LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

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\82Y040822S.M
Title : SW846 8260

Signal : TIC: VY008273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	464	475	485	rBV2	4503	13154	1.60%	0.169%
2	7.716	956	967	973	rBV	120825	288367	35.16%	3.703%
3	7.789	973	979	993	rVB	200068	455742	55.57%	5.853%
4	8.142	1026	1037	1050	rBV	105553	232351	28.33%	2.984%
5	8.691	1118	1127	1139	rBV	303846	582433	71.01%	7.480%
6	10.179	1363	1371	1381	rBV	483237	820186	100.00%	10.533%
7	10.581	1431	1437	1448	rVB2	27610	50368	6.14%	0.647%
8	11.276	1544	1551	1557	rVV2	3393	10431	1.27%	0.134%
9	11.489	1579	1586	1597	rVB	447414	740415	90.27%	9.508%
10	11.904	1638	1654	1655	rBV	8861	33516	4.09%	0.430%
11	12.123	1686	1690	1693	rBV2	7084	9951	1.21%	0.128%
12	12.245	1707	1710	1716	rVB4	7286	11762	1.43%	0.151%
13	12.343	1719	1726	1727	rBV4	11425	21837	2.66%	0.280%
14	12.386	1728	1733	1734	rVV4	22596	40954	4.99%	0.526%
15	12.410	1735	1737	1742	rVV5	29847	66572	8.12%	0.855%
16	12.483	1743	1749	1768	rVB	412795	719514	87.73%	9.240%
17	12.672	1777	1780	1784	rVB	12080	16551	2.02%	0.213%
18	12.806	1796	1802	1807	rBV5	12572	26395	3.22%	0.339%
19	12.867	1807	1812	1815	rBV5	7890	14756	1.80%	0.189%
20	12.953	1815	1826	1837	rVV4	37558	156835	19.12%	2.014%
21	13.044	1837	1841	1844	rBV	17403	23214	2.83%	0.298%
22	13.257	1873	1876	1879	rVB2	9657	12108	1.48%	0.155%
23	13.324	1879	1887	1890	rBV4	20138	40095	4.89%	0.515%
24	13.361	1890	1893	1897	rVV2	12810	20284	2.47%	0.260%
25	13.428	1897	1904	1913	rVB	505157	776644	94.69%	9.974%
26	13.593	1928	1931	1934	rVV3	12060	20430	2.49%	0.262%
27	13.629	1934	1937	1941	rVV	15878	31763	3.87%	0.408%
28	13.678	1942	1945	1952	rVV3	19708	45038	5.49%	0.578%
29	13.751	1953	1957	1961	rVV5	25283	41999	5.12%	0.539%
30	13.794	1961	1964	1969	rVB3	12584	20188	2.46%	0.259%
31	13.916	1981	1984	1988	rBV4	8213	13166	1.61%	0.169%
32	13.971	1989	1993	1998	rVB3	44935	68133	8.31%	0.875%
33	14.019	1998	2001	2006	rBV5	11984	20785	2.53%	0.267%
34	14.080	2006	2011	2017	rVB3	29074	50617	6.17%	0.650%
35	14.148	2017	2022	2028	rBV6	11586	25435	3.10%	0.327%
36	14.269	2034	2042	2045	rBV4	35180	81497	9.94%	1.047%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

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\82Y040822S.M
Title : SW846 8260

37	14.379	2057	2060	2063	rBV	11447	14871	1.81%	0.191%
38	14.428	2064	2068	2071	rVV4	16600	24853	3.03%	0.319%
39	14.477	2074	2076	2081	rVB3	7882	9461	1.15%	0.121%
40	14.568	2086	2091	2097	rVV4	24207	57953	7.07%	0.744%
41	14.617	2097	2099	2103	rVV2	13746	15558	1.90%	0.200%
42	14.684	2103	2110	2114	rVV3	71805	148121	18.06%	1.902%
43	14.733	2114	2118	2125	rVB2	63523	115704	14.11%	1.486%
44	14.849	2134	2137	2138	rBV3	8215	8798	1.07%	0.113%
45	14.946	2149	2153	2157	rVB4	25614	31808	3.88%	0.408%
46	15.056	2166	2171	2178	rVB2	29158	56263	6.86%	0.723%
47	15.147	2183	2186	2191	rVB3	23422	33912	4.13%	0.436%
48	15.220	2192	2198	2203	rBV2	44609	80183	9.78%	1.030%
49	15.294	2206	2210	2214	rBV	19693	29980	3.66%	0.385%
50	15.349	2215	2219	2223	rBV4	22391	38520	4.70%	0.495%
51	15.531	2242	2249	2256	rBV3	36680	93184	11.36%	1.197%
52	15.605	2257	2261	2267	rVB6	23107	42438	5.17%	0.545%
53	15.690	2267	2275	2278	rBV6	26138	66928	8.16%	0.859%
54	15.733	2278	2282	2287	rVB	39470	67928	8.28%	0.872%
55	15.824	2293	2297	2302	rVB7	14014	23652	2.88%	0.304%
56	15.891	2302	2308	2313	rBV3	19538	46404	5.66%	0.596%
57	16.037	2325	2332	2336	rBV2	37283	75324	9.18%	0.967%
58	16.080	2336	2339	2347	rVV5	16446	36628	4.47%	0.470%
59	16.159	2348	2352	2356	rVV2	26673	49791	6.07%	0.639%
60	16.233	2360	2364	2368	rVV2	37887	78578	9.58%	1.009%
61	16.293	2368	2374	2386	rVB	281634	585479	71.38%	7.519%
62	16.489	2399	2406	2420	rVB	145504	351072	42.80%	4.509%

