LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079909.D
Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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: VD079909.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	13	17	19	rVV	3512	5050	0.20%	0.077%
2	1.746	19	27	46	rVV	1654049	2554549	100.00%	38.898%
3	2.275	111	117	123	rBV	151997	228780	8.96%	3.484%
4	2.804	200	207	214	rBV	128836	242882	9.51%	3.698%
5	3.293	288	290	294	rBV2	762	1197	0.05%	0.018%
6	3.363	301	302	304	rBV2	629	509	0.02%	0.008%
7	3.457	311	318	324	rBV3	3540	8508	0.33%	0.130%
8	3.916	386	396	411	rVB2	78954	209143	8.19%	3.185%
9	4.010	411	412	414	rBV	832	554	0.02%	0.008%
10	4.187	440	442	444	rBV	488	466	0.02%	0.007%
11	4.204	444	445	447	rBV	917	466	0.02%	0.007%
12	4.334	465	467	472	rVB2	676	1085	0.04%	0.017%
13	4.369	472	473	474	rBV	946	498	0.02%	0.008%
14	4.440	483	485	487	rBV	622	472	0.02%	0.007%
15	4.457	487	488	491	rVB2	766	522	0.02%	0.008%
16	4.569	505	507	509	rVB	691	521	0.02%	0.008%
17	4.593	509	511	515	rVB2	582	788	0.03%	0.012%
18	4.810	538	548	556	rVB4	4179	12464	0.49%	0.190%
19	4.934	567	569	570	rVV	912	522	0.02%	0.008%
20	4.998	576	580	581	rBV	815	971	0.04%	0.015%
21	5.140	602	604	606	rBV	585	594	0.02%	0.009%
22	5.216	616	617	621	rBV	485	679	0.03%	0.010%
23	5.422	650	652	655	rVB	501	541	0.02%	0.008%
24	5.451	655	657	660	rBV	545	659	0.03%	0.010%
25	5.475	660	661	667	rBV	540	667	0.03%	0.010%
26	5.534	670	671	674	rVB	797	477	0.02%	0.007%
27	5.657	690	692	693	rBV	571	511	0.02%	0.008%
28	5.792	712	715	716	rBV2	602	544	0.02%	0.008%
29	6.181	778	781	783	rBV	431	472	0.02%	0.007%
30	6.204	783	785	789	rBV2	614	824	0.03%	0.013%
31	6.328	804	806	810	rVB2	955	1000	0.04%	0.015%
32	6.439	824	825	829	rBV	855	696	0.03%	0.011%
33	6.728	873	874	880	rBV	655	1055	0.04%	0.016%
34	6.787	880	884	885	rBV	508	466	0.02%	0.007%
35	6.881	898	900	903	rVB	798	678	0.03%	0.010%
36	6.904	903	904	906	rBV	908	686	0.03%	0.010%

