LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

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_X\METHOD\82X121319W.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	1.070	26	30	42	rBV	2991565	3446915	100.00%	13.371%
2	1.265	58	62	67	rBV	38126	53437	1.55%	0.207%
3	1.594	108	116	119	rVB9	27178	54453	1.58%	0.211%
4	2.588	273	279	286	rBV	89097	165070	4.79%	0.640%
5	5.490	744	755	765	rBV	297638	838207	24.32%	3.252%
6	5.655	770	782	794	rVB	525969	1468445	42.60%	5.696%
7	6.051	836	847	861	rBV	337912	886993	25.73%	3.441%
8	6.849	969	978	989	rBV	824974	1890545	54.85%	7.334%
9	8.709	1277	1283	1292	rVB	1709335	2594637	75.27%	10.065%
10	10.105	1507	1512	1519	rBV	1594084	2200411	63.84%	8.536%
11	11.135	1675	1681	1687	rBV	1266856	1637771	47.51%	6.353%
12	12.074	1830	1835	1841	rBV	1641821	1972501	57.23%	7.652%
13	12.361	1878	1882	1889	rVB3	35480	53380	1.55%	0.207%
14	12.751	1942	1946	1954	rBV4	22893	51140	1.48%	0.198%
15	12.867	1961	1965	1967	rBV2	26046	35130	1.02%	0.136%
16	12.970	1972	1982	1988	rBV	274610	385774	11.19%	1.496%
17	13.025	1988	1991	1996	rVB2	27571	42712	1.24%	0.166%
18	13.074	1996	1999	2006	rVB2	43875	65224	1.89%	0.253%
19	13.147	2007	2011	2014	rBV	56944	62747	1.82%	0.243%
20	13.190	2014	2018	2021	rBV2	35933	42662	1.24%	0.165%
21	13.300	2032	2036	2039	rBV3	40921	66148	1.92%	0.257%
22	13.342	2039	2043	2049	rVV2	256040	383262	11.12%	1.487%
23	13.421	2052	2056	2059	rVV	94891	117115	3.40%	0.454%
24	13.470	2062	2064	2071	rVB2	35250	66238	1.92%	0.257%
25	13.556	2073	2078	2081	rBV2	52494	83985	2.44%	0.326%
26	13.592	2081	2084	2087	rVV	64186	78671	2.28%	0.305%
27	13.635	2087	2091	2095	rVV2	249063	364695	10.58%	1.415%
28	13.696	2095	2101	2102	rVV2	102240	178051	5.17%	0.691%
29	13.720	2102	2105	2111	rVB3	218479	368204	10.68%	1.428%
30	13.806	2113	2119	2122	rBV	124891	155331	4.51%	0.603%
31	13.848	2122	2126	2131	rVB2	53657	69658	2.02%	0.270%
32	13.909	2131	2136	2140	rVB	236023	306590	8.89%	1.189%
33	13.982	2140	2148	2152	rBV3	220504	356781	10.35%	1.384%
34	14.025	2152	2155	2159	rBV3	65352	93859	2.72%	0.364%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

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_X\METHOD\82X121319W.M
Title : SW846 8260

35	14.129	2166	2172	2175	rBV2	137047	187693	5.45%	0.728%
36	14.214	2180	2186	2189	rVB4	33152	56186	1.63%	0.218%
37	14.269	2189	2195	2204	rBV	247349	399004	11.58%	1.548%
38	14.373	2209	2212	2217	rVB	191403	227118	6.59%	0.881%
39	14.427	2217	2221	2225	rVB	198518	234181	6.79%	0.908%
40	14.470	2225	2228	2234	rVB	100632	128137	3.72%	0.497%
41	14.531	2234	2238	2244	rBV2	396943	592026	17.18%	2.297%
42	14.671	2256	2261	2266	rBV	230363	348237	10.10%	1.351%
43	14.726	2266	2270	2274	rVB	169363	210731	6.11%	0.817%
44	14.781	2274	2279	2284	rBV3	61959	87953	2.55%	0.341%
45	14.842	2285	2289	2291	rBV2	54227	71195	2.07%	0.276%
46	14.872	2291	2294	2297	rVV2	87916	128070	3.72%	0.497%
47	14.903	2297	2299	2303	rVB2	87648	94046	2.73%	0.365%
48	14.976	2307	2311	2315	rBV2	40759	55534	1.61%	0.215%
49	15.104	2328	2332	2336	rVB3	29566	42720	1.24%	0.166%
50	15.244	2350	2355	2363	rVV	156080	261127	7.58%	1.013%
51	15.317	2363	2367	2373	rVB6	28554	48630	1.41%	0.189%
52	15.439	2383	2387	2389	rBV5	25659	36300	1.05%	0.141%
53	15.470	2389	2392	2396	rVB	71313	93442	2.71%	0.362%
54	15.543	2401	2404	2408	rVV	64397	98335	2.85%	0.381%
55	15.592	2408	2412	2417	rVV6	25908	57809	1.68%	0.224%
56	15.683	2421	2427	2431	rVV	521821	820548	23.81%	3.183%
57	15.720	2431	2433	2439	rVB	110768	135313	3.93%	0.525%
58	15.805	2441	2447	2453	rBV4	23738	53603	1.56%	0.208%
59	15.909	2453	2464	2475	rVB2	124696	359292	10.42%	1.394%
60	16.061	2484	2489	2494	rBV2	53251	90248	2.62%	0.350%
61	16.433	2544	2550	2558	rVB	30799	64707	1.88%	0.251%
62	16.683	2586	2591	2596	rVB3	38634	74471	2.16%	0.289%
63	16.744	2596	2601	2608	rVB2	41877	85250	2.47%	0.331%

