LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011029.D
Acq On : 20 Oct 2022 16:43
Operator : KP/MD
Sample : N5193-12
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-05-08-13

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\82Y101722S.M
Title : SW846 8260

Signal : TIC: VY011029.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	14	rVB2	16322	22753	1.59%	0.253%
2	2.217	60	65	68	rBV2	19782	32234	2.25%	0.358%
3	3.247	226	234	245	rVB5	5844	15338	1.07%	0.170%
4	3.942	338	348	361	rBV2	31325	87231	6.09%	0.969%
5	4.710	462	474	489	rBV2	19627	69865	4.88%	0.776%
6	5.747	633	644	655	rBV4	5707	17644	1.23%	0.196%
7	6.984	837	847	858	rBV	14961	41605	2.90%	0.462%
8	7.716	953	967	973	rBV	233100	565843	39.49%	6.286%
9	7.789	973	979	989	rVB	354229	797902	55.68%	8.863%
10	8.136	1027	1036	1047	rBV	217842	498944	34.82%	5.542%
11	8.545	1097	1103	1117	rVB2	8638	23052	1.61%	0.256%
12	8.685	1117	1126	1139	rBV	535682	1054097	73.56%	11.709%
13	9.136	1194	1200	1204	rBV	11079	21802	1.52%	0.242%
14	10.179	1363	1371	1378	rBV	856816	1433022	100.00%	15.918%
15	10.581	1431	1437	1450	rBV	9686	21736	1.52%	0.241%
16	11.489	1578	1586	1596	rBV	599702	979464	68.35%	10.880%
17	11.593	1596	1603	1611	rBV5	7856	18182	1.27%	0.202%
18	12.038	1663	1676	1682	rBV6	13551	38030	2.65%	0.422%
19	12.233	1698	1708	1714	rBV3	16993	40428	2.82%	0.449%
20	12.477	1742	1748	1758	rVB2	467721	765039	53.39%	8.498%
21	12.636	1768	1774	1782	rVB7	10799	25506	1.78%	0.283%
22	12.733	1783	1790	1792	rBV5	12330	22365	1.56%	0.248%
23	12.806	1797	1802	1816	rVB3	36847	85440	5.96%	0.949%
24	12.946	1821	1825	1833	rBV3	7969	17545	1.22%	0.195%
25	13.038	1836	1840	1842	rBV3	11638	16010	1.12%	0.178%
26	13.117	1849	1853	1857	rBV4	15911	24584	1.72%	0.273%
27	13.172	1857	1862	1867	rVB4	20543	31506	2.20%	0.350%
28	13.282	1877	1880	1883	rBV2	14623	22584	1.58%	0.251%
29	13.367	1889	1894	1897	rBV5	9120	19428	1.36%	0.216%
30	13.422	1897	1903	1911	rVV	370896	588295	41.05%	6.535%
31	13.635	1932	1938	1939	rBV3	12960	23682	1.65%	0.263%
32	13.660	1940	1942	1949	rVB2	18042	25989	1.81%	0.289%
33	13.745	1951	1956	1961	rBV4	34157	66212	4.62%	0.736%
34	13.965	1988	1992	1997	rVB3	33314	53045	3.70%	0.589%
35	14.074	2006	2010	2014	rBV2	21847	36604	2.55%	0.407%
36	14.129	2015	2019	2027	rVB7	20358	50295	3.51%	0.559%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
LSP-SS-05-08-13

