LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

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\82N121422W.M
Title : SW846 8260

Signal : TIC: VN076008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.259	195	205	221	rVB	130791	312231	1.06%	0.203%
2	4.442	395	406	419	rBV	367811	1121539	3.79%	0.728%
3	5.400	555	569	583	rVB4	101393	495045	1.68%	0.321%
4	5.812	623	639	658	rBV4	319796	1189384	4.02%	0.772%
5	6.812	797	809	818	rBV2	96022	295803	1.00%	0.192%
6	7.335	890	898	907	rVV	397426	1067907	3.61%	0.693%
7	8.012	1005	1013	1022	rVB	164982	396339	1.34%	0.257%
8	8.171	1031	1040	1045	rBV	257797	628768	2.13%	0.408%
9	8.230	1045	1050	1063	rVB2	526049	1638212	5.54%	1.063%
10	8.588	1102	1111	1125	rBV2	254589	706340	2.39%	0.458%
11	8.741	1127	1137	1142	rBV3	144934	432210	1.46%	0.280%
12	9.106	1190	1199	1206	rBV2	863019	1917491	6.49%	1.244%
13	9.388	1242	1247	1263	rVB	150438	314298	1.06%	0.204%
14	9.606	1263	1284	1292	rBV4	257550	825598	2.79%	0.536%
15	10.106	1362	1369	1374	rBV	256240	486668	1.65%	0.316%
16	10.453	1421	1428	1440	rVB2	254006	500559	1.69%	0.325%
17	10.571	1440	1448	1454	rBV	1033275	1934624	6.55%	1.255%
18	10.635	1454	1459	1469	rVB	303462	596479	2.02%	0.387%
19	11.870	1660	1669	1676	rBV	899556	1618233	5.48%	1.050%
20	11.970	1677	1686	1696	rVV	11007527	18722960	63.35%	12.150%
21	12.082	1696	1705	1716	rVB	13089231	21706931	73.45%	14.086%
22	12.400	1749	1759	1767	rBV	2428751	4241455	14.35%	2.752%
23	12.700	1803	1810	1817	rVB	696935	1135592	3.84%	0.737%
24	12.853	1828	1836	1846	rBV	728616	1240570	4.20%	0.805%
25	13.041	1861	1868	1873	rBV	1396887	2265128	7.66%	1.470%
26	13.100	1873	1878	1880	rVV	1149907	1805845	6.11%	1.172%
27	13.135	1880	1884	1889	rVV	3995044	6346620	21.47%	4.118%
28	13.176	1889	1891	1899	rVB	331612	434503	1.47%	0.282%
29	13.341	1911	1919	1928	rVB	5812873	9443024	31.95%	6.128%
30	13.488	1930	1944	1952	rBV	19272751	29553881	100.00%	19.178%
31	13.676	1971	1976	1981	rVB	212642	323716	1.10%	0.210%
32	13.823	1990	2001	2017	rVB2	3964130	8129716	27.51%	5.275%
33	13.959	2017	2024	2025	rBV	757670	1112885	3.77%	0.722%
34	13.994	2025	2030	2036	rVV2	3442320	5937589	20.09%	3.853%
35	14.182	2056	2062	2068	rVV2	589078	1026882	3.47%	0.666%
36	14.247	2068	2073	2076	rVV	1108430	1870381	6.33%	1.214%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

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\82N121422W.M
Title : SW846 8260

37	14.276	2076	2078	2083	rVV	912285	1233550	4.17%	0.800%
38	14.335	2083	2088	2094	rVB	1810288	2781986	9.41%	1.805%
39	14.400	2094	2099	2102	rBV	319132	505256	1.71%	0.328%
40	14.447	2102	2107	2117	rVB2	1126347	1946892	6.59%	1.263%
41	14.576	2123	2129	2135	rVB	363731	574764	1.94%	0.373%
42	14.659	2135	2143	2146	rBV	1070067	1770027	5.99%	1.149%
43	14.700	2146	2150	2155	rVB	1275862	1977597	6.69%	1.283%
44	14.929	2184	2189	2195	rBV	970217	1644182	5.56%	1.067%
45	15.053	2201	2210	2217	rBV3	1631736	3612611	12.22%	2.344%
46	15.117	2217	2221	2228	rVV3	149477	311528	1.05%	0.202%
47	15.211	2231	2237	2245	rVV3	222178	440434	1.49%	0.286%
48	15.323	2245	2256	2269	rVV5	360193	1245243	4.21%	0.808%
49	15.441	2269	2276	2287	rVB3	230780	583517	1.97%	0.379%
50	15.647	2296	2311	2318	rBV	1878309	3700812	12.52%	2.402%

