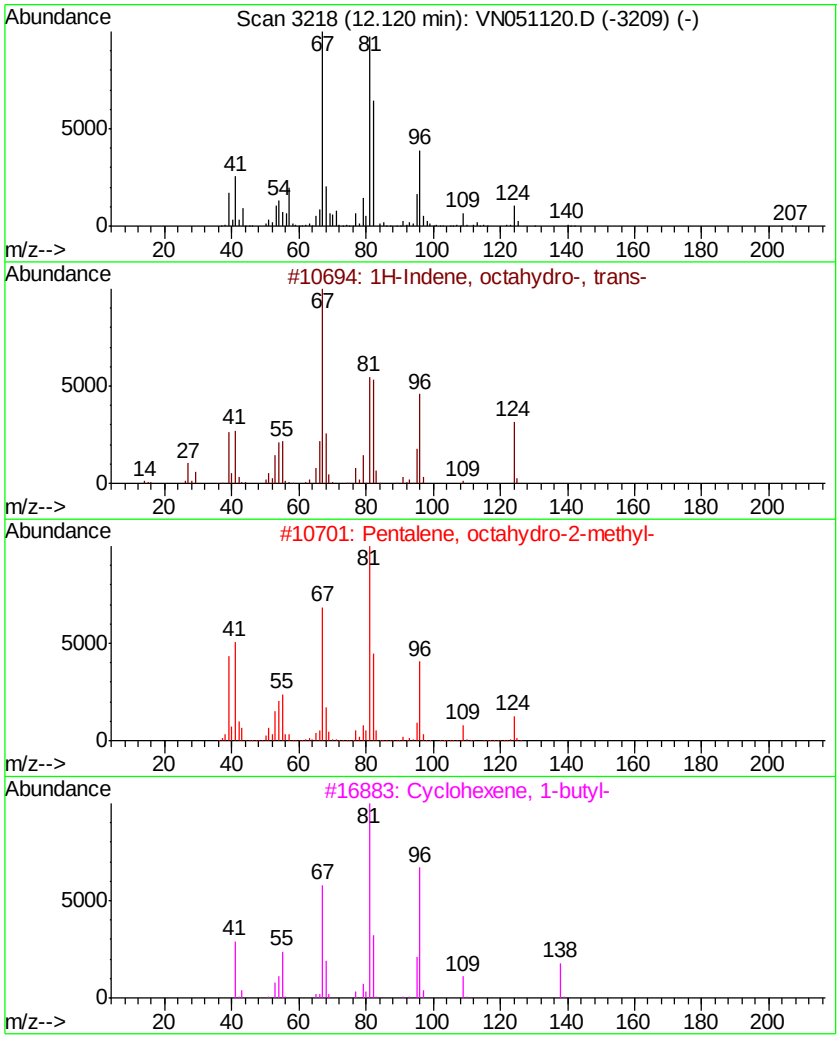
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

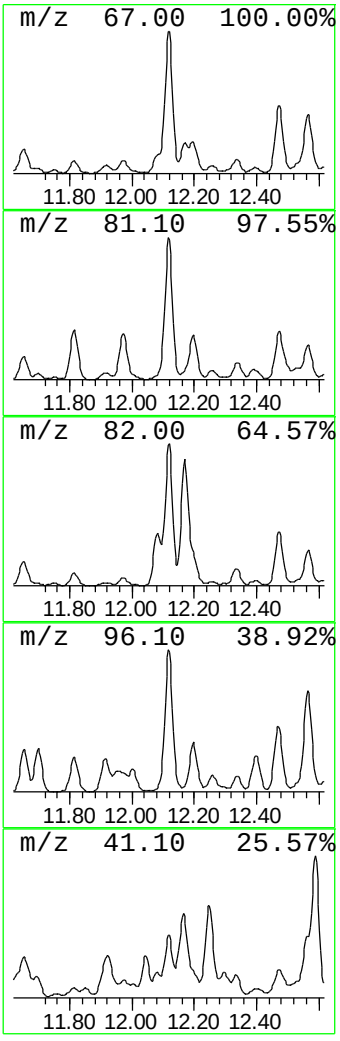
****

Peak Number 1 1H-Indene, octahydro-, trans- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	32.41 ug/l	1713300	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	70
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
3	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	59
4	Cyclohexane, methylene-	96	C7H12	001192-37-6	58
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