Sum of corrected areas: 7786877

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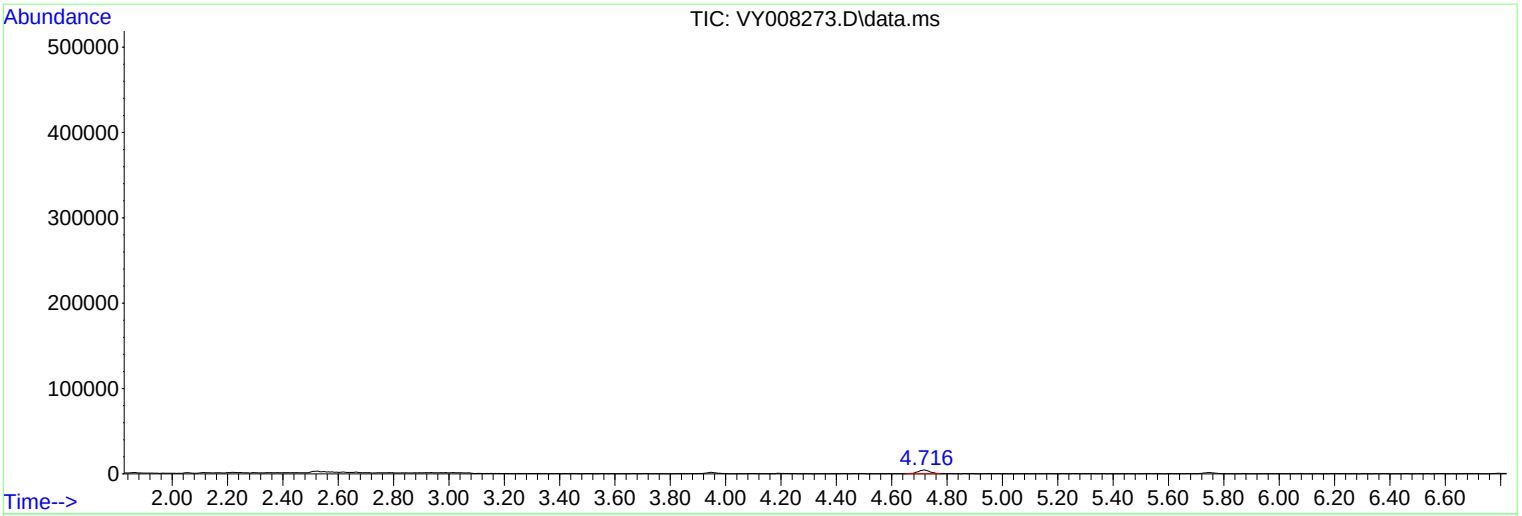
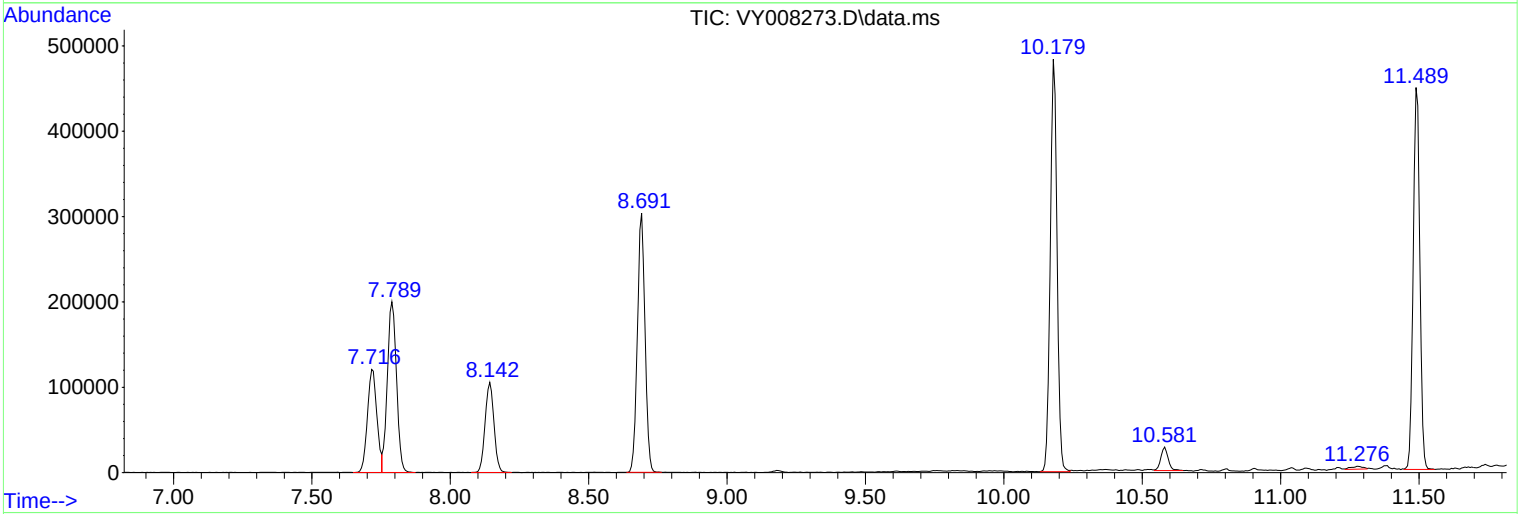
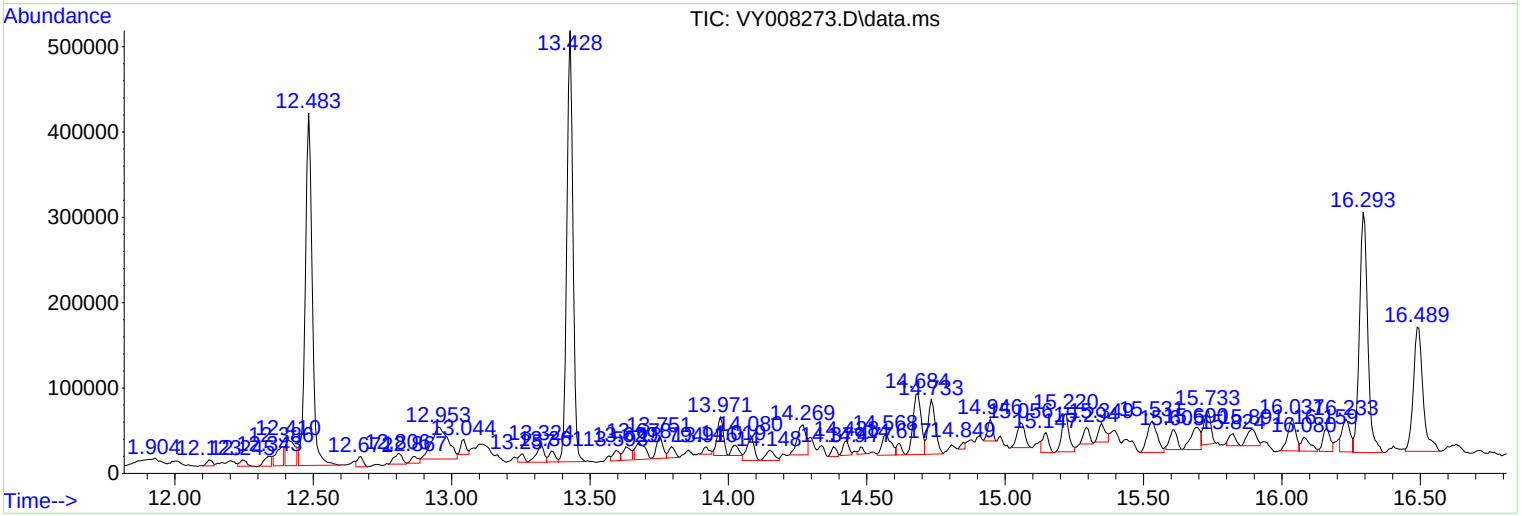
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
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Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

