LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003494.D
Acq On : 24 Jun 2018 07:31
Operator : SY/AP
Sample : J3670-14
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

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_W\METHOD\82W061318S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.807	28	36	57	rVB	6727847	13964746	12.77%	2.071%
2	7.171	902	916	934	rBV	598631	1592171	1.46%	0.236%
3	8.324	1095	1105	1115	rBV	2952011	6638646	6.07%	0.984%
4	8.696	1157	1166	1177	rVB	3493507	6729401	6.15%	0.998%
5	9.336	1256	1271	1288	rBV	2531018	5979222	5.47%	0.887%
6	10.329	1427	1434	1438	rBV	910330	1736230	1.59%	0.257%
7	10.390	1438	1444	1452	rVV	4888333	8686370	7.94%	1.288%
8	10.506	1456	1463	1471	rVB2	654842	1232897	1.13%	0.183%
9	11.079	1546	1557	1565	rBV	642715	1268013	1.16%	0.188%
10	11.183	1565	1574	1579	rVB	683973	1204346	1.10%	0.179%
11	11.665	1640	1653	1660	rBV	61369940	109356098	100.00%	16.217%
12	11.738	1660	1665	1674	rVB	4763546	7572487	6.92%	1.123%
13	11.841	1674	1682	1693	rBV	11756332	22094293	20.20%	3.277%
14	12.171	1724	1736	1747	rBV	2324074	5509422	5.04%	0.817%
15	12.347	1755	1765	1768	rBV4	557834	1488092	1.36%	0.221%
16	12.469	1780	1785	1791	rBV	2622025	4096150	3.75%	0.607%
17	12.811	1834	1841	1846	rBV	5555616	8745039	8.00%	1.297%
18	12.878	1846	1852	1855	rVV	19050548	29684308	27.14%	4.402%
19	12.908	1855	1857	1860	rVV	7327669	10129119	9.26%	1.502%
20	12.951	1860	1864	1871	rVB	23941880	38674759	35.37%	5.735%
21	13.116	1883	1891	1897	rBV	11067552	17840554	16.31%	2.646%
22	13.213	1903	1907	1910	rBV	1359228	2070888	1.89%	0.307%
23	13.262	1910	1915	1926	rVB	53834369	85184590	77.90%	12.633%
24	13.384	1926	1935	1941	rBV3	3724889	9422762	8.62%	1.397%
25	13.457	1941	1947	1951	rBV	6112533	9397763	8.59%	1.394%
26	13.512	1951	1956	1961	rVB	8594134	13634129	12.47%	2.022%
27	13.597	1961	1970	1977	rBV2	50992654	88604702	81.02%	13.140%
28	13.664	1977	1981	1986	rVB	2002910	2978391	2.72%	0.442%
29	13.731	1986	1992	1993	rBV	3225125	4134736	3.78%	0.613%
30	13.762	1993	1997	2000	rVV2	9613134	15006740	13.72%	2.225%
31	13.798	2000	2003	2011	rVV3	10433821	19873419	18.17%	2.947%
32	13.884	2011	2017	2024	rVB	29437099	48260333	44.13%	7.157%
33	13.957	2024	2029	2035	rBV	3771090	5837188	5.34%	0.866%
34	14.024	2035	2040	2042	rBV	4249053	6794464	6.21%	1.008%

LSC Area Percent Report

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Operator : SY/AP
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Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

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_W\METHOD\82W061318S.M
Title : SW846 8260

35	14.054	2042	2045	2049	rVV	4687239	6711673	6.14%	0.995%
36	14.109	2049	2054	2059	rVB	7026958	10267363	9.39%	1.523%
37	14.213	2066	2071	2077	rVV2	4836148	8152700	7.46%	1.209%
38	14.268	2077	2080	2088	rVB4	528352	1266431	1.16%	0.188%
39	14.353	2088	2094	2099	rBV2	3808034	6225403	5.69%	0.923%
40	14.432	2099	2107	2110	rBV	2493993	4373308	4.00%	0.649%
41	14.469	2110	2113	2118	rVB	3790831	5115751	4.68%	0.759%
42	14.804	2162	2168	2176	rBV3	2695432	5588077	5.11%	0.829%
43	14.969	2189	2195	2204	rVB	1614801	2533367	2.32%	0.376%
44	15.377	2255	2262	2270	rVB	4894730	8663278	7.92%	1.285%

