LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
Sample : P3891-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

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\82Y090924S.M
Title : SW846 8260

Signal : TIC: VY019465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.824	14	17	20	rBV2	24491	33978	1.08%	0.132%
2	2.178	70	75	82	rBV2	38083	64322	2.04%	0.249%
3	4.110	383	392	400	rBV	25299	67264	2.13%	0.260%
4	4.610	463	474	485	rBV2	25799	80103	2.54%	0.310%
5	5.641	634	643	653	rBV2	16408	50878	1.61%	0.197%
6	6.598	790	800	810	rBV	24044	74704	2.37%	0.289%
7	7.628	958	969	975	rBV2	429063	1026449	32.52%	3.975%
8	7.707	975	982	996	rVB	712567	1657250	52.51%	6.418%
9	8.061	1029	1040	1053	rBV2	408532	1015707	32.18%	3.933%
10	8.469	1099	1107	1113	rBV4	17089	34593	1.10%	0.134%
11	8.610	1120	1130	1141	rBV	1169070	2348234	74.40%	9.093%
12	8.817	1156	1164	1179	rBV	54822	145409	4.61%	0.563%
13	9.103	1200	1211	1217	rBV4	27930	63448	2.01%	0.246%
14	10.000	1352	1358	1367	rVB2	18925	35497	1.12%	0.137%
15	10.109	1367	1376	1382	rBV	1798535	3156052	100.00%	12.222%
16	10.170	1382	1386	1394	rVV	264491	445768	14.12%	1.726%
17	10.298	1398	1407	1413	rVB	42339	79914	2.53%	0.309%
18	10.865	1496	1500	1509	rVB4	22942	45453	1.44%	0.176%
19	11.207	1549	1556	1565	rVB4	35725	76168	2.41%	0.295%
20	11.310	1565	1573	1579	rBV	27932	51293	1.63%	0.199%
21	11.414	1583	1590	1601	rVV	1617962	2713089	85.96%	10.506%
22	11.518	1601	1607	1615	rVV	61436	116742	3.70%	0.452%
23	11.633	1617	1626	1635	rVV2	297176	684963	21.70%	2.652%
24	11.957	1668	1679	1690	rBV2	159928	370309	11.73%	1.434%
25	12.048	1690	1694	1699	rVB	32347	45771	1.45%	0.177%
26	12.133	1703	1708	1711	rBV4	40557	72361	2.29%	0.280%
27	12.170	1711	1714	1720	rVB4	37004	61967	1.96%	0.240%
28	12.316	1731	1738	1739	rBV5	23491	41351	1.31%	0.160%
29	12.408	1748	1753	1758	rVB	1149593	1710732	54.20%	6.625%
30	12.450	1758	1760	1765	rVB2	63087	75468	2.39%	0.292%
31	12.505	1765	1769	1776	rBV4	28746	48730	1.54%	0.189%
32	12.597	1776	1784	1788	rVB	43790	96597	3.06%	0.374%
33	12.658	1788	1794	1797	rBV	158538	254521	8.06%	0.986%
34	12.694	1797	1800	1802	rVB	36012	36745	1.16%	0.142%
35	12.731	1802	1806	1812	rVB2	491276	701043	22.21%	2.715%
36	12.786	1812	1815	1819	rVB3	23776	33757	1.07%	0.131%

LSC Area Percent Report

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Operator : SY/MD
Sample : P3891-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Title : SW846 8260