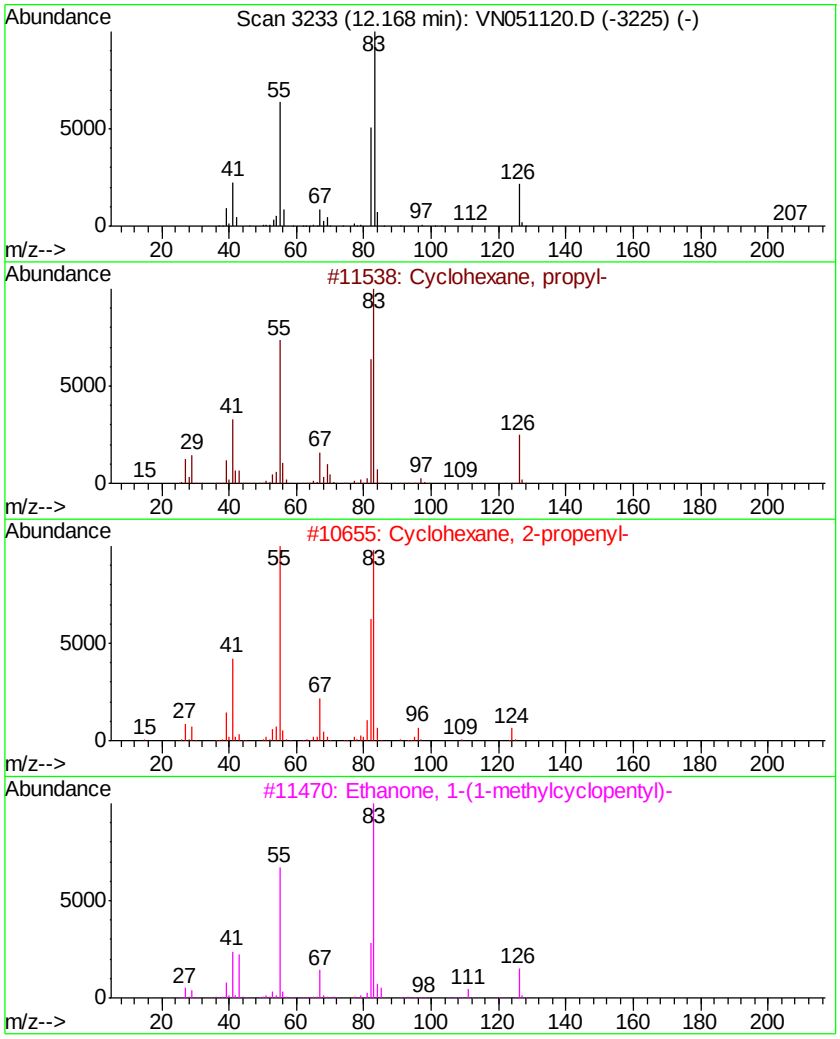
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

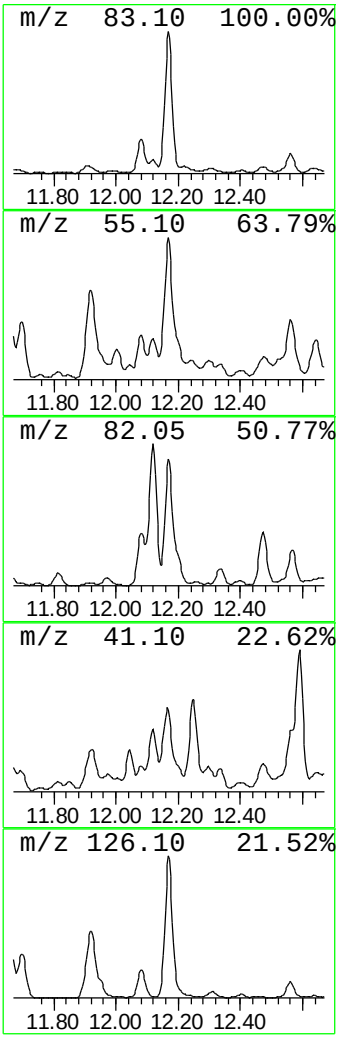
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	33.15 ug/l	1752570	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	59
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
5	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

