LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

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\82N042524W.M
Title : SW846 8260

Signal : TIC: VN081890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.800	640	654	668	rBV	82960	285513	6.47%	1.061%
2	8.171	1047	1057	1061	rBV	168830	417281	9.46%	1.550%
3	8.224	1061	1066	1081	rVB	319080	786081	17.82%	2.921%
4	8.582	1117	1127	1137	rVB	205379	461245	10.46%	1.714%
5	9.100	1206	1215	1227	rBV	503514	1040894	23.60%	3.867%
6	9.353	1249	1258	1266	rBV2	85706	179453	4.07%	0.667%
7	10.571	1456	1465	1477	rBV	759571	1429657	32.41%	5.312%
8	11.865	1677	1685	1697	rBV	698931	1226847	27.82%	4.558%
9	12.694	1820	1826	1835	rVB2	169501	287651	6.52%	1.069%
10	12.847	1845	1852	1861	rVB2	507120	882534	20.01%	3.279%
11	13.035	1878	1884	1890	rVB	35574	59859	1.36%	0.222%
12	13.441	1941	1953	1960	rVB3	52733	121027	2.74%	0.450%
13	13.617	1973	1983	1988	rBV2	144999	314154	7.12%	1.167%
14	13.794	2005	2013	2023	rVB	621081	1054095	23.90%	3.916%
15	13.888	2023	2029	2034	rBV	108520	171691	3.89%	0.638%
16	13.953	2034	2040	2043	rBV	332428	543692	12.33%	2.020%
17	13.994	2043	2047	2056	rVB	935517	1575431	35.72%	5.853%
18	14.117	2062	2068	2074	rVB	213722	336575	7.63%	1.250%
19	14.329	2097	2104	2110	rBV	880515	1387636	31.46%	5.156%
20	14.400	2110	2116	2119	rVV	304008	562151	12.75%	2.089%
21	14.447	2119	2124	2130	rVV2	1015874	1809669	41.03%	6.724%
22	14.511	2130	2135	2140	rVB4	48373	84914	1.93%	0.315%
23	14.582	2140	2147	2151	rBV	124226	203520	4.61%	0.756%
24	14.653	2151	2159	2167	rVB	733719	1227606	27.83%	4.561%
25	14.735	2168	2173	2177	rBV2	44188	67417	1.53%	0.250%
26	14.806	2181	2185	2190	rVB	62531	91746	2.08%	0.341%
27	14.882	2190	2198	2201	rBV4	84622	199492	4.52%	0.741%
28	14.929	2201	2206	2211	rBV2	289560	448415	10.17%	1.666%
29	15.035	2217	2224	2233	rBV3	1840471	4410720	100.00%	16.387%
30	15.317	2260	2272	2276	rBV2	201128	516334	11.71%	1.918%
31	15.364	2276	2280	2285	rVV	157813	294294	6.67%	1.093%
32	15.435	2285	2292	2299	rVV4	291851	728097	16.51%	2.705%
33	15.494	2299	2302	2307	rVB3	56795	89018	2.02%	0.331%
34	15.582	2313	2317	2324	rVB2	97560	185895	4.21%	0.691%
35	15.700	2330	2337	2341	rBV	146237	285873	6.48%	1.062%
36	15.753	2341	2346	2347	rVV2	117571	201102	4.56%	0.747%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

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\82N042524W.M
Title : SW846 8260

37	15.782	2348	2351	2368	rVB2	166985	469838	10.65%	1.746%
38	15.947	2371	2379	2386	rBV3	83261	182270	4.13%	0.677%
39	16.029	2386	2393	2400	rBV5	66041	142034	3.22%	0.528%
40	16.129	2400	2410	2412	rVV2	142970	316042	7.17%	1.174%
41	16.170	2412	2417	2425	rVV	318673	666132	15.10%	2.475%
42	16.258	2426	2432	2439	rVV	65233	144760	3.28%	0.538%
43	16.341	2439	2446	2452	rVV4	69225	172900	3.92%	0.642%
44	16.394	2452	2455	2464	rVB6	31347	65112	1.48%	0.242%
45	16.505	2465	2474	2482	rBV2	294556	686987	15.58%	2.552%
46	16.705	2498	2508	2516	rBV8	37978	101733	2.31%	0.378%

