LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076689.D
Acq On : 03 Jul 2023 13:49
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_D\Method\SFAMDLM061523SMA.M
Title : SFAM01.0

Signal : TIC: VD076689.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	14	26	34	rBV	656445	1222867	26.17%	13.740%
2	2.799	201	206	213	rVB	30953	54152	1.16%	0.608%
3	3.211	274	276	277	rVB2	1312	794	0.02%	0.009%
4	3.293	286	290	291	rBV2	2224	2445	0.05%	0.027%
5	3.487	320	323	325	rBV2	1060	1123	0.02%	0.013%
6	3.534	330	331	335	rVV2	1528	1040	0.02%	0.012%
7	3.569	335	337	339	rVB2	897	624	0.01%	0.007%
8	3.681	353	356	357	rBV	625	611	0.01%	0.007%
9	3.911	383	395	404	rBV2	29102	80767	1.73%	0.907%
10	4.022	406	414	425	rBV	34537	89258	1.91%	1.003%
11	4.381	473	475	479	rVB2	1244	1208	0.03%	0.014%
12	4.569	505	507	509	rVV2	961	621	0.01%	0.007%
13	4.605	511	513	516	rVB2	768	733	0.02%	0.008%
14	4.640	516	519	522	rBV2	779	1305	0.03%	0.015%
15	4.740	534	536	537	rBV2	982	883	0.02%	0.010%
16	5.005	579	581	583	rVB	1751	1089	0.02%	0.012%
17	5.040	586	587	589	rBV	876	821	0.02%	0.009%
18	5.122	599	601	603	rVV2	1015	966	0.02%	0.011%
19	5.205	613	615	617	rVB2	945	911	0.02%	0.010%
20	5.275	624	627	628	rBV2	1420	1079	0.02%	0.012%
21	5.293	628	630	631	rBV2	2068	1941	0.04%	0.022%
22	5.416	648	651	652	rVB	960	792	0.02%	0.009%
23	5.475	660	661	664	rVB	1434	1044	0.02%	0.012%
24	5.516	664	668	669	rBV2	998	1424	0.03%	0.016%
25	5.622	683	686	689	rBV2	434	695	0.01%	0.008%
26	5.663	691	693	695	rBV	1889	1875	0.04%	0.021%
27	5.740	704	706	709	rBV2	1116	1074	0.02%	0.012%
28	5.828	717	721	722	rBV2	2456	2631	0.06%	0.030%
29	5.916	735	736	740	rBV2	896	1159	0.02%	0.013%
30	6.010	749	752	753	rBV3	1070	861	0.02%	0.010%
31	6.040	756	757	762	rVB	872	919	0.02%	0.010%
32	6.228	786	789	790	rVV	1106	773	0.02%	0.009%
33	6.246	790	792	795	rVB	820	654	0.01%	0.007%
34	6.275	795	797	799	rVB	994	807	0.02%	0.009%
35	6.305	799	802	803	rBV2	1033	1133	0.02%	0.013%
36	6.346	808	809	811	rVB	1225	663	0.01%	0.007%

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Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_D\Method\SFAMDLM061523SMA.M
Title : SFAM01.0

