LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

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\82N021624W.M
Title : SW846 8260

Signal : TIC: VN081118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.165	1045	1056	1061	rBV	240061	577368	5.21%	1.066%
2	8.224	1061	1066	1076	rVB	475364	1061477	9.58%	1.960%
3	8.583	1114	1127	1139	rBV2	272573	734689	6.63%	1.357%
4	9.100	1205	1215	1236	rBV	721280	1490353	13.45%	2.752%
5	10.565	1456	1464	1469	rBV	859861	1580262	14.26%	2.918%
6	10.629	1469	1475	1488	rVV	4248942	7778552	70.20%	14.364%
7	11.865	1677	1685	1694	rBV	945568	1728888	15.60%	3.192%
8	11.965	1694	1702	1711	rVV	1806442	3053992	27.56%	5.639%
9	12.071	1711	1720	1732	rVV	5858136	11080398	100.00%	20.461%
10	12.400	1764	1776	1785	rBV	3188031	5336768	48.16%	9.855%
11	12.694	1819	1826	1833	rBV3	106998	186283	1.68%	0.344%
12	12.847	1846	1852	1862	rVB	632623	1120054	10.11%	2.068%
13	13.035	1877	1884	1889	rBV	345730	570502	5.15%	1.053%
14	13.100	1889	1895	1898	rVV	1628959	2719885	24.55%	5.022%
15	13.129	1898	1900	1904	rVV	683501	1011375	9.13%	1.868%
16	13.170	1904	1907	1915	rVB	726918	1183150	10.68%	2.185%
17	13.335	1928	1935	1943	rBV	640157	1054351	9.52%	1.947%
18	13.482	1952	1960	1967	rBV	2673992	4310158	38.90%	7.959%
19	13.794	2006	2013	2016	rBV	982550	1837614	16.58%	3.393%
20	13.953	2034	2040	2041	rBV	118709	157973	1.43%	0.292%
21	13.994	2041	2047	2062	rVV3	635205	1852153	16.72%	3.420%
22	14.182	2073	2079	2084	rVV2	115106	201693	1.82%	0.372%
23	14.241	2084	2089	2092	rVV	169329	282306	2.55%	0.521%
24	14.270	2092	2094	2099	rVV	160040	244635	2.21%	0.452%
25	14.329	2099	2104	2110	rVV	261634	429497	3.88%	0.793%
26	14.447	2119	2124	2131	rVB2	139741	248035	2.24%	0.458%
27	14.653	2151	2159	2162	rBV	137400	238254	2.15%	0.440%
28	14.694	2162	2166	2170	rVV2	188686	304021	2.74%	0.561%
29	14.929	2201	2206	2211	rBV3	131657	265796	2.40%	0.491%
30	15.053	2218	2227	2233	rBV3	229046	541468	4.89%	1.000%
31	15.212	2248	2254	2261	rVB4	59155	118721	1.07%	0.219%
32	15.441	2285	2293	2300	rVB4	46994	119150	1.08%	0.220%
33	15.641	2320	2327	2335	rVB	315158	591487	5.34%	1.092%
34	16.782	2515	2521	2522	rBV2	93895	143482	1.29%	0.265%