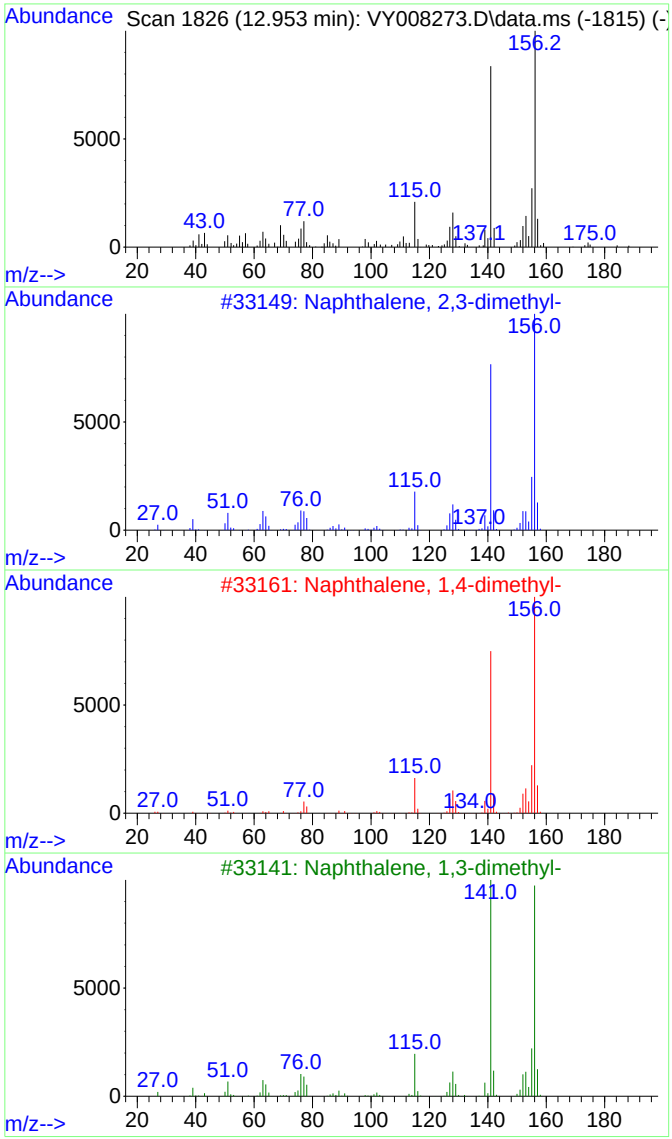
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

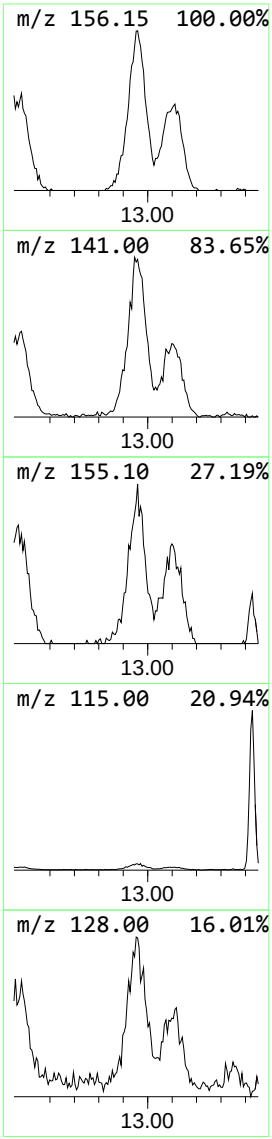
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.953	10.10 ug/l	156835	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