37	12.834	1819	1823	1826	rBV	24033	35810	1.13%	0.139%
38	12.914	1826	1836	1841	rBV3	127203	323427	10.25%	1.252%
39	12.962	1841	1844	1851	rVB3	55301	76860	2.44%	0.298%
40	13.042	1851	1857	1861	rBV	256199	448187	14.20%	1.736%
41	13.151	1871	1875	1877	rBV3	22040	34243	1.08%	0.133%
42	13.176	1877	1879	1884	rVV4	20541	38539	1.22%	0.149%
43	13.249	1884	1891	1895	rVV4	121198	232635	7.37%	0.901%
44	13.286	1895	1897	1901	rVV2	60106	83079	2.63%	0.322%
45	13.347	1901	1907	1917	rVB	1277512	2122822	67.26%	8.220%
46	13.450	1917	1924	1930	rBV	235150	389116	12.33%	1.507%
47	13.548	1936	1940	1943	rVB2	69573	93018	2.95%	0.360%
48	13.590	1943	1947	1956	rVB4	82847	168809	5.35%	0.654%
49	13.676	1956	1961	1965	rBV	276882	401317	12.72%	1.554%
50	13.737	1965	1971	1976	rVB3	65090	164246	5.20%	0.636%
51	13.810	1977	1983	1985	rBV2	57208	101515	3.22%	0.393%
52	13.840	1985	1988	1993	rVB5	84288	127225	4.03%	0.493%
53	13.895	1993	1997	2001	rVB2	89985	132252	4.19%	0.512%
54	13.999	2009	2014	2018	rBV2	46113	70341	2.23%	0.272%
55	14.048	2018	2022	2030	rBV10	20558	57291	1.82%	0.222%
56	14.127	2030	2035	2038	rBV5	48321	74847	2.37%	0.290%
57	14.304	2060	2064	2067	rVV4	37381	53023	1.68%	0.205%
58	14.340	2067	2070	2073	rVB4	31474	38912	1.23%	0.151%
59	14.529	2096	2101	2105	rVV	119036	174372	5.53%	0.675%
60	14.590	2105	2111	2118	rVV5	74603	173074	5.48%	0.670%
61	14.657	2118	2122	2128	rVB3	32155	63162	2.00%	0.245%
62	14.895	2157	2161	2163	rBV2	26718	37699	1.19%	0.146%
63	14.932	2163	2167	2178	rVB3	136413	294391	9.33%	1.140%
64	15.047	2184	2186	2192	rVB5	31458	51955	1.65%	0.201%
65	15.145	2193	2202	2208	rBV	460899	804198	25.48%	3.114%
66	15.267	2219	2222	2229	rVB4	35984	57469	1.82%	0.223%
67	15.340	2229	2234	2239	rVB	120982	175698	5.57%	0.680%
68	15.438	2245	2250	2256	rBV8	25577	57574	1.82%	0.223%
69	15.499	2256	2260	2267	rVB4	26634	53323	1.69%	0.206%
70	15.602	2270	2277	2281	rBV5	33836	70794	2.24%	0.274%
71	15.779	2301	2306	2315	rBV3	68458	132549	4.20%	0.513%
72	15.907	2323	2327	2335	rVB2	30859	60412	1.91%	0.234%
73	15.986	2335	2340	2346	rBV3	22802	42848	1.36%	0.166%
74	16.047	2346	2350	2358	rBV4	30518	66852	2.12%	0.259%
75	16.175	2365	2371	2377	rBV	61330	125339	3.97%	0.485%
76	16.248	2377	2383	2389	rVV	233609	385193	12.20%	1.492%

LSC Area Percent Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Title : SW846 8260

77	16.370	2396	2403	2409	rBV3	45042	112590	3.57%	0.436%

Sum of corrected areas: 25823636

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
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Operator : SY/MD
Sample : P3891-01
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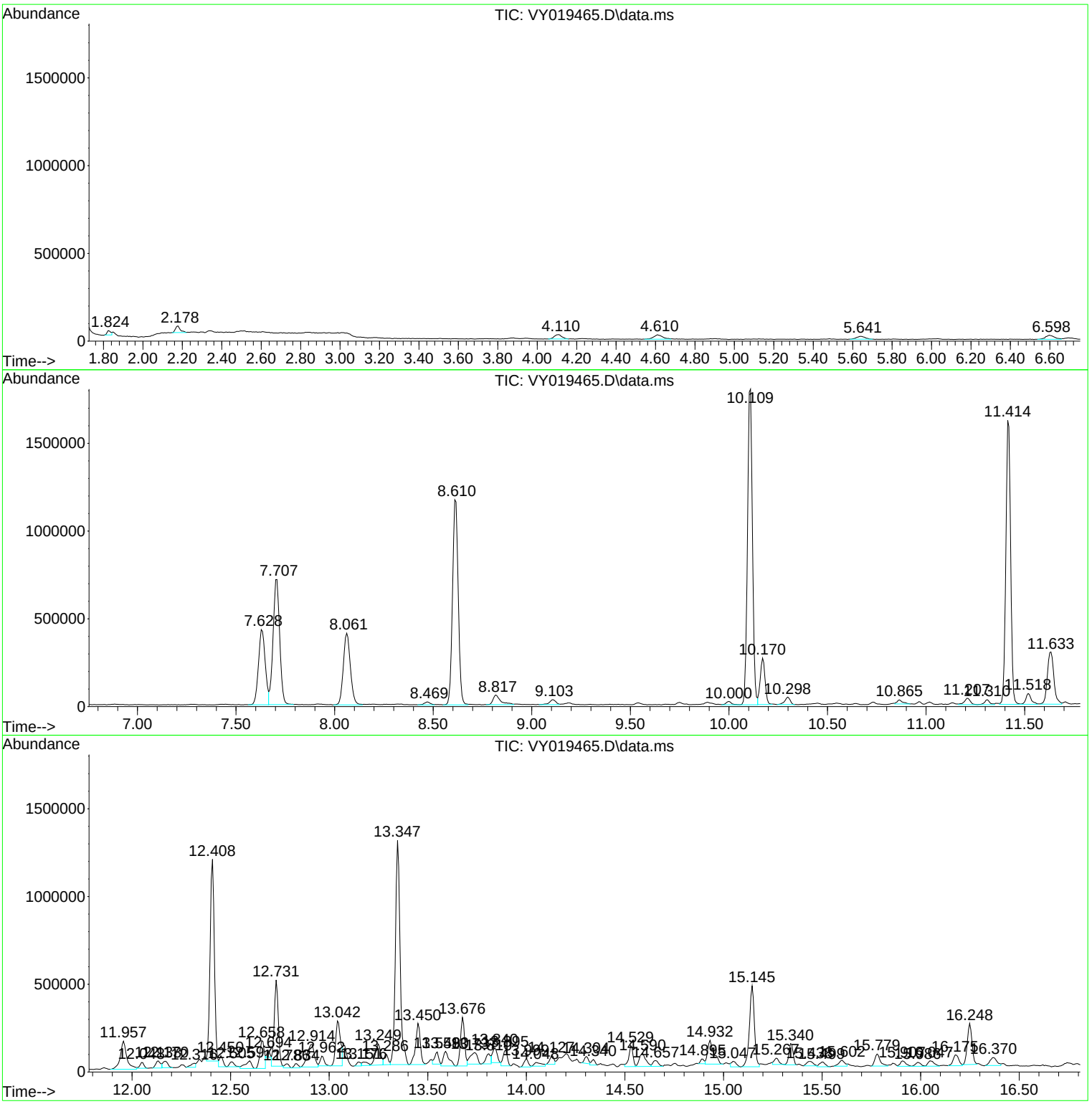
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
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Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