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

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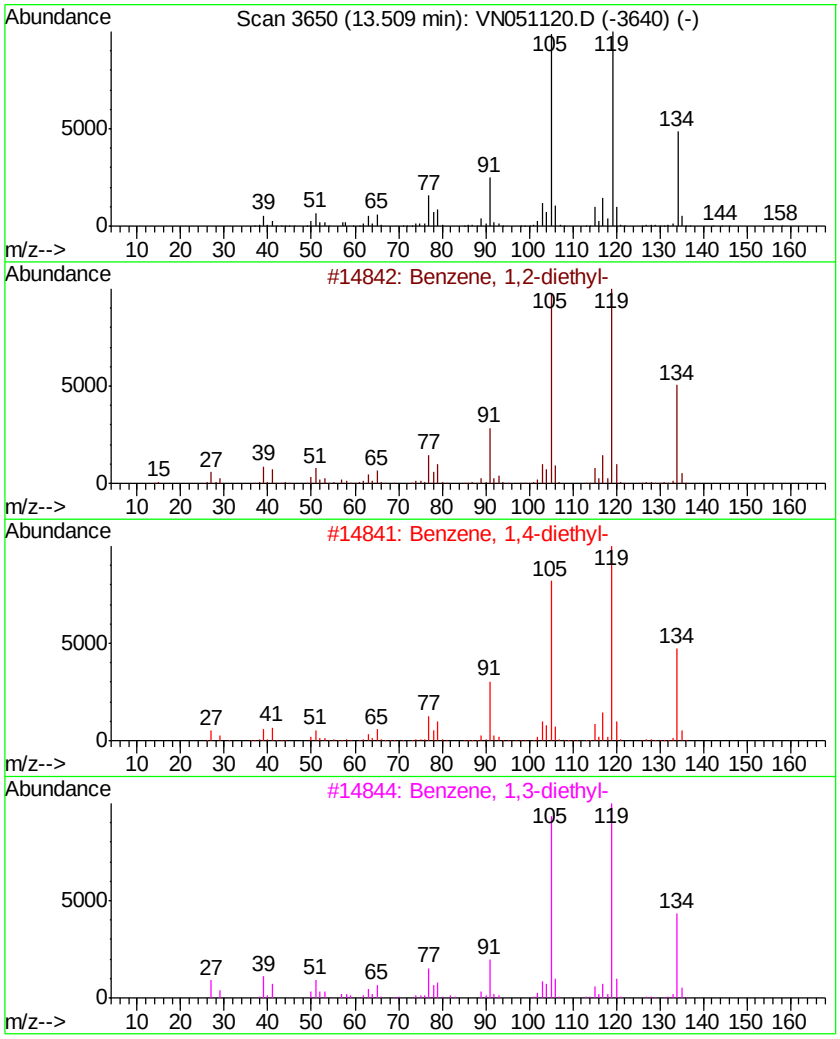
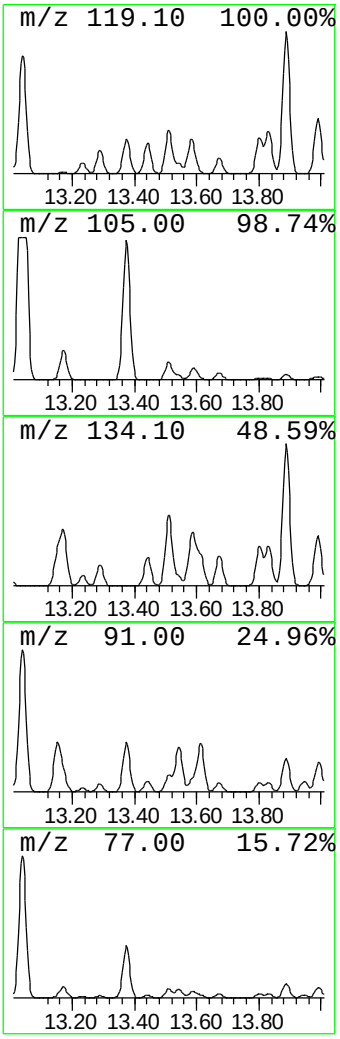
Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	8.55 ug/l	6215480	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	86
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

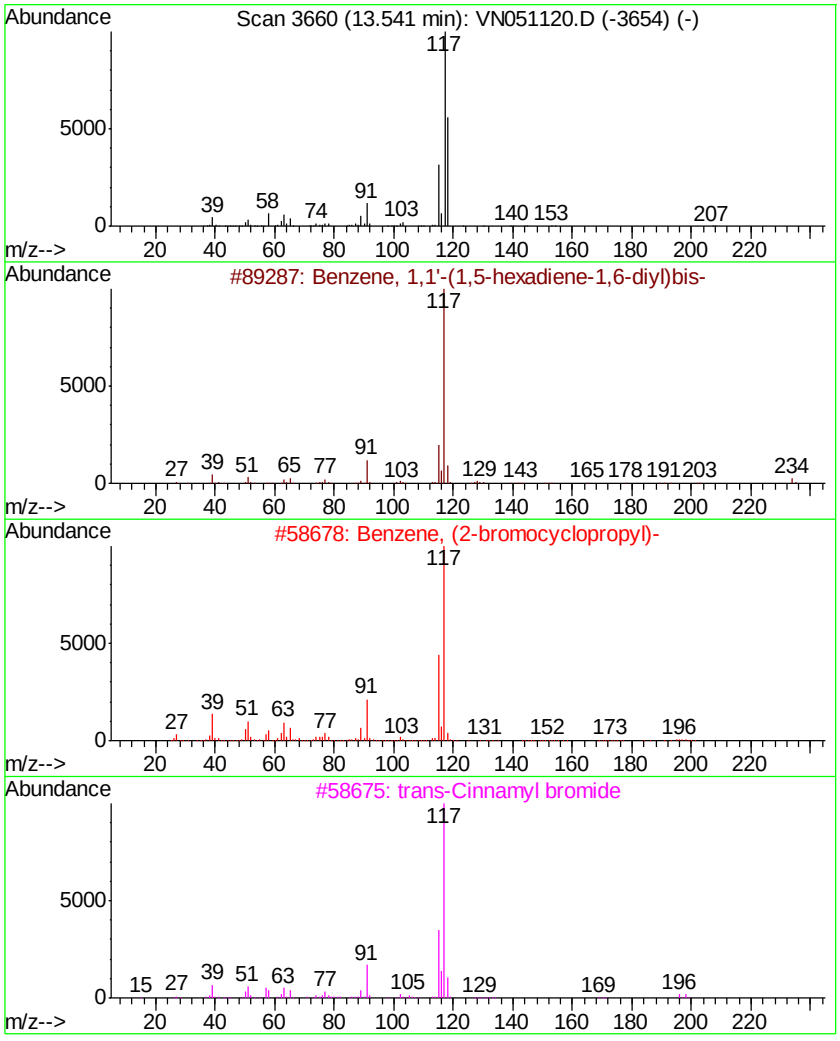
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