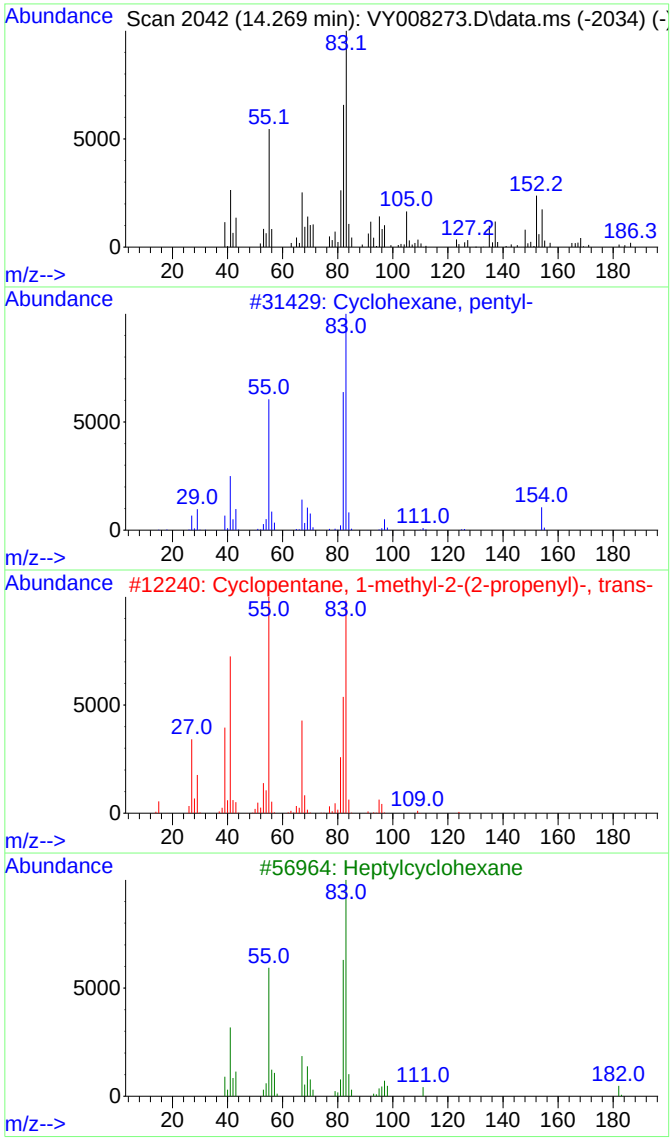
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

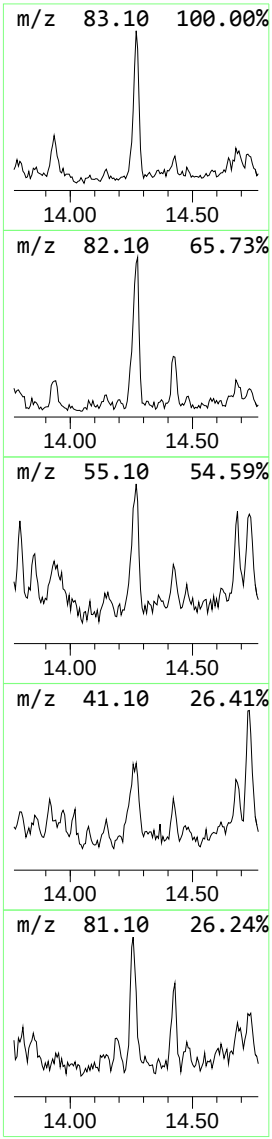
****

Peak Number 2 Cyclohexane, pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	5.25 ug/l	81497	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
2	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	64
3	Heptylcyclohexane	182	C13H26	005617-41-4	62
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

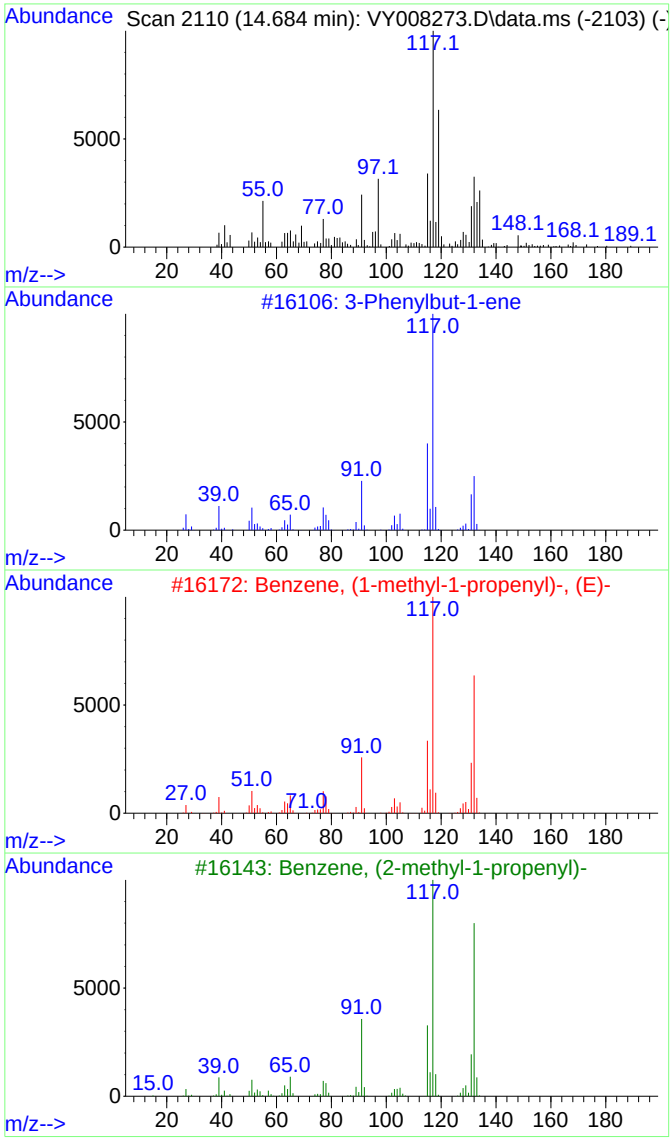
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