37	6.422	811	822	823	rBV2	1334	2851	0.06%	0.032%
38	6.505	834	836	837	rVV2	1035	690	0.01%	0.008%
39	6.522	837	839	841	rVB	1229	857	0.02%	0.010%
40	6.705	868	870	873	rVB2	953	704	0.02%	0.008%
41	6.734	873	875	877	rBV2	1080	1107	0.02%	0.012%
42	6.763	877	880	881	rVV	1506	1107	0.02%	0.012%
43	6.893	898	902	906	rBV3	1896	2549	0.05%	0.029%
44	6.934	906	909	910	rBV2	2055	1381	0.03%	0.016%
45	6.987	910	918	928	rBV2	25351	76248	1.63%	0.857%
46	7.281	966	968	969	rVB	1237	685	0.01%	0.008%
47	7.322	973	975	977	rBV	1001	711	0.02%	0.008%
48	7.399	985	988	989	rBV	943	654	0.01%	0.007%
49	7.428	989	993	994	rBV2	758	894	0.02%	0.010%
50	7.481	999	1002	1003	rBV2	956	1041	0.02%	0.012%
51	7.569	1005	1017	1027	rBV2	68906	184664	3.95%	2.075%
52	7.669	1033	1034	1037	rBV	919	610	0.01%	0.007%
53	7.710	1039	1041	1044	rVB2	1201	1030	0.02%	0.012%
54	7.775	1050	1052	1053	rVB	1040	670	0.01%	0.008%
55	7.787	1053	1054	1056	rBV2	1448	954	0.02%	0.011%
56	7.999	1088	1090	1091	rBV	1086	733	0.02%	0.008%
57	8.087	1099	1105	1110	rBV5	3294	7499	0.16%	0.084%
58	8.204	1114	1125	1142	rVV3	103556	345776	7.40%	3.885%
59	8.340	1144	1148	1149	rBV2	1147	1406	0.03%	0.016%
60	8.410	1156	1160	1161	rBV3	2295	2365	0.05%	0.027%
61	8.499	1173	1175	1177	rVB	1564	933	0.02%	0.010%
62	8.557	1183	1185	1187	rBV2	1109	758	0.02%	0.009%
63	8.599	1190	1192	1193	rBV2	927	602	0.01%	0.007%
64	8.616	1193	1195	1196	rBV	1247	710	0.02%	0.008%
65	8.775	1213	1222	1234	rBV	178827	364734	7.81%	4.098%
66	8.893	1240	1242	1245	rVB	1041	788	0.02%	0.009%
67	8.934	1248	1249	1252	rVB2	933	578	0.01%	0.006%
68	9.004	1257	1261	1262	rBV2	2204	2354	0.05%	0.026%
69	9.081	1271	1274	1278	rBV3	1755	2852	0.06%	0.032%
70	9.128	1280	1282	1283	rVB	1038	644	0.01%	0.007%
71	9.210	1288	1296	1303	rBV2	90840	201935	4.32%	2.269%
72	9.310	1312	1313	1314	rBV	1599	712	0.02%	0.008%
73	9.451	1335	1337	1338	rBV2	1111	900	0.02%	0.010%
74	9.522	1347	1349	1350	rBV2	1744	1172	0.03%	0.013%
75	9.610	1358	1364	1368	rVB5	3064	5765	0.12%	0.065%
76	9.669	1372	1374	1375	rVV2	1710	1038	0.02%	0.012%

LSC Area Percent Report

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Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : A46R3RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_D\Method\SFAMDLM061523SMA.M
Title : SFAM01.0

77	9.699	1375	1379	1384	rVB3	4138	7451	0.16%	0.084%
78	9.793	1394	1395	1398	rBV2	1757	1997	0.04%	0.022%
79	9.840	1398	1403	1408	rVV4	3745	7202	0.15%	0.081%
80	9.904	1411	1414	1417	rVV3	3910	4909	0.11%	0.055%
81	9.975	1422	1426	1433	rVB	47171	83687	1.79%	0.940%
82	10.051	1433	1439	1441	rBV4	5581	9415	0.20%	0.106%
83	10.122	1449	1451	1453	rBV2	681	720	0.02%	0.008%
84	10.140	1453	1454	1455	rBV2	1278	692	0.01%	0.008%
85	10.175	1458	1460	1462	rVV2	1426	1160	0.02%	0.013%
86	10.269	1469	1476	1486	rBV	118784	217182	4.65%	2.440%
87	10.422	1500	1502	1503	rBV	2121	1089	0.02%	0.012%
88	10.528	1514	1520	1526	rBV	34458	55325	1.18%	0.622%
89	10.716	1551	1552	1556	rVB3	2582	1557	0.03%	0.017%
90	10.875	1572	1579	1588	rBV	92287	173273	3.71%	1.947%
91	10.993	1595	1599	1604	rBV5	6572	13930	0.30%	0.157%
92	11.057	1607	1610	1616	rBV7	4101	6740	0.14%	0.076%
93	11.181	1626	1631	1637	rBV6	11791	21674	0.46%	0.244%
94	11.293	1647	1650	1654	rBV4	10129	13486	0.29%	0.152%
95	11.469	1675	1680	1686	rBV2	21769	35483	0.76%	0.399%
96	11.581	1691	1699	1705	rBV2	213750	370161	7.92%	4.159%
97	11.828	1737	1741	1746	rBV3	28181	45306	0.97%	0.509%
98	12.216	1803	1807	1811	rVB	91894	135864	2.91%	1.527%
99	12.657	1875	1882	1887	rBV2	141822	314350	6.73%	3.532%
100	15.304	2328	2332	2338	rVB	3080987	4671979	100.00%	52.494%

