LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

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_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

Signal : TIC: VU048286.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.356	3	5	25	rVB	691153	598563	36.73%	3.306%
2	1.485	38	45	53	rBV2	17347	24766	1.52%	0.137%
3	1.600	71	81	95	rBV2	242454	311323	19.11%	1.720%
4	1.729	117	121	125	rBV2	5094	4728	0.29%	0.026%
5	1.880	162	168	185	rVB	120984	181962	11.17%	1.005%
6	1.964	187	194	218	rVB	65116	103348	6.34%	0.571%
7	2.186	255	263	286	rVB2	58826	96201	5.90%	0.531%
8	2.305	292	300	314	rBV2	18431	28800	1.77%	0.159%
9	2.456	341	347	352	rBV3	9172	12654	0.78%	0.070%
10	2.559	368	379	396	rBV	329368	550344	33.78%	3.040%
11	2.961	492	504	505	rBV4	2690	3601	0.22%	0.020%
12	3.031	513	526	533	rBV5	19976	54077	3.32%	0.299%
13	3.131	548	557	578	rVB2	44339	92423	5.67%	0.511%
14	3.353	608	626	644	rVV2	41088	89472	5.49%	0.494%
15	3.568	678	693	709	rBV7	5032	13323	0.82%	0.074%
16	3.694	721	732	743	rVB6	4661	10171	0.62%	0.056%
17	3.822	762	772	785	rBV6	2641	5820	0.36%	0.032%
18	3.909	789	799	807	rBV5	2149	4620	0.28%	0.026%
19	3.977	809	820	835	rVB5	11022	27855	1.71%	0.154%
20	4.086	839	854	868	rBV4	7182	18529	1.14%	0.102%
21	4.166	868	879	893	rVB4	6900	16143	0.99%	0.089%
22	4.250	896	905	912	rBV5	3957	6914	0.42%	0.038%
23	4.327	920	929	942	rVB6	6626	14722	0.90%	0.081%
24	4.427	947	960	976	rBV4	5675	14009	0.86%	0.077%
25	4.530	976	992	1007	rBV2	62607	152794	9.38%	0.844%
26	4.620	1007	1020	1045	rBV	216315	551218	33.83%	3.045%
27	5.063	1141	1158	1186	rBV	292495	645840	39.64%	3.567%
28	5.385	1244	1258	1271	rBV2	71477	161752	9.93%	0.893%
29	5.459	1272	1281	1300	rVB3	31739	75885	4.66%	0.419%
30	5.636	1323	1336	1344	rBV3	11874	24522	1.50%	0.135%
31	5.722	1344	1363	1371	rVV2	610240	1629430	100.00%	9.001%
32	5.771	1372	1378	1395	rVB	817654	1563315	95.94%	8.635%
33	5.893	1408	1416	1430	rVB3	57254	122083	7.49%	0.674%
34	5.983	1431	1444	1460	rVB7	31276	75073	4.61%	0.415%
35	6.134	1479	1491	1500	rBV8	2747	6036	0.37%	0.033%
36	6.247	1511	1526	1562	rBV	423623	862749	52.95%	4.766%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EXES4

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_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

