LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
Data File : VD069451.D
Acq On : 15 Jun 2021 20:29
Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

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_D\Method\82D061121S.M
Title : SW846 8260

Signal : TIC: VD069451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.315	58	67	75	rBV	52577	92685	3.80%	0.597%
2	4.973	504	519	533	rBV6	28433	110064	4.51%	0.709%
3	7.914	1007	1019	1024	rBV3	379200	972104	39.87%	6.262%
4	7.979	1024	1030	1041	rVB	353278	798142	32.73%	5.141%
5	8.332	1078	1090	1103	rBV	244146	535500	21.96%	3.450%
6	8.867	1172	1181	1194	rBV	590584	1207291	49.51%	7.777%
7	10.338	1422	1431	1438	rBV	827877	1503163	61.64%	9.683%
8	10.396	1438	1441	1449	rVB	23720	48895	2.01%	0.315%
9	10.520	1454	1462	1470	rVB7	14350	32081	1.32%	0.207%
10	10.873	1514	1522	1532	rBV2	412965	742087	30.43%	4.780%
11	11.426	1608	1616	1628	rVB8	20450	63845	2.62%	0.411%
12	11.526	1628	1633	1642	rBV3	18709	32971	1.35%	0.212%
13	11.643	1644	1653	1663	rBV	699283	1253114	51.39%	8.072%
14	11.738	1663	1669	1675	rBV	39205	75562	3.10%	0.487%
15	11.849	1679	1688	1698	rBV3	110350	268941	11.03%	1.732%
16	12.073	1718	1726	1731	rBV8	12618	28508	1.17%	0.184%
17	12.173	1732	1743	1752	rBV	207600	461657	18.93%	2.974%
18	12.261	1752	1758	1763	rVB3	49941	93086	3.82%	0.600%
19	12.349	1763	1773	1775	rBV8	44775	111238	4.56%	0.717%
20	12.379	1775	1778	1785	rVB4	53146	104835	4.30%	0.675%
21	12.479	1789	1795	1798	rBV6	21449	46870	1.92%	0.302%
22	12.520	1798	1802	1805	rVV5	22884	46721	1.92%	0.301%
23	12.549	1805	1807	1810	rVV3	33063	51735	2.12%	0.333%
24	12.626	1814	1820	1830	rVB	1416247	2438464	100.00%	15.708%
25	12.790	1843	1848	1856	rVB6	62209	152284	6.25%	0.981%
26	12.879	1856	1863	1865	rBV3	80637	148708	6.10%	0.958%
27	12.943	1865	1874	1882	rVV2	331841	697627	28.61%	4.494%
28	13.114	1895	1903	1909	rBV2	72229	214974	8.82%	1.385%
29	13.179	1909	1914	1921	rVB2	92270	165550	6.79%	1.066%
30	13.308	1932	1936	1941	rBV5	38766	52038	2.13%	0.335%
31	13.390	1947	1950	1953	rBV4	18651	26103	1.07%	0.168%
32	13.455	1957	1961	1965	rVV5	75640	145662	5.97%	0.938%
33	13.502	1965	1969	1975	rVV3	124981	263372	10.80%	1.697%
34	13.567	1975	1980	1989	rVV3	363592	797575	32.71%	5.138%
35	13.637	1990	1992	1999	rVB5	44055	54903	2.25%	0.354%
36	13.767	2010	2014	2017	rBV2	40406	56950	2.34%	0.367%

LSC Area Percent Report

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Data File : VD069451.D
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Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Title : SW846 8260