Sum of corrected areas: 8900035

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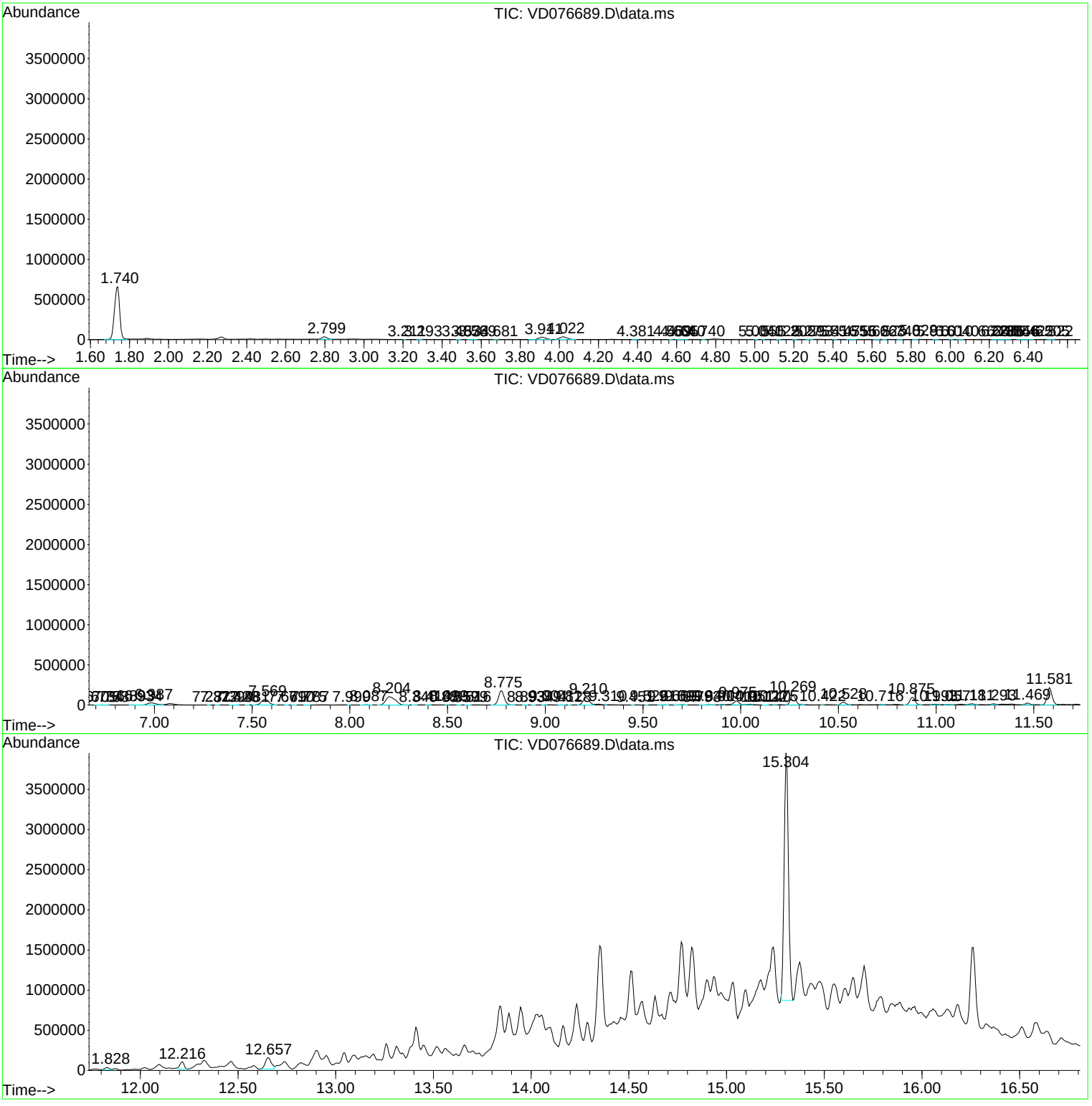
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076689.D
Acq On : 03 Jul 2023 13:49
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