Sum of corrected areas: 154103805

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Acq On : 28 Dec 2022 18:32
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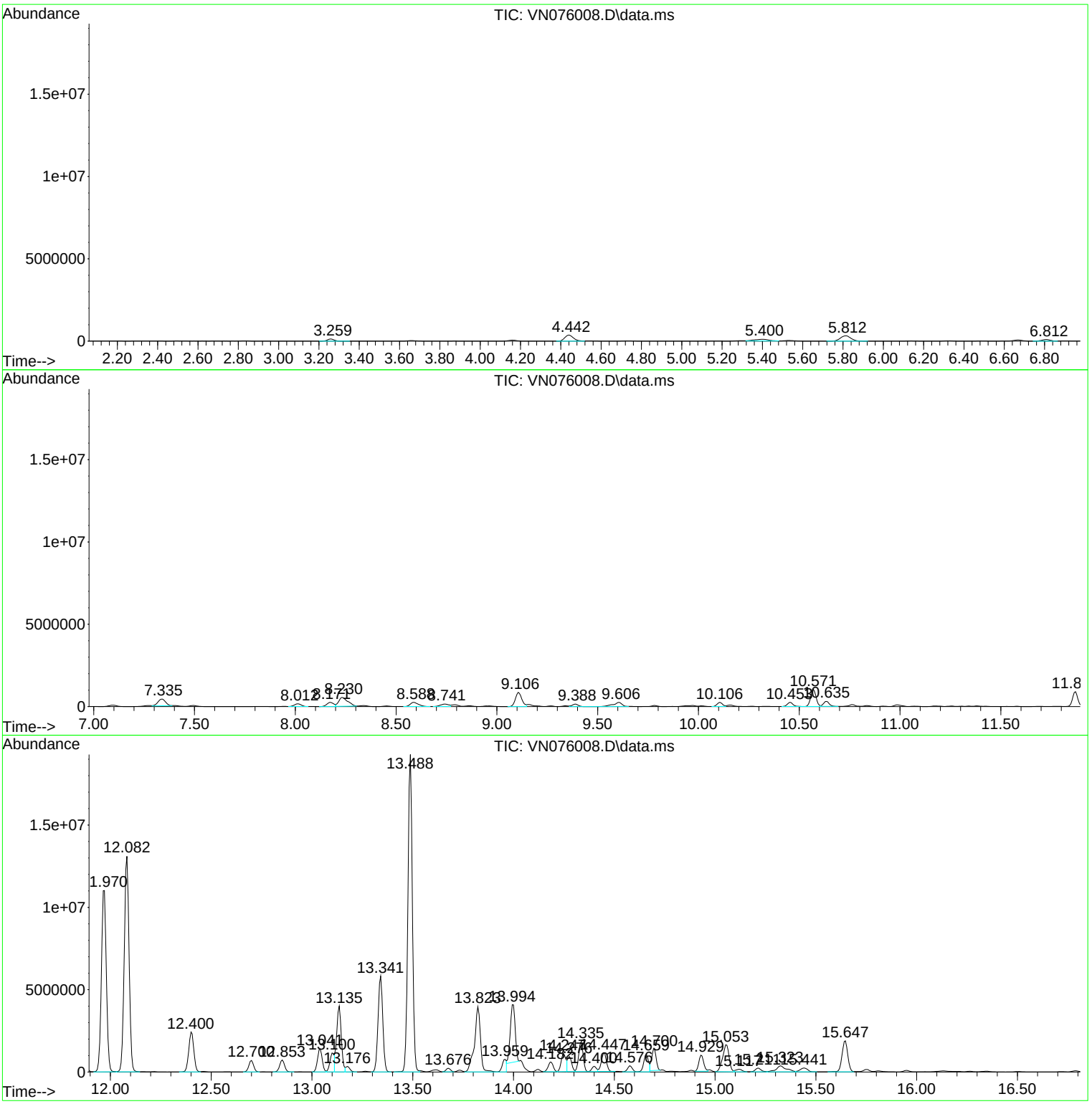
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

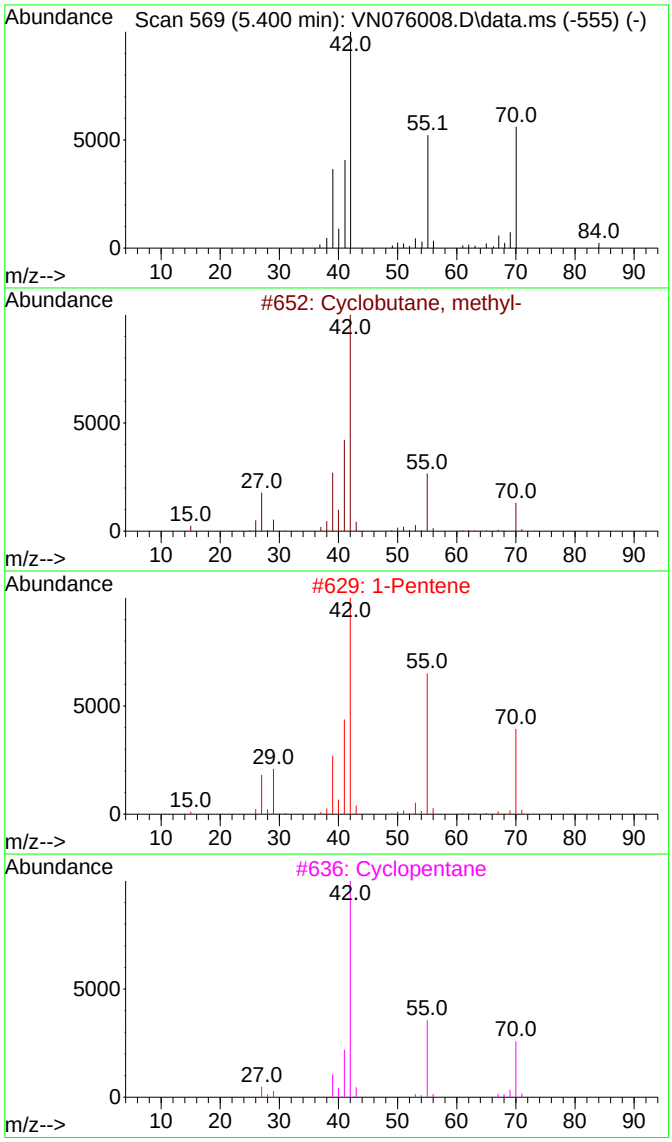
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

