LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072774.D
Acq On : 10 Jun 2022 19:01
Operator : JC\MD
Sample : N3293-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40810

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\82N060822W.M
Title : SW846 8260

Signal : TIC: VN072774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.281	379	390	407	rBV	270841	796031	13.82%	1.496%
2	4.581	431	441	453	rBV2	26378	84121	1.46%	0.158%
3	7.334	897	909	924	rBV	53963	148175	2.57%	0.278%
4	8.016	1014	1025	1031	rBV	246038	599755	10.42%	1.127%
5	8.081	1031	1036	1053	rVB	253222	572155	9.94%	1.075%
6	8.445	1086	1098	1112	rBV3	406487	1220850	21.20%	2.294%
7	8.963	1178	1186	1196	rBV	387427	806344	14.00%	1.515%
8	10.439	1428	1437	1442	rBV	872055	1607000	27.91%	3.020%
9	10.504	1442	1448	1471	rVB	3199300	5758362	100.00%	10.820%
10	11.739	1650	1658	1668	rBV	558036	1004488	17.44%	1.887%
11	11.839	1668	1675	1684	rVV	652018	1102543	19.15%	2.072%
12	11.945	1685	1693	1714	rVB	2462937	4656752	80.87%	8.750%
13	12.275	1741	1749	1759	rBV	2376927	4071575	70.71%	7.650%
14	12.727	1819	1826	1839	rVB	730919	1224263	21.26%	2.300%
15	12.916	1850	1858	1863	rBV	94191	155272	2.70%	0.292%
16	12.980	1863	1869	1872	rVV	749748	1229155	21.35%	2.310%
17	13.010	1872	1874	1878	rVV	309850	459106	7.97%	0.863%
18	13.057	1878	1882	1889	rVB	430594	668914	11.62%	1.257%
19	13.216	1903	1909	1917	rBV	531911	884588	15.36%	1.662%
20	13.363	1926	1934	1941	rBV	2232971	3563506	61.88%	6.696%
21	13.674	1979	1987	1988	rBV	577445	874374	15.18%	1.643%
22	13.704	1988	1992	2000	rVB	1326982	2181779	37.89%	4.100%
23	13.874	2009	2021	2037	rVB2	1096824	2281818	39.63%	4.288%
24	14.063	2046	2053	2058	rVV2	99265	191840	3.33%	0.360%
25	14.127	2058	2064	2067	rVV	191635	343271	5.96%	0.645%
26	14.157	2067	2069	2074	rVV	177862	226591	3.93%	0.426%
27	14.216	2074	2079	2085	rVV	313510	484530	8.41%	0.910%
28	14.274	2085	2089	2092	rVV2	71580	115341	2.00%	0.217%
29	14.321	2092	2097	2108	rVB2	285105	488032	8.48%	0.917%
30	14.457	2113	2120	2126	rVB	155332	243795	4.23%	0.458%
31	14.533	2126	2133	2136	rBV	313515	493963	8.58%	0.928%
32	14.574	2136	2140	2145	rVB	520689	796093	13.82%	1.496%
33	14.804	2174	2179	2185	rBV	486440	769422	13.36%	1.446%
34	14.927	2191	2200	2206	rBV3	1015216	2094490	36.37%	3.936%
35	14.992	2206	2211	2218	rVB4	43590	95177	1.65%	0.179%
36	15.080	2218	2226	2234	rBV	218039	390977	6.79%	0.735%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
40810

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\82N060822W.M
Title : SW846 8260

37	15.192	2234	2245	2257	rVV4	150984	533872	9.27%	1.003%
38	15.310	2257	2265	2274	rVB2	150768	365487	6.35%	0.687%
39	15.504	2280	2298	2311	rBV	2881631	5573916	96.80%	10.473%
40	15.610	2311	2316	2321	rVV2	77292	165114	2.87%	0.310%
41	15.663	2321	2325	2336	rVB	69587	150406	2.61%	0.283%
42	15.804	2342	2349	2355	rBV2	145904	280650	4.87%	0.527%
43	15.980	2368	2379	2394	rBV4	107629	383656	6.66%	0.721%
44	16.104	2394	2400	2407	rVV	71143	144167	2.50%	0.271%
45	16.192	2407	2415	2423	rVB2	93261	216999	3.77%	0.408%
46	16.345	2431	2441	2454	rBV5	44783	112588	1.96%	0.212%
47	16.615	2478	2487	2504	rVB	1153380	2608704	45.30%	4.902%