Sum of corrected areas: 54154790

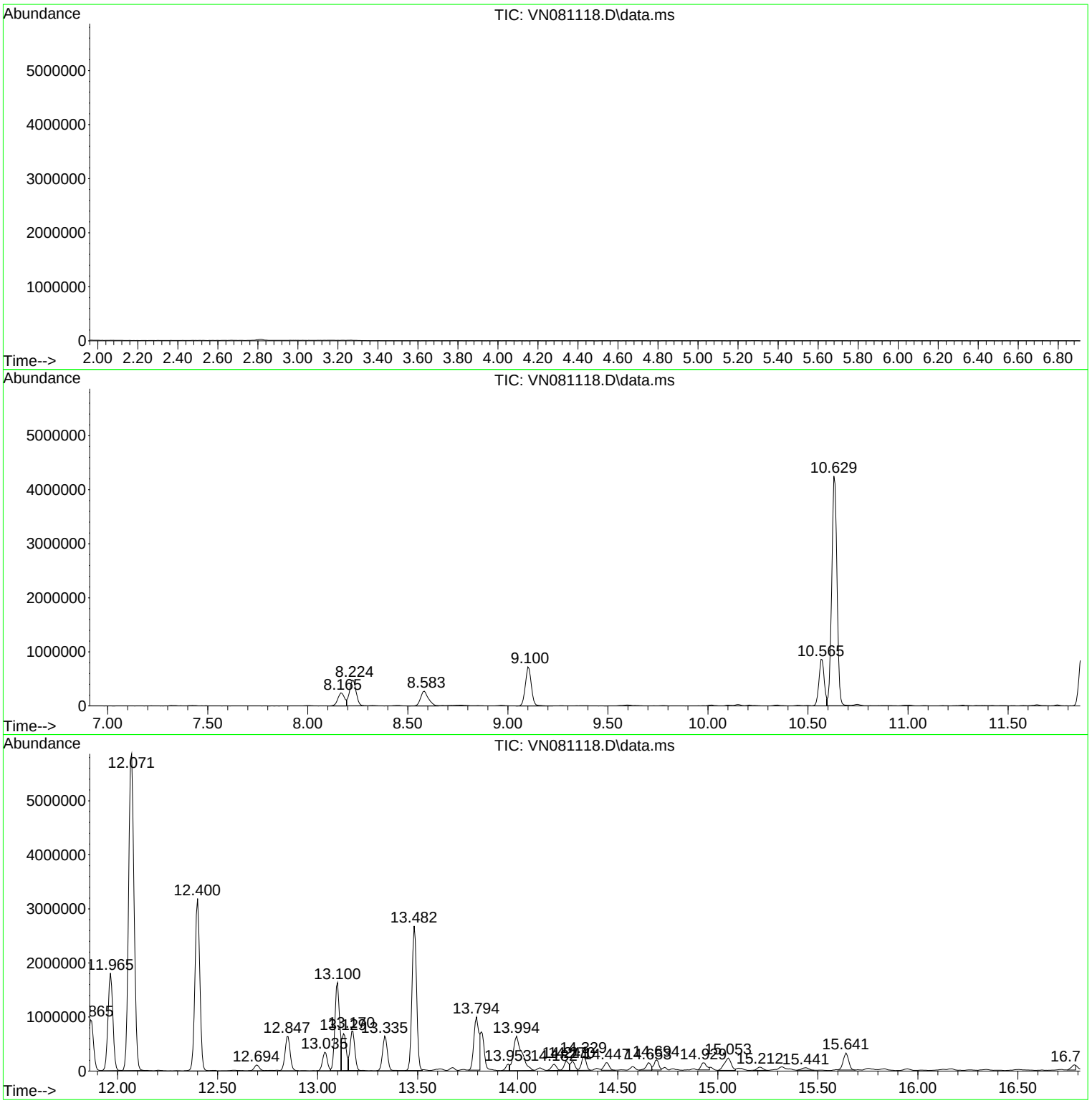
Instrument :
MSVOA_N
ClientSampleId :
1329

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

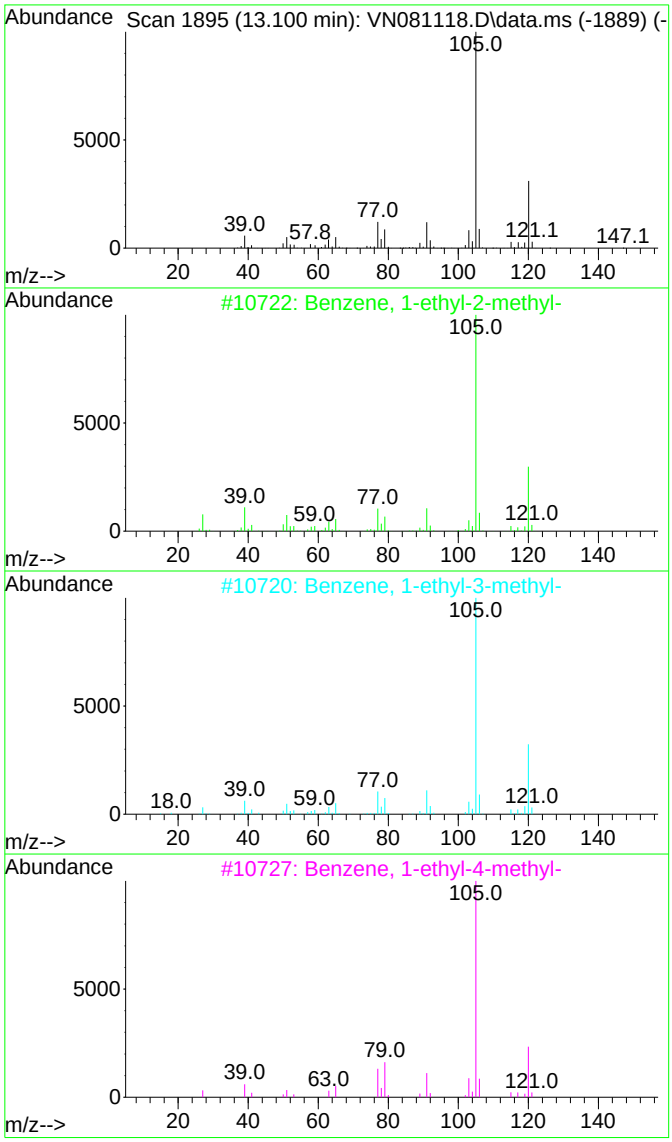
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