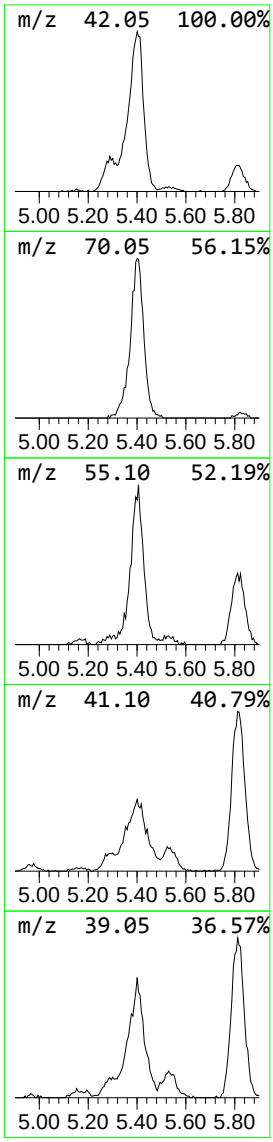
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclobutane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.400	15.11 ug/l	495045	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	1-Pentene	70	C5H10	000109-67-1	78
3	Cyclopentane	70	C5H10	000287-92-3	78
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
5	2-Pentene, (E)-	70	C5H10	000646-04-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

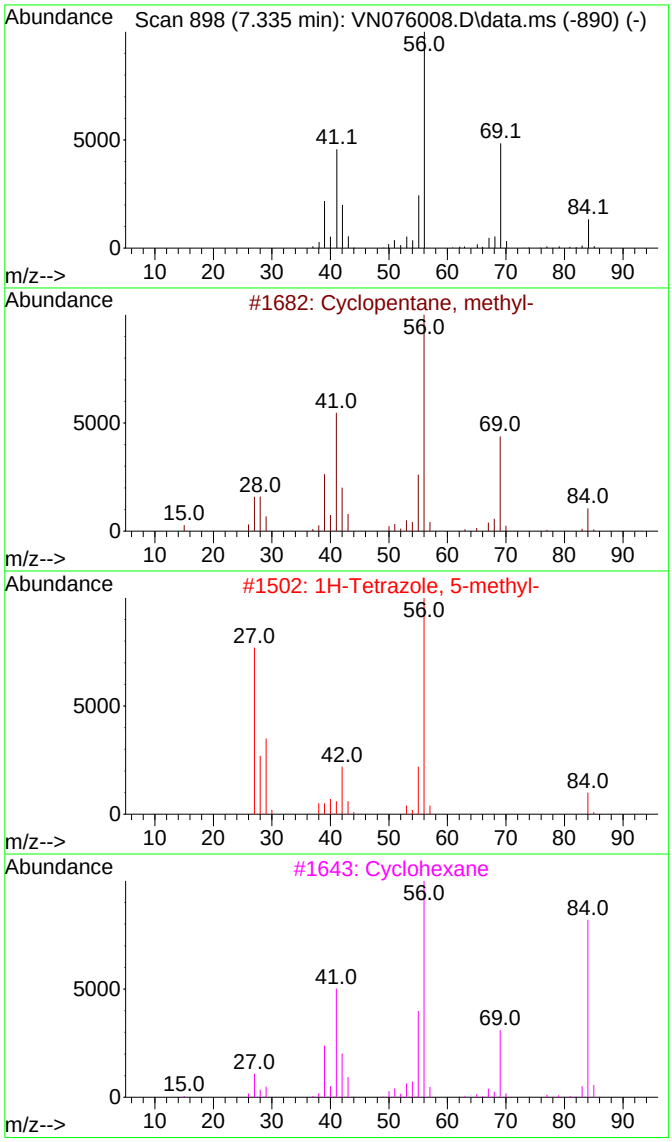
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

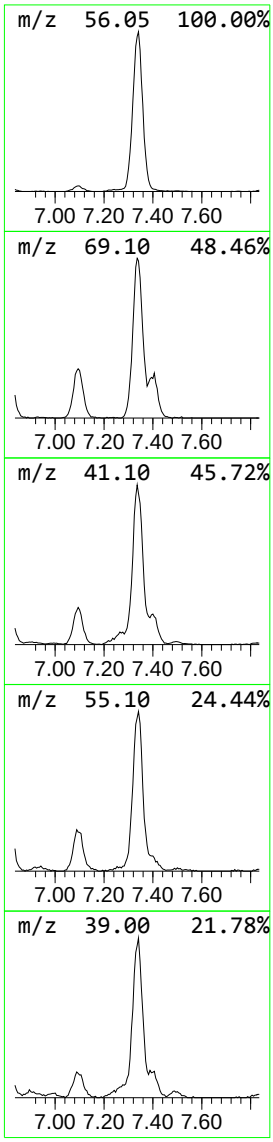
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.335	32.59 ug/l	1067910	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
5	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

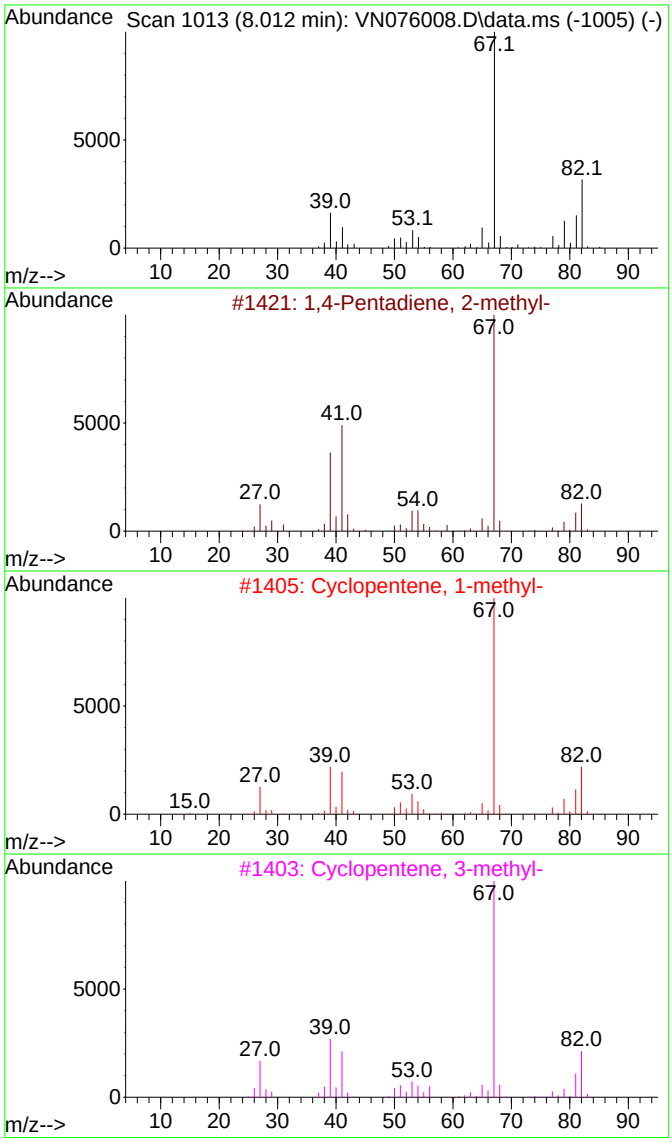
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