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Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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	6.934	908	909	910	rBV	1090	478	0.02%	0.007%
38	6.987	910	918	928	rBV	15042	43372	1.70%	0.660%
39	7.422	989	992	994	rBV2	450	548	0.02%	0.008%
40	7.569	1006	1017	1029	rBV2	109892	291165	11.40%	4.434%
41	7.686	1035	1037	1041	rVB2	671	818	0.03%	0.012%
42	7.892	1070	1072	1074	rBV	580	488	0.02%	0.007%
43	7.910	1074	1075	1078	rVV2	789	495	0.02%	0.008%
44	7.963	1082	1084	1085	rBV	619	483	0.02%	0.007%
45	8.034	1093	1096	1099	rBV2	560	563	0.02%	0.009%
46	8.204	1115	1125	1138	rBV2	222980	657741	25.75%	10.015%
47	8.486	1171	1173	1174	rBV	657	509	0.02%	0.008%
48	8.522	1178	1179	1181	rBV	803	677	0.03%	0.010%
49	8.675	1204	1205	1208	rVB	783	533	0.02%	0.008%
50	8.775	1212	1222	1232	rBV	154017	314017	12.29%	4.782%
51	9.057	1266	1270	1272	rBV2	583	573	0.02%	0.009%
52	9.210	1288	1296	1308	rVB	155142	318533	12.47%	4.850%
53	9.298	1309	1311	1312	rVV	1303	646	0.03%	0.010%
54	9.333	1315	1317	1321	rVB	1254	737	0.03%	0.011%
55	9.422	1331	1332	1335	rVB2	679	578	0.02%	0.009%
56	9.445	1335	1336	1341	rBV	588	681	0.03%	0.010%
57	9.810	1395	1398	1402	rVB2	807	819	0.03%	0.012%
58	9.869	1405	1408	1411	rBV	911	1013	0.04%	0.015%
59	9.980	1419	1427	1434	rBV	68865	130487	5.11%	1.987%
60	10.269	1468	1476	1486	rBV	243245	430912	16.87%	6.561%
61	10.339	1486	1488	1492	rVV2	978	869	0.03%	0.013%
62	10.527	1513	1520	1526	rBV	43511	77213	3.02%	1.176%
63	10.669	1537	1544	1546	rBV2	2468	3935	0.15%	0.060%
64	10.716	1549	1552	1553	rBV	916	1012	0.04%	0.015%
65	10.780	1560	1563	1566	rBV2	482	776	0.03%	0.012%
66	10.875	1573	1579	1590	rBV2	61664	106987	4.19%	1.629%
67	11.027	1602	1605	1608	rBV3	1193	1189	0.05%	0.018%
68	11.051	1608	1609	1612	rVB2	1015	845	0.03%	0.013%
69	11.116	1618	1620	1623	rVB2	1023	864	0.03%	0.013%
70	11.304	1648	1652	1656	rBV3	1906	2840	0.11%	0.043%
71	11.369	1661	1663	1664	rVB2	1168	669	0.03%	0.010%
72	11.386	1664	1666	1667	rBV	1045	849	0.03%	0.013%
73	11.404	1667	1669	1672	rVV3	1343	813	0.03%	0.012%
74	11.475	1677	1681	1683	rBV2	931	1153	0.05%	0.018%
75	11.580	1692	1699	1709	rVB	151028	262999	10.30%	4.005%
76	11.722	1721	1723	1725	rVB2	1177	707	0.03%	0.011%

LSC Area Percent Report

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Data File : VD079909.D
Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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	11.998	1767	1770	1771	rBV	1124	835	0.03%	0.013%
78	12.033	1773	1776	1777	rBV2	749	712	0.03%	0.011%
79	12.092	1784	1786	1789	rVB2	1045	736	0.03%	0.011%
80	12.227	1807	1809	1812	rBV2	811	927	0.04%	0.014%
81	12.427	1837	1843	1853	rBV4	19518	38394	1.50%	0.585%
82	12.651	1874	1881	1888	rVB	65947	112868	4.42%	1.719%
83	12.874	1918	1919	1920	rBV	1274	635	0.02%	0.010%
84	12.980	1931	1937	1945	rVB3	16755	29851	1.17%	0.455%
85	13.039	1945	1947	1950	rBB2	1374	986	0.04%	0.015%
86	13.363	2000	2002	2007	rVB3	3279	4483	0.18%	0.068%
87	13.427	2007	2013	2020	rBV	104551	172126	6.74%	2.621%
88	13.516	2023	2028	2034	rVV	76230	127255	4.98%	1.938%
89	13.563	2034	2036	2042	rVB4	4582	7259	0.28%	0.111%
90	13.810	2072	2078	2085	rBV	70235	119150	4.66%	1.814%
91	14.033	2114	2116	2120	rBV3	1592	2066	0.08%	0.031%
92	14.374	2172	2174	2175	rBV	1235	942	0.04%	0.014%
93	14.427	2181	2183	2185	rVB2	1237	704	0.03%	0.011%
94	14.445	2185	2186	2188	rBV2	1694	995	0.04%	0.015%
95	15.010	2280	2282	2283	rBV2	1190	603	0.02%	0.009%
96	15.474	2359	2361	2362	rBV	1117	509	0.02%	0.008%
97	15.580	2377	2379	2380	rBV	1070	489	0.02%	0.007%
98	16.133	2471	2473	2476	rVB3	1289	1014	0.04%	0.015%
99	16.298	2499	2501	2504	rBV2	1305	1459	0.06%	0.022%
100	16.621	2554	2556	2558	rBV	1369	1223	0.05%	0.019%

