LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

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\82N052820W.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	3.776	611	623	640	rBV2	16997	44068	1.40%	0.186%
2	7.548	1775	1796	1808	rBV	188771	478242	15.22%	2.016%
3	7.625	1808	1820	1842	rVB	349279	836231	26.62%	3.525%
4	7.988	1912	1933	1951	rBV2	202369	476554	15.17%	2.009%
5	8.551	2090	2108	2131	rBV	530778	1109385	35.31%	4.676%
6	10.059	2559	2577	2592	rBV	858943	1564159	49.78%	6.593%
7	11.381	2973	2988	3010	rBV	833660	1514135	48.19%	6.383%
8	11.924	3136	3157	3168	rBV3	21273	50119	1.60%	0.211%
9	12.136	3216	3223	3241	rVB9	14043	31843	1.01%	0.134%
10	12.377	3285	3298	3310	rBV	649059	1094663	34.84%	4.614%
11	12.705	3393	3400	3411	rVB	60912	99927	3.18%	0.421%
12	12.866	3437	3450	3457	rBV	47907	91112	2.90%	0.384%
13	12.937	3467	3472	3484	rVB3	24678	33887	1.08%	0.143%
14	13.014	3487	3496	3506	rVB	92483	150034	4.78%	0.632%
15	13.146	3523	3537	3543	rBV9	23345	56790	1.81%	0.239%
16	13.319	3579	3591	3611	rVB2	861126	1803917	57.41%	7.604%
17	13.490	3636	3644	3646	rBV	57957	73580	2.34%	0.310%
18	13.519	3647	3653	3660	rVV	153046	252880	8.05%	1.066%
19	13.561	3660	3666	3679	rVB2	117458	198504	6.32%	0.837%
20	13.634	3680	3689	3701	rBV8	83862	188917	6.01%	0.796%
21	13.779	3726	3734	3739	rBV	84602	132014	4.20%	0.556%
22	13.863	3752	3760	3769	rVB	282062	419868	13.36%	1.770%
23	13.921	3770	3778	3784	rBV2	65833	111179	3.54%	0.469%
24	13.969	3784	3793	3803	rVB2	292230	481483	15.32%	2.030%
25	14.104	3825	3835	3842	rBV2	120998	220724	7.03%	0.930%
26	14.184	3853	3860	3866	rBV	208832	292755	9.32%	1.234%
27	14.223	3866	3872	3880	rVB	261688	367354	11.69%	1.549%
28	14.271	3881	3887	3893	rBV3	71752	88561	2.82%	0.373%
29	14.307	3893	3898	3905	rVB3	58186	67108	2.14%	0.283%
30	14.451	3935	3943	3952	rBV3	231679	371119	11.81%	1.564%
31	14.499	3953	3958	3966	rVB	103705	134970	4.30%	0.569%
32	14.564	3966	3978	3989	rBV3	879175	1835973	58.44%	7.739%
33	14.622	3989	3996	4007	rVB4	205174	372672	11.86%	1.571%
34	14.824	4051	4059	4066	rBV5	297349	508209	16.18%	2.142%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

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\82N052820W.M
Title : SW846 8260

35	14.930	4083	4092	4105	rVB2	335717	689183	21.94%	2.905%
36	15.088	4137	4141	4156	rVB4	175151	289340	9.21%	1.220%
37	15.213	4172	4180	4188	rBV5	185485	351871	11.20%	1.483%
38	15.387	4224	4234	4247	rBV	316194	665759	21.19%	2.806%
39	15.663	4315	4320	4329	rVB2	154073	242798	7.73%	1.023%
40	15.734	4334	4342	4352	rVB3	192913	395885	12.60%	1.669%
41	15.876	4378	4386	4396	rVB5	200804	349918	11.14%	1.475%
42	15.998	4419	4424	4431	rBV	95386	125935	4.01%	0.531%
43	16.123	4453	4463	4476	rVB	1023768	1917661	61.04%	8.083%
44	16.313	4509	4522	4547	rVB	1381520	3141897	100.00%	13.244%