Sum of corrected areas: 25778648

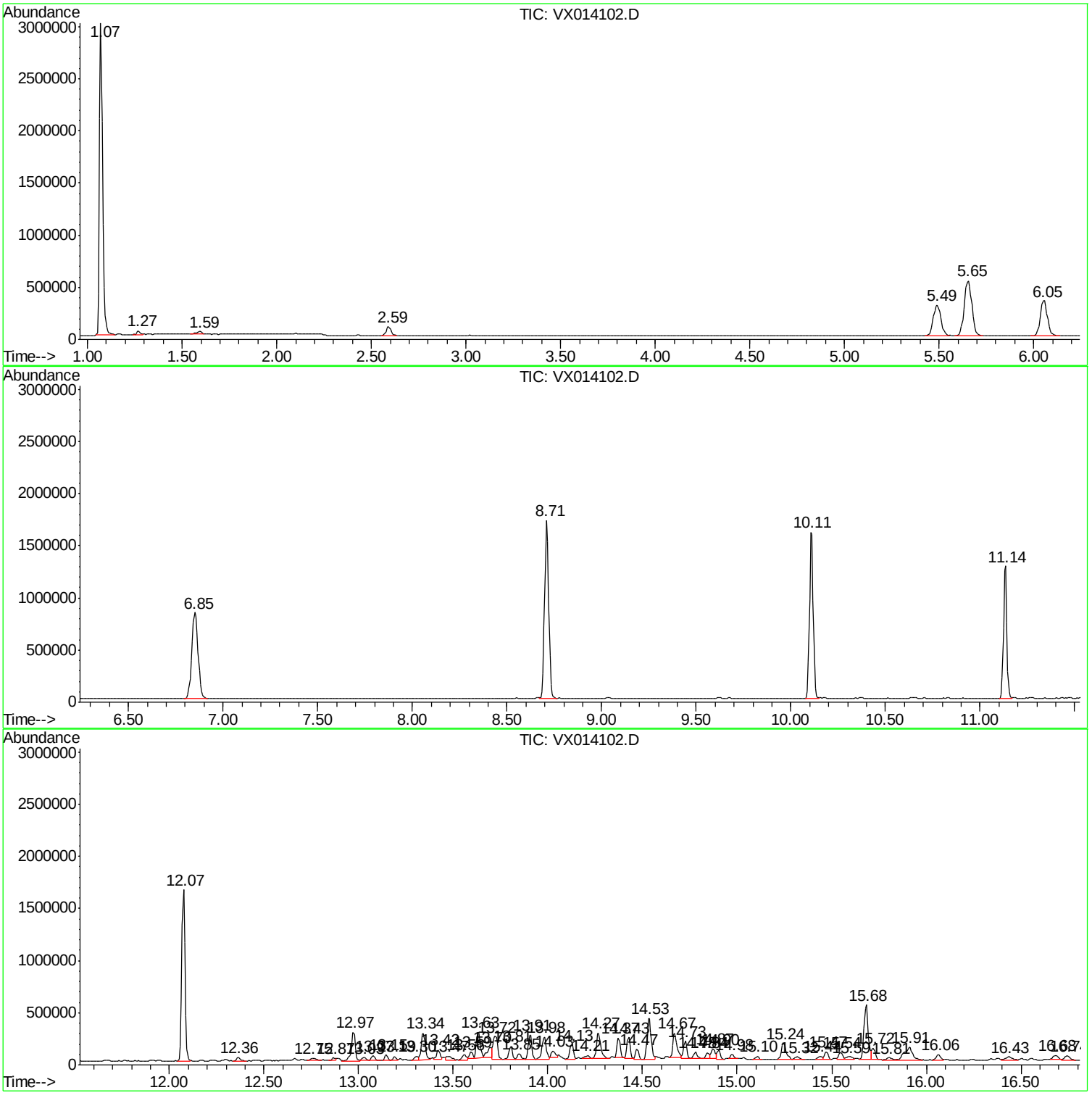
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