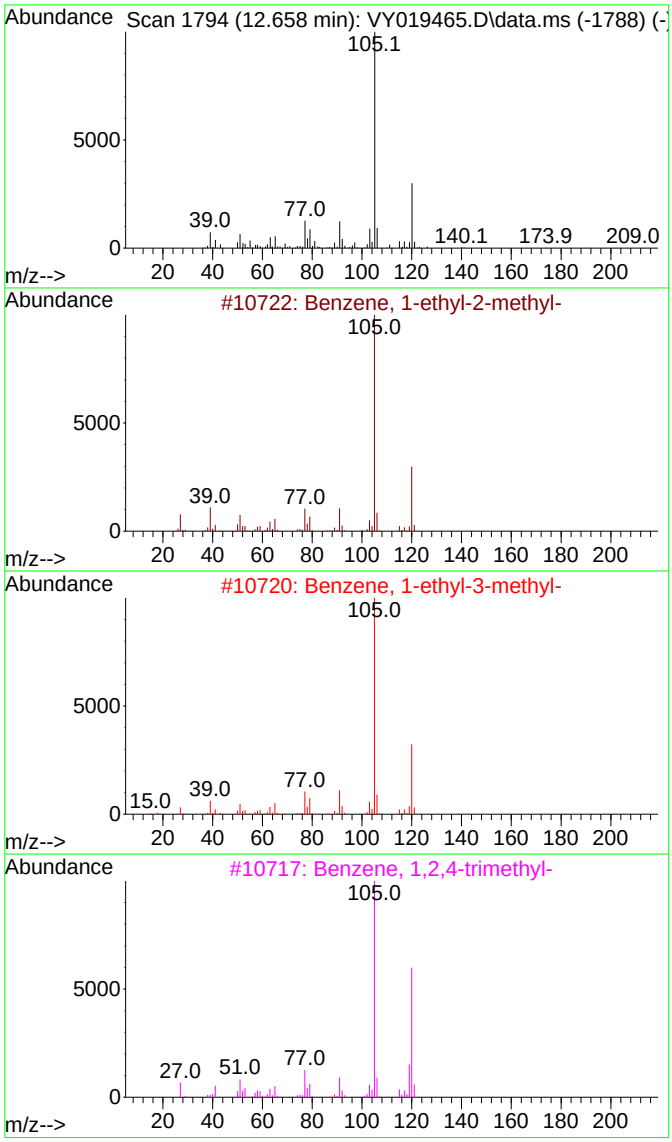
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