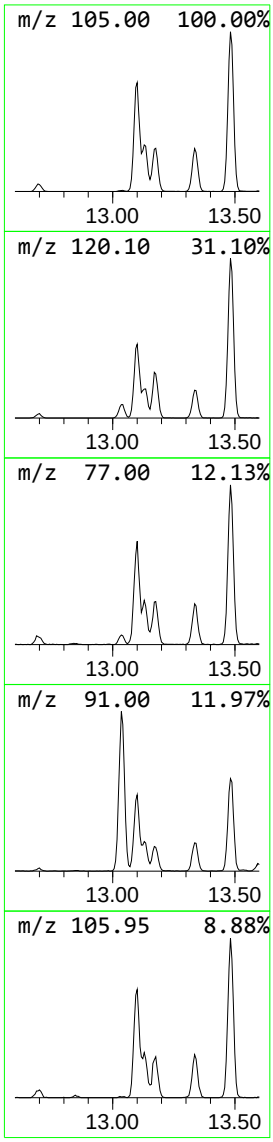
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.100	74.01 ug/l	2719890	1,4-Dichlorobenzene-d4	13.794

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	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

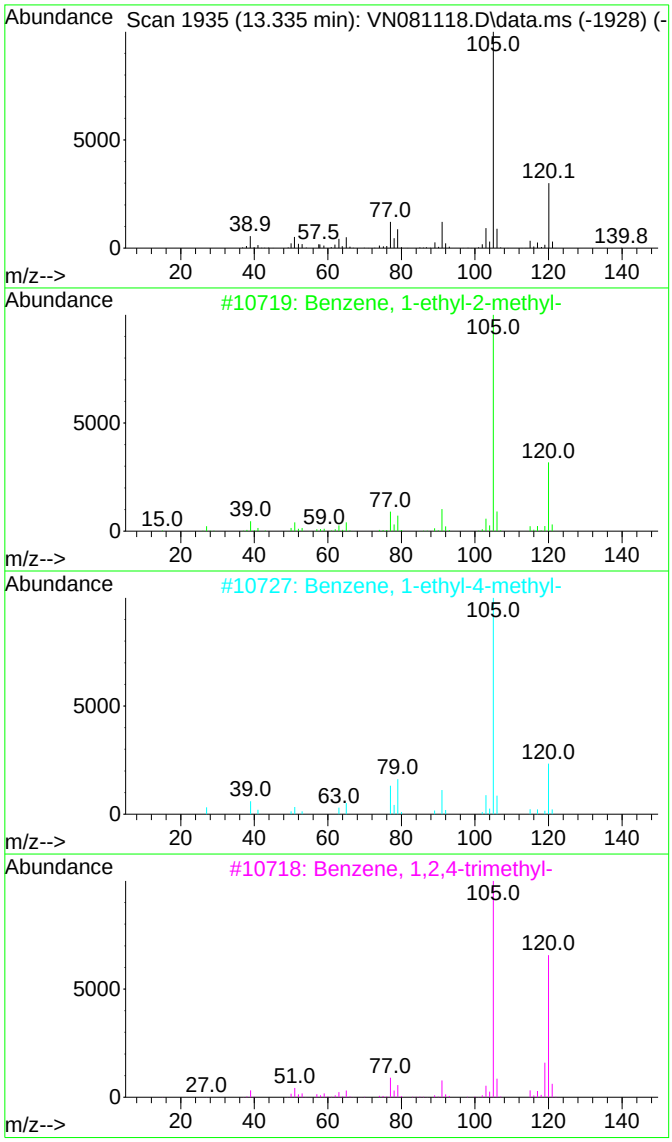
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

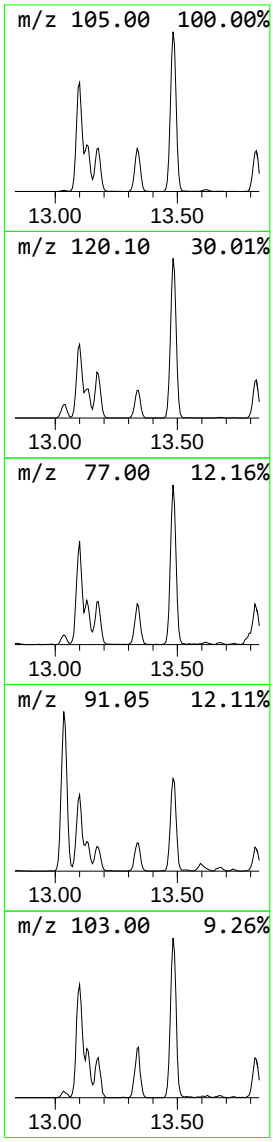
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	28.69 ug/l	1054350	1,4-Dichlorobenzene-d4	13.794

