LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

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_D\Method\82D103023S.M
Title : SW846 8260

Signal : TIC: VD077520.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	19	26	39	rVB	762076	1385228	78.20%	10.314%
2	4.022	407	414	421	rBV2	13157	33464	1.89%	0.249%
3	4.275	447	457	471	rVB	22739	67139	3.79%	0.500%
4	4.799	536	546	559	rBV2	22705	76448	4.32%	0.569%
5	5.846	712	724	735	rBV2	17373	54509	3.08%	0.406%
6	7.069	918	932	942	rBV3	24777	80226	4.53%	0.597%
7	7.805	1047	1057	1063	rBV	214839	516152	29.14%	3.843%
8	7.875	1063	1069	1080	rVB	367206	828722	46.79%	6.170%
9	8.228	1115	1129	1139	rBV4	200729	535466	30.23%	3.987%
10	8.775	1212	1222	1233	rBV	617956	1262452	71.27%	9.400%
11	10.269	1468	1476	1484	rBV	984491	1771280	100.00%	13.188%
12	10.663	1537	1543	1551	rVB2	32513	58228	3.29%	0.434%
13	11.028	1595	1605	1615	rBV2	30519	67044	3.79%	0.499%
14	11.404	1664	1669	1675	rVB3	19555	36360	2.05%	0.271%
15	11.581	1690	1699	1710	rVV	816066	1413590	79.81%	10.525%
16	11.681	1710	1716	1723	rVV4	17471	44348	2.50%	0.330%
17	11.793	1726	1735	1738	rVV7	13921	42088	2.38%	0.313%
18	11.834	1738	1742	1753	rVB6	17532	45817	2.59%	0.341%
19	12.210	1799	1806	1811	rVB3	12960	28163	1.59%	0.210%
20	12.328	1815	1826	1833	rBV8	28237	88769	5.01%	0.661%
21	12.428	1836	1843	1847	rBV6	26459	47068	2.66%	0.350%
22	12.575	1859	1868	1874	rBV2	600178	1084191	61.21%	8.072%
23	12.640	1875	1879	1882	rVV5	23617	37908	2.14%	0.282%
24	12.675	1882	1885	1889	rVV5	28447	42353	2.39%	0.315%
25	12.734	1889	1895	1904	rVB5	46339	128007	7.23%	0.953%
26	12.822	1904	1910	1913	rBV7	16294	33451	1.89%	0.249%
27	12.922	1917	1927	1935	rVB4	91188	246129	13.90%	1.833%
28	13.004	1935	1941	1946	rBV3	52232	83530	4.72%	0.622%
29	13.069	1946	1952	1959	rVB5	20199	44782	2.53%	0.333%
30	13.128	1959	1962	1965	rBV4	29840	45734	2.58%	0.341%
31	13.163	1965	1968	1972	rVB	43324	54319	3.07%	0.404%
32	13.210	1972	1976	1982	rBV2	33588	50023	2.82%	0.372%
33	13.269	1982	1986	1992	rVB	30555	43584	2.46%	0.325%
34	13.345	1994	1999	2000	rBV4	24952	33794	1.91%	0.252%
35	13.375	2001	2004	2008	rVB3	30739	40585	2.29%	0.302%
36	13.457	2014	2018	2022	rBV	59365	91411	5.16%	0.681%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

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_D\Method\82D103023S.M
Title : SW846 8260