37	13.802	2017	2020	2027	rVB4	48416	81375	3.34%	0.524%
38	13.885	2027	2034	2040	rBV2	505070	866508	35.53%	5.582%
39	14.096	2065	2070	2077	rVB4	76734	162668	6.67%	1.048%
40	14.220	2086	2091	2097	rBV5	40513	66927	2.74%	0.431%
41	14.273	2097	2100	2107	rVB8	23296	47116	1.93%	0.304%
42	14.355	2109	2114	2116	rBV6	15737	30681	1.26%	0.198%
43	14.402	2118	2122	2124	rBV5	30593	40978	1.68%	0.264%
44	14.514	2137	2141	2144	rBV5	25426	36736	1.51%	0.237%
45	14.555	2145	2148	2154	rVB7	25754	46370	1.90%	0.299%
46	14.743	2176	2180	2186	rVB3	35283	52780	2.16%	0.340%
47	14.808	2186	2191	2192	rBV4	43002	56442	2.31%	0.364%
48	14.873	2197	2202	2208	rVB10	22052	49267	2.02%	0.317%
49	15.084	2233	2238	2243	rVB9	20965	34971	1.43%	0.225%
50	15.196	2253	2257	2263	rVB8	14638	26481	1.09%	0.171%
51	16.673	2502	2508	2515	rBV8	12296	29093	1.19%	0.187%

Sum of corrected areas: 15523698

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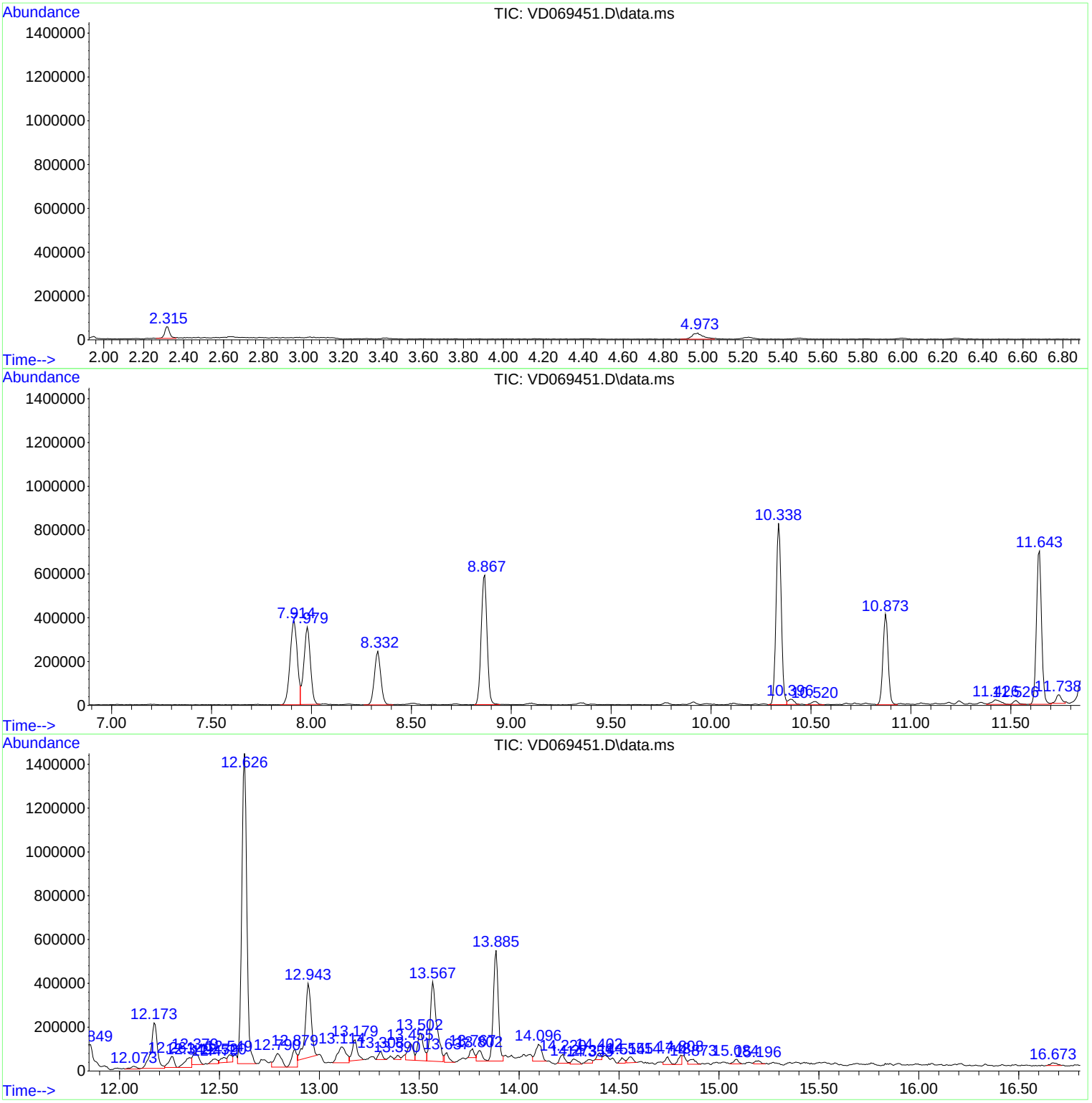
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
Data File : VD069451.D
Acq On : 15 Jun 2021 20:29
Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