Sum of corrected areas: 53220007

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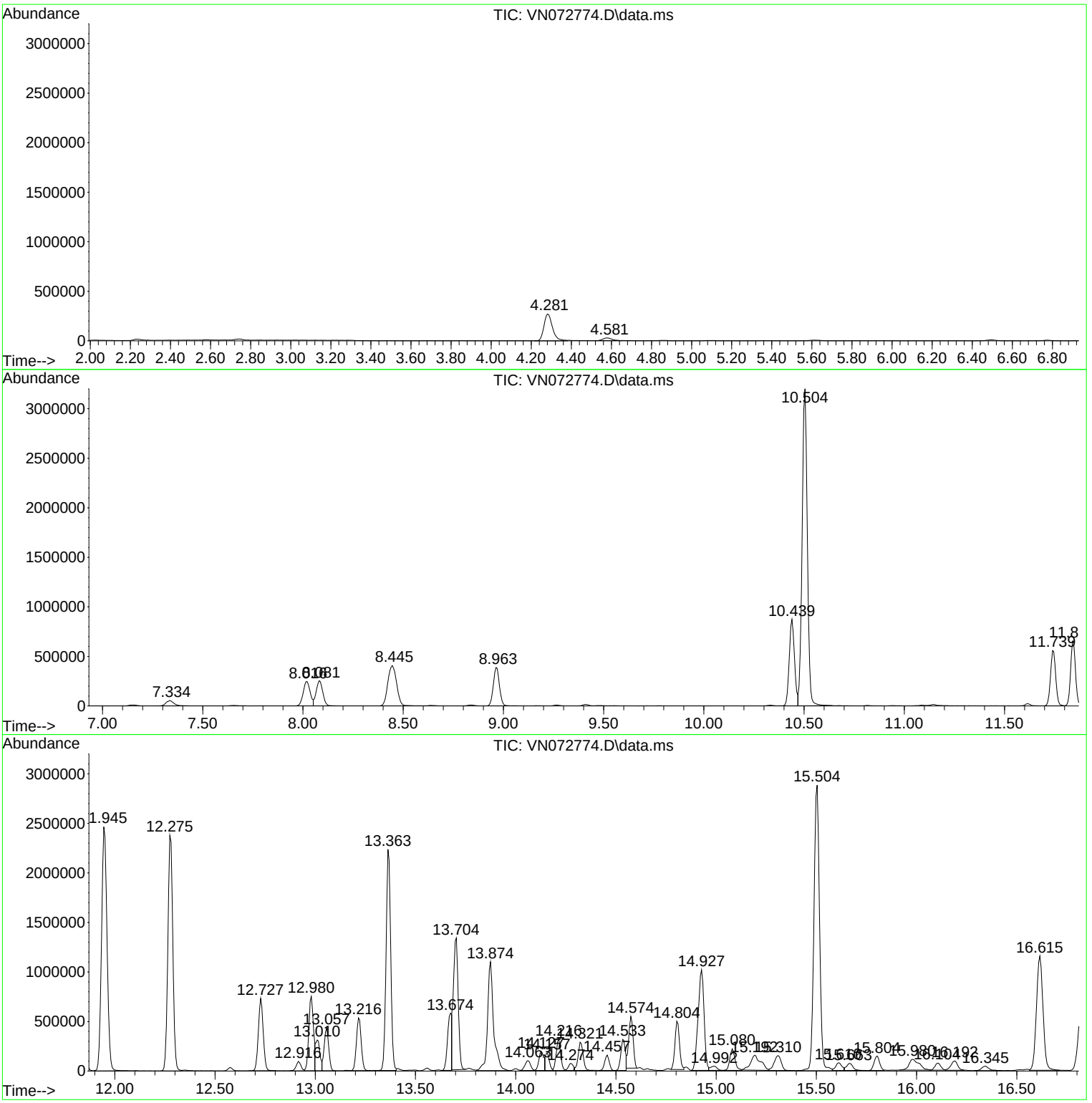
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : VN072774.D
Acq On : 10 Jun 2022 19:01
Operator : JC\MD
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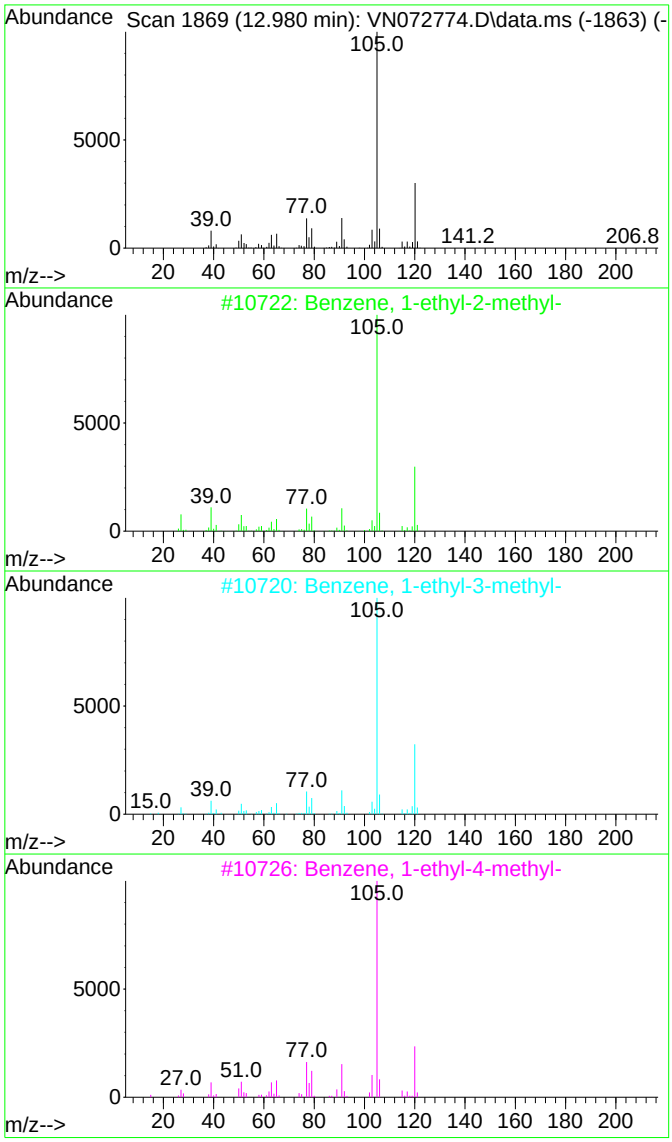
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