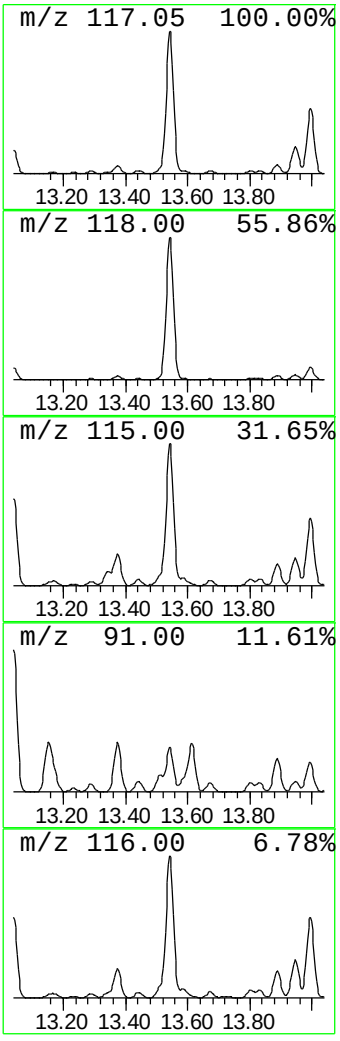
****

Peak Number 4 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	30.50 ug/l	22183800	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	50
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
4	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

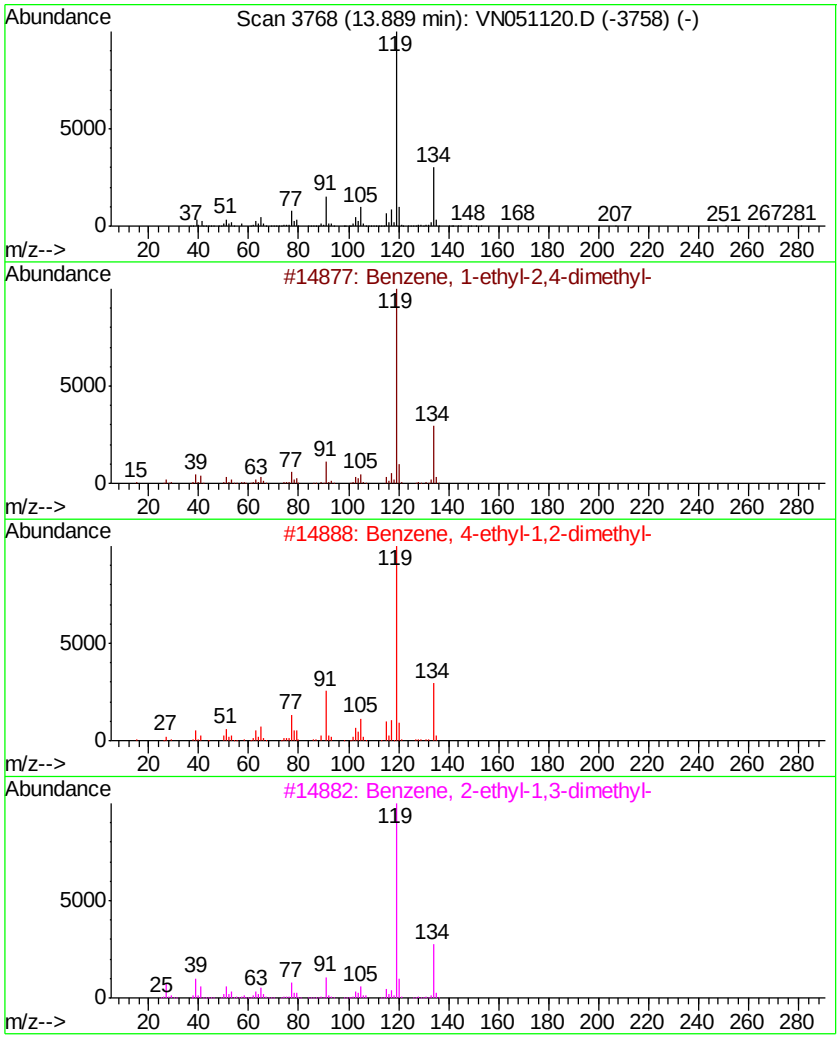
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