Sum of corrected areas: 23723183

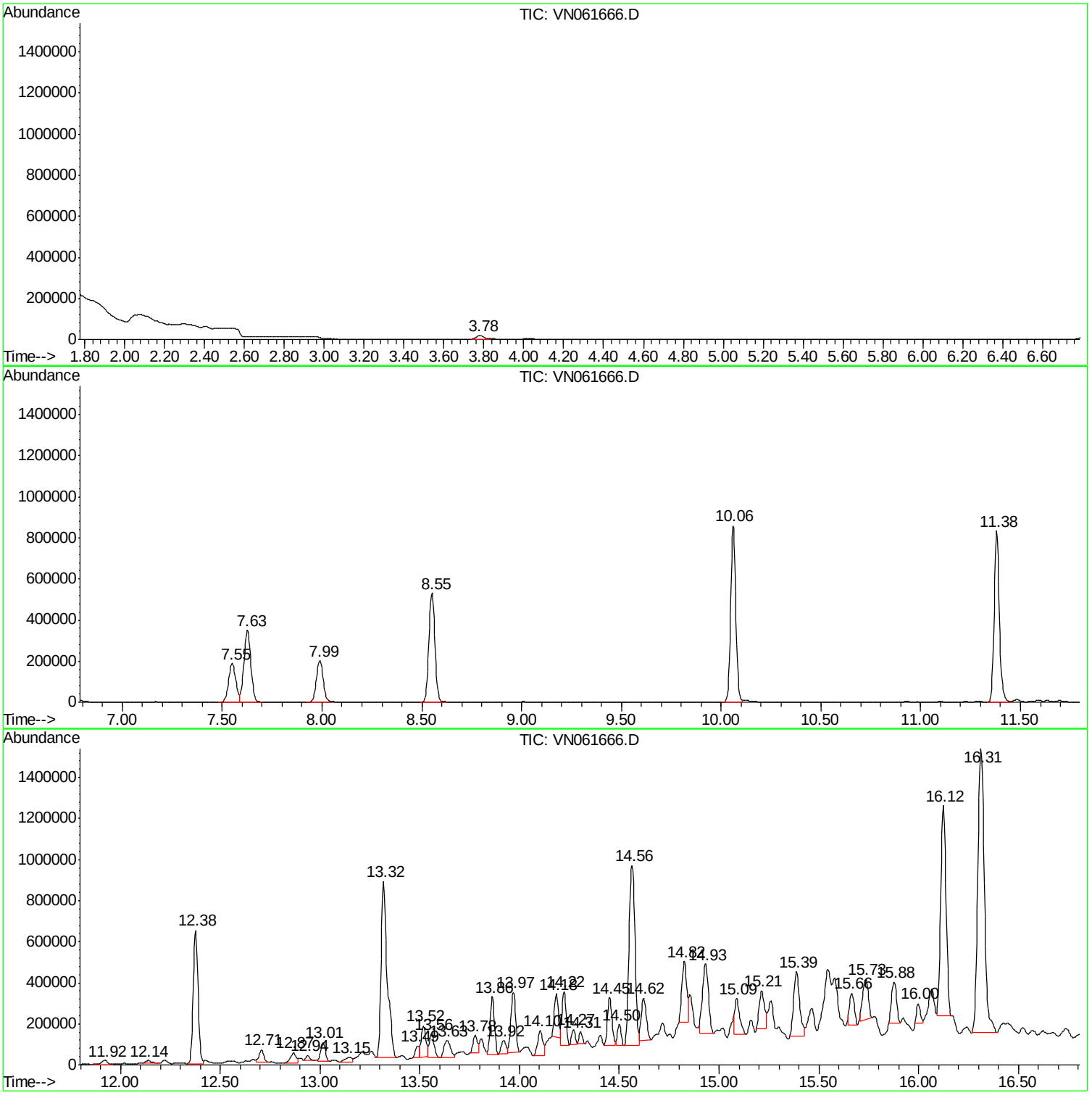
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.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\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

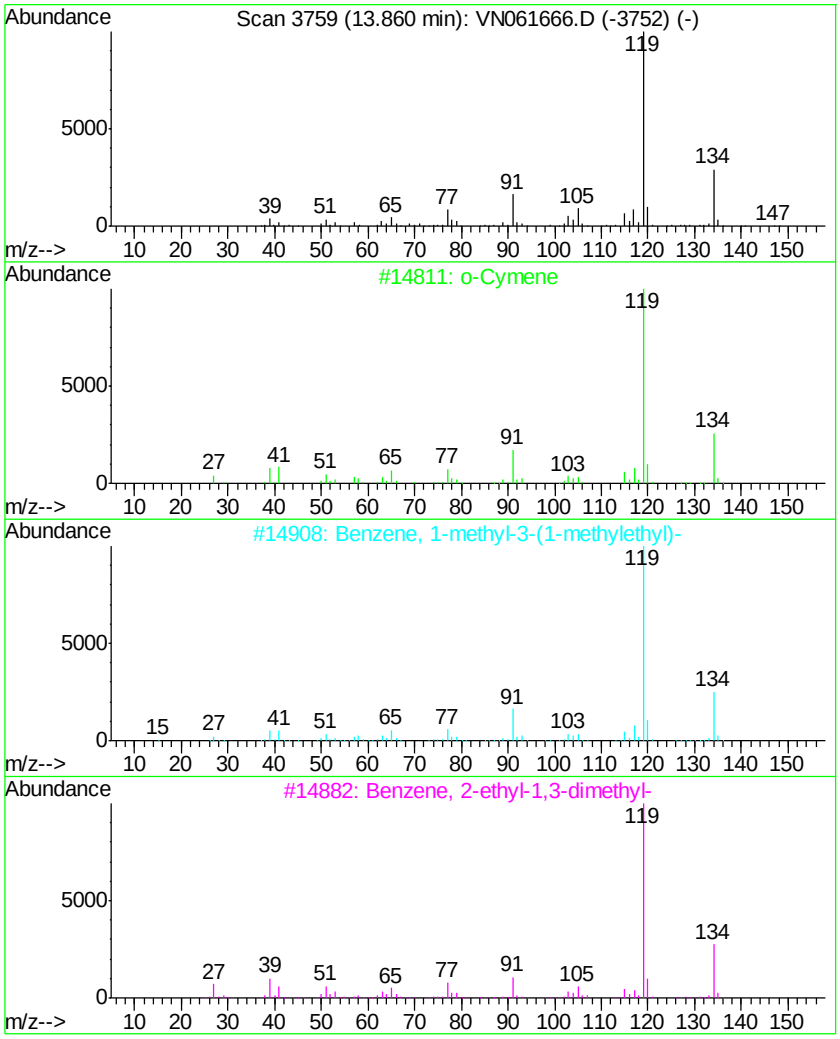
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