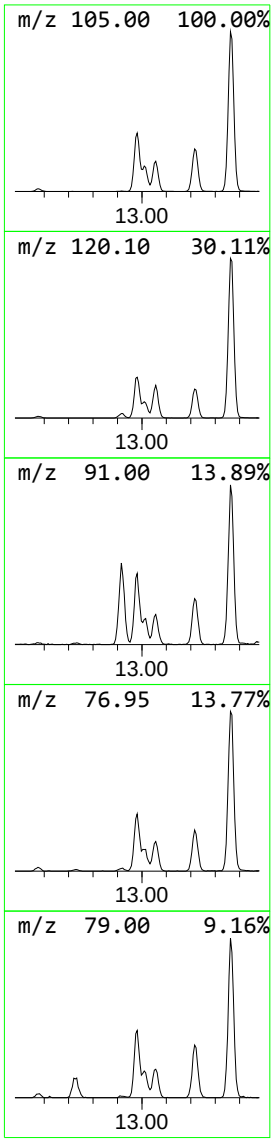
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	70.29 ug/l	1229160	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VN072774.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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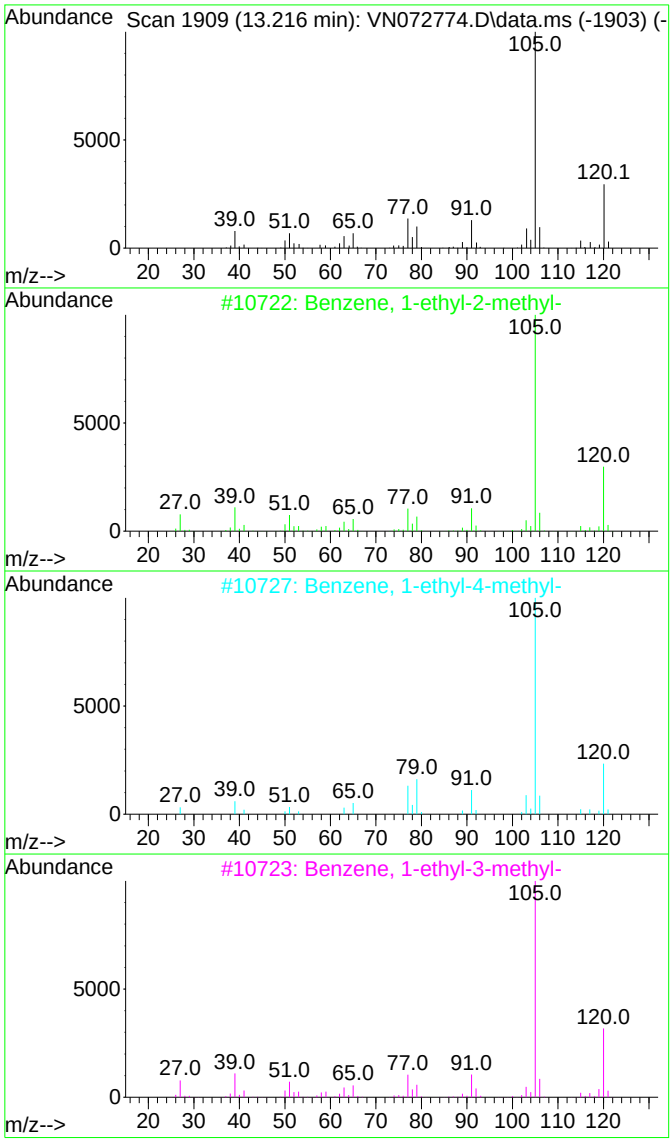
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

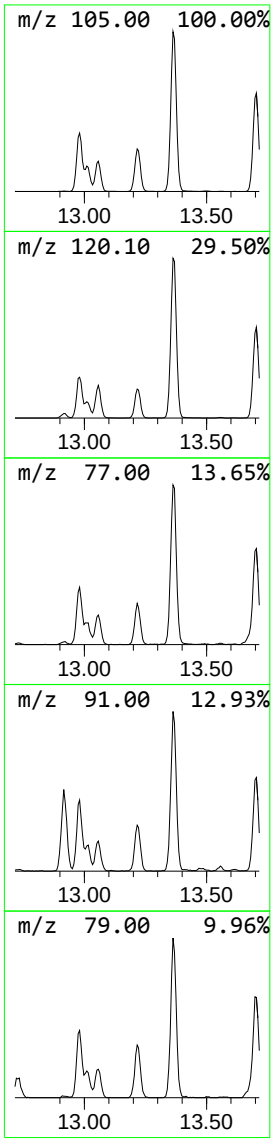
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	50.58 ug/l	884588	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Data File : VN072774.D
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Operator : JC\MD
Sample : N3293-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40810

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

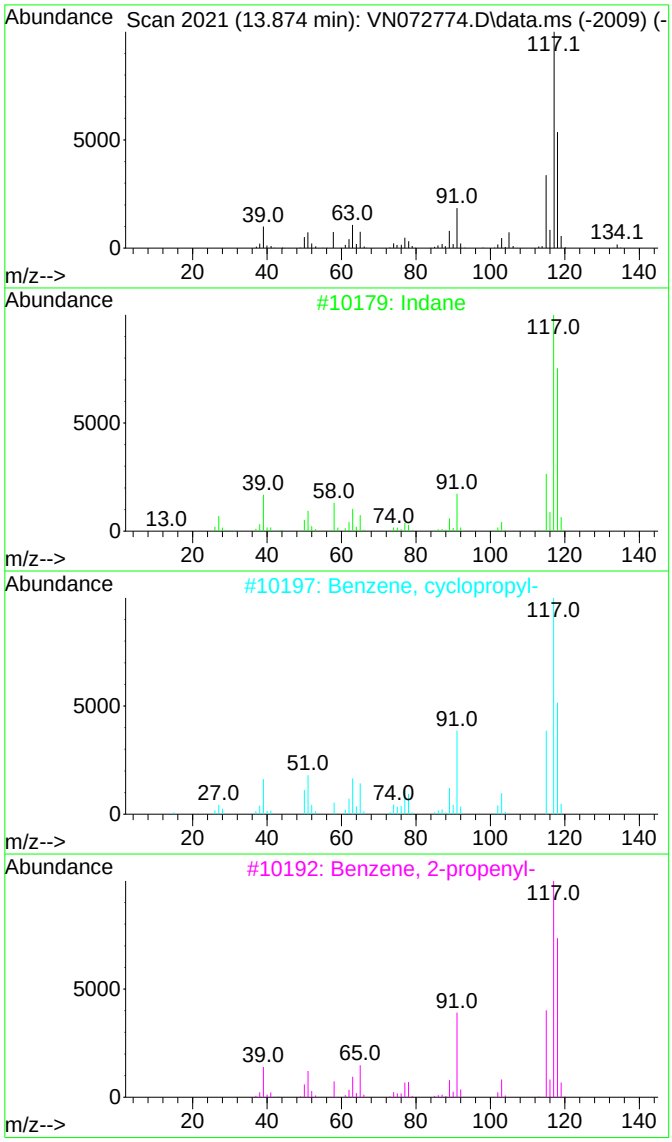
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