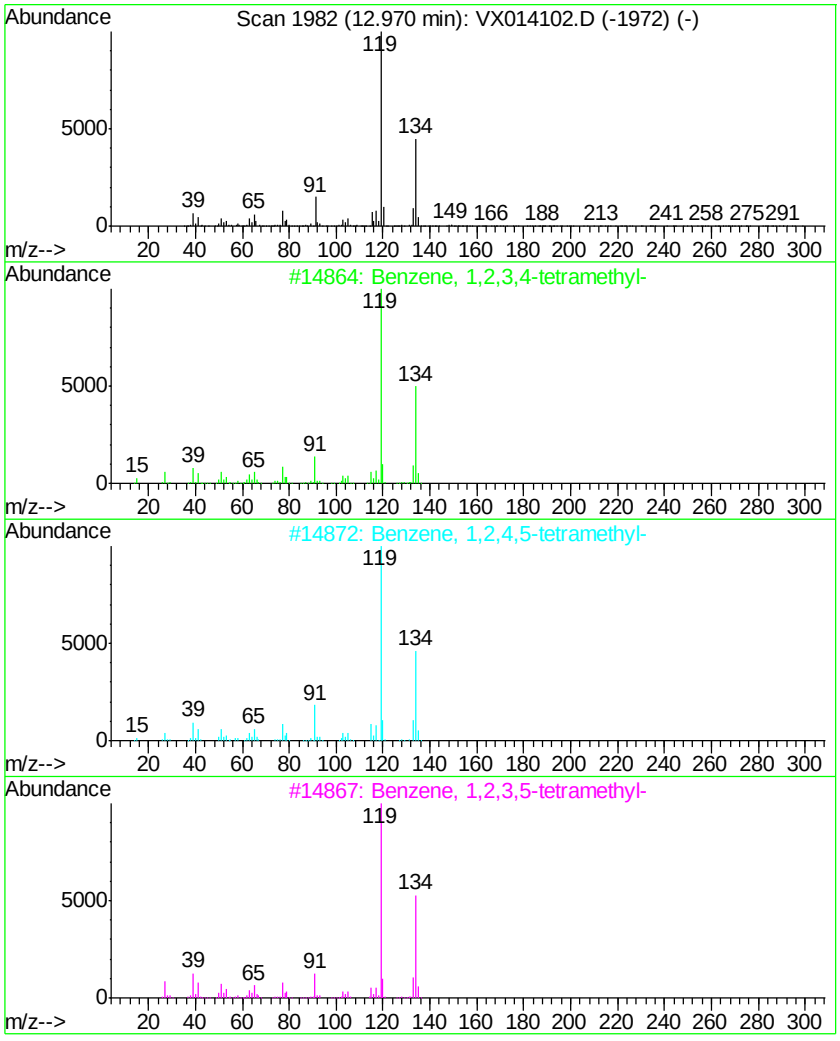
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

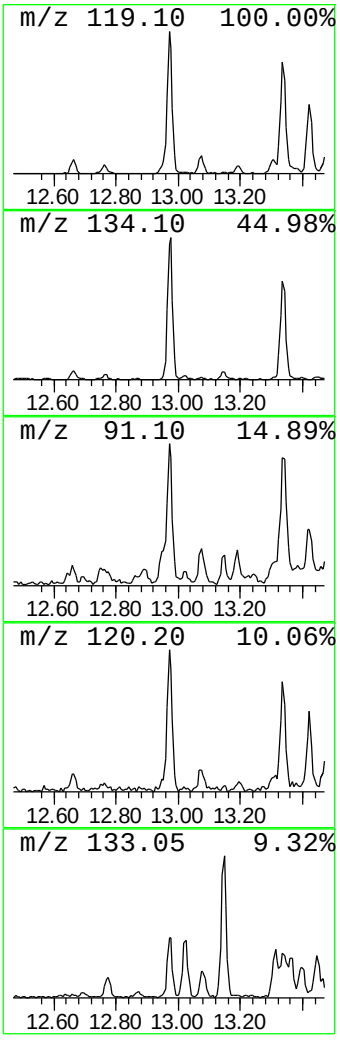
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	9.78 ug/l	385774	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

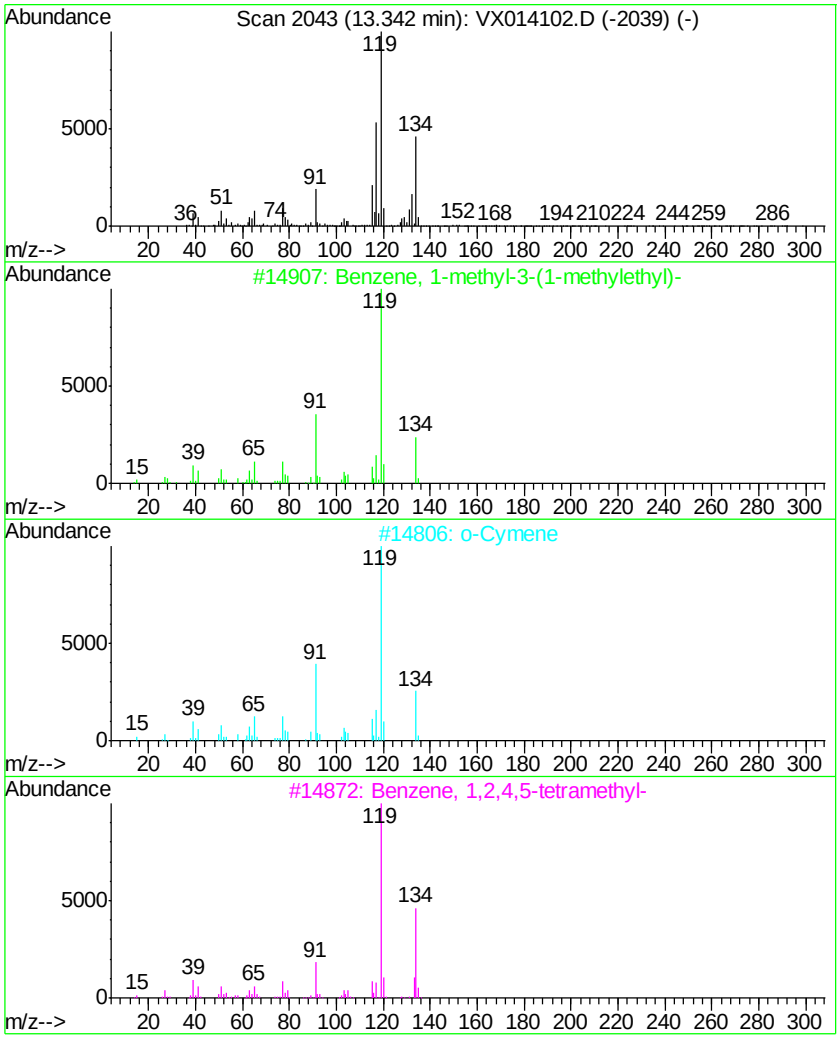
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

