LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006591.D
Acq On : 02 Nov 2021 20:57
Operator : SY/MD
Sample : M4427-08
Misc : 2.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

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\82Y102221S.M
Title : SW846 8260

Signal : TIC: VY006591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.229	61	67	77	rBV2	42035	77616	1.36%	0.153%
2	3.954	340	350	368	rBV	56368	163150	2.86%	0.321%
3	6.990	838	848	868	rVB2	34160	124218	2.18%	0.245%
4	7.728	956	969	974	rBV	111250	265759	4.65%	0.523%
5	7.801	974	981	989	rVB	194911	443828	7.77%	0.874%
6	8.149	1029	1038	1050	rBV	138320	313803	5.50%	0.618%
7	8.697	1119	1128	1135	rBV	321123	630701	11.05%	1.242%
8	8.777	1135	1141	1149	rVB	75477	145372	2.55%	0.286%
9	8.935	1159	1167	1174	rBV2	25981	57363	1.00%	0.113%
10	9.142	1194	1201	1205	rBV	31102	64608	1.13%	0.127%
11	9.527	1255	1264	1273	rVB3	36838	97780	1.71%	0.193%
12	9.752	1295	1301	1308	rBV3	52792	112361	1.97%	0.221%
13	10.118	1356	1361	1366	rVB	65988	104616	1.83%	0.206%
14	10.185	1366	1372	1381	rVB	517891	884413	15.49%	1.741%
15	10.563	1424	1434	1437	rBV3	23448	58012	1.02%	0.114%
16	10.697	1450	1456	1463	rBV2	47835	114556	2.01%	0.226%
17	10.795	1468	1472	1475	rVV2	65072	105177	1.84%	0.207%
18	10.831	1475	1478	1486	rVB3	63862	114520	2.01%	0.225%
19	10.904	1486	1490	1497	rBV2	47010	92096	1.61%	0.181%
20	10.971	1497	1501	1510	rBV4	21839	67475	1.18%	0.133%
21	11.087	1515	1520	1526	rVV2	50701	109309	1.91%	0.215%
22	11.148	1526	1530	1536	rVV2	65951	131320	2.30%	0.259%
23	11.221	1536	1542	1544	rVV3	80103	165791	2.90%	0.326%
24	11.264	1545	1549	1557	rVB4	118769	252189	4.42%	0.497%
25	11.496	1577	1587	1592	rBV	432557	783383	13.72%	1.542%
26	11.569	1592	1599	1604	rVB4	97148	241908	4.24%	0.476%
27	11.642	1604	1611	1618	rVB4	42843	102695	1.80%	0.202%
28	11.746	1621	1628	1633	rBV	89509	161174	2.82%	0.317%
29	11.886	1641	1651	1656	rBV5	77804	250309	4.38%	0.493%
30	11.941	1656	1660	1663	rVV2	72073	109317	1.91%	0.215%
31	12.008	1663	1671	1675	rVV5	59609	146085	2.56%	0.288%
32	12.093	1680	1685	1688	rBV7	25358	61063	1.07%	0.120%
33	12.209	1699	1704	1706	rBV3	76042	128316	2.25%	0.253%
34	12.239	1706	1709	1713	rVV4	71904	111155	1.95%	0.219%
35	12.282	1713	1716	1724	rVB4	128260	282245	4.94%	0.556%
36	12.386	1724	1733	1739	rBV5	220709	611137	10.70%	1.203%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
FDR-BH-2-20211029-6.5-7

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
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37	12.483	1744	1749	1754	rBV3	410256	748509	13.11%	1.474%
38	12.538	1754	1758	1759	rBV	145063	200368	3.51%	0.395%
39	12.630	1768	1773	1776	rBV2	142225	264972	4.64%	0.522%
40	12.709	1782	1786	1789	rBV	134148	217144	3.80%	0.428%
41	12.788	1794	1799	1803	rBV2	251964	471972	8.27%	0.929%
42	12.898	1813	1817	1822	rVB5	109378	189869	3.33%	0.374%
43	13.075	1837	1846	1854	rVB4	1307101	3097606	54.25%	6.099%
44	13.142	1854	1857	1859	rBV2	196401	272246	4.77%	0.536%
45	13.178	1860	1863	1869	rVB3	493424	846005	14.82%	1.666%
46	13.251	1870	1875	1877	rBV2	212753	356202	6.24%	0.701%
47	13.288	1877	1881	1885	rVV2	306925	459127	8.04%	0.904%
48	13.355	1887	1892	1897	rVV	1437566	2464956	43.17%	4.853%
49	13.416	1897	1902	1909	rVB2	1199561	2401087	42.05%	4.728%
50	13.483	1909	1913	1914	rBV2	335176	424804	7.44%	0.836%
51	13.514	1915	1918	1922	rVB3	560437	852501	14.93%	1.679%
52	13.617	1929	1935	1941	rBV4	918102	2231094	39.07%	4.393%
53	13.678	1941	1945	1948	rVV	583417	855564	14.98%	1.685%
54	13.721	1948	1952	1957	rVB3	658690	1249967	21.89%	2.461%
55	13.788	1957	1963	1970	rBV2	3228088	5710251	100.00%	11.243%
56	13.855	1970	1974	1980	rVV2	1232949	1880677	32.94%	3.703%
57	13.953	1986	1990	1995	rBV5	301438	666543	11.67%	1.312%
58	14.007	1996	1999	2002	rBV2	237675	254313	4.45%	0.501%
59	14.044	2002	2005	2007	rBV	384461	501722	8.79%	0.988%
60	14.081	2007	2011	2017	rVB	2443767	3402943	59.59%	6.700%
61	14.184	2025	2028	2034	rVB3	324863	642997	11.26%	1.266%
62	14.270	2037	2042	2043	rBV	297203	458745	8.03%	0.903%
63	14.379	2056	2060	2064	rVB2	506292	677441	11.86%	1.334%
64	14.465	2071	2074	2080	rBV3	142468	291222	5.10%	0.573%
65	14.532	2082	2085	2089	rBV	392002	612341	10.72%	1.206%
66	14.623	2095	2100	2104	rBV3	391001	663236	11.61%	1.306%
67	14.721	2111	2116	2118	rBV3	330524	589720	10.33%	1.161%
68	14.757	2118	2122	2133	rVB	1381318	2399535	42.02%	4.725%
69	14.855	2133	2138	2141	rBV5	334313	664804	11.64%	1.309%
70	14.952	2148	2154	2163	rVB8	442676	1294244	22.67%	2.548%
71	15.062	2169	2172	2176	rBV2	184740	226883	3.97%	0.447%
72	15.215	2194	2197	2202	rVB	339041	529490	9.27%	1.043%
73	15.288	2205	2209	2214	rVB	281126	494625	8.66%	0.974%
74	15.343	2215	2218	2223	rVB3	177574	272743	4.78%	0.537%
75	15.501	2239	2244	2252	rBV2	988541	2098126	36.74%	4.131%
76	15.568	2252	2255	2258	rVV3	285007	416908	7.30%	0.821%