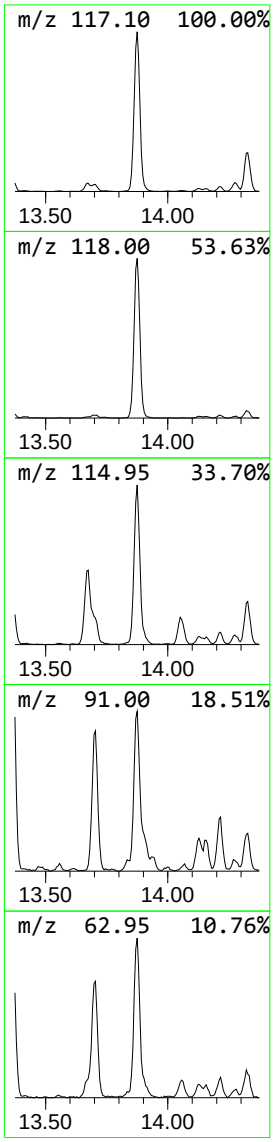
****

Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	130.48 ug/l	2281820	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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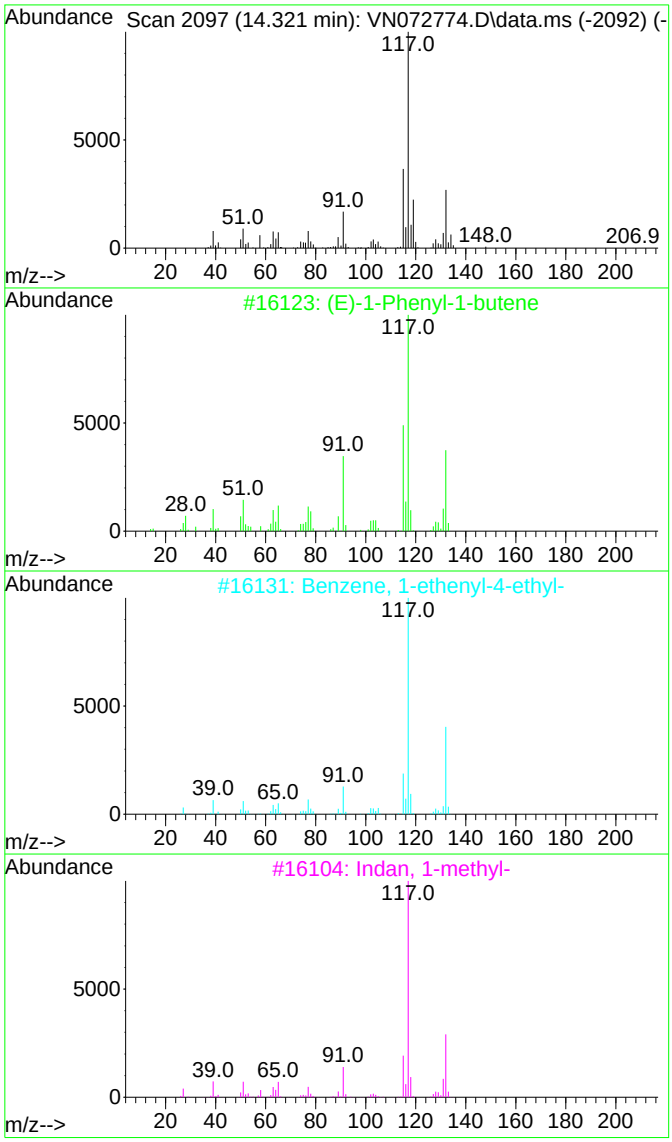
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

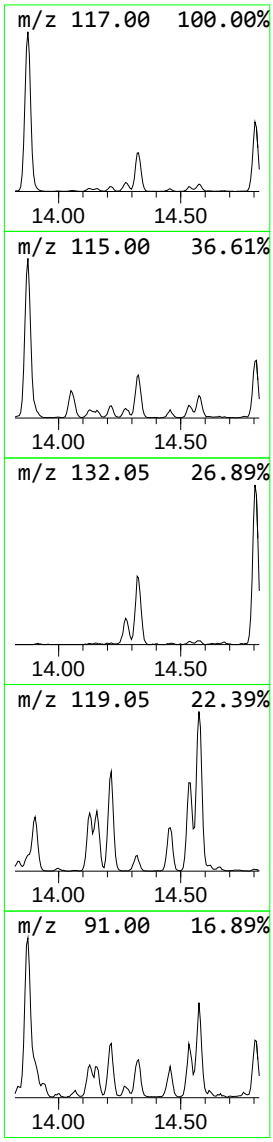
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	27.91 ug/l	488032	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	78
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	74