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

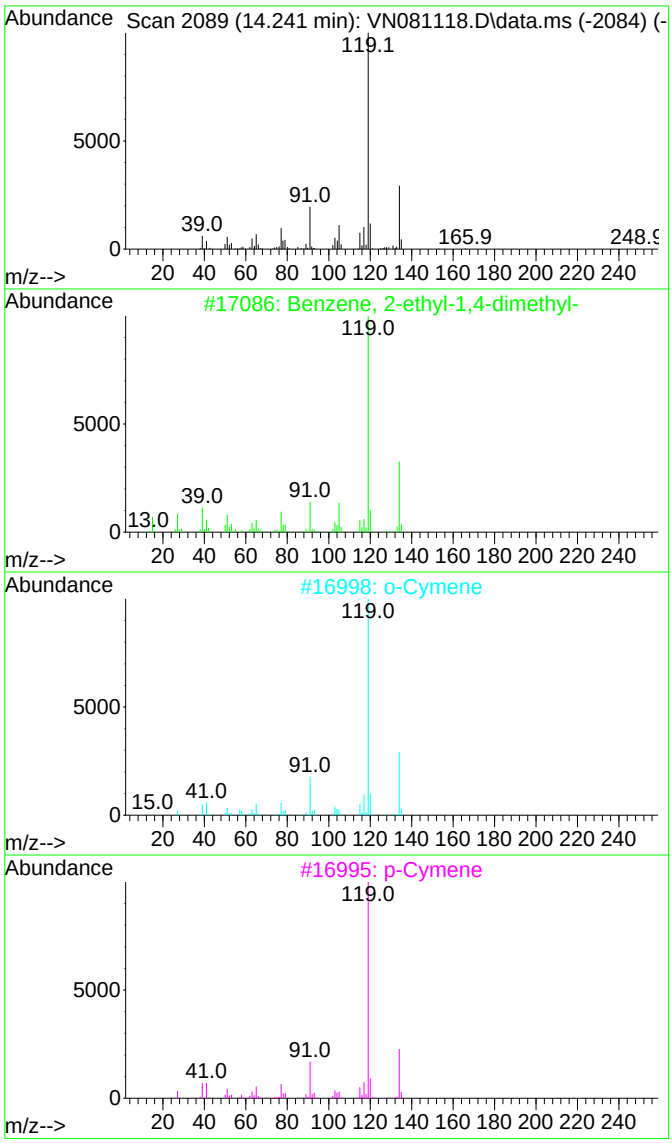
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

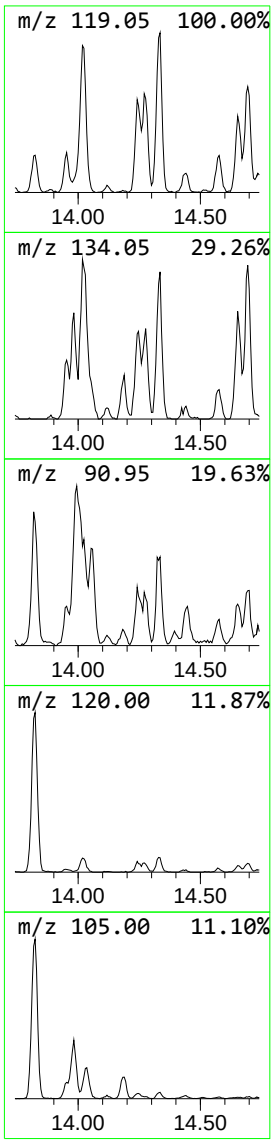
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.241	7.68 ug/l	282306	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

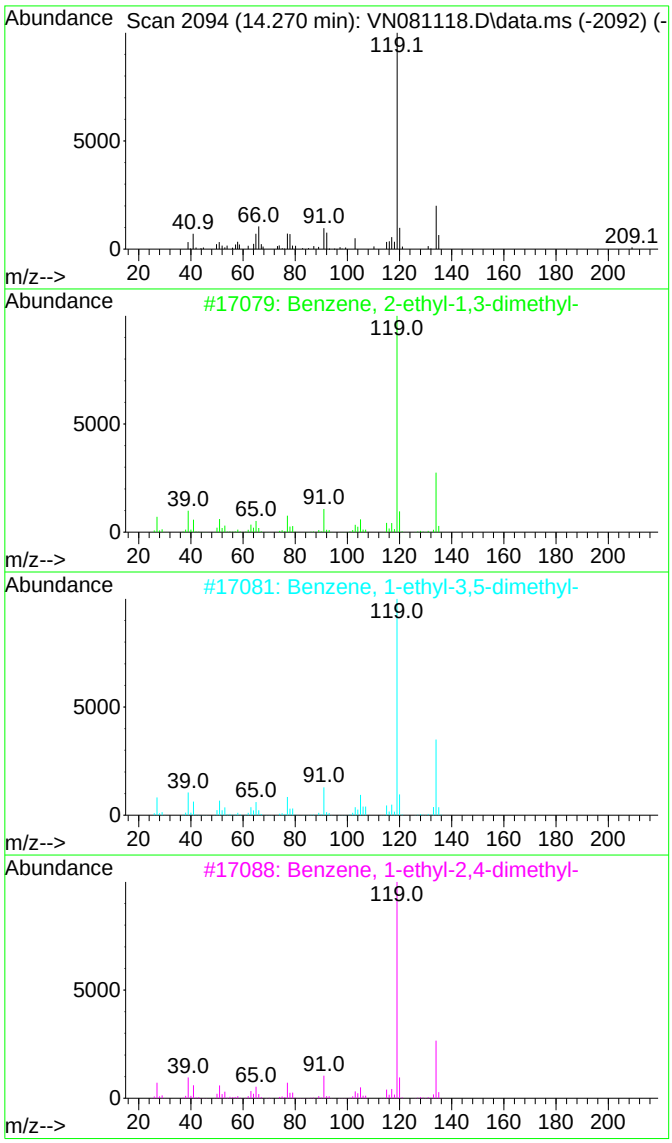
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