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Title : SW846 8260

37	14.202	2027	2031	2035	rBV6	12687	22939	1.60%	0.255%
38	14.257	2035	2040	2041	rBV2	24874	34958	2.44%	0.388%
39	14.385	2056	2061	2064	rBV3	47159	87315	6.09%	0.970%
40	14.452	2070	2072	2079	rVB5	16842	29207	2.04%	0.324%
41	14.684	2104	2110	2114	rBV3	51345	99776	6.96%	1.108%
42	14.733	2114	2118	2125	rVB5	25432	50405	3.52%	0.560%
43	14.940	2148	2152	2157	rVB3	27374	39340	2.75%	0.437%
44	15.025	2159	2166	2168	rBV3	16846	36645	2.56%	0.407%
45	15.233	2195	2200	2205	rBV	65549	116252	8.11%	1.291%
46	16.287	2367	2373	2381	rVB	161208	306766	21.41%	3.408%
47	16.482	2398	2405	2418	rVB	224451	492555	34.37%	5.471%
48	16.763	2446	2451	2455	rBV5	16570	32806	2.29%	0.364%

Sum of corrected areas: 9002265

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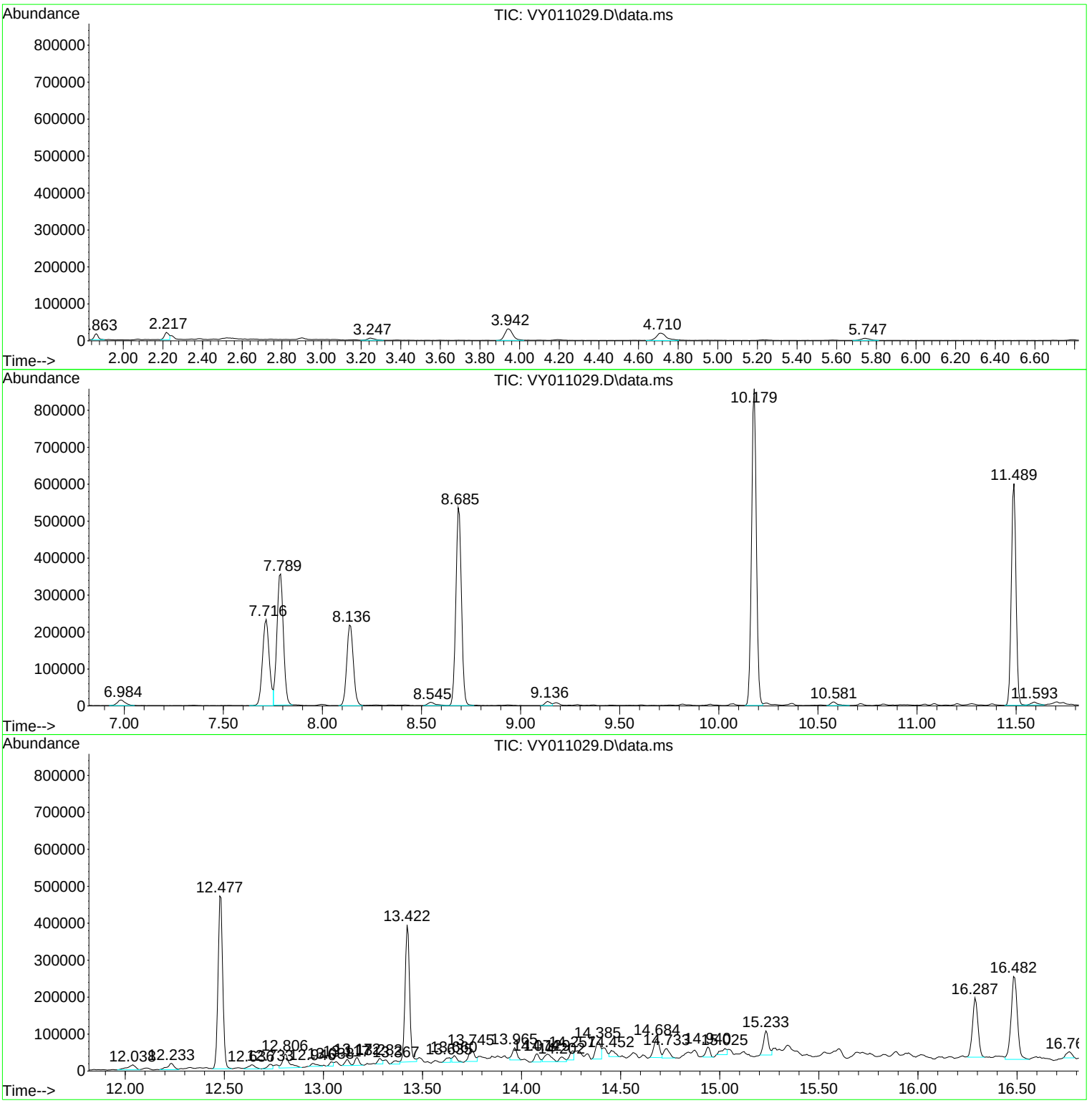
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-05-08-13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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