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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FDR-BH-2-20211029-6.5-7

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Title : SW846 8260

77	15.879	2302	2306	2315	rVB2	205466	493409	8.64%	0.972%
78	16.013	2324	2328	2331	rBV2	135608	256626	4.49%	0.505%

Sum of corrected areas: 50788357

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MSVOA_Y
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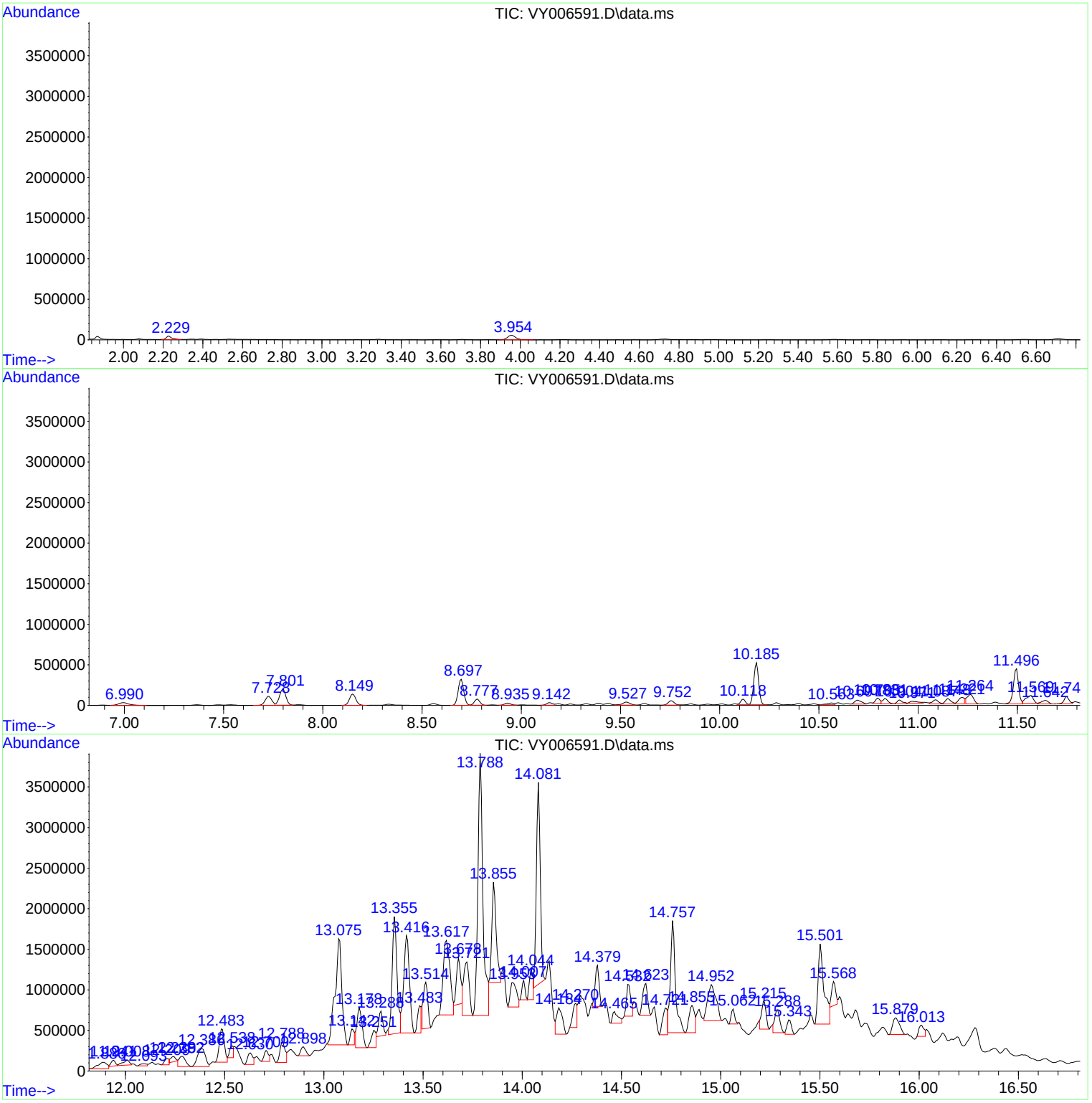
FDR-BH-2-20211029-6.5-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

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



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MSVOA_Y
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FDR-BH-2-20211029-6.5-7

