LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

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\82X012521W.M
Title : SW846 8260

Signal : TIC: VX020750.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.471	59	63	67	rBV	59146	63359	1.59%	0.247%
2	2.130	163	171	194	rBV	2620439	3983953	100.00%	15.555%
3	5.458	706	717	729	rBV	180707	529895	13.30%	2.069%
4	5.623	731	744	759	rVB	314242	868196	21.79%	3.390%
5	6.025	798	810	818	rBV	198821	524447	13.16%	2.048%
6	6.105	818	823	834	rVB2	57550	150633	3.78%	0.588%
7	6.824	931	941	954	rBV	484210	1145283	28.75%	4.472%
8	7.281	1008	1016	1030	rBV	47916	112762	2.83%	0.440%
9	8.696	1231	1248	1254	rBV	1025072	1634805	41.03%	6.383%
10	8.763	1254	1259	1271	rVB	925666	1367887	34.33%	5.341%
11	10.092	1472	1477	1484	rBV	1085719	1439568	36.13%	5.621%
12	10.232	1494	1500	1506	rBV	98848	133635	3.35%	0.522%
13	10.336	1510	1517	1524	rVV	843500	1174218	29.47%	4.585%
14	10.677	1568	1573	1584	rBV	480470	647759	16.26%	2.529%
15	11.122	1640	1646	1657	rBV	898348	1172793	29.44%	4.579%
16	11.415	1689	1694	1701	rBV	299908	503448	12.64%	1.966%
17	11.488	1701	1706	1709	rBV	150170	194390	4.88%	0.759%
18	11.652	1727	1733	1740	rVB	155315	204004	5.12%	0.797%
19	11.793	1751	1756	1766	rVB	585960	754549	18.94%	2.946%
20	12.061	1795	1800	1805	rBV	1153952	1388511	34.85%	5.421%
21	12.122	1805	1810	1816	rVV	211260	292890	7.35%	1.144%
22	12.280	1829	1836	1839	rBV2	161340	233101	5.85%	0.910%
23	12.354	1844	1848	1855	rVB2	120367	186091	4.67%	0.727%
24	12.457	1859	1865	1869	rBV	130617	167987	4.22%	0.656%
25	12.500	1869	1872	1878	rVB	54916	77630	1.95%	0.303%
26	12.567	1878	1883	1885	rBV	69217	92014	2.31%	0.359%
27	12.591	1885	1887	1891	rVV	59938	66053	1.66%	0.258%
28	12.652	1893	1897	1900	rVV	85021	92318	2.32%	0.360%
29	12.738	1905	1911	1919	rVB4	52066	130738	3.28%	0.510%
30	12.860	1923	1931	1933	rBV6	29773	62377	1.57%	0.244%
31	12.884	1933	1935	1939	rVB	35519	39860	1.00%	0.156%
32	12.957	1944	1947	1951	rVV	53517	67990	1.71%	0.265%
33	13.000	1951	1954	1961	rVB	117870	170580	4.28%	0.666%
34	13.079	1961	1967	1970	rBV3	47899	81476	2.05%	0.318%
35	13.207	1981	1988	1992	rBV3	84360	135313	3.40%	0.528%
36	13.305	1998	2004	2006	rBV	185980	267699	6.72%	1.045%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

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\82X012521W.M
Title : SW846 8260

37	13.329	2006	2008	2013	rVB2	246126	304494	7.64%	1.189%
38	13.420	2019	2023	2026	rBV2	39771	50556	1.27%	0.197%
39	13.463	2026	2030	2038	rVB	171366	275246	6.91%	1.075%
40	13.542	2038	2043	2046	rBV3	32966	51055	1.28%	0.199%
41	13.622	2052	2056	2061	rBV3	52910	91216	2.29%	0.356%
42	13.713	2067	2071	2074	rBV2	31840	50632	1.27%	0.198%
43	13.817	2084	2088	2094	rVB	139479	198436	4.98%	0.775%
44	13.890	2094	2100	2105	rVB4	102289	207464	5.21%	0.810%
45	13.963	2106	2112	2117	rBV4	86883	148960	3.74%	0.582%
46	14.073	2127	2130	2134	rVB	227490	249184	6.25%	0.973%
47	14.115	2134	2137	2140	rBV2	59898	72843	1.83%	0.284%
48	14.268	2156	2162	2167	rVB	229074	341168	8.56%	1.332%
49	14.359	2173	2177	2182	rBV4	36377	50424	1.27%	0.197%
50	14.414	2182	2186	2189	rBV2	67111	88488	2.22%	0.345%
51	14.518	2199	2203	2213	rBV5	176656	330809	8.30%	1.292%
52	14.603	2213	2217	2222	rVB4	36468	56028	1.41%	0.219%
53	14.652	2222	2225	2227	rBV2	183185	225360	5.66%	0.880%
54	14.676	2227	2229	2232	rVV	131910	153137	3.84%	0.598%
55	14.713	2232	2235	2239	rVB3	74295	97158	2.44%	0.379%
56	14.792	2245	2248	2251	rVV	329353	364861	9.16%	1.425%
57	14.823	2251	2253	2256	rVV2	84552	108646	2.73%	0.424%
58	14.859	2257	2259	2261	rVV3	52235	68419	1.72%	0.267%
59	14.884	2261	2263	2267	rVV3	63761	89281	2.24%	0.349%
60	14.945	2270	2273	2283	rVB2	42465	86327	2.17%	0.337%
61	15.091	2292	2297	2300	rBV5	25669	42389	1.06%	0.166%
62	15.140	2302	2305	2310	rBV6	27786	52333	1.31%	0.204%
63	15.225	2315	2319	2321	rVV2	128590	180031	4.52%	0.703%
64	15.255	2321	2324	2328	rVV	165535	226410	5.68%	0.884%
65	15.323	2332	2335	2339	rVV2	60585	78838	1.98%	0.308%
66	15.420	2347	2351	2358	rBV5	44716	82439	2.07%	0.322%
67	15.536	2365	2370	2376	rBV	339837	494854	12.42%	1.932%
68	15.664	2387	2391	2395	rBV4	48689	67624	1.70%	0.264%
69	16.085	2457	2460	2465	rVB3	41142	65098	1.63%	0.254%
70	16.146	2466	2470	2472	rBV5	28062	47913	1.20%	0.187%
71	16.438	2512	2518	2527	rVB	209165	356187	8.94%	1.391%