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Data File : VY011029.D
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Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-05-08-13

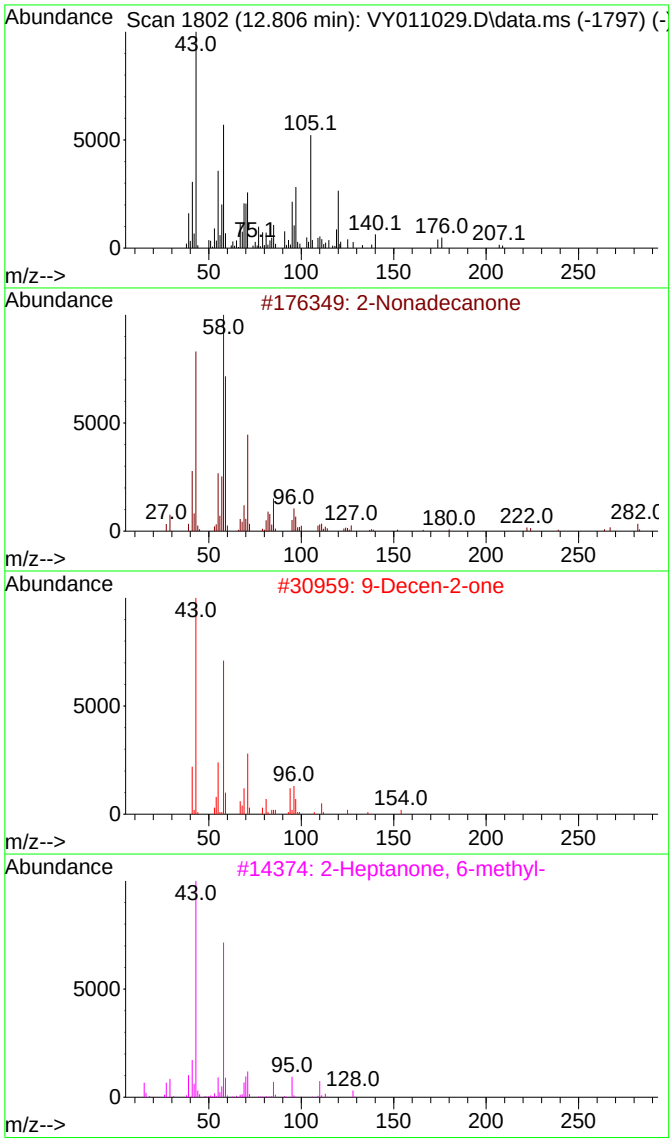
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

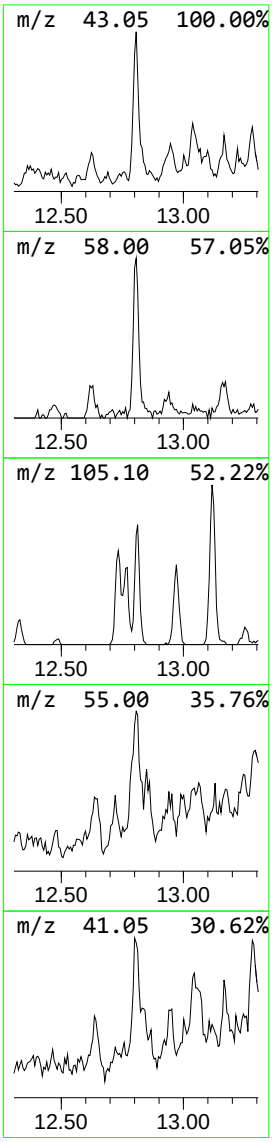
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown12.806 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	7.26 ug/l	85440	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonadecanone	282	C19H38O	000629-66-3	32
2	9-Decen-2-one	154	C10H18O	035194-30-0	25
3	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	22
4	2-Heptanone, 5-methyl-	128	C8H16O	018217-12-4	22
5	3-Octen-2-one, 7-methyl-	140	C9H16O	033046-81-0	22