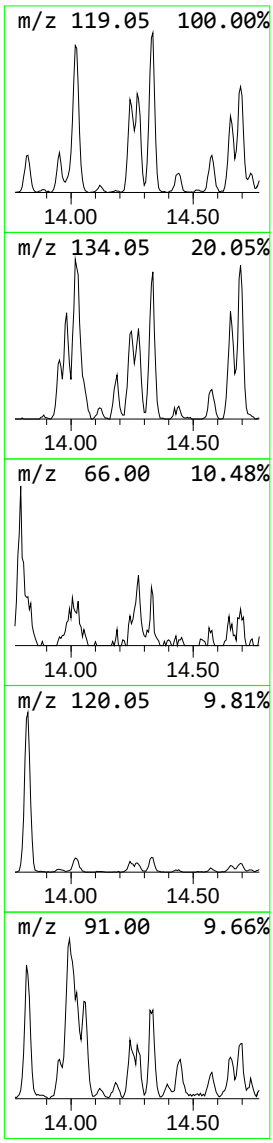
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.270	6.66 ug/l	244635	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	000933-98-2	80
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

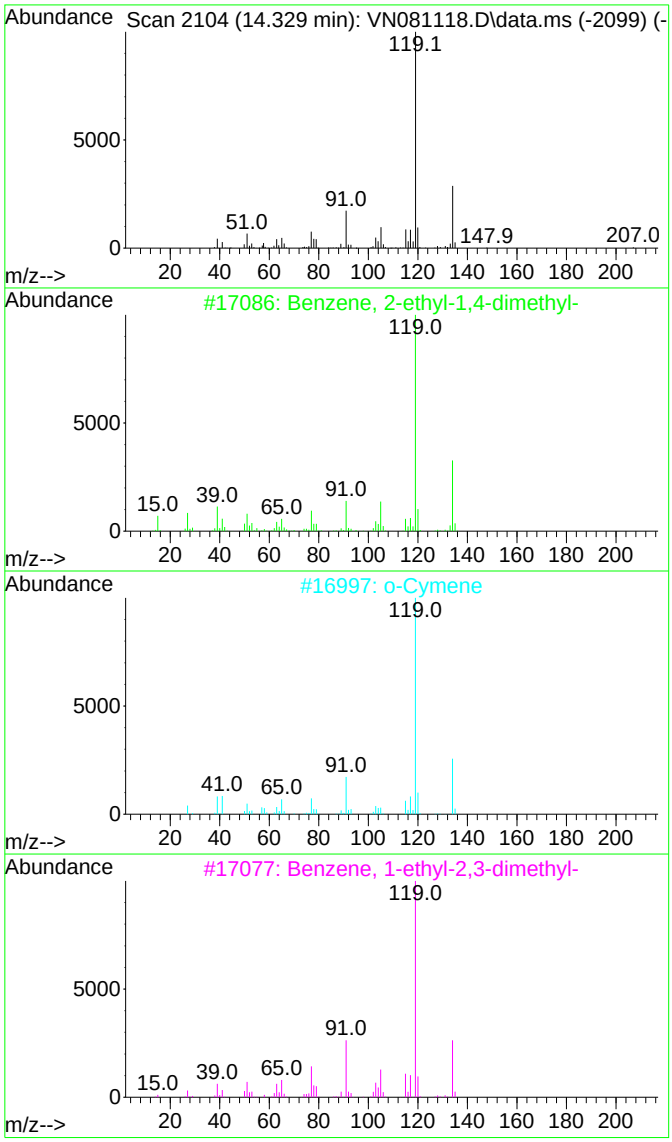
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

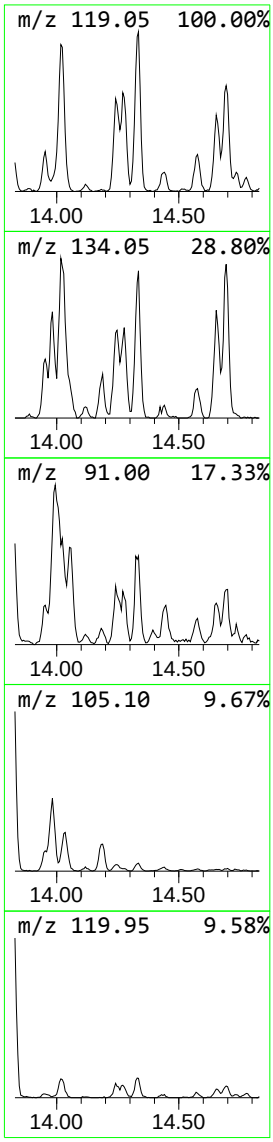
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	11.69 ug/l	429497	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