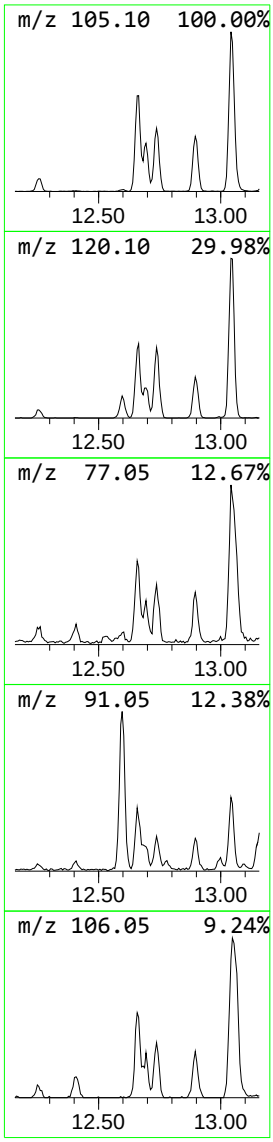
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.658	5.99 ug/l	254521	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
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Instrument :
MSVOA_Y
ClientSampleId :
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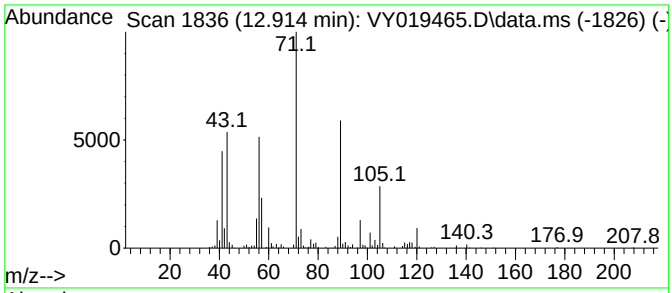
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

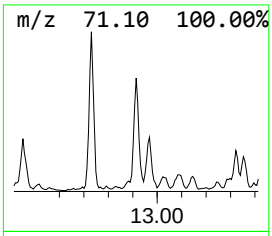
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

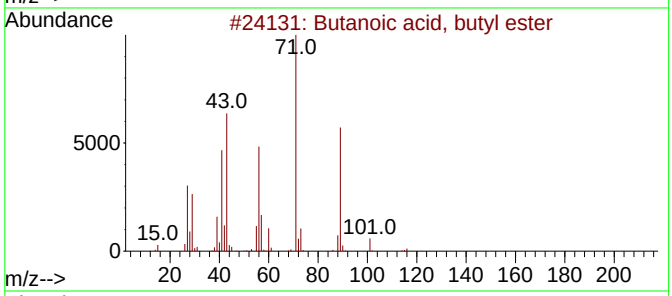
****
Peak Number 2 Butanoic acid, butyl ester Concentration Rank 4

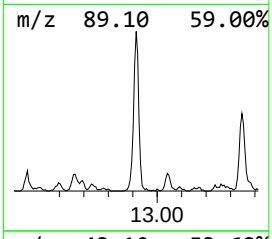
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.914	7.62 ug/l	323427	1,4-Dichlorobenzene-d4	13.347

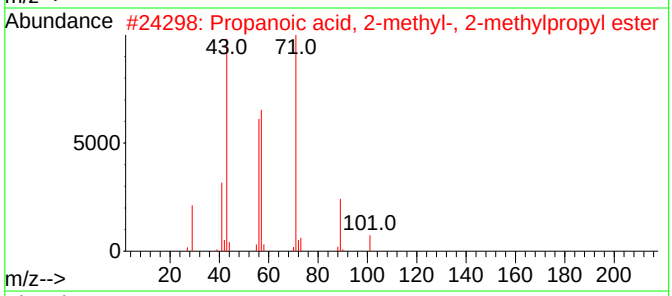
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
3	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	50
4	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	45
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	45

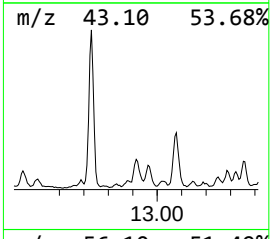


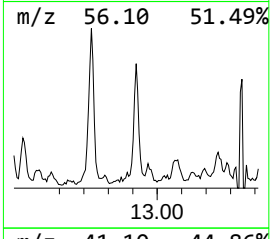


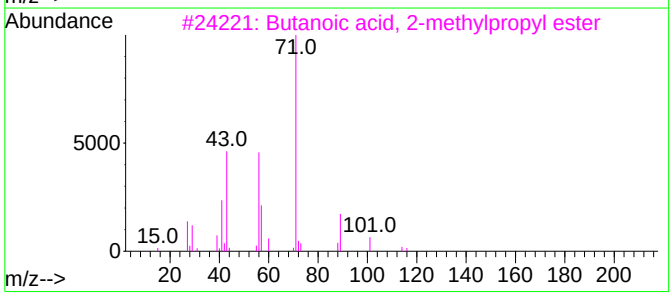


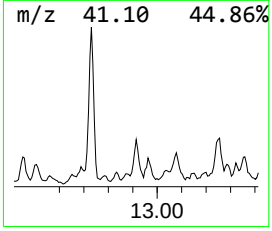












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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