37	13.516	2022	2028	2042	rVB	642145	1188820	67.12%	8.851%
38	13.740	2059	2066	2074	rVB6	37199	111060	6.27%	0.827%
39	13.845	2078	2084	2088	rBV4	58990	105116	5.93%	0.783%
40	13.916	2091	2096	2099	rBV	28834	35015	1.98%	0.261%
41	13.981	2102	2107	2109	rBV2	20239	33274	1.88%	0.248%
42	14.063	2115	2121	2127	rVB2	62204	107733	6.08%	0.802%
43	14.169	2133	2139	2145	rBV4	51291	86466	4.88%	0.644%
44	14.228	2145	2149	2155	rVB9	16566	31132	1.76%	0.232%
45	14.310	2155	2163	2166	rBV4	28620	55960	3.16%	0.417%
46	14.392	2166	2177	2180	rBV6	55419	137539	7.76%	1.024%
47	14.469	2187	2190	2194	rBV6	23947	32640	1.84%	0.243%
48	14.510	2194	2197	2201	rVB5	17086	24745	1.40%	0.184%
49	14.663	2219	2223	2227	rBV6	15887	31410	1.77%	0.234%
50	14.698	2227	2229	2234	rVB3	24286	33600	1.90%	0.250%
51	14.763	2234	2240	2247	rBV4	83730	197560	11.15%	1.471%
52	14.822	2247	2250	2256	rVB4	14818	26088	1.47%	0.194%
53	14.922	2263	2267	2272	rVB2	24116	35901	2.03%	0.267%
54	15.034	2281	2286	2291	rBV4	32034	64530	3.64%	0.480%
55	15.151	2300	2306	2312	rVB4	30842	70569	3.98%	0.525%
56	15.334	2327	2337	2343	rBV2	50128	104422	5.90%	0.777%
57	15.386	2343	2346	2351	rBV6	13743	26842	1.52%	0.200%
58	15.628	2380	2387	2393	rBV6	16287	37849	2.14%	0.282%
59	15.828	2417	2421	2427	rVB7	24122	47198	2.66%	0.351%
60	15.922	2431	2437	2443	rBV9	11403	24079	1.36%	0.179%
61	16.139	2466	2474	2481	rBV7	24473	56258	3.18%	0.419%
62	16.339	2500	2508	2514	rBV9	18998	48936	2.76%	0.364%
63	16.404	2514	2519	2525	rVV5	17734	37983	2.14%	0.283%
64	16.604	2544	2553	2561	rBV2	40291	95749	5.41%	0.713%

