LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012073.D
Acq On : 05 Sep 2019 01:57
Operator : SY/SP
Sample : K4545-05
Misc : 3.54g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

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_X\METHOD\82X090319S.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	1.064	25	29	42	rVB	859135	993511	100.00%	14.931%
2	1.161	42	45	54	rVB	66181	63028	6.34%	0.947%
3	1.289	60	66	71	rBV2	9730	10402	1.05%	0.156%
4	1.375	77	80	88	rBV2	64754	78981	7.95%	1.187%
5	1.997	177	182	187	rVB3	6079	12298	1.24%	0.185%
6	2.429	248	253	261	rVB	7668	13260	1.33%	0.199%
7	2.844	315	321	332	rVB	20605	45072	4.54%	0.677%
8	3.015	342	349	356	rVB3	3840	10164	1.02%	0.153%
9	3.509	422	430	438	rBV4	4475	10201	1.03%	0.153%
10	4.679	613	622	628	rVB2	3466	10438	1.05%	0.157%
11	5.484	739	754	767	rBV	87120	250679	25.23%	3.767%
12	5.648	770	781	796	rVB	165354	466881	46.99%	7.017%
13	6.051	835	847	860	rBV	97836	259234	26.09%	3.896%
14	6.849	968	978	992	rBV	256048	620140	62.42%	9.320%
15	8.709	1270	1283	1291	rBV	473342	743105	74.80%	11.168%
16	9.331	1380	1385	1391	rVB	6850	13173	1.33%	0.198%
17	9.824	1460	1466	1472	rBV3	15128	25506	2.57%	0.383%
18	10.105	1507	1512	1517	rBV	400485	565857	56.96%	8.504%
19	10.148	1517	1519	1527	rVB	29425	40685	4.10%	0.611%
20	10.410	1558	1562	1569	rVB4	10141	14883	1.50%	0.224%
21	10.526	1574	1581	1587	rVB3	9444	15078	1.52%	0.227%
22	10.745	1614	1617	1623	rVB6	6767	10862	1.09%	0.163%
23	10.836	1625	1632	1640	rBV6	5123	13760	1.38%	0.207%
24	10.946	1647	1650	1655	rVB3	8114	11523	1.16%	0.173%
25	11.080	1666	1672	1676	rVB	18530	27045	2.72%	0.406%
26	11.135	1676	1681	1686	rBV	271874	346935	34.92%	5.214%
27	11.275	1701	1704	1710	rVB3	8689	13904	1.40%	0.209%
28	11.349	1710	1716	1721	rBV3	35759	60807	6.12%	0.914%
29	11.531	1742	1746	1751	rVB2	7922	10073	1.01%	0.151%
30	11.720	1772	1777	1783	rBV6	13412	25471	2.56%	0.383%
31	12.074	1830	1835	1841	rBV	226244	277011	27.88%	4.163%
32	12.269	1862	1867	1869	rBV2	6629	9969	1.00%	0.150%
33	12.812	1952	1956	1962	rVB2	23354	33498	3.37%	0.503%
34	12.970	1977	1982	1986	rBV2	31776	45701	4.60%	0.687%

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Operator : SY/SP
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ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

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_X\METHOD\82X090319S.M
Title : SW846 8260

35	13.147	2006	2011	2016	rVB4	13031	22928	2.31%	0.345%
36	13.318	2036	2039	2042	rVV2	9571	11415	1.15%	0.172%
37	13.470	2060	2064	2066	rVV4	7386	11043	1.11%	0.166%
38	13.653	2090	2094	2098	rBV7	6356	10351	1.04%	0.156%
39	13.751	2104	2110	2113	rBV7	9918	20613	2.07%	0.310%
40	13.854	2123	2127	2131	rVB4	16227	19961	2.01%	0.300%
41	14.183	2177	2181	2185	rVB	48254	69374	6.98%	1.043%
42	14.811	2280	2284	2288	rBV3	49888	70030	7.05%	1.052%
43	14.988	2310	2313	2315	rBV2	47027	59995	6.04%	0.902%
44	15.019	2316	2318	2325	rVB2	62832	90505	9.11%	1.360%
45	15.354	2370	2373	2380	rBV5	33011	54923	5.53%	0.825%
46	15.488	2390	2395	2400	rVB	188642	296329	29.83%	4.453%
47	15.756	2434	2439	2444	rBV3	90798	181645	18.28%	2.730%
48	15.817	2444	2449	2454	rVB	202105	346418	34.87%	5.206%
49	15.890	2457	2461	2465	rBV4	41138	67351	6.78%	1.012%
50	15.939	2465	2469	2474	rVB2	78067	133887	13.48%	2.012%
51	16.695	2590	2593	2604	rVB10	17994	38058	3.83%	0.572%