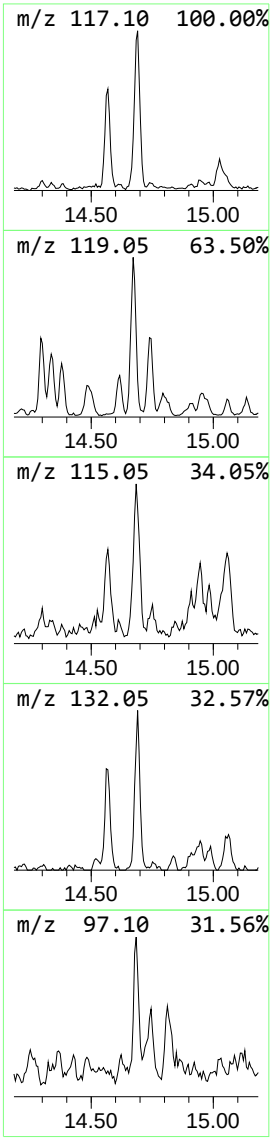
****

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	9.54 ug/l	148121	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

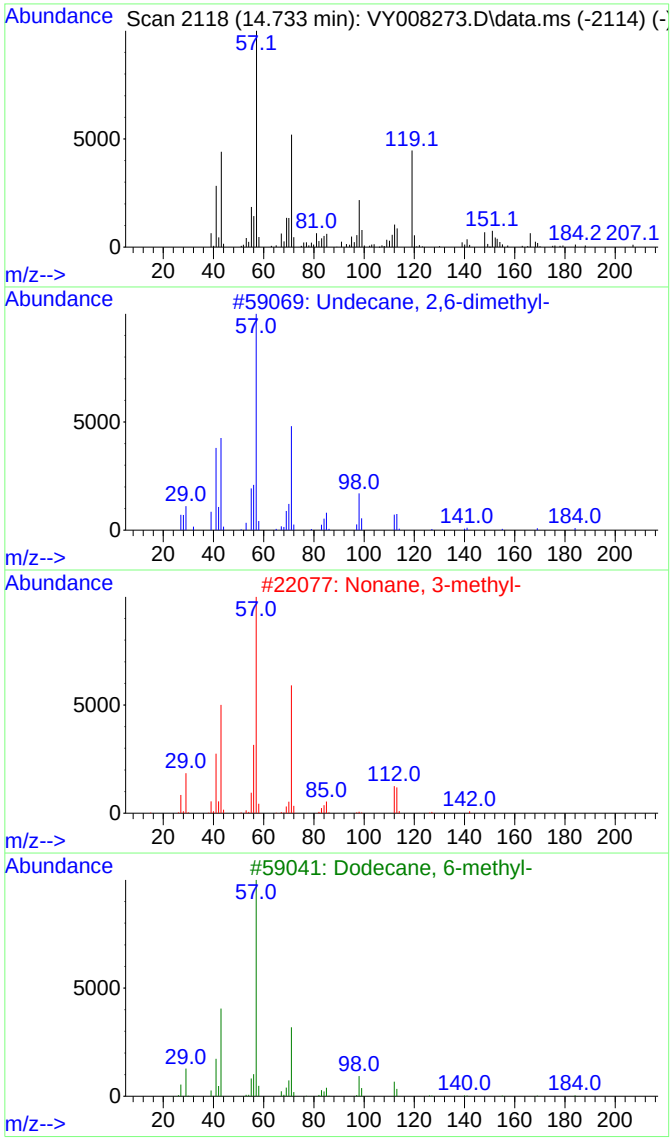
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

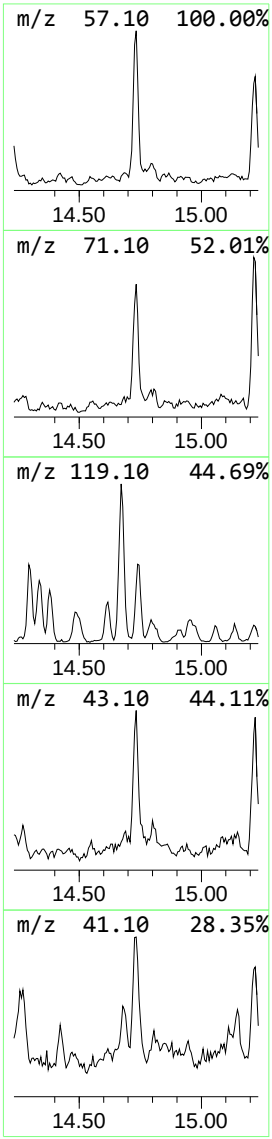
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	7.45 ug/l	115704	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
4	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	38
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

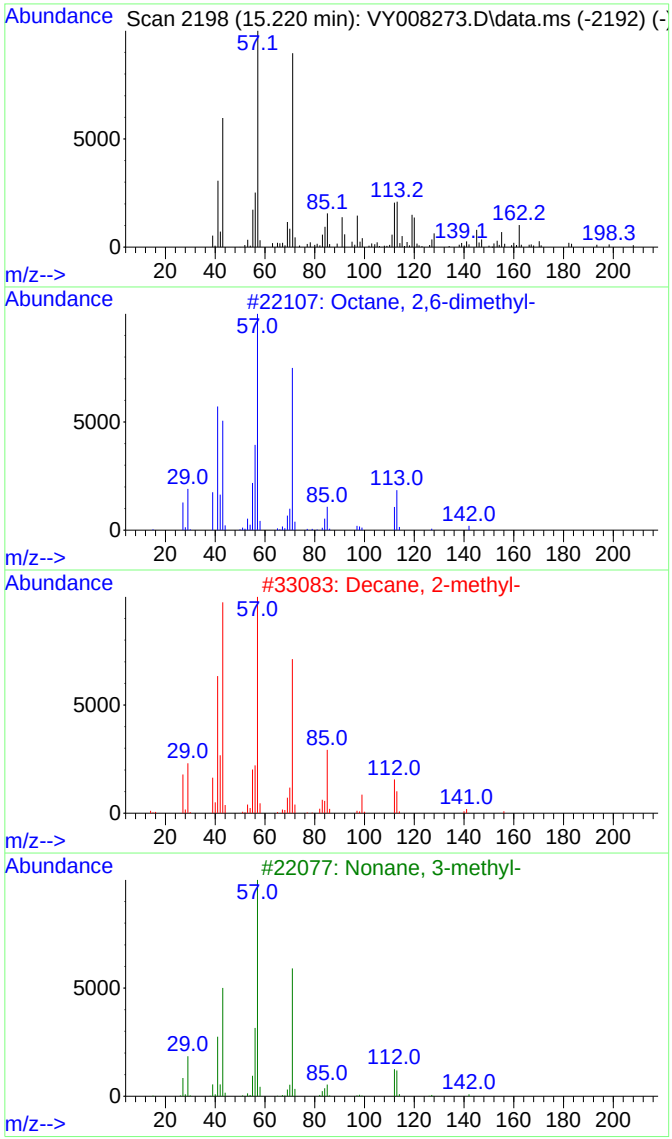
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