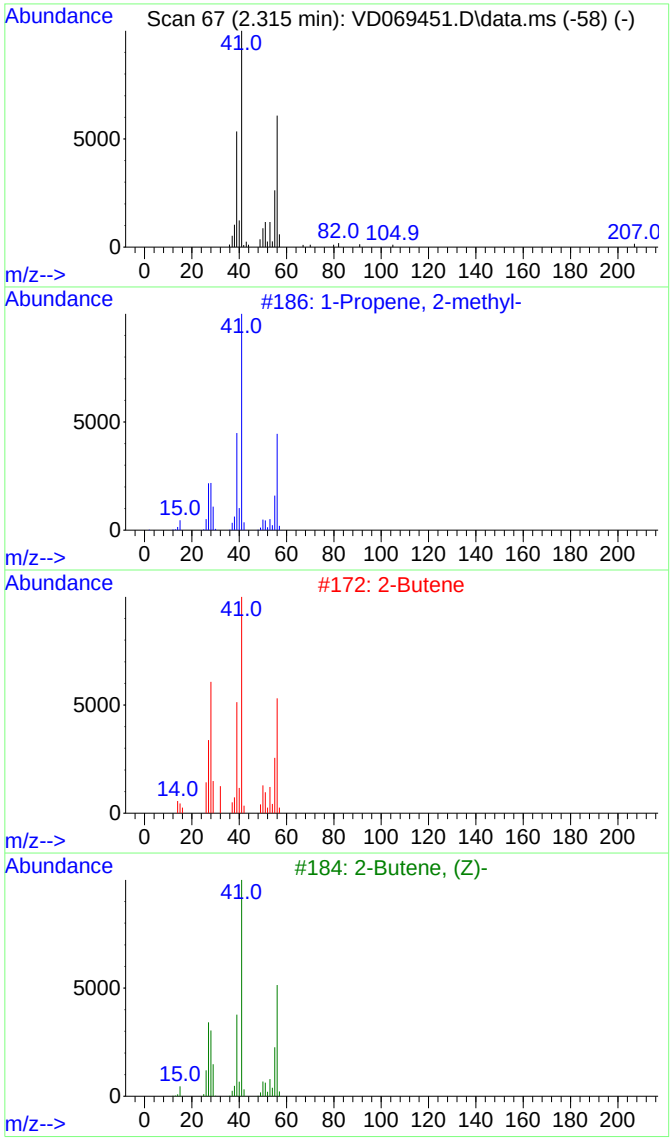
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

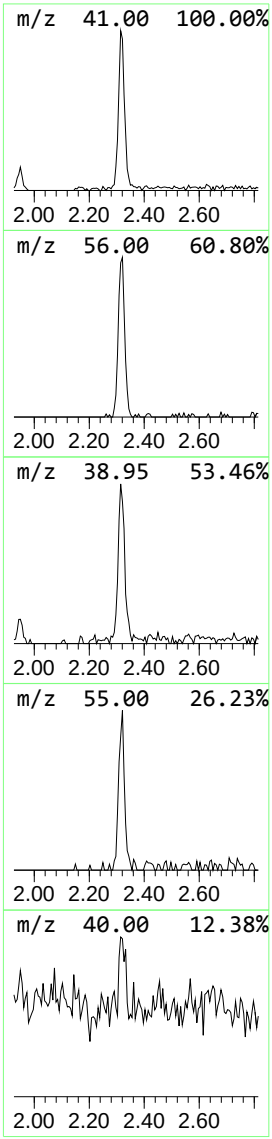
****

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.315	5.81 ug/l	92685	Pentafluorobenzene	7.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2	2-Butene	56	C4H8	000107-01-7	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	72
4	1-Butene	56	C4H8	000106-98-9	43
5	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	39