Sum of corrected areas: 6653961

LSC Report - Integrated Chromatogram

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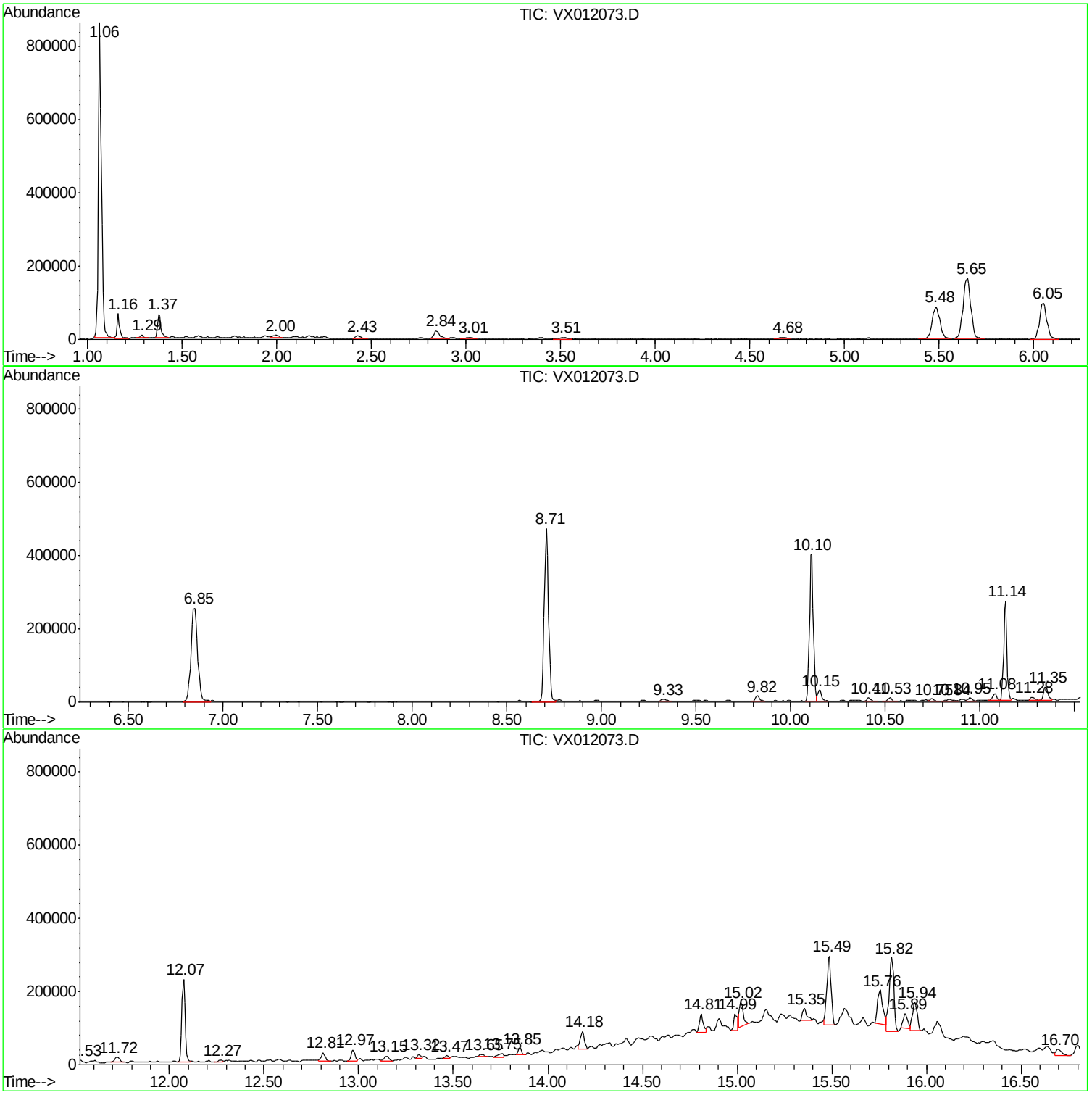
Misc : 3.54g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012073.D
Acq On : 05 Sep 2019 01:57
Operator : SY/SP
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Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

