LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

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_Y\methods\82Y011322S.M
Title : SW846 8260

Signal : TIC: VY007292.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.978	841	846	849	rBV2	1789	3558	1.15%	0.140%
2	7.722	959	968	973	rBV2	18688	45651	14.78%	1.795%
3	7.789	973	979	989	rVB2	33977	74389	24.08%	2.925%
4	8.142	1024	1037	1048	rBV3	19120	44797	14.50%	1.762%
5	8.691	1119	1127	1136	rBV	51208	99824	32.31%	3.926%
6	10.179	1364	1371	1378	rBV	78955	135950	44.01%	5.346%
7	10.240	1378	1381	1388	rVB	4603	7731	2.50%	0.304%
8	10.575	1431	1436	1443	rVB2	5028	8924	2.89%	0.351%
9	11.087	1516	1520	1527	rVB3	2291	3750	1.21%	0.147%
10	11.288	1547	1553	1554	rBV2	2601	4553	1.47%	0.179%
11	11.319	1554	1558	1564	rVB3	4214	7400	2.40%	0.291%
12	11.380	1564	1568	1573	rBV3	2044	3556	1.15%	0.140%
13	11.489	1580	1586	1596	rVB	71138	116140	37.59%	4.567%
14	11.593	1596	1603	1611	rVV	42722	69874	22.62%	2.748%
15	11.697	1613	1620	1631	rVV	145230	269160	87.13%	10.585%
16	11.782	1631	1634	1639	rVB3	2155	3187	1.03%	0.125%
17	12.026	1663	1674	1682	rBV	62345	111469	36.08%	4.384%
18	12.123	1686	1690	1694	rVB2	3482	5119	1.66%	0.201%
19	12.203	1694	1703	1706	rBV6	6064	13366	4.33%	0.526%
20	12.245	1706	1710	1719	rVB6	6033	12652	4.10%	0.498%
21	12.331	1719	1724	1728	rBV2	14377	23041	7.46%	0.906%
22	12.483	1744	1749	1758	rVB2	62177	106683	34.53%	4.195%
23	12.672	1769	1780	1784	rVB	29837	55999	18.13%	2.202%
24	12.733	1784	1790	1793	rBV	123451	189049	61.19%	7.435%
25	12.764	1793	1795	1799	rVV	53013	81262	26.30%	3.196%
26	12.812	1799	1803	1809	rVB	86864	139049	45.01%	5.468%
27	12.971	1821	1829	1836	rBV	40528	72944	23.61%	2.869%
28	13.038	1836	1840	1846	rVV3	8661	13924	4.51%	0.548%
29	13.117	1847	1853	1859	rVV	198665	308933	100.00%	12.149%
30	13.178	1859	1863	1867	rVB8	3189	5891	1.91%	0.232%
31	13.251	1868	1875	1879	rBV5	5161	9478	3.07%	0.373%
32	13.312	1879	1885	1889	rVV6	9480	18032	5.84%	0.709%
33	13.367	1891	1894	1897	rVB4	6088	8093	2.62%	0.318%
34	13.422	1897	1903	1906	rBV	59265	94151	30.48%	3.703%
35	13.459	1906	1909	1914	rVB	46298	65703	21.27%	2.584%
36	13.593	1923	1931	1933	rBV	17409	28801	9.32%	1.133%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

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_Y\methods\82Y011322S.M
Title : SW846 8260

37	13.623	1933	1936	1940	rVV2	39720	63027	20.40%	2.479%
38	13.666	1940	1943	1952	rVV3	22382	40415	13.08%	1.589%
39	13.751	1952	1957	1962	rVV2	15416	24617	7.97%	0.968%
40	13.812	1962	1967	1974	rVV4	8239	20259	6.56%	0.797%
41	13.885	1974	1979	1982	rVV2	8948	16067	5.20%	0.632%
42	13.916	1982	1984	1988	rVV	10046	11861	3.84%	0.466%
43	13.971	1988	1993	1998	rVB2	21992	33816	10.95%	1.330%
44	14.080	2005	2011	2016	rBV3	7911	10953	3.55%	0.431%
45	14.215	2027	2033	2036	rBV5	2400	4371	1.41%	0.172%
46	14.257	2036	2040	2043	rVV5	3019	5961	1.93%	0.234%
47	14.294	2043	2046	2049	rVV3	4718	7405	2.40%	0.291%
48	14.336	2049	2053	2057	rVB	6045	8399	2.72%	0.330%
49	14.611	2094	2098	2102	rVB5	2363	3094	1.00%	0.122%
50	14.672	2102	2108	2114	rBV3	7507	12337	3.99%	0.485%
51	15.233	2195	2200	2208	rVB	10431	18163	5.88%	0.714%