Sum of corrected areas: 674319819

LSC Report - Integrated Chromatogram

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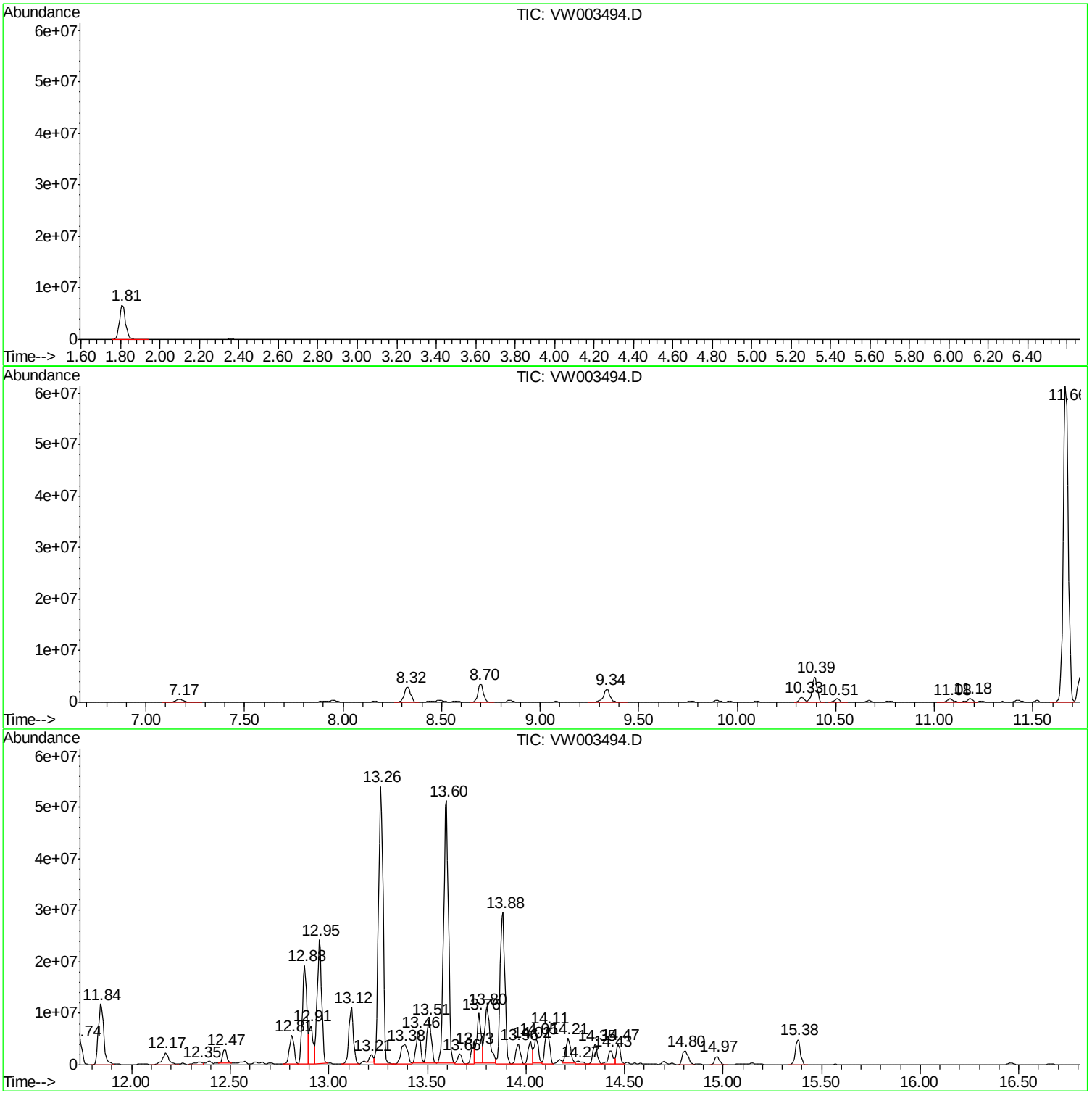
Acq On : 24 Jun 2018 07:31
Operator : SY/AP
Sample : J3670-14
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB477-25-27-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003494.D
Acq On : 24 Jun 2018 07:31
Operator : SY/AP
Sample : J3670-14
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