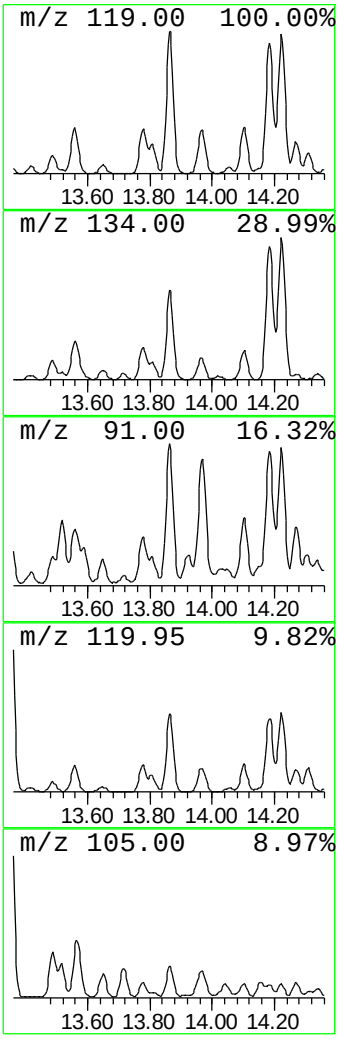
****

Peak Number 1 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	11.64 ug/l	419868	1,4-Dichlorobenzene-d4	13.32

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

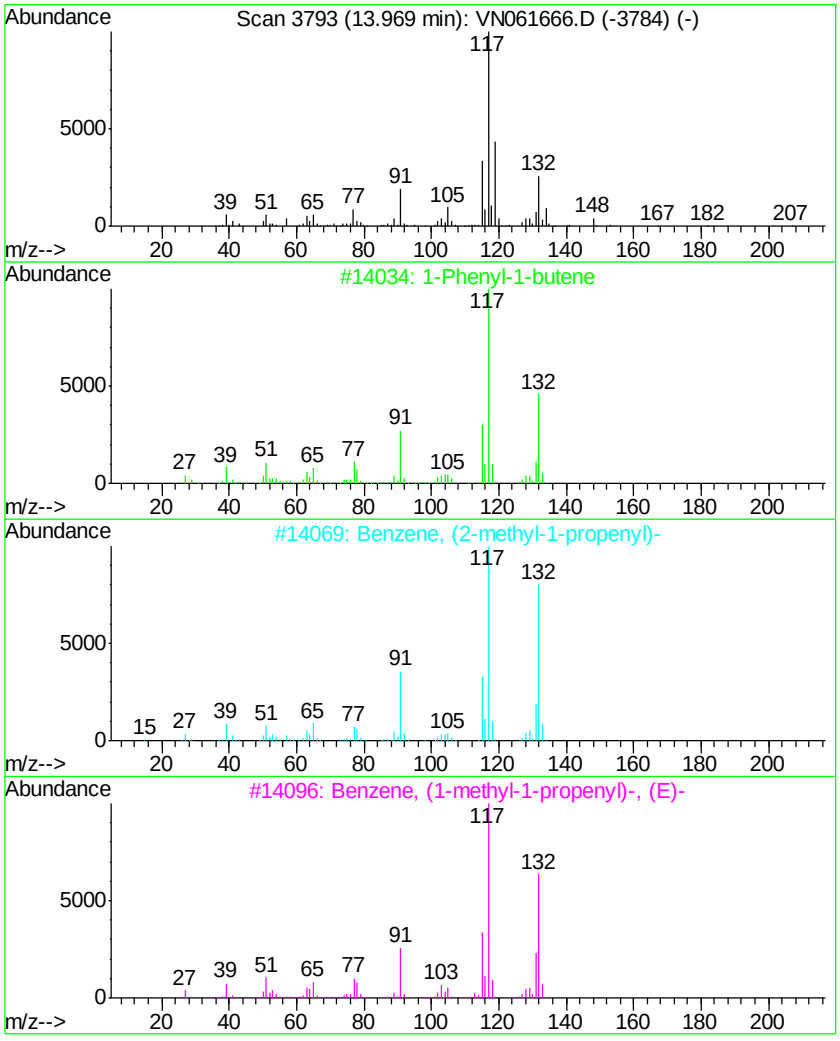
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