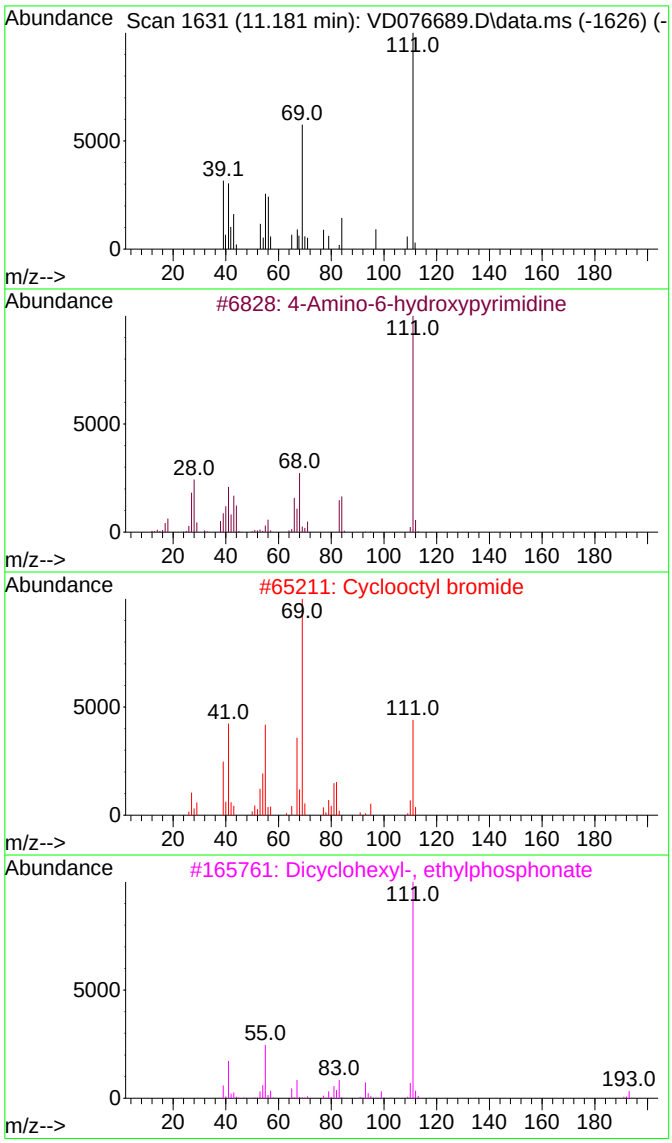
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

