LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
Data File : VY022900.D
Acq On : 01 Jul 2025 15:41
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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\82Y062325S.M
Title : SW846 8260

Signal : TIC: VY022900.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	19	rVB3	2138	2095	1.40%	0.230%
2	1.879	23	26	30	rBV3	1915	2566	1.72%	0.282%
3	2.074	50	58	59	rBV3	14137	28634	19.18%	3.146%
4	2.111	62	64	66	rVV3	3884	4693	3.14%	0.516%
5	2.330	98	100	102	rBV2	3644	3178	2.13%	0.349%
6	2.830	179	182	188	rBV8	6525	10441	6.99%	1.147%
7	3.446	276	283	284	rBV3	5502	8132	5.45%	0.893%
8	3.860	344	351	352	rBV6	1052	1913	1.28%	0.210%
9	4.610	465	474	485	rVV2	29578	88246	59.12%	9.694%
10	5.116	551	557	559	rBV6	1114	1744	1.17%	0.192%
11	5.641	631	643	655	rBV3	14388	49716	33.30%	5.462%
12	6.165	727	729	734	rVB4	1609	2066	1.38%	0.227%
13	6.232	734	740	741	rBV4	926	1664	1.11%	0.183%
14	6.695	812	816	817	rVV3	1180	1604	1.07%	0.176%
15	7.427	932	936	939	rBV5	1228	2218	1.49%	0.244%
16	7.634	962	970	977	rBV3	4621	10331	6.92%	1.135%
17	7.713	977	983	992	rVB5	8417	17606	11.79%	1.934%
18	8.067	1034	1041	1049	rVB7	3566	9226	6.18%	1.014%
19	8.610	1122	1130	1138	rBV	15265	31111	20.84%	3.418%
20	9.548	1280	1284	1288	rVB5	1204	2041	1.37%	0.224%
21	9.853	1329	1334	1335	rBV3	1546	1850	1.24%	0.203%
22	9.987	1351	1356	1358	rVB5	1361	1919	1.29%	0.211%
23	10.012	1358	1360	1364	rBV4	1724	2468	1.65%	0.271%
24	10.103	1369	1375	1381	rBV	25140	46799	31.35%	5.141%
25	10.378	1416	1420	1423	rVV6	1134	1499	1.00%	0.165%
26	10.512	1435	1442	1449	rBV3	5827	15232	10.20%	1.673%
27	10.560	1449	1450	1455	rVV5	1641	1792	1.20%	0.197%
28	10.628	1458	1461	1463	rBV4	1124	1601	1.07%	0.176%
29	10.701	1470	1473	1476	rBV5	1185	2268	1.52%	0.249%
30	10.756	1479	1482	1487	rBV6	1100	2334	1.56%	0.256%
31	10.957	1511	1515	1519	rBV7	2571	4303	2.88%	0.473%
32	11.195	1550	1554	1555	rBV4	1471	1595	1.07%	0.175%
33	11.347	1577	1579	1583	rVB5	2065	2016	1.35%	0.221%
34	11.414	1583	1590	1598	rBV	45225	80014	53.60%	8.790%
35	11.548	1604	1612	1613	rBV8	3611	6990	4.68%	0.768%
36	11.621	1613	1624	1636	rVB8	7638	39831	26.68%	4.376%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

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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Title : SW846 8260