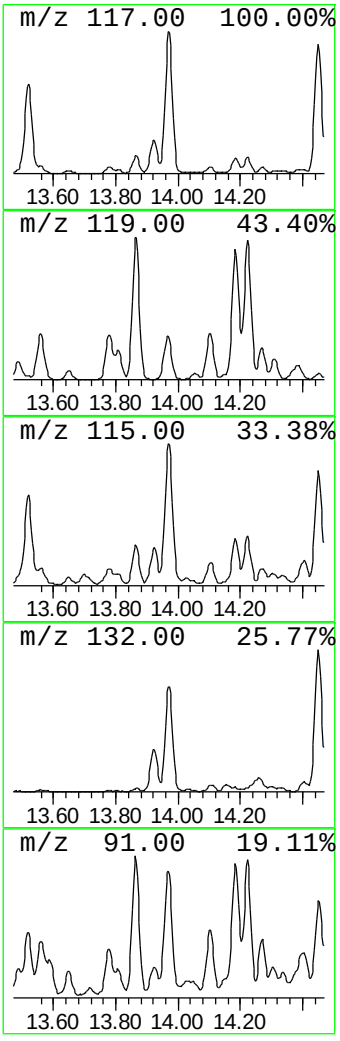
****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	13.35 ug/l	481483	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-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	70
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	62
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

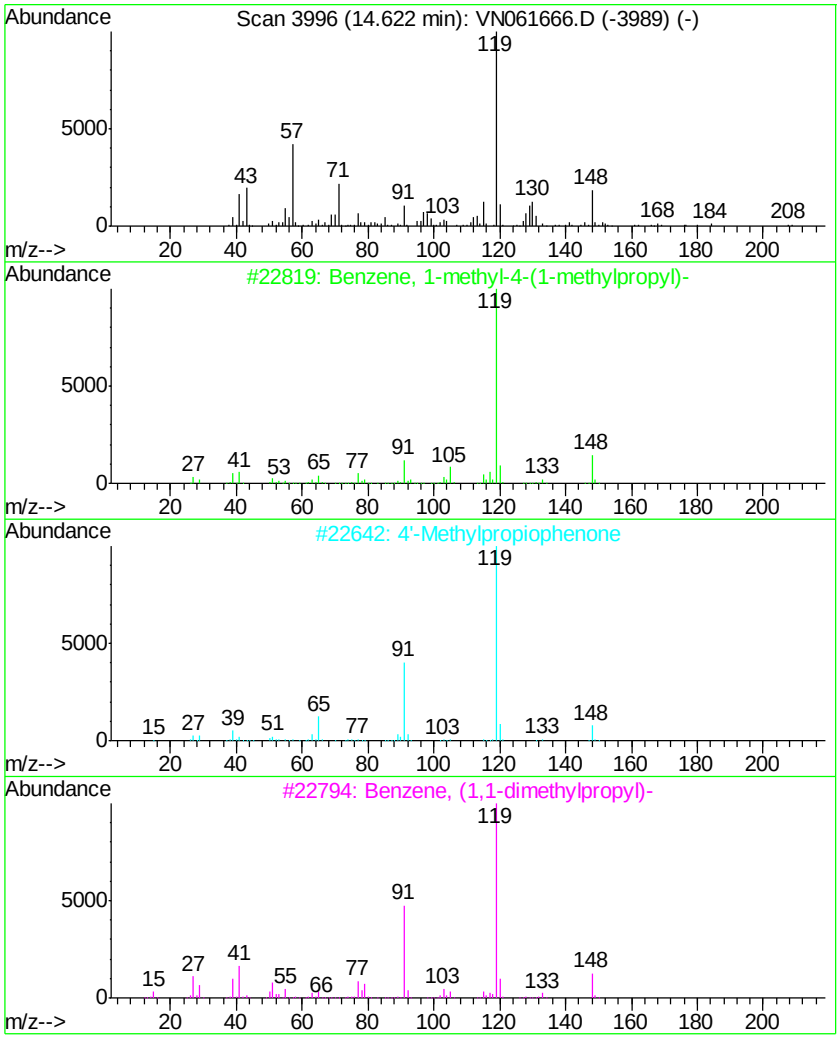
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