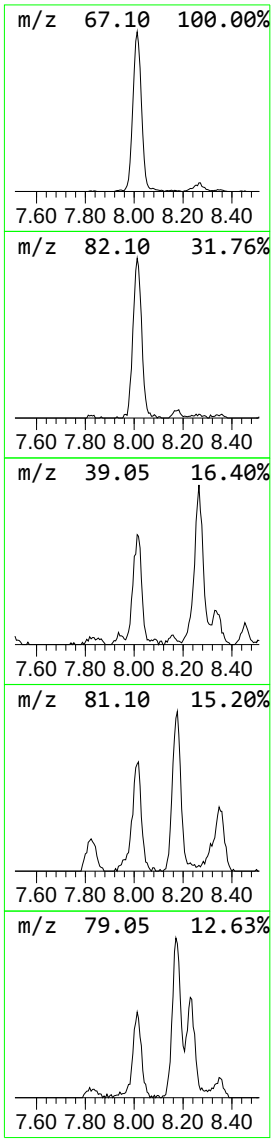
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Pentadiene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.012	12.10 ug/l	396339	Pentafluorobenzene	8.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	90
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	86
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	80
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

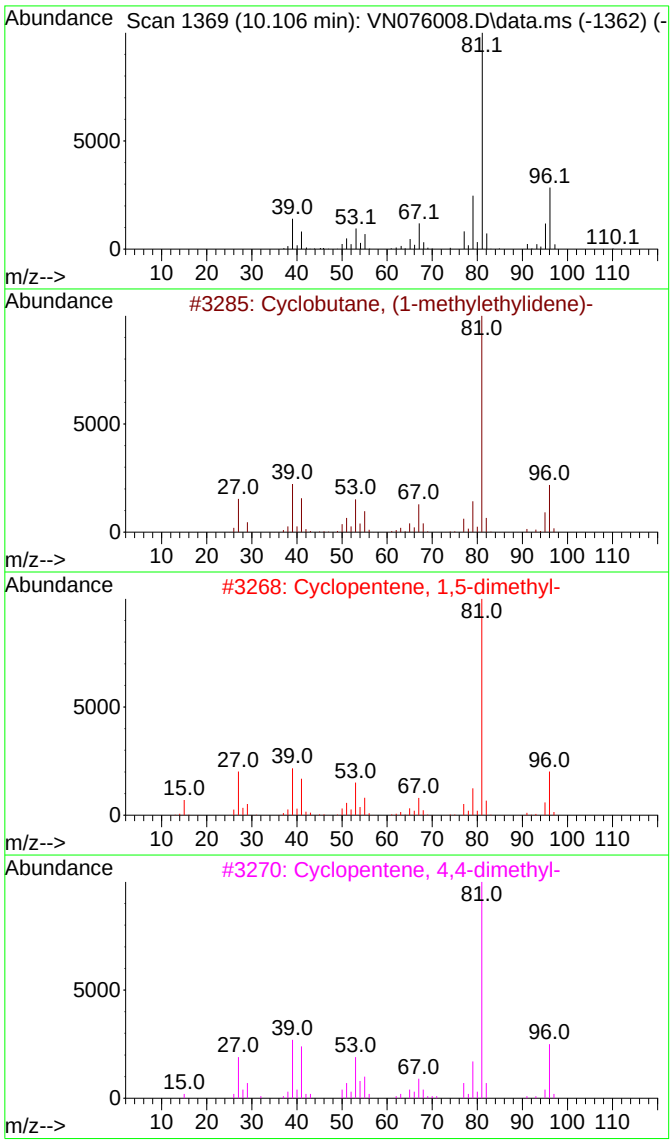
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

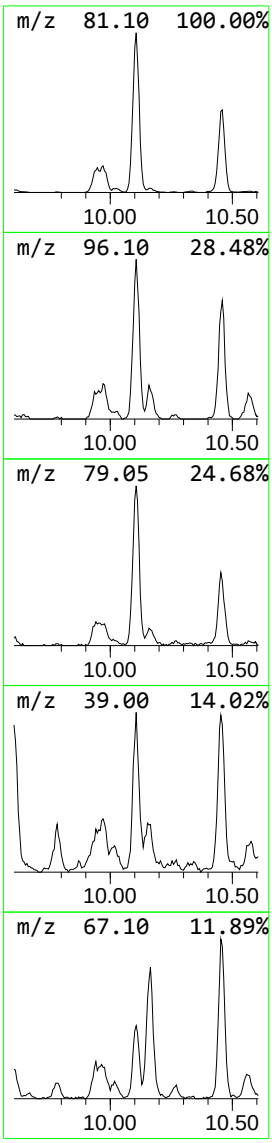
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclobutane, (1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.106	12.69 ug/l	486668	1,4-Difluorobenzene	9.106