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-05-08-13

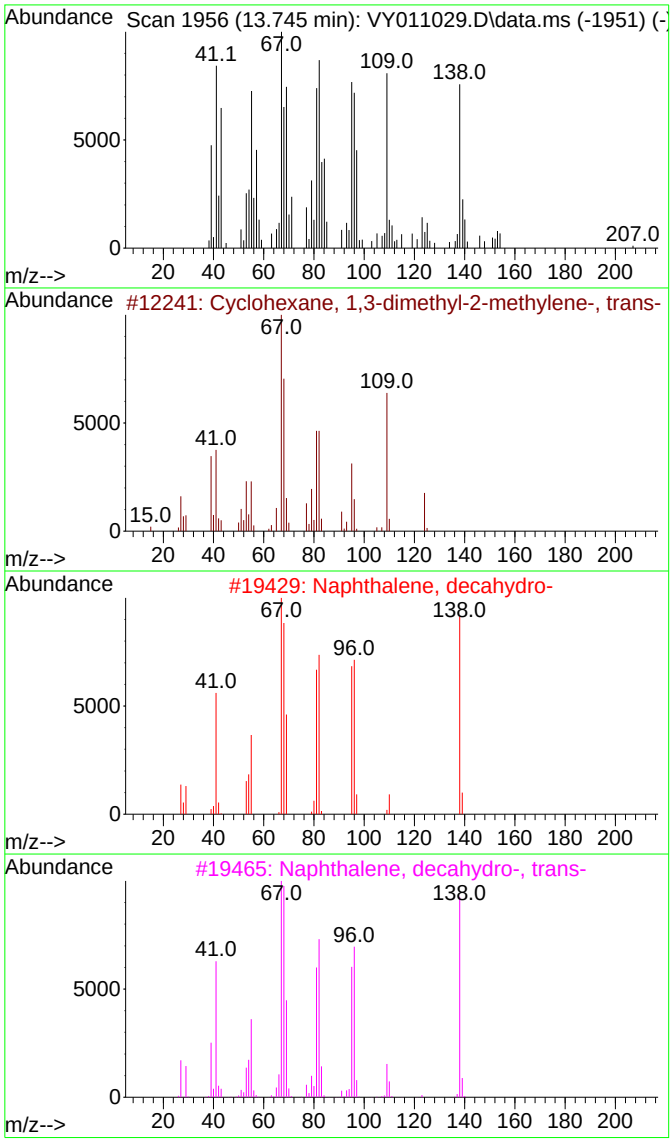
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

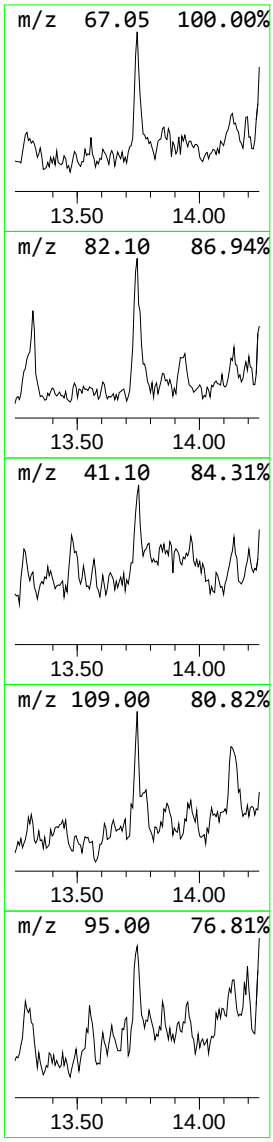
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,3-dimethyl-2... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	5.63 ug/l	66212	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	90
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	64
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	60
4	Spiro[4.5]decane	138	C10H18	000176-63-6	58
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	55





