LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

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\SFAMDLM091024SMA.M
Title : SFAM01.0

Signal : TIC: VD079894.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	13	18	19	rBV	2796	4106	0.16%	0.060%
2	1.746	19	27	43	rVV	1659486	2541801	100.00%	37.238%
3	2.275	112	117	125	rVB	143450	203643	8.01%	2.983%
4	2.805	200	207	217	rVB	115941	216270	8.51%	3.168%
5	2.934	228	229	234	rVB2	1812	1007	0.04%	0.015%
6	3.287	286	289	290	rBV2	394	383	0.02%	0.006%
7	3.440	313	315	319	rVB2	467	420	0.02%	0.006%
8	3.605	339	343	344	rBV	741	930	0.04%	0.014%
9	3.622	344	346	348	rVB	1023	690	0.03%	0.010%
10	3.646	348	350	351	rBV2	606	480	0.02%	0.007%
11	3.916	386	396	409	rBV2	74317	193642	7.62%	2.837%
12	4.287	456	459	462	rVB2	802	900	0.04%	0.013%
13	4.316	462	464	465	rBV	903	477	0.02%	0.007%
14	4.375	471	474	477	rBV2	539	724	0.03%	0.011%
15	4.399	477	478	481	rVV	747	445	0.02%	0.007%
16	4.481	489	492	493	rBV	477	382	0.02%	0.006%
17	4.628	514	517	519	rBV2	821	891	0.04%	0.013%
18	4.716	530	532	535	rVB2	660	408	0.02%	0.006%
19	4.758	535	539	541	rBV	543	384	0.02%	0.006%
20	4.775	541	542	543	rBV	842	540	0.02%	0.008%
21	4.975	575	576	578	rBV	779	491	0.02%	0.007%
22	5.034	584	586	588	rVB	661	373	0.01%	0.005%
23	5.116	598	600	601	rBV	445	395	0.02%	0.006%
24	5.163	607	608	611	rVB	934	726	0.03%	0.011%
25	5.205	611	615	616	rBV2	805	1012	0.04%	0.015%
26	5.287	628	629	632	rVB	598	371	0.01%	0.005%
27	5.316	632	634	636	rBV2	580	582	0.02%	0.009%
28	5.399	647	648	652	rVB2	807	710	0.03%	0.010%
29	5.434	652	654	655	rBV	632	493	0.02%	0.007%
30	5.452	655	657	659	rVV	678	620	0.02%	0.009%
31	5.469	659	660	663	rVV2	730	388	0.02%	0.006%
32	5.510	663	667	669	rVV	630	711	0.03%	0.010%
33	5.569	675	677	680	rBV2	358	461	0.02%	0.007%
34	5.605	682	683	687	rVB2	841	861	0.03%	0.013%
35	5.646	687	690	691	rVB2	822	464	0.02%	0.007%
36	5.657	691	692	694	rBV	924	570	0.02%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

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\SFAMDLM091024SMA.M
Title : SFAM01.0