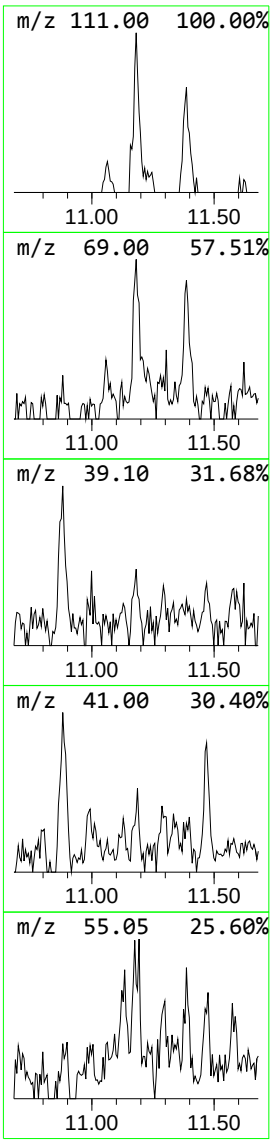
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Amino-6-hydroxypyrimidine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	1.46 ug/L	21674	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	50
2	Cyclooctyl bromide	190	C8H15Br	001556-09-8	38
3	Dicyclohexyl-, ethylphosphonate	274	C14H27O3P	169739-47-3	37
4	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	33
5	Dicyclopentyl ethylphosphonate	246	C12H23O3P	1000273-17-6	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076689.D
Acq On : 03 Jul 2023 13:49
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

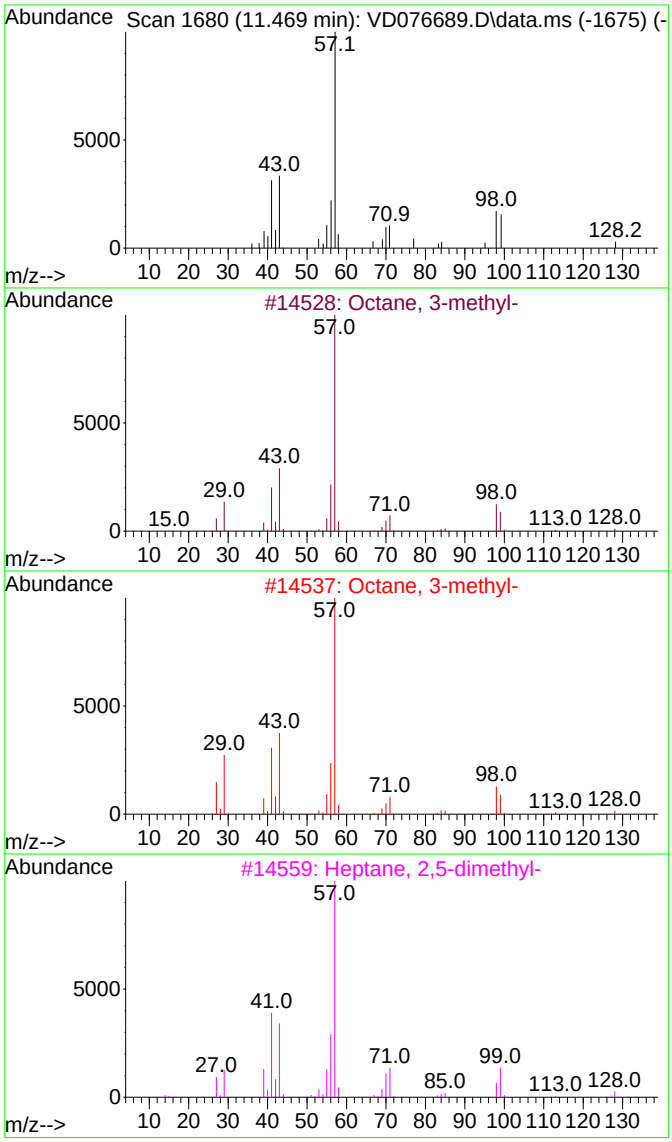
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

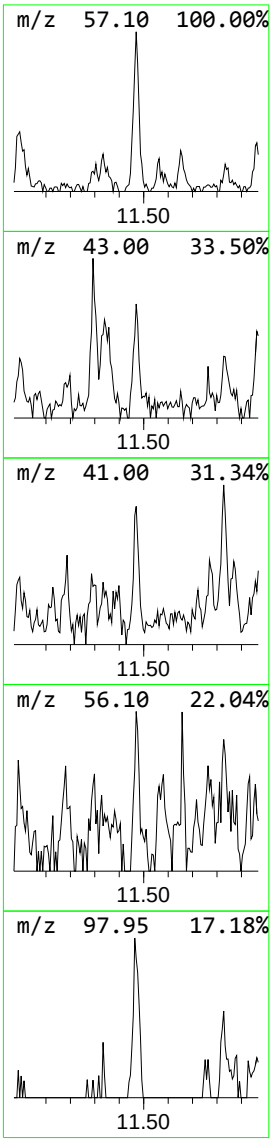
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.469	2.40 ug/L	35483	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2	Octane, 3-methyl-	128	C9H20	002216-33-3	90
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
4	Octane, 3-methyl-	128	C9H20	002216-33-3	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076689.D
Acq On : 03 Jul 2023 13:49
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

