LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

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\82N110420W.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	7.550	1785	1807	1819	rBV2	228806	589146	1.08%	0.269%
2	7.627	1819	1831	1852	rVB	343134	821019	1.50%	0.375%
3	7.987	1926	1943	1967	rBV	260550	617911	1.13%	0.282%
4	8.550	2104	2118	2139	rVB	592251	1244372	2.28%	0.569%
5	10.058	2573	2587	2618	rBV	990377	1852766	3.39%	0.847%
6	11.380	2985	2998	3015	rBV	1024270	1798276	3.29%	0.822%
7	11.482	3016	3030	3048	rBV	1375246	2554516	4.68%	1.167%
8	11.601	3048	3067	3084	rBV2	1563905	3644252	6.67%	1.665%
9	11.894	3145	3158	3169	rBV4	510440	1257592	2.30%	0.575%
10	12.093	3213	3220	3227	rBV2	485263	724132	1.33%	0.331%
11	12.138	3227	3234	3241	rVB6	394655	609717	1.12%	0.279%
12	12.222	3250	3260	3271	rBV	4155824	6593530	12.07%	3.013%
13	12.376	3297	3308	3319	rBV	984063	1704891	3.12%	0.779%
14	12.447	3319	3330	3341	rBV7	351340	854729	1.56%	0.391%
15	12.566	3350	3367	3377	rVB	6918905	11889071	21.76%	5.432%
16	12.630	3377	3387	3391	rBV	2171501	3422266	6.26%	1.564%
17	12.662	3391	3397	3404	rVV	3815491	6202357	11.35%	2.834%
18	12.707	3404	3411	3421	rVB	3272400	5139991	9.41%	2.348%
19	12.846	3447	3454	3467	rBV7	218487	570363	1.04%	0.261%
20	12.939	3475	3483	3489	rBV3	1017126	1663082	3.04%	0.760%
21	13.016	3496	3507	3519	rVB	31970450	54633497	100.00%	24.962%
22	13.145	3533	3547	3556	rBV2	2546138	5435719	9.95%	2.484%
23	13.209	3558	3567	3576	rVV3	1408785	2482965	4.54%	1.134%
24	13.264	3576	3584	3592	rVV	1217380	1859046	3.40%	0.849%
25	13.347	3593	3610	3623	rVB	13990021	24809838	45.41%	11.336%
26	13.418	3624	3632	3641	rBV	1104123	1622254	2.97%	0.741%
27	13.486	3644	3653	3657	rVV	3178890	4767663	8.73%	2.178%
28	13.518	3657	3663	3671	rVV	6298658	10113022	18.51%	4.621%
29	13.566	3671	3678	3692	rVV4	2263112	5277922	9.66%	2.411%
30	13.646	3693	3703	3712	rVB4	1774039	3126833	5.72%	1.429%
31	13.778	3734	3744	3748	rVV	2198494	3420052	6.26%	1.563%
32	13.807	3749	3753	3761	rVV	2490230	3399864	6.22%	1.553%
33	13.862	3761	3770	3780	rVV	5727974	8712446	15.95%	3.981%
34	13.920	3780	3788	3794	rVV	1450436	2220515	4.06%	1.015%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

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\82N110420W.M
Title : SW846 8260

35	13.968	3794	3803	3814	rVV3	5476665	8967615	16.41%	4.097%
36	14.029	3815	3822	3834	rVB8	301037	728250	1.33%	0.333%
37	14.103	3835	3845	3854	rBV2	1803270	2986753	5.47%	1.365%
38	14.183	3855	3870	3876	rVV	2540187	4710573	8.62%	2.152%
39	14.222	3876	3882	3891	rVB	3445865	5060788	9.26%	2.312%
40	14.450	3945	3953	3962	rBV3	533827	827574	1.51%	0.378%
41	14.559	3975	3987	4000	rBV4	3283730	6603666	12.09%	3.017%
42	14.714	4019	4035	4045	rBV	755982	1277562	2.34%	0.584%
43	14.929	4093	4102	4113	rVB2	294821	621700	1.14%	0.284%
44	15.103	4139	4156	4169	rVB	827167	1445315	2.65%	0.660%

Sum of corrected areas: 218865411

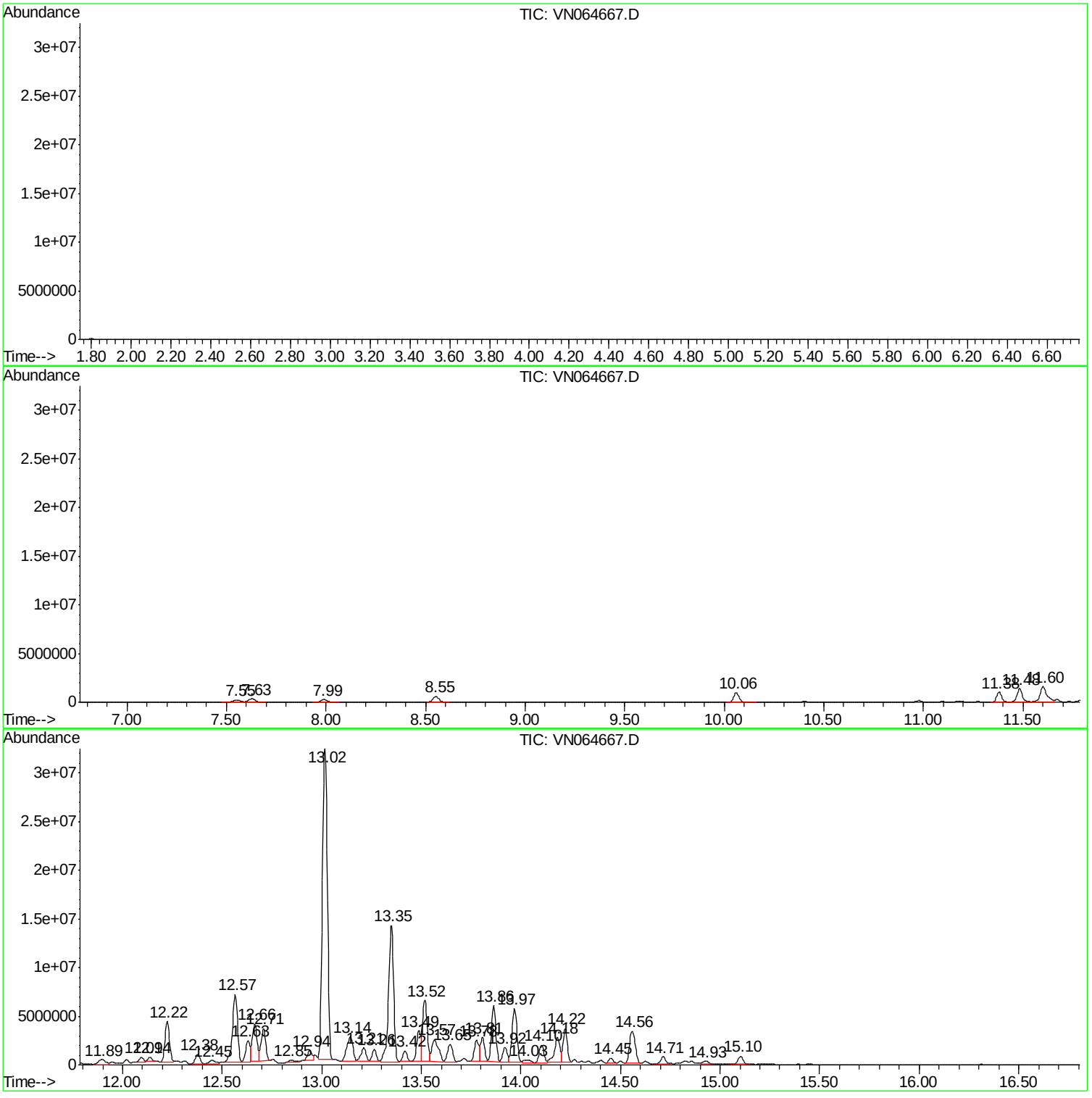
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.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\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