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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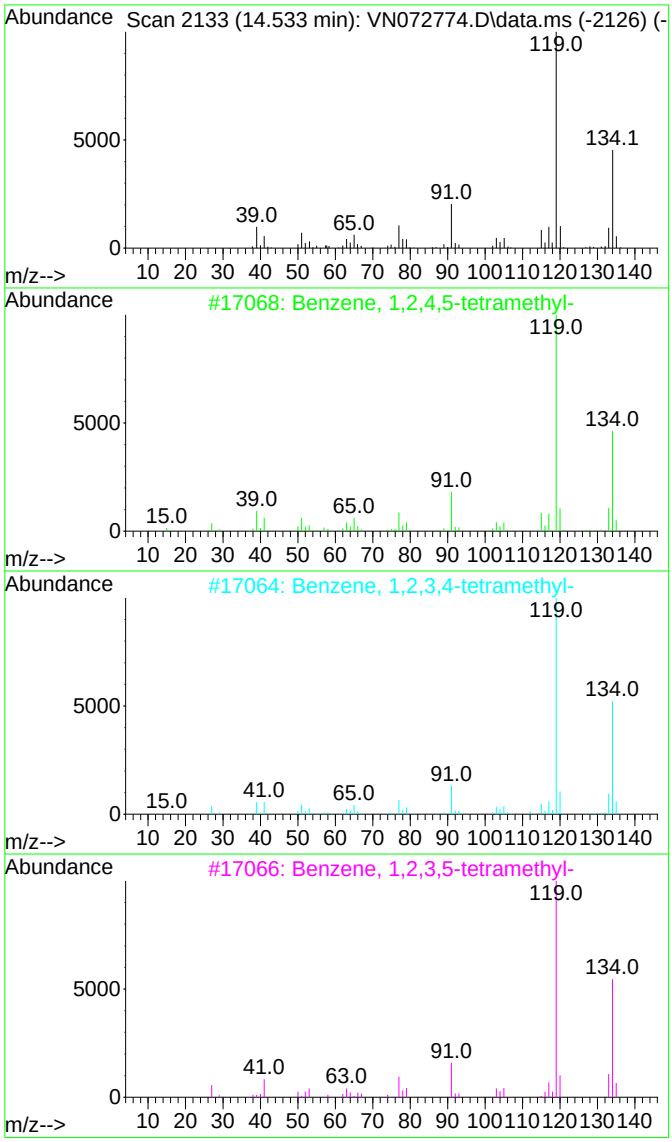
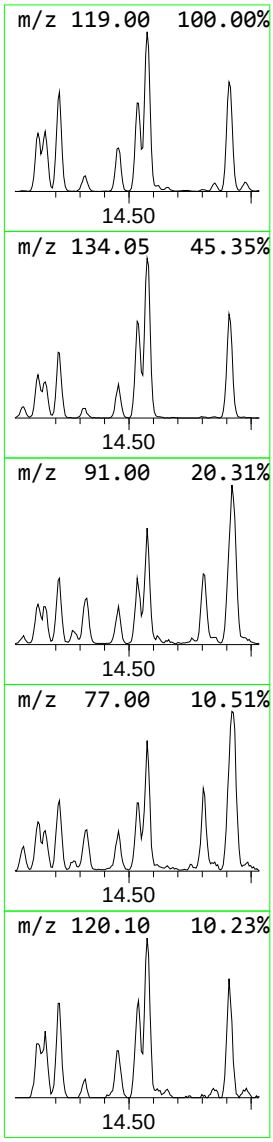
****
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	28.25 ug/l	493963	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
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, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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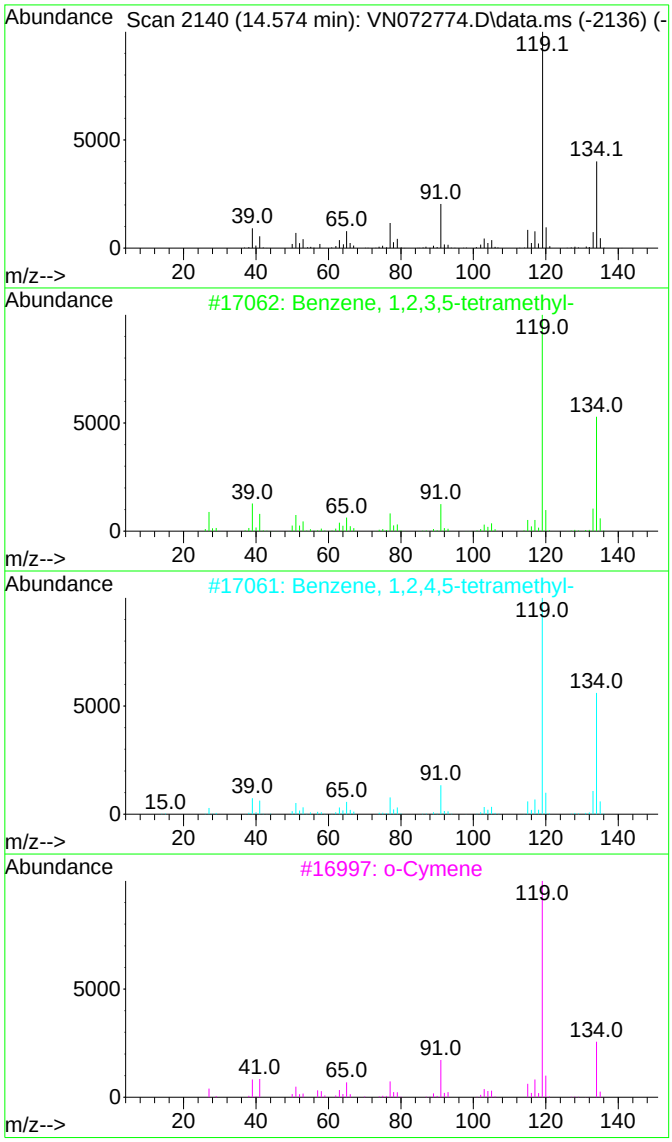
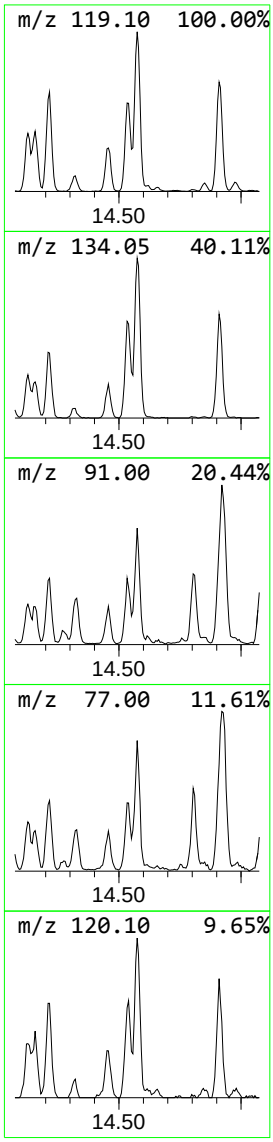
****
Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	45.52 ug/l	796093	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Instrument :
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ClientSampleId :
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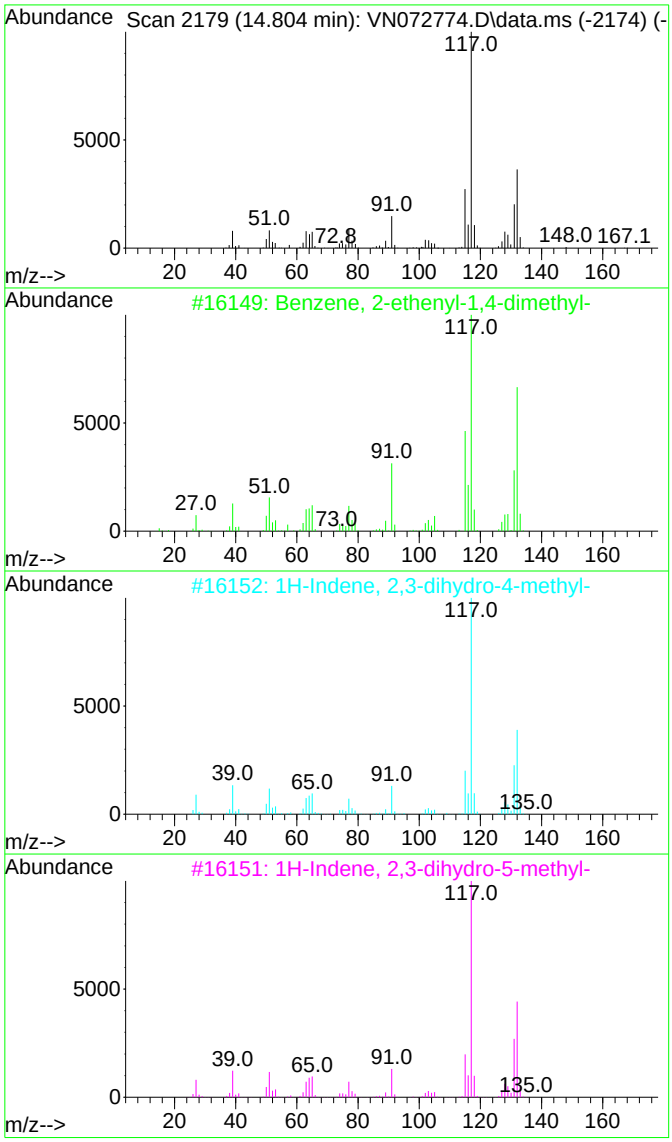
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