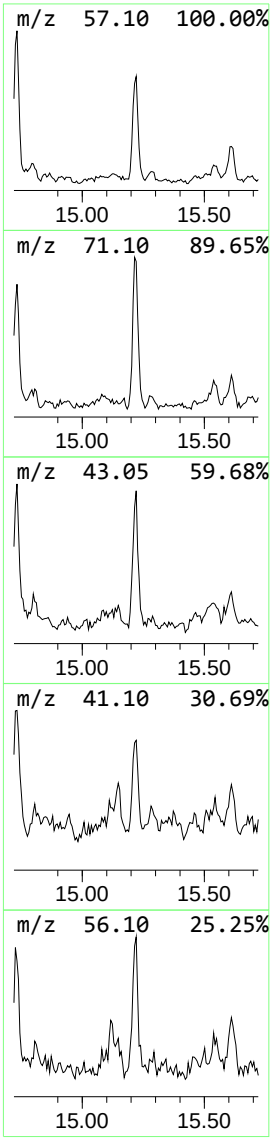
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.220	5.16 ug/l	80183	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
2	Decane, 2-methyl-	156	C11H24	006975-98-0	58
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	58
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	53
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

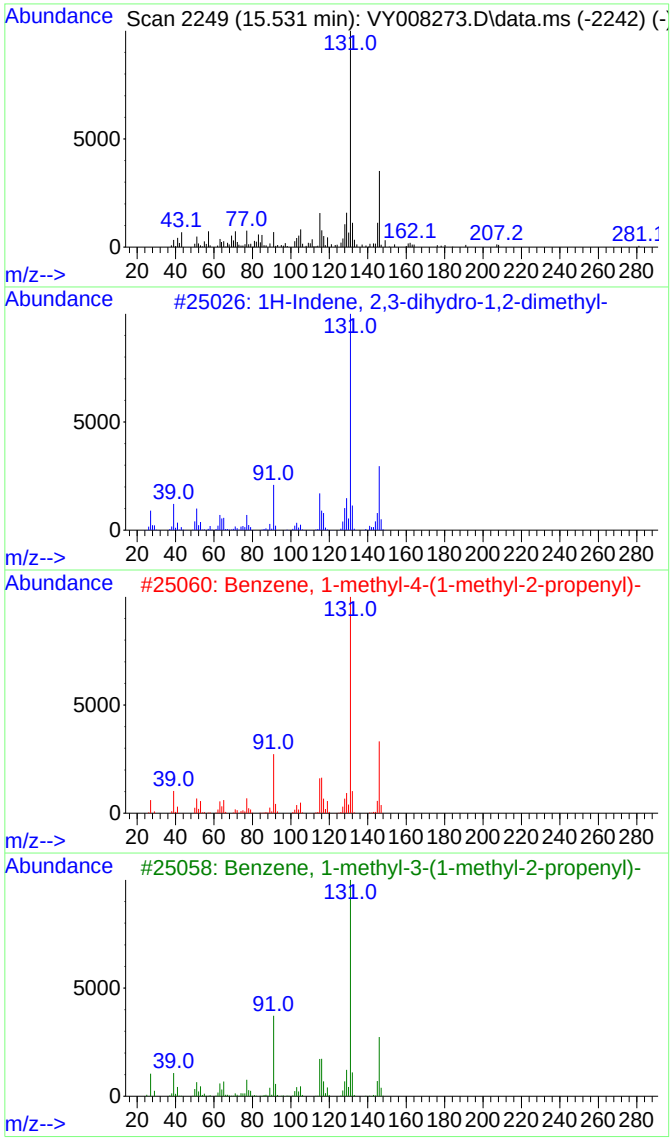
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

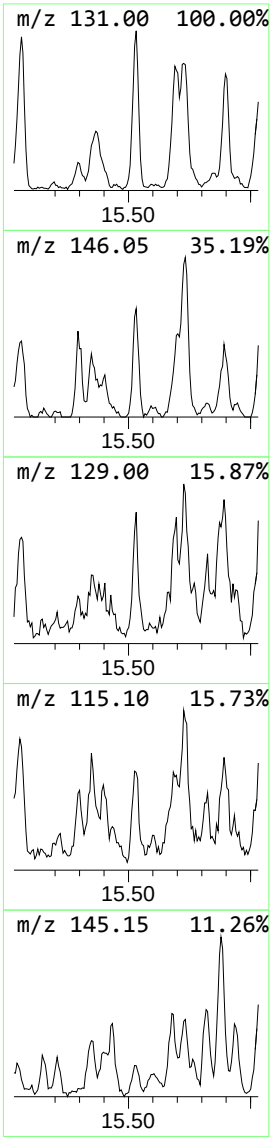
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.531	6.00 ug/l	93184	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