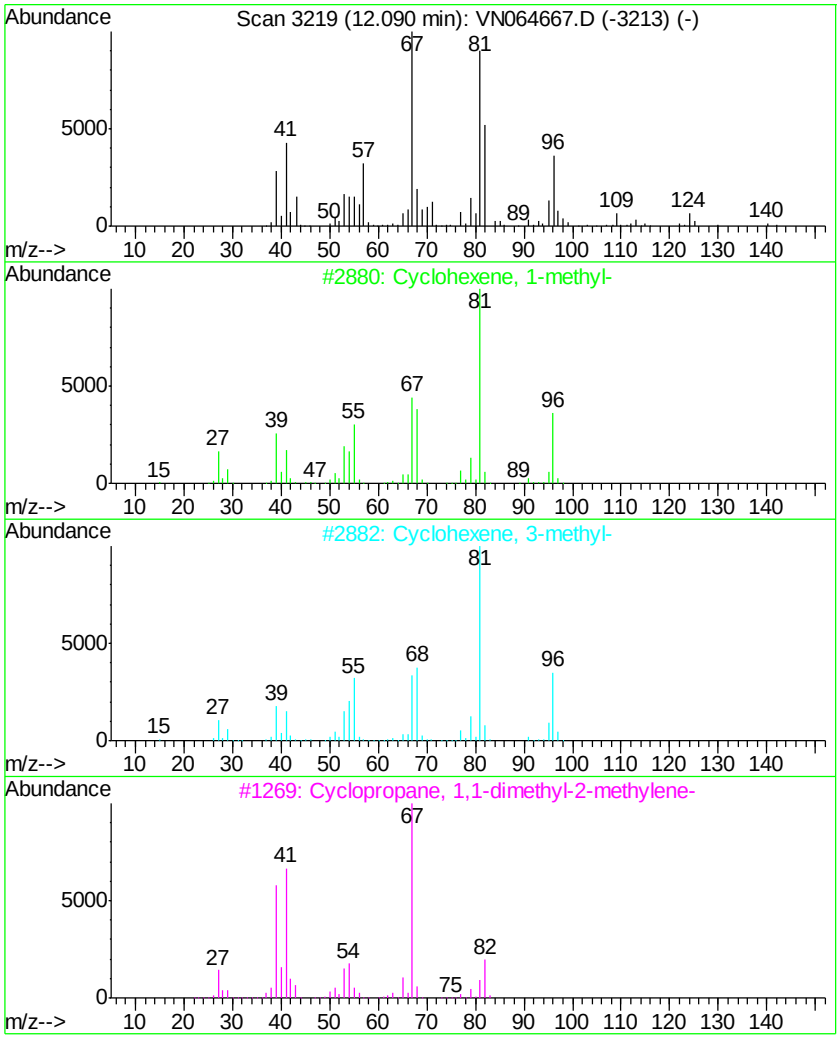
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

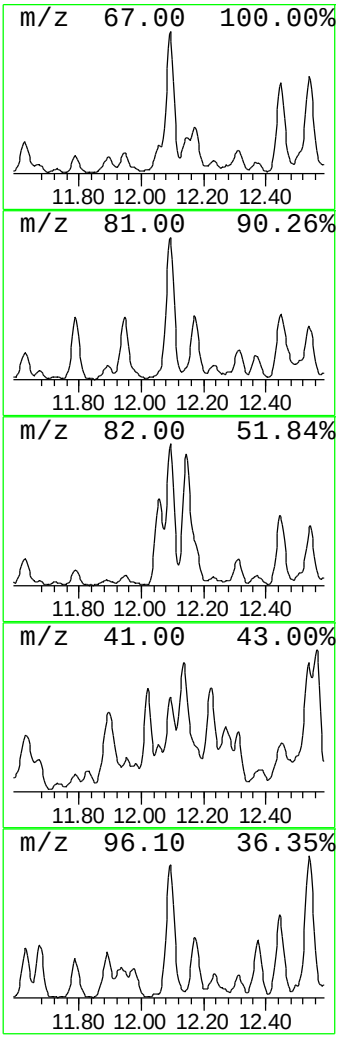
****

Peak Number 1 unknown12.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	20.13 ug/l	724132	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	47
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	46
3	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	43
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