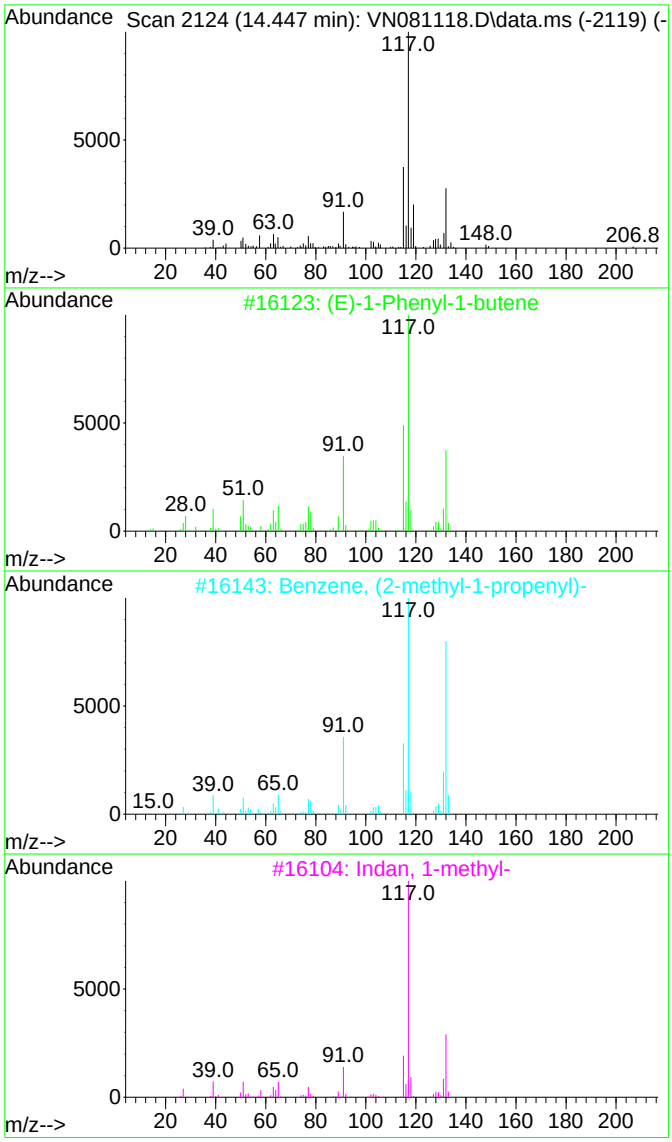
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

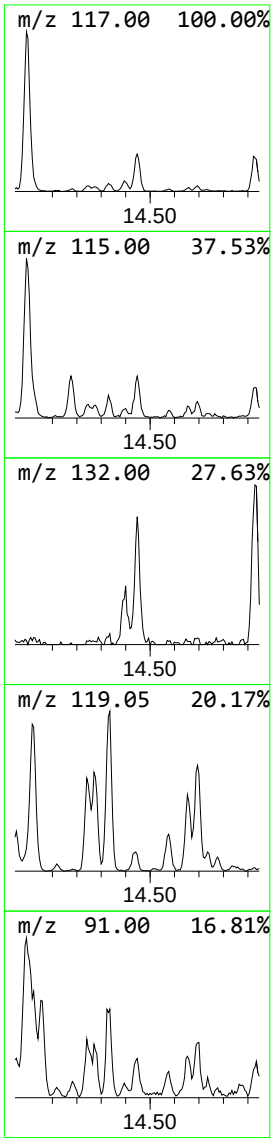
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	6.75 ug/l	248035	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	74
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
3	Indan, 1-methyl-	132	C10H12	000767-58-8	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

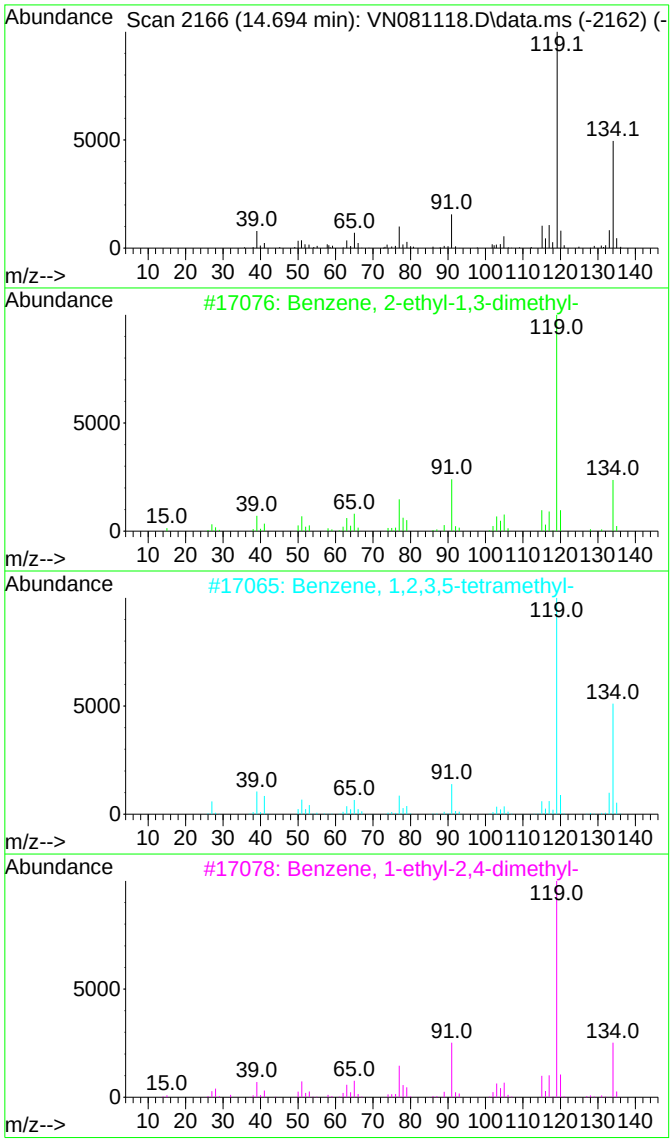
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