37	5.705	698	700	701	rVB	970	445	0.02%	0.007%
38	5.740	705	706	707	rBV	883	424	0.02%	0.006%
39	5.899	732	733	736	rVB	746	486	0.02%	0.007%
40	5.934	736	739	741	rBV	532	607	0.02%	0.009%
41	5.963	741	744	745	rBV	651	513	0.02%	0.008%
42	5.993	747	749	750	rVB	594	390	0.02%	0.006%
43	6.057	757	760	762	rBV	399	497	0.02%	0.007%
44	6.087	762	765	766	rBV2	727	633	0.02%	0.009%
45	6.128	770	772	773	rVB	810	447	0.02%	0.007%
46	6.240	789	791	794	rBV2	993	1390	0.05%	0.020%
47	6.352	808	810	812	rBV	628	421	0.02%	0.006%
48	6.387	814	816	821	rVB	892	893	0.04%	0.013%
49	6.446	821	826	827	rBV	752	871	0.03%	0.013%
50	6.481	829	832	833	rVV	439	440	0.02%	0.006%
51	6.499	833	835	836	rVB	749	420	0.02%	0.006%
52	6.575	847	848	850	rBV	678	425	0.02%	0.006%
53	6.640	857	859	862	rBV	556	450	0.02%	0.007%
54	6.669	862	864	865	rBV	642	397	0.02%	0.006%
55	6.757	877	879	882	rVB2	816	692	0.03%	0.010%
56	6.881	899	900	903	rBV	502	480	0.02%	0.007%
57	6.910	903	905	906	rBV	612	462	0.02%	0.007%
58	6.981	909	917	919	rBV2	8027	15049	0.59%	0.220%
59	7.304	971	972	974	rBV	500	374	0.01%	0.005%
60	7.375	982	984	988	rBV	637	892	0.04%	0.013%
61	7.410	988	990	992	rBV	462	480	0.02%	0.007%
62	7.569	1003	1017	1024	rBV	112078	339588	13.36%	4.975%
63	7.822	1058	1060	1061	rBV	571	411	0.02%	0.006%
64	7.946	1080	1081	1083	rBV2	730	376	0.01%	0.006%
65	8.040	1096	1097	1098	rBV	972	447	0.02%	0.007%
66	8.128	1110	1112	1113	rVB2	860	511	0.02%	0.007%
67	8.204	1113	1125	1141	rBV2	200902	606746	23.87%	8.889%
68	8.428	1162	1163	1165	rBV	682	426	0.02%	0.006%
69	8.451	1165	1167	1169	rBV	728	744	0.03%	0.011%
70	8.775	1214	1222	1234	rBV	207520	428255	16.85%	6.274%
71	8.928	1246	1248	1249	rBV	1618	618	0.02%	0.009%
72	9.051	1268	1269	1271	rBV2	834	468	0.02%	0.007%
73	9.110	1272	1279	1281	rBV3	5032	9743	0.38%	0.143%
74	9.210	1288	1296	1304	rBV	138892	290914	11.45%	4.262%
75	9.340	1316	1318	1321	rBV2	1155	970	0.04%	0.014%
76	9.446	1334	1336	1337	rVB	844	428	0.02%	0.006%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
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Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

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\SFAMDLM091024SMA.M
Title : SFAM01.0

77	9.481	1341	1342	1343	rBV	958	396	0.02%	0.006%
78	9.587	1358	1360	1361	rBV	871	438	0.02%	0.006%
79	9.598	1361	1362	1365	rBV	1253	1589	0.06%	0.023%
80	9.863	1405	1407	1408	rBV	1973	1134	0.04%	0.017%
81	9.887	1409	1411	1412	rBV2	1567	1055	0.04%	0.015%
82	9.975	1421	1426	1433	rVB3	48952	94485	3.72%	1.384%
83	10.269	1467	1476	1483	rBV	214916	394887	15.54%	5.785%
84	10.522	1506	1519	1525	rBV	37815	78247	3.08%	1.146%
85	10.634	1531	1538	1545	rBV8	18257	51968	2.04%	0.761%
86	10.875	1575	1579	1589	rVB	37096	72217	2.84%	1.058%
87	11.016	1601	1603	1605	rBV2	1976	1404	0.06%	0.021%
88	11.145	1618	1625	1635	rVB6	22531	53187	2.09%	0.779%
89	11.228	1637	1639	1644	rVV5	2186	2188	0.09%	0.032%
90	11.292	1647	1650	1651	rBV2	1331	1318	0.05%	0.019%
91	11.581	1691	1699	1708	rBV	229673	403362	15.87%	5.909%
92	11.863	1742	1747	1753	rBV3	17578	35491	1.40%	0.520%
93	12.098	1781	1787	1791	rBV7	8222	20445	0.80%	0.300%
94	12.345	1823	1829	1831	rBV7	7255	14328	0.56%	0.210%
95	12.498	1850	1855	1861	rBV5	8895	17997	0.71%	0.264%
96	12.651	1876	1881	1886	rVB	54337	89306	3.51%	1.308%
97	12.804	1902	1907	1915	rVB2	67747	139599	5.49%	2.045%
98	13.222	1973	1978	1993	rVB	60966	146315	5.76%	2.144%
99	13.516	2022	2028	2034	rVB	114494	191959	7.55%	2.812%
100	13.810	2074	2078	2085	rVB	76967	125569	4.94%	1.840%