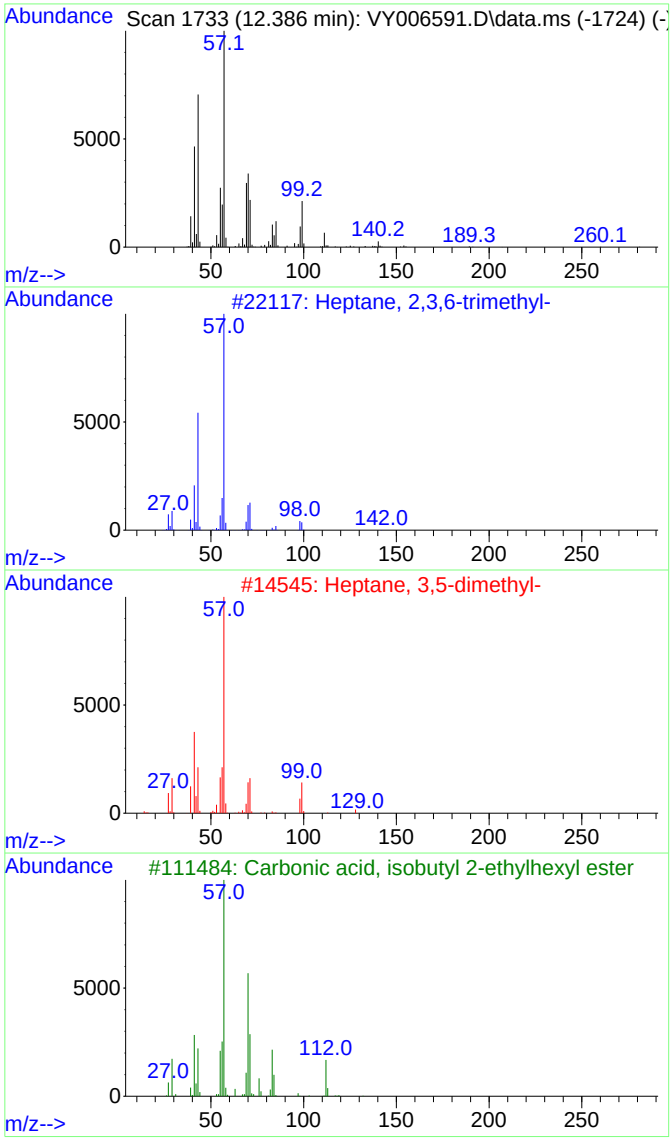
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

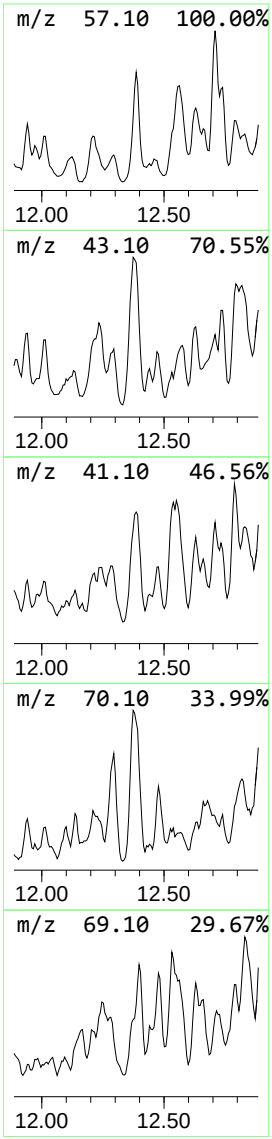
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	39.01 ug/l	611137	Chlorobenzene-d5	11.496

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
3	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	50
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47





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Operator : SY/MD
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

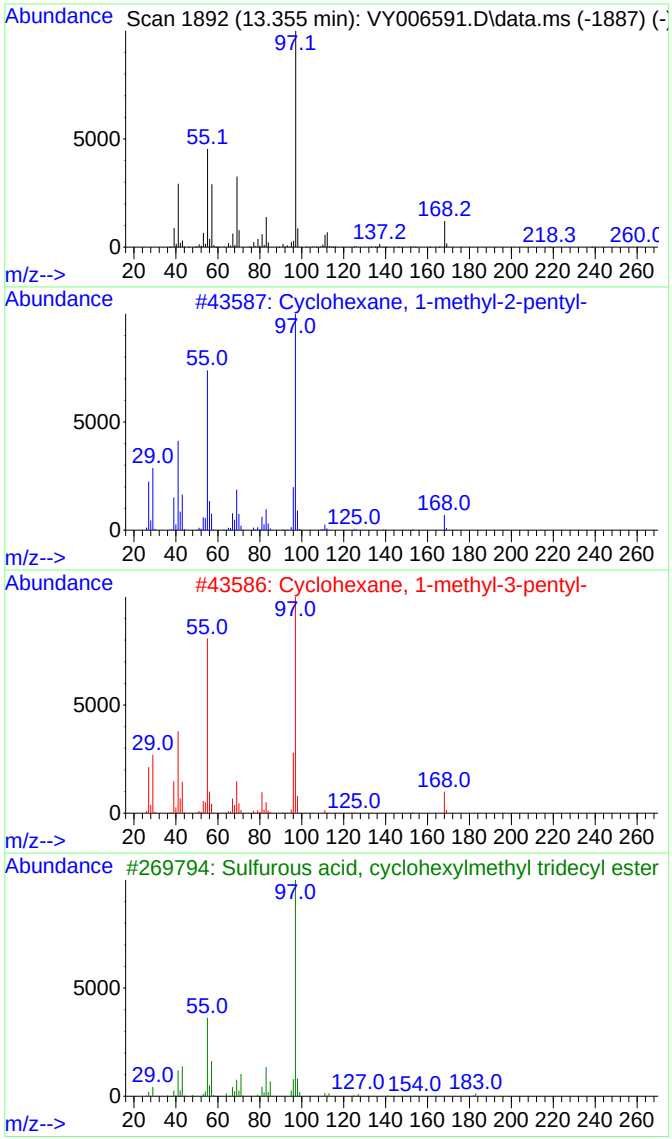
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