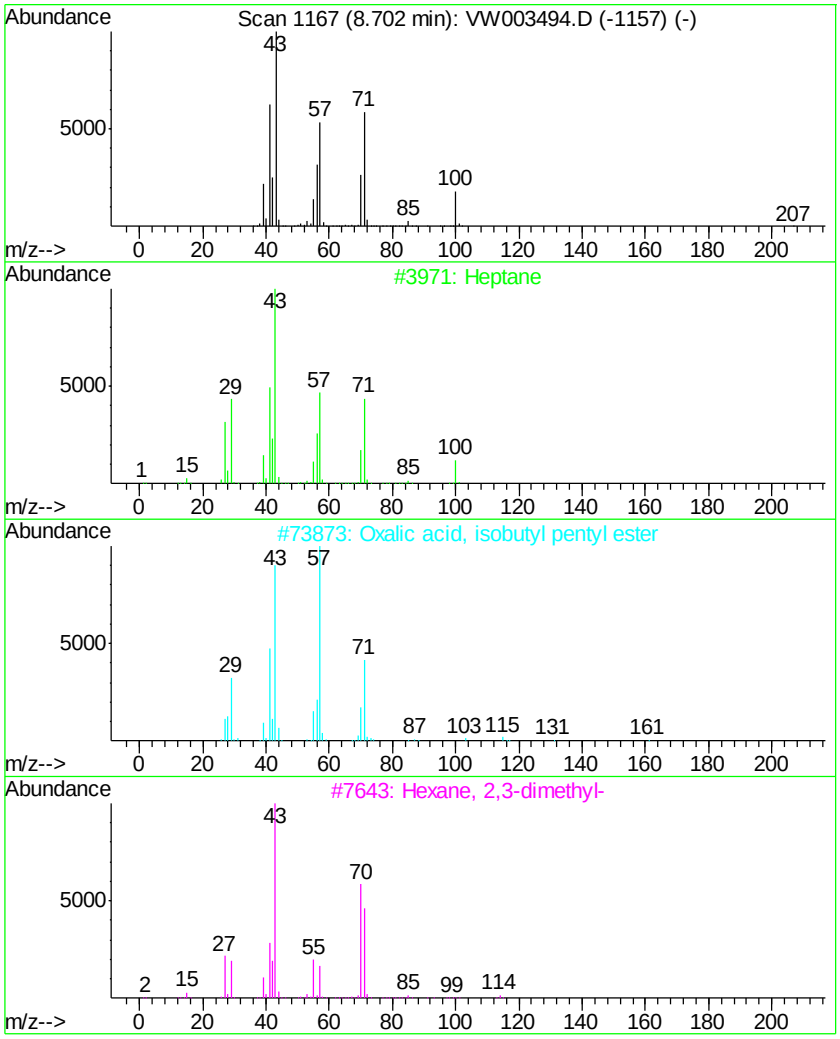
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

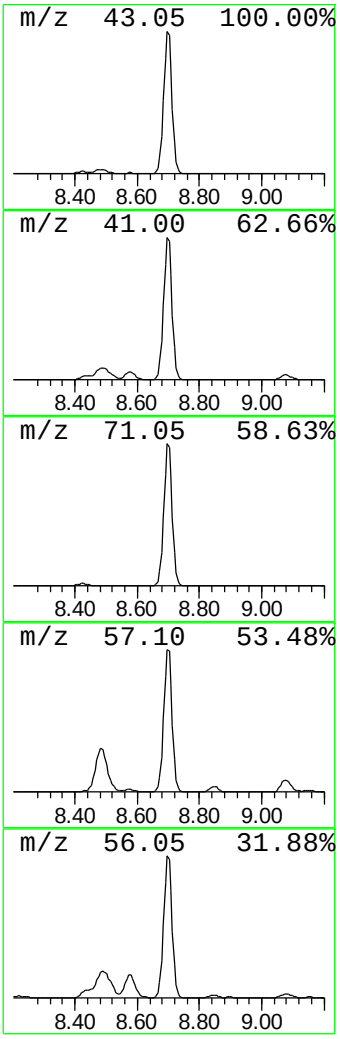
****

Peak Number 2 Heptane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	50.00 ug/l	6729400	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	45
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	38
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003494.D
Acq On : 24 Jun 2018 07:31
Operator : SY/AP
Sample : J3670-14
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