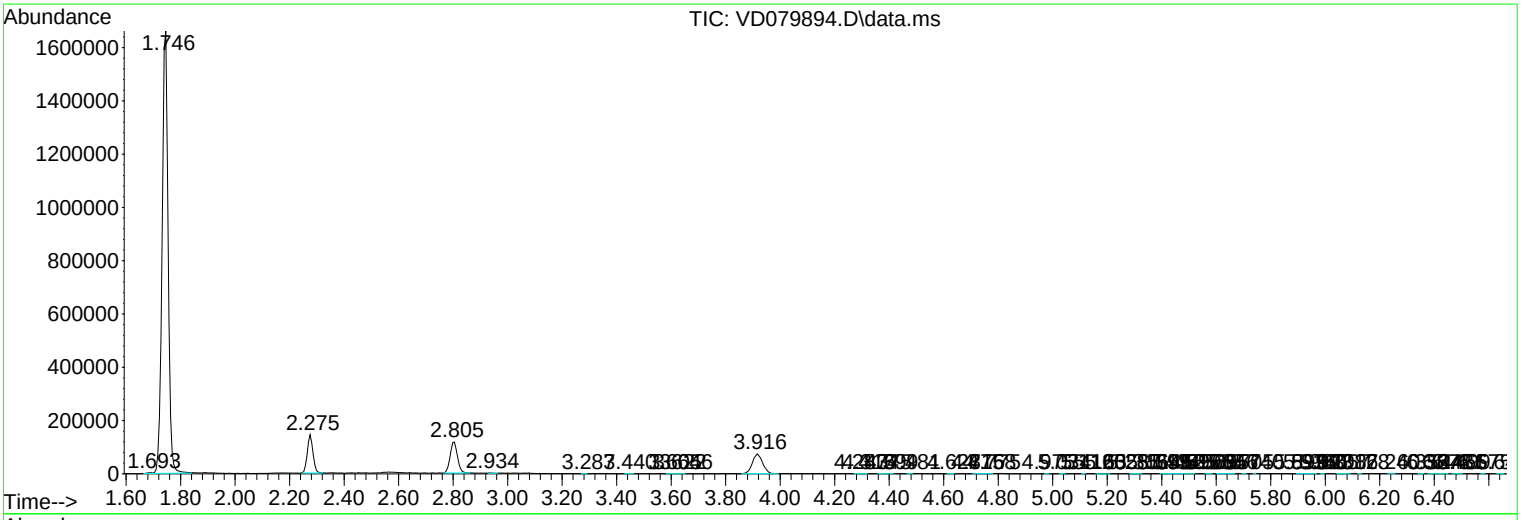
Sum of corrected areas: 6825858

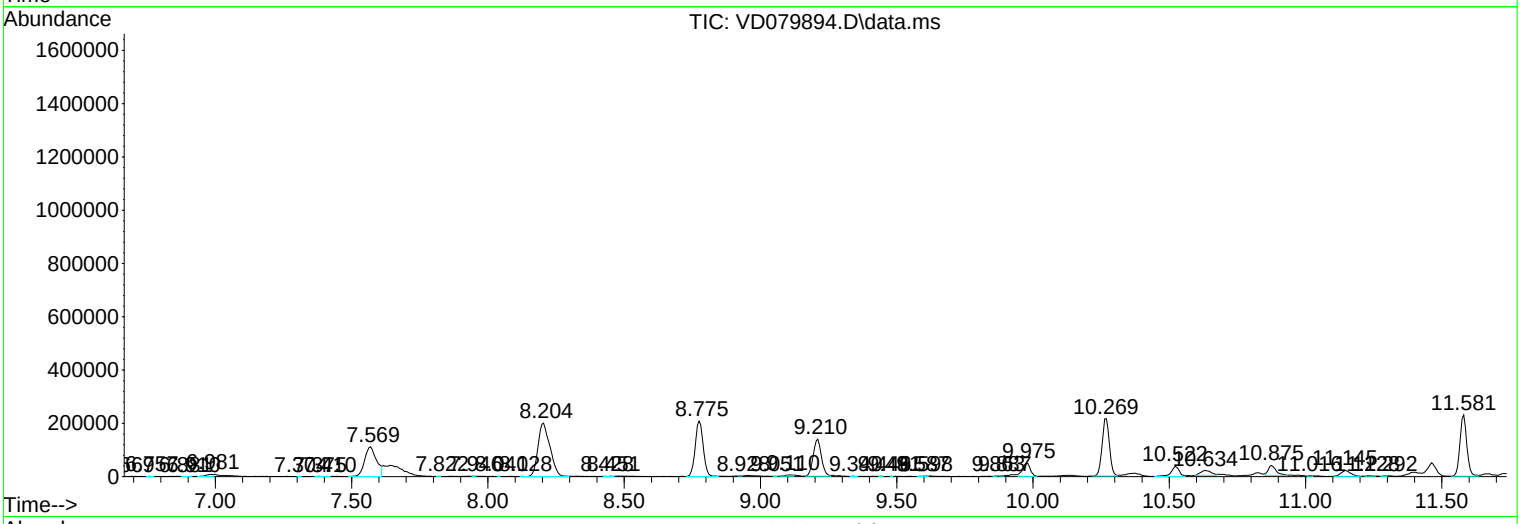
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