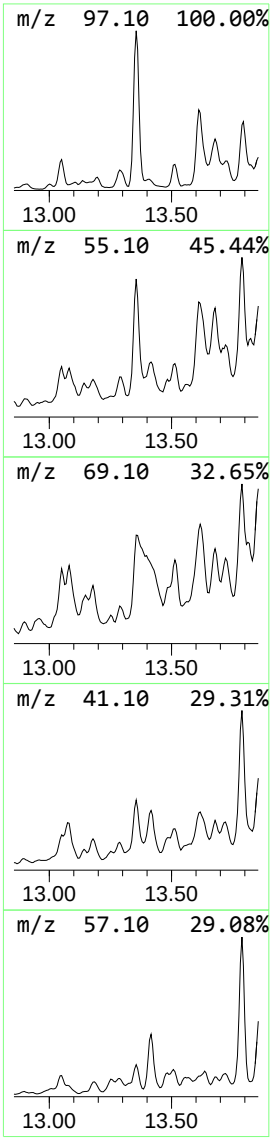
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-methyl-2-pen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.355	51.33 ug/l	2464960	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	72
2	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	64
3	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	64
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	64
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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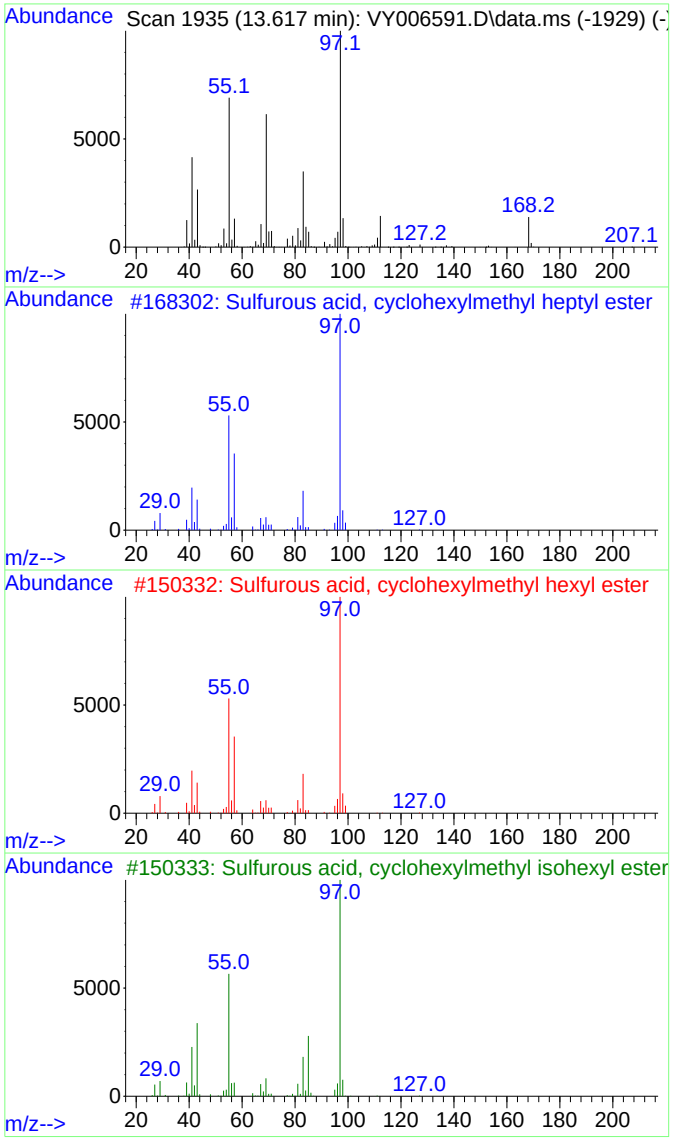
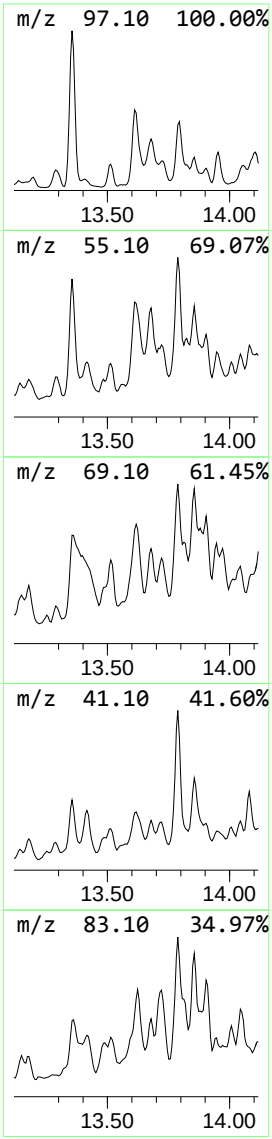
****
Peak Number 3 Sulfurous acid, cyclohexylm... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	46.46 ug/l	2231090	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	59
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	59
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53
5	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	53





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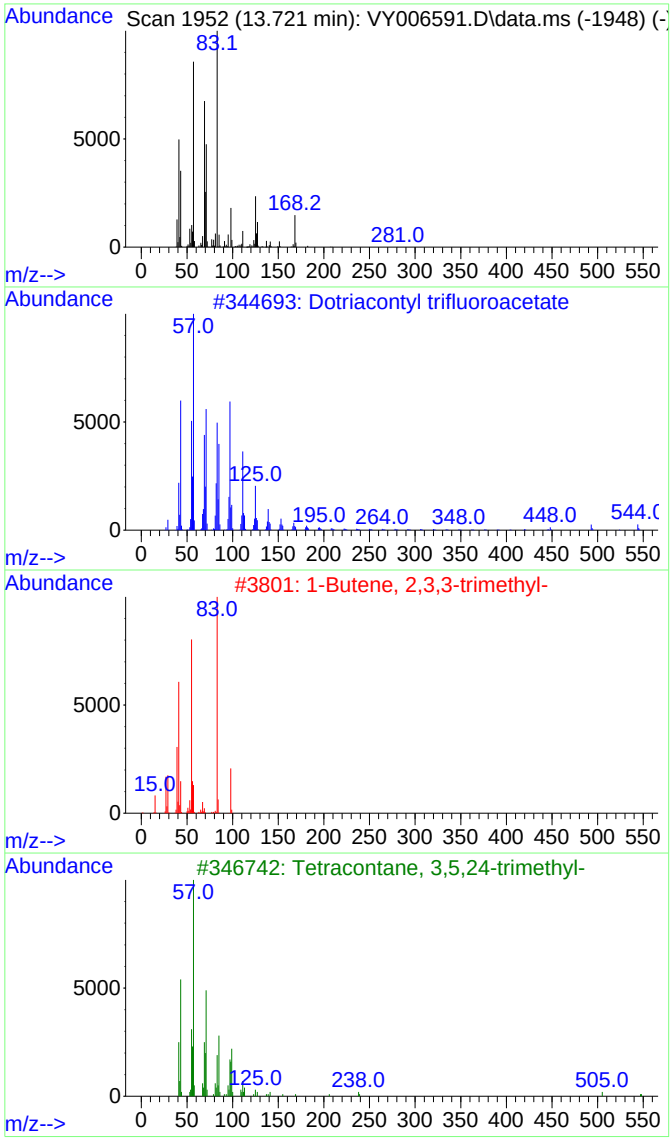
Quant Title : SW846 8260