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	86
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

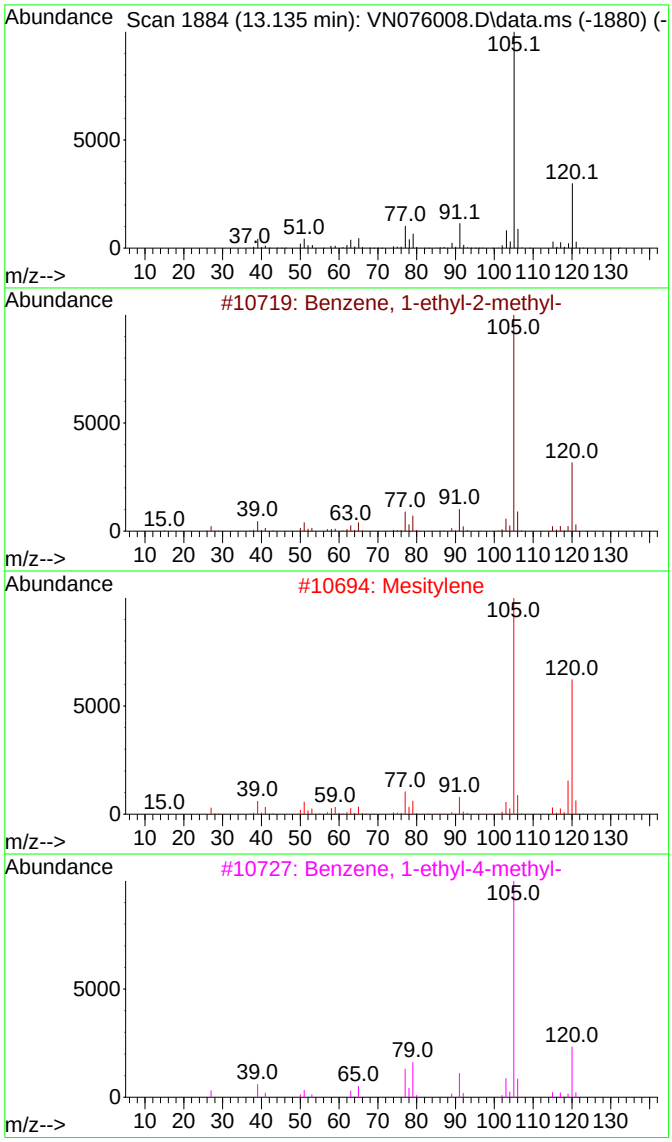
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

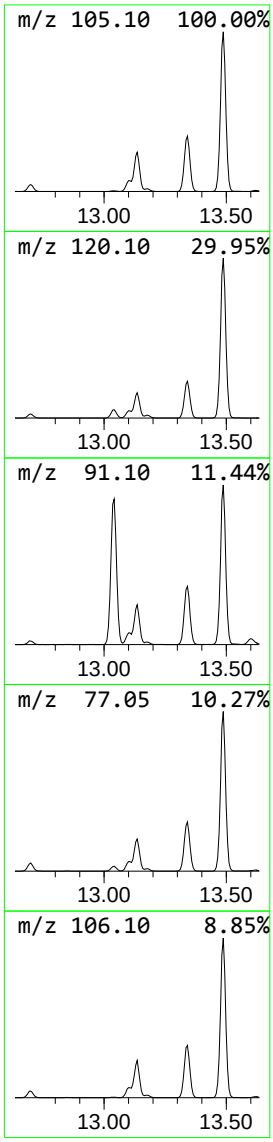
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.135	39.03 ug/l	6346620	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	Mesitylene	120	C9H12	000108-67-8	91
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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
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Operator : JC\MD
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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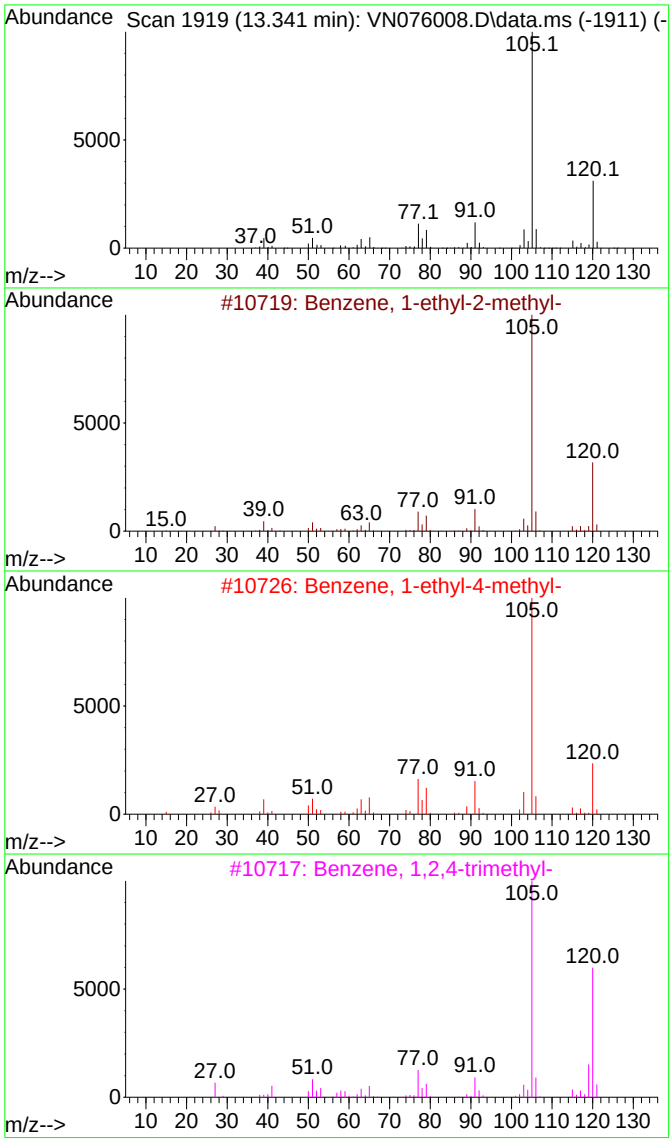
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