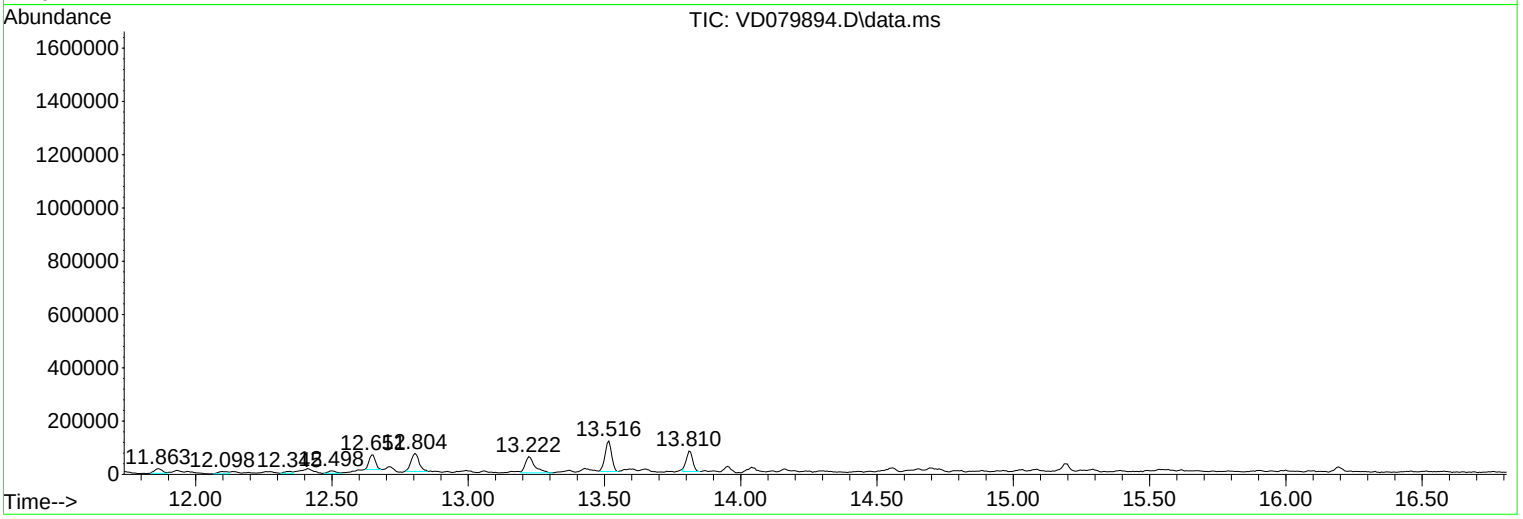
Instrument :
MSVOA_D
ClientSampleId :
A4ES7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