37	12.042	1689	1693	1695	rBV5	2749	3151	2.11%	0.346%
38	12.133	1706	1708	1709	rBV2	1748	1521	1.02%	0.167%
39	12.237	1723	1725	1730	rVB6	1887	2873	1.92%	0.316%
40	12.408	1747	1753	1762	rVB2	53569	97406	65.25%	10.701%
41	12.517	1767	1771	1772	rBV4	1982	2820	1.89%	0.310%
42	12.731	1796	1806	1811	rBV4	4303	10261	6.87%	1.127%
43	12.865	1826	1828	1831	rVB4	1358	1635	1.10%	0.180%
44	12.999	1847	1850	1852	rBV4	1728	2209	1.48%	0.243%
45	13.347	1901	1907	1912	rBV	92608	149278	100.00%	16.399%
46	13.481	1924	1929	1932	rBV6	2975	5278	3.54%	0.580%
47	13.536	1936	1938	1944	rVB6	1966	3284	2.20%	0.361%
48	13.670	1957	1960	1964	rBV7	3682	4881	3.27%	0.536%
49	13.779	1976	1978	1980	rBV3	1836	1764	1.18%	0.194%
50	13.828	1983	1986	1988	rVV4	2752	3158	2.12%	0.347%
51	13.883	1988	1995	2002	rVV	22523	42287	28.33%	4.646%
52	13.944	2002	2005	2006	rVB3	2561	2602	1.74%	0.286%
53	14.066	2018	2025	2027	rBV8	2044	4329	2.90%	0.476%
54	14.127	2032	2035	2040	rVB7	2336	3701	2.48%	0.407%
55	14.194	2044	2046	2049	rVB4	1900	2118	1.42%	0.233%
56	14.292	2060	2062	2066	rBV5	2112	1914	1.28%	0.210%
57	14.334	2066	2069	2073	rVV6	2230	2902	1.94%	0.319%
58	14.432	2082	2085	2086	rBV2	1398	1542	1.03%	0.169%
59	14.456	2086	2089	2090	rBV3	1979	2067	1.38%	0.227%
60	14.529	2099	2101	2104	rVB4	3676	3559	2.38%	0.391%
61	14.596	2109	2112	2116	rVB6	1676	2094	1.40%	0.230%
62	14.694	2126	2128	2134	rVB7	1855	2964	1.99%	0.326%
63	15.029	2180	2183	2184	rBV3	1458	1542	1.03%	0.169%
64	15.041	2184	2185	2191	rVB5	2952	4070	2.73%	0.447%
65	15.194	2205	2210	2215	rBV8	4488	7390	4.95%	0.812%
66	15.285	2220	2225	2231	rBV9	3207	8312	5.57%	0.913%
67	15.346	2233	2235	2238	rBV4	1396	1500	1.00%	0.165%
68	15.462	2248	2254	2255	rBV6	946	1744	1.17%	0.192%
69	15.511	2258	2262	2265	rVB6	1374	2074	1.39%	0.228%
70	15.578	2265	2273	2280	rBV9	5071	9979	6.68%	1.096%
71	15.663	2285	2287	2292	rVB4	1985	2109	1.41%	0.232%
72	15.718	2292	2296	2297	rBV4	1988	2155	1.44%	0.237%
73	15.919	2327	2329	2333	rVB5	1410	1822	1.22%	0.200%
74	16.011	2342	2344	2347	rBV4	1319	1708	1.14%	0.188%
75	16.047	2347	2350	2354	rVV6	1481	2423	1.62%	0.266%
76	16.120	2360	2362	2365	rVB3	1722	1621	1.09%	0.178%

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

77	16.169	2365	2370	2372	rVB4	1195	1961	1.31%	0.215%
78	16.206	2372	2376	2377	rBV3	1554	1756	1.18%	0.193%
79	16.224	2377	2379	2383	rVB4	1452	1699	1.14%	0.187%
80	16.474	2415	2420	2424	rBV6	1575	3076	2.06%	0.338%