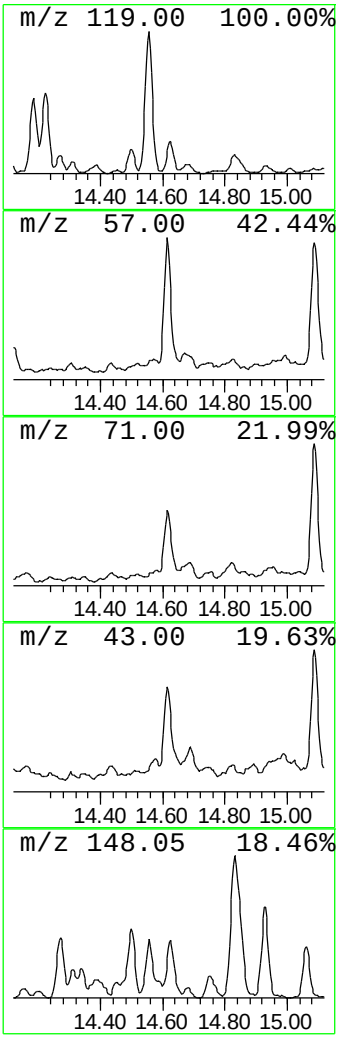
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	10.33 ug/l	372672	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	47
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
4	o-Toluic acid, 4-nitrophenyl ester	257	C14H11NO4	1000307-46-0	43
5	4-Methylbenzoic acid, 2-formyl-4...	308	C15H10Cl2O3	1000331-36-6	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

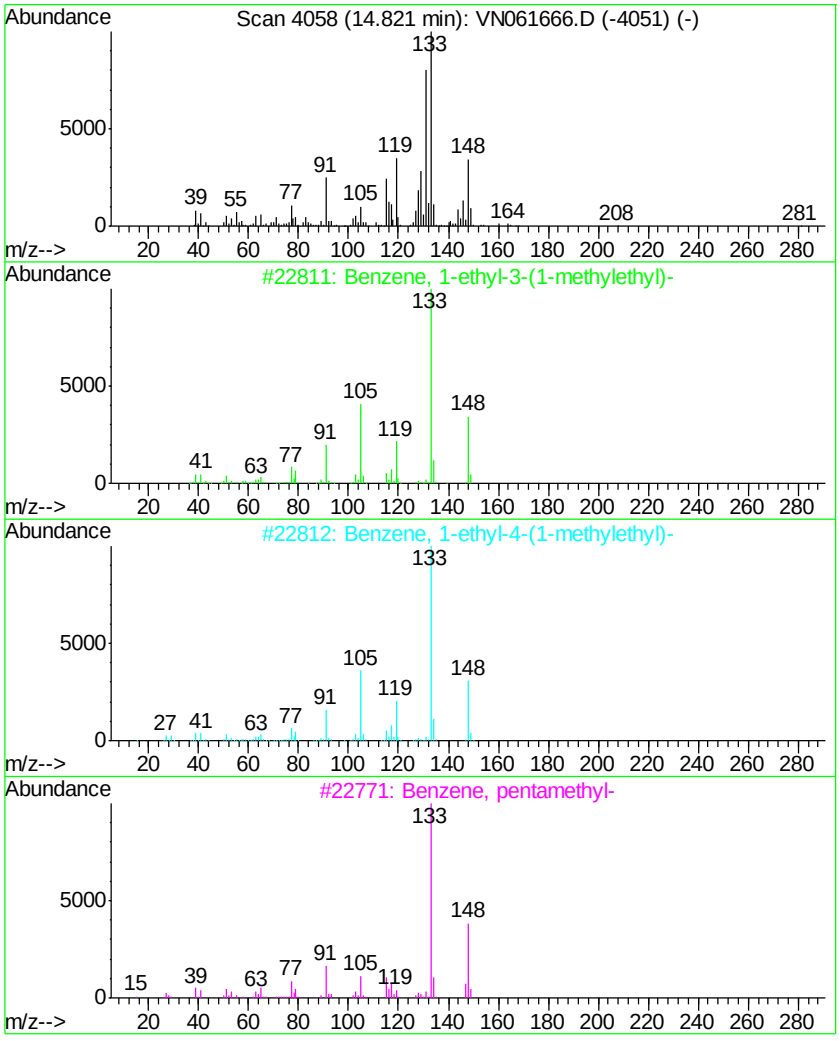
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