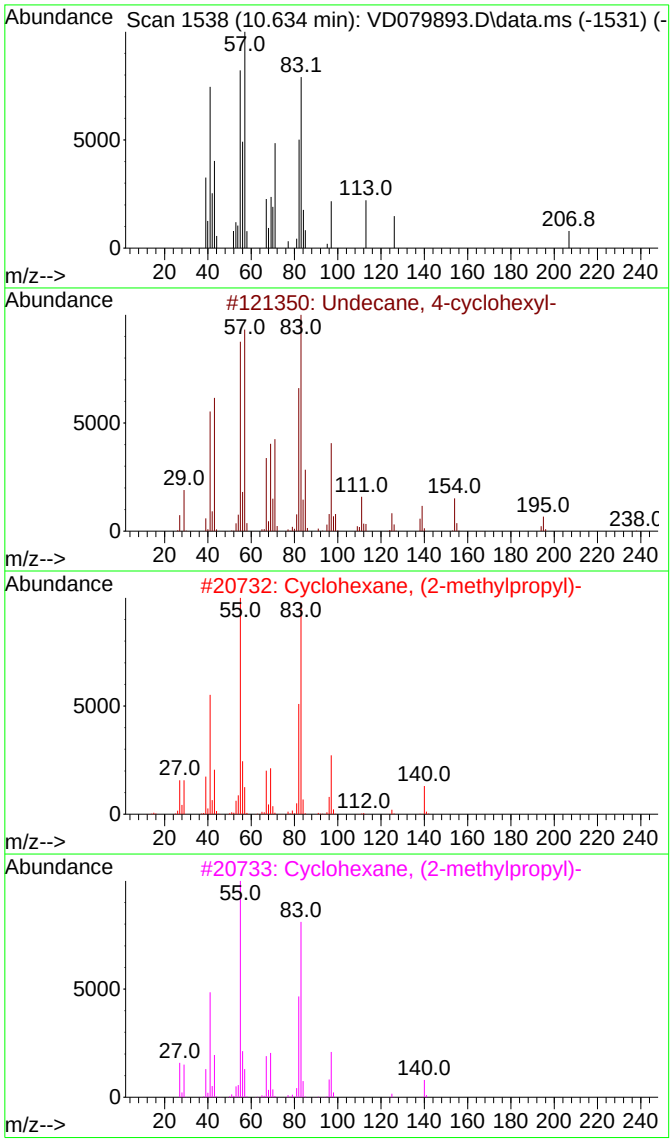
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

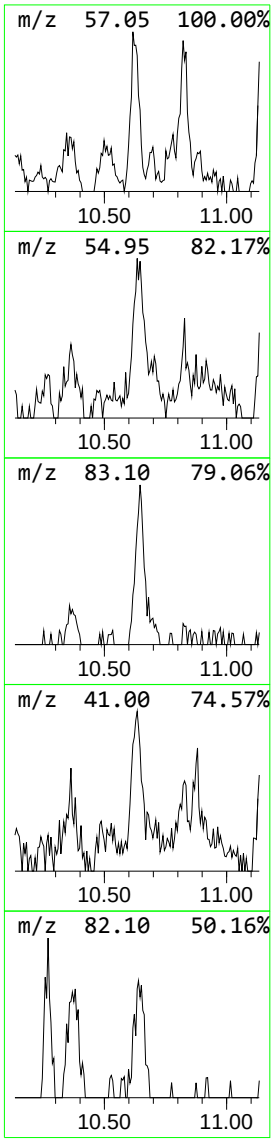
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic10.634 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	3.22 ug/L	51968	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	47
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
5	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