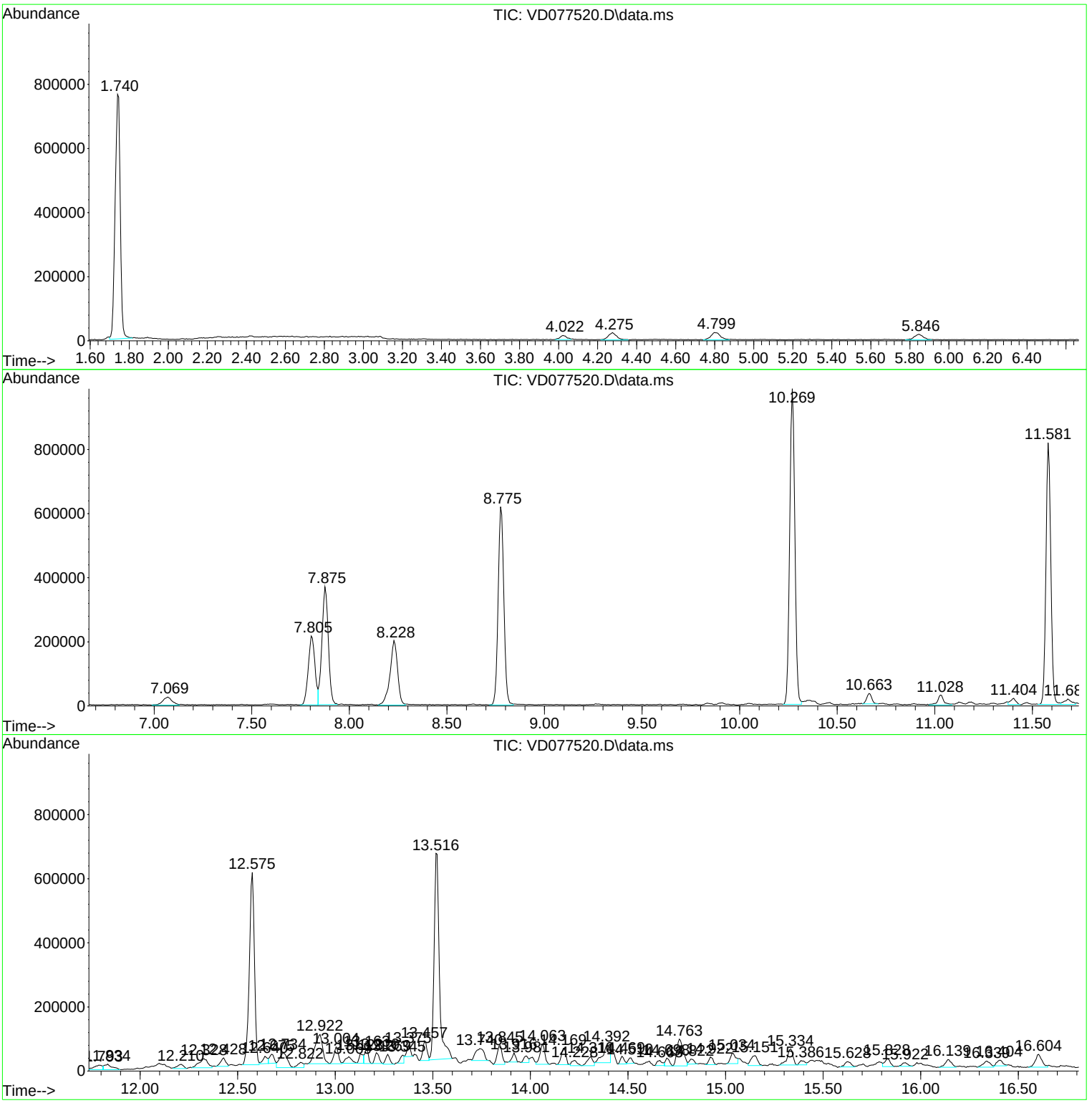
Sum of corrected areas: 13430836

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

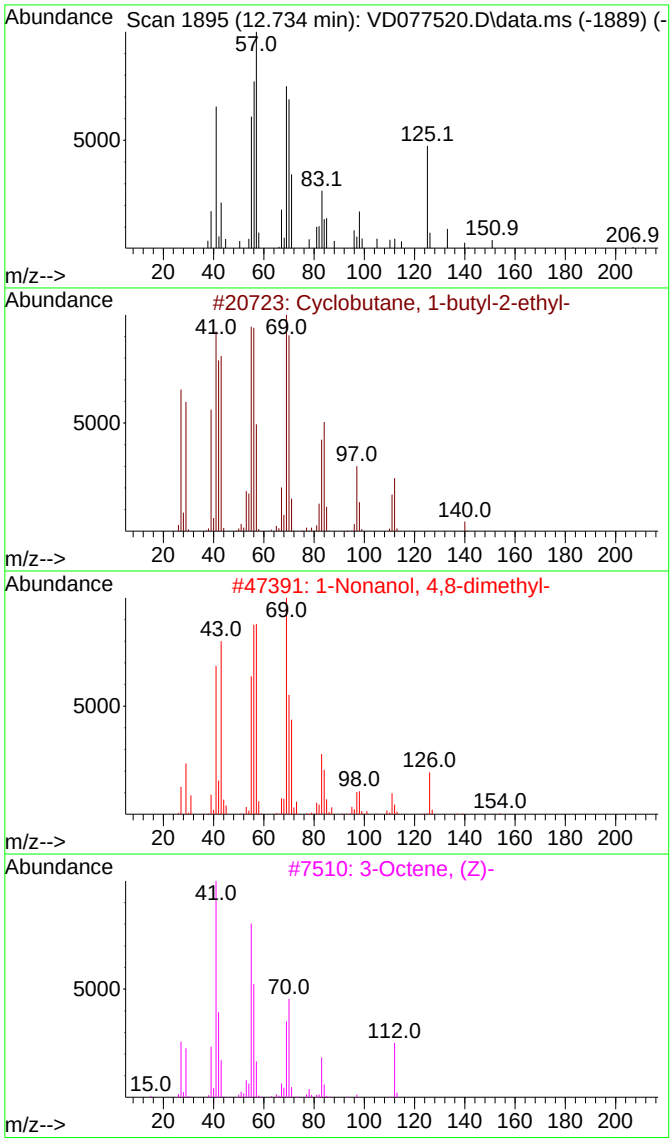
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260