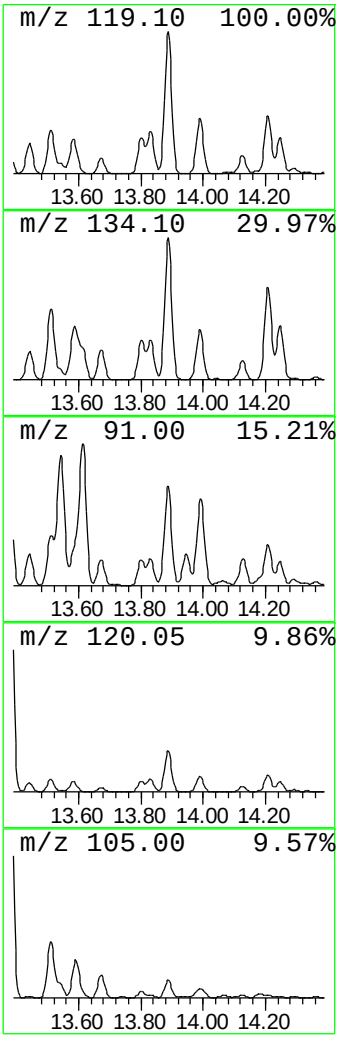
****

Peak Number 6 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	18.13 ug/l	13189700	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

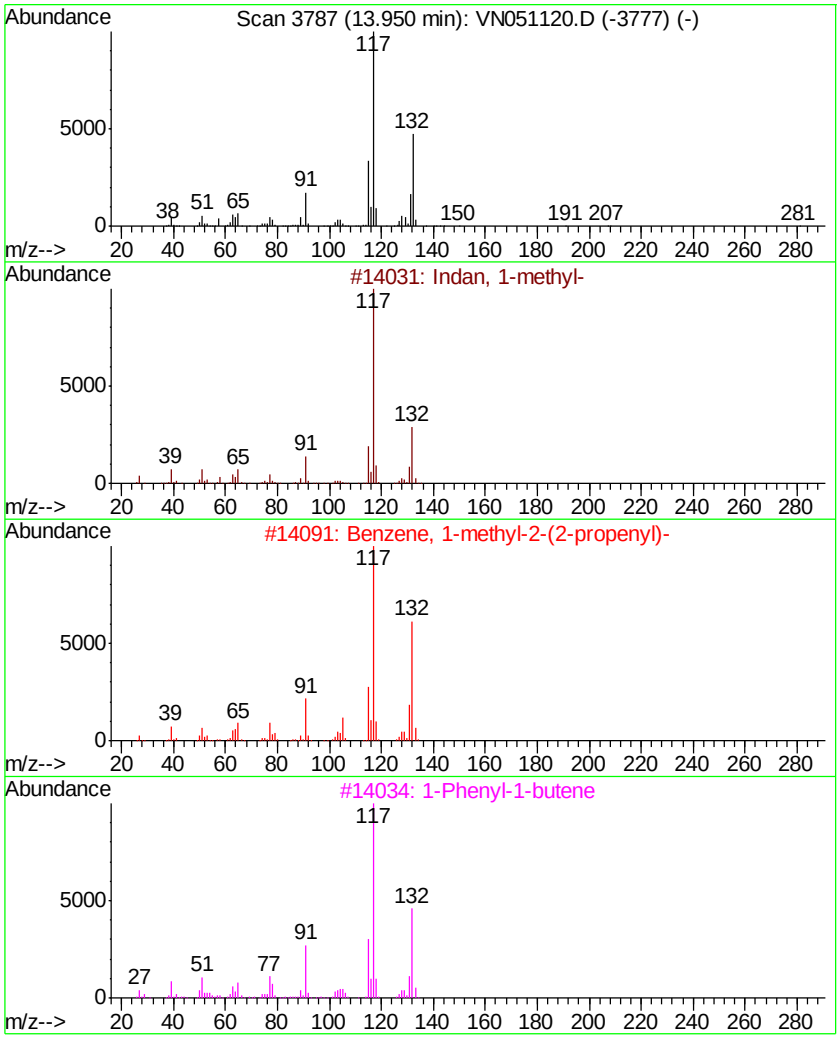
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