Sum of corrected areas: 910275

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Data File : VY022900.D
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Operator : SY/MD
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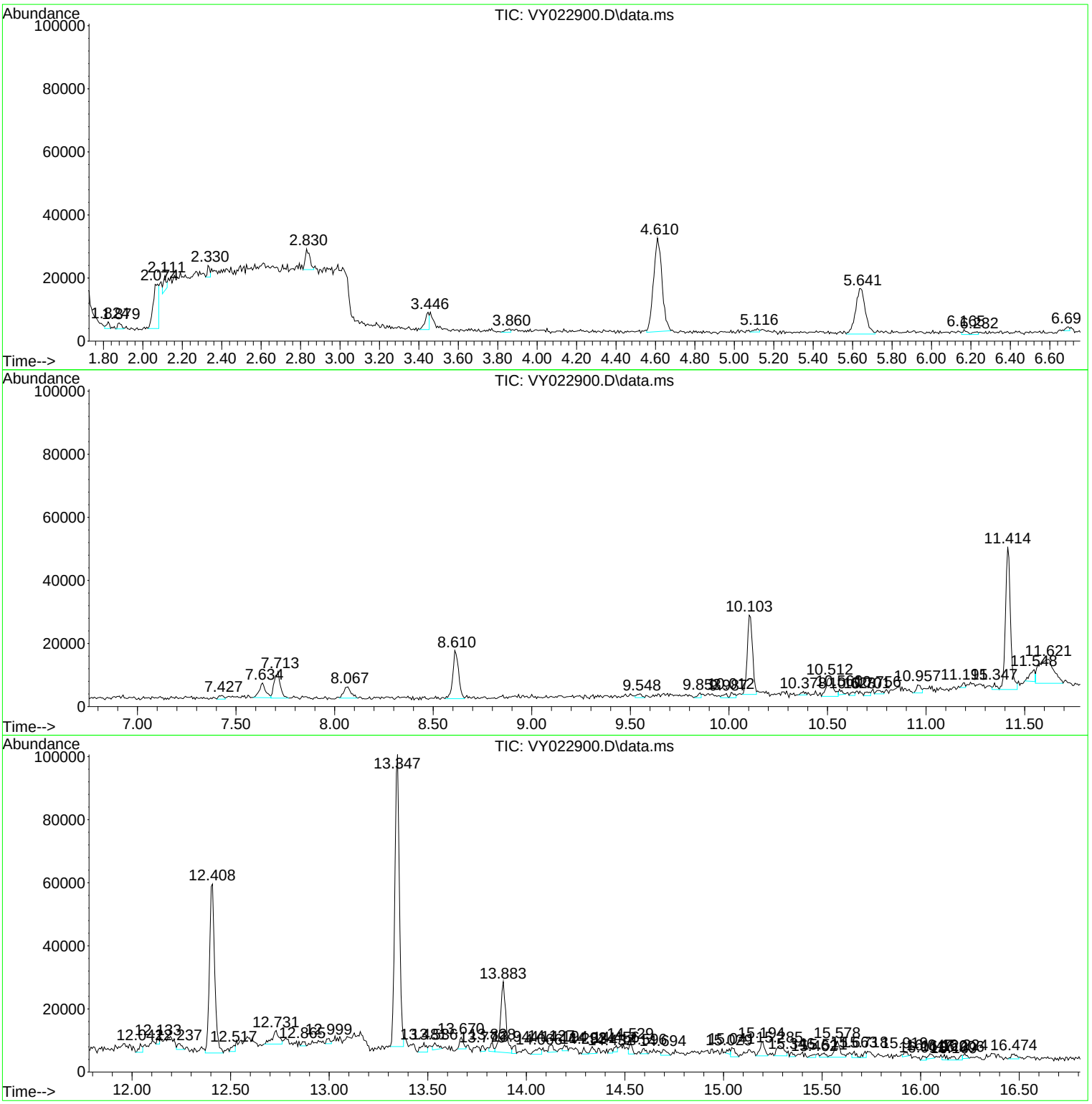
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
Data File : VY022900.D
Acq On : 01 Jul 2025 15:41
Operator : SY/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

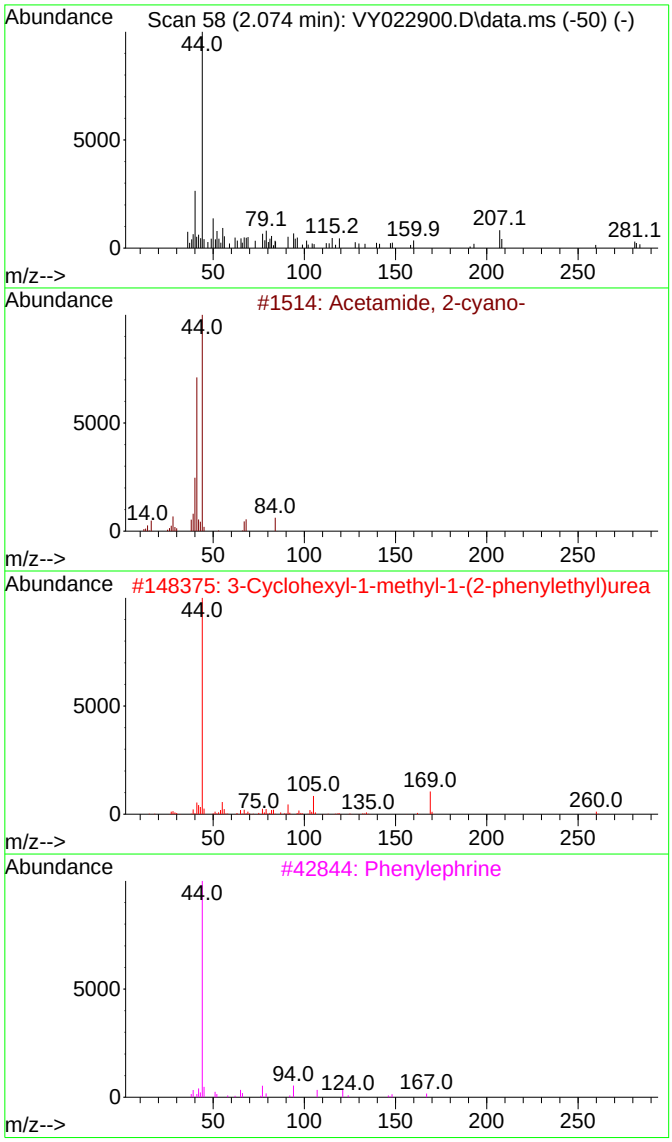
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