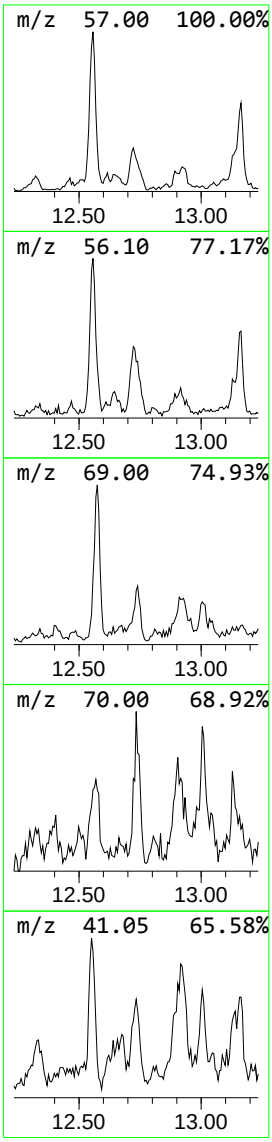
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclobutane, 1-butyl-2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.734	5.38 ug/l	128007	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1010150-67-3	64
2	1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	64
3	3-Octene, (Z)-	112	C8H16	014850-22-7	53
4	Cyclopropane, 1-butyl-2-(2-methy...	154	C11H22	041977-35-9	50
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

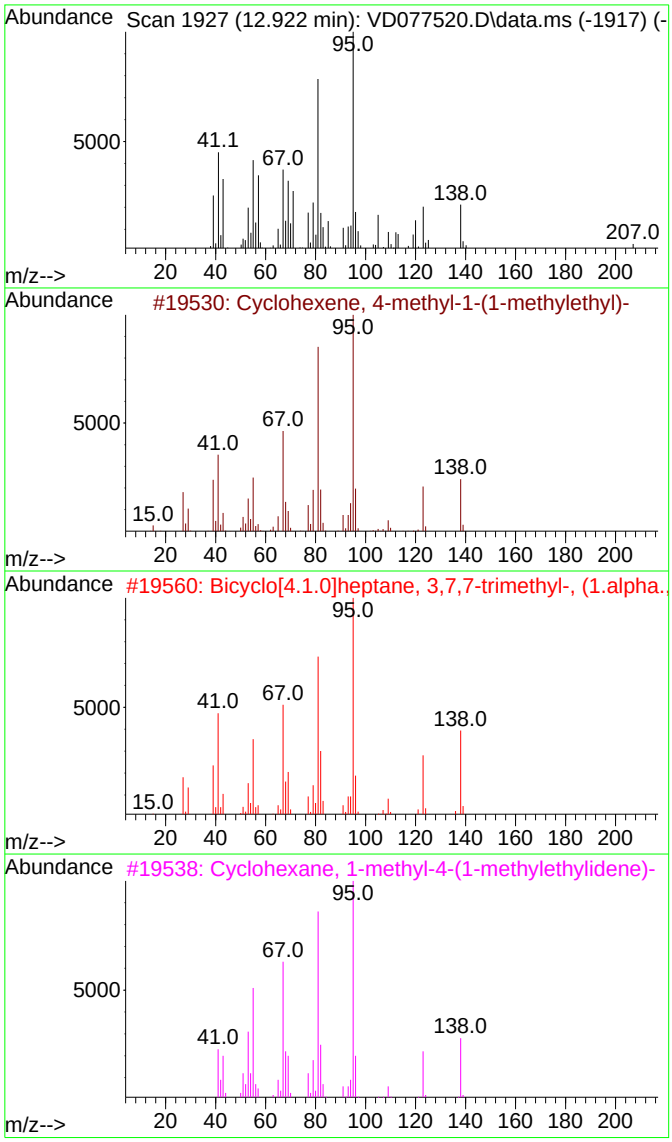
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260