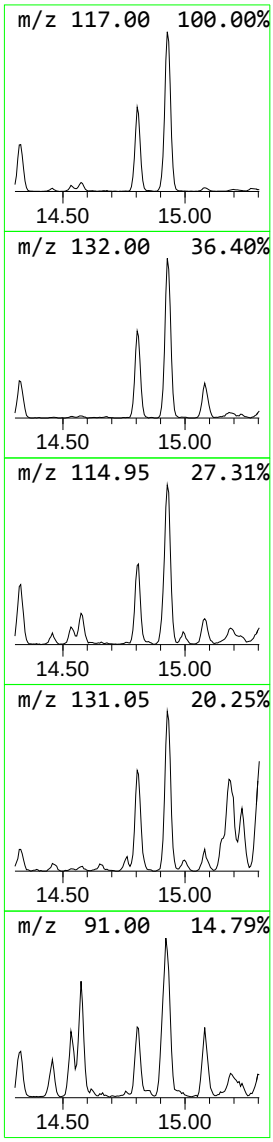
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	44.00 ug/l	769422	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072774.D
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Operator : JC\MD
Sample : N3293-17
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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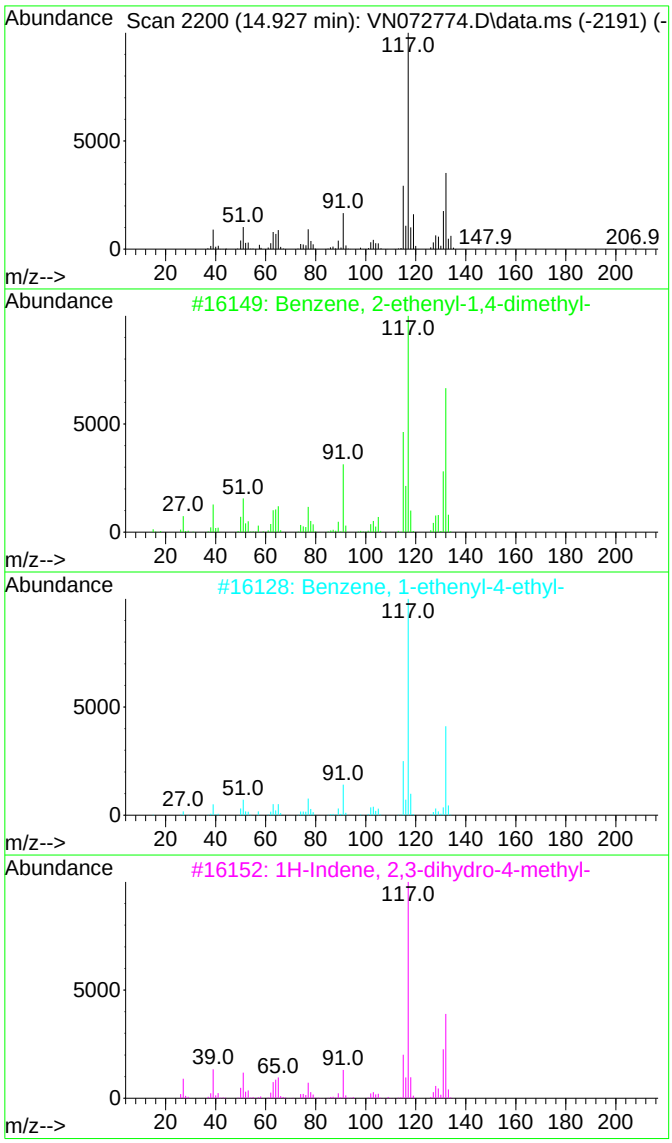
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