Sum of corrected areas: 2542828

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
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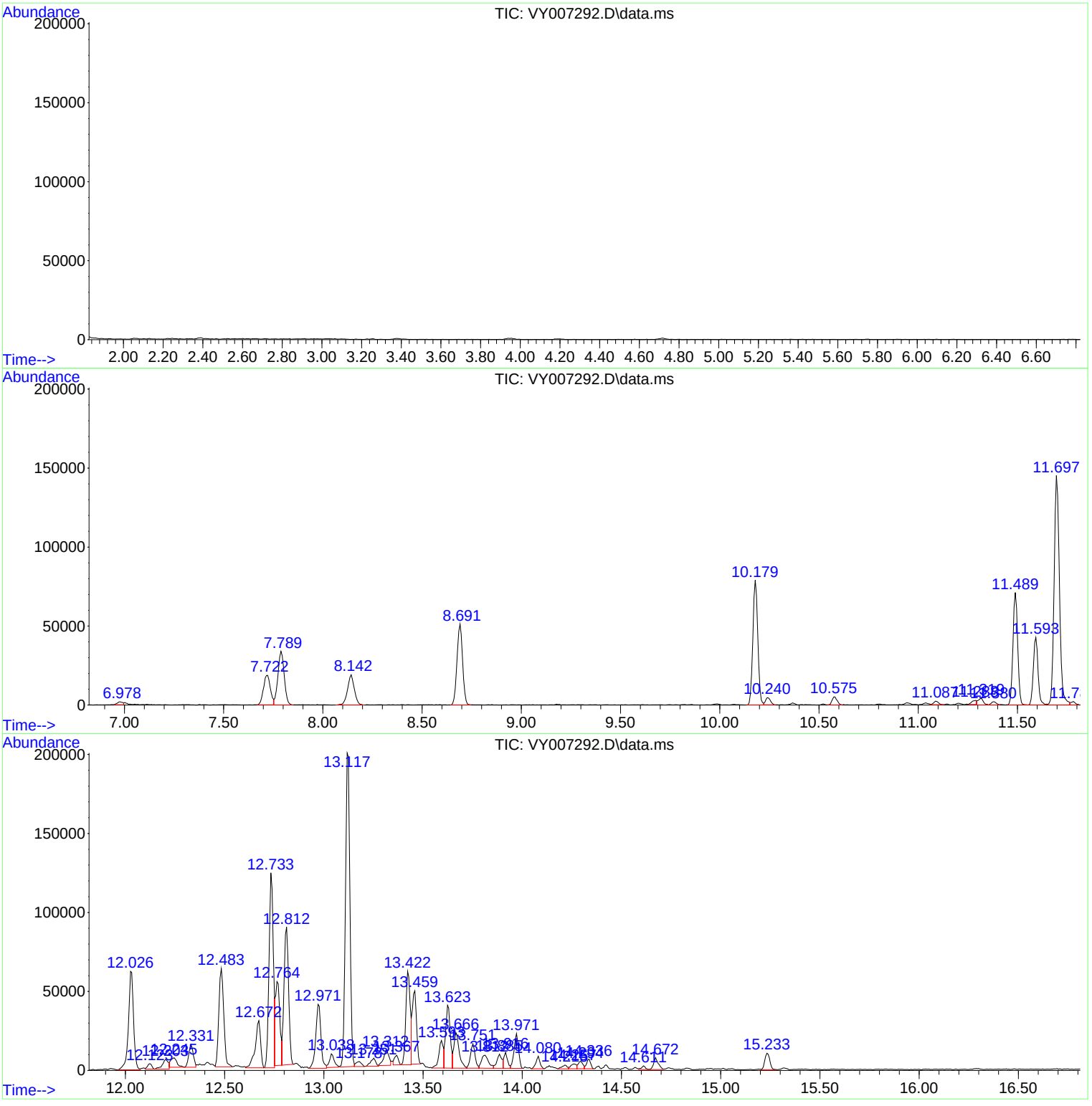
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

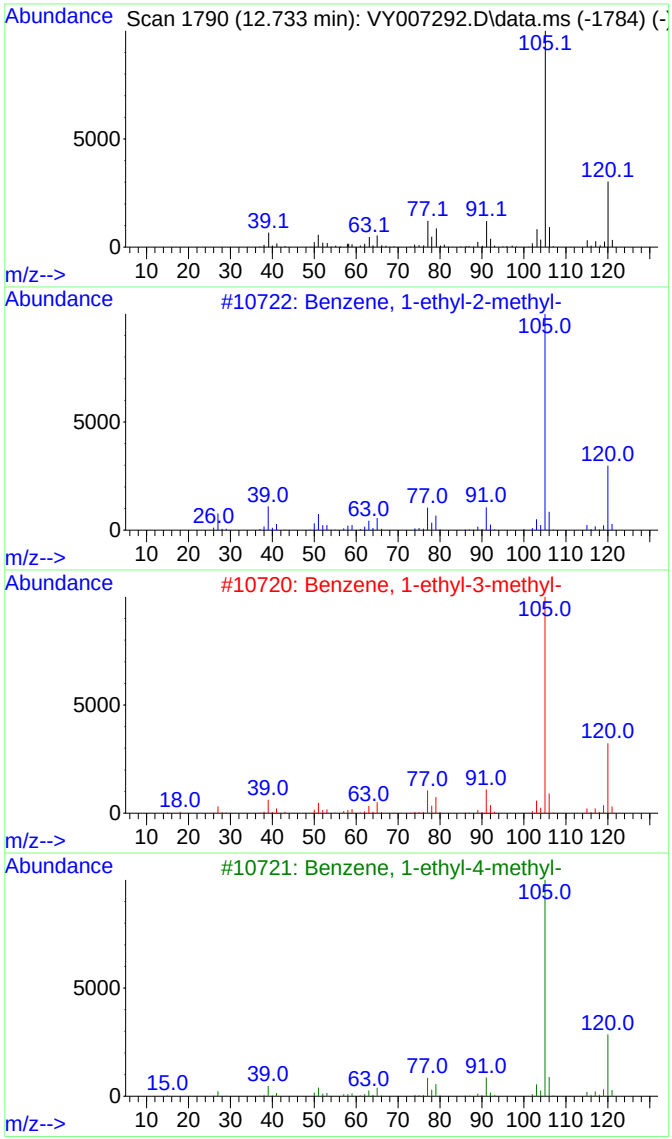
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