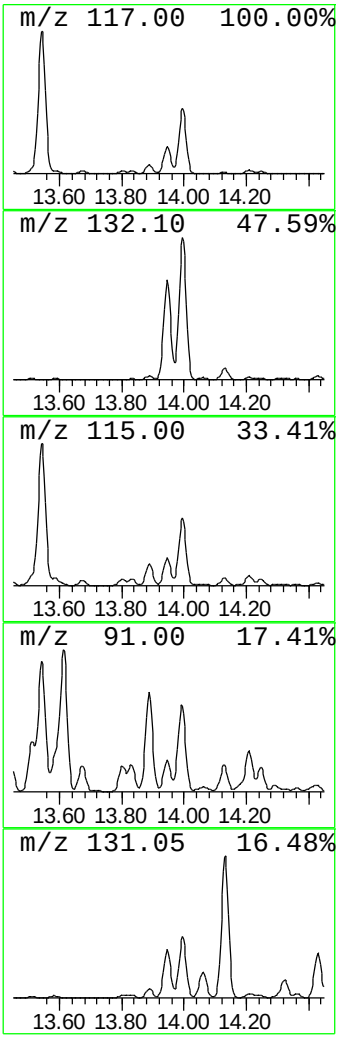
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	6.16 ug/l	4476900	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
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Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

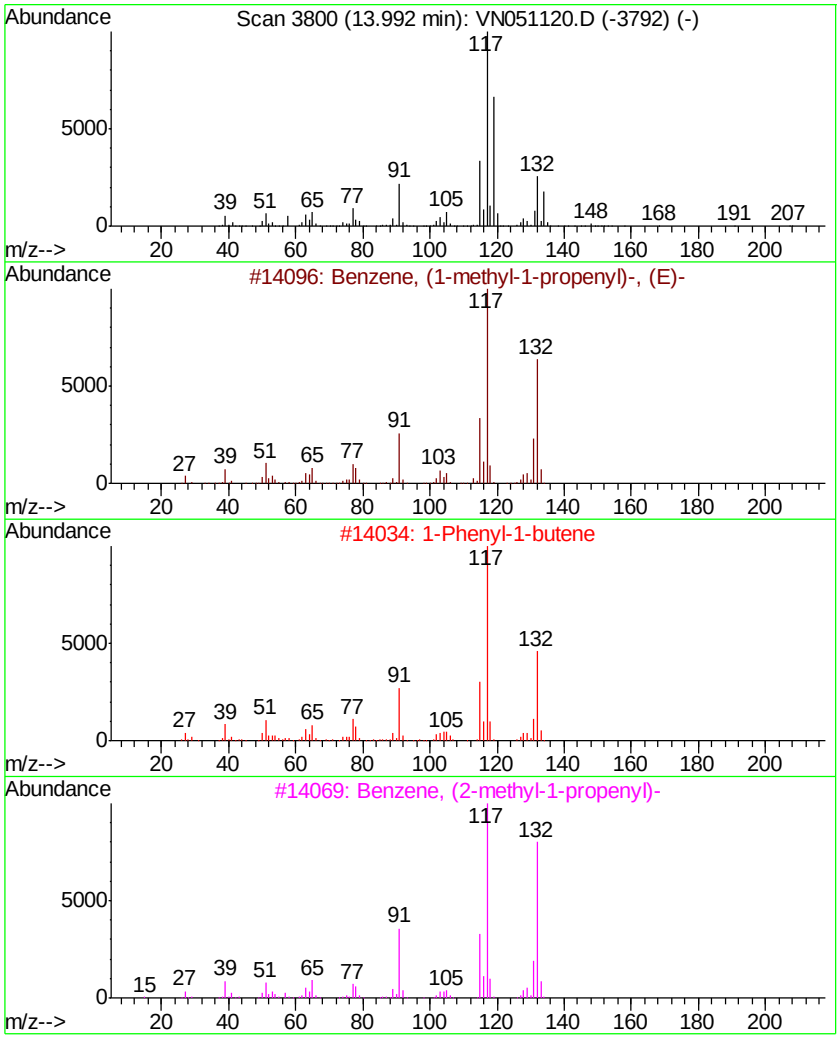
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

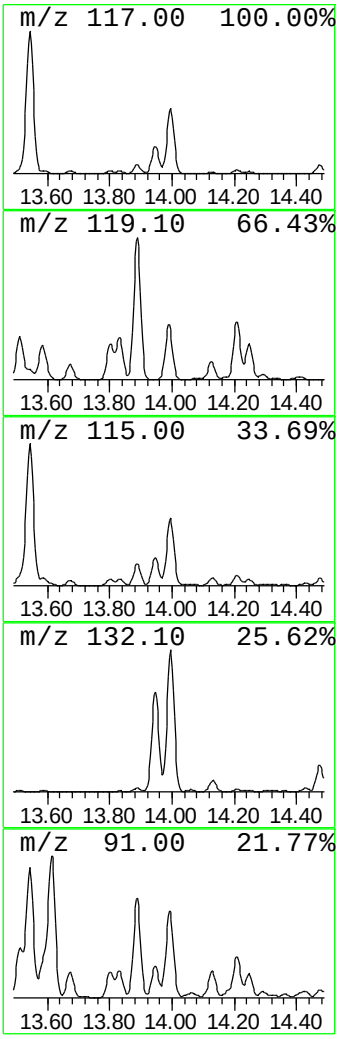
****

Peak Number 8 Benzene, (1-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	19.24 ug/l	13991900	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
4	Indan, 1-methyl-	132	C10H12	000767-58-8	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