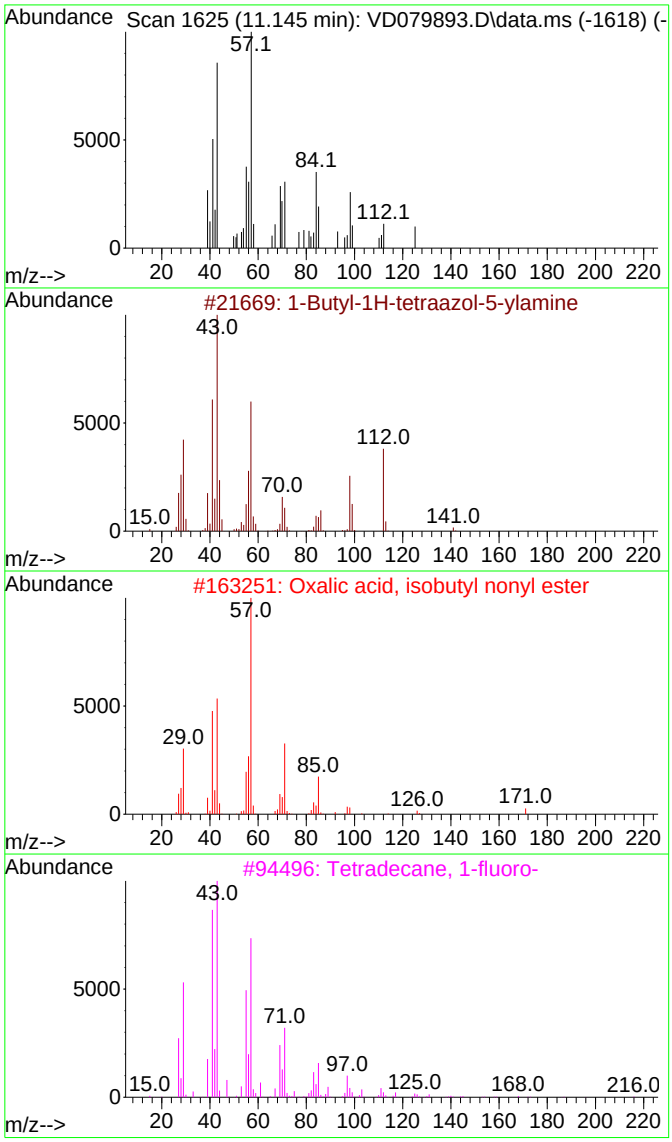
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

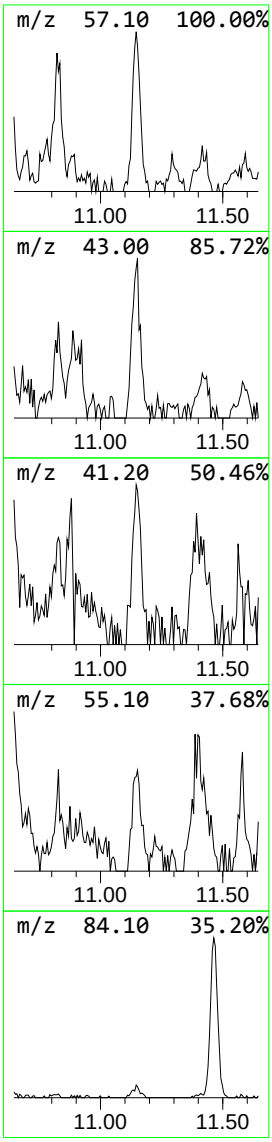
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Butyl-1H-tetraazol-5-ylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	3.30 ug/L	53187	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyl-1H-tetraazol-5-ylamine	141	C5H11N5	006280-31-5	50
2	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
3	Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	38
4	Hexadecanal	240	C16H32O	000629-80-1	32
5	Acetic acid, octyl ester	172	C10H20O2	000112-14-1	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