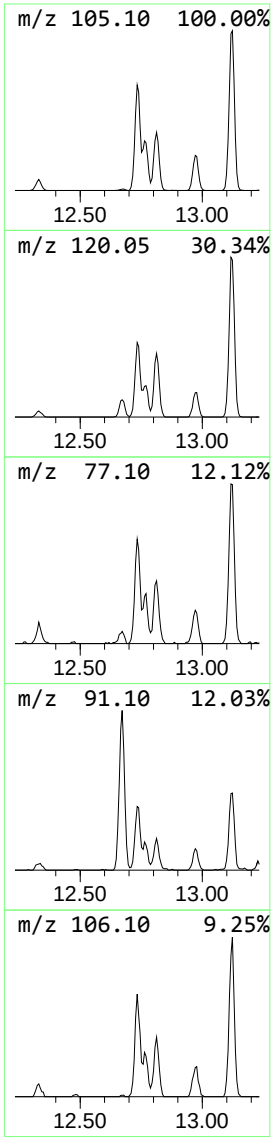
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	100.40 ug/l	189049	1,4-Dichlorobenzene-d4	13.428

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	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_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

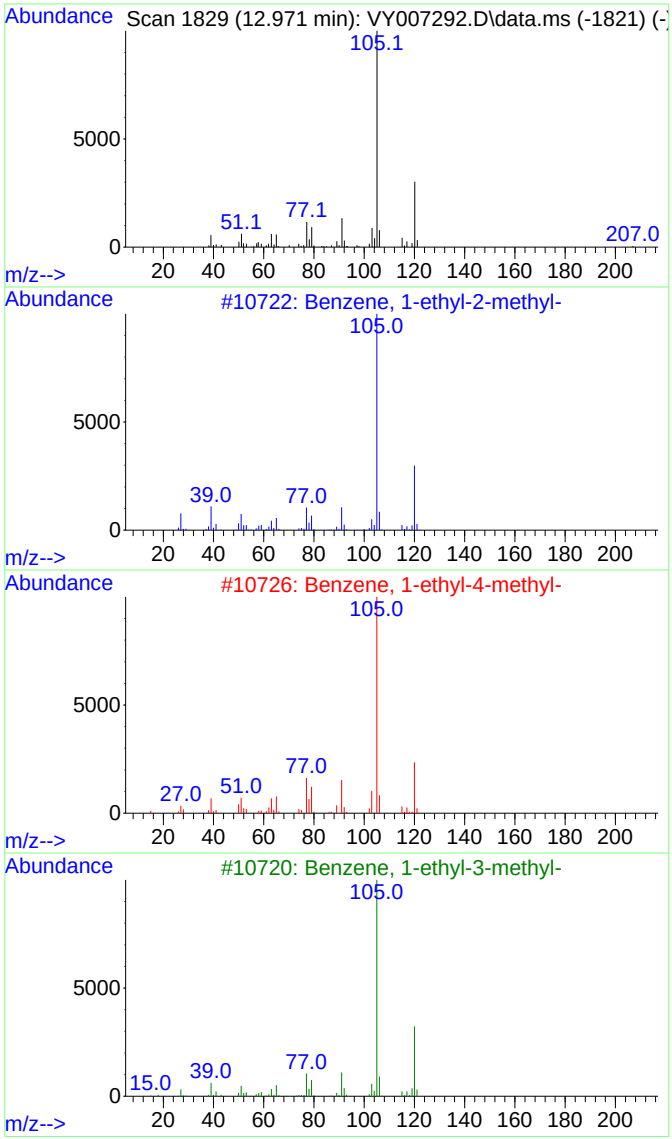
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

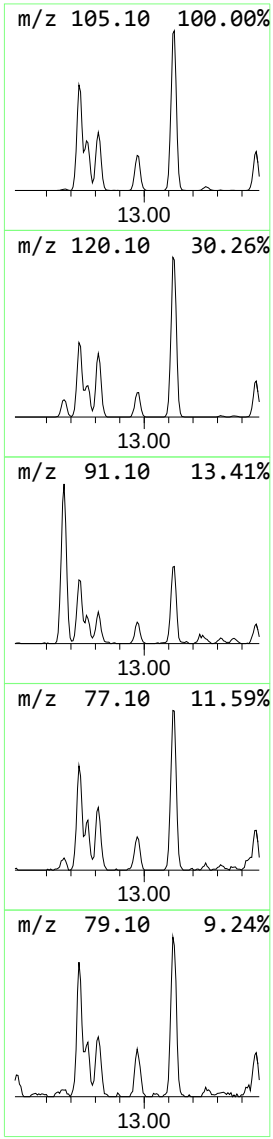
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	38.74 ug/l	72944	1,4-Dichlorobenzene-d4	13.428

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-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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

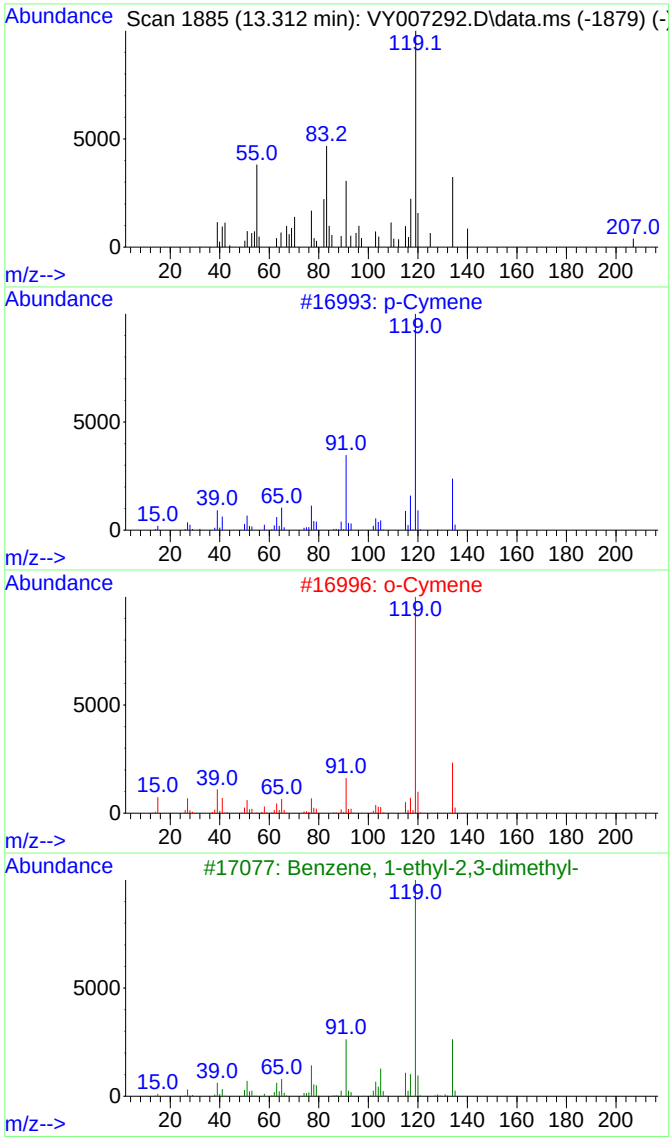
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