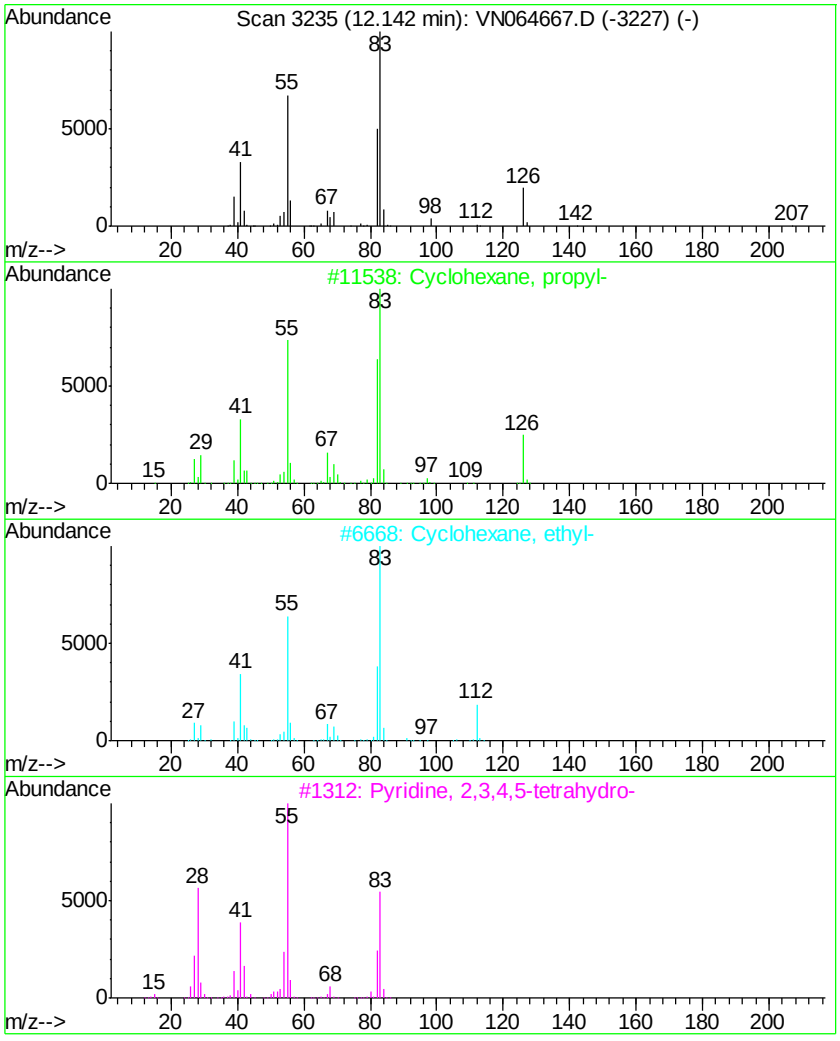
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

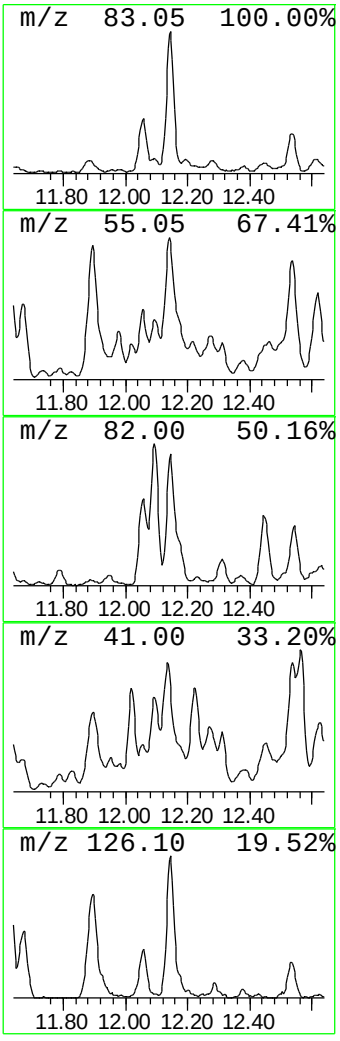
****

Peak Number 2 Cyclohexane, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	16.95 ug/l	609717	Chlorobenzene-d5	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	53
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	52
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

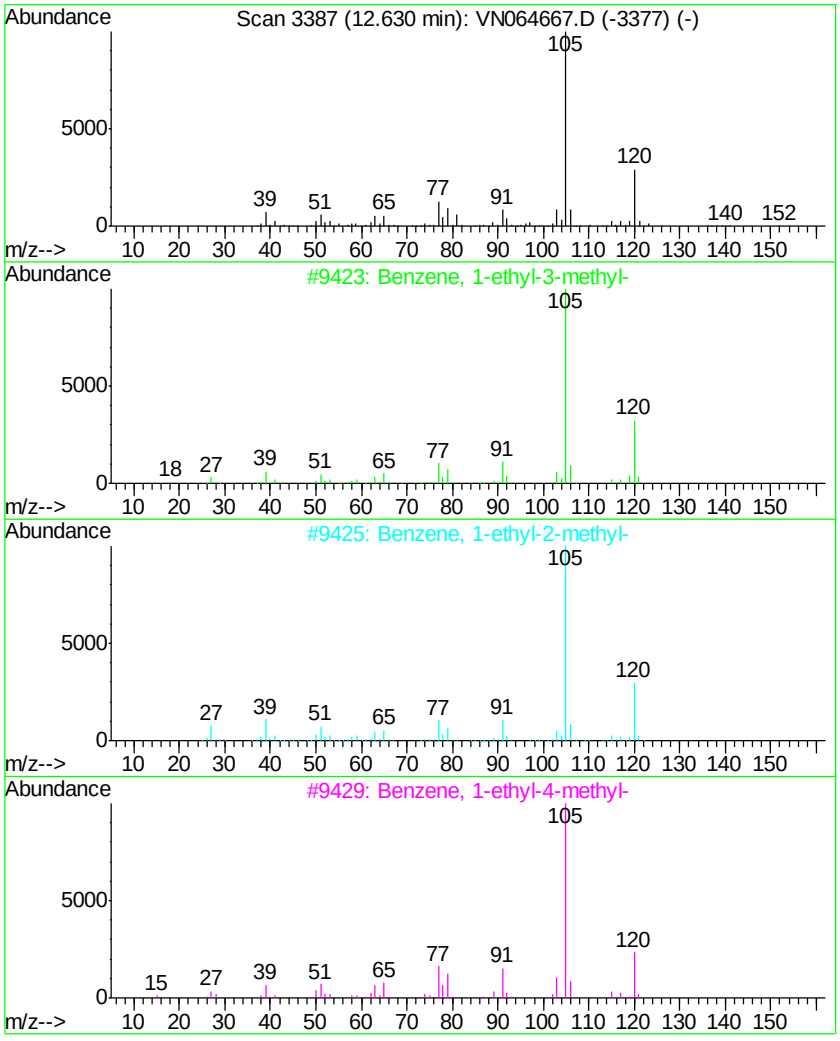
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