Sum of corrected areas: 25612520

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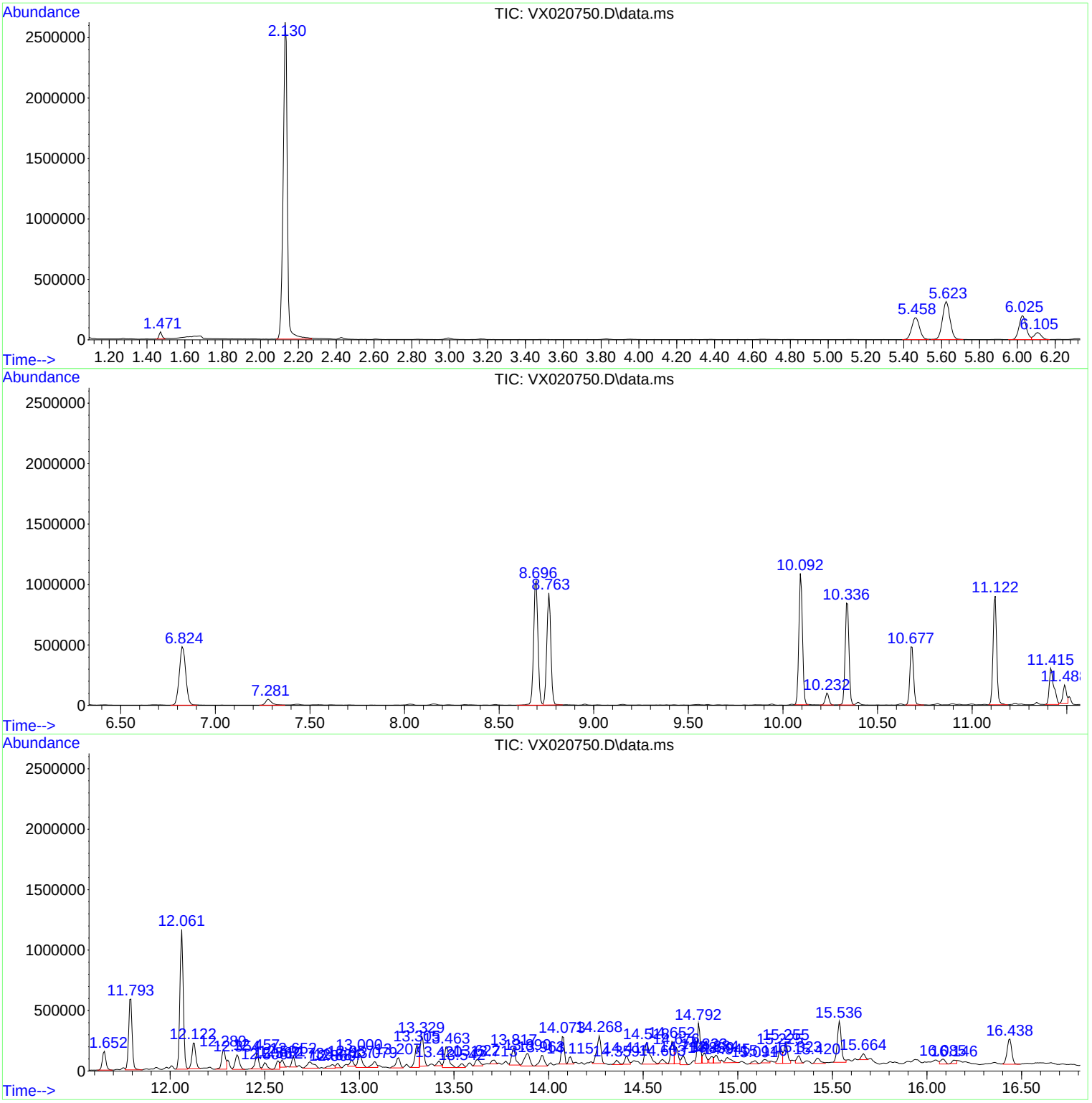
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41623DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

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



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Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

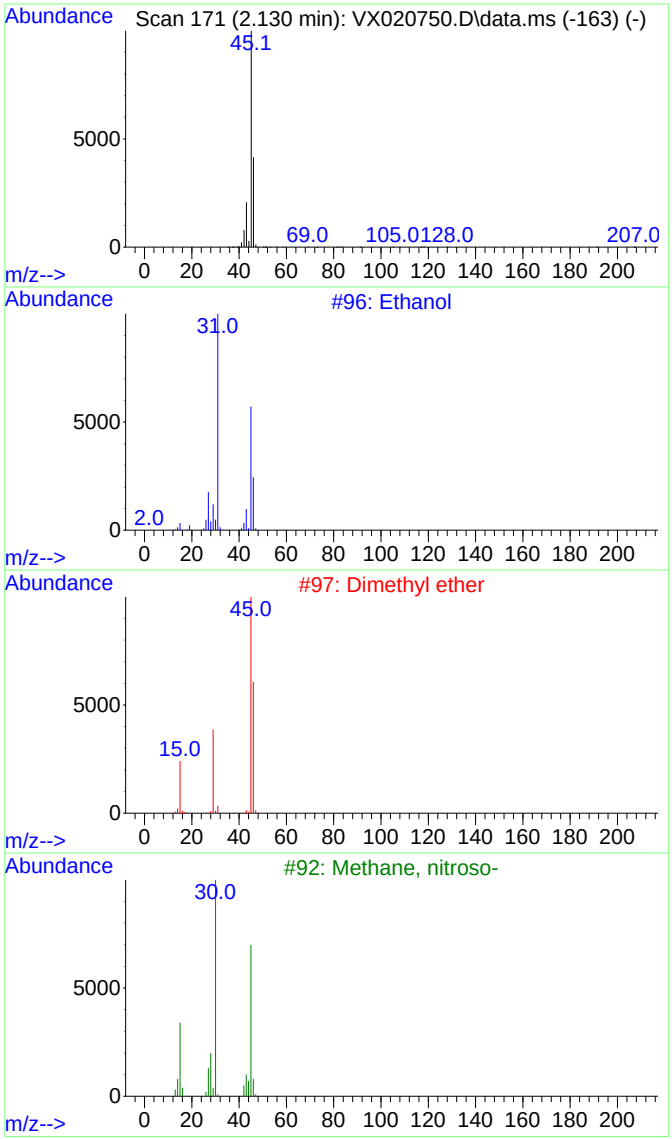
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