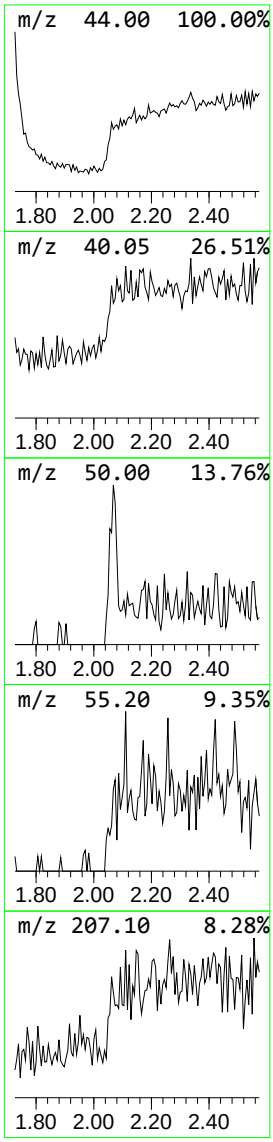
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetamide, 2-cyano- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.074	81.32 ug/l	28634	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	58
2	3-Cyclohexyl-1-methyl-1-(2-pheny...	260	C16H24N2O	1024470-80-1	53
3	Phenylephrine	167	C9H13NO2	000059-42-7	53
4	Acetamide, 2,2,2-trifluoro-	113	C2H2F3NO	000354-38-1	53
5	Propanamide, N-(1-cyclohexylethyl)-	183	C11H21NO	1344252-05-6	42





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Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

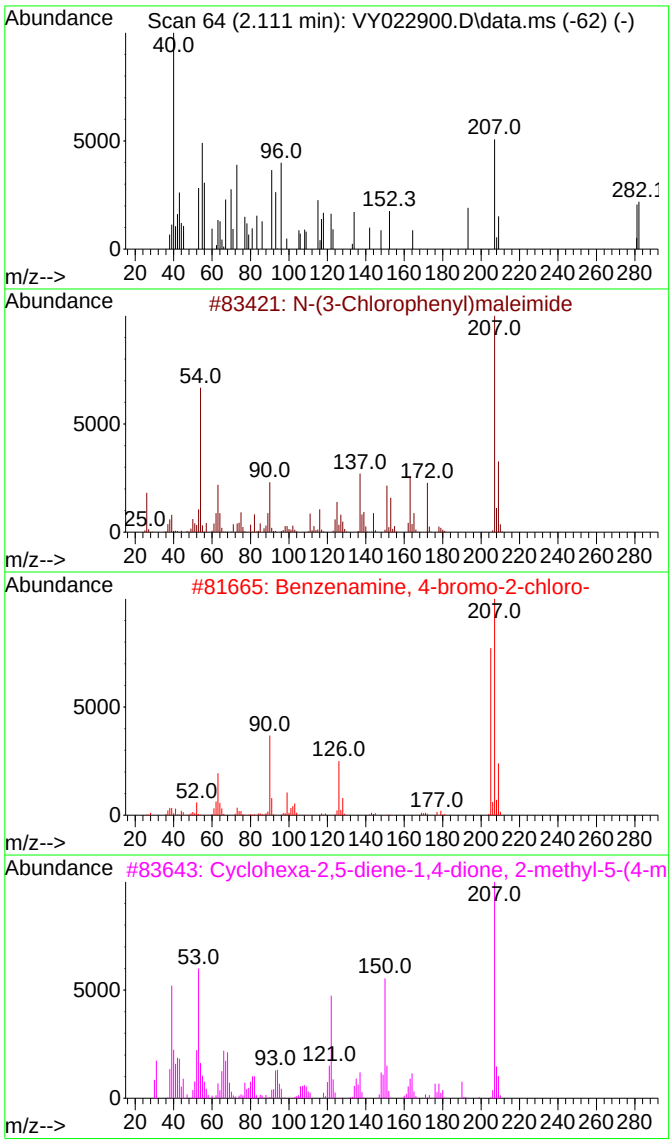
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