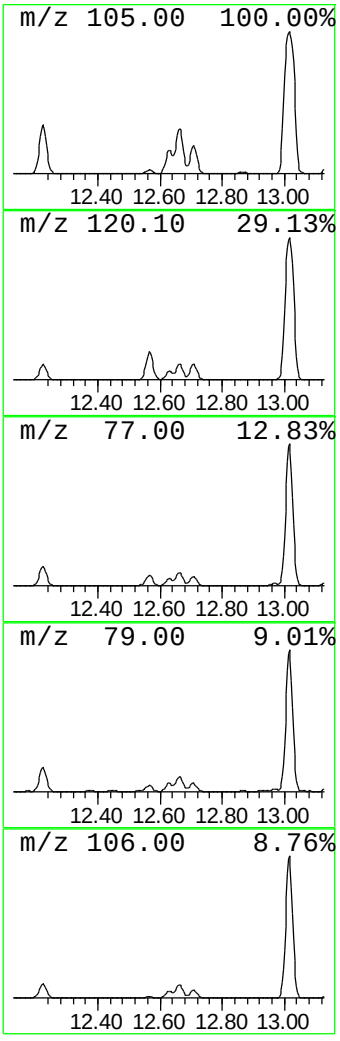
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.90 ug/l	3422270	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

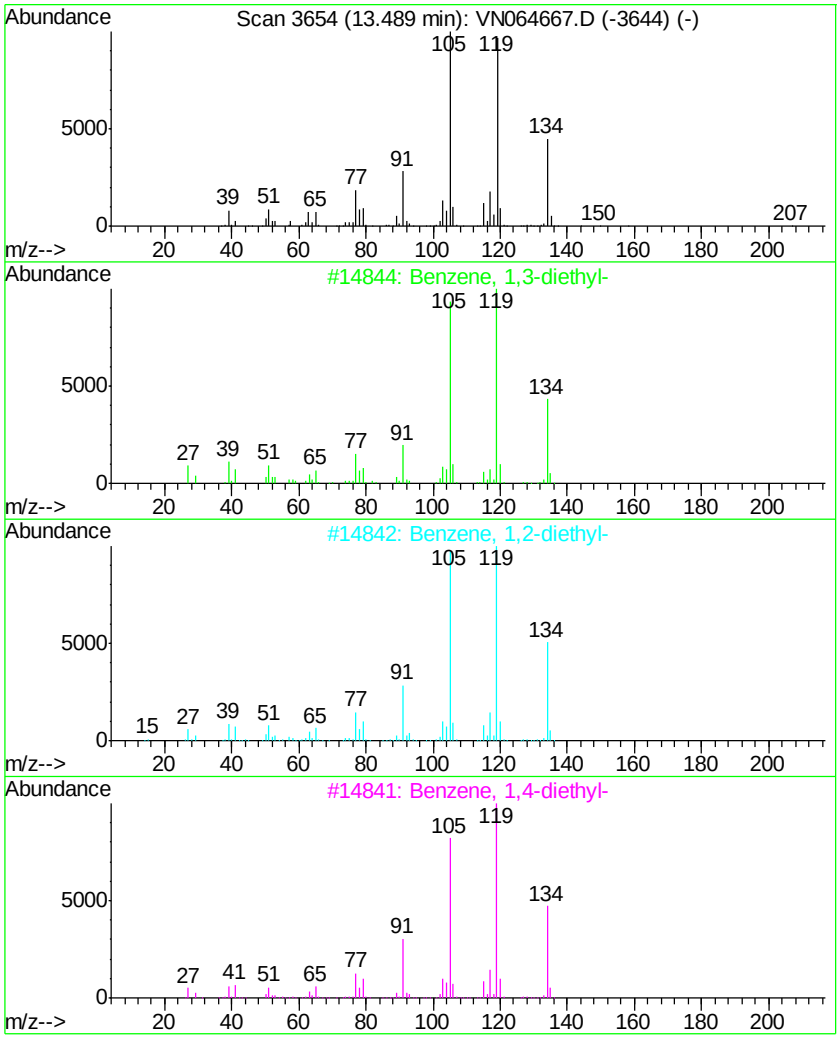
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

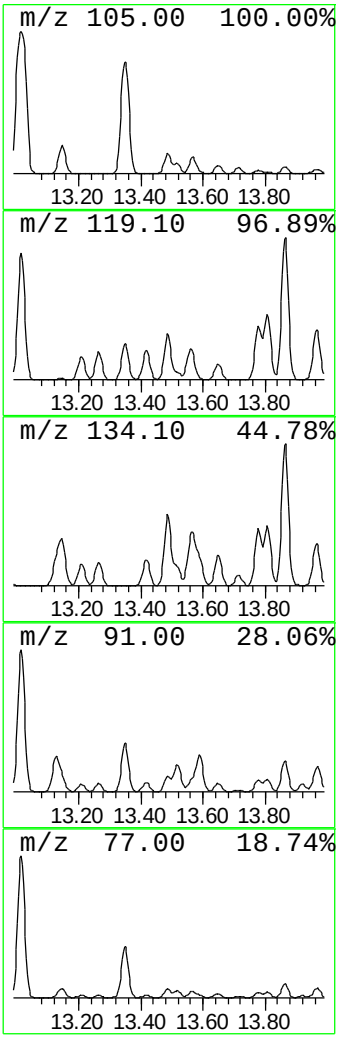
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	9.61 ug/l	4767660	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