Sum of corrected areas: 6567303

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079909.D
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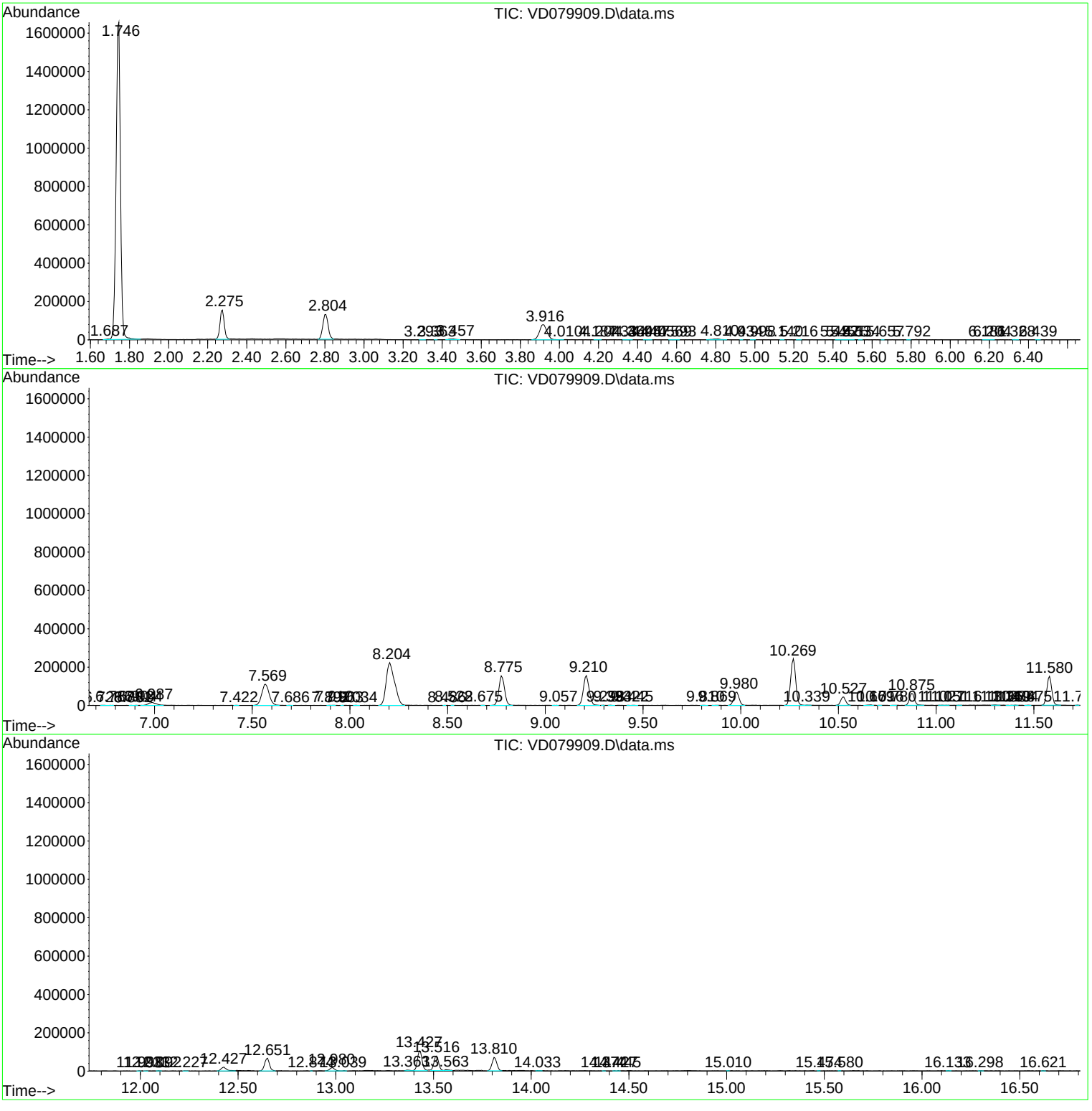
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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\VD092624\
Data File : VD079909.D
Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