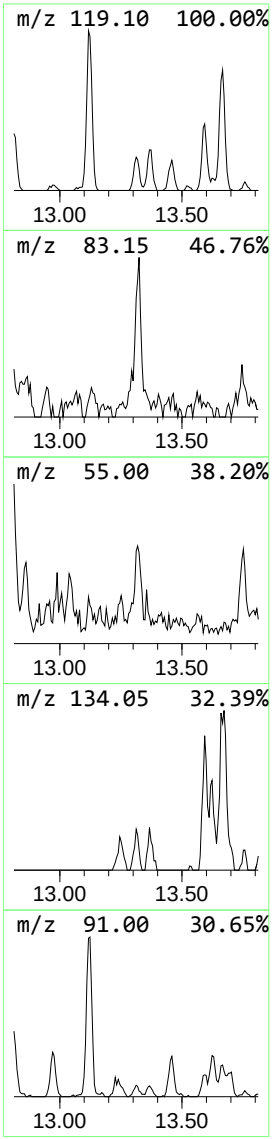
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown13.312 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.312	9.58 ug/l	18032	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	49
2	o-Cymene	134	C10H14	000527-84-4	45
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

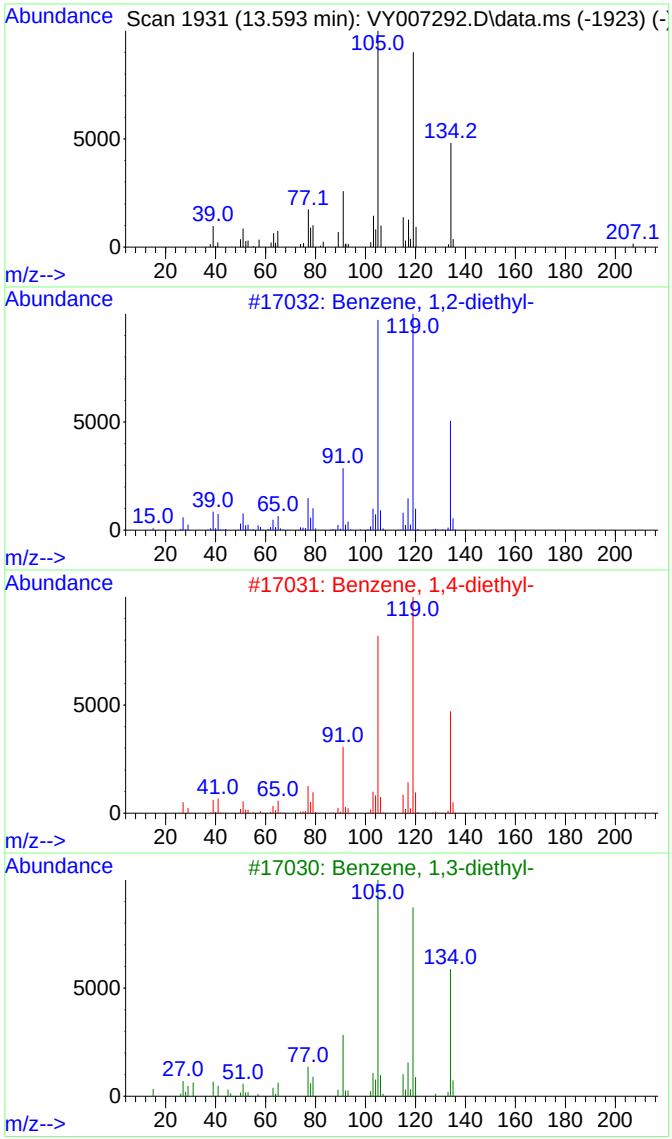
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

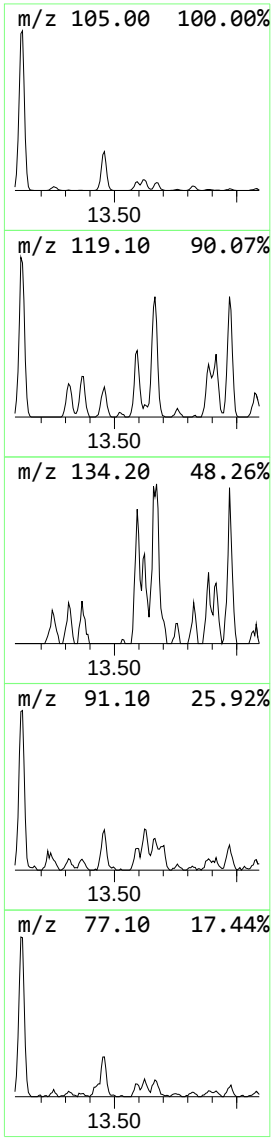
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.593	15.30 ug/l	28801	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