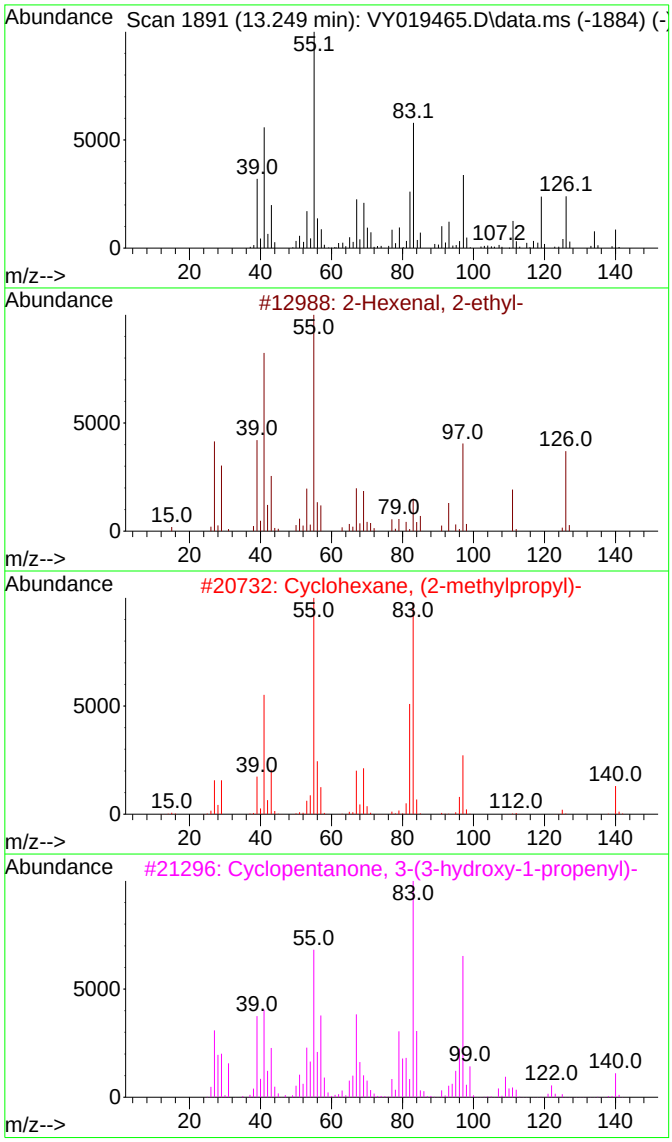
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

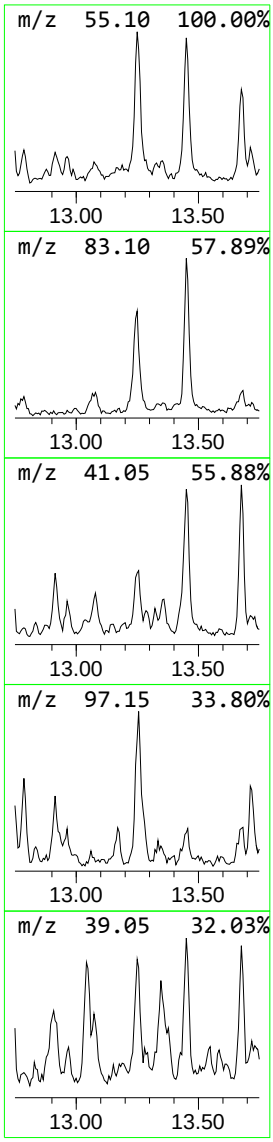
****

Peak Number 3 unknown13.249 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.249	5.48 ug/l	232635	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal, 2-ethyl-	126	C8H14O	000645-62-5	46
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Cyclopentanone, 3-(3-hydroxy-1-p...	140	C8H12O2	074473-08-8	38
4	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	25