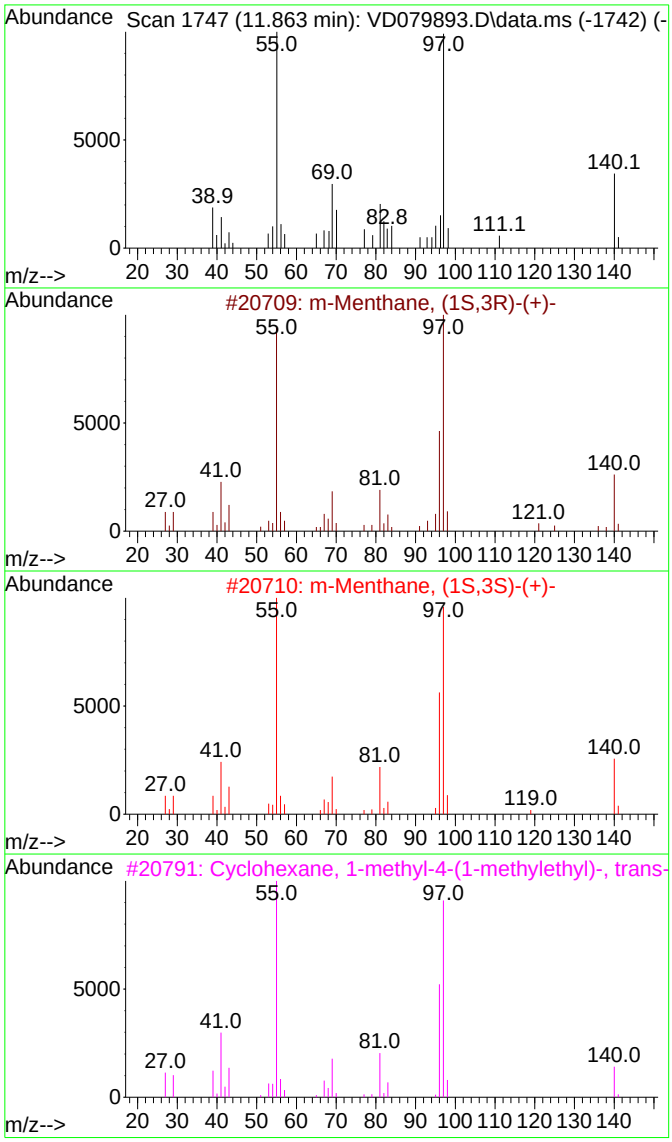
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

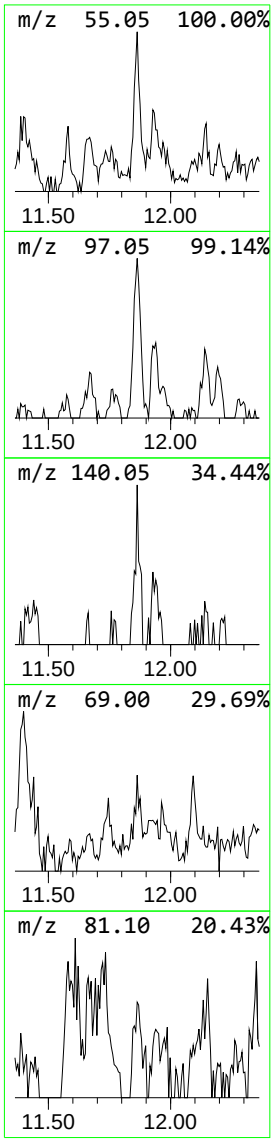
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	2.20 ug/L	35491	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	83
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	76
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
5	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