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-05-08-13

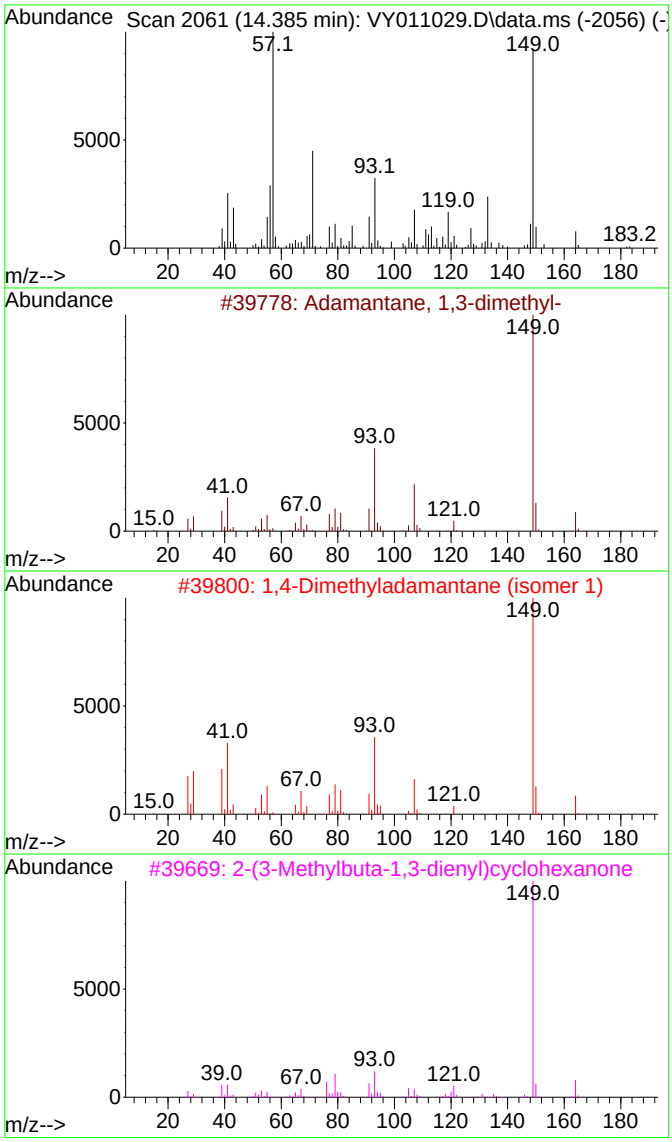
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

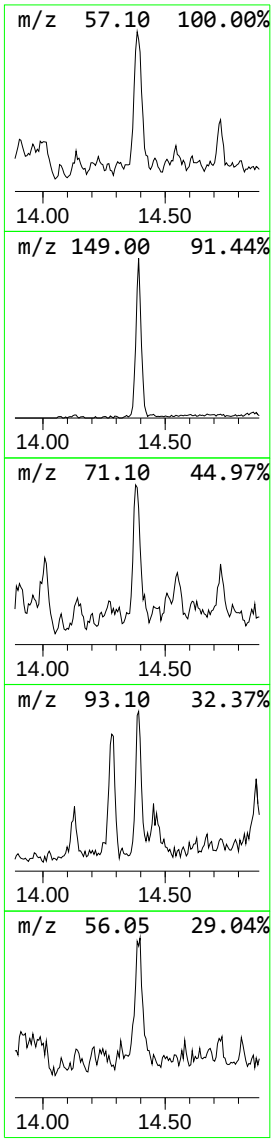
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Adamantane, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	7.42 ug/l	87315	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	55
2	1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	55
3	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	46
4	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	38
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	38