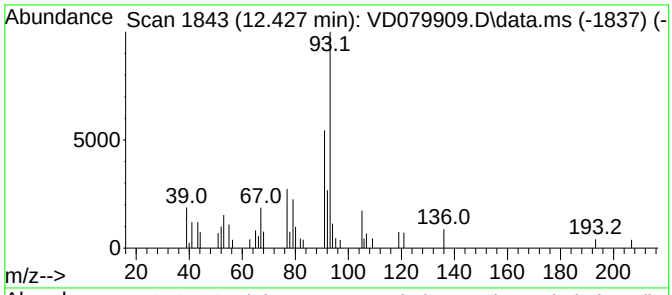
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

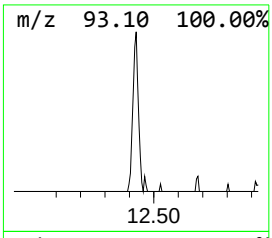
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

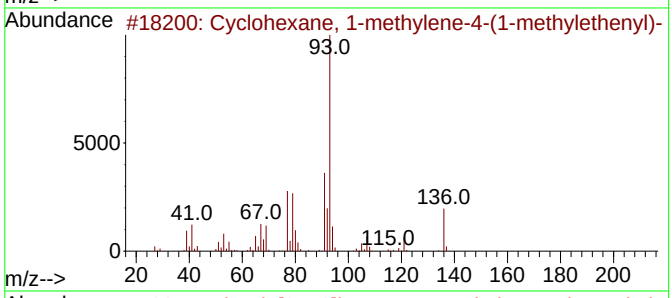
****
Peak Number 3 Cyclohexane, 1-methylene-4-... Concentration Rank 5

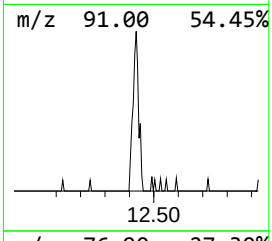
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	3.65 ug/L	38394	Chlorobenzene-d5	11.580

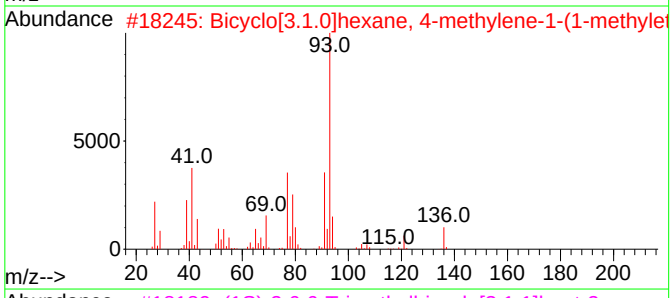
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	91
2	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	87
3	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	87
4	.alpha.-Pinene	136	C10H16	000080-56-8	87
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87

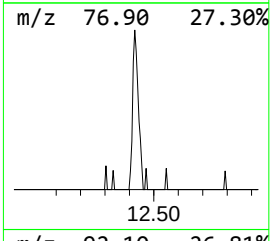


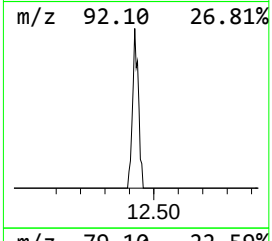


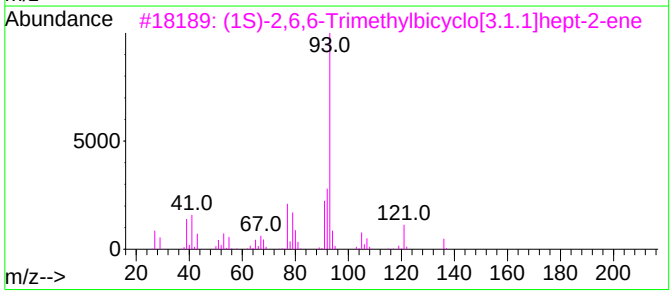


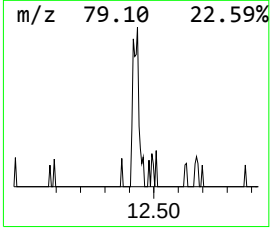












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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