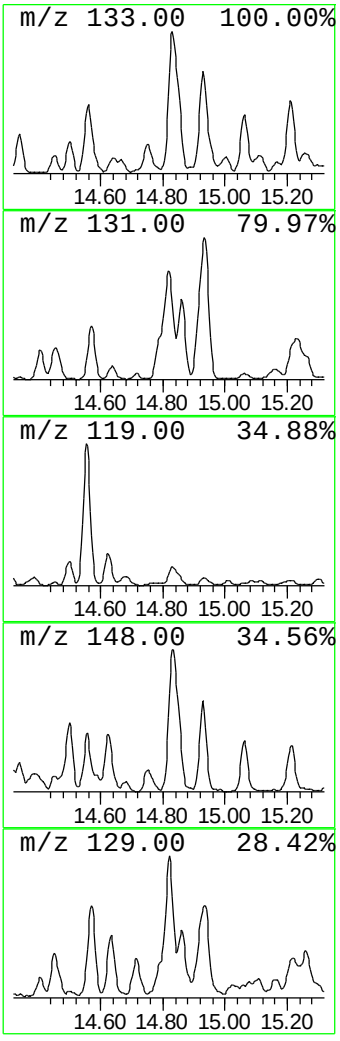
****

Peak Number 5 unknown14.82 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	14.09 ug/l	508209	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

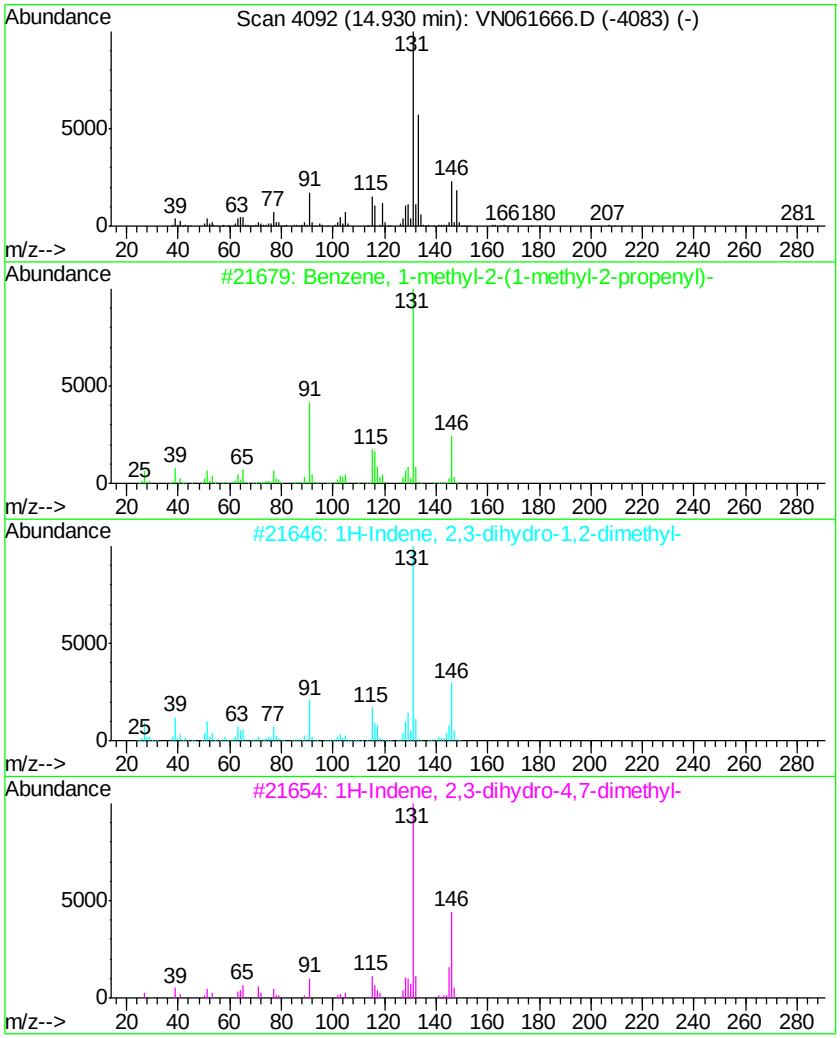
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

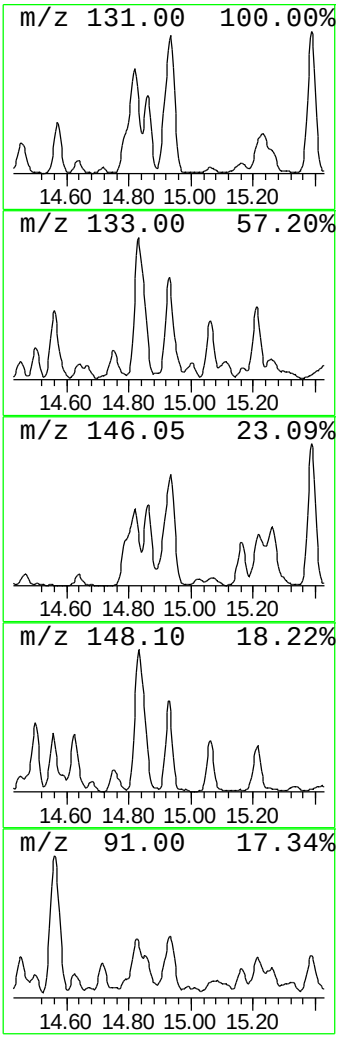
****

Peak Number 6 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	19.10 ug/l	689183	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