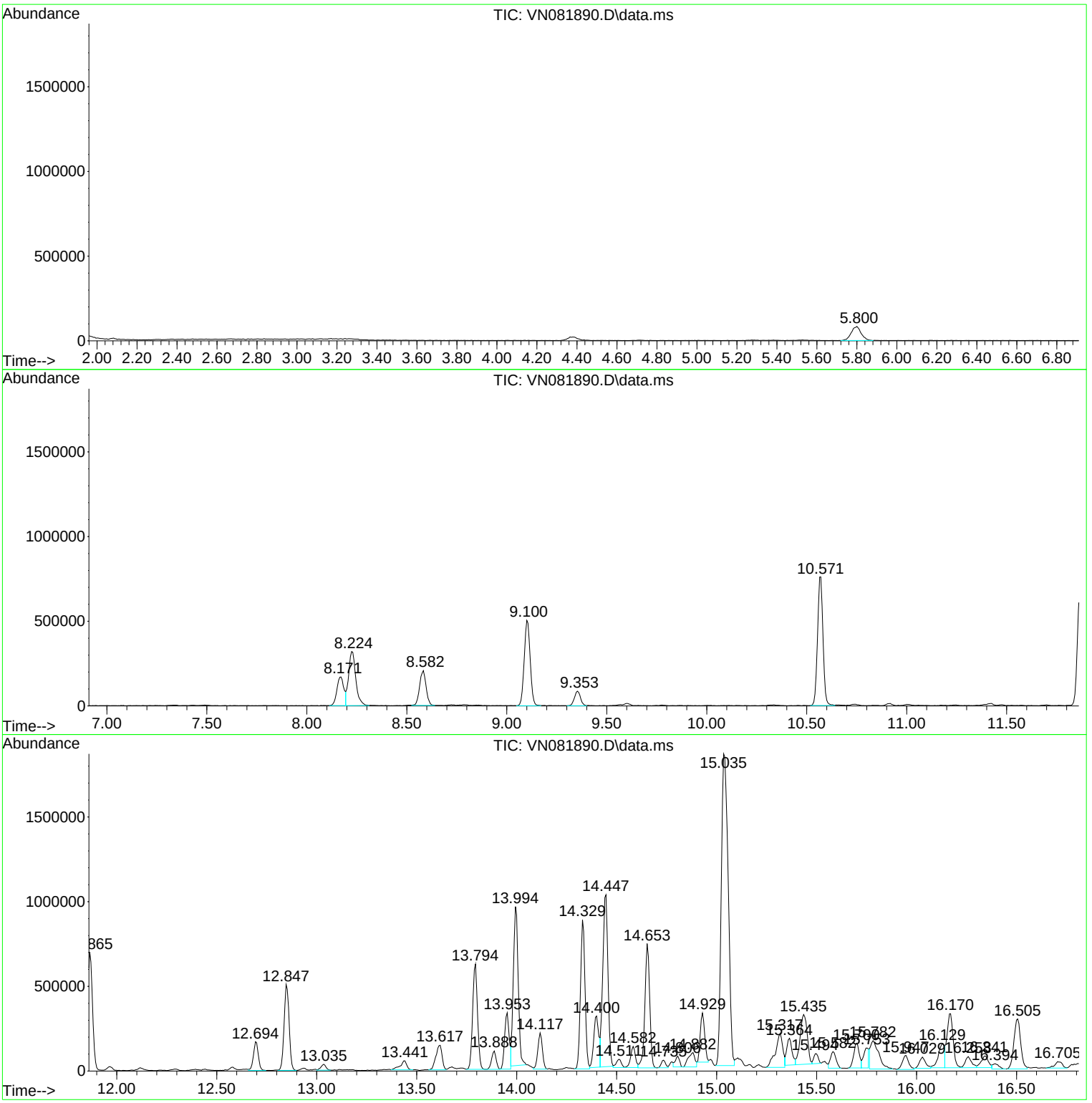
Sum of corrected areas: 26915387

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

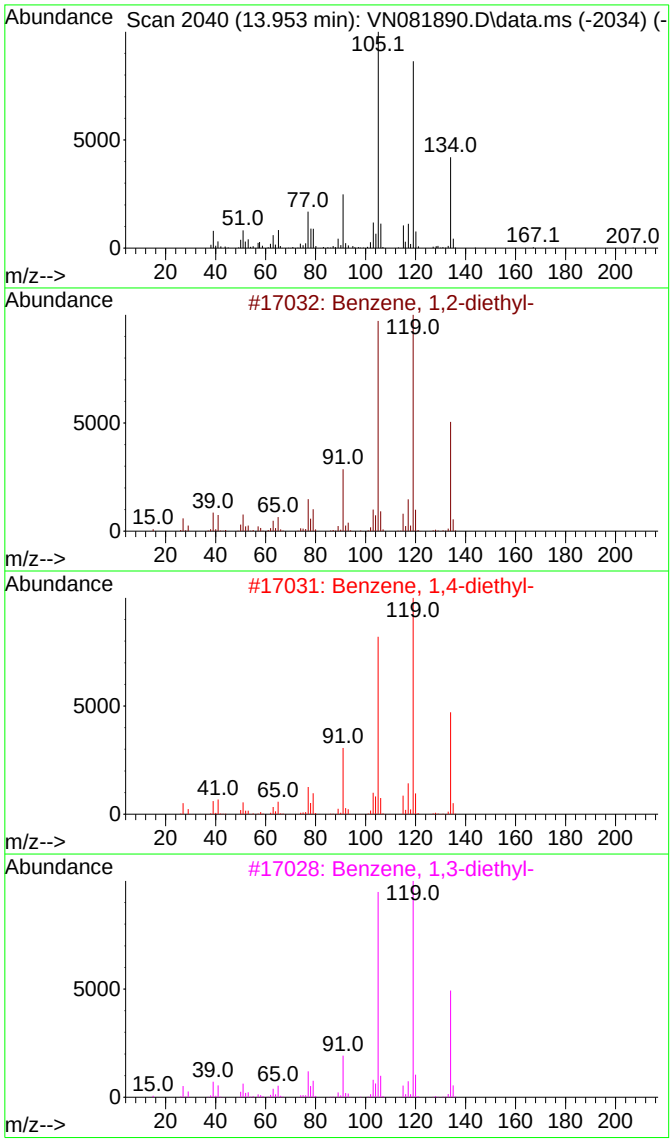
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

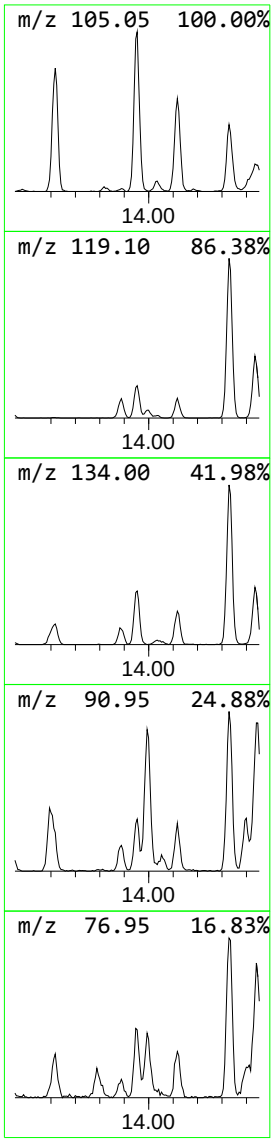
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.953	25.79 ug/l	543692	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