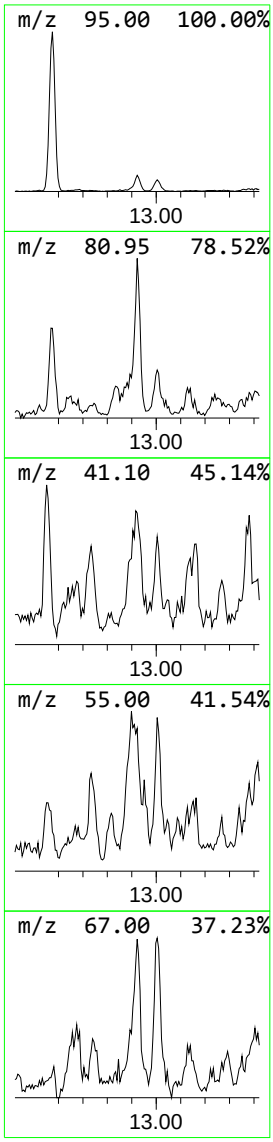
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	10.35 ug/l	246129	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	95
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	87
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	87
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	83
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

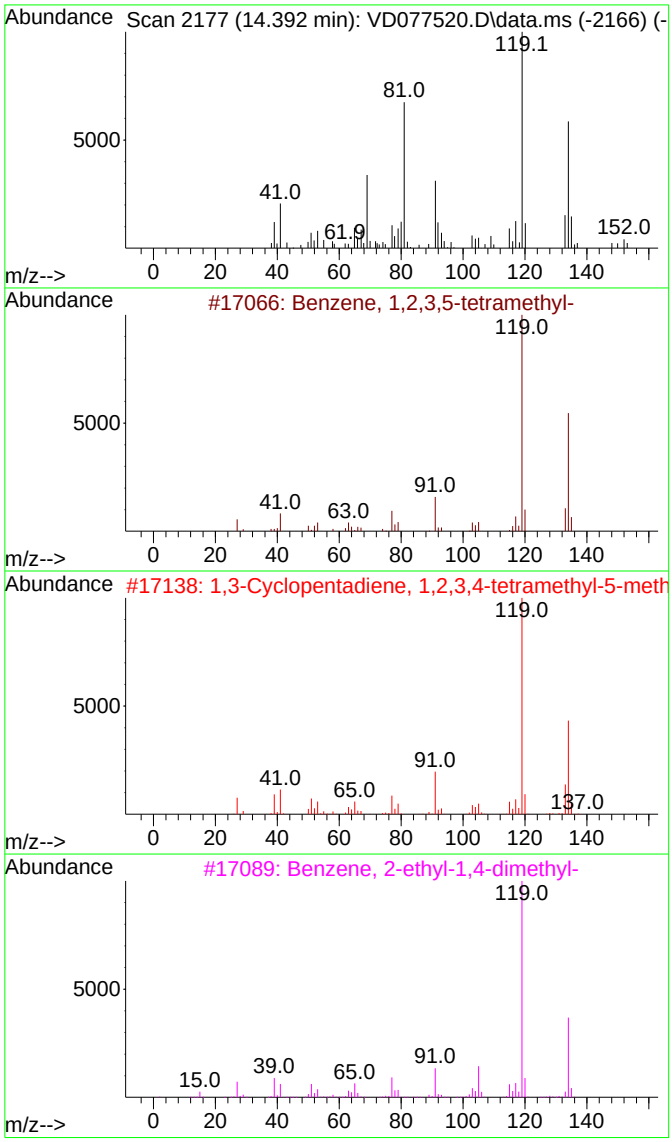
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260

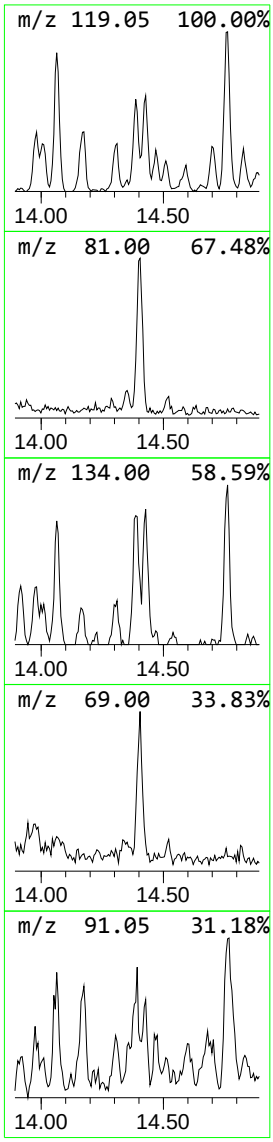
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	5.78 ug/l	137539	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