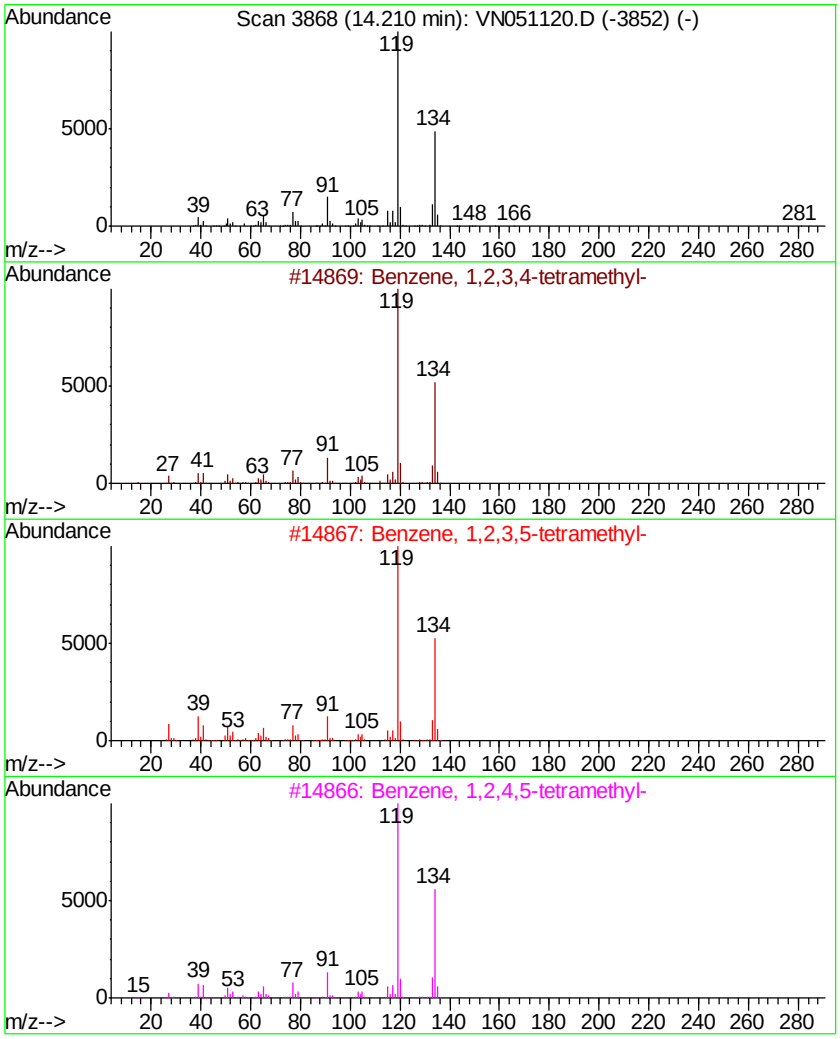
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

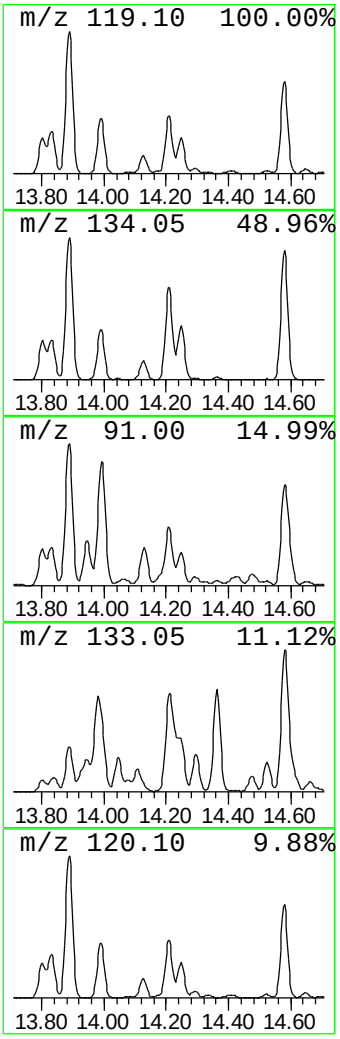
****

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	9.22 ug/l	6704530	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	p-Cymene	134	C10H14	000099-87-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091118\
Data File : VN051120.D
Acq On : 11 Sep 2018 12:19
Operator : MD\SY
Sample : J4849-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-MW-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260