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Data File : VY011029.D
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Operator : KP/MD
Sample : N5193-12
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-05-08-13

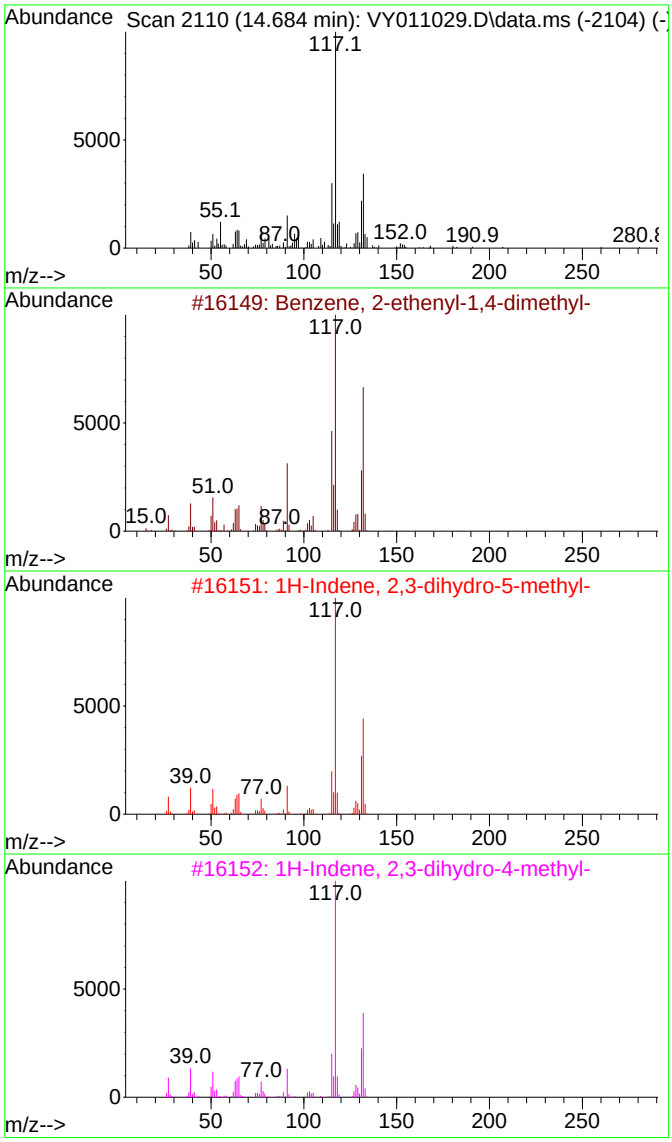
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

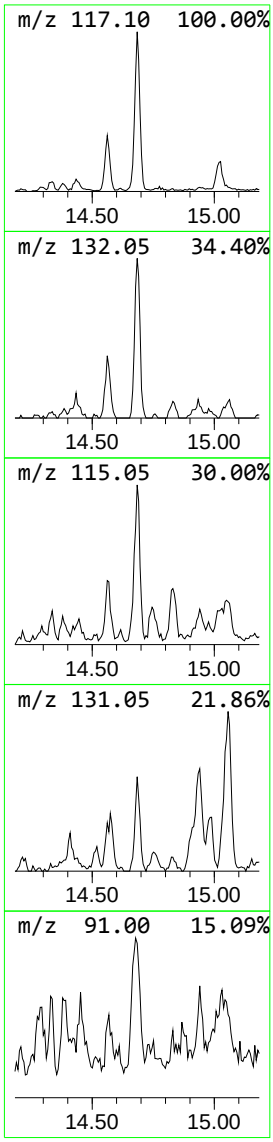
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	8.48 ug/l	99776	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	83
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80