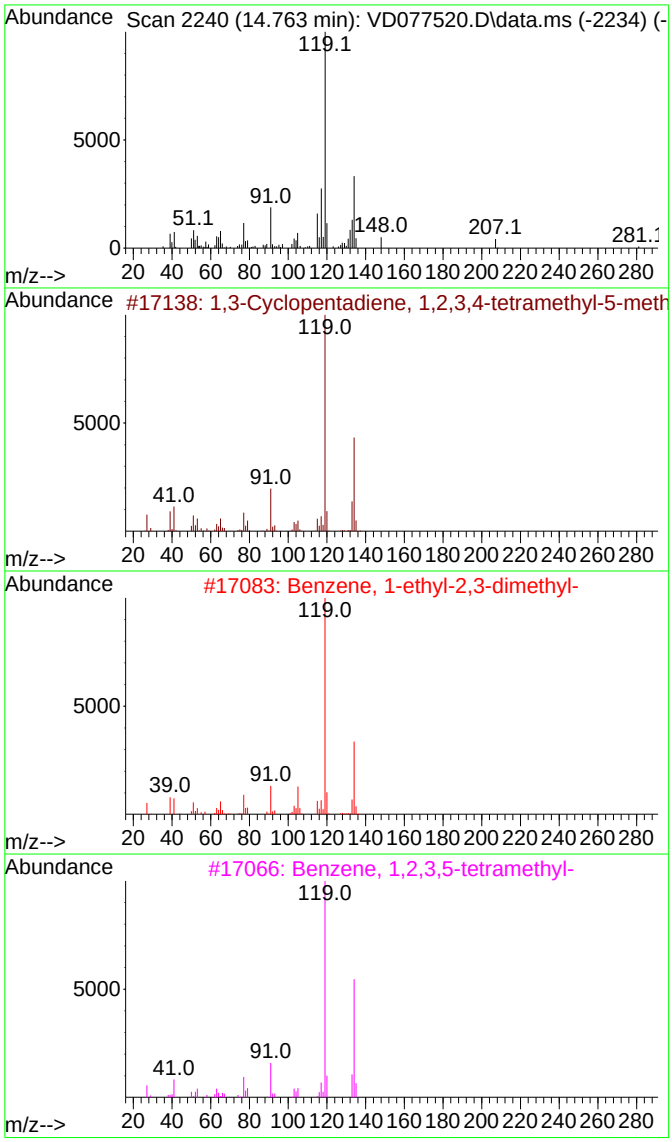
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260

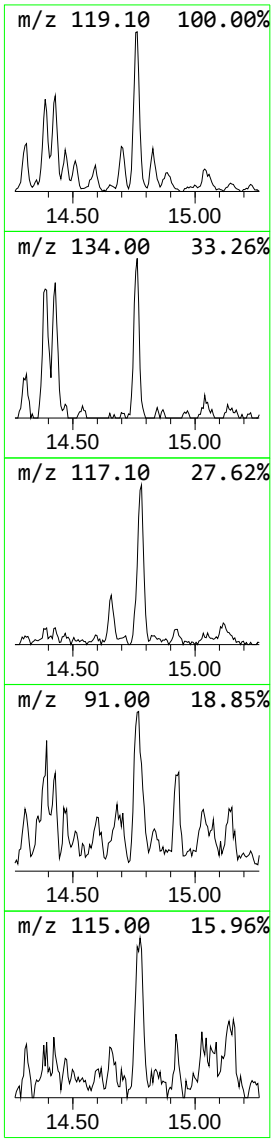
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	8.31 ug/l	197560	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077520.D
Acq On : 08 Nov 2023 15:05
Operator : JC/SY
Sample : 05279-07
Misc : 3.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-1-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.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
Cyclobutane, 1-...	12.734	5.4	ug/l	128007	4	13.522	1188820	50.0
Cyclohexene, 4-...	12.922	10.4	ug/l	246129	4	13.522	1188820	50.0
Benzene, 1,2,3,...	14.392	5.8	ug/l	137539	4	13.522	1188820	50.0
1,3-Cyclopentad...	14.763	8.3	ug/l	197560	4	13.522	1188820	50.0