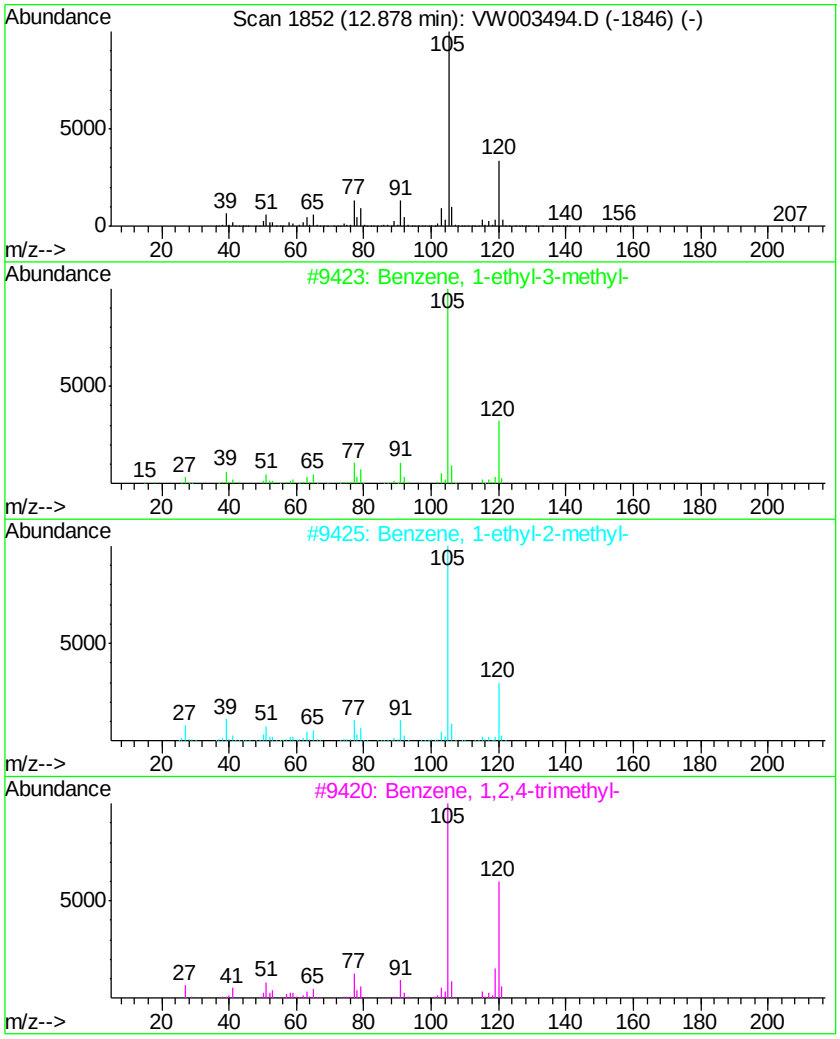
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

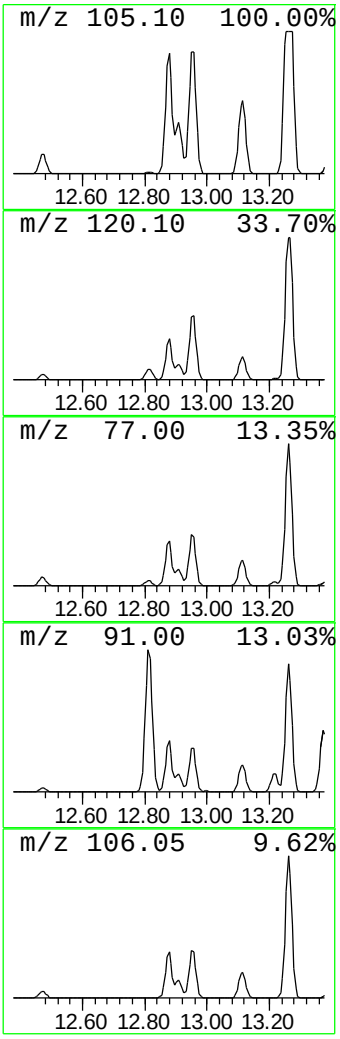
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	16.75 ug/l	29684300	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003494.D
Acq On : 24 Jun 2018 07:31
Operator : SY/AP
Sample : J3670-14
Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