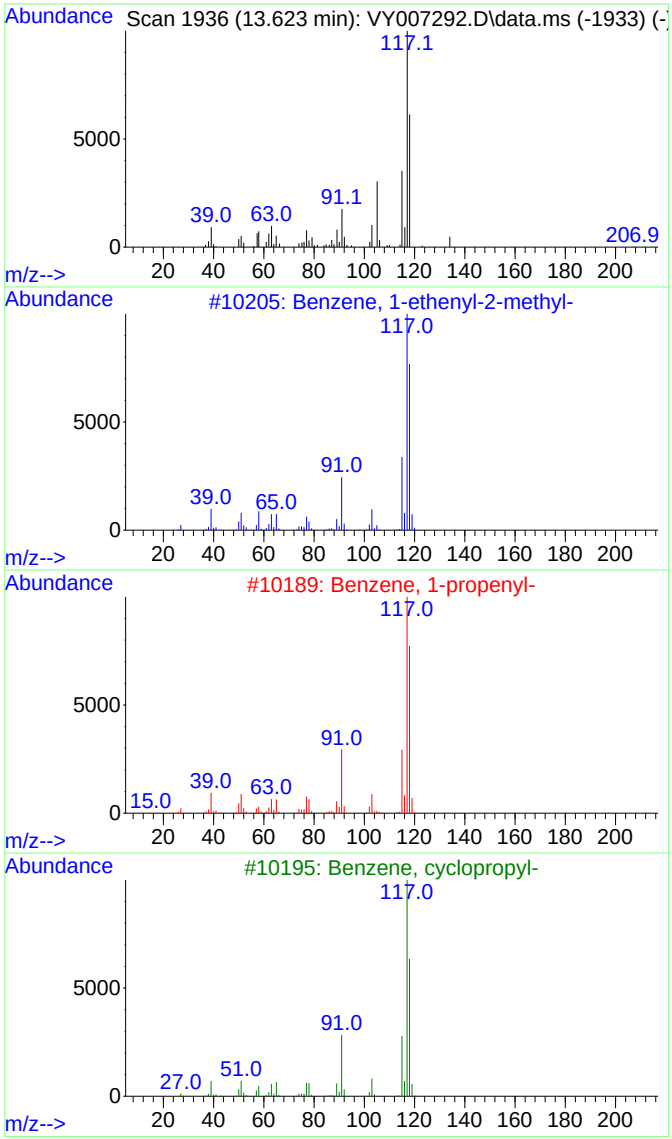
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

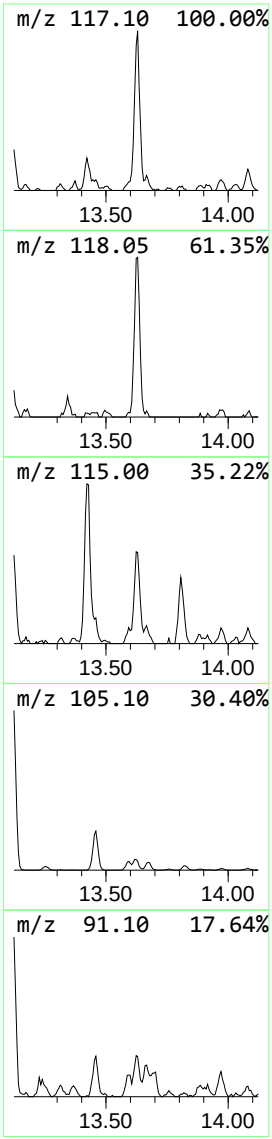
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	33.47 ug/l	63027	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Indane	118	C9H10	000496-11-7	68
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

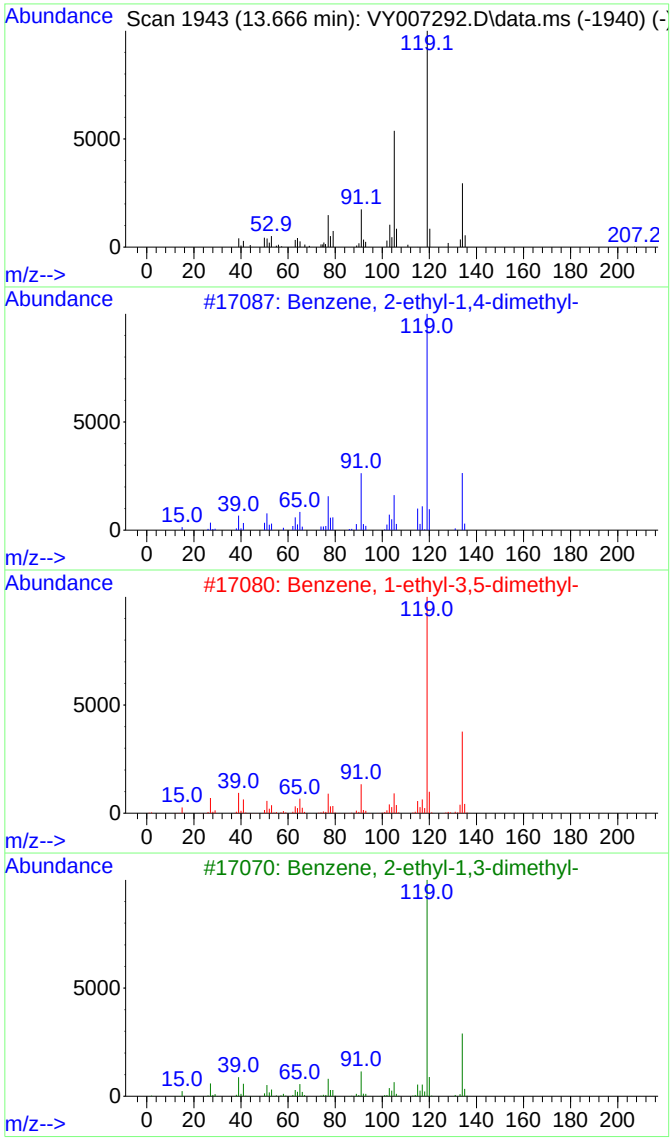
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