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
Data File : VD069451.D
Acq On : 15 Jun 2021 20:29
Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

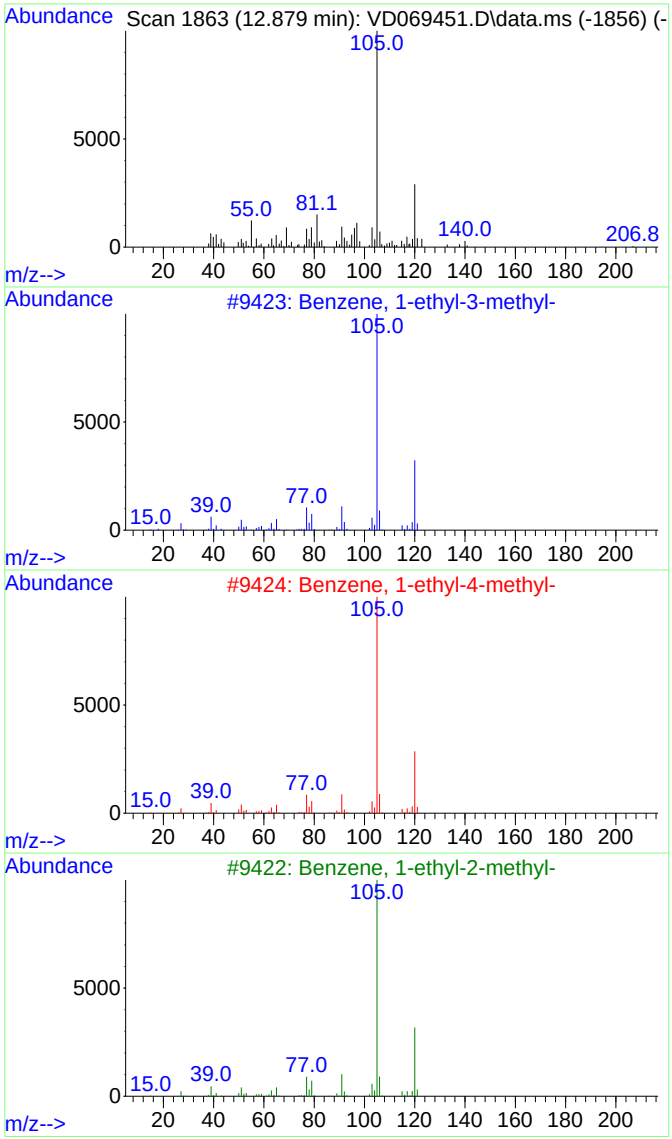
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

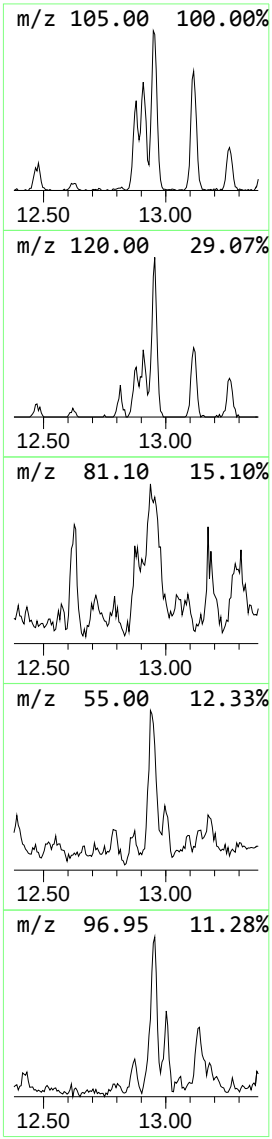
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	9.32 ug/l	148708	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
5	Mesitylene	120	C9H12	000108-67-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
Data File : VD069451.D
Acq On : 15 Jun 2021 20:29
Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