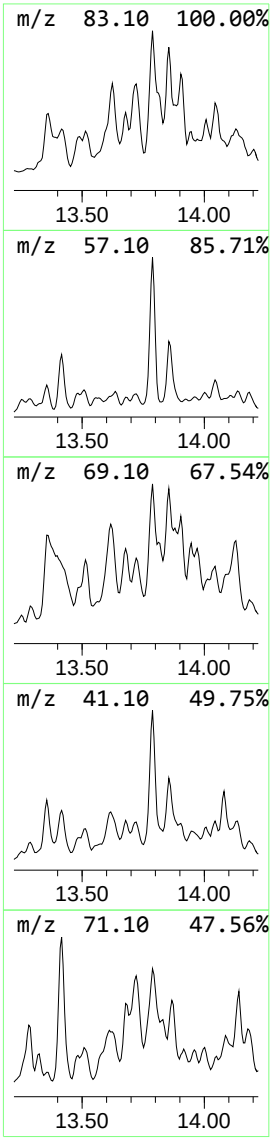
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown13.721 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	26.03 ug/l	1249970	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	42
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	35
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	25
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	22
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	22





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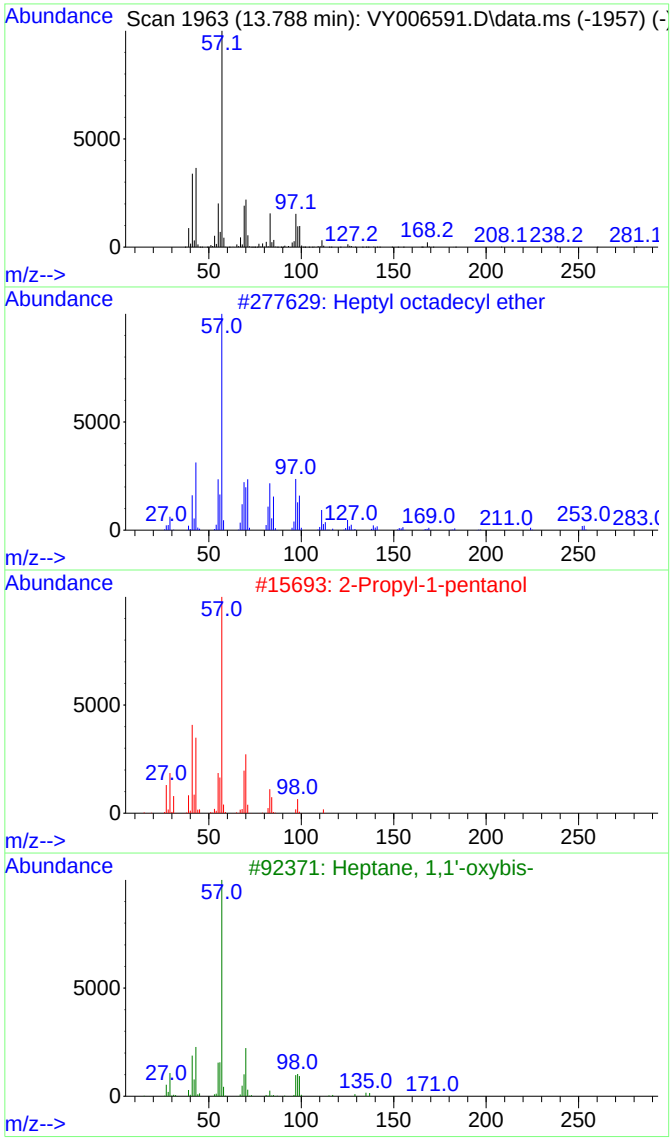
Quant Title : SW846 8260

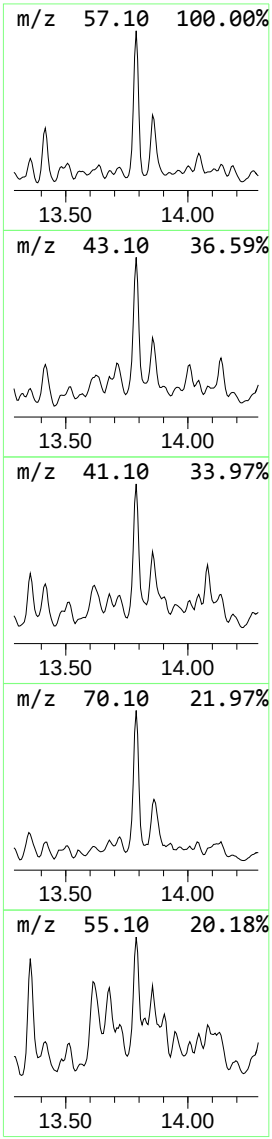
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptyl octadecyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	118.91 ug/l	5710250	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl octadecyl ether	368	C25H52O	1000406-39-5	74
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	2,4-Dimethylpentan-3-yl isobutyl...	216	C12H24O3	1000372-75-3	43
5	2-Azido-2,4,4,6,6-pentamethylhep...	211	C12H25N3	1000293-29-0	43