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MSVOA_Y
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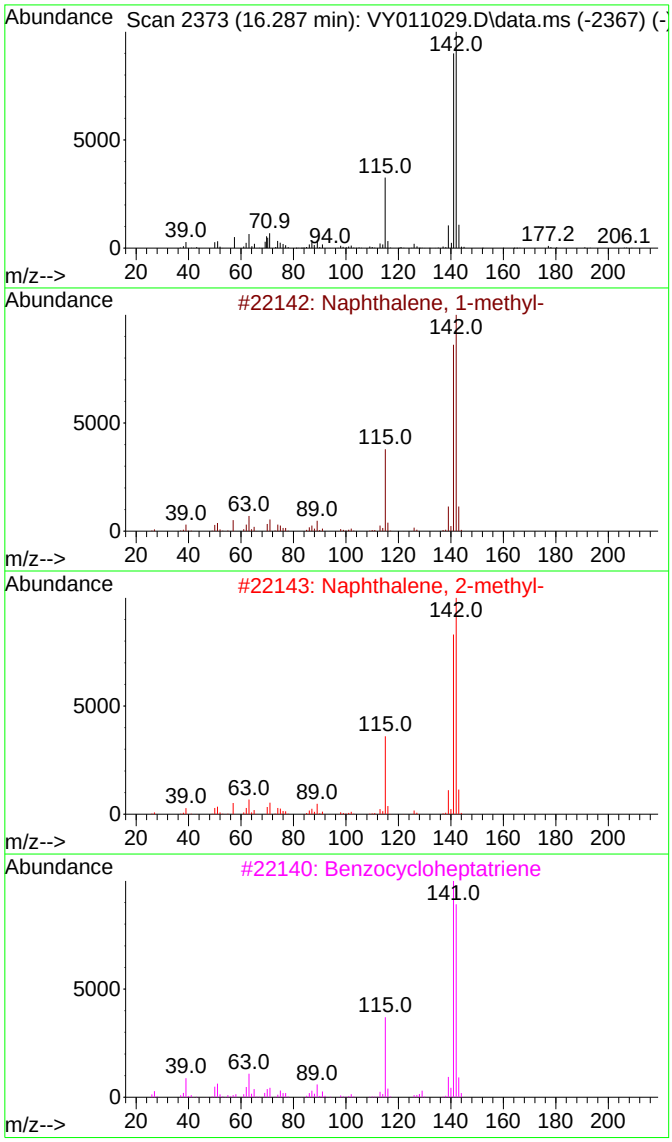
Quant Title : SW846 8260

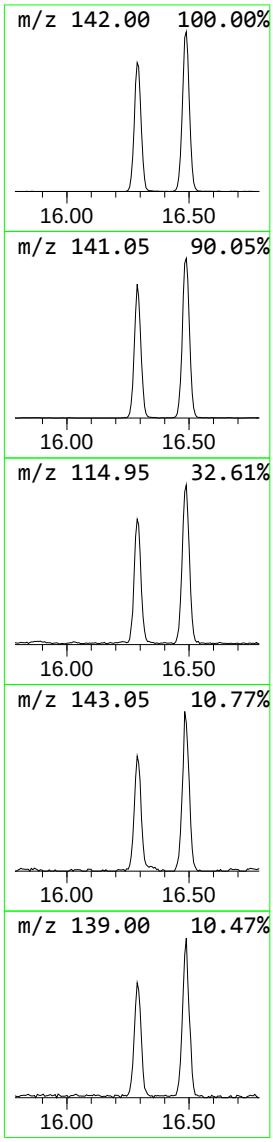
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.287	26.07 ug/l	306766	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	2-Naphthaleneethanol	172	C12H12O	001485-07-0	47