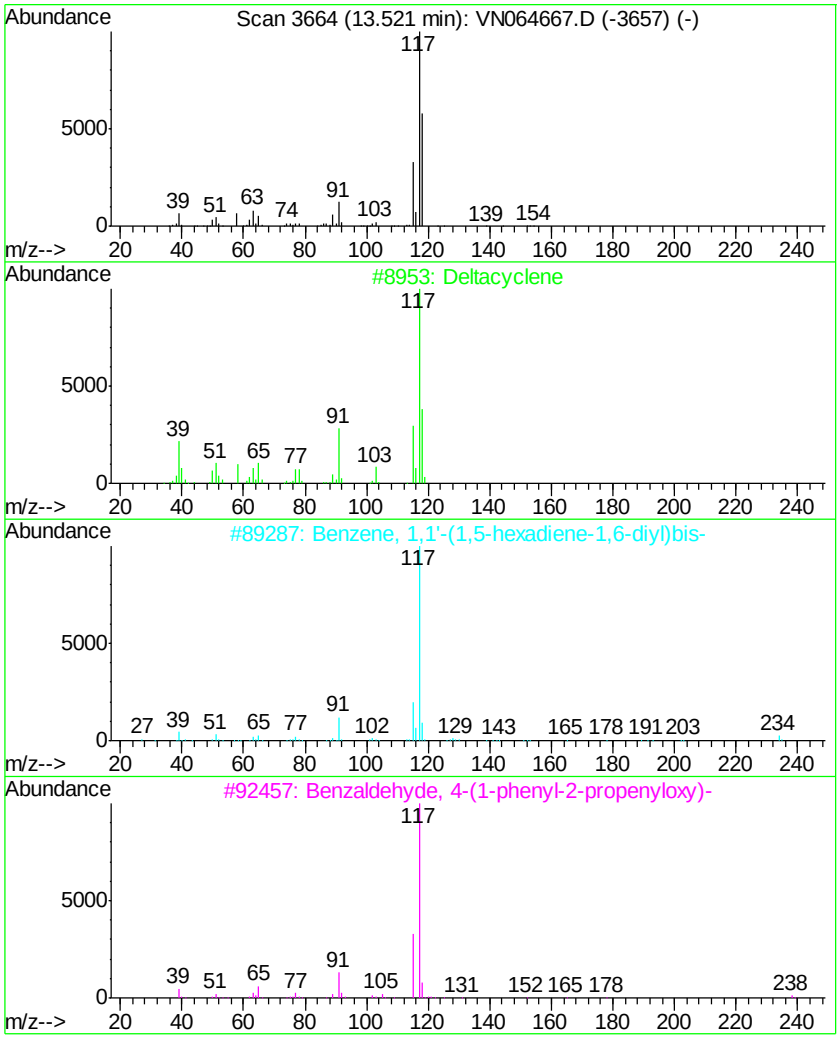
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

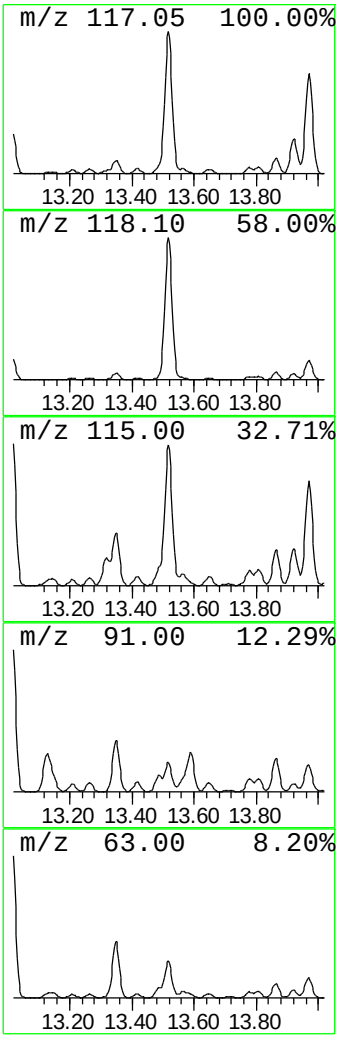
****

Peak Number 5 Deltacyclene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	20.38 ug/l	10113000	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	64
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53
4	Indole	117	C8H7N	000120-72-9	49
5	5H-1-Pyrindine	117	C8H7N	000270-91-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

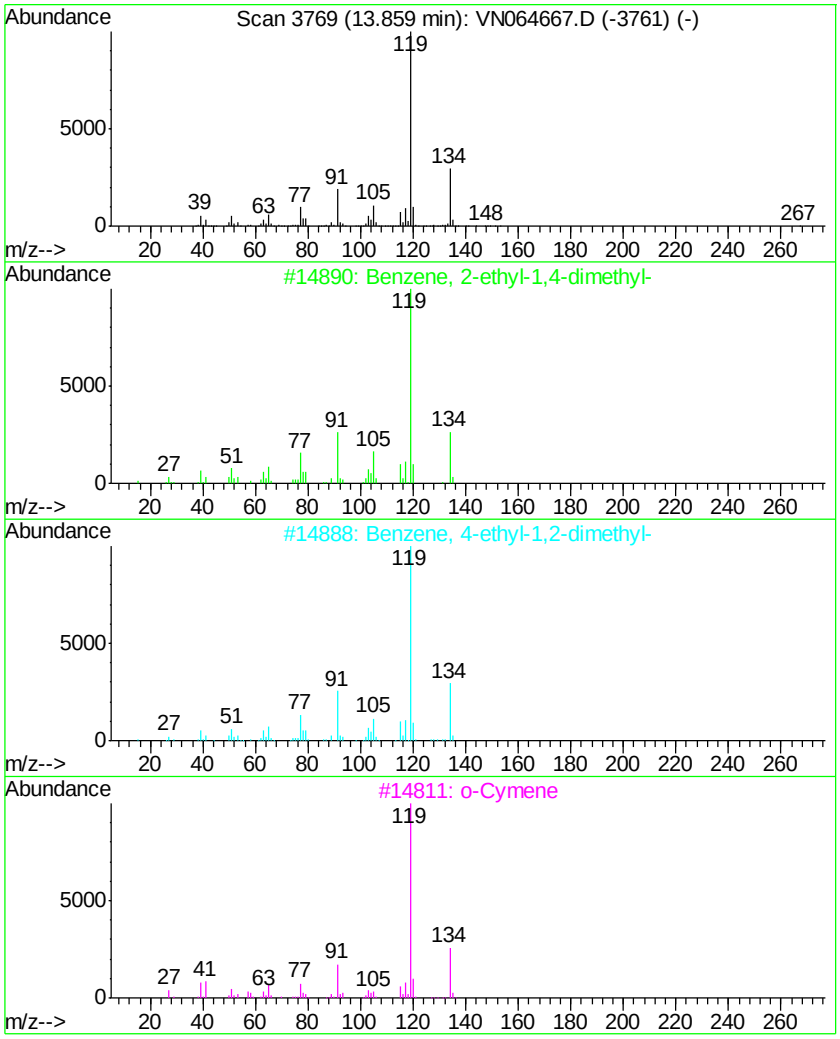
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