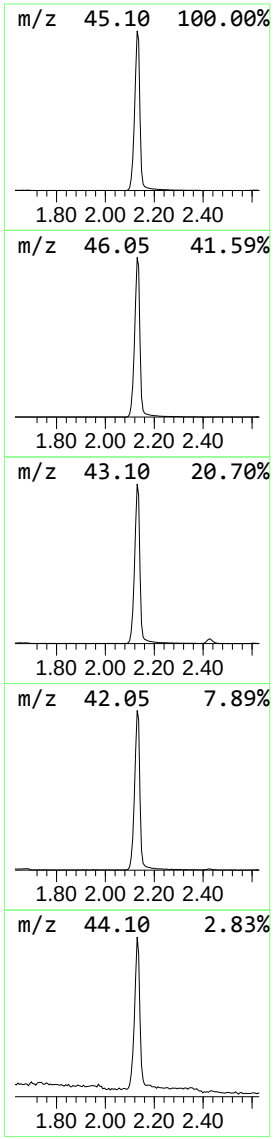
****

Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.130	229.44 ug/l	3983950	Pentafluorobenzene	5.623

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41623DL

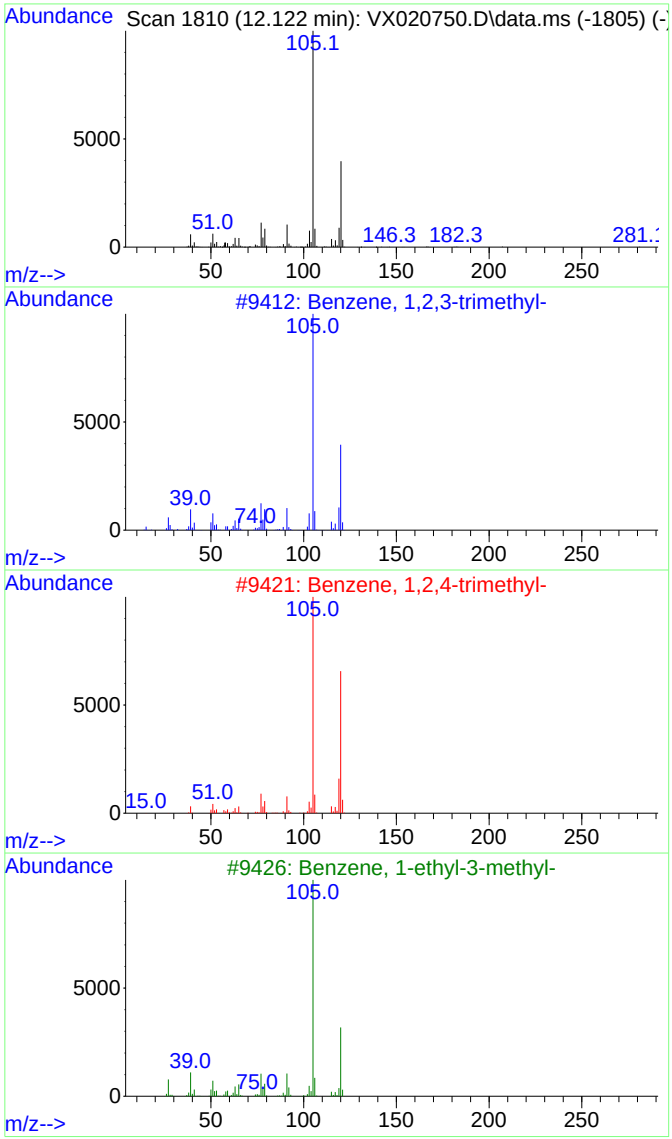
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

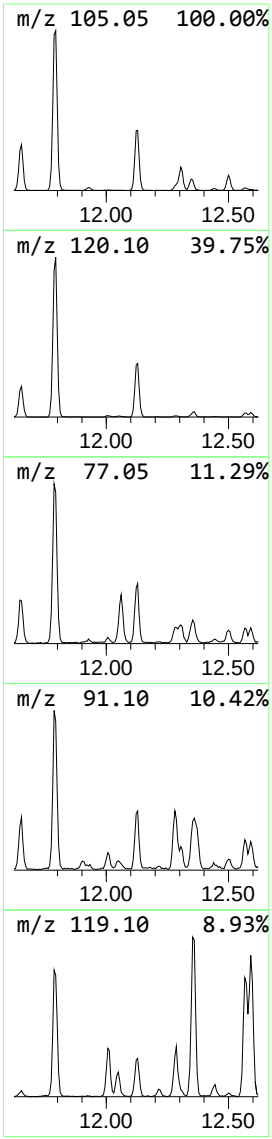
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	10.55 ug/l	292890	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