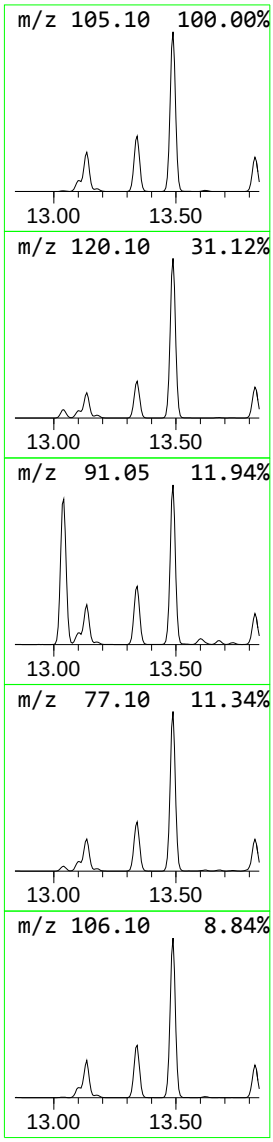
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	58.08 ug/l	9443020	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	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
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Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

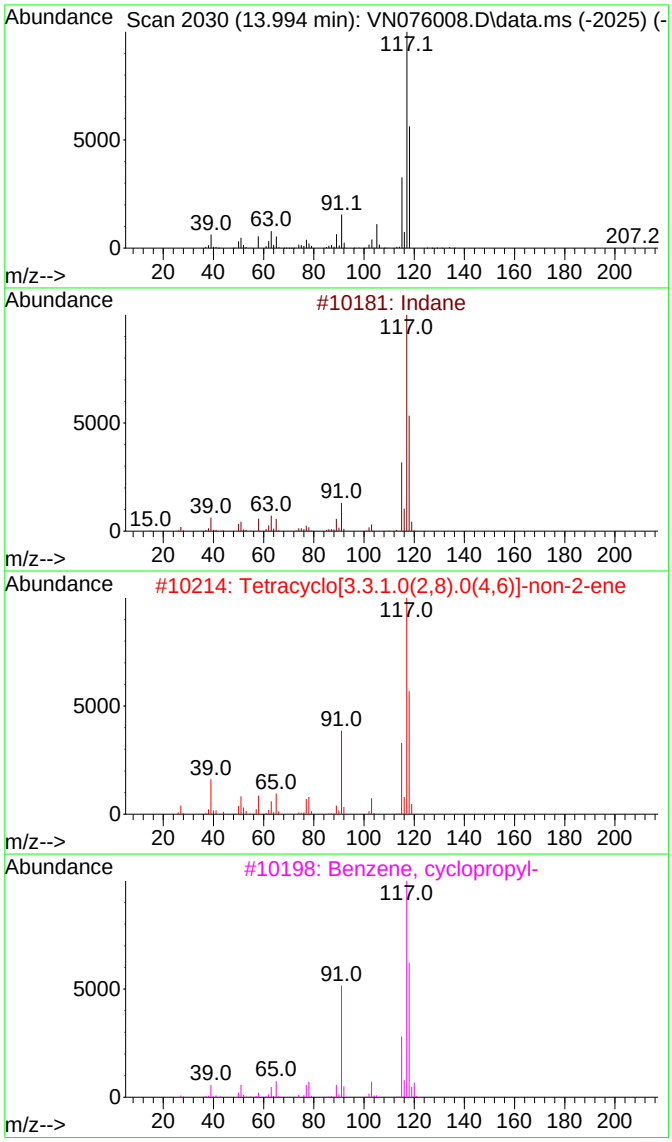
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

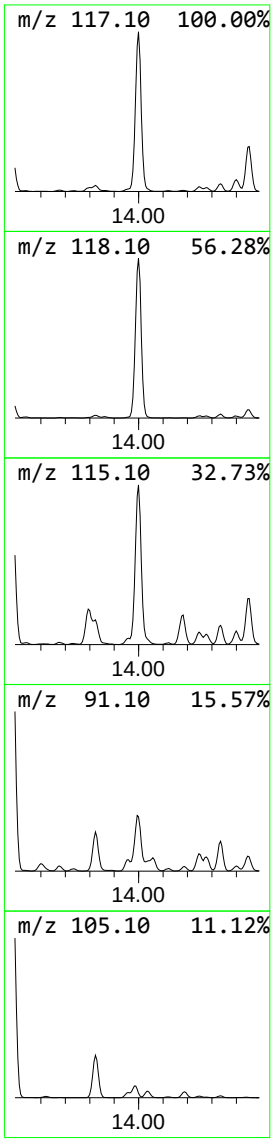
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	36.52 ug/l	5937590	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