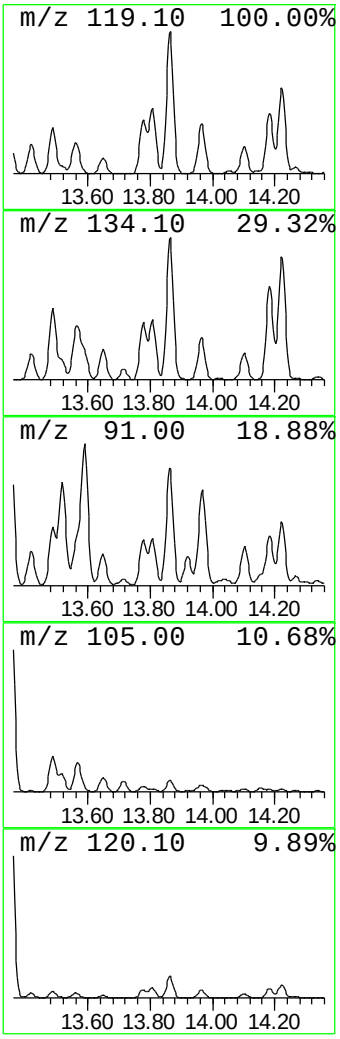
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	17.56 ug/l	8712450	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

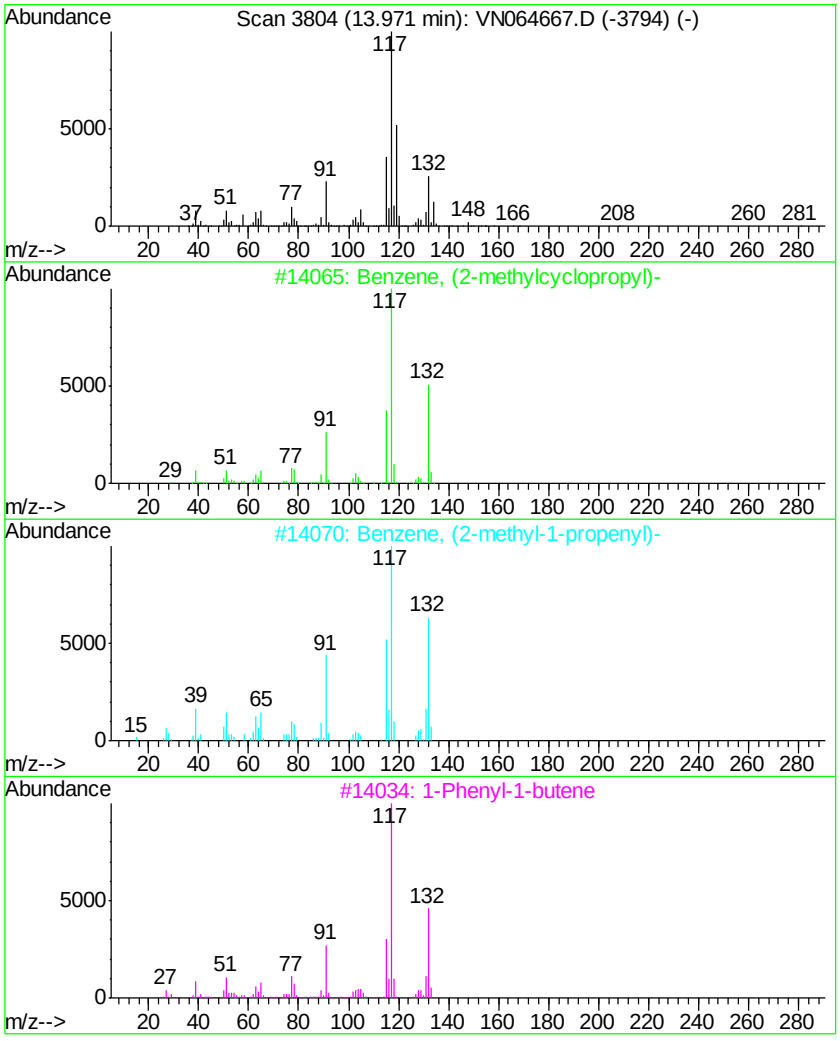
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

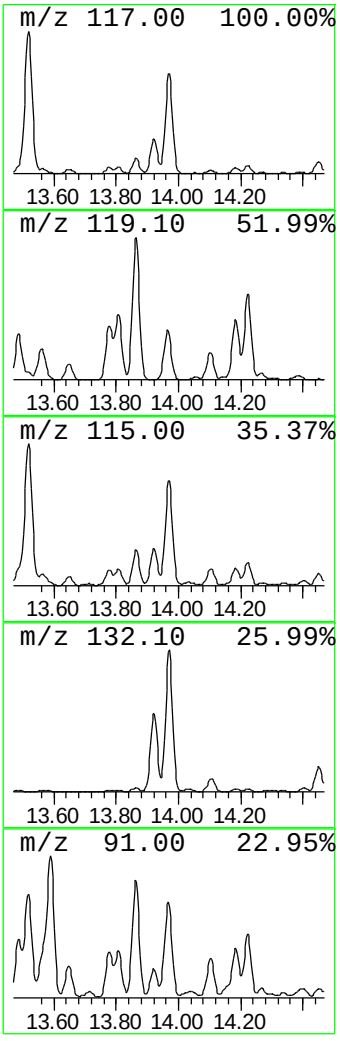
****

Peak Number 7 Benzene, (2-methylcycloprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	18.07 ug/l	8967620	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