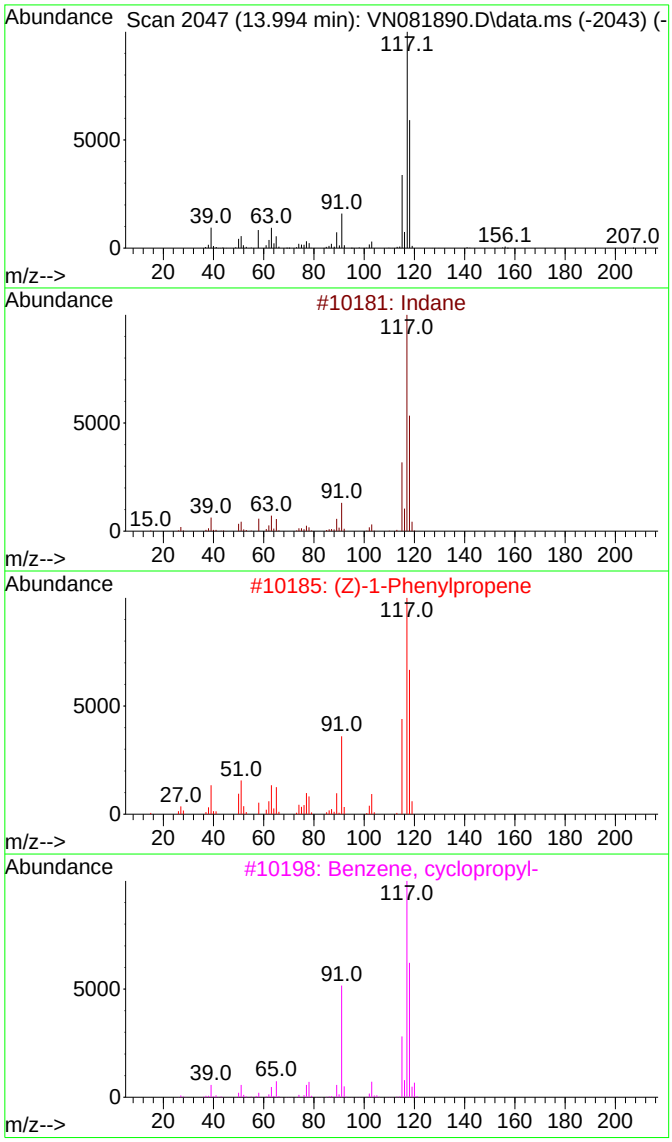
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

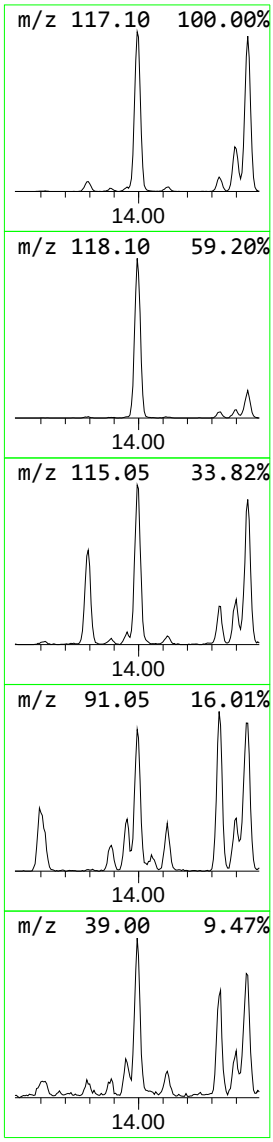
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	74.73 ug/l	1575430	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

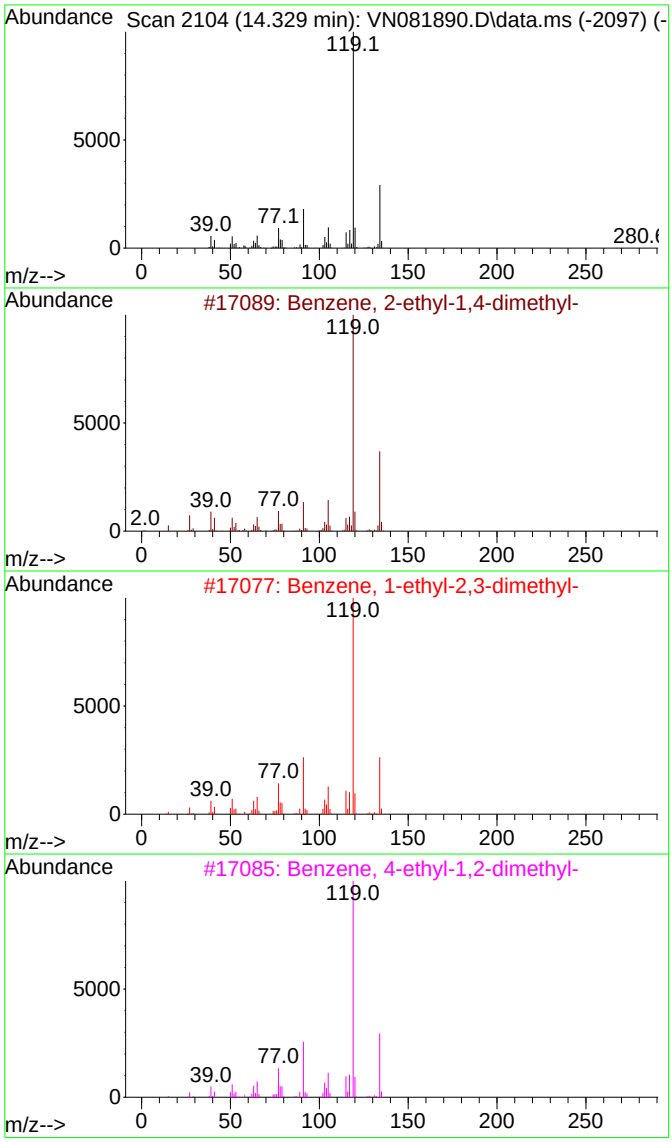
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