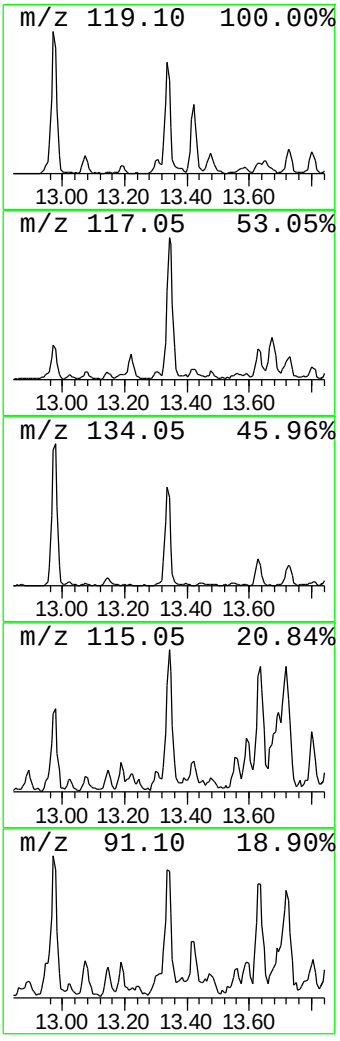
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	9.72 ug/l	383262	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	p-Cymene	134	C10H14	000099-87-6	58
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

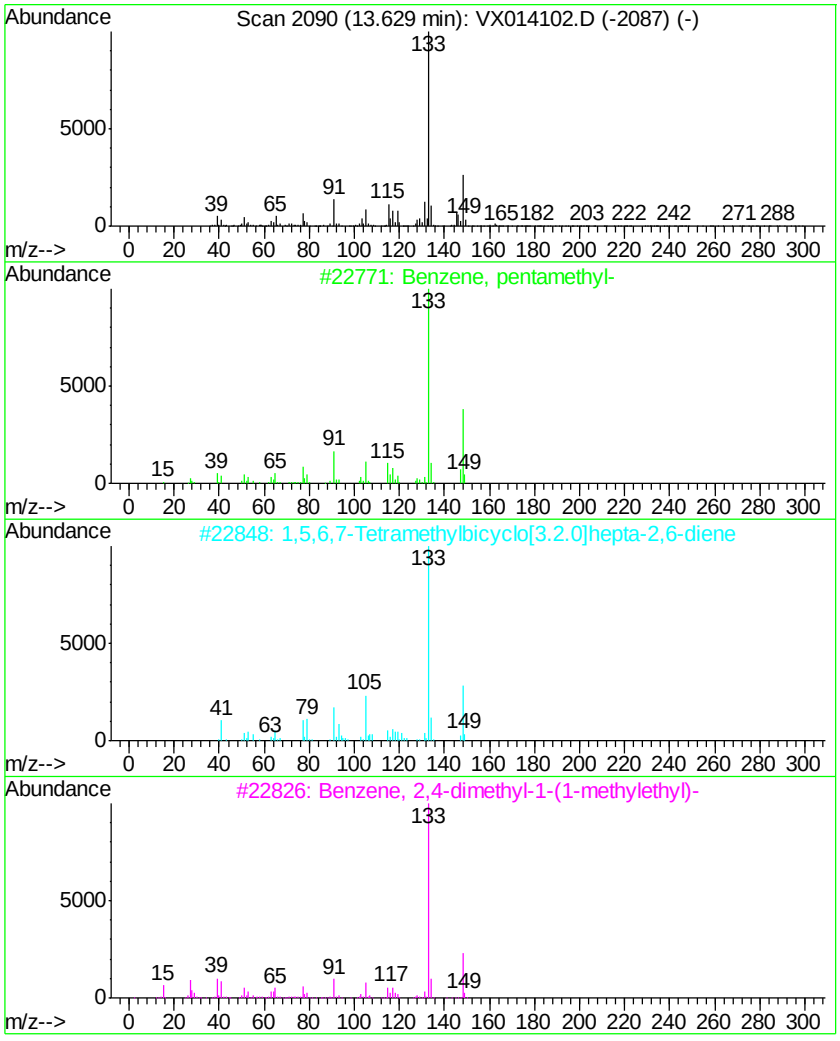
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

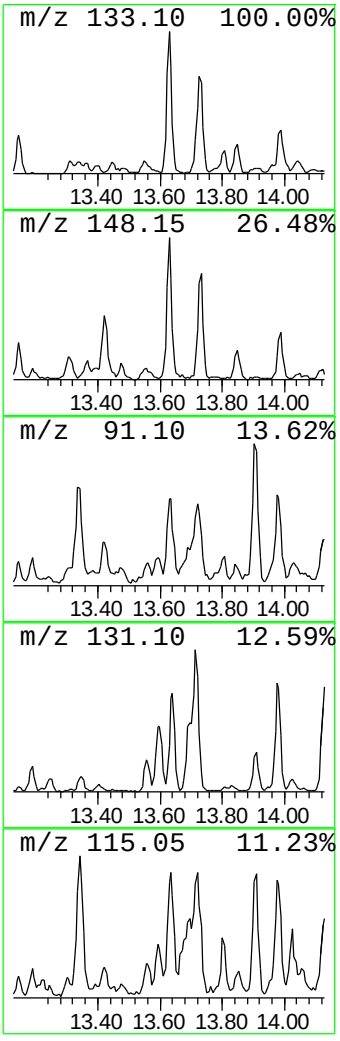
****

Peak Number 4 Benzene, pentamethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	9.24 ug/l	364695	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	53
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