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TIC Library : C:\Database\NIST20.L
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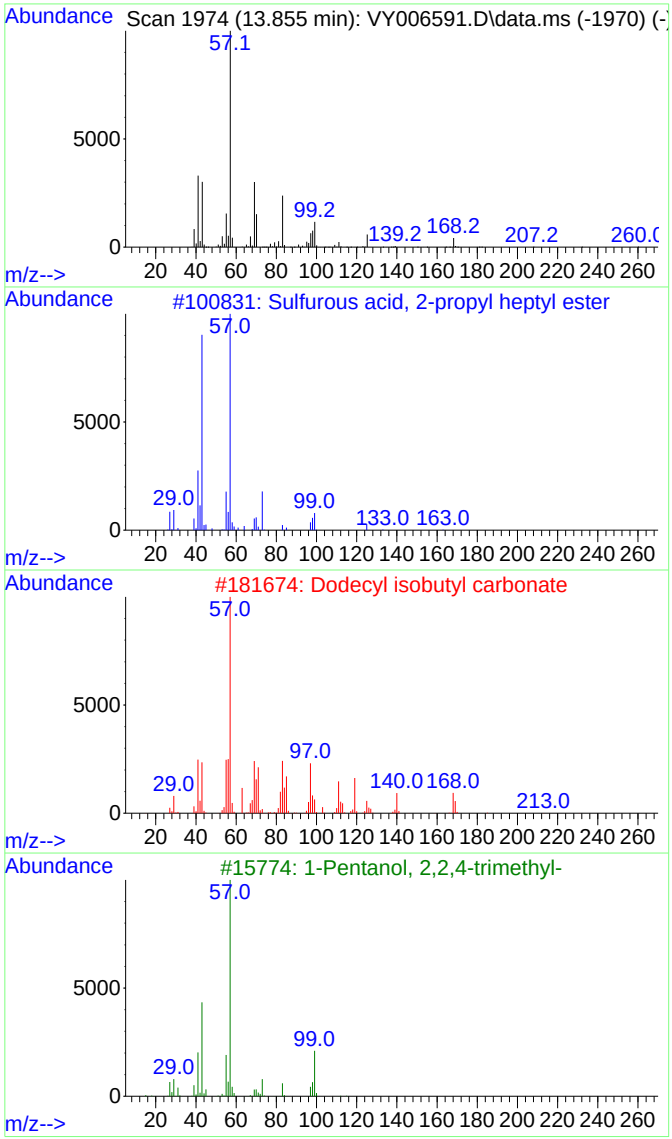
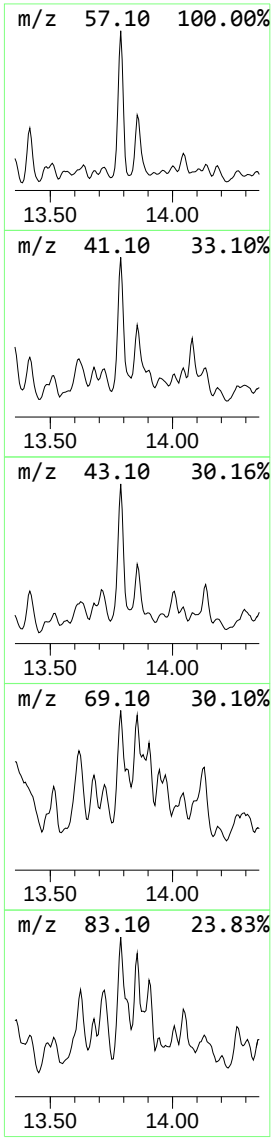
****

Peak Number 6 unknown13.855 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.855	39.16 ug/l	1880680	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl heptyl ...	222	C10H22O3S	1000309-11-8	40
2	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	39
3	1-Pentanol, 2,2,4-trimethyl-	130	C8H18O	000123-44-4	38
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006591.D
Acq On : 02 Nov 2021 20:57
Operator : SY/MD
Sample : M4427-08
Misc : 2.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

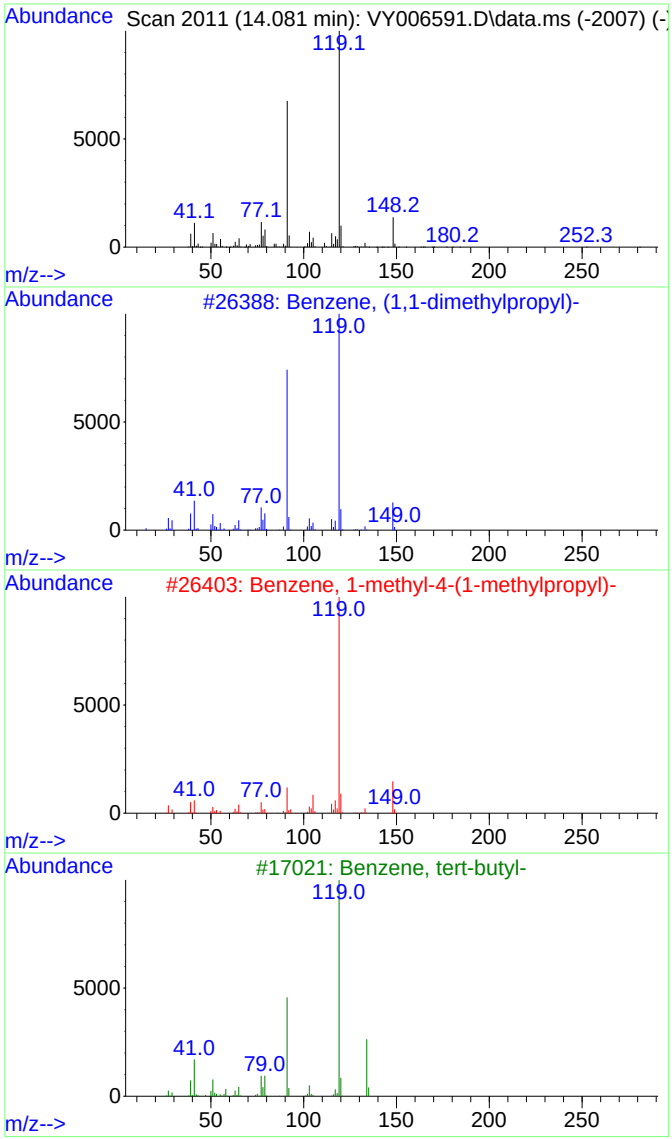
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

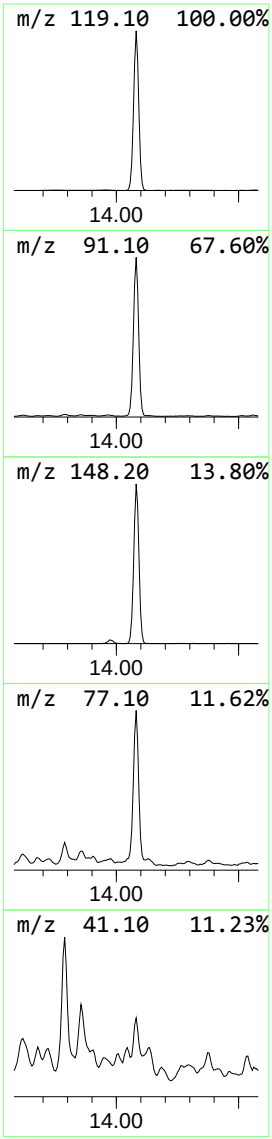
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1,1-dimethylpropyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	70.86 ug/l	3402940	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	97
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	86
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	86
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006591.D
Acq On : 02 Nov 2021 20:57
Operator : SY/MD
Sample : M4427-08
Misc : 2.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