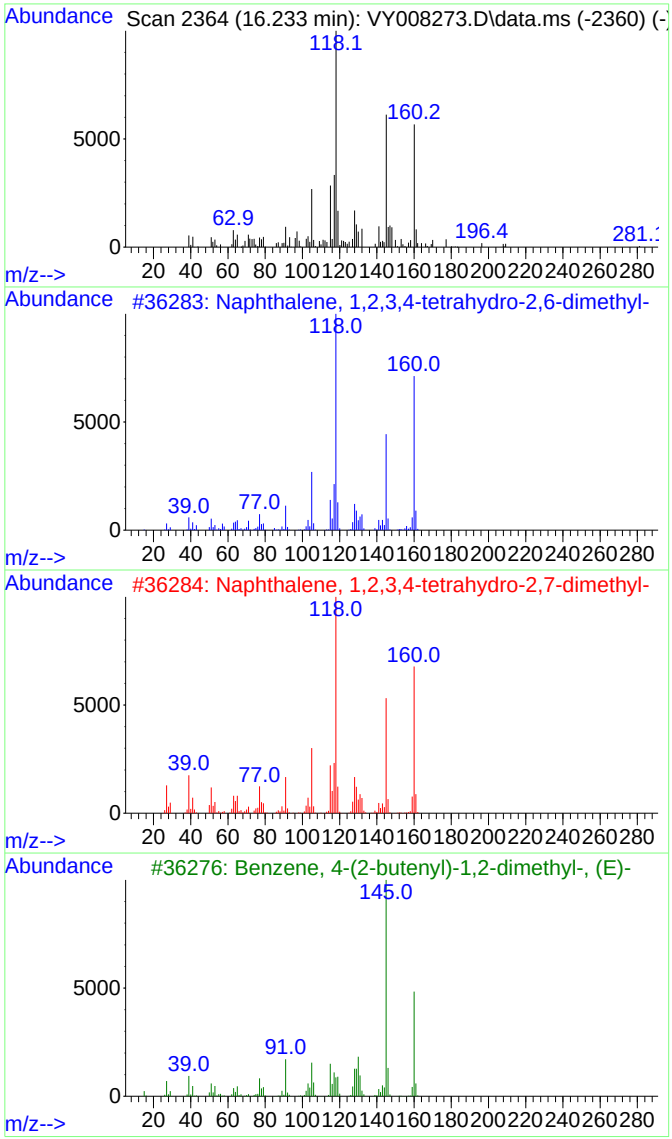
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

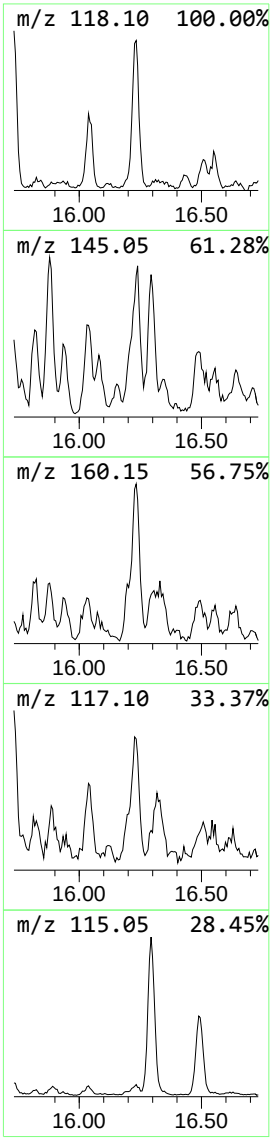
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	5.06 ug/l	78578	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

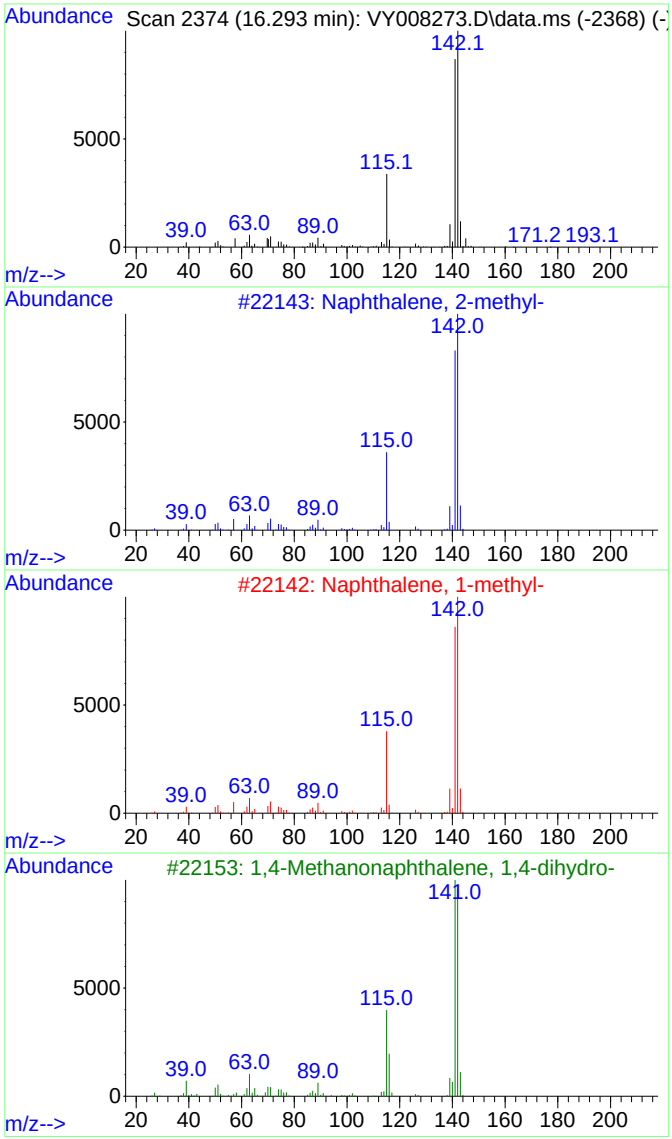
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