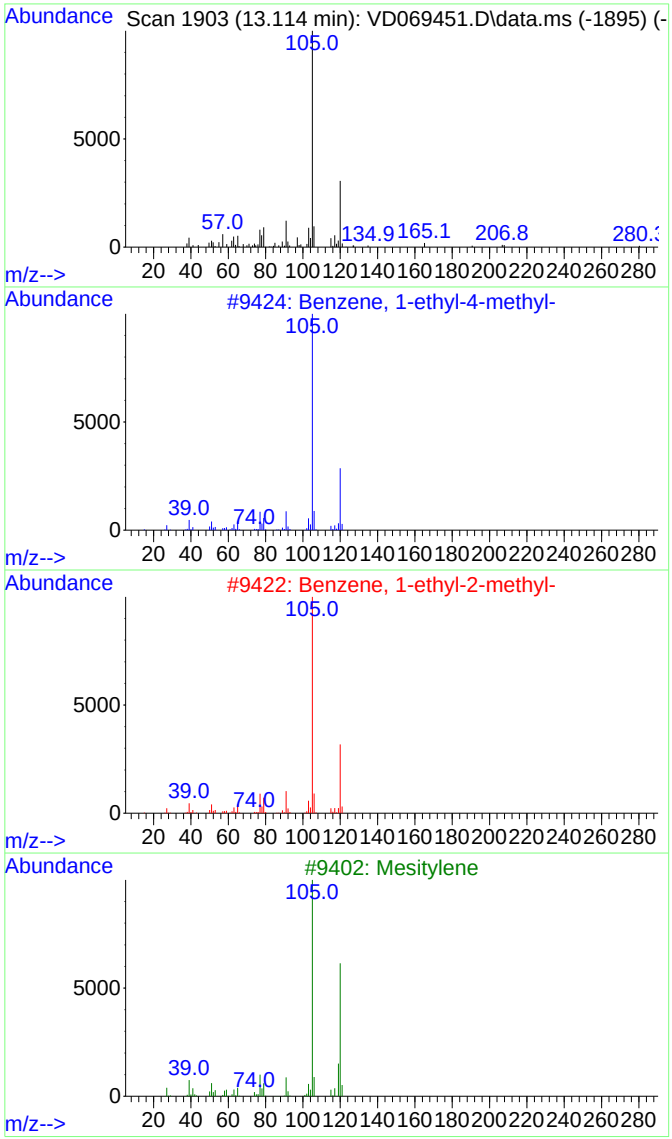
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

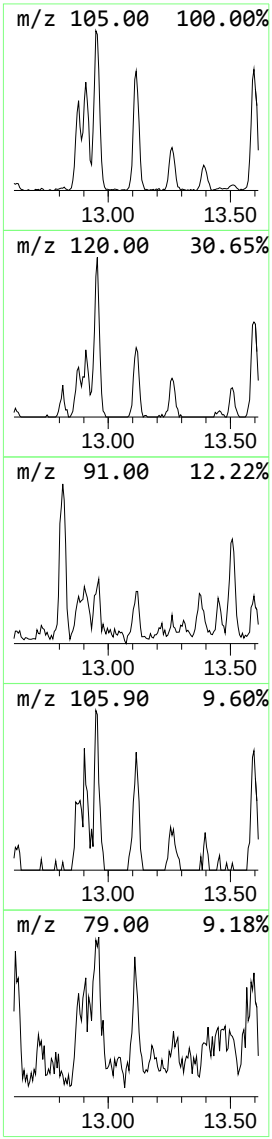
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.114	13.48 ug/l	214974	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
Data File : VD069451.D
Acq On : 15 Jun 2021 20:29
Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