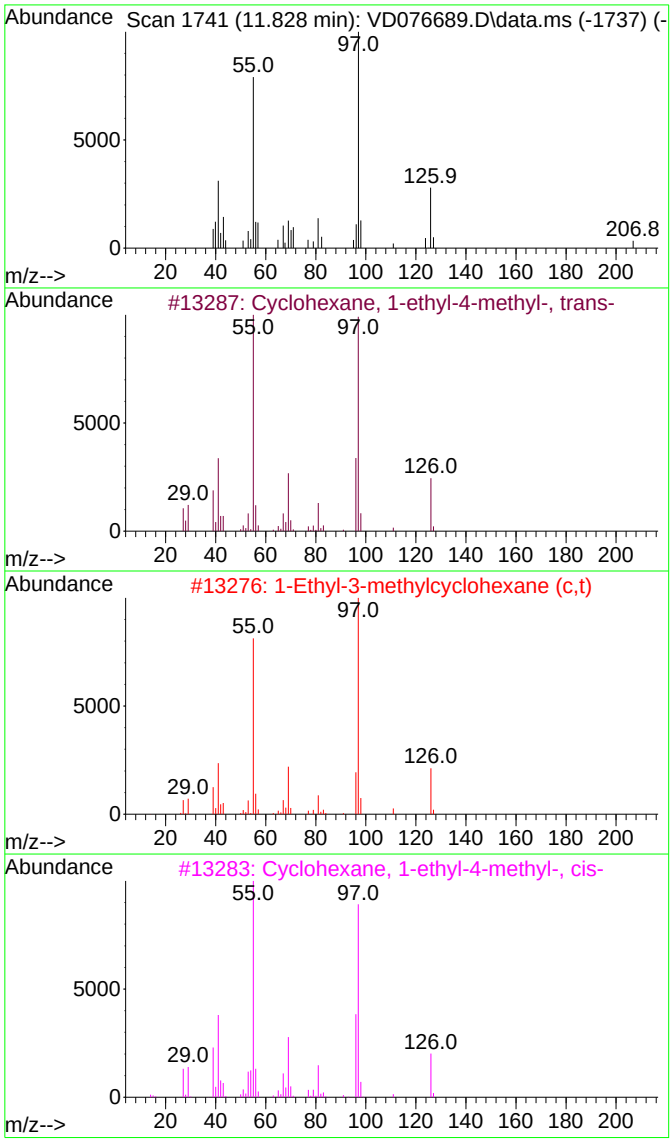
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

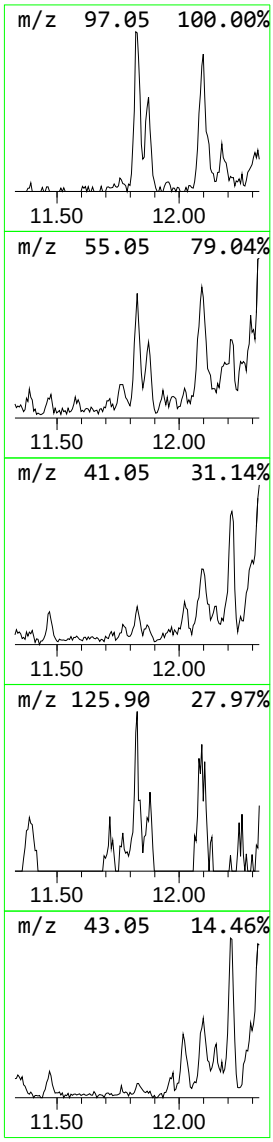
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic11.828 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	3.06 ug/L	45306	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
5	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	64