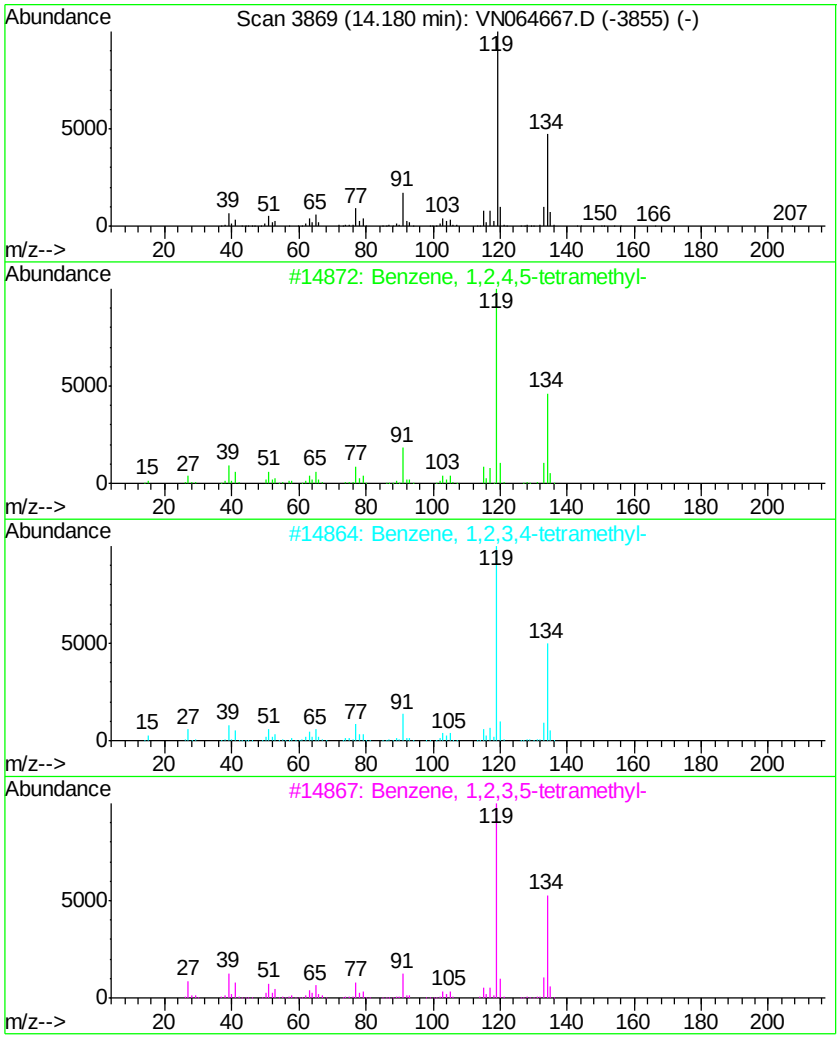
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

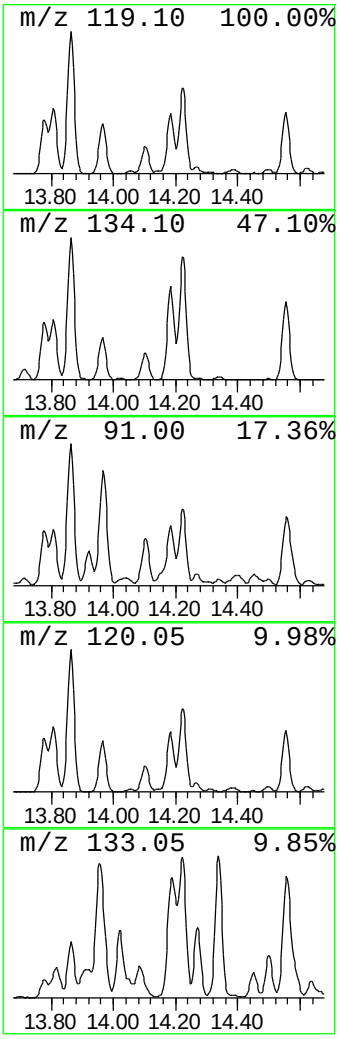
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	9.49 ug/l	4710570	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

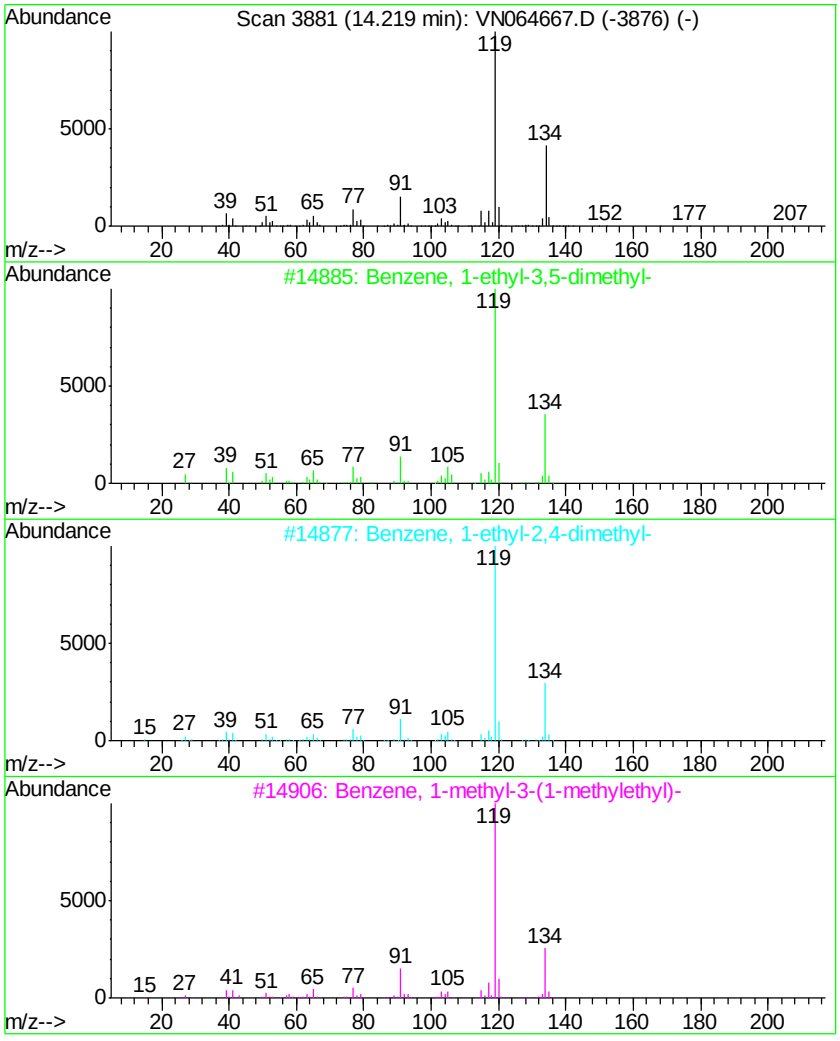
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