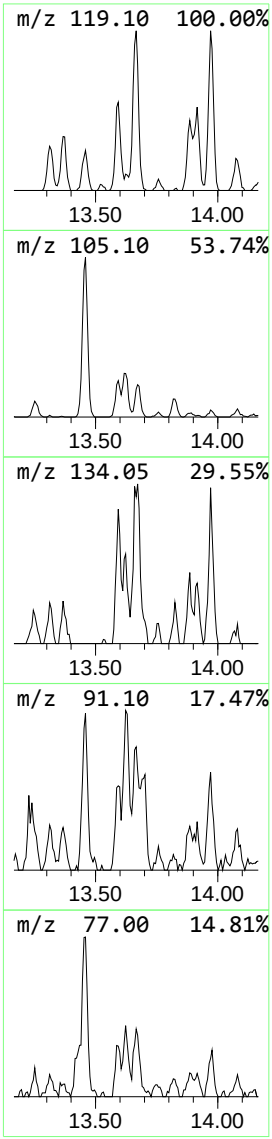
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	21.46 ug/l	40415	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

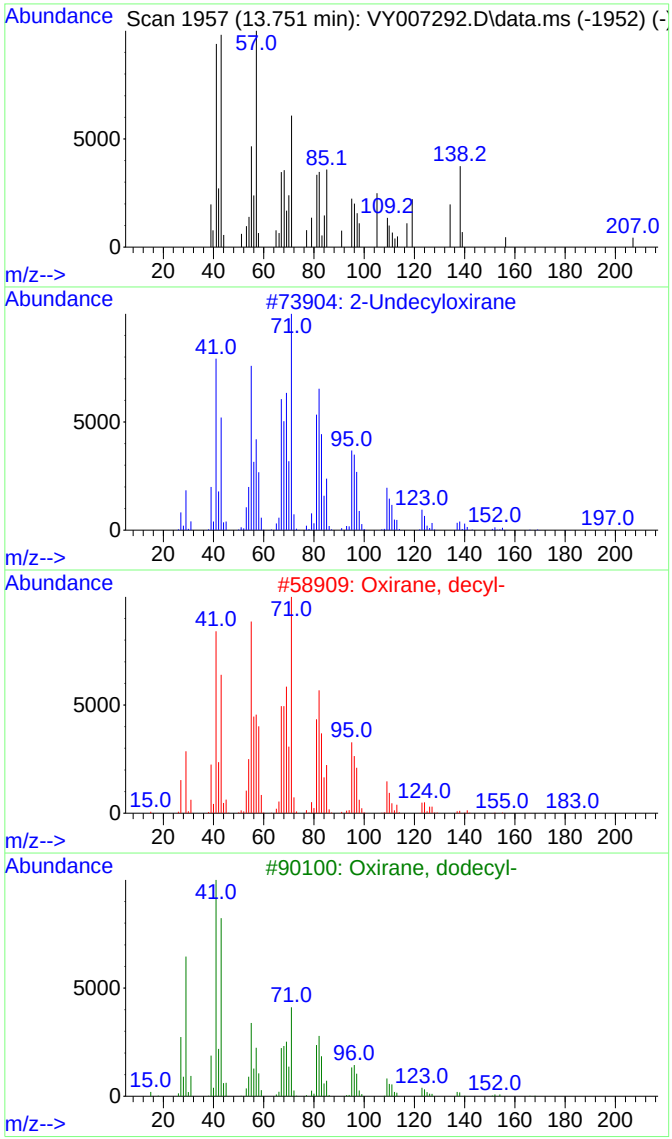
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

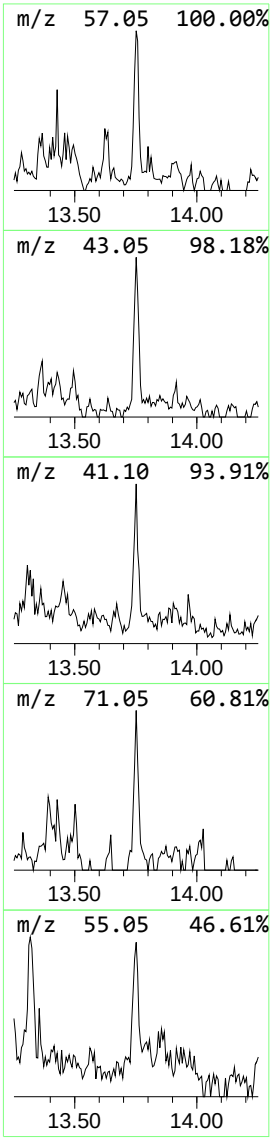
****

Peak Number 7 unknown13.751 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	13.07 ug/l	24617	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecyloxirane	198	C13H26O	001713-31-1	49
2	Oxirane, decyl-	184	C12H24O	002855-19-8	46
3	Oxirane, dodecyl-	212	C14H28O	003234-28-4	43
4	Dodecanal	184	C12H24O	000112-54-9	41
5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