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

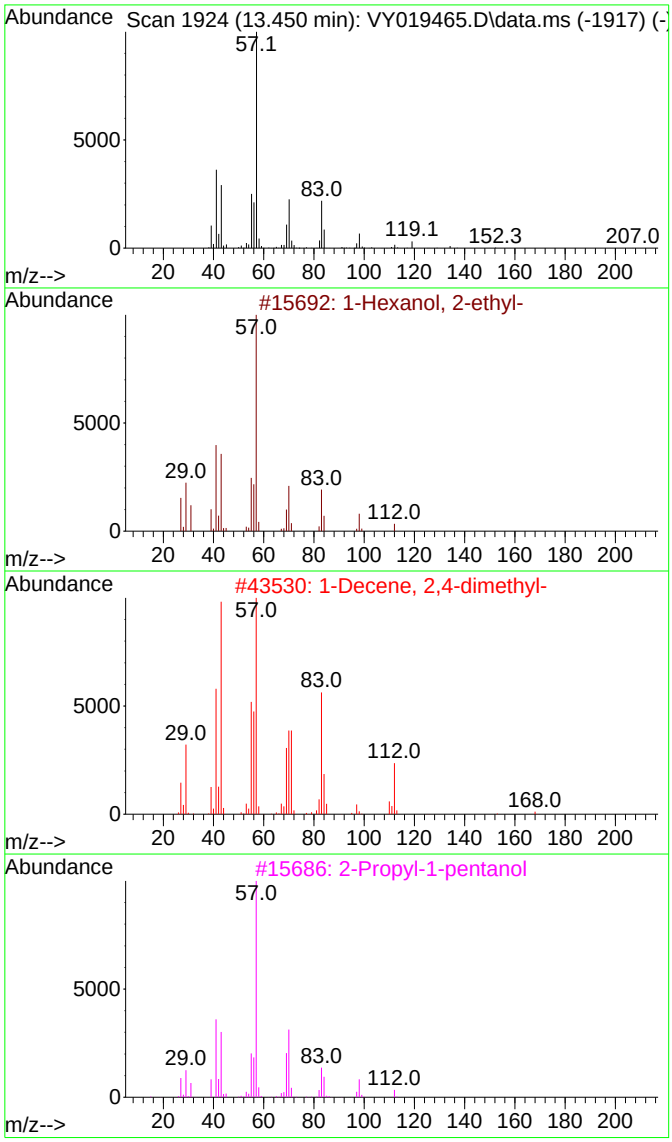
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

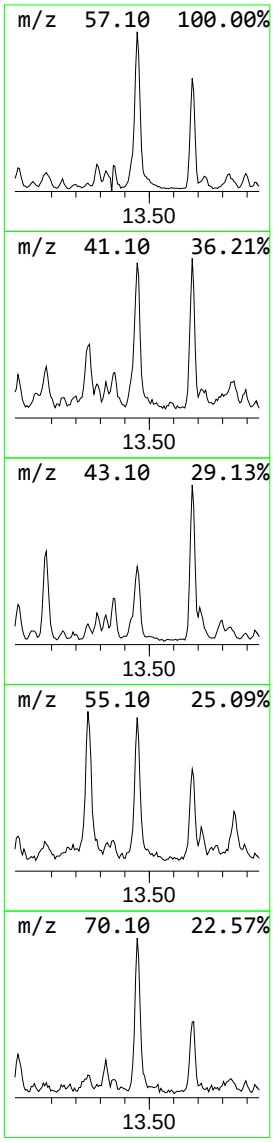
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.450	9.17 ug/l	389116	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47





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Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

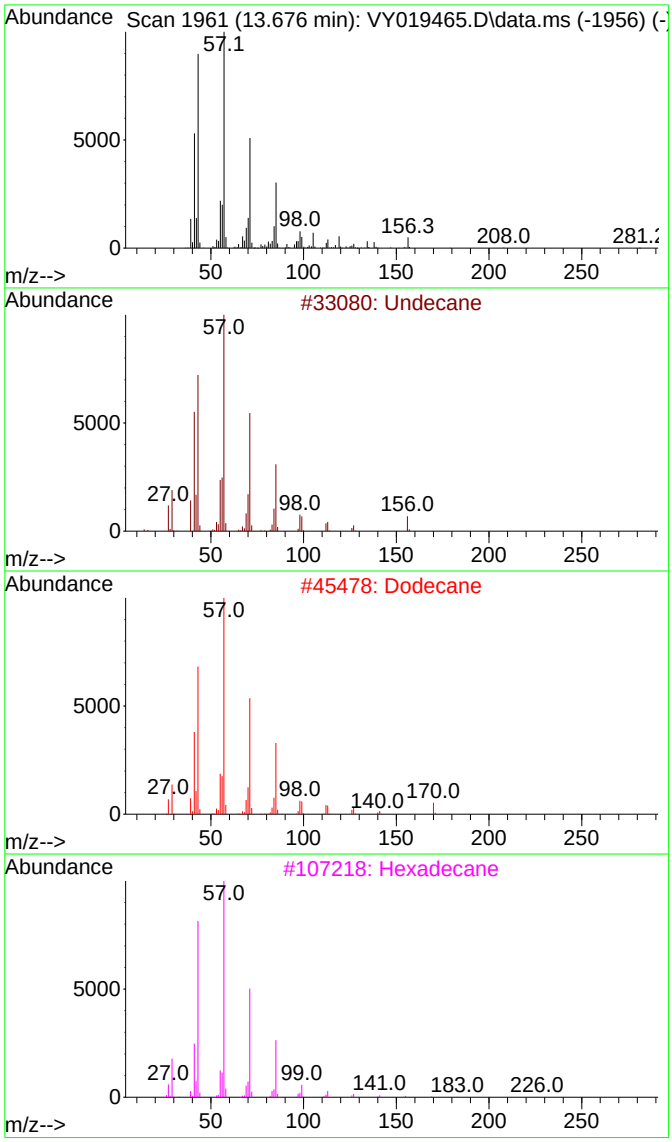
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