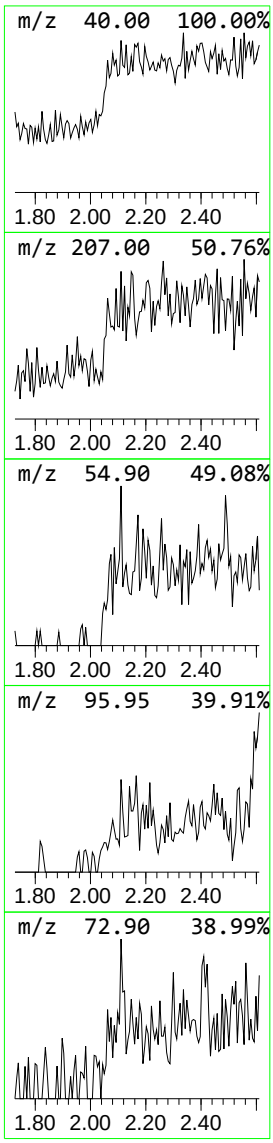
****

Peak Number 3 unknown2.111 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.111	13.33 ug/l	4693	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Chlorophenyl)maleimide	207	C10H6ClNO2	1000341-21-1	14
2	Benzenamine, 4-bromo-2-chloro-	205	C6H5BrClN	038762-41-3	14
3	Cyclohexa-2,5-diene-1,4-dione, 2...	207	C11H13NO3	002158-89-6	10
4	1H-Pyrrole-2,5-dione, 1-(4-chlor...	207	C10H6ClNO2	001631-29-4	10
5	6-Chloro-1-ethyl-4-oxoquinoline-...	251	C12H10ClNO3	066176-24-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
Data File : VY022900.D
Acq On : 01 Jul 2025 15:41
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

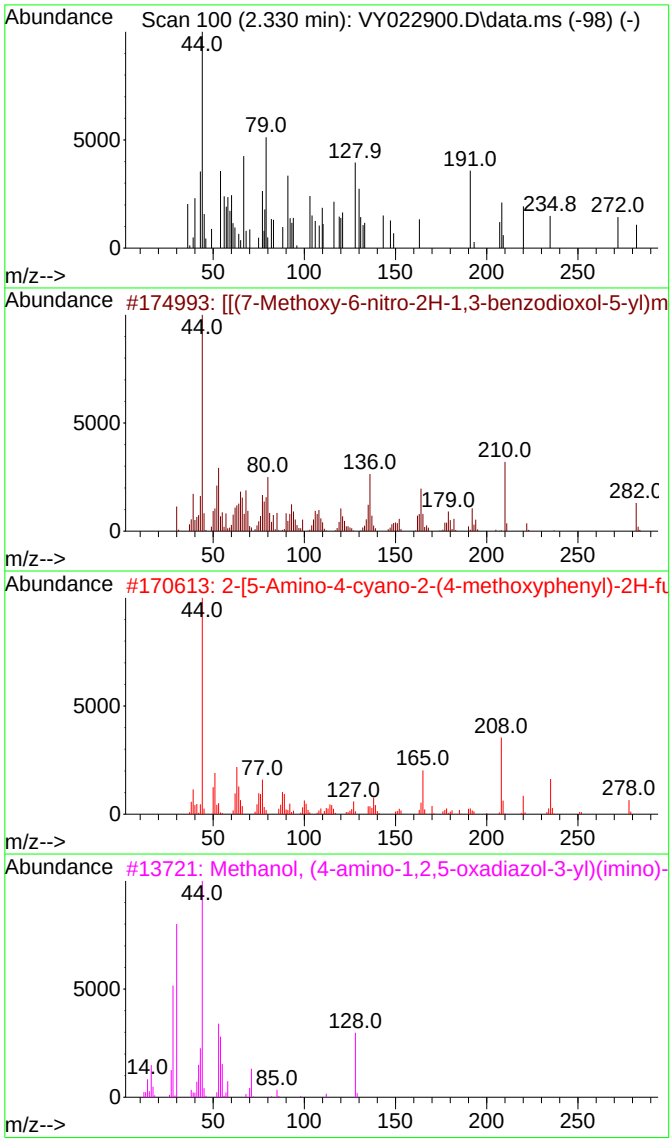
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