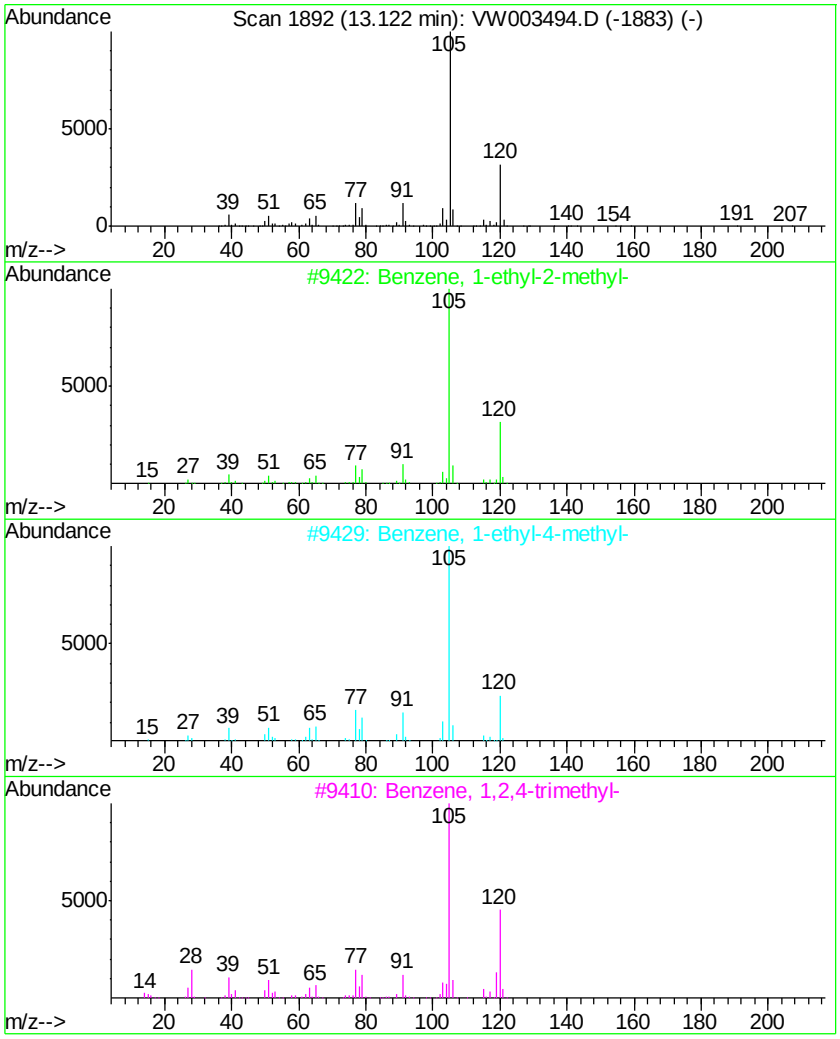
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

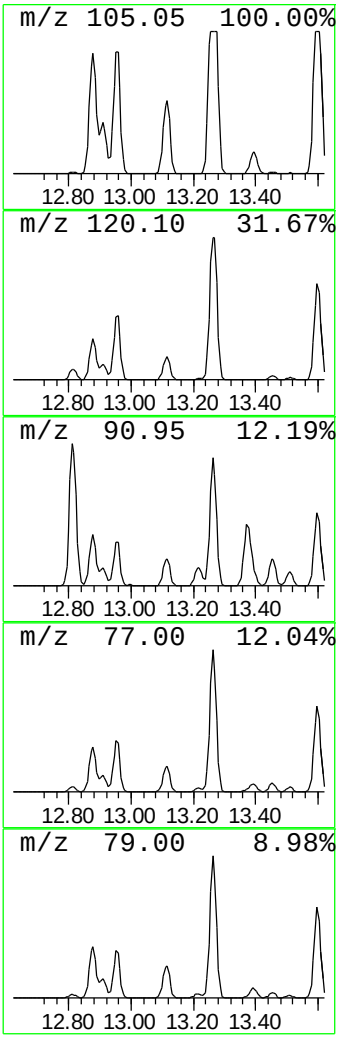
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	10.07 ug/l	17840600	1,4-Dichlorobenzene-d4	13.57

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	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Operator : SY/AP
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Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