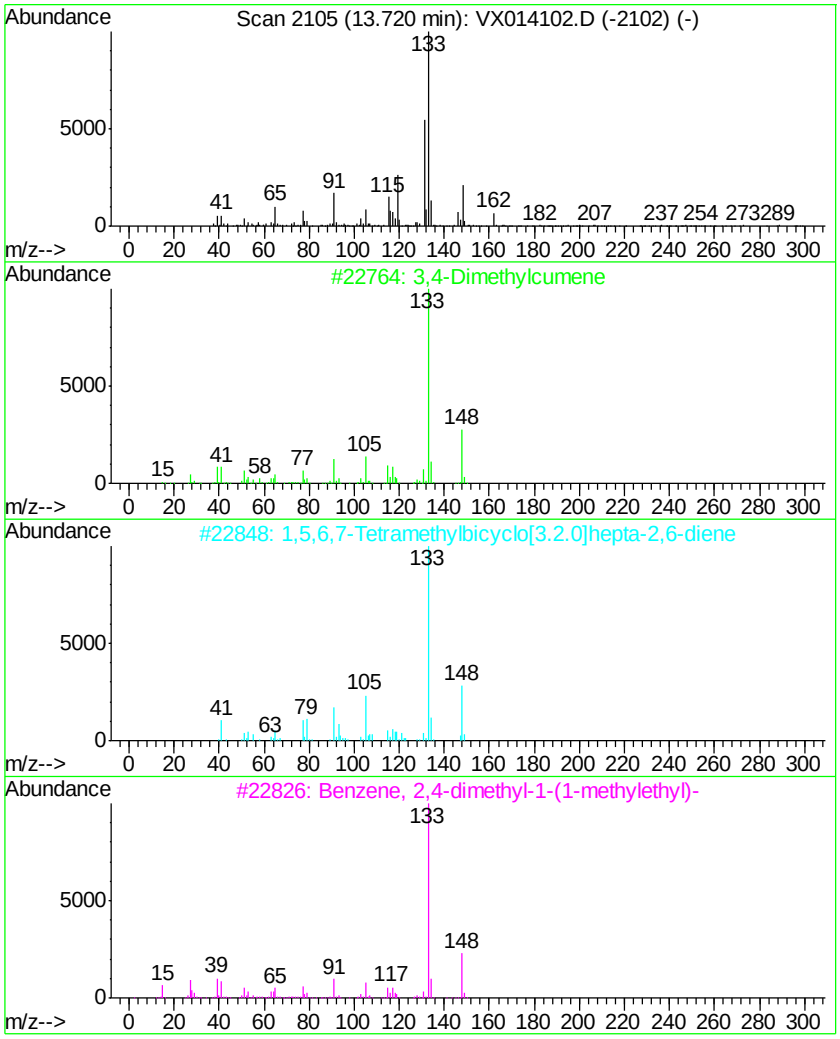
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

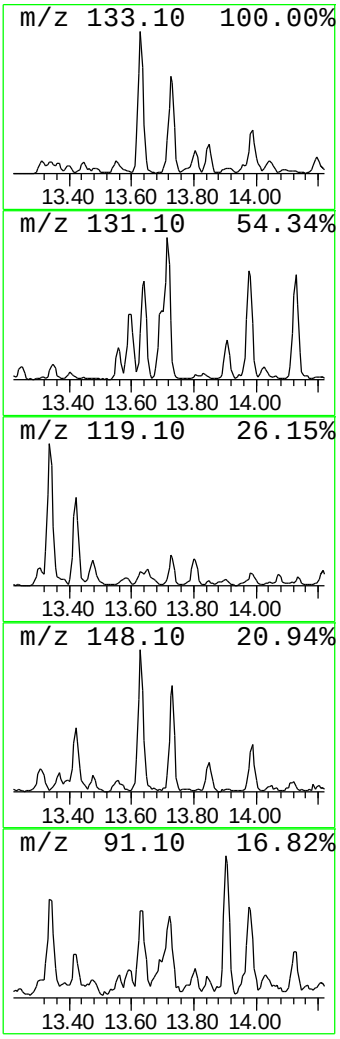
****

Peak Number 5 3,4-Dimethylcumene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	9.33 ug/l	368204	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	58
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	53
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	53
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