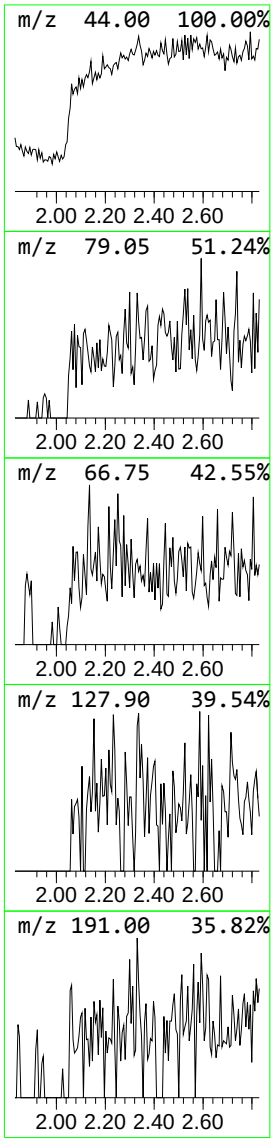
****

Peak Number 4 unknown2.330 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.330	9.03 ug/l	3178	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[[(7-Methoxy-6-nitro-2H-1,3-benz...	282	C10H10N4O6	1000387-81-5	38
2	2-[5-Amino-4-cyano-2-(4-methoxyp...	278	C15H10N4O2	1000435-15-8	27
3	Methanol, (4-amino-1,2,5-oxadiaz...	128	C3H4N4O2	013300-88-4	25
4	N-Isopropyl-3-phenylpropanamide	191	C12H17NO	056146-87-3	25
5	5-Chloro-2H-1,2,4-triazole-3-car...	147	C3H2ClN3O2	1000387-46-5	25





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

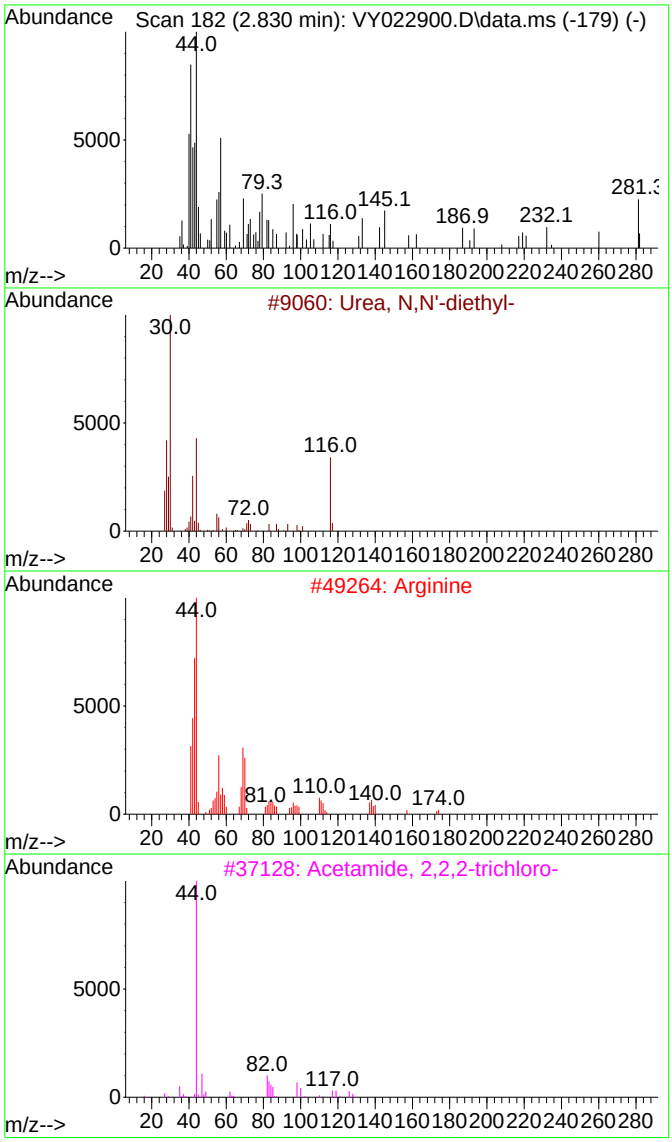
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

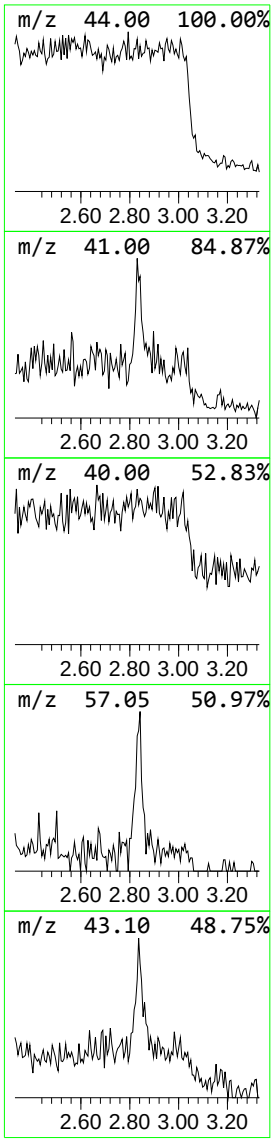
****

Peak Number 5 unknown2.830 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.830	29.65 ug/l	10441	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N'-diethyl-	116	C5H12N2O	000623-76-7	25
2	Arginine	174	C6H14N4O2	000074-79-3	25
3	Acetamide, 2,2,2-trichloro-	161	C2H2Cl3NO	000594-65-0	22
4	Acetic acid, cyano-	85	C3H3NO2	000372-09-8	22
5	N-Methyl-3-(methylamino)propanamide	116	C5H12N2O	050836-82-3	22