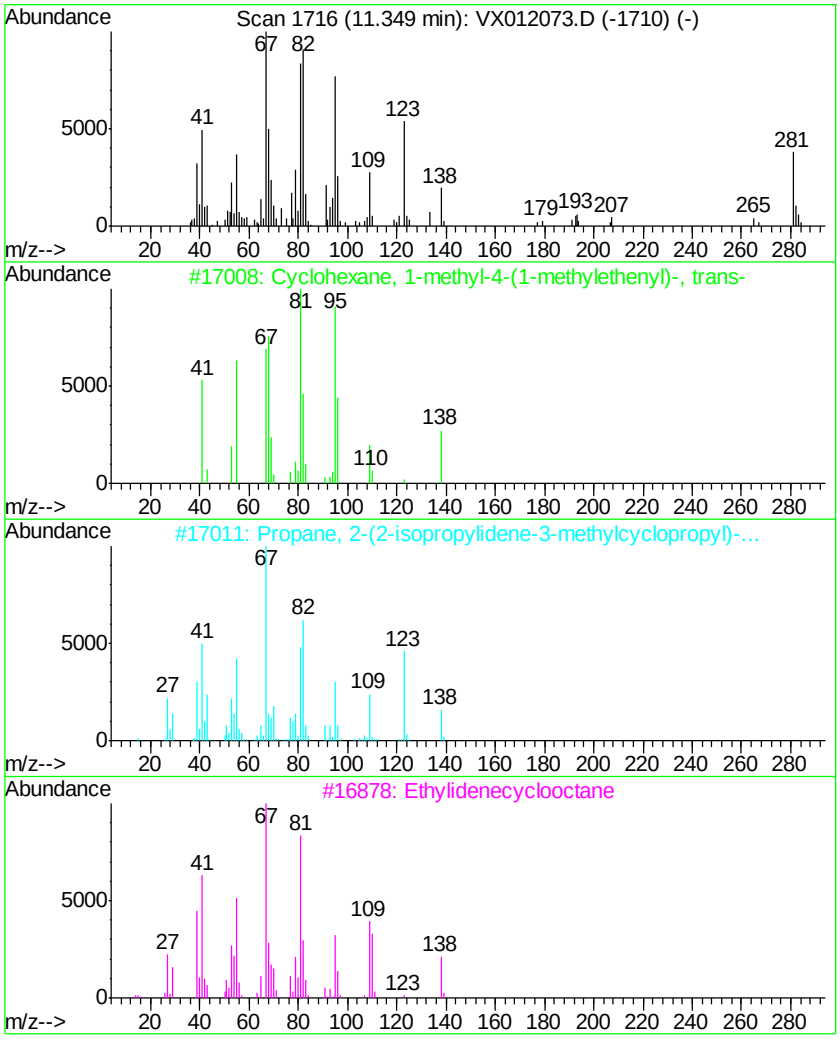
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

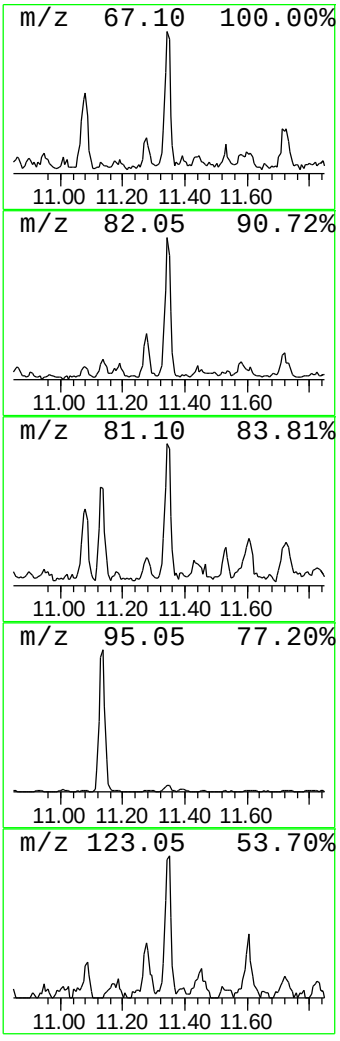
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	10.98 ug/l	60807	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	60
2	Propane, 2-(2-isopropylidene-3-m...	138	C10H18	024524-51-4	60
3	Ethylidenecyclooctane	138	C10H18	019780-51-9	49
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	49
5	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	49





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Operator : SY/SP
Sample : K4545-05
Misc : 3.54g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