37	6.398	1568	1573	1584	rVB7	2809	4522	0.28%	0.025%
38	6.465	1586	1594	1604	rBV6	3318	6671	0.41%	0.037%
39	6.568	1605	1626	1642	rVB6	16498	47215	2.90%	0.261%
40	6.690	1650	1664	1700	rBV	383210	810283	49.73%	4.476%
41	6.861	1711	1717	1729	rVB7	1620	2839	0.17%	0.016%
42	6.996	1747	1759	1774	rBV2	20126	39769	2.44%	0.220%
43	7.070	1774	1782	1791	rVB6	3001	5112	0.31%	0.028%
44	7.182	1799	1817	1828	rBV7	23255	69983	4.29%	0.387%
45	7.385	1868	1880	1892	rBV5	10591	25388	1.56%	0.140%
46	7.449	1895	1900	1903	rBV5	1686	1862	0.11%	0.010%
47	7.491	1909	1913	1924	rVB2	7800	11661	0.72%	0.064%
48	7.565	1924	1936	1953	rBV	205625	385045	23.63%	2.127%
49	7.758	1988	1996	2013	rVB2	24517	44188	2.71%	0.244%
50	7.899	2021	2040	2054	rBV	755767	1314883	80.70%	7.263%
51	8.041	2077	2084	2095	rBV7	7103	12591	0.77%	0.070%
52	8.179	2113	2127	2140	rBV	145820	246736	15.14%	1.363%
53	8.243	2141	2147	2160	rVV6	11085	19518	1.20%	0.108%
54	8.311	2162	2168	2176	rVB9	4389	5819	0.36%	0.032%
55	8.369	2178	2186	2191	rVV7	4295	6578	0.40%	0.036%
56	8.414	2193	2200	2210	rVB3	10555	17496	1.07%	0.097%
57	8.491	2214	2224	2234	rVB4	6168	11556	0.71%	0.064%
58	8.574	2237	2250	2260	rBV	297724	506891	31.11%	2.800%
59	8.636	2260	2269	2310	rVB	727912	1381969	84.81%	7.634%
60	8.954	2362	2368	2374	rVB4	1466	1489	0.09%	0.008%
61	9.076	2401	2406	2416	rVV7	1979	2684	0.16%	0.015%
62	9.192	2439	2442	2453	rVB5	3945	5642	0.35%	0.031%
63	9.272	2458	2467	2476	rBV2	6557	11201	0.69%	0.062%
64	9.327	2476	2484	2499	rBV4	15218	26949	1.65%	0.149%
65	9.417	2500	2512	2533	rBV	644602	1111953	68.24%	6.142%
66	9.571	2552	2560	2567	rBV	9479	13517	0.83%	0.075%
67	9.693	2592	2598	2609	rVB4	8601	14467	0.89%	0.080%
68	9.880	2647	2656	2665	rBV6	8061	13610	0.84%	0.075%
69	9.947	2665	2677	2683	rBV6	8620	14323	0.88%	0.079%
70	10.012	2691	2697	2708	rVB7	7795	13609	0.84%	0.075%
71	10.195	2744	2754	2761	rBV6	1236	2085	0.13%	0.012%
72	10.279	2769	2780	2788	rBV7	3483	6338	0.39%	0.035%
73	10.369	2798	2808	2819	rBV4	12073	21311	1.31%	0.118%
74	10.484	2833	2844	2856	rVB	43905	70053	4.30%	0.387%
75	10.549	2856	2864	2874	rVB8	3781	7166	0.44%	0.040%
76	10.652	2886	2896	2910	rBV6	20672	38251	2.35%	0.211%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

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_U\Method\SFAMULM042522WMA.M
Title : VOC Analysis

77	10.758	2917	2929	2948	rVB	710465	1146103	70.34%	6.331%
78	10.902	2967	2974	2987	rBV2	6355	12972	0.80%	0.072%
79	11.015	3006	3009	3017	rBV6	1312	1603	0.10%	0.009%
80	11.066	3017	3025	3034	rBV3	18161	28529	1.75%	0.158%
81	11.243	3071	3080	3082	rBV6	1944	1781	0.11%	0.010%
82	11.336	3091	3109	3118	rBV9	5340	12837	0.79%	0.071%
83	11.388	3118	3125	3127	rBV7	3376	3804	0.23%	0.021%
84	11.523	3159	3167	3176	rVB9	3370	4867	0.30%	0.027%
85	11.610	3190	3194	3198	rBV3	1504	1670	0.10%	0.009%
86	11.648	3199	3206	3215	rVV3	9533	15088	0.93%	0.083%
87	11.748	3227	3237	3245	rBV2	15234	24691	1.52%	0.136%
88	11.812	3246	3257	3273	rVV	649994	1024359	62.87%	5.658%
89	11.947	3293	3299	3302	rBV7	2694	3237	0.20%	0.018%
90	12.008	3313	3318	3324	rBV3	4332	4769	0.29%	0.026%
91	12.195	3358	3376	3395	rVB	769939	1258804	77.25%	6.953%
92	12.301	3403	3409	3423	rVB9	8685	15631	0.96%	0.086%
93	12.372	3425	3431	3440	rBV4	4857	6862	0.42%	0.038%
94	12.455	3451	3457	3467	rVB6	2173	3722	0.23%	0.021%
95	12.684	3522	3528	3535	rVB4	4733	5306	0.33%	0.029%
96	12.867	3579	3585	3592	rVB3	3803	4841	0.30%	0.027%
97	13.253	3702	3705	3714	rVB6	1560	2063	0.13%	0.011%
98	14.192	3992	3997	4005	rVB5	2263	2515	0.15%	0.014%
99	14.285	4019	4026	4036	rVB4	4212	6360	0.39%	0.035%
100	14.883	4204	4212	4225	rVB10	1453	2813	0.17%	0.016%