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

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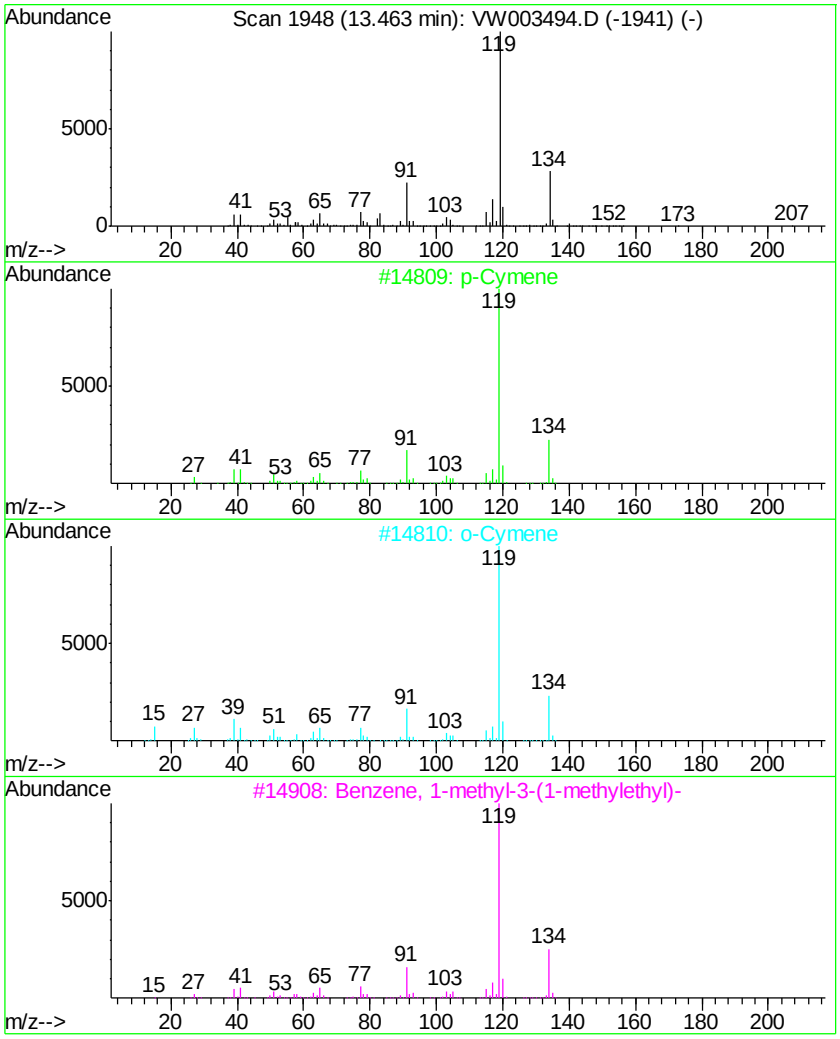
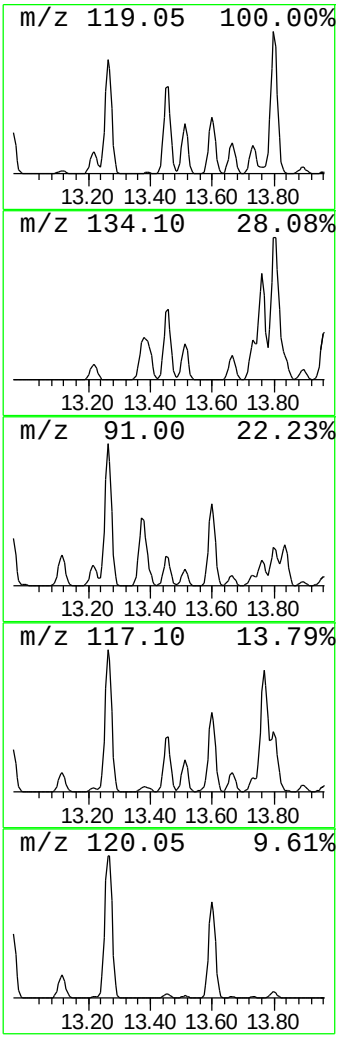
Peak Number 5 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	5.30 ug/l	9397760	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

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Misc : 5.81G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP021SB477-25-27-180621