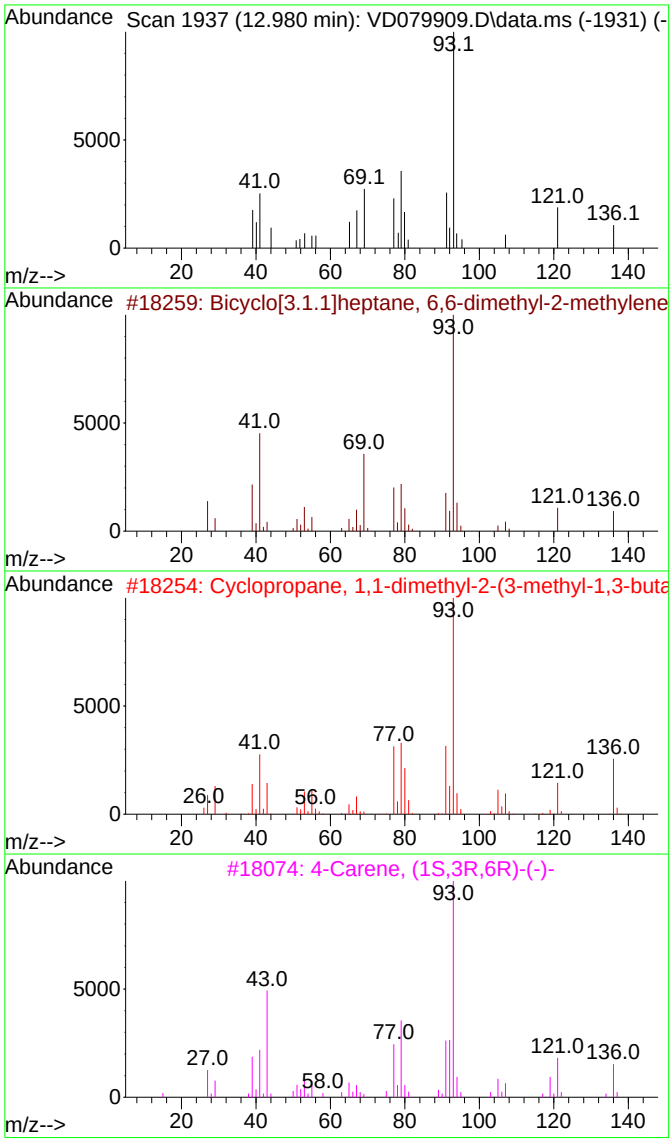
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
Quant Title : SFAM01.0

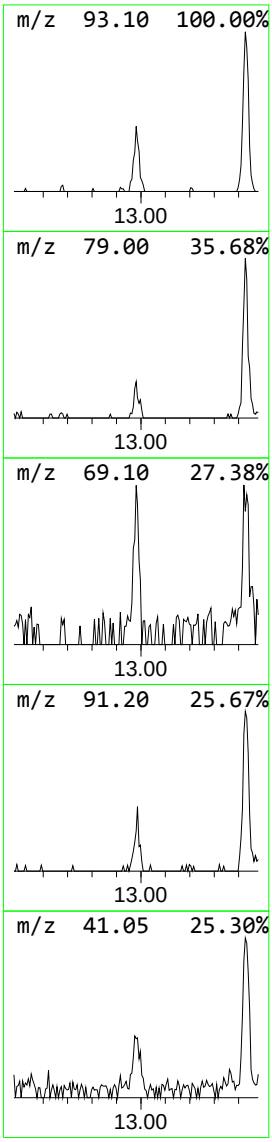
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	5.86 ug/L	29851	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	90
2	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	90
3	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	80
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	78
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079909.D
Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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