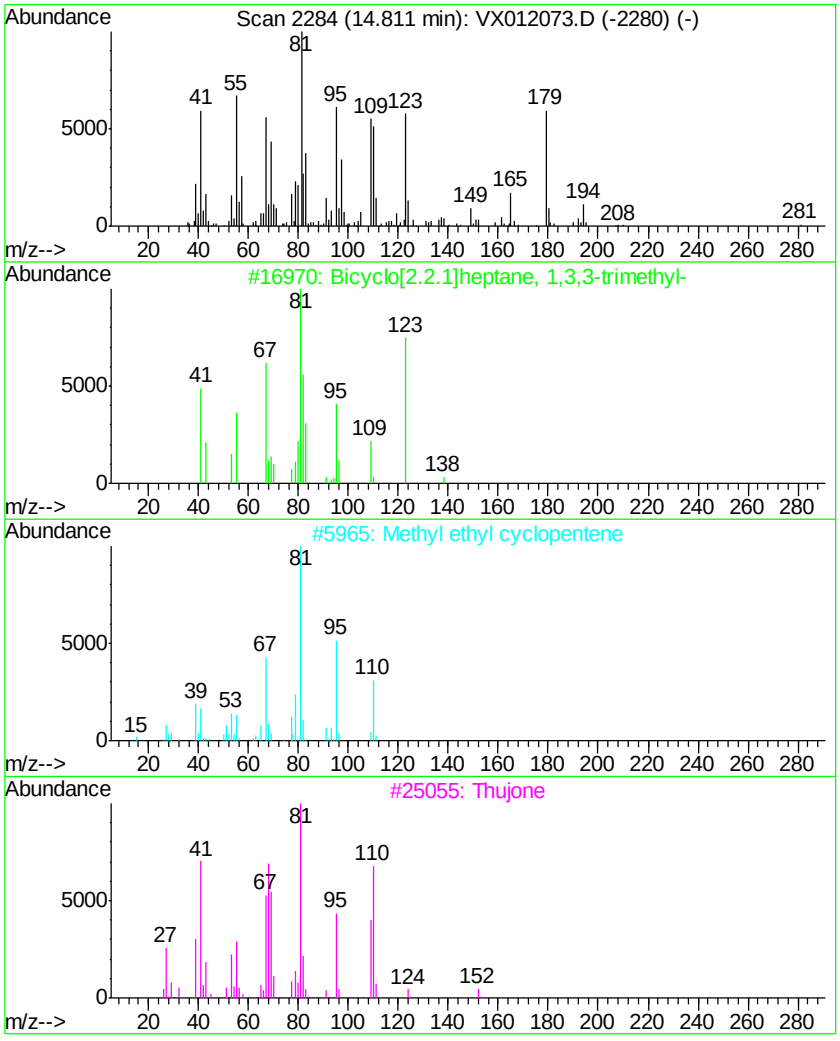
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

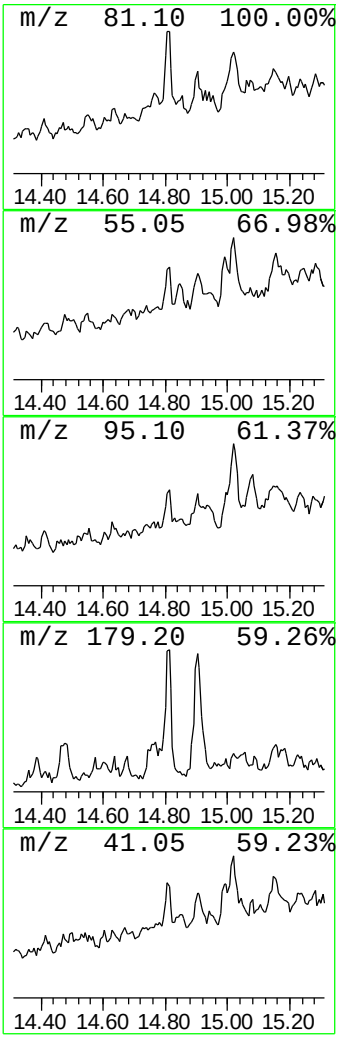
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	12.64 ug/l	70030	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	55
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	55
3	Thujone	152	C10H16O	000546-80-5	49
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	43
5	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012073.D
Acq On : 05 Sep 2019 01:57
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Sample : K4545-05
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ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