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Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

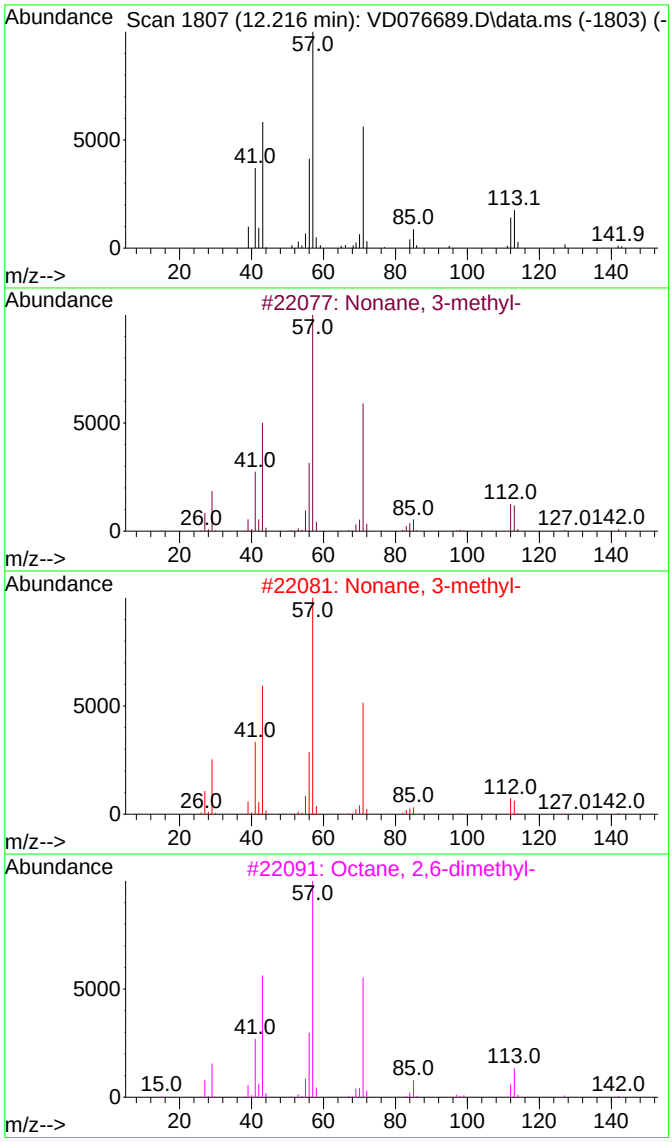
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

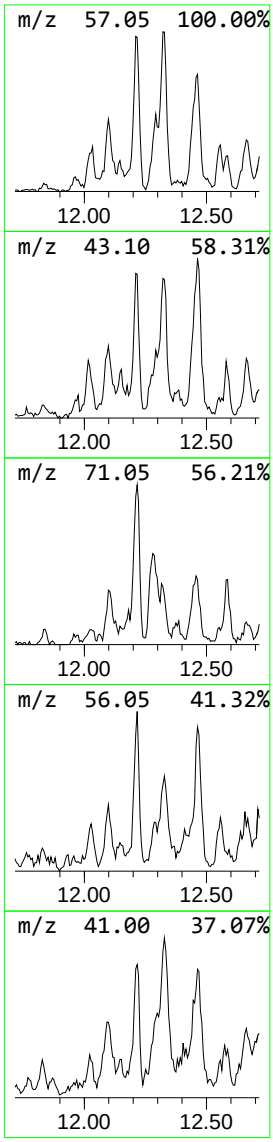
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	9.18 ug/L	135864	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076689.D
Acq On : 03 Jul 2023 13:49
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