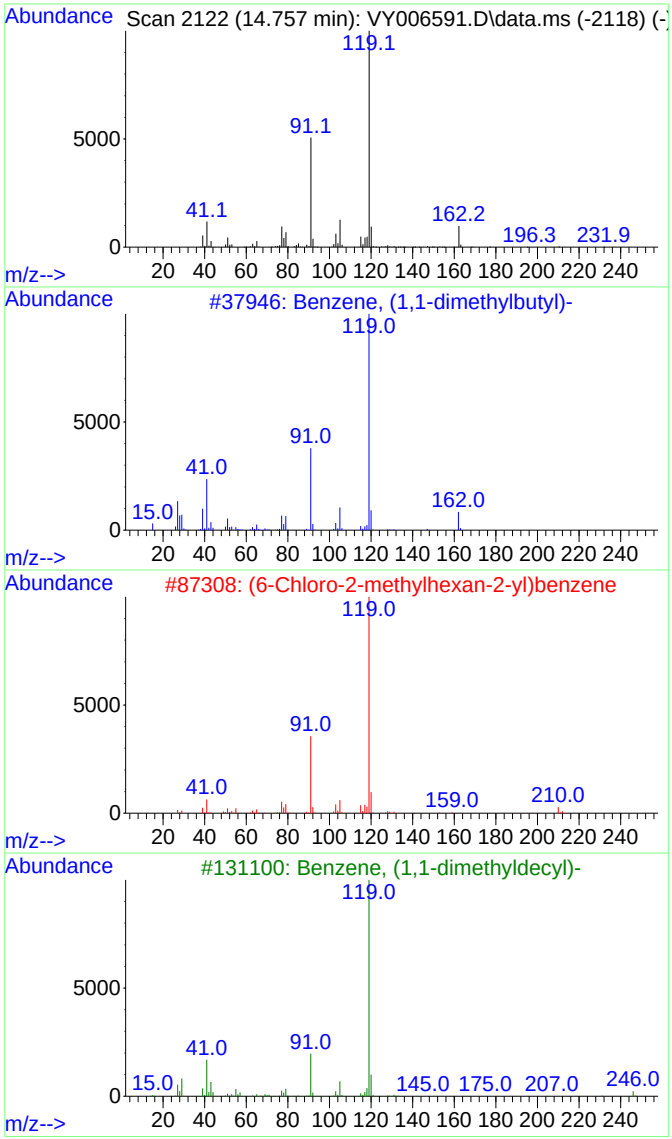
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

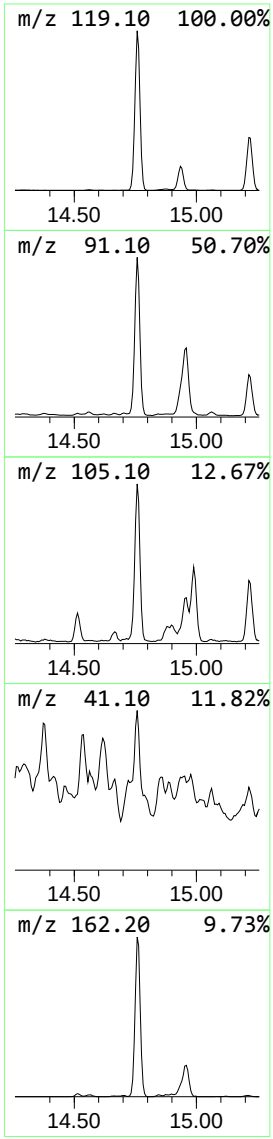
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,1-dimethylbutyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	49.97 ug/l	2399540	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	91
2	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	90
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
5	Benzene, tert-butyl-	134	C10H14	000098-06-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006591.D
Acq On : 02 Nov 2021 20:57
Operator : SY/MD
Sample : M4427-08
Misc : 2.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

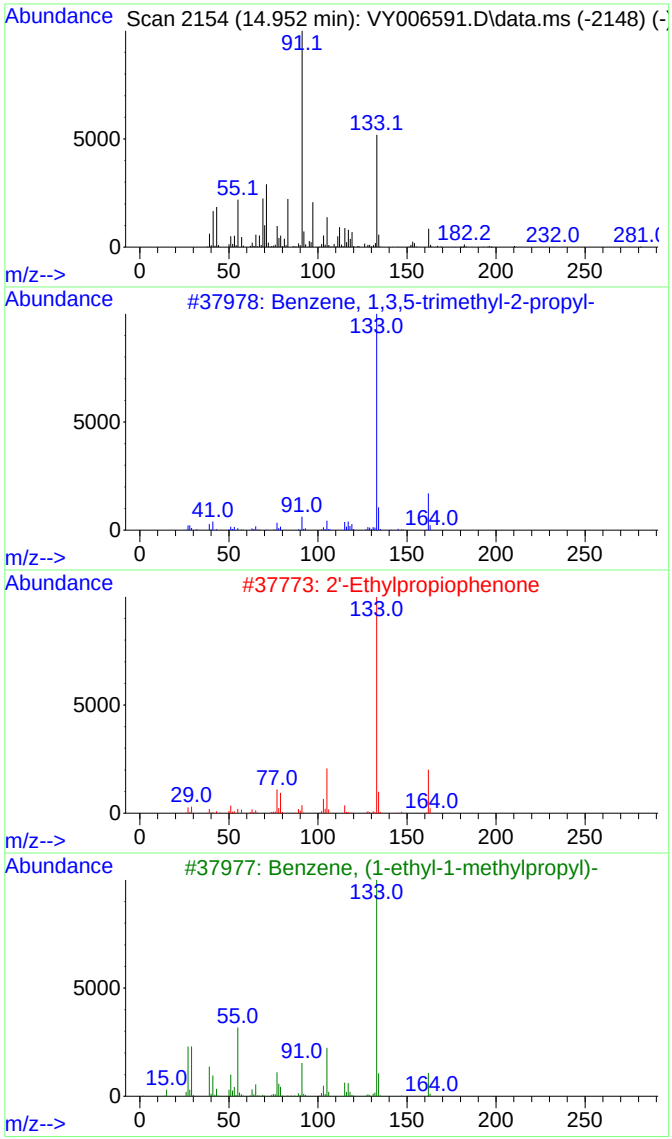
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