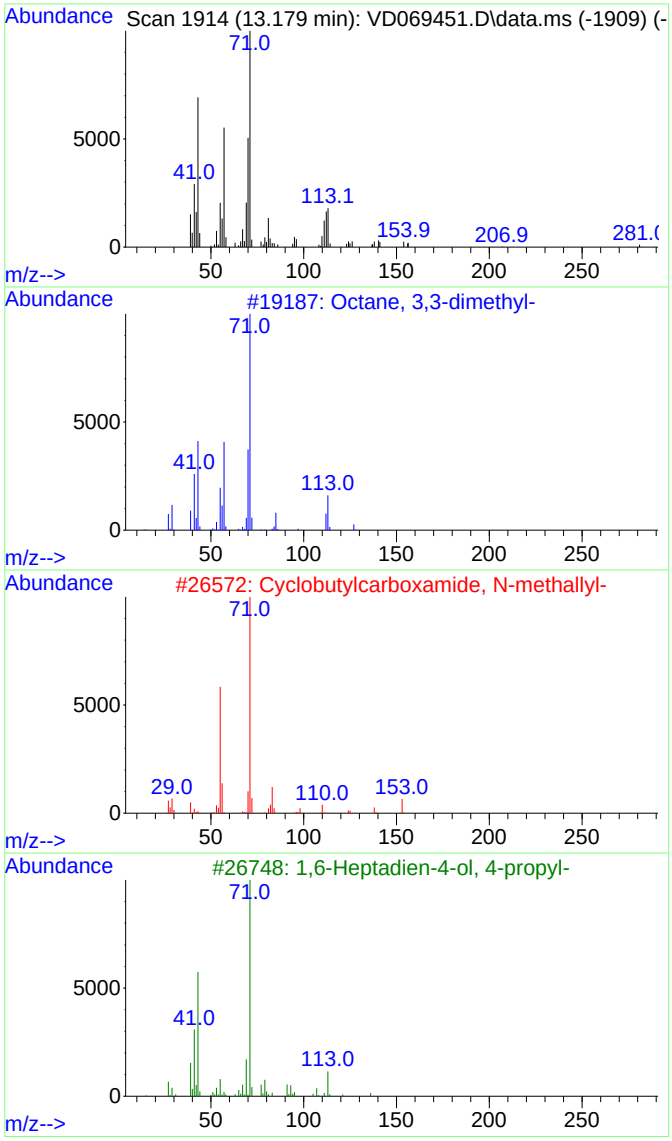
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

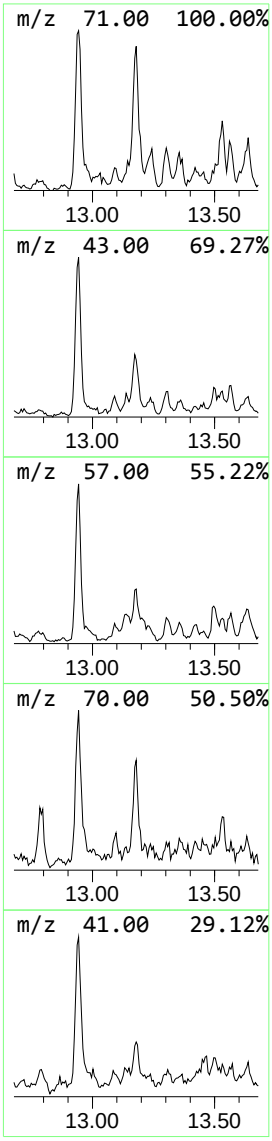
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octane, 3,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.179	10.38 ug/l	165550	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64
2	Cyclobutylcarboxamide, N-methallyl-	153	C9H15NO	1000340-37-0	43
3	1,6-Heptadien-4-ol, 4-propyl-	154	C10H18O	052939-61-4	43
4	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	38
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38





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Data File : VD069451.D
Acq On : 15 Jun 2021 20:29
Operator : VA/SY
Sample : M2710-04
Misc : 7.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WC-1A