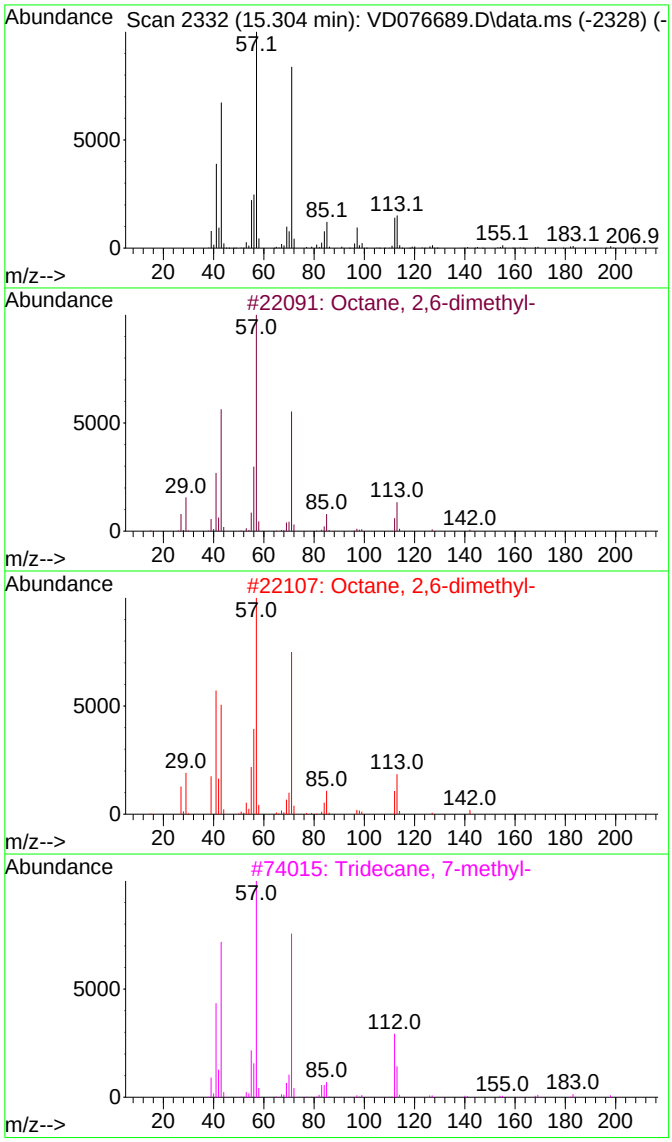
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

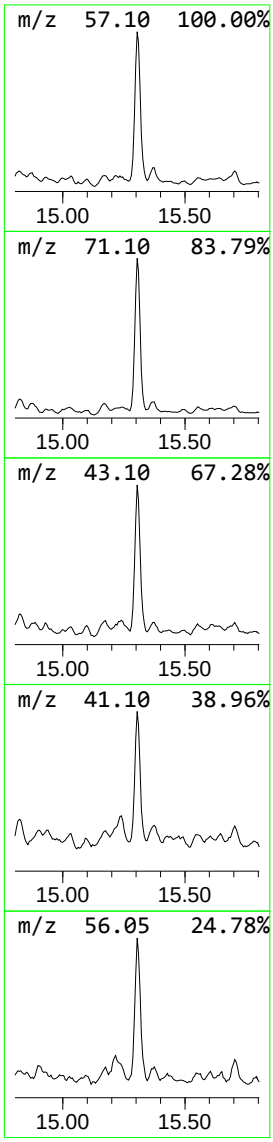
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.304	371.56 ug/L	4671980	1,4-Dichlorobenzene-d4	13.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
Data File : VD076689.D
Acq On : 03 Jul 2023 13:49
Operator : KP/SY
Sample : 03472-22RE
Misc : 4.69G/10.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A46R3RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Amino-6-hydro...	11.181	1.5	ug/L	21674	2	11.581	370161	25.0
(DEL) Alkane: S...	11.469	2.4	ug/L	35483	2	11.581	370161	25.0
(DEL) Alkane: C...	11.828	3.1	ug/L	45306	2	11.581	370161	25.0
(DEL) Alkane: S...	12.216	9.2	ug/L	135864	2	11.581	370161	25.0
(DEL) Alkane: S...	15.304	371.6	ug/L	4671980	3	13.516	314350	25.0