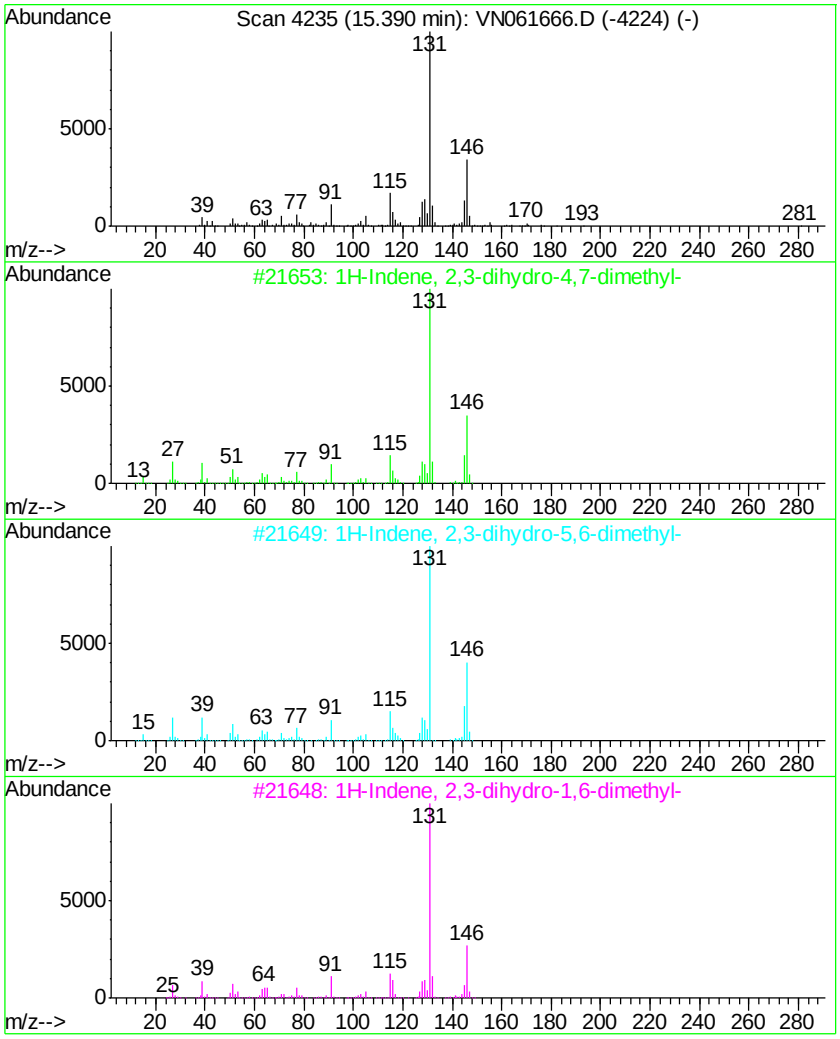
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

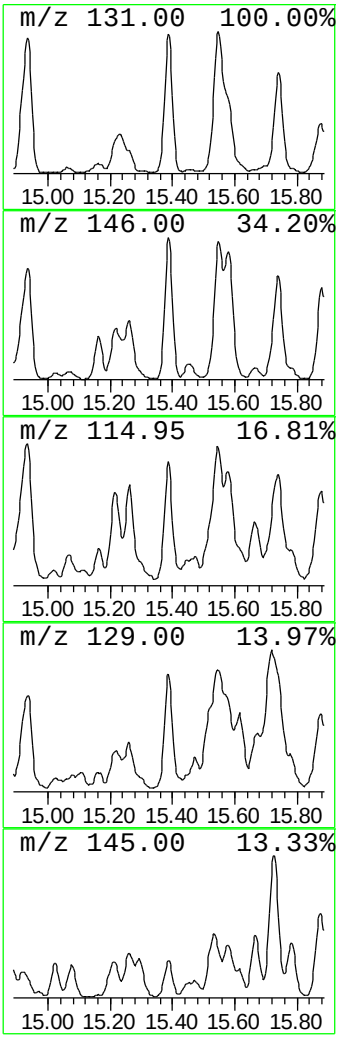
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	18.45 ug/l	665759	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260