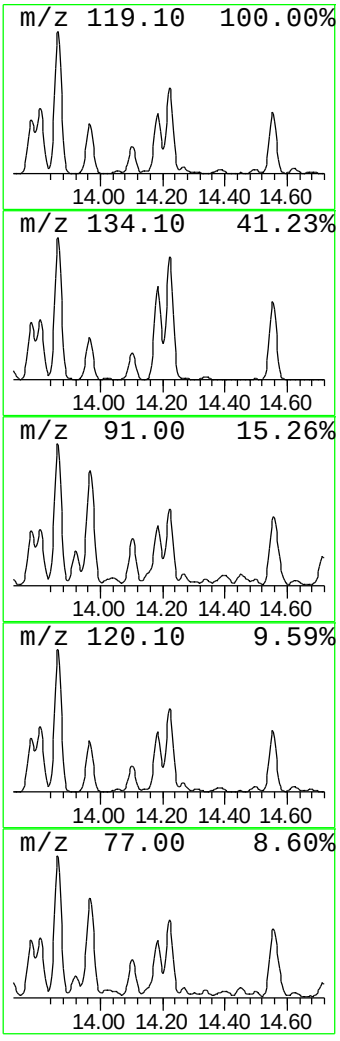
****

Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	10.20 ug/l	5060790	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260

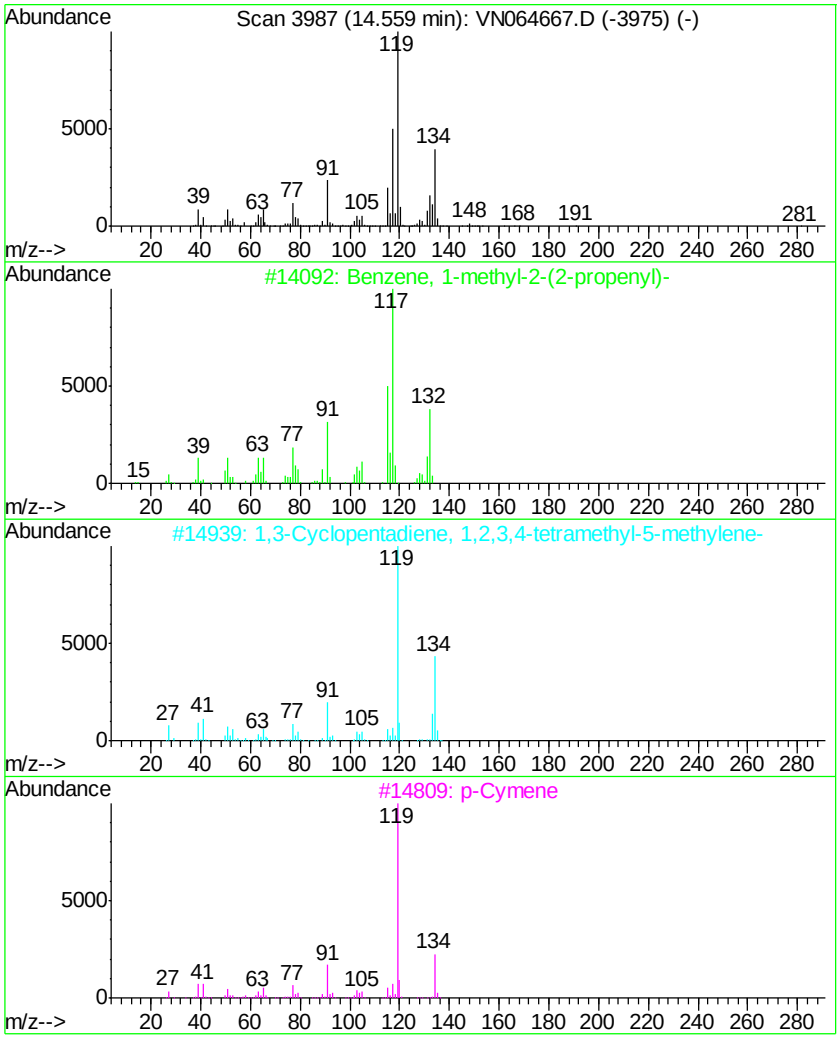
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

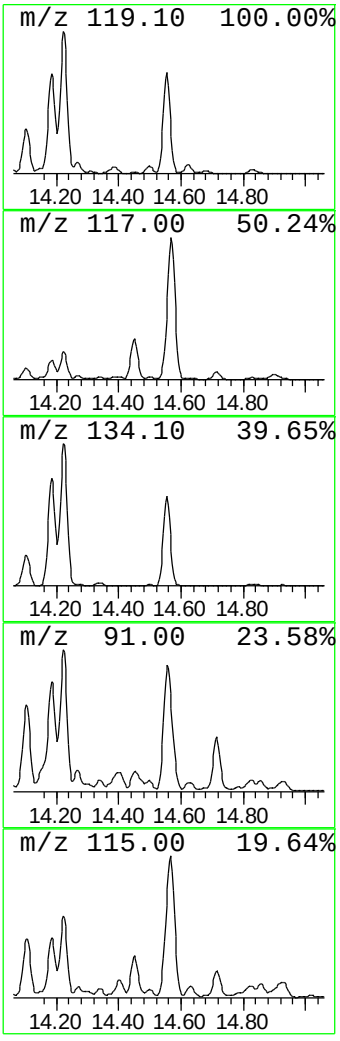
****

Peak Number 10 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	13.31 ug/l	6603670	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
3	p-Cymene	134	C10H14	000099-87-6	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064667.D
Acq On : 16 Nov 2020 18:01
Operator : JC/MD
Sample : L4772-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.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
unknown12.09	12.09	20.1	ug/l	724132	3	11.38	1798280	50.0
Cyclohexane, propyl-	12.14	16.9	ug/l	609717	3	11.38	1798280	50.0
Benzene, 1-ethyl-...	12.63	6.9	ug/l	3422270	4	13.32	24809800	50.0
Benzene, 1,3-diet...	13.49	9.6	ug/l	4767660	4	13.32	24809800	50.0
Deltacyclene	13.52	20.4	ug/l	10113000	4	13.32	24809800	50.0
Benzene, 2-ethyl-...	13.86	17.6	ug/l	8712450	4	13.32	24809800	50.0
Benzene, (2-methy...	13.97	18.1	ug/l	8967620	4	13.32	24809800	50.0
Benzene, 1,2,4,5-...	14.18	9.5	ug/l	4710570	4	13.32	24809800	50.0
Benzene, 1-ethyl-...	14.22	10.2	ug/l	5060790	4	13.32	24809800	50.0
Benzene, 1-methyl...	14.56	13.3	ug/l	6603670	4	13.32	24809800	50.0