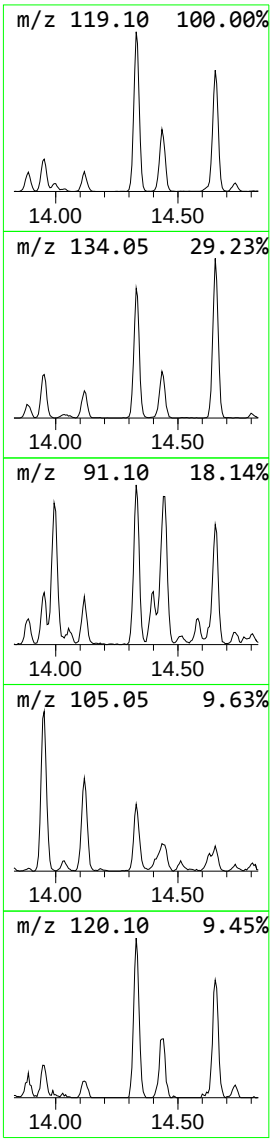
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	65.82 ug/l	1387640	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

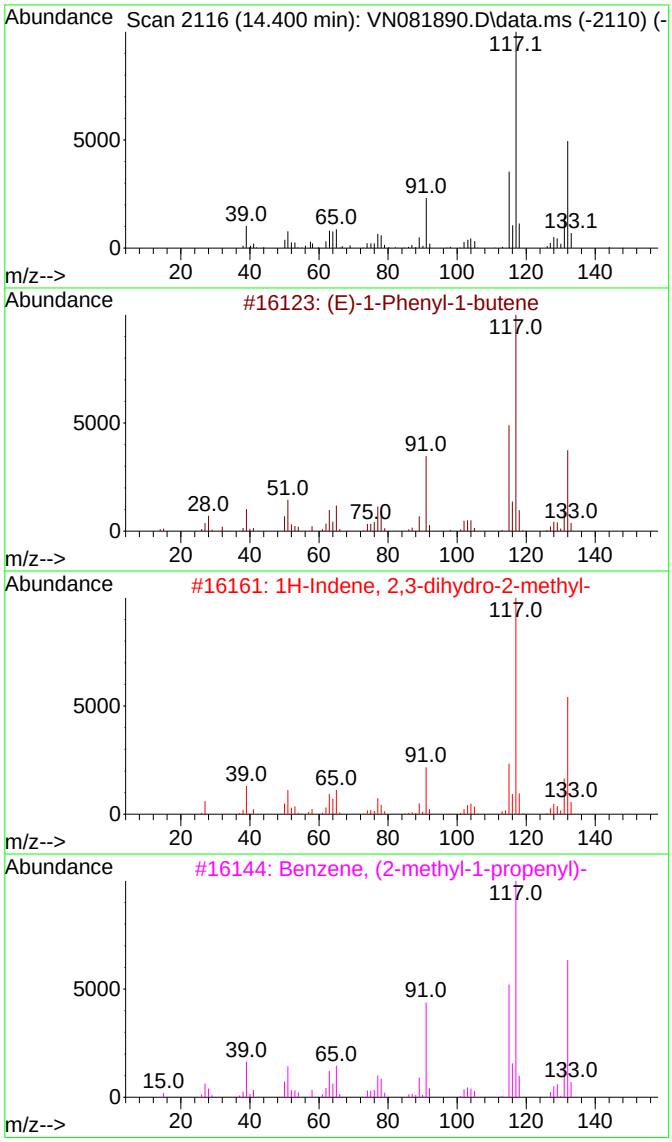
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

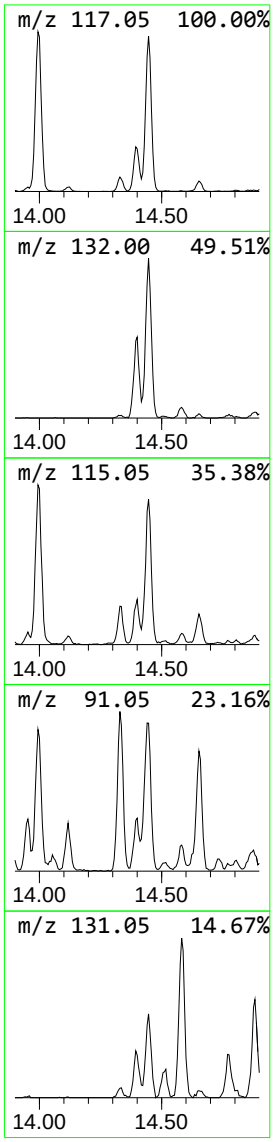
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.400	26.67 ug/l	562151	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	96
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