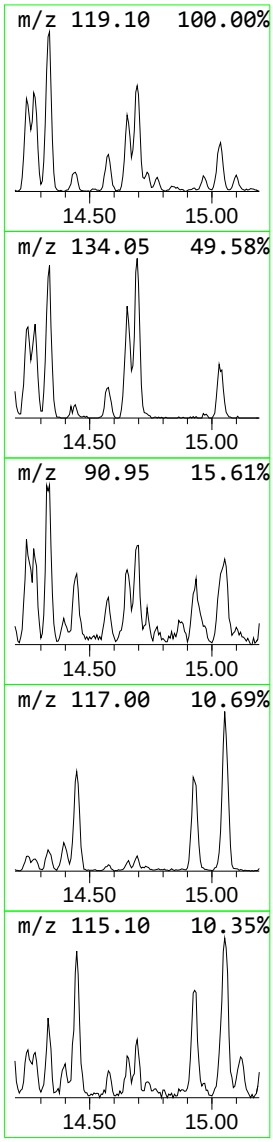
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	8.27 ug/l	304021	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

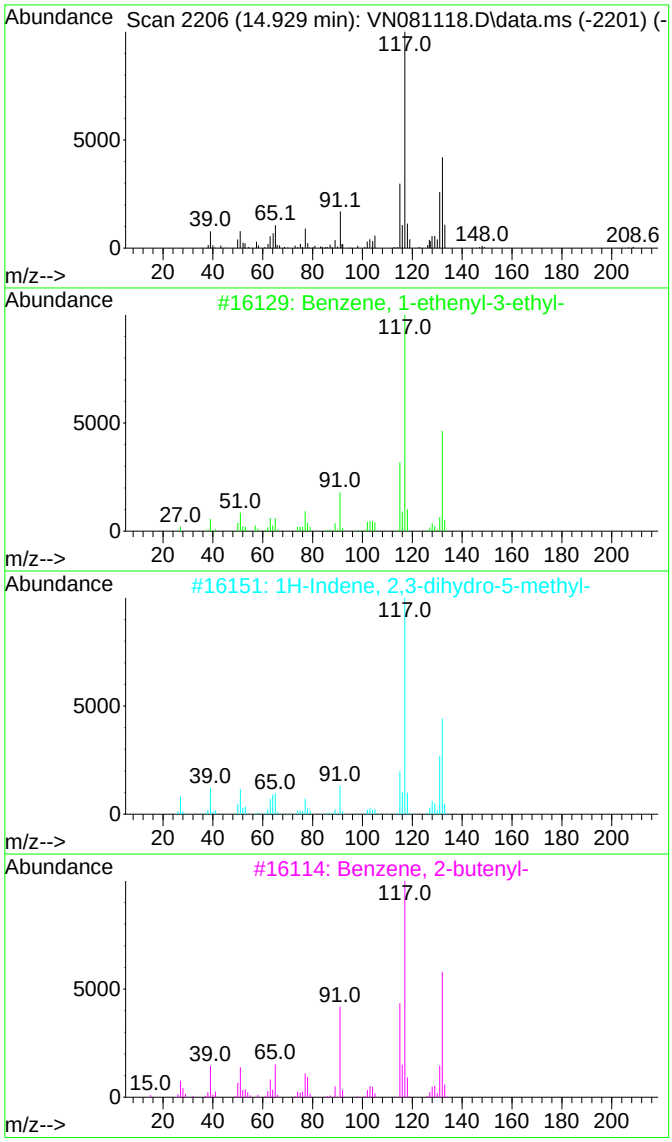
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

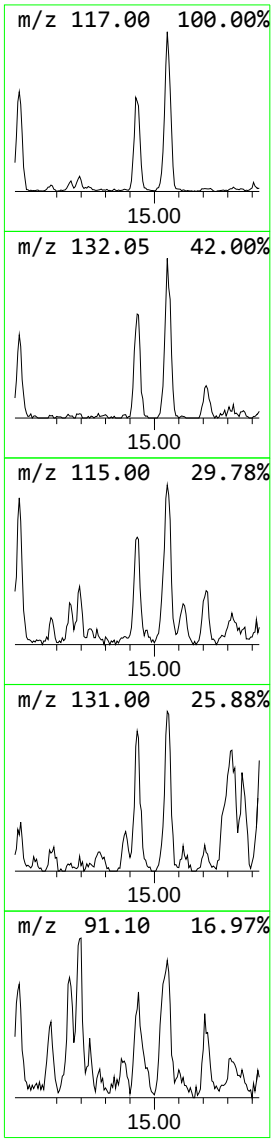
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.929	7.23 ug/l	265796	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