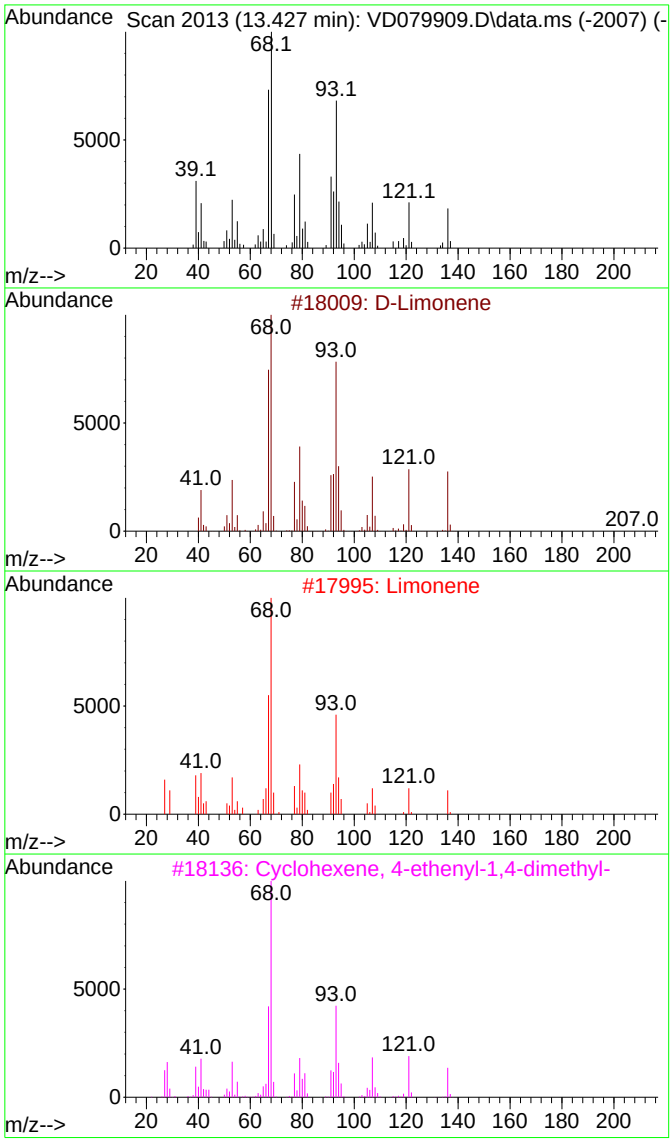
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

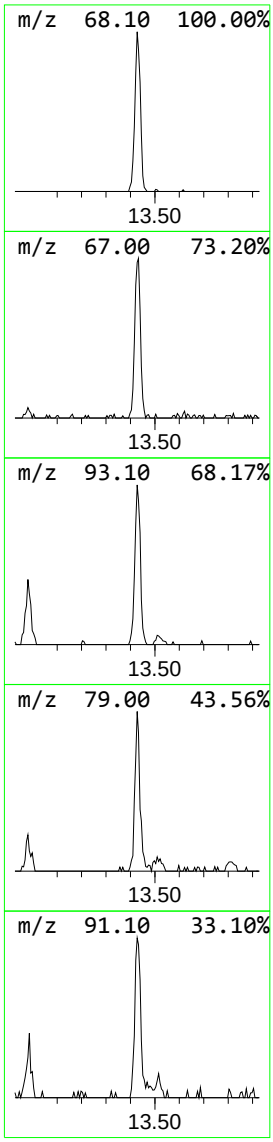
****

Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.427	33.82 ug/L	172126	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	93
2	Limonene	136	C10H16	000138-86-3	76
3	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	76
4	D-Limonene	136	C10H16	005989-27-5	76
5	D-Limonene	136	C10H16	005989-27-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079909.D
Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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