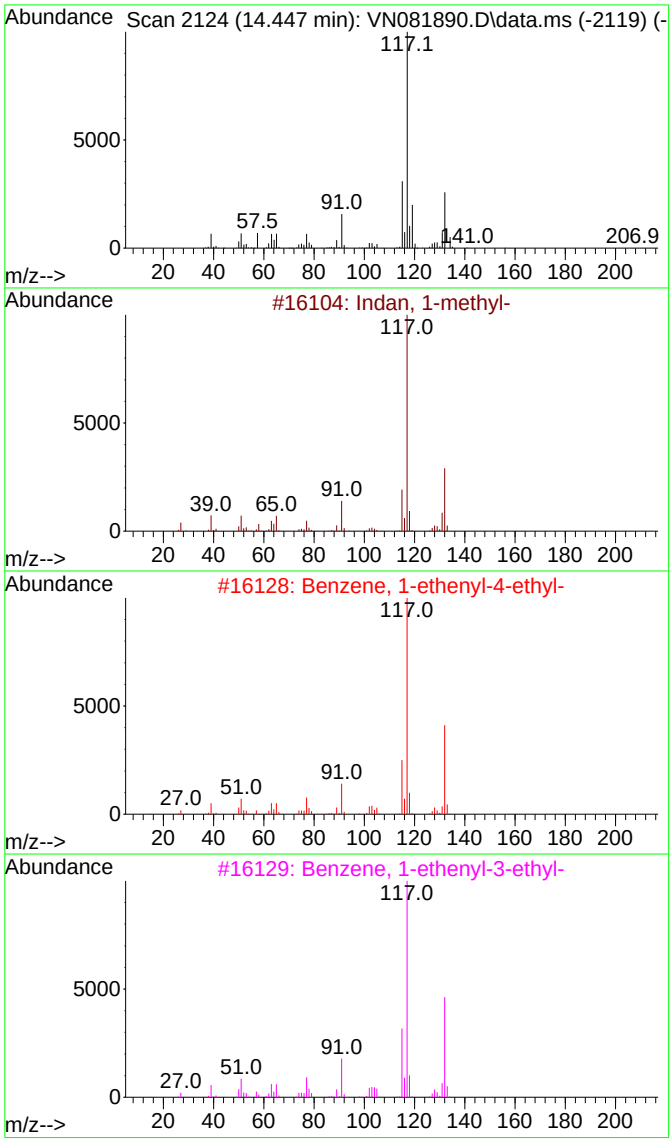
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

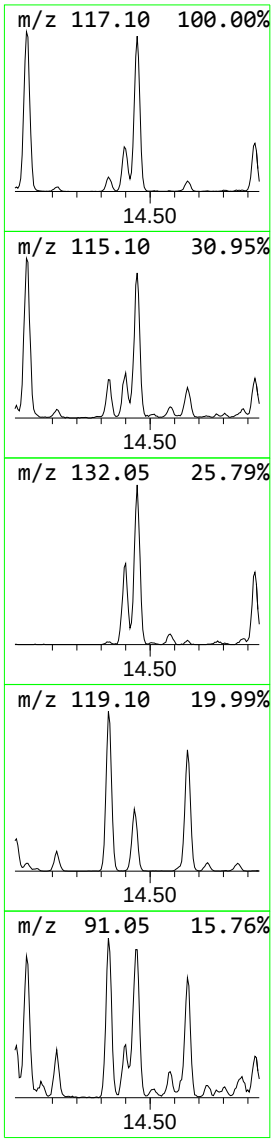
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.447	85.84 ug/l	1809670	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	80
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	74
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

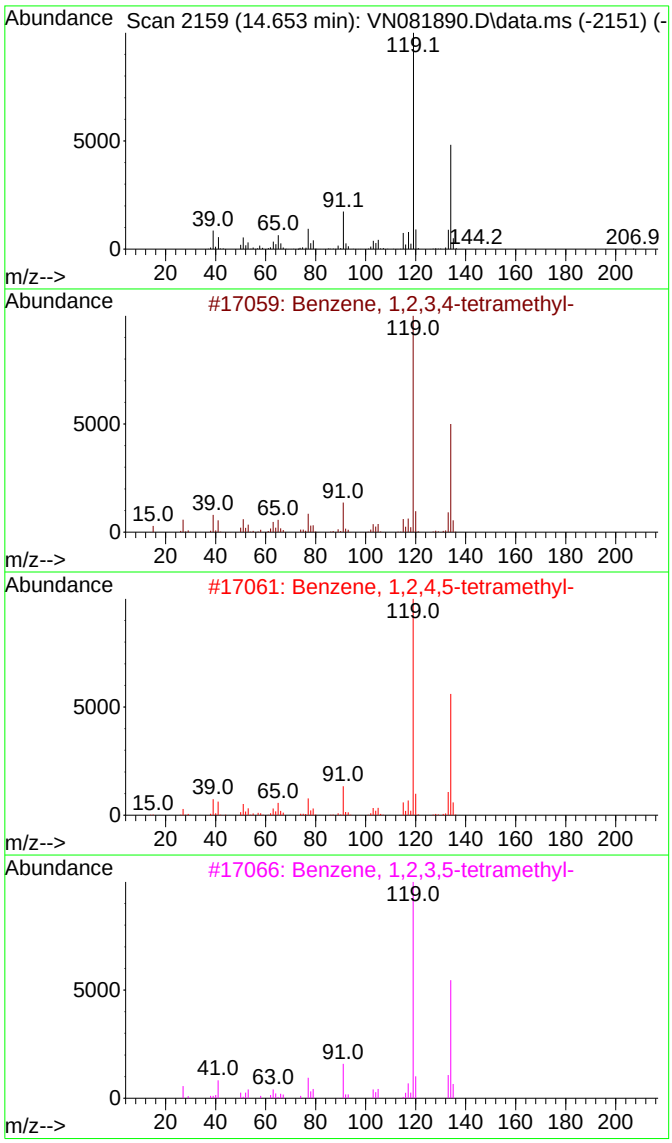
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