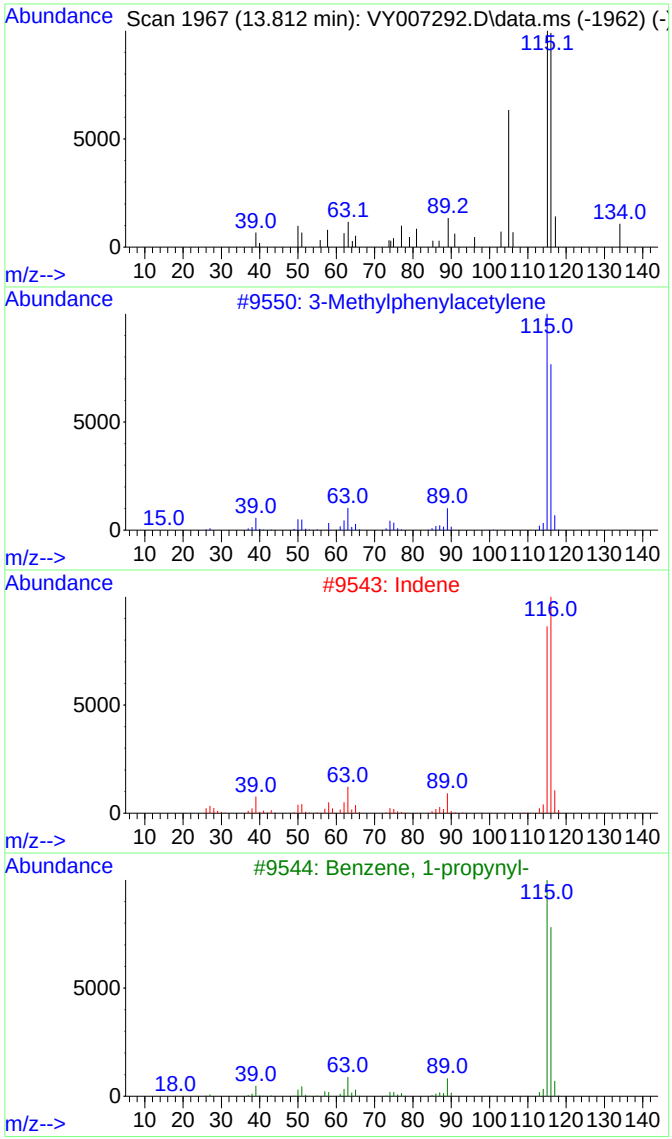
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

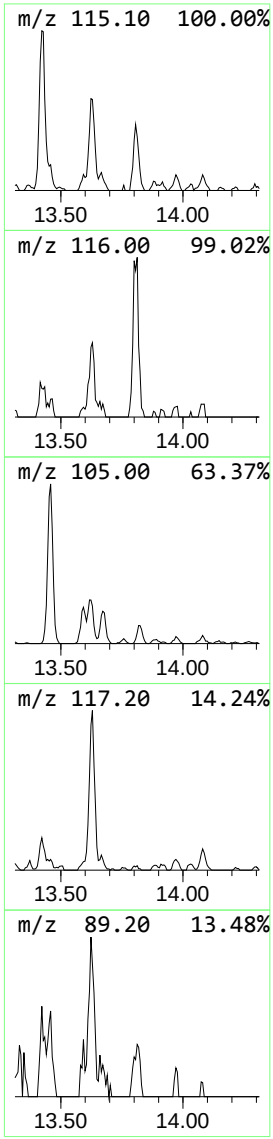
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 3-Methylphenylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.812	10.76 ug/l	20259	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	81
2	Indene	116	C9H8	000095-13-6	74
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	72
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	72
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

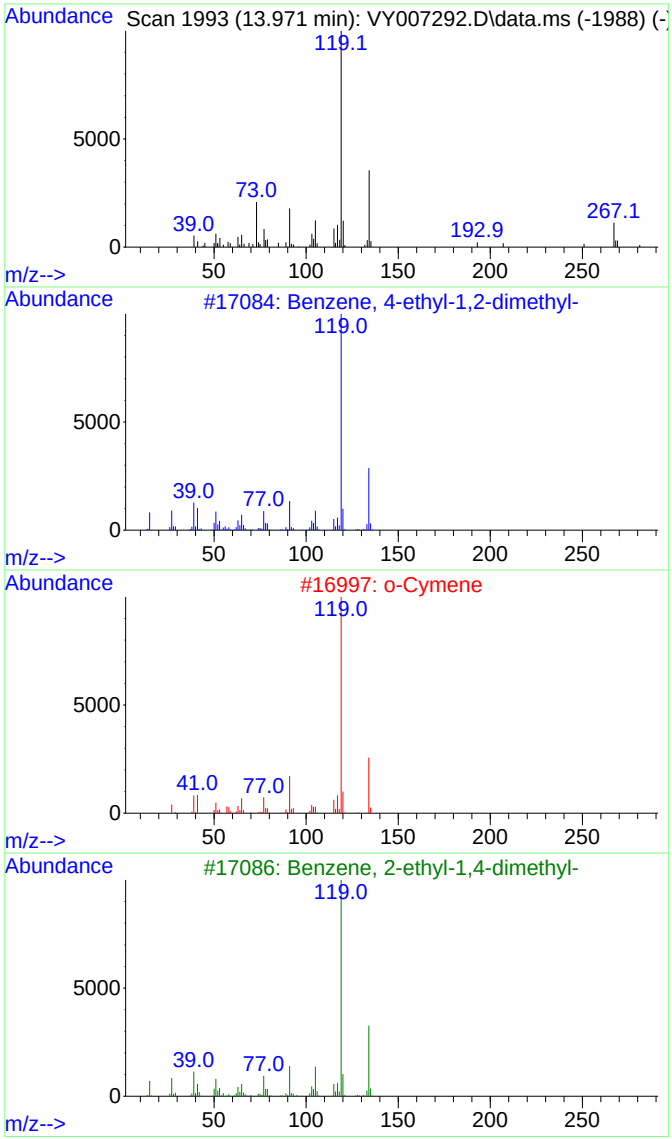
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