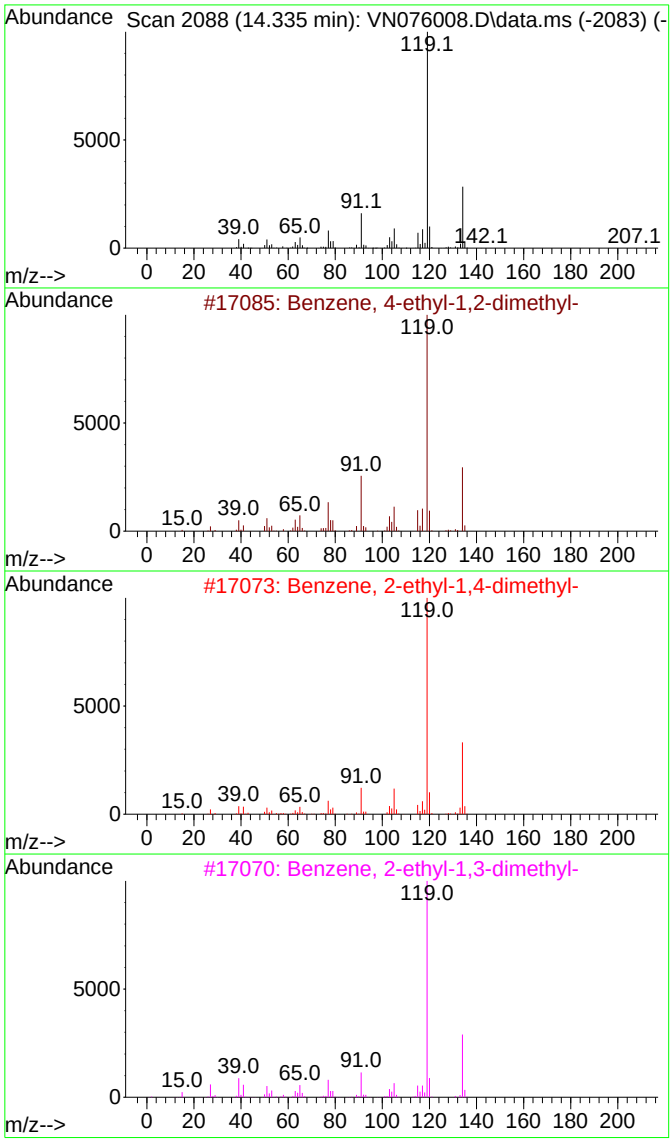
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

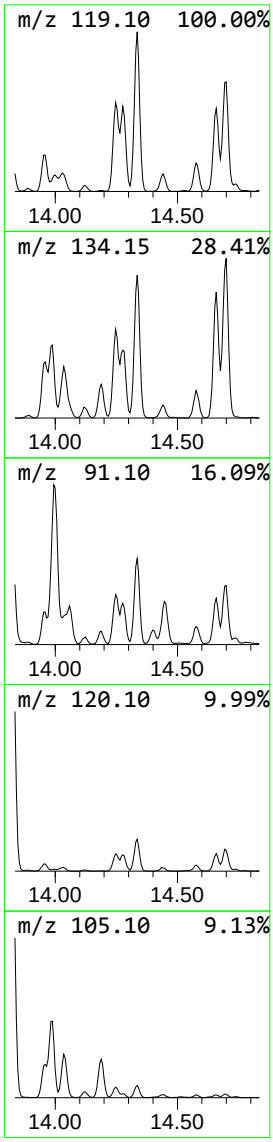
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	17.11 ug/l	2781990	1,4-Dichlorobenzene-d4	13.794

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

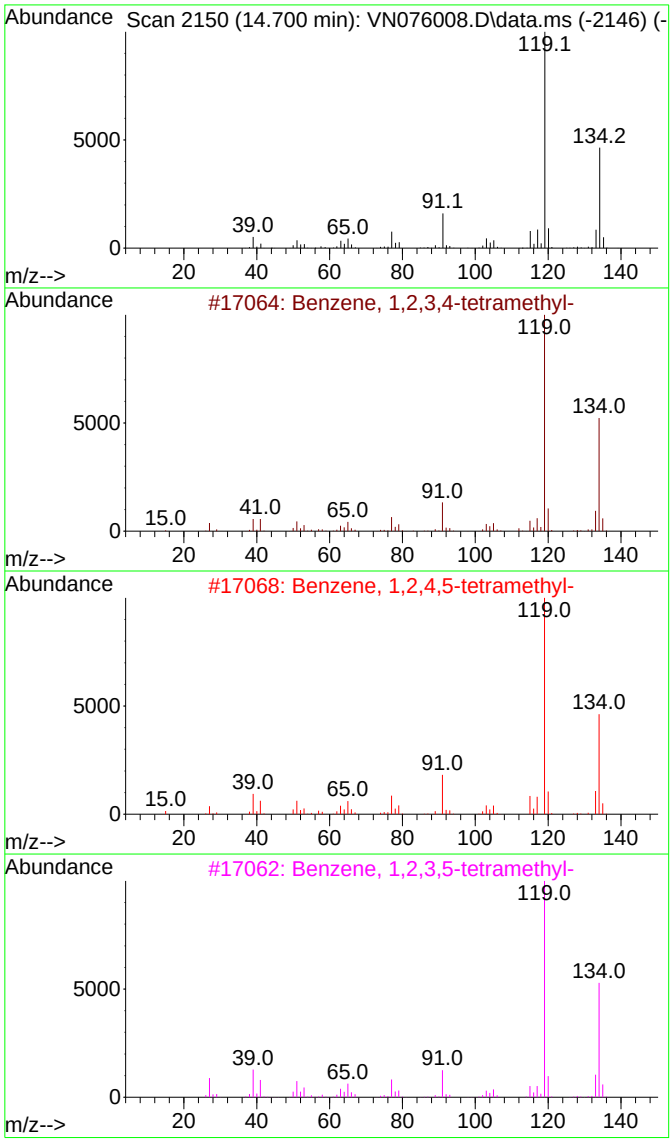
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