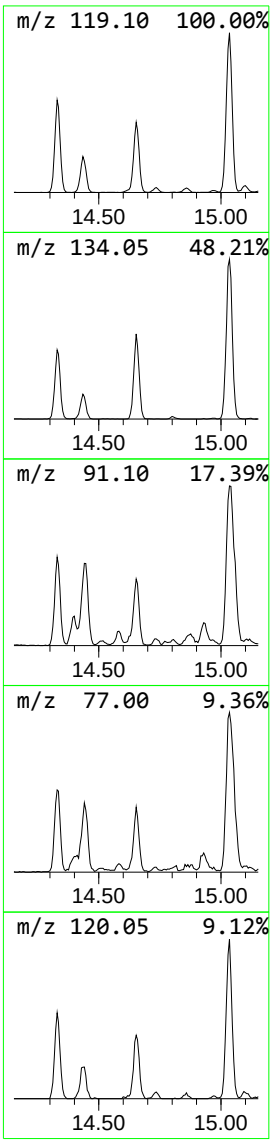
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	58.23 ug/l	1227610	1,4-Dichlorobenzene-d4	13.794

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

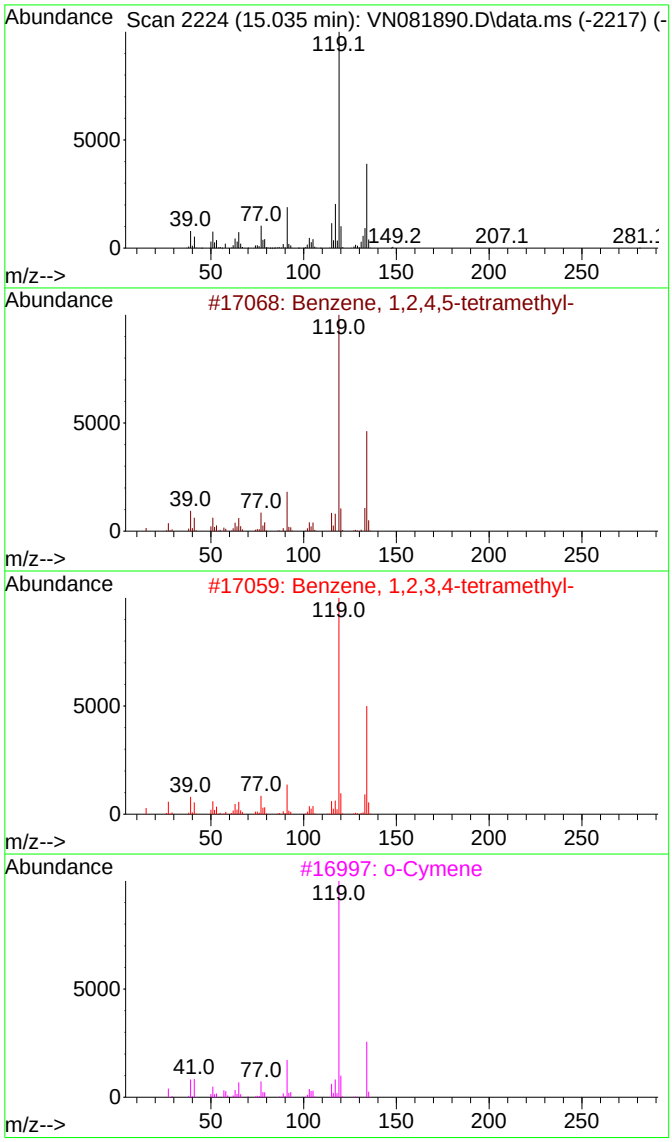
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

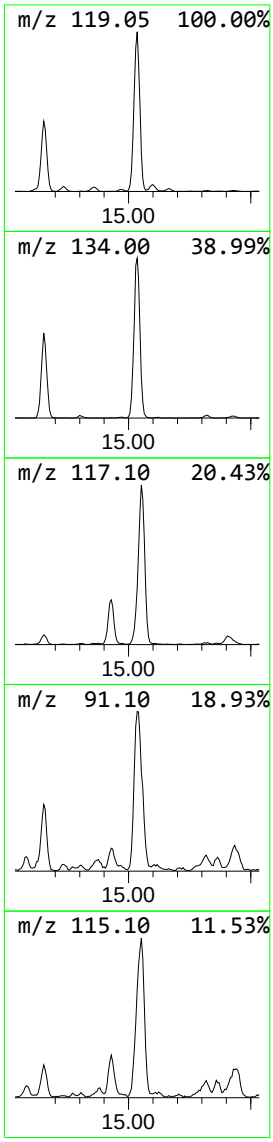
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.035	209.22 ug/l	4410720	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