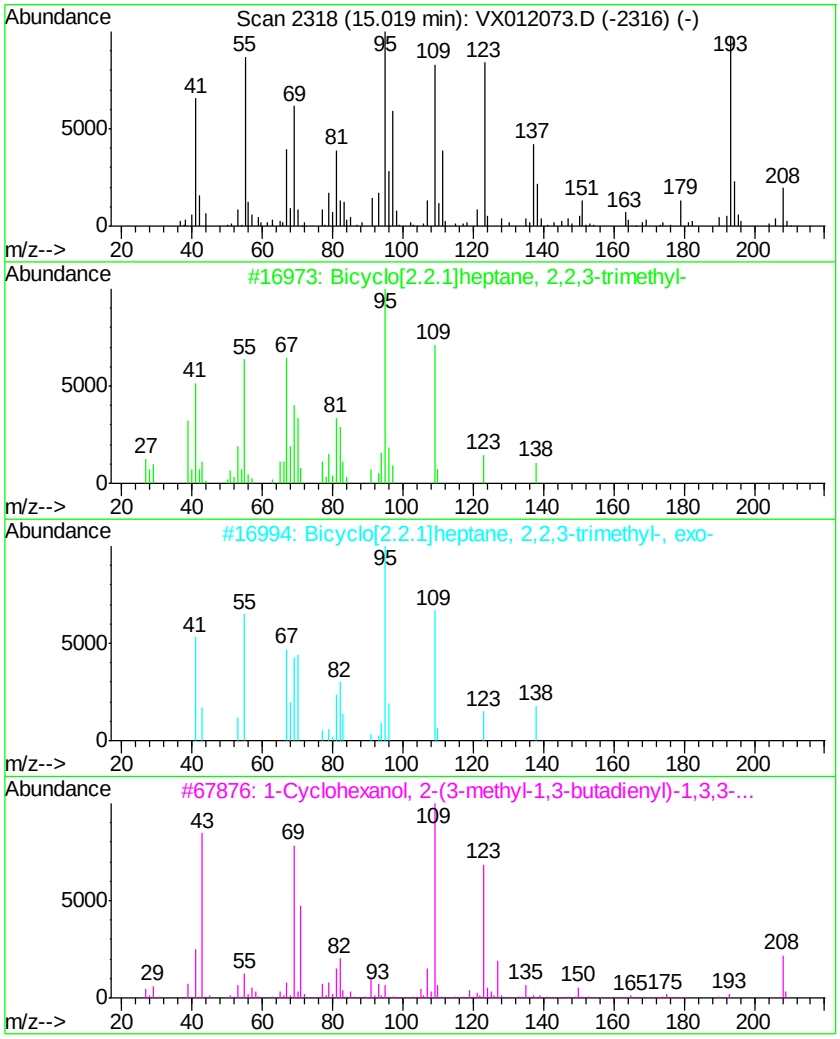
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

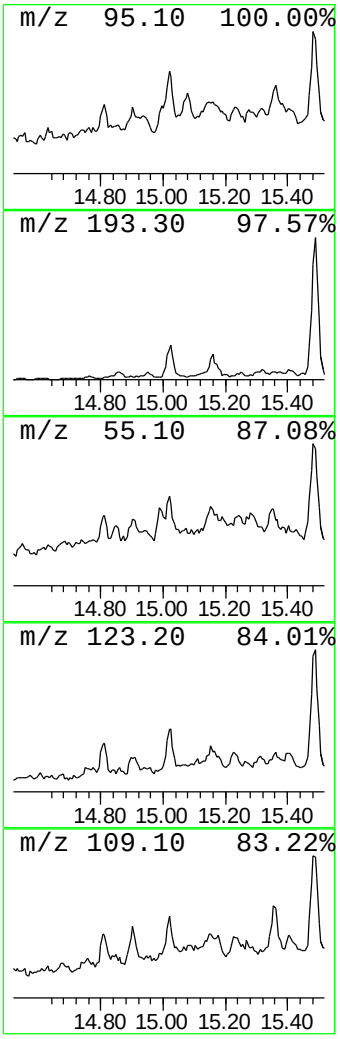
****

Peak Number 5 unknown15.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	16.34 ug/l	90505	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	27
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	25
3	1-Cyclohexanol, 2-(3-methyl-1,3-...	208	C14H24O	1000196-01-6	22
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	22
5	1H-Pyrazole, 1-methyl-4-(4,4,5,5...	208	C10H17BN2O2	1000319-69-0	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012073.D
Acq On : 05 Sep 2019 01:57
Operator : SY/SP
Sample : K4545-05
Misc : 3.54g/5.0mL/MSVOA_X/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T16-17-E2-(2.25)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260