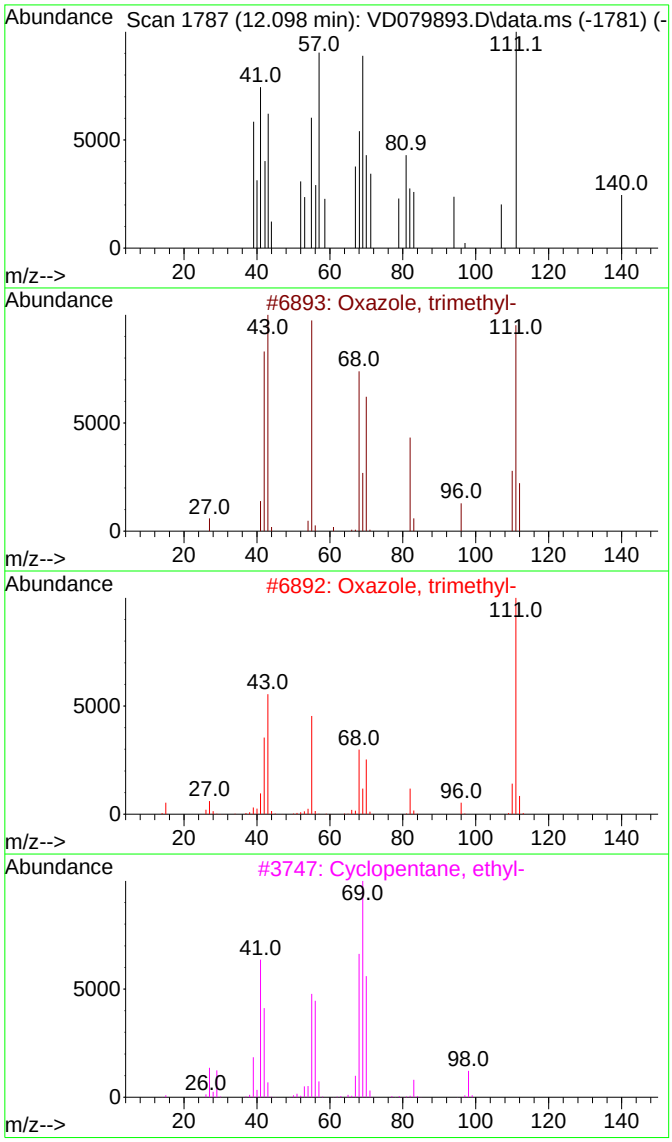
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

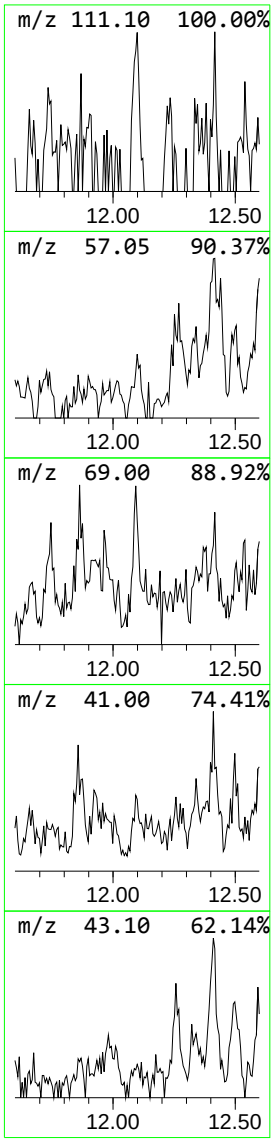
****

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	1.27 ug/L	20445	Chlorobenzene-d5	11.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	35
2	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	35
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	35
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	35
5	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092524\
Data File : VD079893.D
Acq On : 25 Sep 2024 16:34
Operator : RP/MD
Sample : P4162-08
Misc : 5.02G/10ml/MSVOA_D/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4ES7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.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
(DEL) Alkane: C...	10.634	3.2	ug/L	51968	2	11.581	403362	25.0
1-Butyl-1H-tetr...	11.145	3.3	ug/L	53187	2	11.581	403362	25.0
(DEL) Alkane: S...	11.863	2.2	ug/L	35491	2	11.581	403362	25.0
unknown-01	12.098	1.3	ug/L	20445	2	11.581	403362	25.0