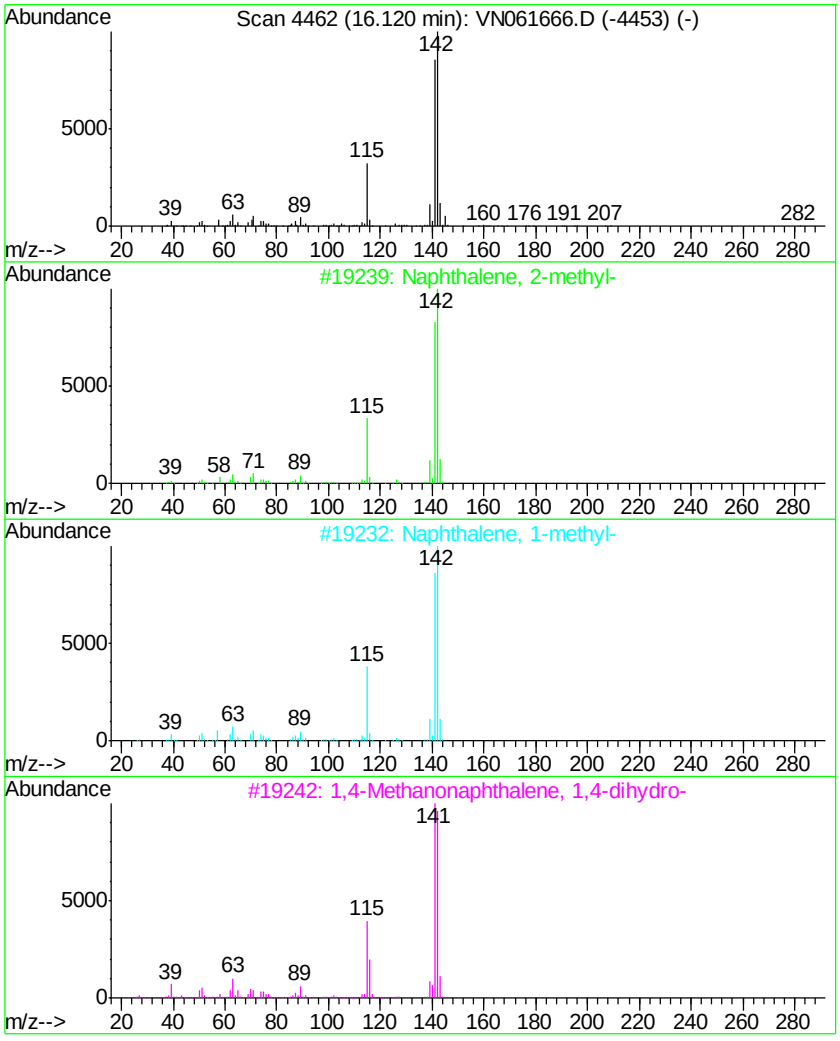
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

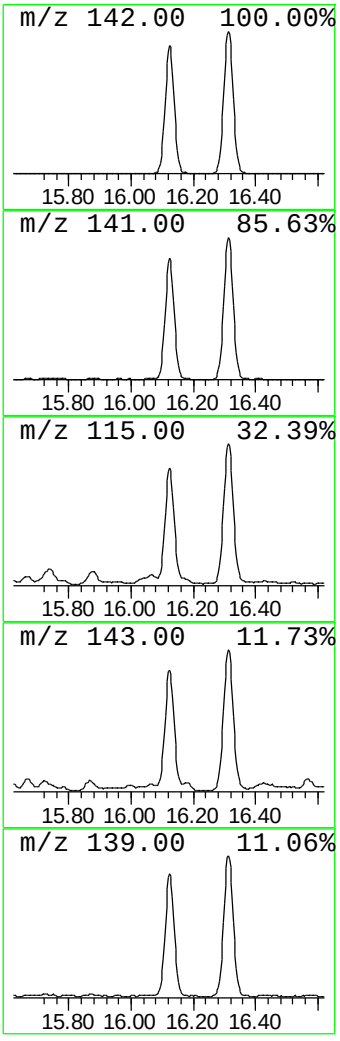
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	53.15 ug/l	1917660	1,4-Dichlorobenzene-d4	13.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060520\
Data File : VN061666.D
Acq On : 5 Jun 2020 13:57
Operator : JC/MD
Sample : L2904-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VE-3-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.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
o-Cymene	13.86	11.6	ug/l	419868	4	13.32	1803920	50.0
1-Phenyl-1-butene	13.97	13.4	ug/l	481483	4	13.32	1803920	50.0
Benzene, 1-methyl...	14.62	10.3	ug/l	372672	4	13.32	1803920	50.0
unknown14.82	14.82	14.1	ug/l	508209	4	13.32	1803920	50.0
Benzene, 1-methyl...	14.93	19.1	ug/l	689183	4	13.32	1803920	50.0
1H-Indene, 2,3-di...	15.39	18.4	ug/l	665759	4	13.32	1803920	50.0
Naphthalene, 1-me...	16.12	53.1	ug/l	1917660	4	13.32	1803920	50.0