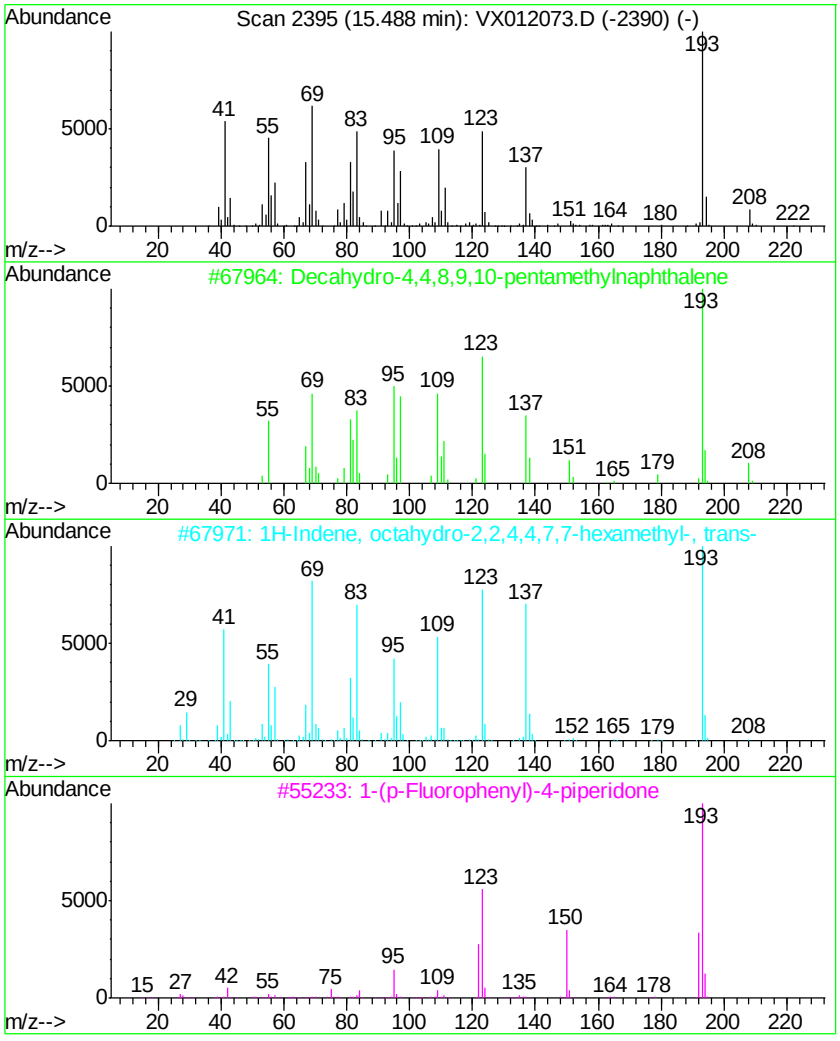
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

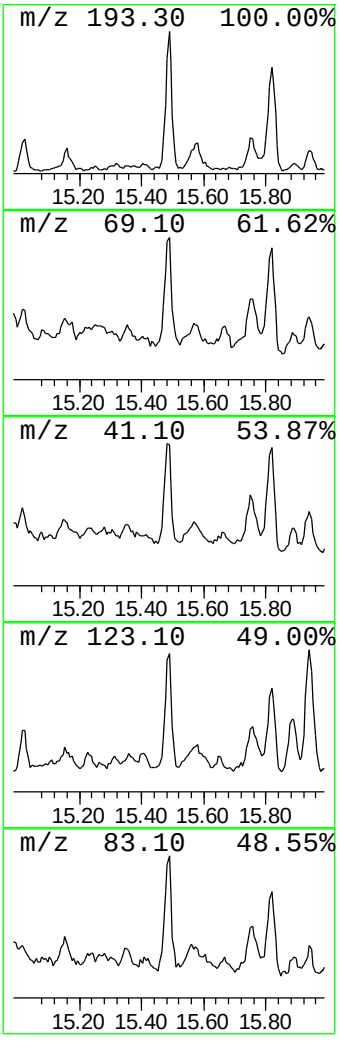
****

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	53.49 ug/l	296329	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	90
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	53
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
5	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	32