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260

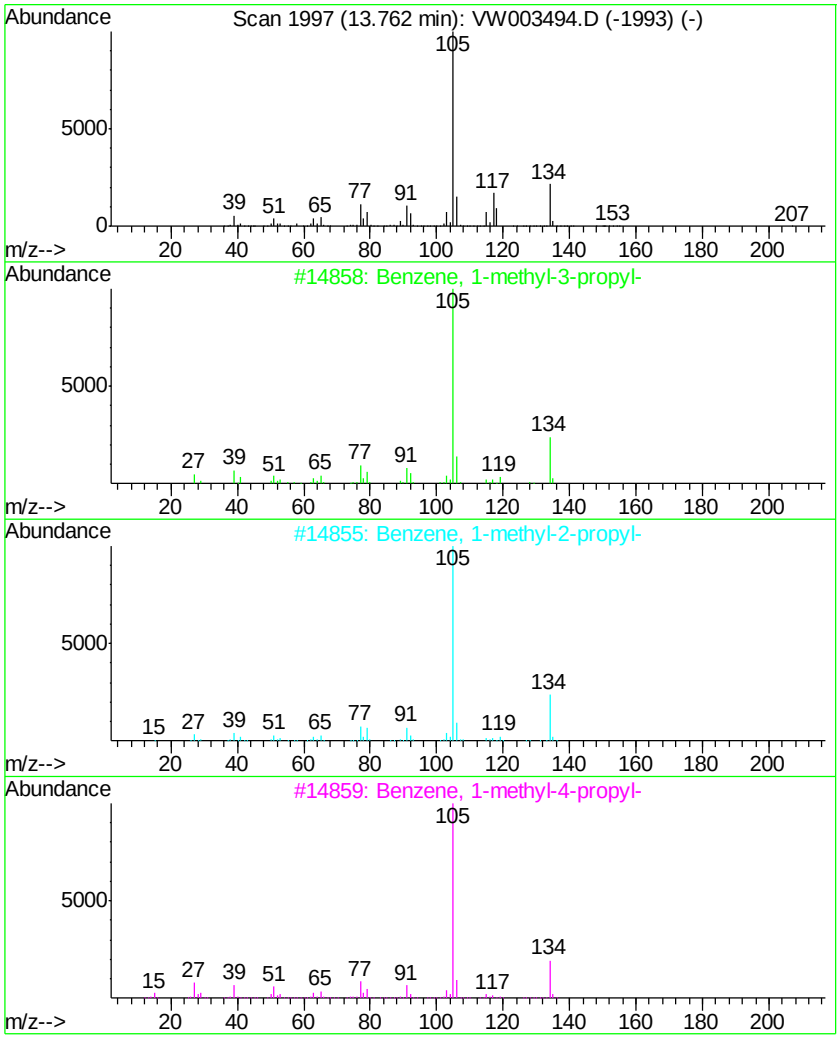
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

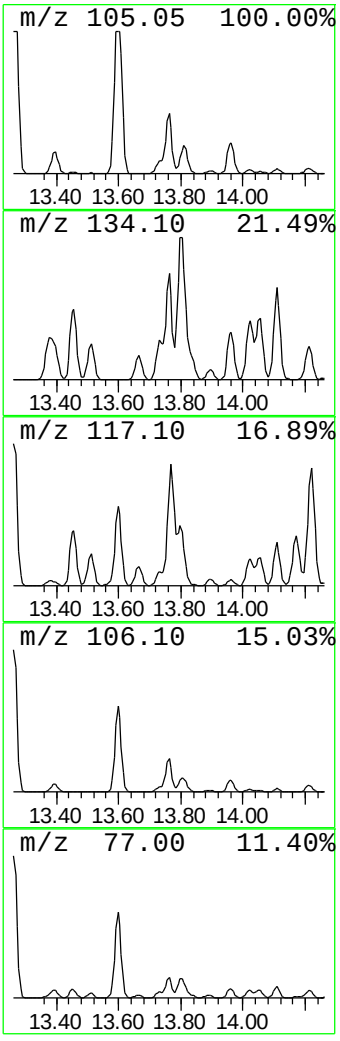
****

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.47 ug/l	15006700	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	74
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
5	2-Tolyloxirane	134	C9H10O	002783-26-8	68