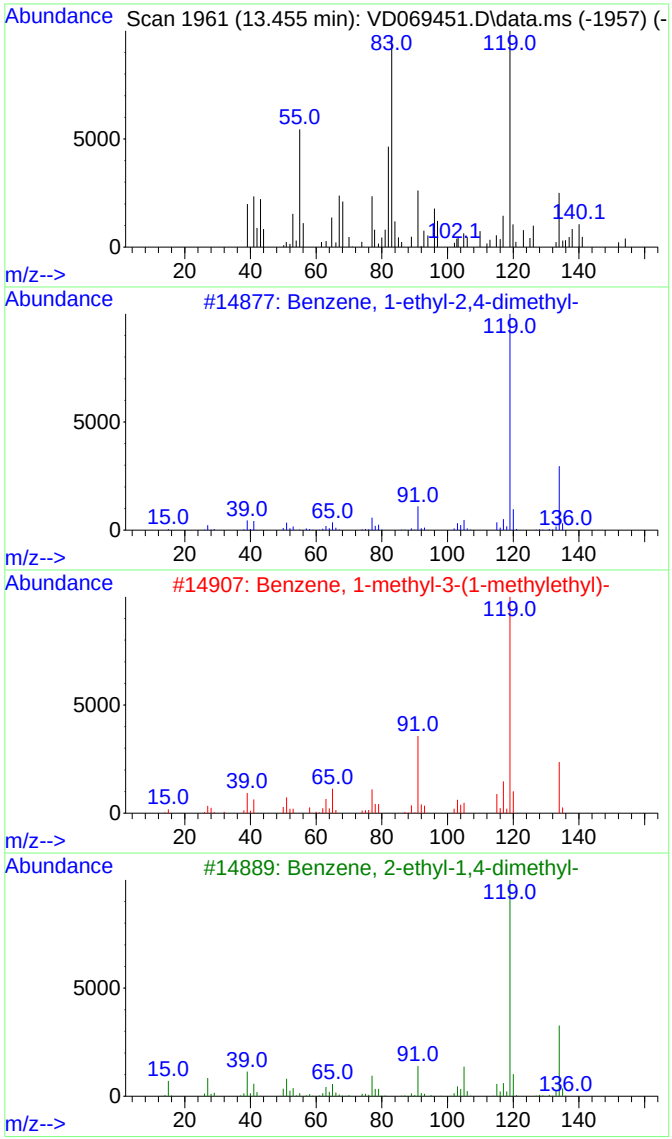
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260

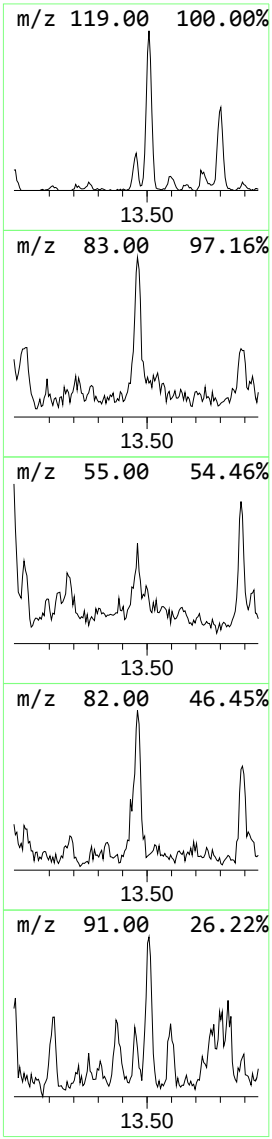
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown13.455 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	9.13 ug/l	145662	1,4-Dichlorobenzene-d4	13.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	42
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	42
4	o-Cymene	134	C10H14	000527-84-4	42
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_D
ClientSampleId : WC-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.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
1-Propene, 2-me...	2.315	5.8	ug/l	92685	1	7.979	798142	50.0
Benzene, 1-ethy...	12.879	9.3	ug/l	148708	4	13.567	797575	50.0
Benzene, 1-ethy...	13.114	13.5	ug/l	214974	4	13.567	797575	50.0
Octane, 3,3-dim...	13.179	10.4	ug/l	165550	4	13.567	797575	50.0
unknown13.455	13.455	9.1	ug/l	145662	4	13.567	797575	50.0