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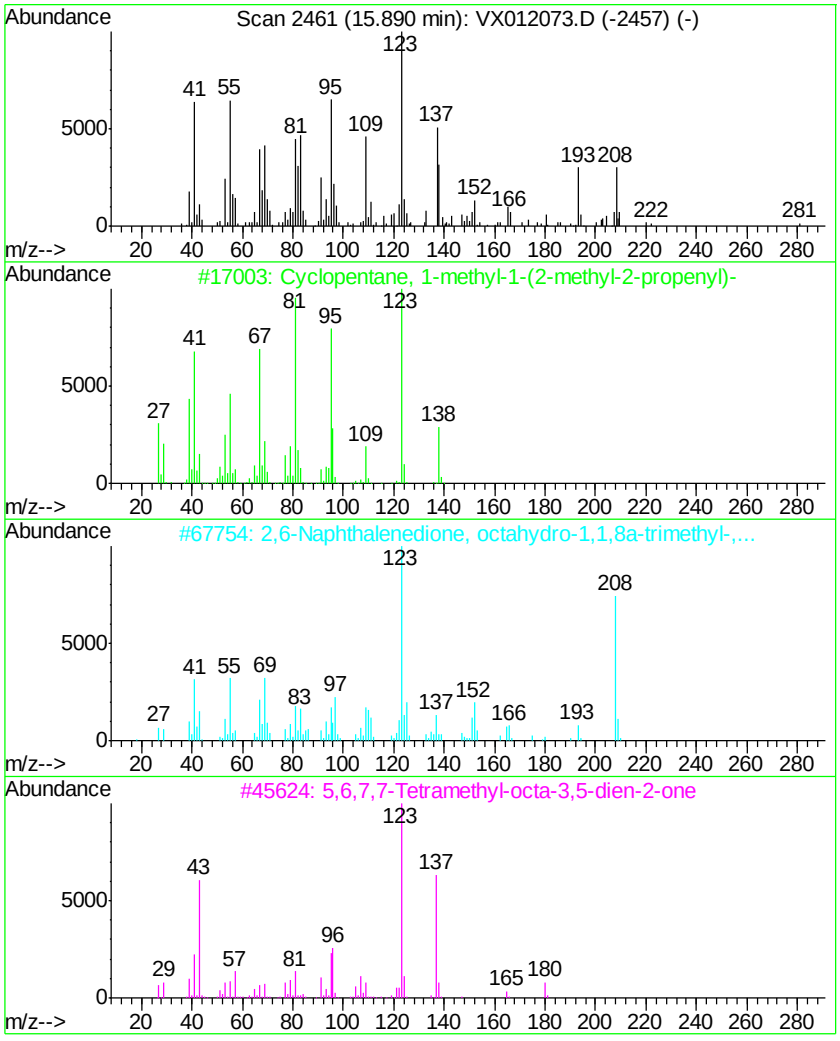
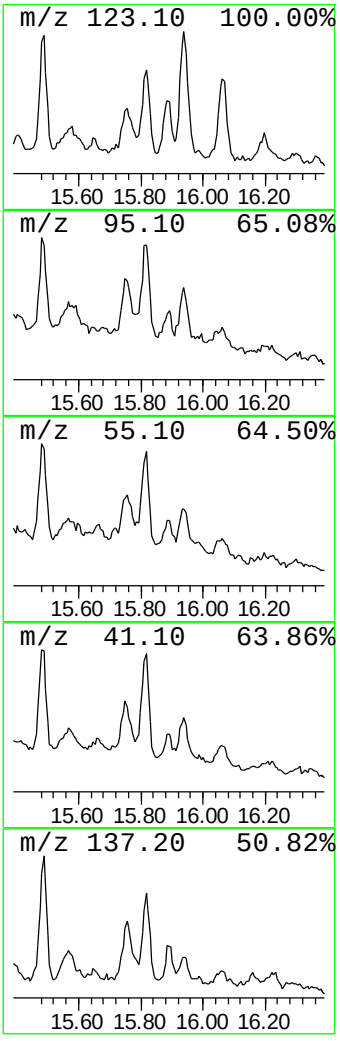
****

Peak Number 9 unknown15.89 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	12.16 ug/l	67351	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	49
2	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	43
3	5,6,7,7-Tetramethyl-octa-3,5-die...	180	C12H20O	1000190-70-9	38
4	Cyclohexene, 1,4,6,6-tetramethyl-	138	C10H18	070092-37-4	38
5	Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	38