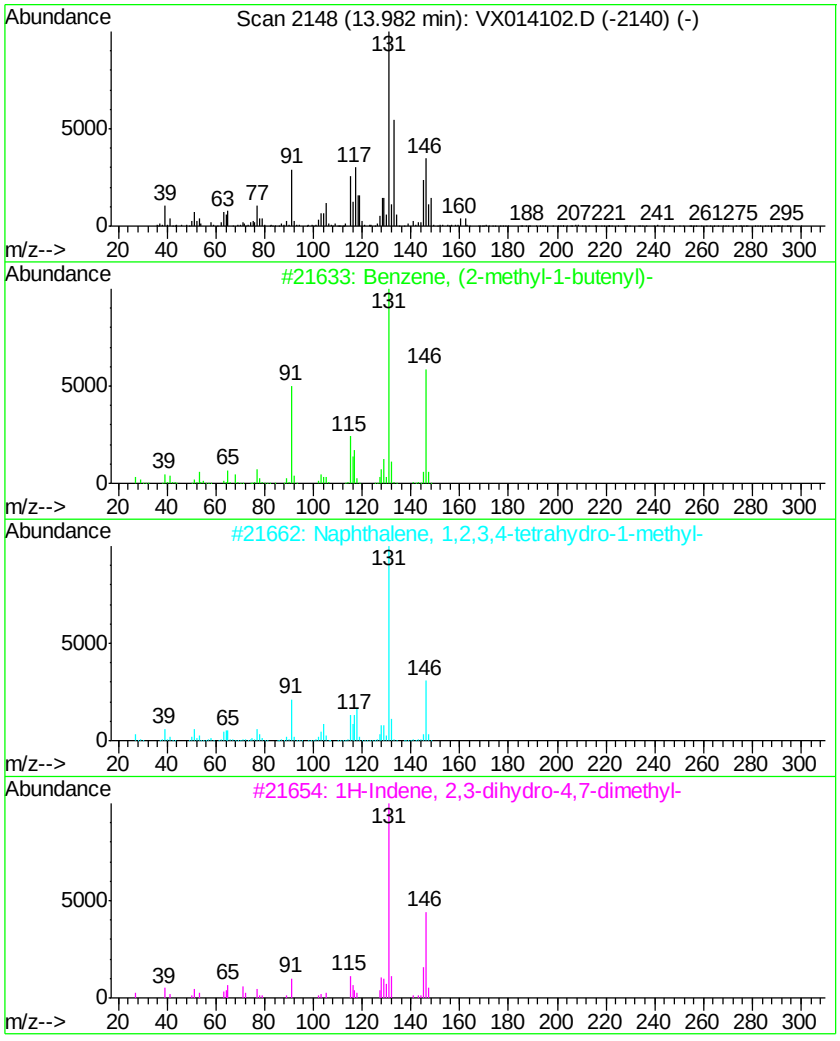
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

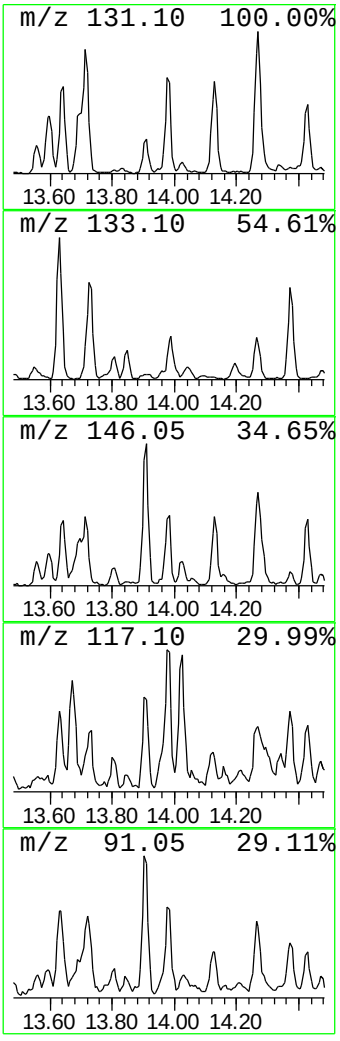
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	9.04 ug/l	356781	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	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	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

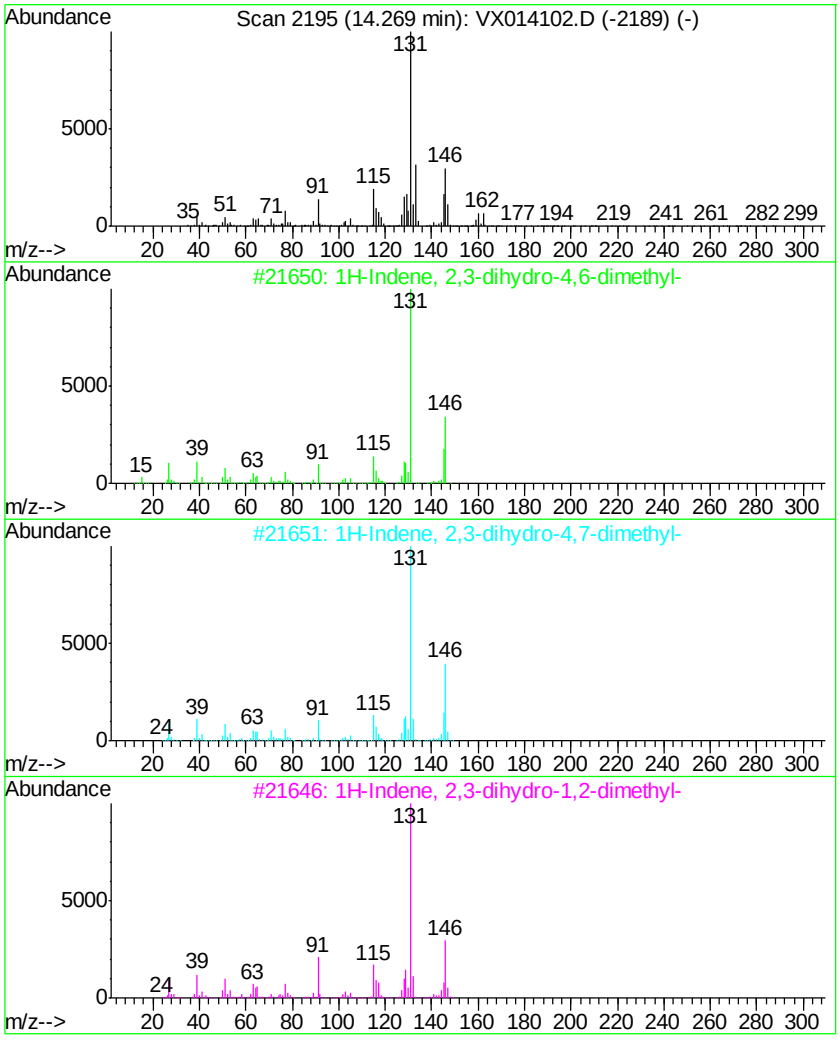
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