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

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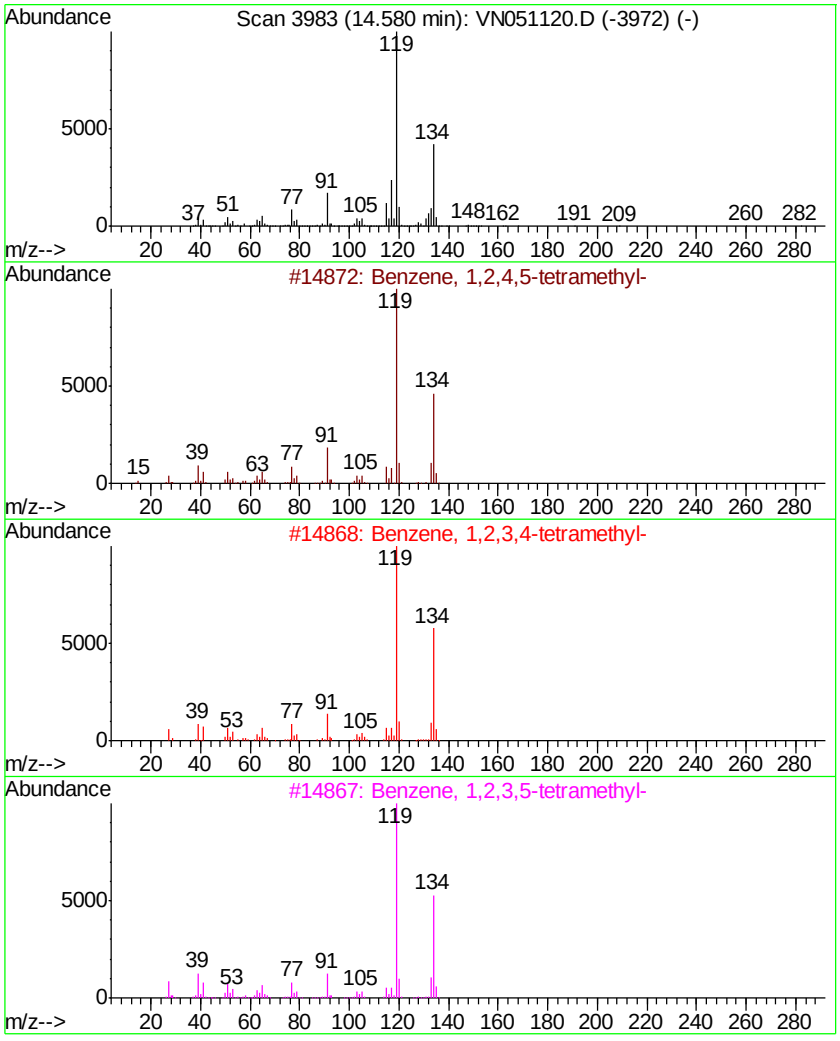
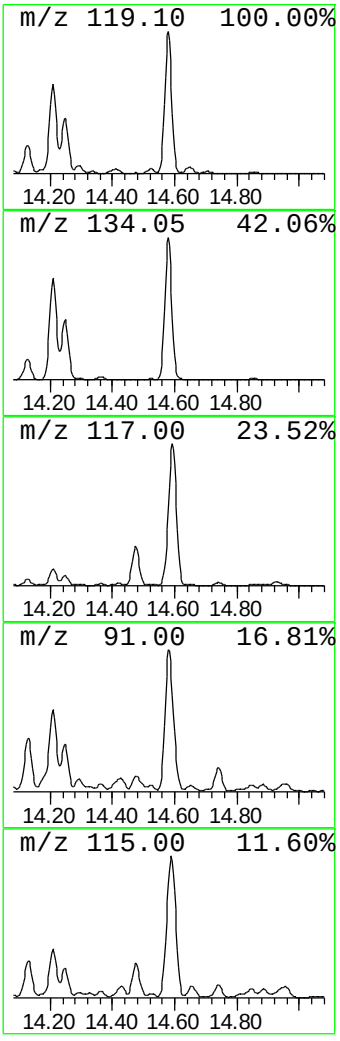
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	18.48 ug/l	13438600	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5	o-Cymene	134	C10H14	000527-84-4	76





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Indene, octahy...	12.12	32.4	ug/l	1713300	3	11.41	2643110	50.0
Cyclohexane, propyl-	12.17	33.1	ug/l	1752570	3	11.41	2643110	50.0
Benzene, 1,2-diet...	13.51	8.6	ug/l	6215480	4	13.34	36365800	50.0
Benzene, 1,1'-(1,...	13.54	30.5	ug/l	22183800	4	13.34	36365800	50.0
Benzene, 1-ethyl-...	13.89	18.1	ug/l	13189700	4	13.34	36365800	50.0
Indan, 1-methyl-	13.95	6.2	ug/l	4476900	4	13.34	36365800	50.0
Benzene, (1-methy...	13.99	19.2	ug/l	13991900	4	13.34	36365800	50.0
Benzene, 1,2,3,4-...	14.21	9.2	ug/l	6704530	4	13.34	36365800	50.0
Benzene, 1,2,4,5-...	14.58	18.5	ug/l	13438600	4	13.34	36365800	50.0