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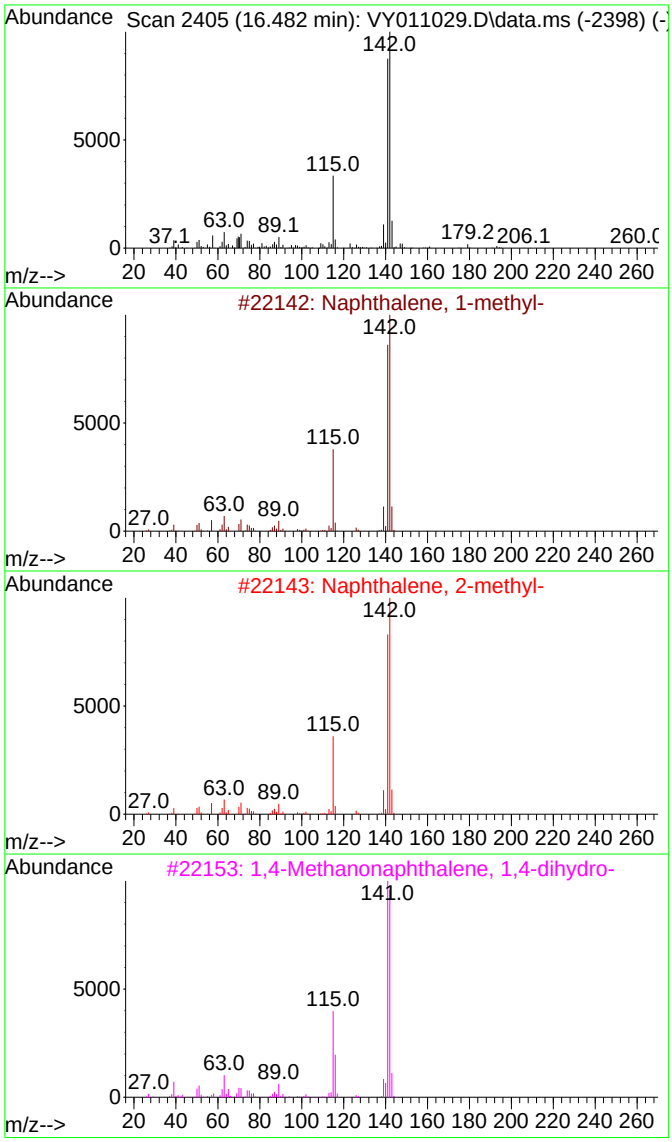
Quant Title : SW846 8260

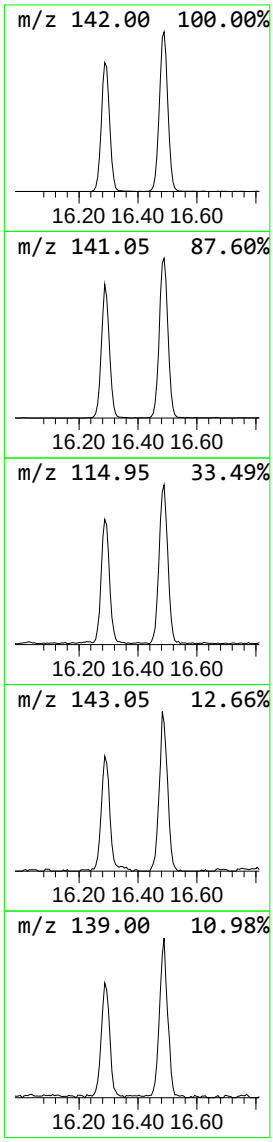
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	41.86 ug/l	492555	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Tentatively Identified Compound (LSC) summary

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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
unknown12.806	12.806	7.3	ug/l	85440	4	13.422	588295	50.0
Cyclohexane, 1,...	13.745	5.6	ug/l	66212	4	13.422	588295	50.0
Adamantane, 1,3...	14.385	7.4	ug/l	87315	4	13.422	588295	50.0
Benzene, 2-ethe...	14.684	8.5	ug/l	99776	4	13.422	588295	50.0
Naphthalene, 1-...	16.287	26.1	ug/l	306766	4	13.422	588295	50.0
Naphthalene, 2-...	16.482	41.9	ug/l	492555	4	13.422	588295	50.0