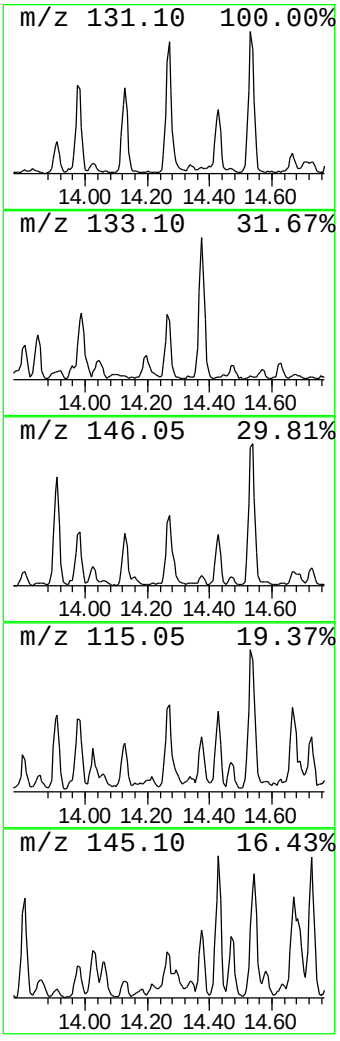
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	10.11 ug/l	399004	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

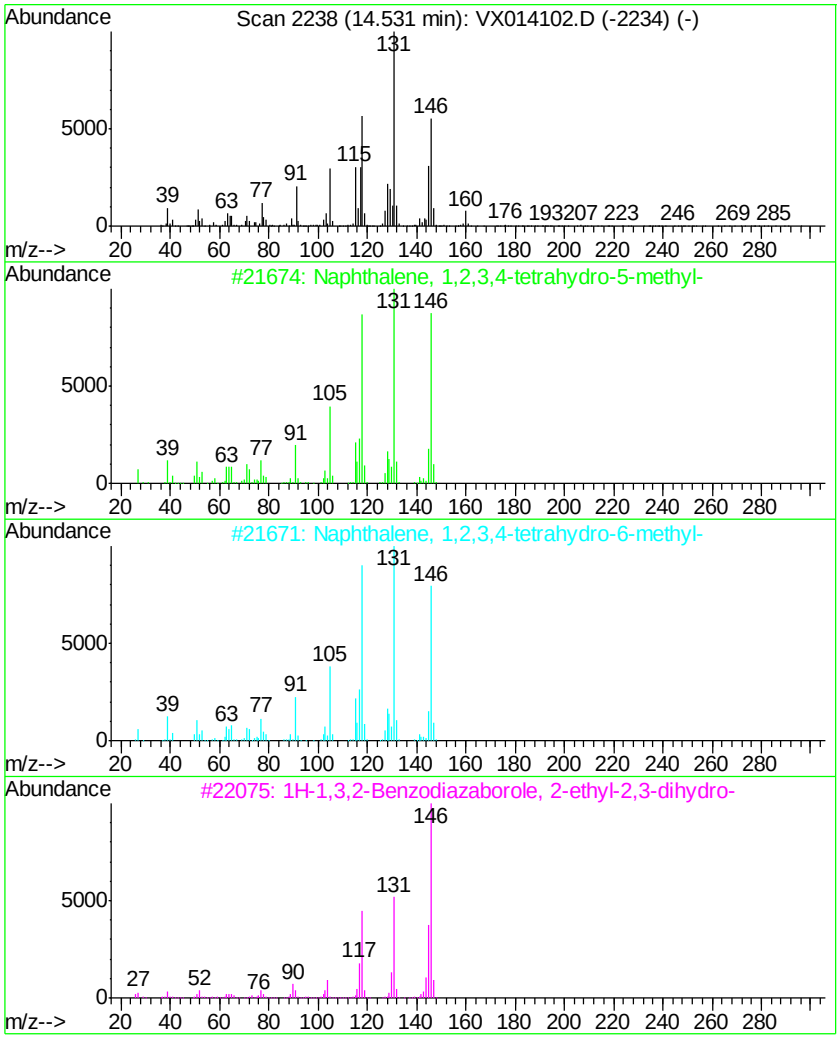
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

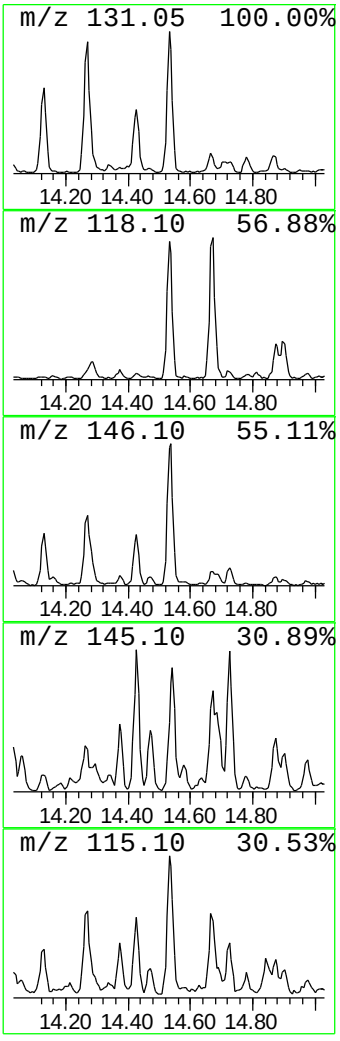
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	15.01 ug/l	592026	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260