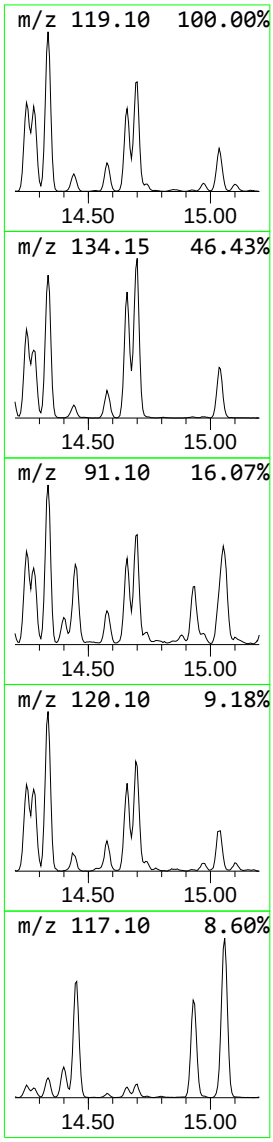
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.700	12.16 ug/l	1977600	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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

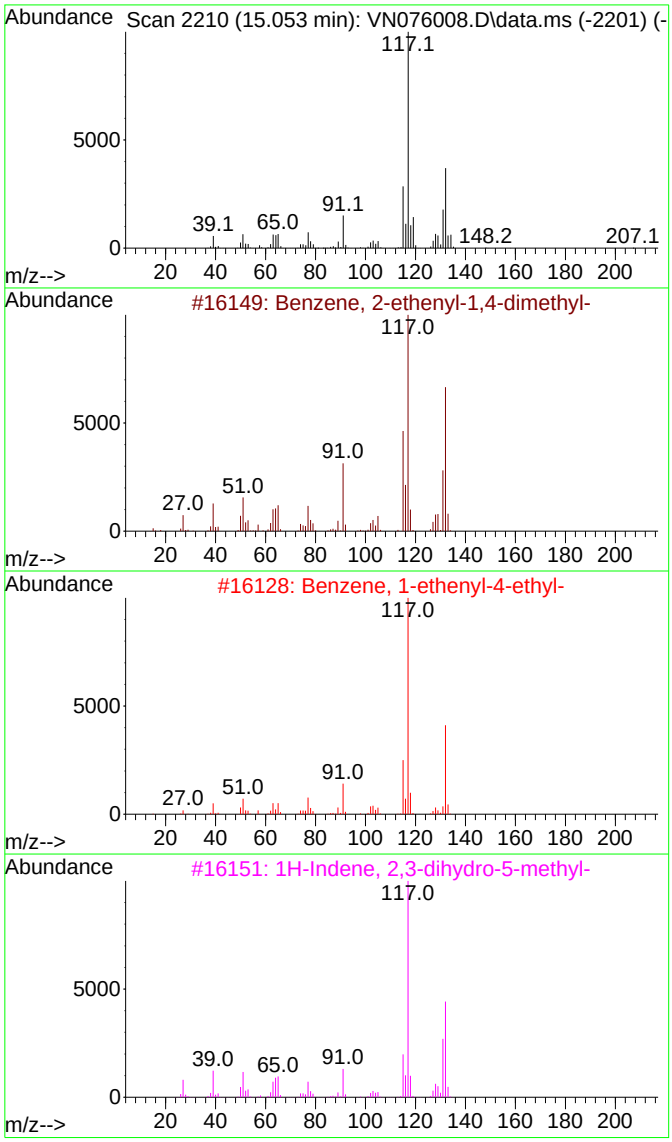
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260

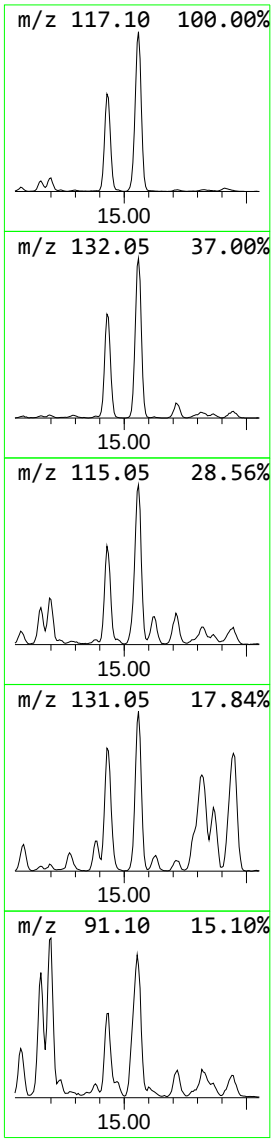
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.053	22.22 ug/l	3612610	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	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076008.D
Acq On : 28 Dec 2022 18:32
Operator : JC\MD
Sample : N6232-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.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
Cyclobutane, me...	5.400	15.1	ug/l	495045	1	8.230	1638210	50.0
Cyclopentane, m...	7.335	32.6	ug/l	1067910	1	8.230	1638210	50.0
1,4-Pentadiene,...	8.012	12.1	ug/l	396339	1	8.230	1638210	50.0
Cyclobutane, (1...	10.106	12.7	ug/l	486668	2	9.106	1917490	50.0
Benzene, 1-ethy...	13.135	39.0	ug/l	6346620	4	13.794	8129720	50.0
Benzene, 1-ethy...	13.341	58.1	ug/l	9443020	4	13.794	8129720	50.0
Indane	13.994	36.5	ug/l	5937590	4	13.794	8129720	50.0
Benzene, 4-ethy...	14.335	17.1	ug/l	2781990	4	13.794	8129720	50.0
Benzene, 1,2,3,...	14.700	12.2	ug/l	1977600	4	13.794	8129720	50.0
Benzene, 2-ethe...	15.053	22.2	ug/l	3612610	4	13.794	8129720	50.0