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

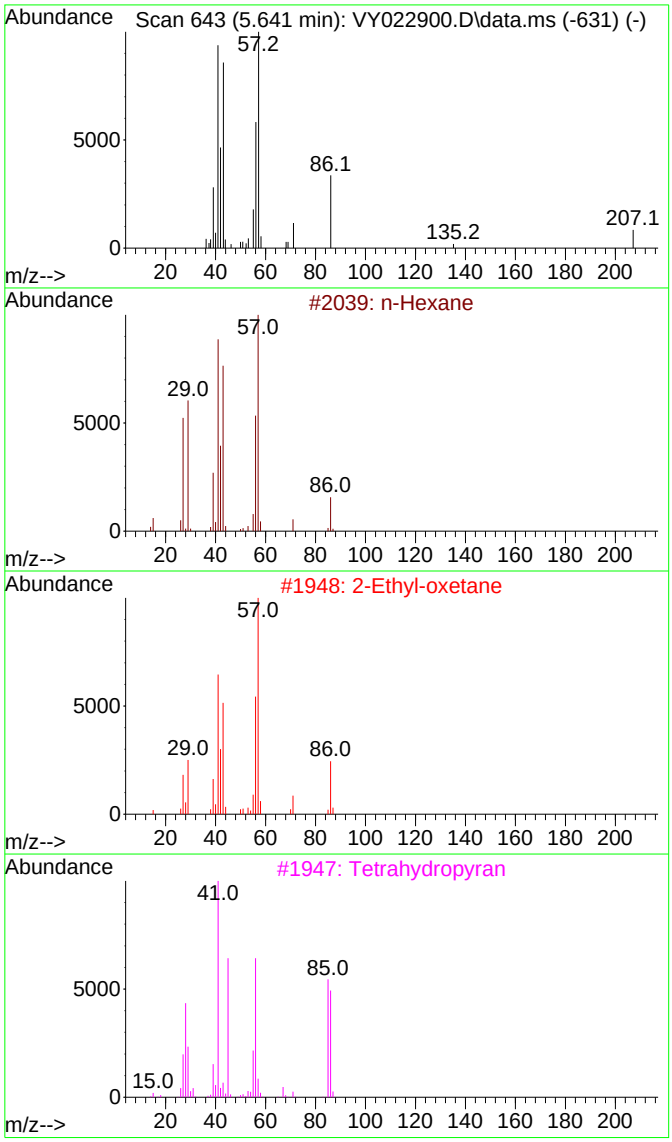
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

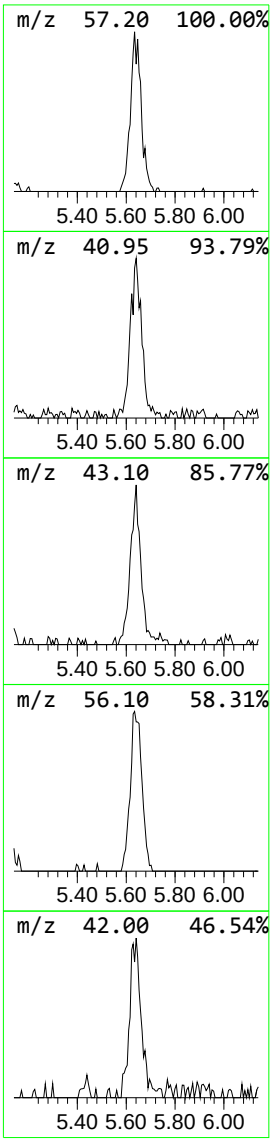
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.641	141.19 ug/l	49716	Pentafluorobenzene	7.707

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	72
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3	Tetrahydropyran	86	C5H10O	000142-68-7	38
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	37





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Data File : VY022900.D
Acq On : 01 Jul 2025 15:41
Operator : SY/MD
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260