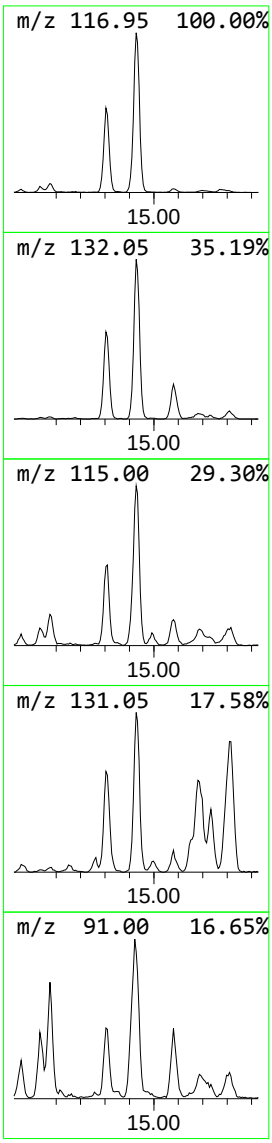
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	119.77 ug/l	2094490	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90





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Data File : VN072774.D
Acq On : 10 Jun 2022 19:01
Operator : JC\MD
Sample : N3293-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40810

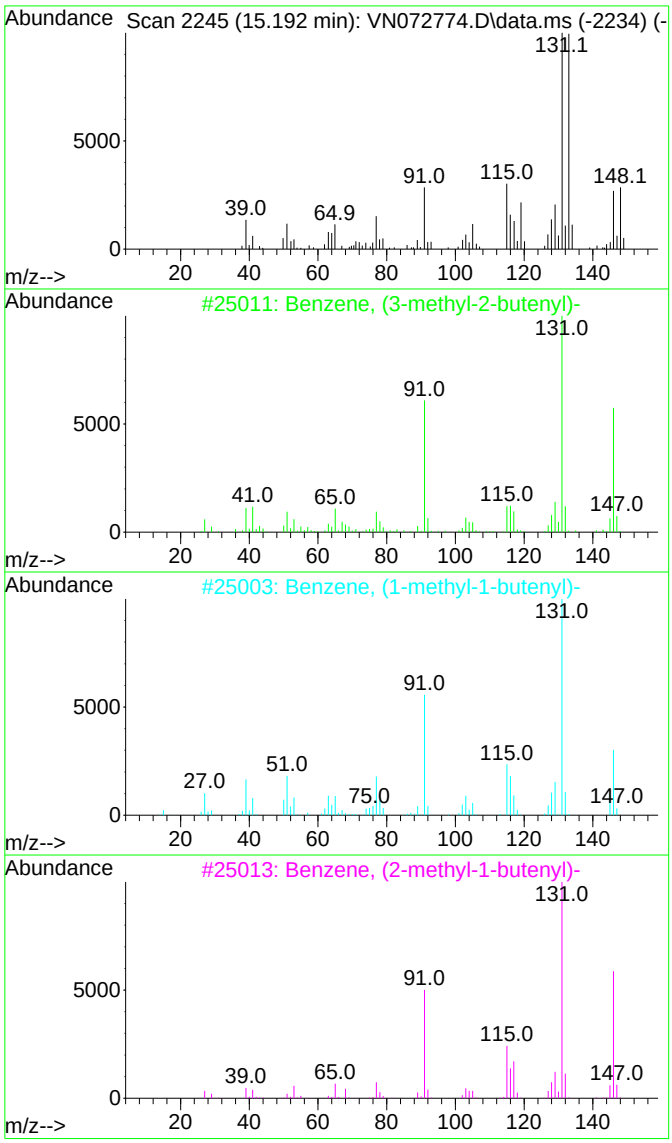
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