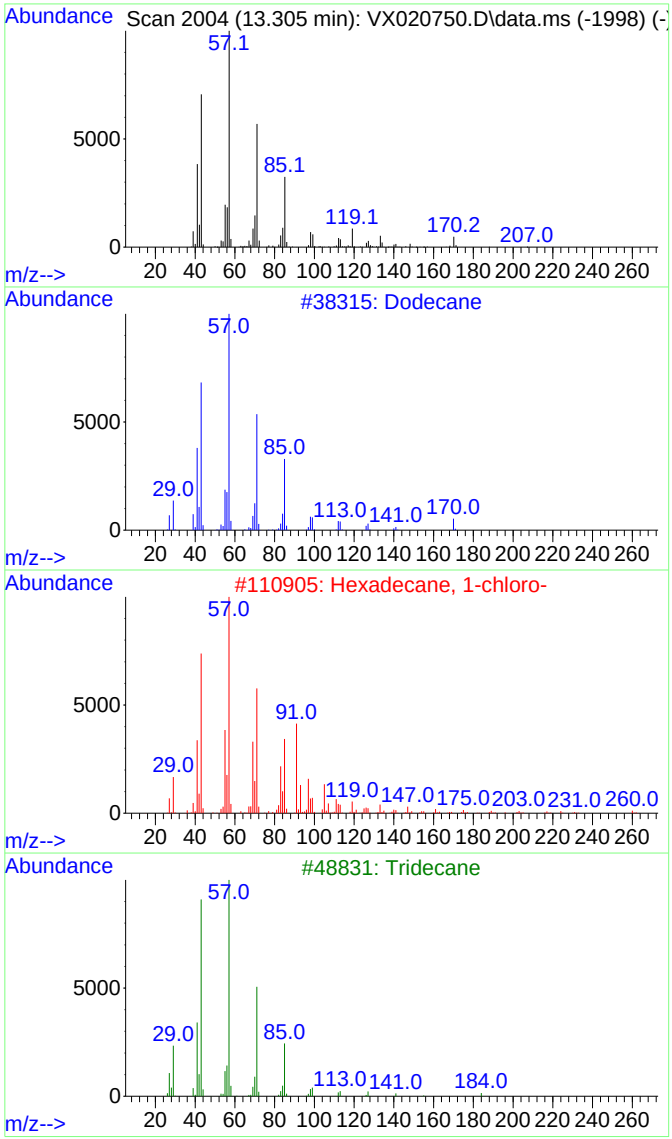
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

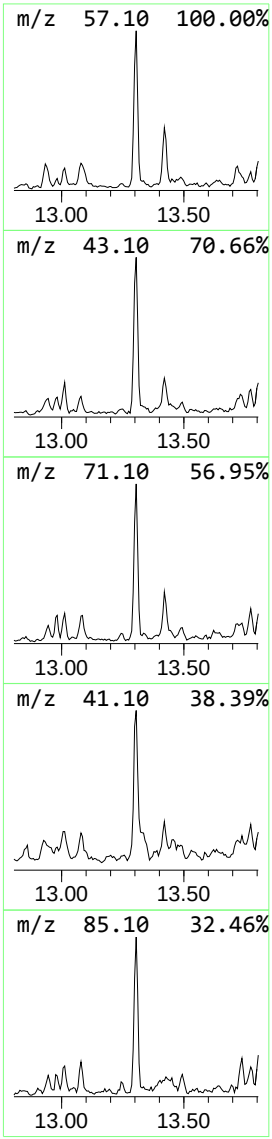
****

Peak Number 3 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.305	9.64 ug/l	267699	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	83
3	Tridecane	184	C13H28	000629-50-5	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

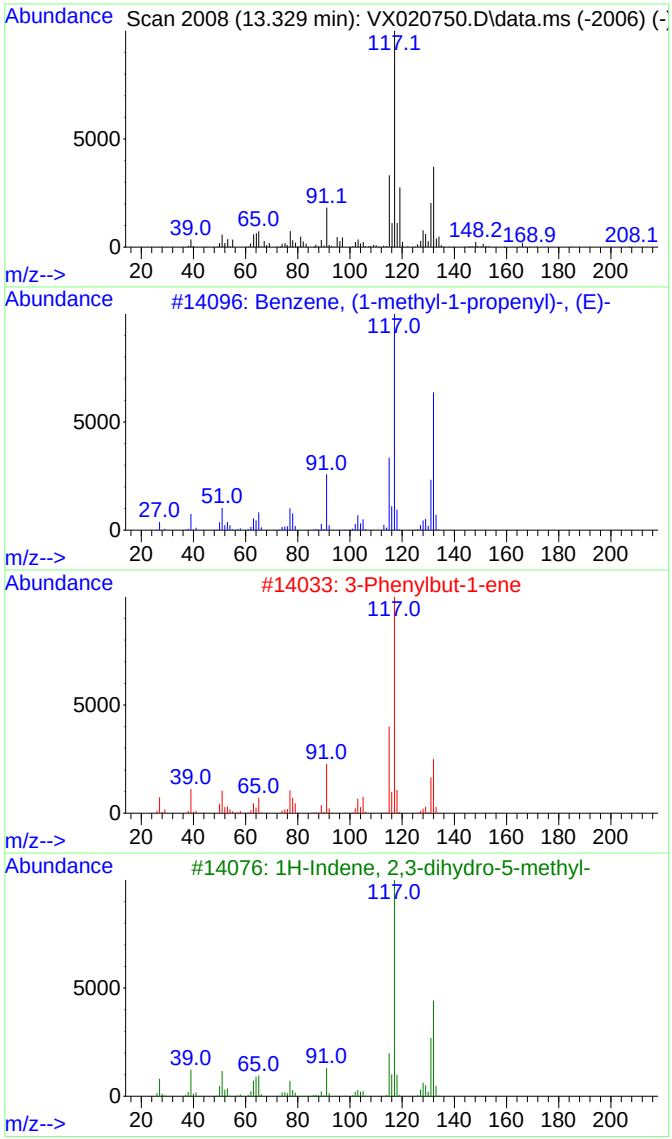
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