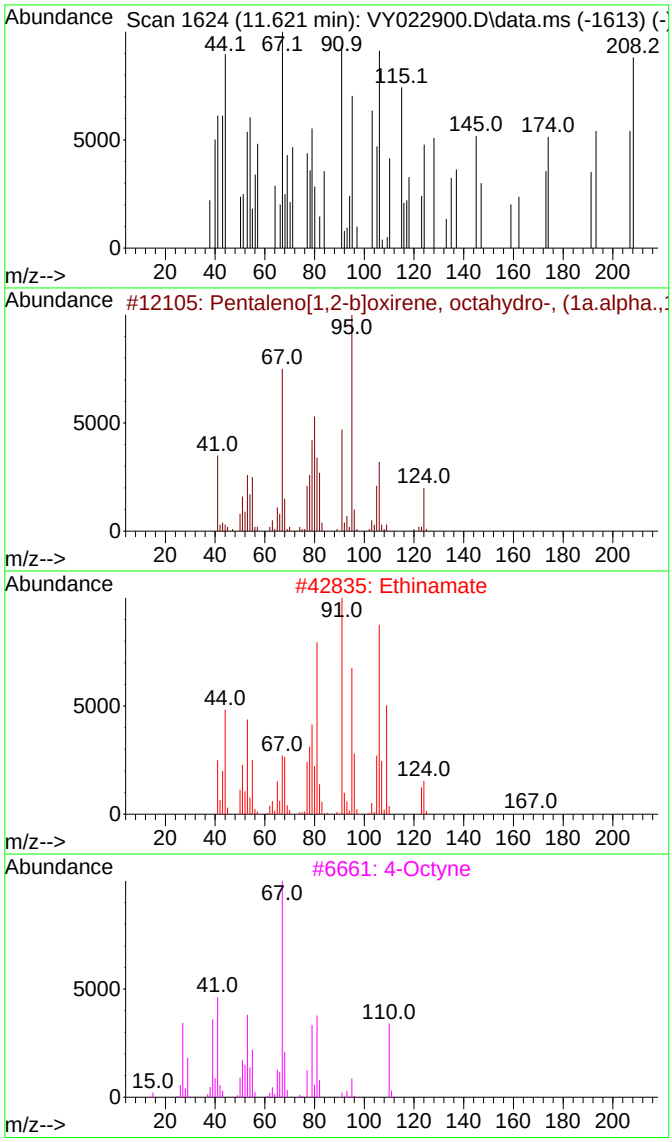
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

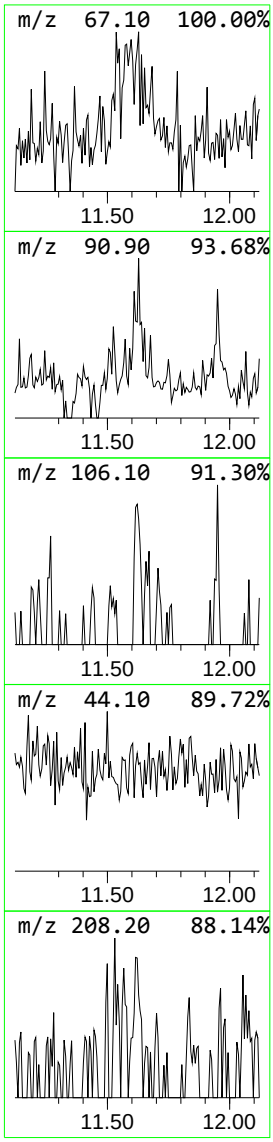
****

Peak Number 9 unknown11.621 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.621	24.89 ug/l	39831	Chlorobenzene-d5	11.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-70-2	30
2	Ethinamate	167	C9H13NO2	000126-52-3	27
3	4-Octyne	110	C8H14	001942-45-6	25
4	7-Methylxanthopteridine	193	C7H7N5O2	000492-10-4	22
5	1-Propene, 2-(2-methylphenyl)-1-...	208	C16H16	1000138-72-4	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
Data File : VY022900.D
Acq On : 01 Jul 2025 15:41
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.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
Acetamide, 2-cy...	2.074	81.3	ug/l	28634	1	7.707	17606	50.0
unknown2.111	2.111	13.3	ug/l	4693	1	7.707	17606	50.0
unknown2.330	2.330	9.0	ug/l	3178	1	7.707	17606	50.0
unknown2.830	2.830	29.6	ug/l	10441	1	7.707	17606	50.0
n-Hexane	5.641	141.2	ug/l	49716	1	7.707	17606	50.0
unknown11.621	11.621	24.9	ug/l	39831	3	11.420	80014	50.0