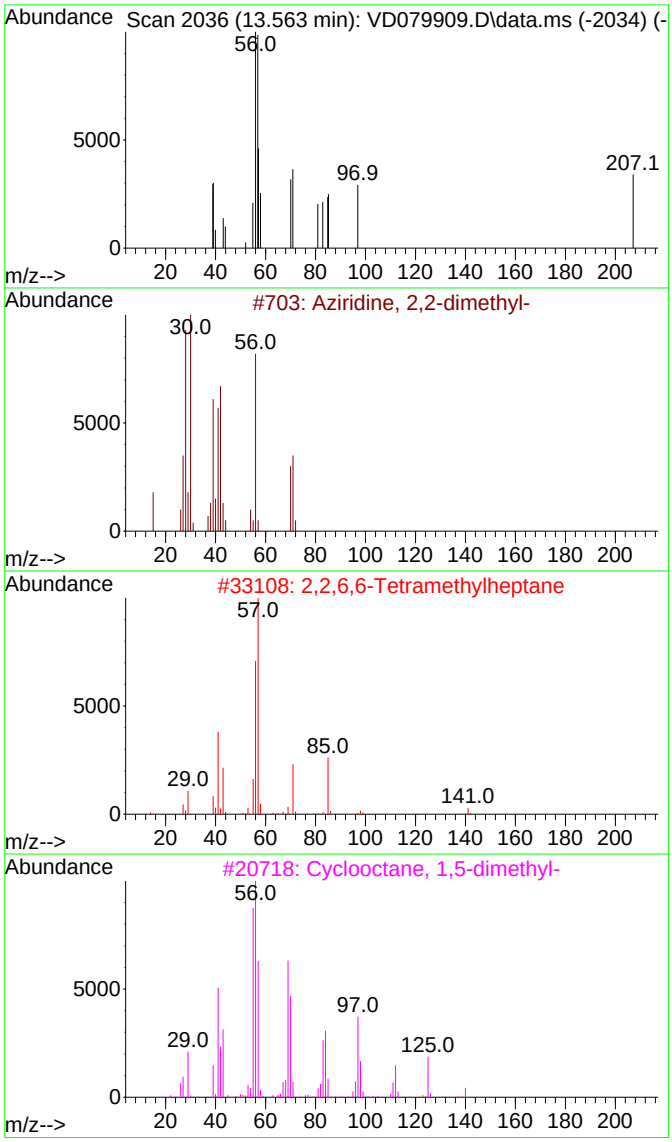
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

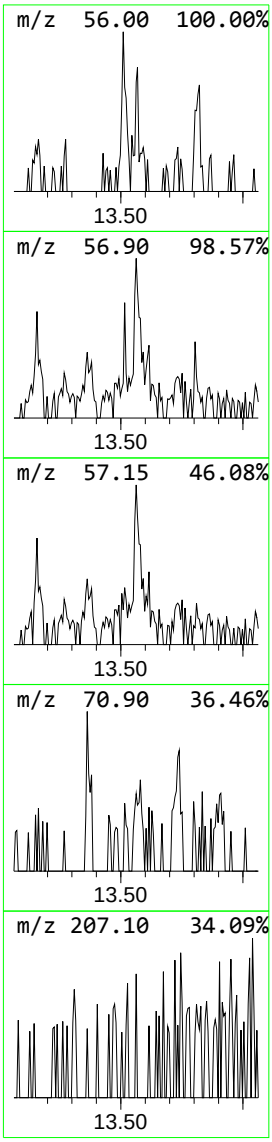
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.563	1.43 ug/L	7259	1,4-Dichlorobenzene-d4	13.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	37
2	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	37
3	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	17
4	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	10
5	5H-Tetrazol-5-amine	85	CH3N5	1000273-02-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092624\
Data File : VD079909.D
Acq On : 26 Sep 2024 15:39
Operator : RP/MD
Sample : P4183-01
Misc : 4.82G/10ml/MSVOA_D/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A4EK6

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
Cyclohexane, 1-...	12.427	3.6	ug/L	38394	2	11.580	262999	25.0
Bicyclo[3.1.1]h...	12.980	5.9	ug/L	29851	3	13.510	127255	25.0
D-Limonene	13.427	33.8	ug/L	172126	3	13.510	127255	25.0
unknown-01	13.563	1.4	ug/L	7259	3	13.510	127255	25.0