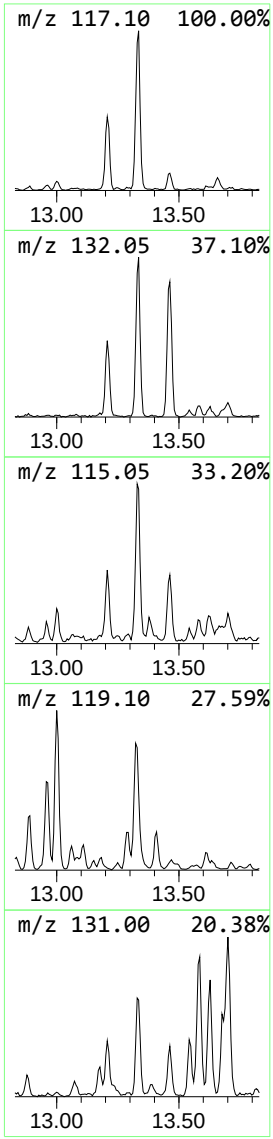
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	10.96 ug/l	304494	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





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Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

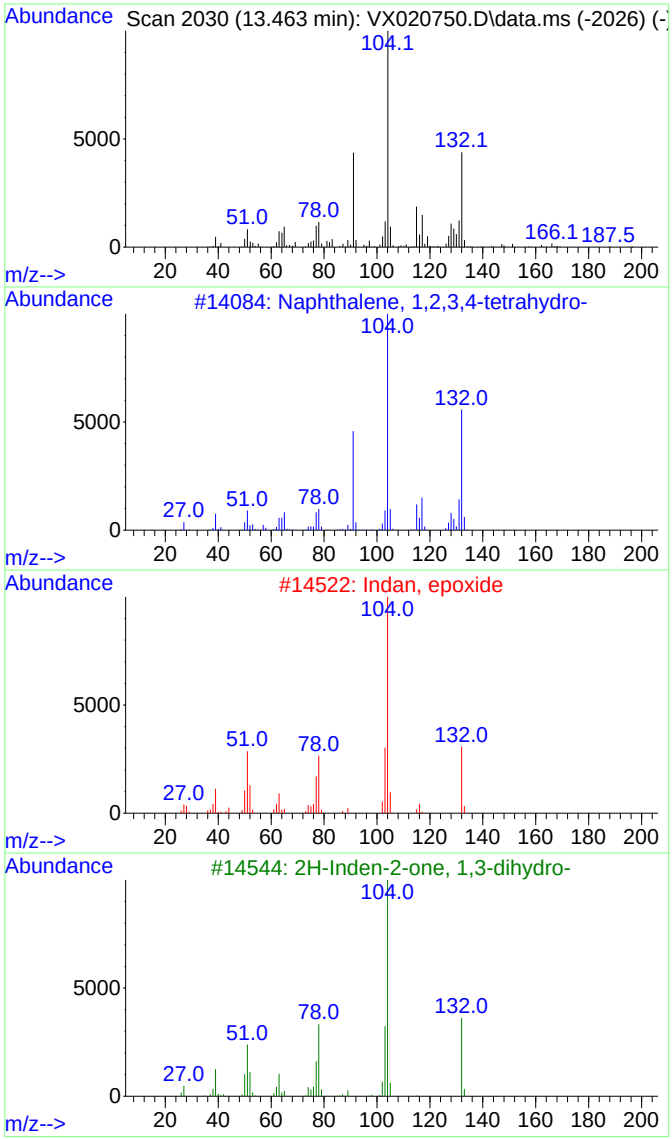
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

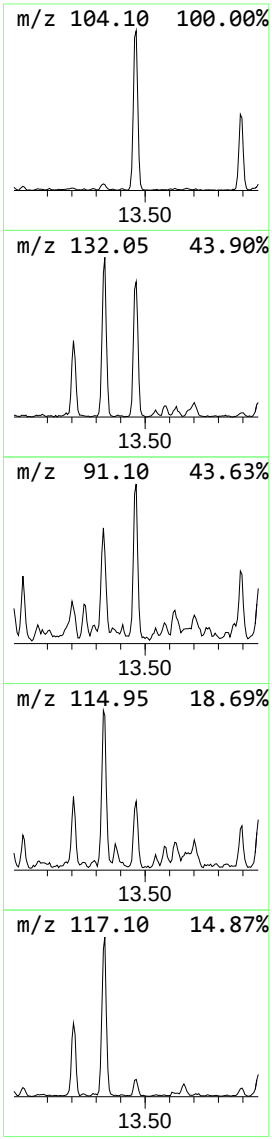
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	9.91 ug/l	275246	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	40
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

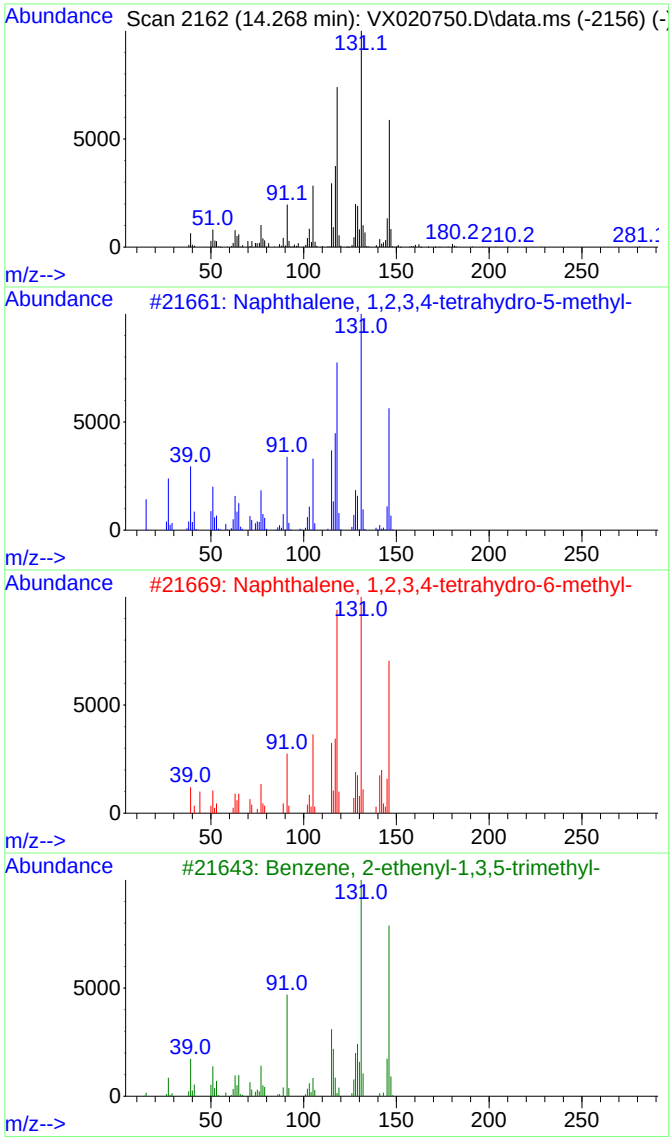
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