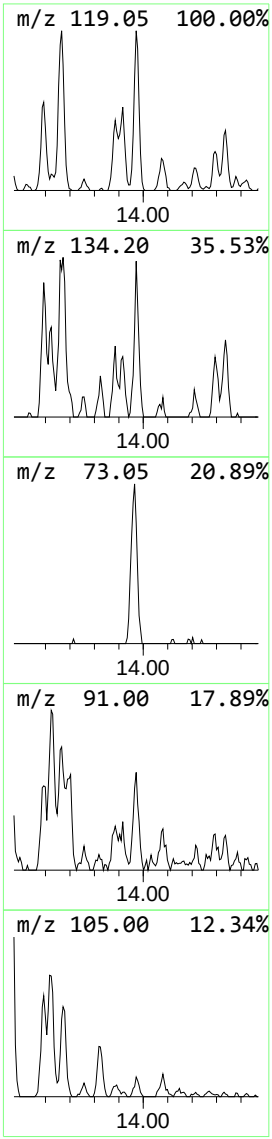
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	17.96 ug/l	33816	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

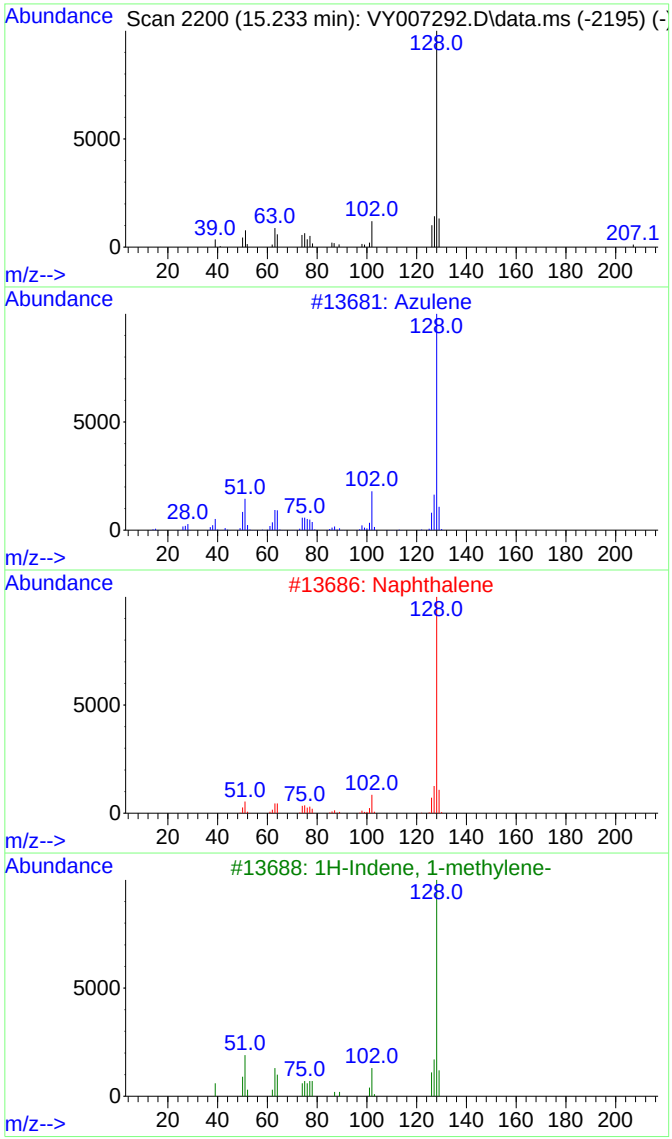
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260

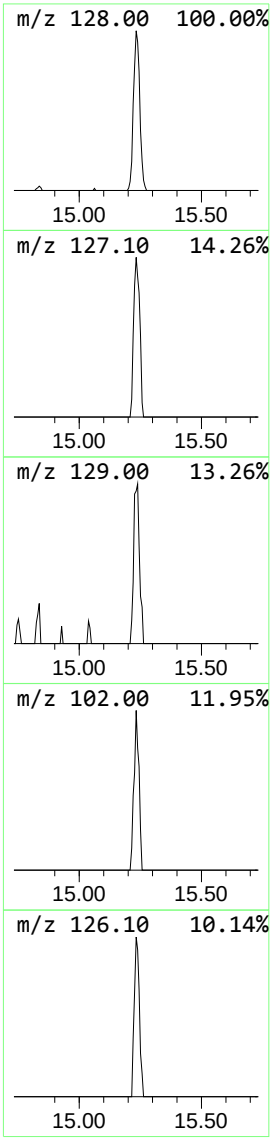
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	9.65 ug/l	18163	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	91
2	Naphthalene	128	C10H8	000091-20-3	91
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	87
4	1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5	4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
Data File : VY007292.D
Acq On : 25 Jan 2022 14:19
Operator : SY/MD
Sample : N1248-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C1-C2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.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...	12.733	100.4	ug/l	189049	4	13.428	94151	50.0
Benzene, 1-ethy...	12.971	38.7	ug/l	72944	4	13.428	94151	50.0
unknown13.312	13.312	9.6	ug/l	18032	4	13.428	94151	50.0
Benzene, 1,2-di...	13.593	15.3	ug/l	28801	4	13.428	94151	50.0
Benzene, 1-ethe...	13.623	33.5	ug/l	63027	4	13.428	94151	50.0
Benzene, 2-ethy...	13.666	21.5	ug/l	40415	4	13.428	94151	50.0
unknown13.751	13.751	13.1	ug/l	24617	4	13.428	94151	50.0
3-Methylphenyla...	13.812	10.8	ug/l	20259	4	13.428	94151	50.0
Benzene, 4-ethy...	13.971	18.0	ug/l	33816	4	13.428	94151	50.0
Azulene	15.233	9.7	ug/l	18163	4	13.428	94151	50.0