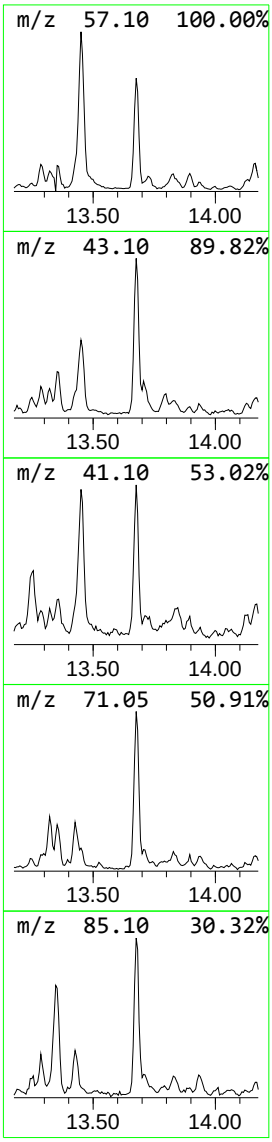
****

Peak Number 5 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.676	9.45 ug/l	401317	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
Sample : P3891-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

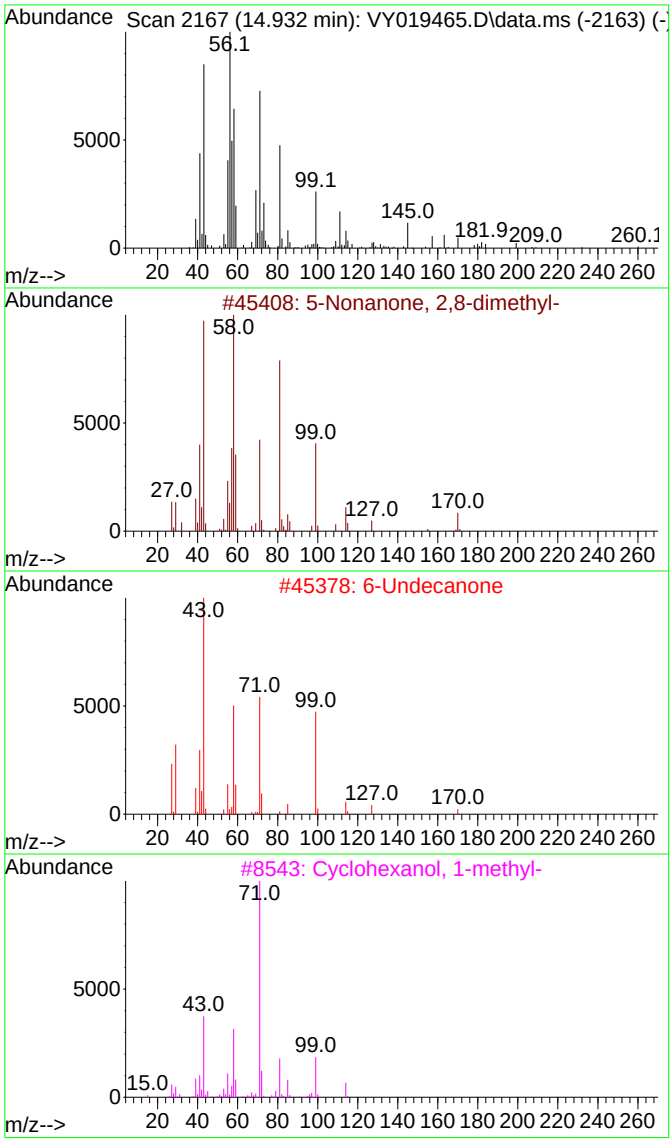
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

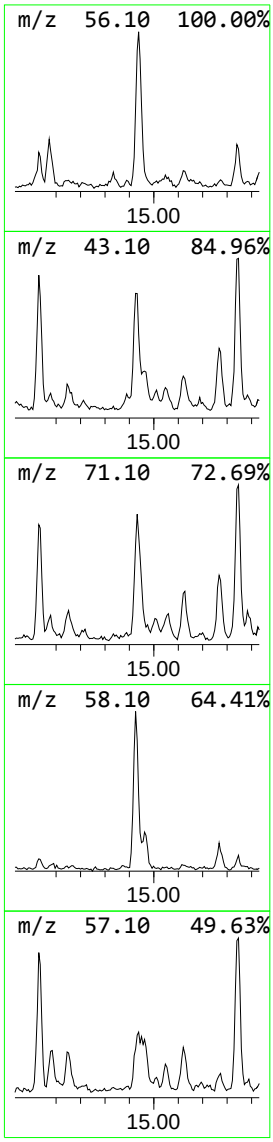
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown14.932 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.932	6.93 ug/l	294391	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	46
2	6-Undecanone	170	C11H22O	000927-49-1	27
3	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	18
4	2-Undecanone	170	C11H22O	000112-12-9	18
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
Sample : P3891-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260