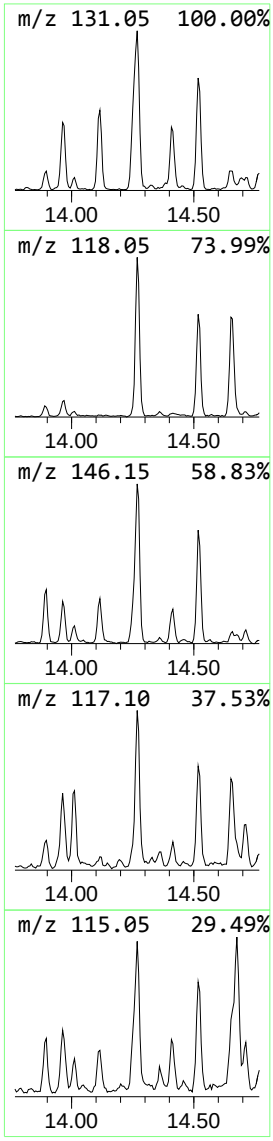
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	12.29 ug/l	341168	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
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Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

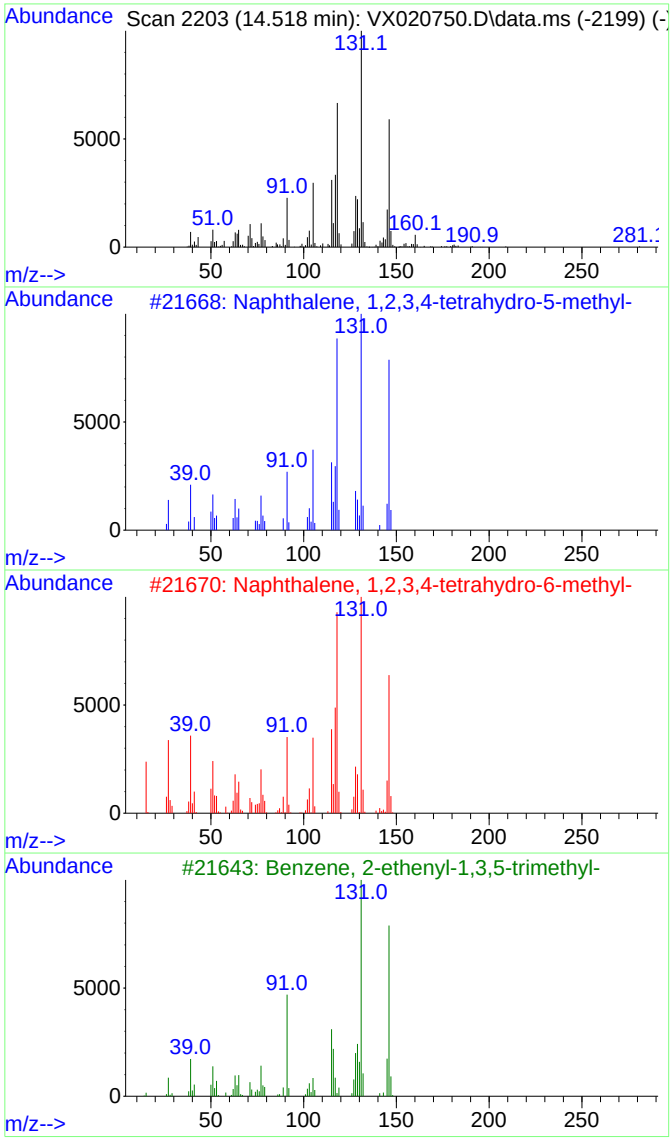
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

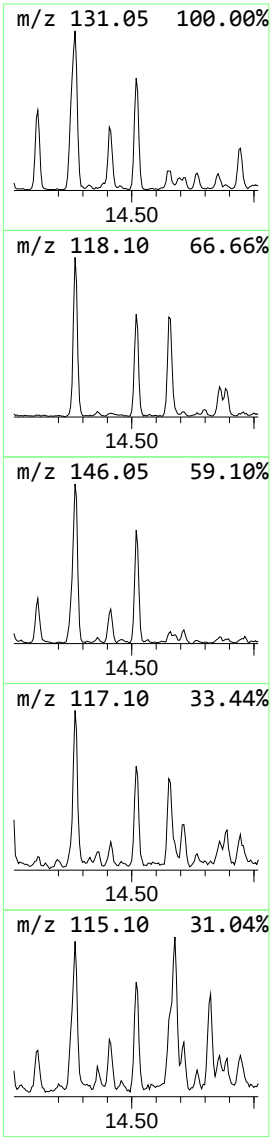
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.518	11.91 ug/l	330809	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	68
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