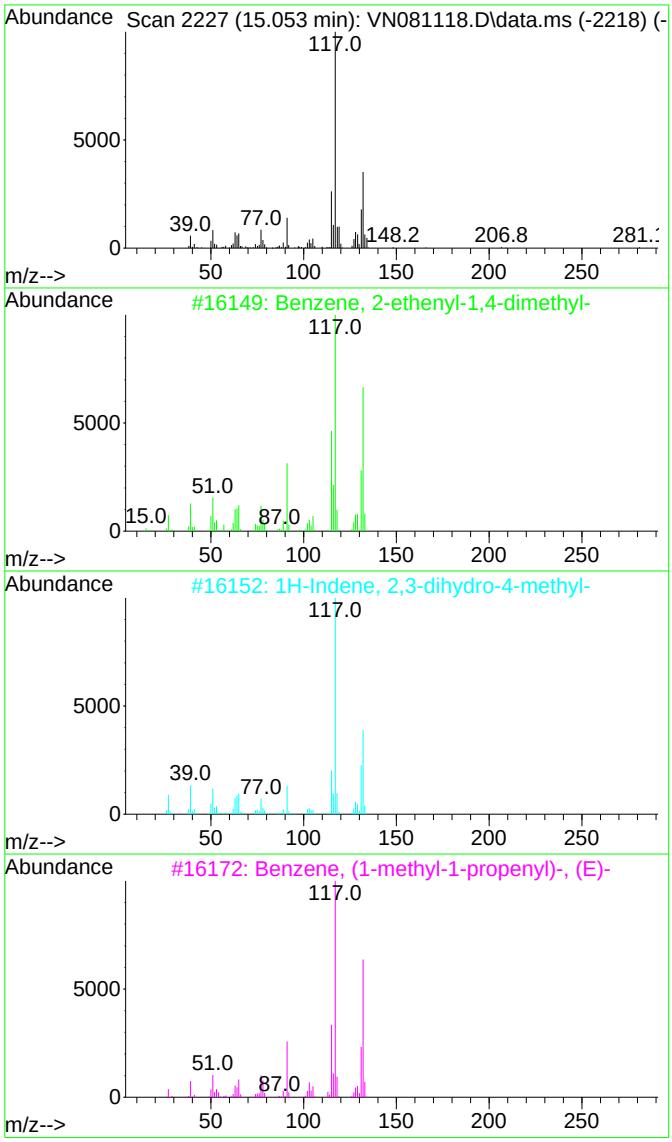
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260

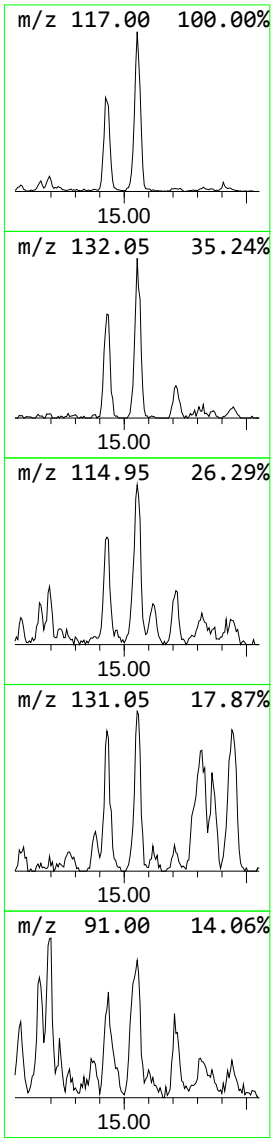
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	14.73 ug/l	541468	1,4-Dichlorobenzene-d4	13.794

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	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081118.D
Acq On : 21 Feb 2024 14:22
Operator : JC\MD
Sample : P1546-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1329

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.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...	13.100	74.0	ug/l	2719890	4	13.794	1837610	50.0
Benzene, 1-ethy...	13.335	28.7	ug/l	1054350	4	13.794	1837610	50.0
Benzene, 2-ethy...	14.241	7.7	ug/l	282306	4	13.794	1837610	50.0
Benzene, 2-ethy...	14.270	6.7	ug/l	244635	4	13.794	1837610	50.0
o-Cymene	14.329	11.7	ug/l	429497	4	13.794	1837610	50.0
(E)-1-Phenyl-1-...	14.447	6.8	ug/l	248035	4	13.794	1837610	50.0
Benzene, 1,2,3,...	14.694	8.3	ug/l	304021	4	13.794	1837610	50.0
Benzene, 1-ethe...	14.929	7.2	ug/l	265796	4	13.794	1837610	50.0
Benzene, 2-ethe...	15.053	14.7	ug/l	541468	4	13.794	1837610	50.0