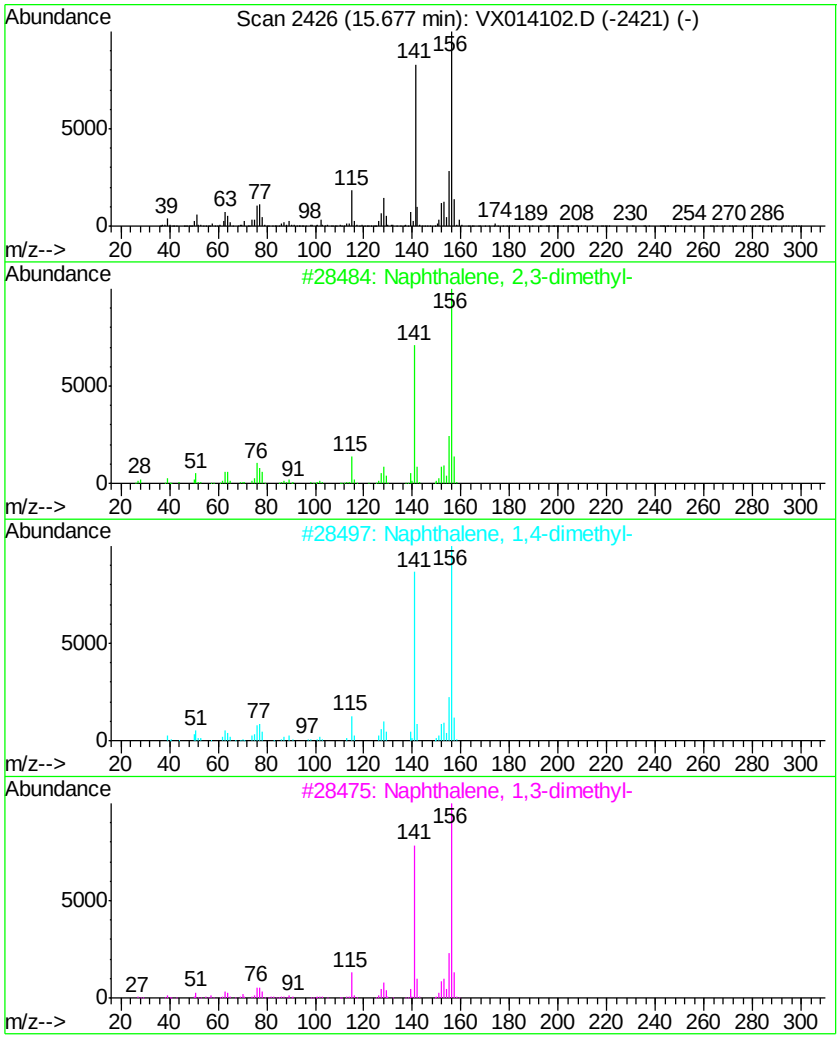
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

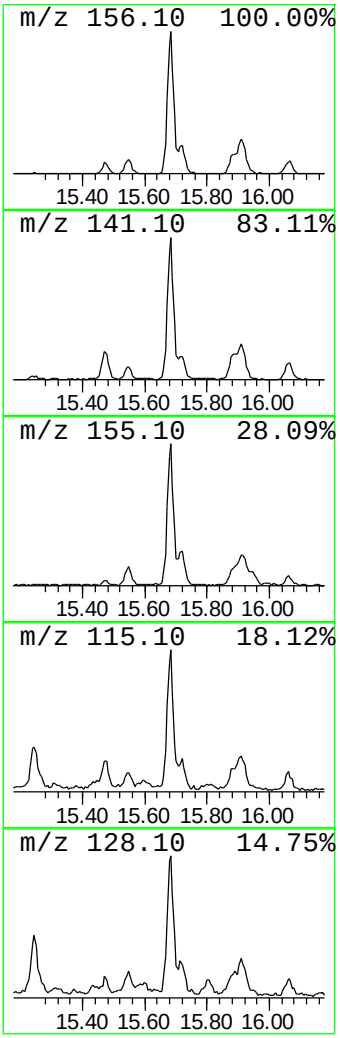
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	20.80 ug/l	820548	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121819\
Data File : VX014102.D
Acq On : 18 Dec 2019 17:21
Operator : JC/SP
Sample : K6300-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SSI-MW-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.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
Benzene, 1,2,3,4-...	12.97	9.8	ug/l	385774	4	12.07	1972500	50.0
Benzene, 1-methyl...	13.34	9.7	ug/l	383262	4	12.07	1972500	50.0
Benzene, pentamet...	13.63	9.2	ug/l	364695	4	12.07	1972500	50.0
3,4-Dimethylcumene	13.72	9.3	ug/l	368204	4	12.07	1972500	50.0
Benzene, (2-methy...	13.98	9.0	ug/l	356781	4	12.07	1972500	50.0
1H-Indene, 2,3-di...	14.27	10.1	ug/l	399004	4	12.07	1972500	50.0
Naphthalene, 1,2,...	14.53	15.0	ug/l	592026	4	12.07	1972500	50.0
Naphthalene, 2,3-...	15.68	20.8	ug/l	820548	4	12.07	1972500	50.0