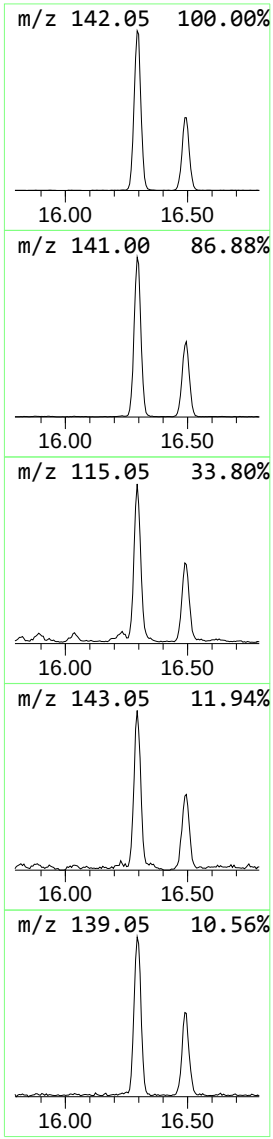
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	37.69 ug/l	585479	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

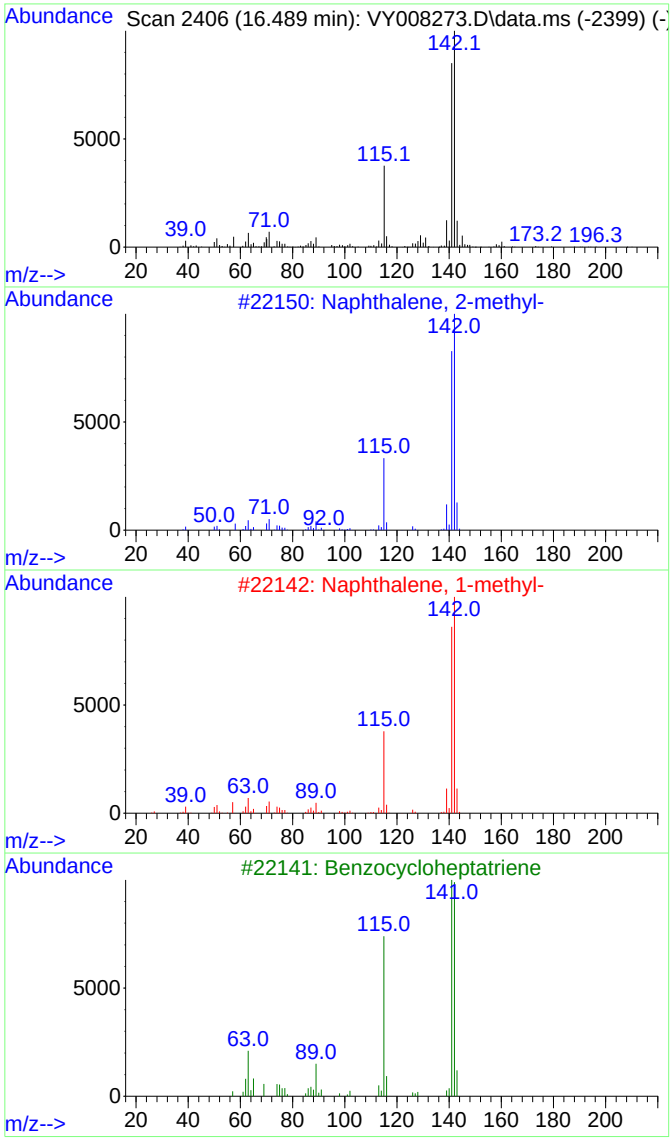
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260

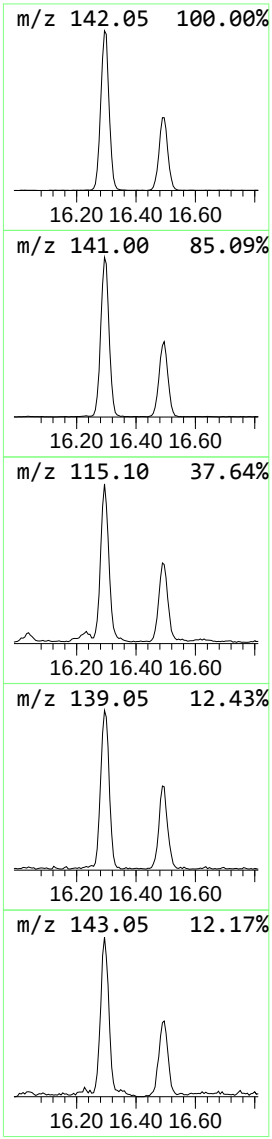
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	22.60 ug/l	351072	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
Data File : VY008273.D
Acq On : 11 Apr 2022 15:19
Operator : KP/MD
Sample : N2340-03
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-10.5-11.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.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
Naphthalene, 2,...	12.953	10.1	ug/l	156835	4	13.428	776644	50.0
Cyclohexane, pe...	14.269	5.3	ug/l	81497	4	13.428	776644	50.0
3-Phenylbut-1-ene	14.684	9.5	ug/l	148121	4	13.428	776644	50.0
Undecane, 2,6-d...	14.733	7.5	ug/l	115704	4	13.428	776644	50.0
Octane, 2,6-dim...	15.220	5.2	ug/l	80183	4	13.428	776644	50.0
1H-Indene, 2,3-...	15.531	6.0	ug/l	93184	4	13.428	776644	50.0
Naphthalene, 1,...	16.233	5.1	ug/l	78578	4	13.428	776644	50.0
Naphthalene, 2-...	16.294	37.7	ug/l	585479	4	13.428	776644	50.0
Naphthalene, 1-...	16.489	22.6	ug/l	351072	4	13.428	776644	50.0