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Quant Title : SW846 8260

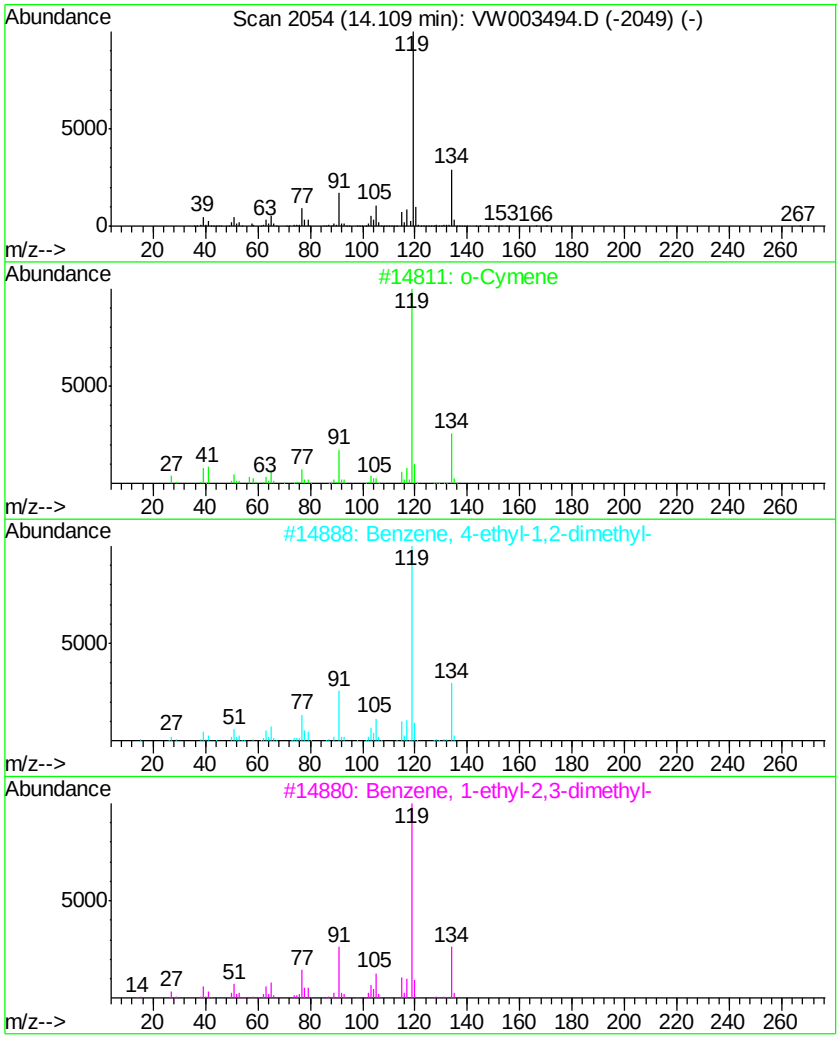
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

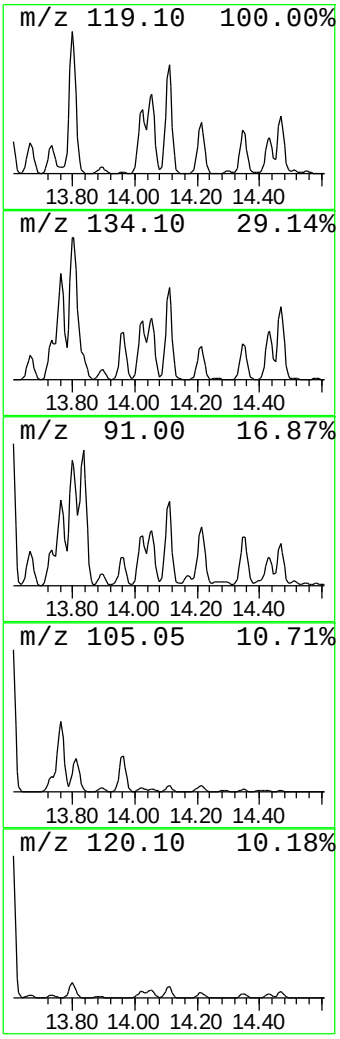
****

Peak Number 7 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	5.79 ug/l	10267400	1,4-Dichlorobenzene-d4	13.57

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





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.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
Heptane	8.70	50.0	ug/l	6729400	2	8.85	6729400	50.0
Benzene, 1-ethyl-...	12.88	16.8	ug/l	29684300	4	13.57	88604700	50.0
Benzene, 1-ethyl-...	13.12	10.1	ug/l	17840600	4	13.57	88604700	50.0
p-Cymene	13.46	5.3	ug/l	9397760	4	13.57	88604700	50.0
Benzene, 1-methyl...	13.76	8.5	ug/l	15006700	4	13.57	88604700	50.0
o-Cymene	14.11	5.8	ug/l	10267400	4	13.57	88604700	50.0