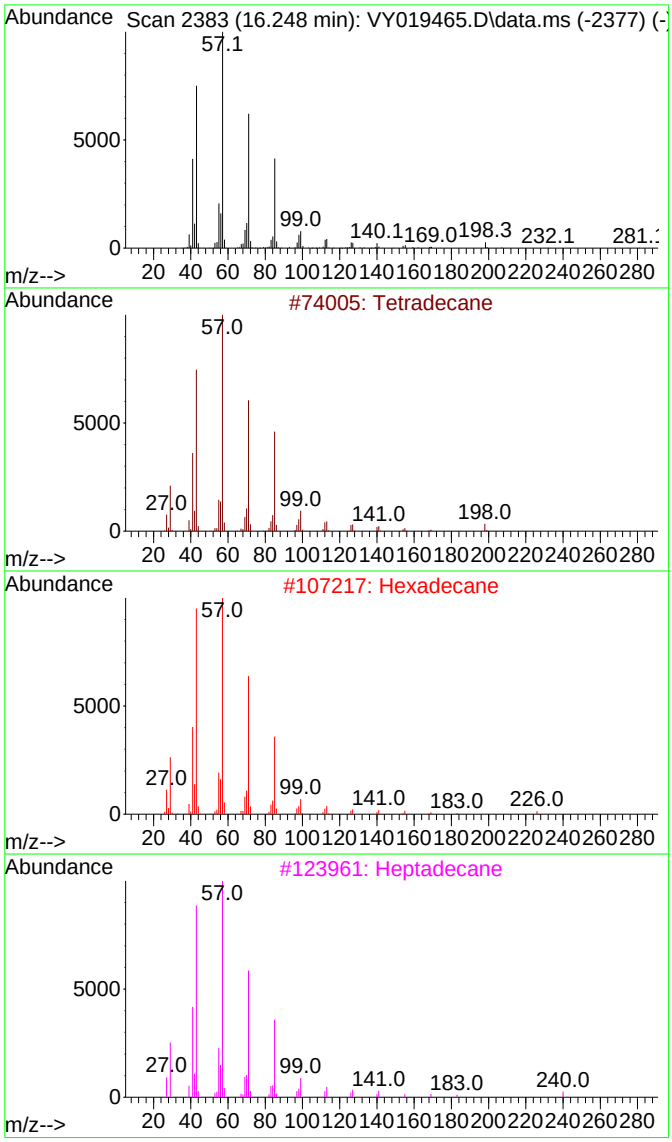
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

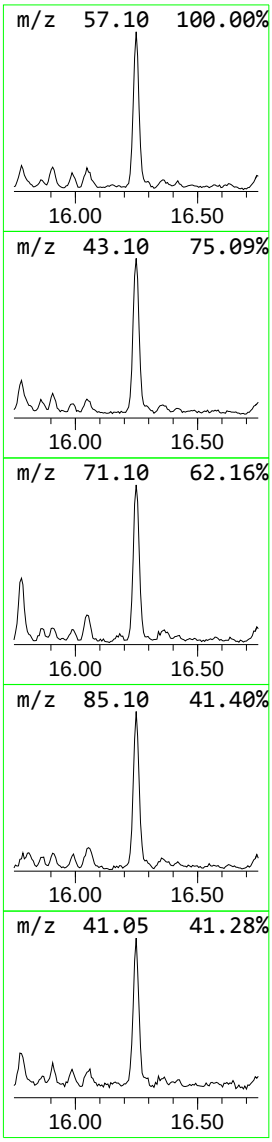
****

Peak Number 7 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.249	9.07 ug/l	385193	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Dodecane	170	C12H26	000112-40-3	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
Sample : P3891-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.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
Benzene, 1-ethy...	12.658	6.0	ug/l	254521	4	13.347	2122820	50.0
Butanoic acid, ...	12.914	7.6	ug/l	323427	4	13.347	2122820	50.0
unknown13.249	13.249	5.5	ug/l	232635	4	13.347	2122820	50.0
1-Hexanol, 2-et...	13.450	9.2	ug/l	389116	4	13.347	2122820	50.0
Undecane	13.676	9.4	ug/l	401317	4	13.347	2122820	50.0
unknown14.932	14.932	6.9	ug/l	294391	4	13.347	2122820	50.0
Tetradecane	16.249	9.1	ug/l	385193	4	13.347	2122820	50.0