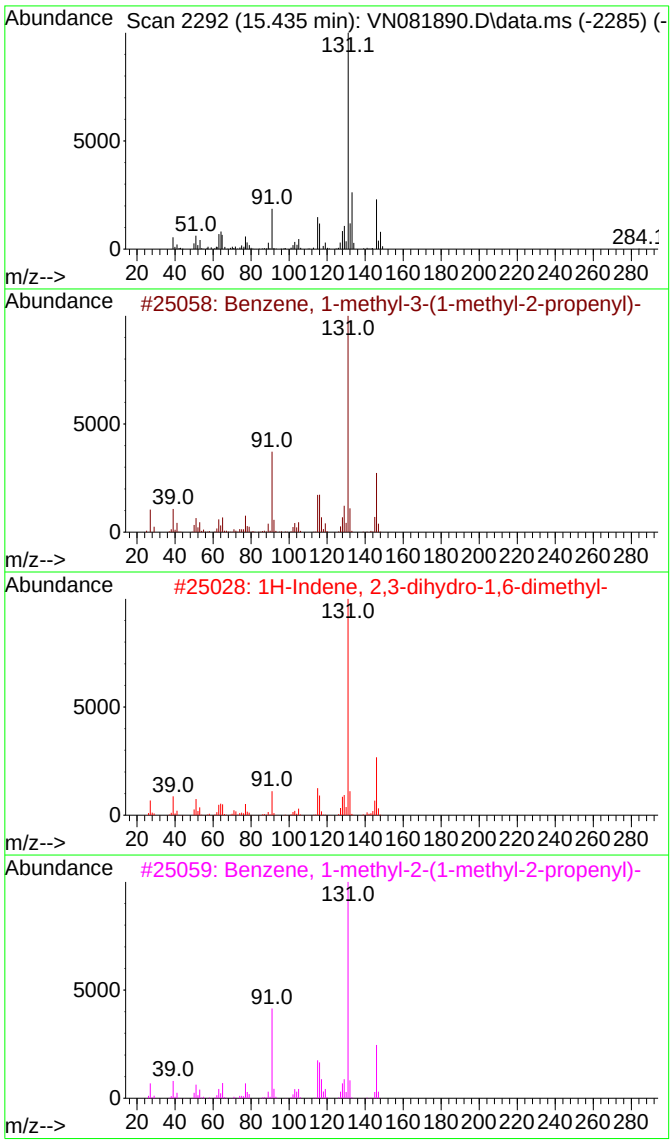
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

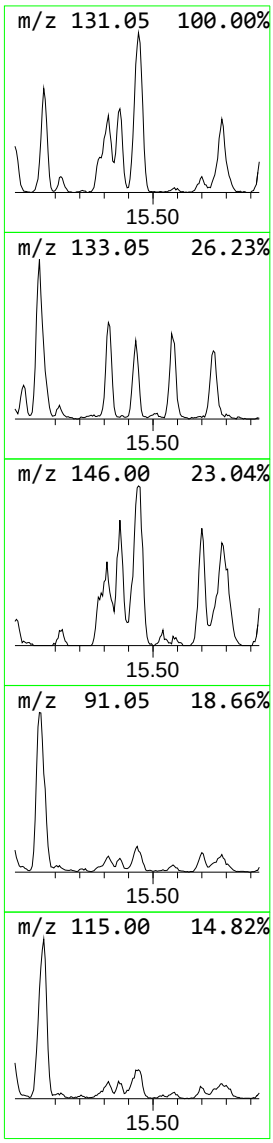
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.435	34.54 ug/l	728097	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

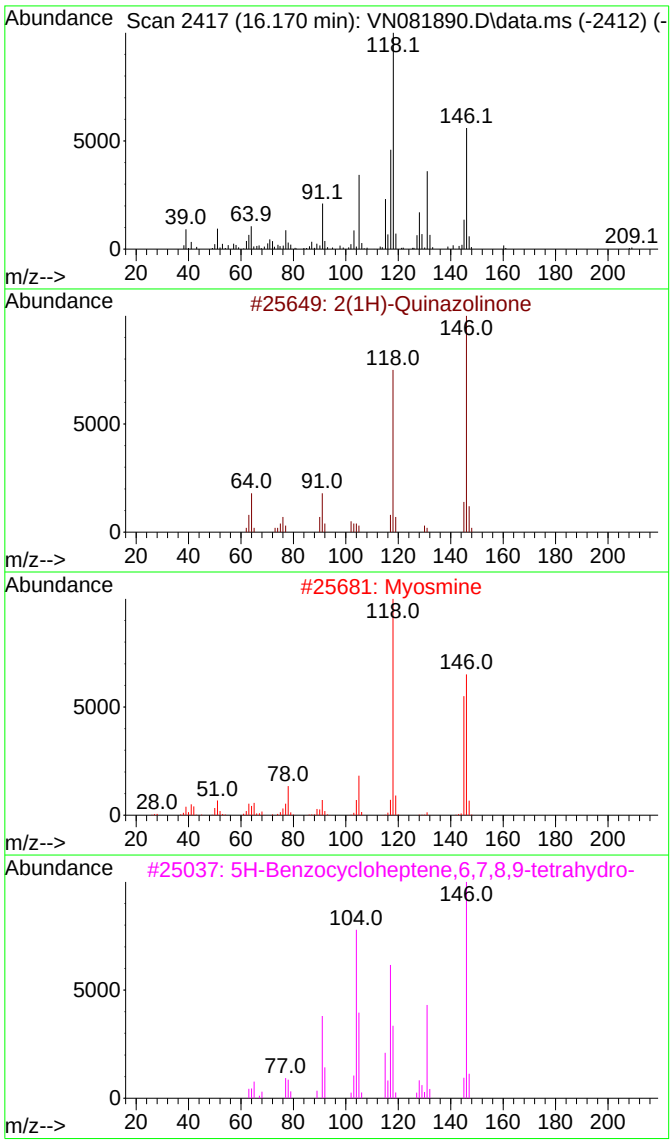
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