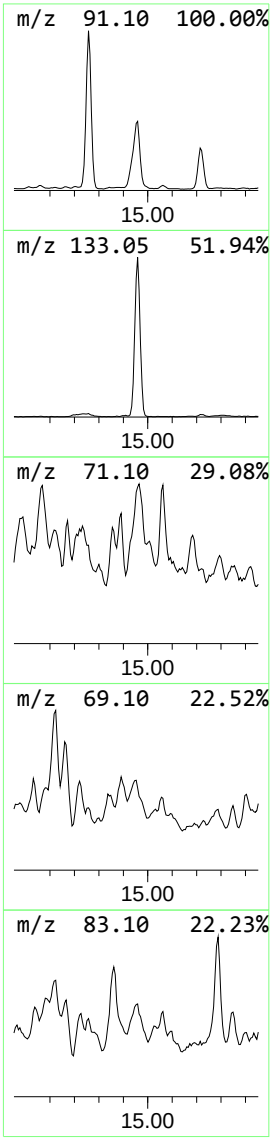
****

Peak Number 9 unknown14.952 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	26.95 ug/l	1294240	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	42
2	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	30
3	Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	25
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	22
5	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	18





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006591.D
Acq On : 02 Nov 2021 20:57
Operator : SY/MD
Sample : M4427-08
Misc : 2.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

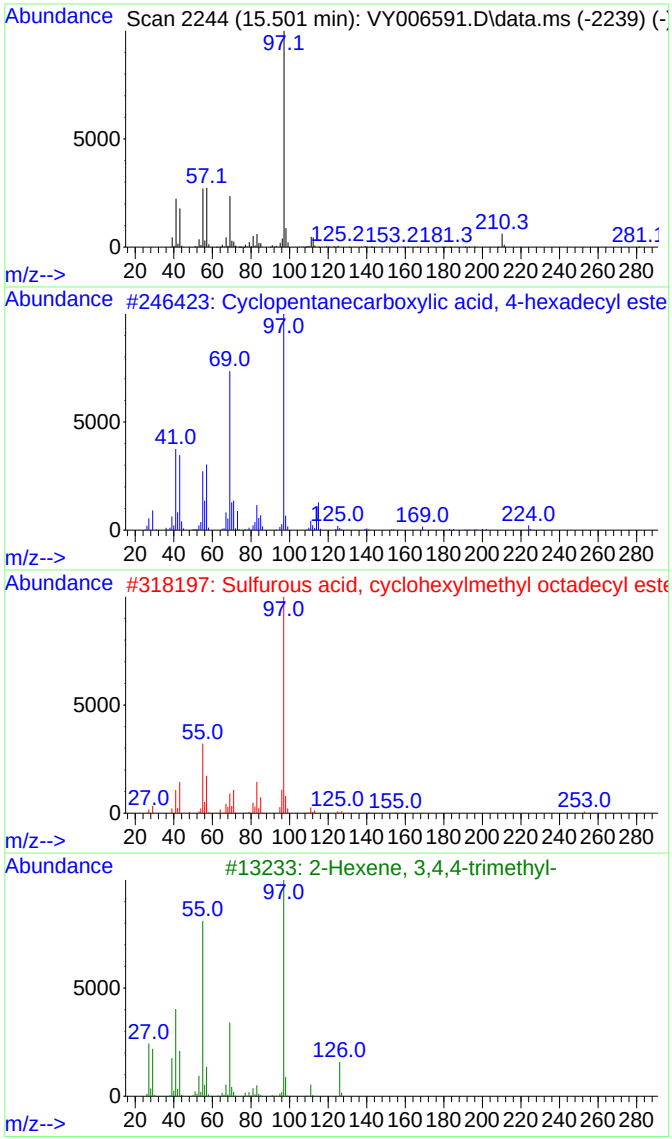
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260

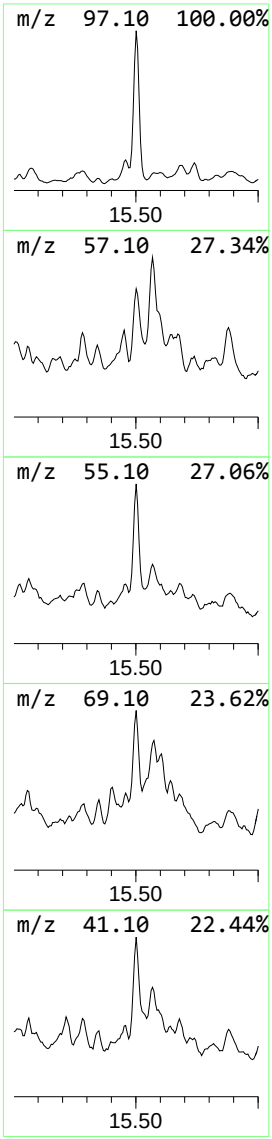
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentanecarboxylic acid... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	43.69 ug/l	2098130	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	78
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	64
5	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1010221-97-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
Data File : VY006591.D
Acq On : 02 Nov 2021 20:57
Operator : SY/MD
Sample : M4427-08
Misc : 2.90G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.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
Heptane, 2,3,6-...	12.386	39.0	ug/l	611137	3	11.496	783383	50.0
Cyclohexane, 1-...	13.355	51.3	ug/l	2464960	4	13.428	2401090	50.0
Sulfurous acid,...	13.617	46.5	ug/l	2231090	4	13.428	2401090	50.0
unknown13.721	13.721	26.0	ug/l	1249970	4	13.428	2401090	50.0
Heptyl octadecy...	13.788	118.9	ug/l	5710250	4	13.428	2401090	50.0
unknown13.855	13.855	39.2	ug/l	1880680	4	13.428	2401090	50.0
Benzene, (1,1-d...	14.081	70.9	ug/l	3402940	4	13.428	2401090	50.0
Benzene, (1,1-d...	14.757	50.0	ug/l	2399540	4	13.428	2401090	50.0
unknown14.952	14.952	26.9	ug/l	1294240	4	13.428	2401090	50.0
Cyclopentanecar...	15.501	43.7	ug/l	2098130	4	13.428	2401090	50.0