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Quant Title : SW846 8260

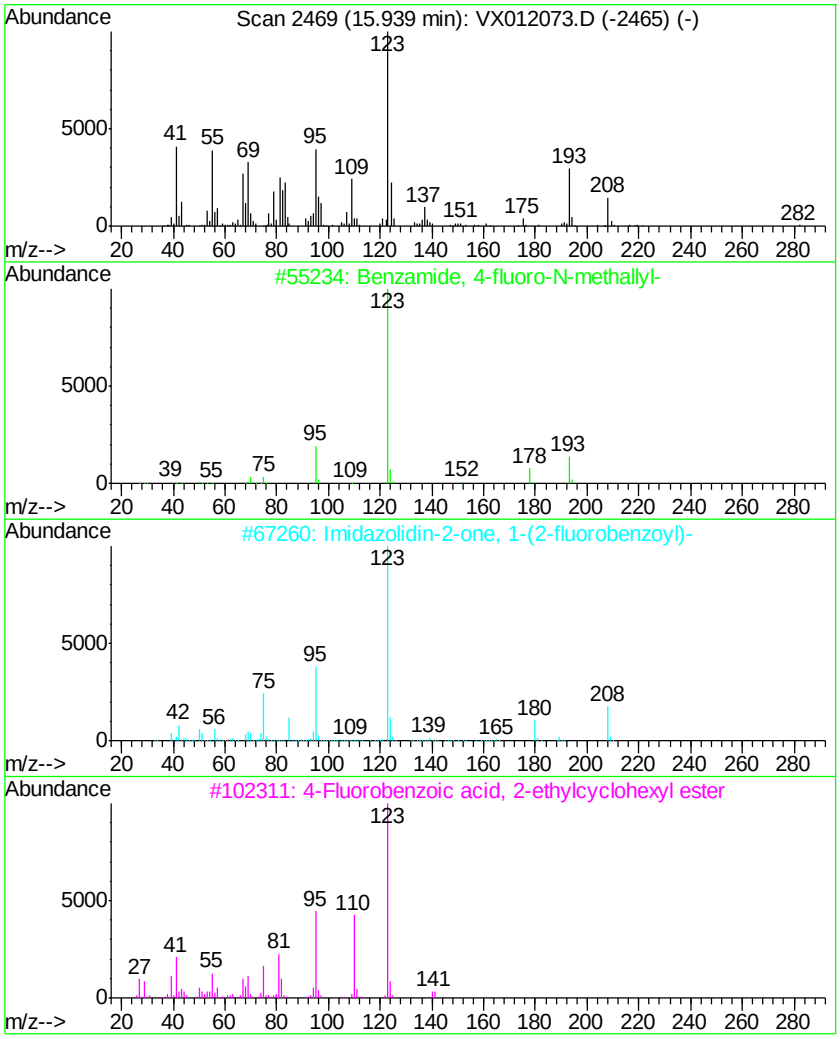
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

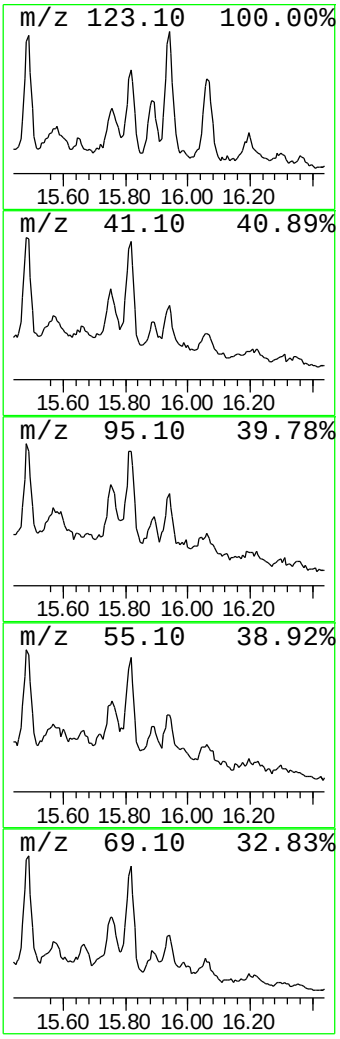
****

Peak Number 10 Benzamide, 4-fluoro-N-metha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	24.17 ug/l	133887	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-fluoro-N-methallyl-	193	C11H12FNO	1000340-31-9	50
2	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1000310-62-2	49
3	4-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-06-0	47
4	Hydrazine, N-(bicyclo[4.1.0]hept...	259	C14H17N3O2	1000259-41-4	43
5	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	40





Tentatively Identified Compound (LSC) summary

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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
Cyclohexane, 1-me...	11.35	11.0	ug/l	60807	4	12.07	277011	50.0
Bicyclo[2.2.1]hep...	14.81	12.6	ug/l	70030	4	12.07	277011	50.0
unknown15.02	15.02	16.3	ug/l	90505	4	12.07	277011	50.0
Decahydro-4,4,8,9...	15.49	53.5	ug/l	296329	4	12.07	277011	50.0
unknown15.89	15.89	12.2	ug/l	67351	4	12.07	277011	50.0
Benzamide, 4-fluo...	15.94	24.2	ug/l	133887	4	12.07	277011	50.0