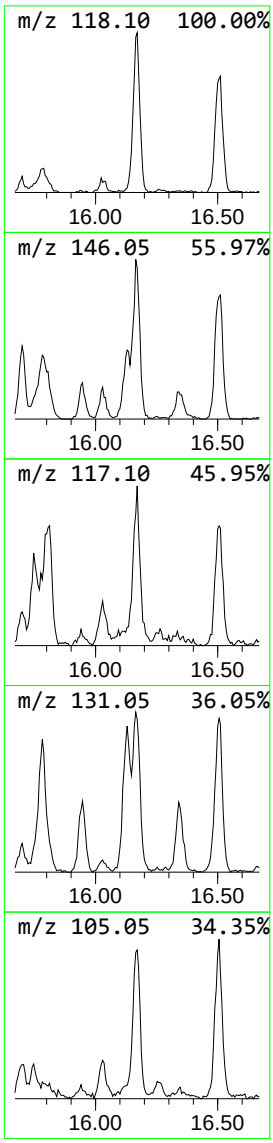
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2(1H)-Quinazolinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.170	31.60 ug/l	666132	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinazolinone	146	C8H6N2O	007471-58-1	55
2	Myosmine	146	C9H10N2	001125-96-8	47
3	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	46
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	43
5	7-Methylindan-1-one	146	C10H10O	039627-61-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

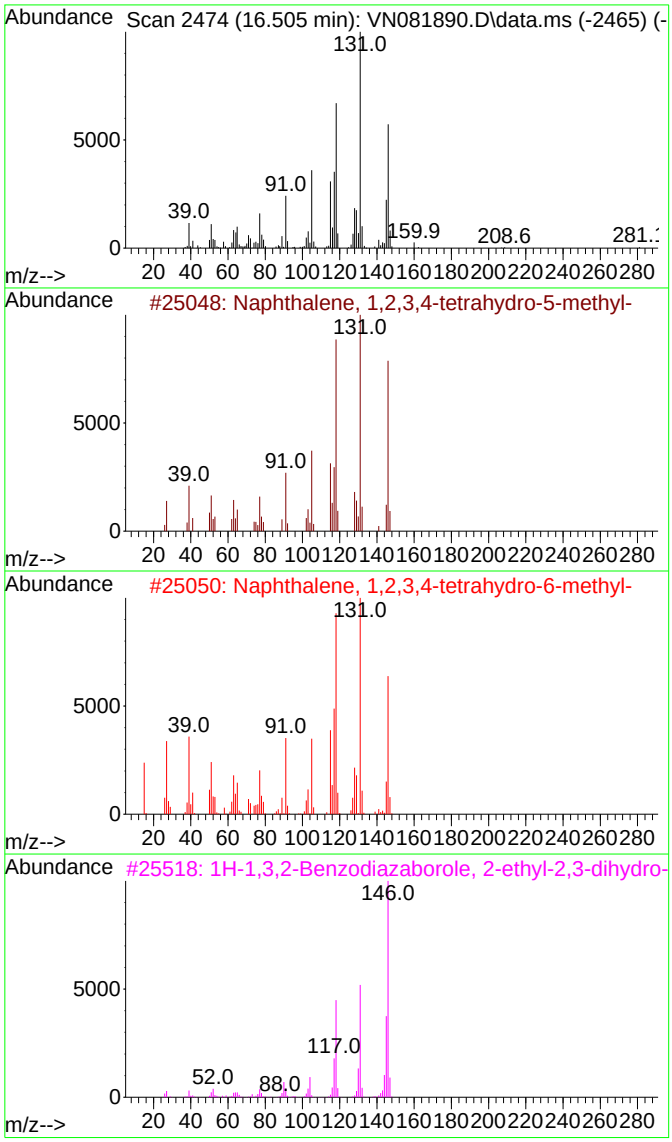
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260

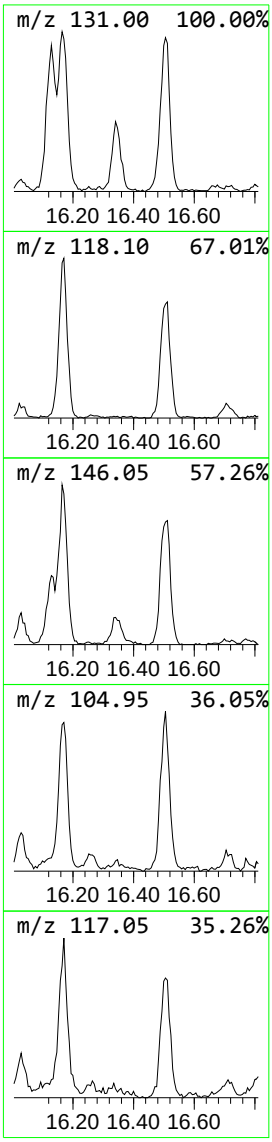
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.505	32.59 ug/l	686987	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	86
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	83
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081890.D
Acq On : 26 Apr 2024 20:06
Operator : JC\MD
Sample : P2264-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T11-MW-4-9.0-042324

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.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, 1,2-di...	13.953	25.8	ug/l	543692	4	13.794	1054100	50.0
Indane	13.994	74.7	ug/l	1575430	4	13.794	1054100	50.0
Benzene, 2-ethy...	14.329	65.8	ug/l	1387640	4	13.794	1054100	50.0
(E)-1-Phenyl-1-...	14.400	26.7	ug/l	562151	4	13.794	1054100	50.0
Indan, 1-methyl-	14.447	85.8	ug/l	1809670	4	13.794	1054100	50.0
Benzene, 1,2,3,...	14.653	58.2	ug/l	1227610	4	13.794	1054100	50.0
Benzene, 1,2,4,...	15.035	209.2	ug/l	4410720	4	13.794	1054100	50.0
Benzene, 1-meth...	15.435	34.5	ug/l	728097	4	13.794	1054100	50.0
2(1H)-Quinazoli...	16.170	31.6	ug/l	666132	4	13.794	1054100	50.0
Naphthalene, 1,...	16.505	32.6	ug/l	686987	4	13.794	1054100	50.0