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

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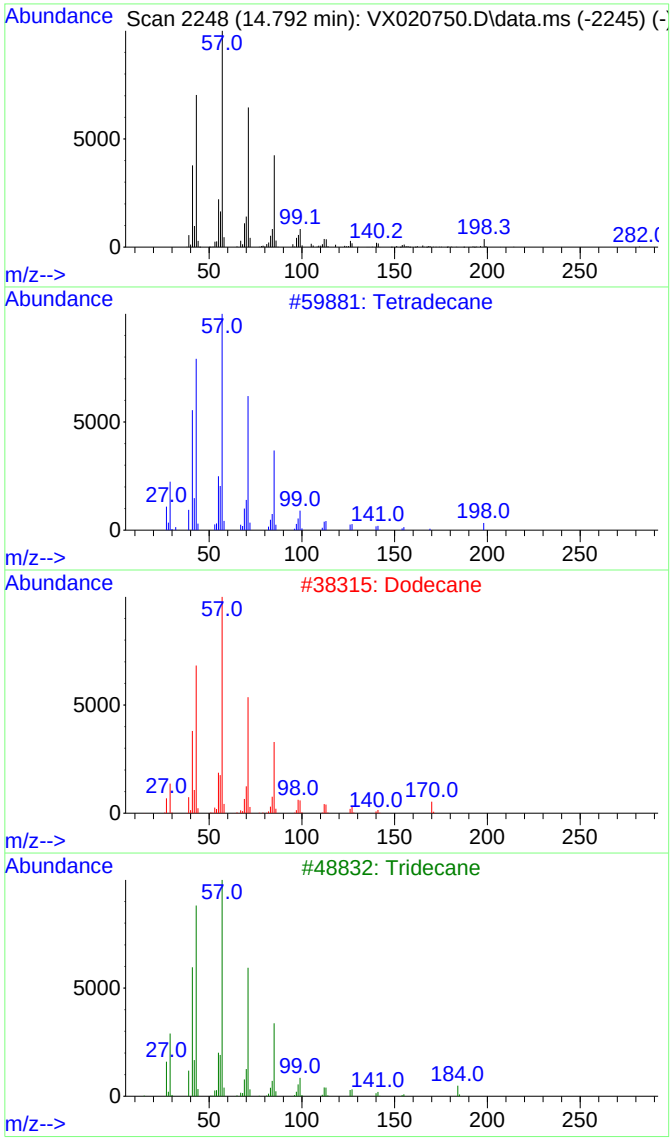
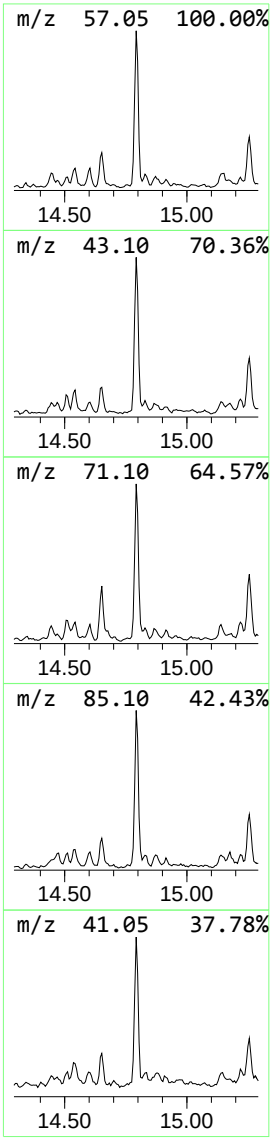
Peak Number 8 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	13.14 ug/l	364861	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Dodecane	170	C12H26	000112-40-3	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

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

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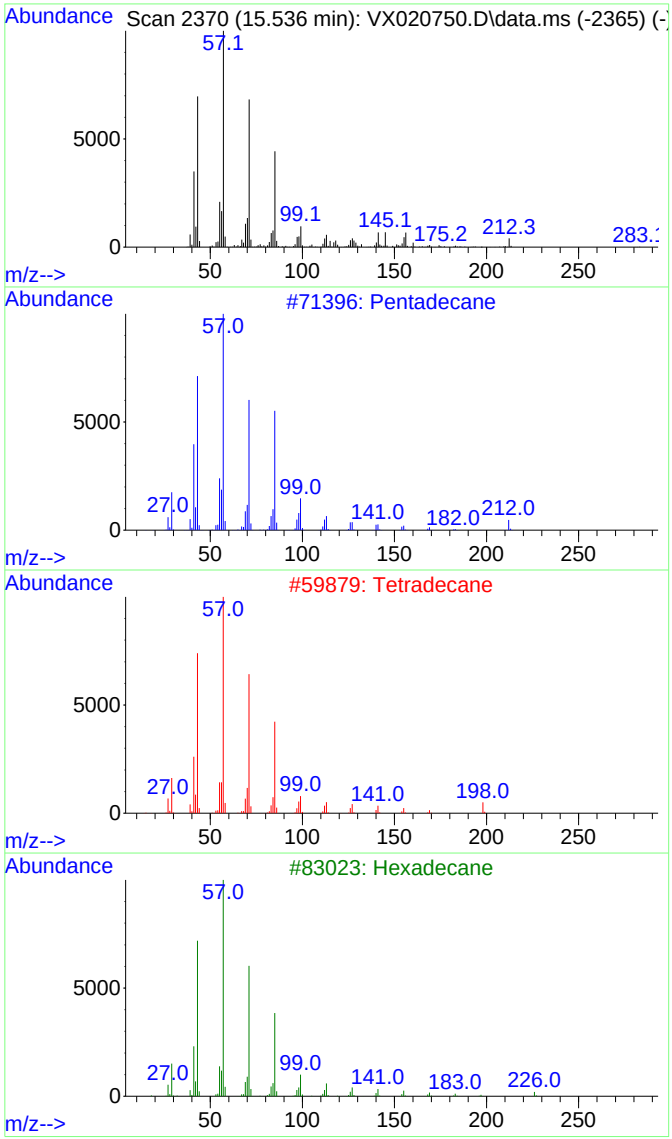
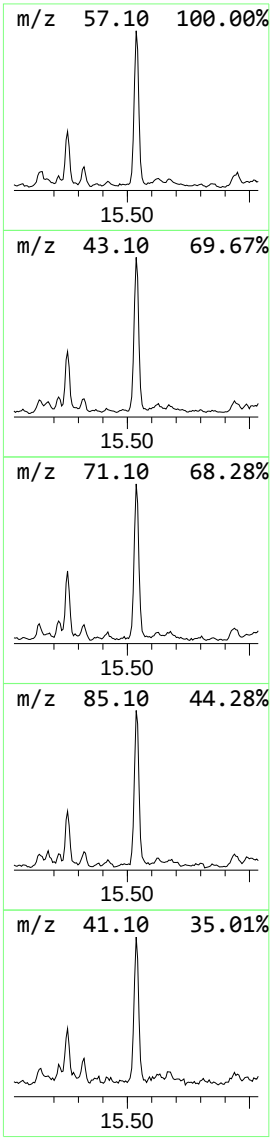
Peak Number 9 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.536	17.82 ug/l	494854	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