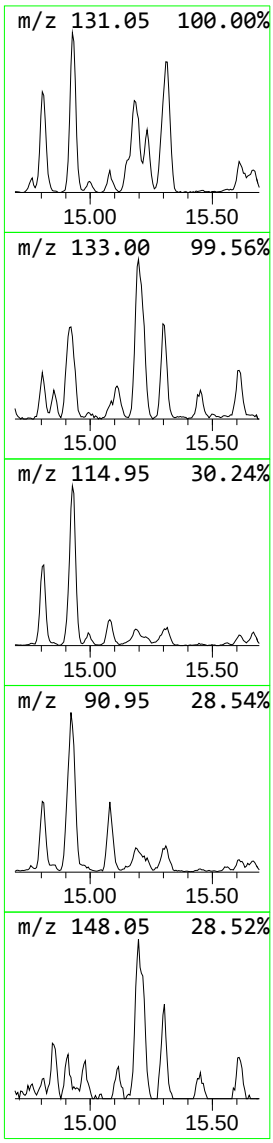
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	30.53 ug/l	533872	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	59
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072774.D
Acq On : 10 Jun 2022 19:01
Operator : JC\MD
Sample : N3293-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40810

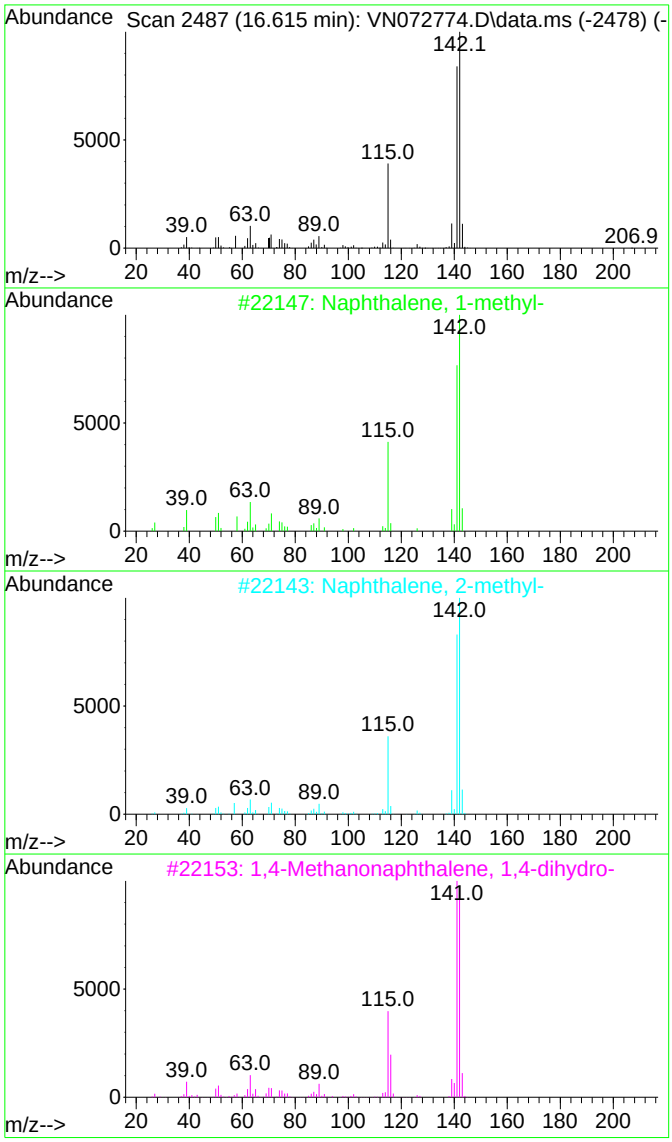
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

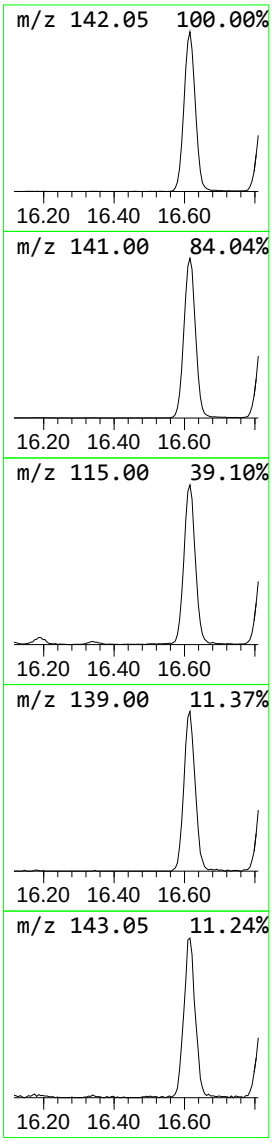
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.615	149.18 ug/l	2608700	1,4-Dichlorobenzene-d4	13.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072774.D
Acq On : 10 Jun 2022 19:01
Operator : JC\MD
Sample : N3293-17
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40810

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	12.980	70.3	ug/l	1229160	4	13.674	874374	50.0
Benzene, 1-ethy...	13.216	50.6	ug/l	884588	4	13.674	874374	50.0
Indane	13.874	130.5	ug/l	2281820	4	13.674	874374	50.0
(E)-1-Phenyl-1-...	14.322	27.9	ug/l	488032	4	13.674	874374	50.0
Benzene, 1,2,4,...	14.533	28.3	ug/l	493963	4	13.674	874374	50.0
Benzene, 1,2,3,...	14.574	45.5	ug/l	796093	4	13.674	874374	50.0
Benzene, 2-ethe...	14.804	44.0	ug/l	769422	4	13.674	874374	50.0
Benzene, 1-ethe...	14.927	119.8	ug/l	2094490	4	13.674	874374	50.0
Benzene, (3-met...	15.192	30.5	ug/l	533872	4	13.674	874374	50.0
Naphthalene, 1-...	16.615	149.2	ug/l	2608700	4	13.674	874374	50.0