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

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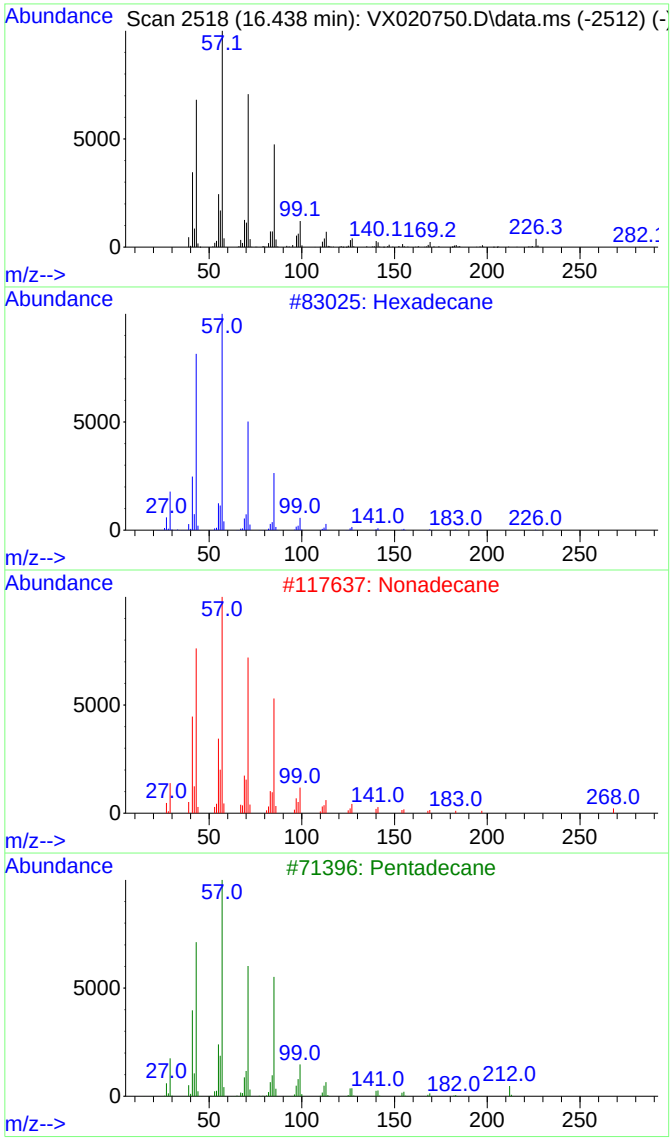
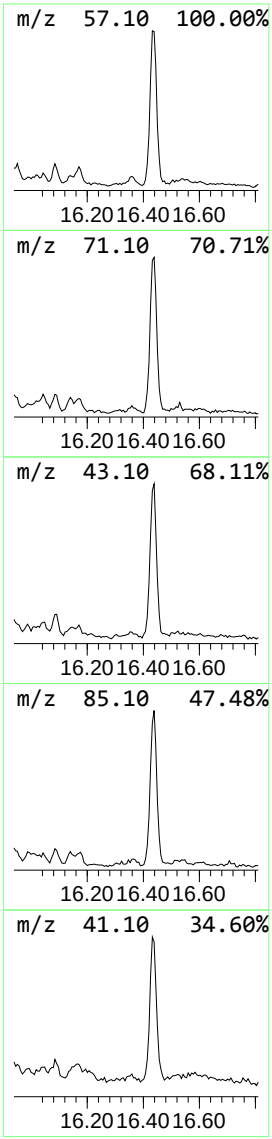
Peak Number 10 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	12.83 ug/l	356187	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane	240	C17H36	000629-78-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
Data File : VX020750.D
Acq On : 26 Jan 2021 13:57
Operator : JC/SP
Sample : M1192-04DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41623DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.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
Ethanol	2.130	229.4	ug/l	3983950	1	5.623	868196	50.0
Benzene, 1,2,3-...	12.122	10.5	ug/l	292890	4	12.061	1388510	50.0
Dodecane	13.305	9.6	ug/l	267699	4	12.061	1388510	50.0
Benzene, (1-met...	13.329	11.0	ug/l	304494	4	12.061	1388510	50.0
Naphthalene, 1,...	13.463	9.9	ug/l	275246	4	12.061	1388510	50.0
Naphthalene, 1,...	14.268	12.3	ug/l	341168	4	12.061	1388510	50.0
Naphthalene, 1,...	14.518	11.9	ug/l	330809	4	12.061	1388510	50.0
Tetradecane	14.792	13.1	ug/l	364861	4	12.061	1388510	50.0
Pentadecane	15.536	17.8	ug/l	494854	4	12.061	1388510	50.0
Hexadecane	16.438	12.8	ug/l	356187	4	12.061	1388510	50.0