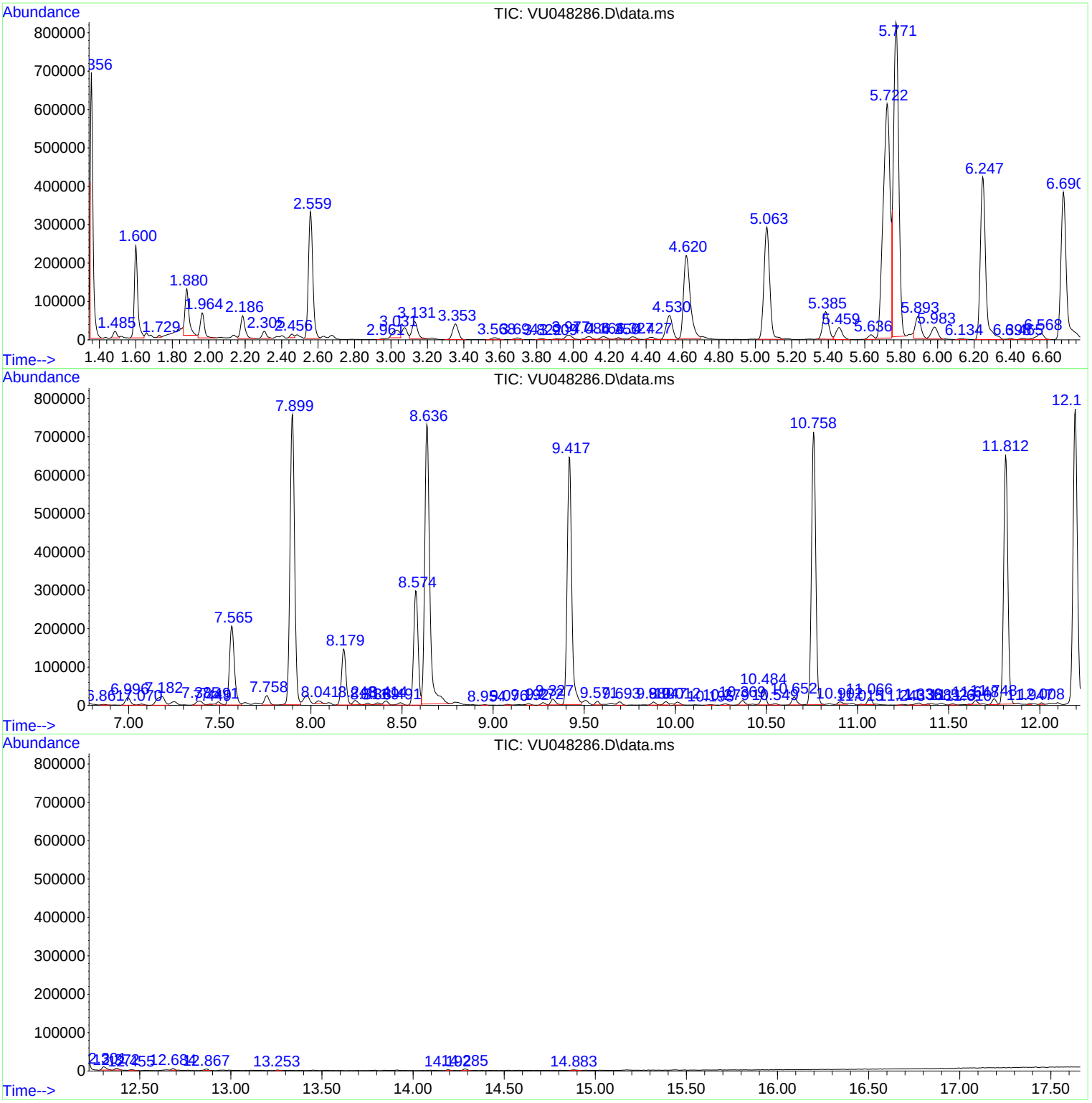
Sum of corrected areas: 18103515

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

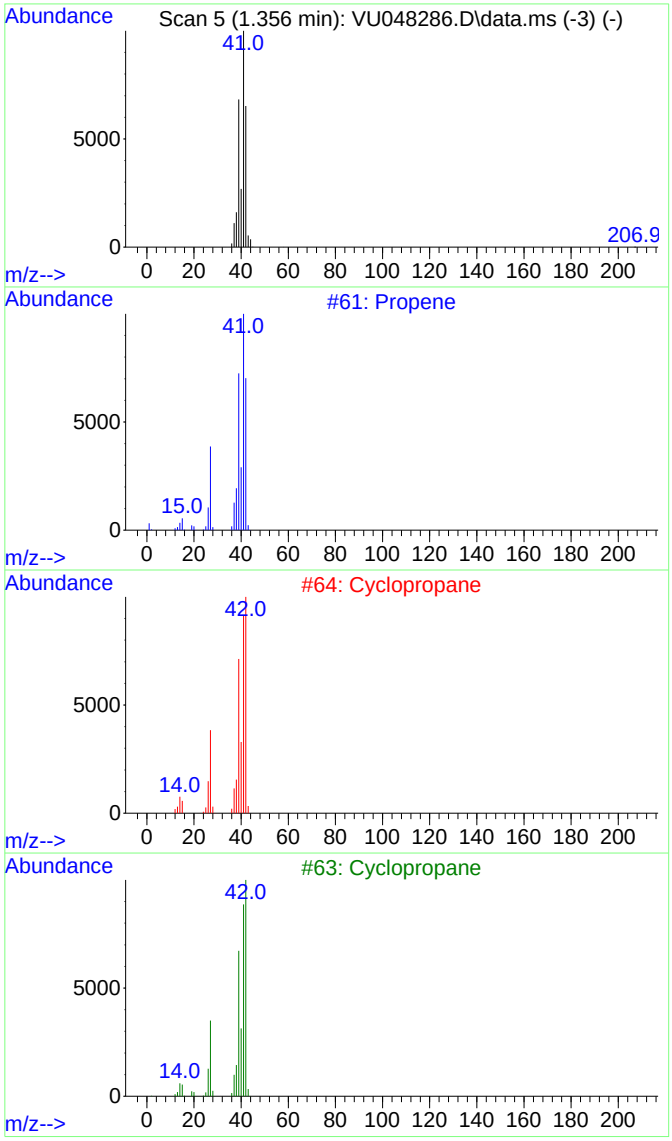
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

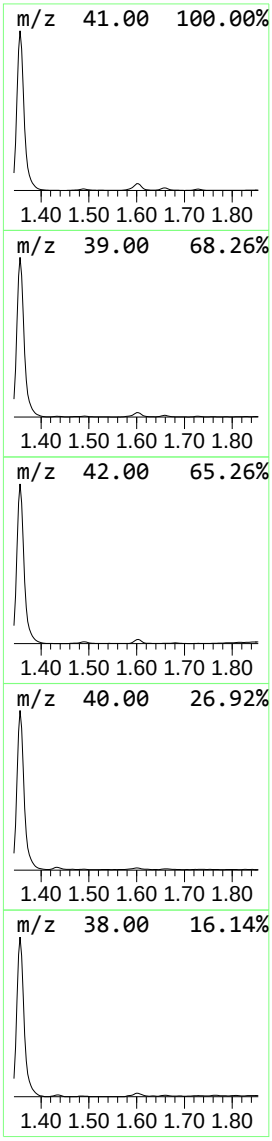
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.356	34.69 ug/L	598563	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Cyclopropane	42	C3H6	000075-19-4	78
3	Cyclopropane	42	C3H6	000075-19-4	72
4	Propene	42	C3H6	000115-07-1	38
5	Cyclopropane	42	C3H6	000075-19-4	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

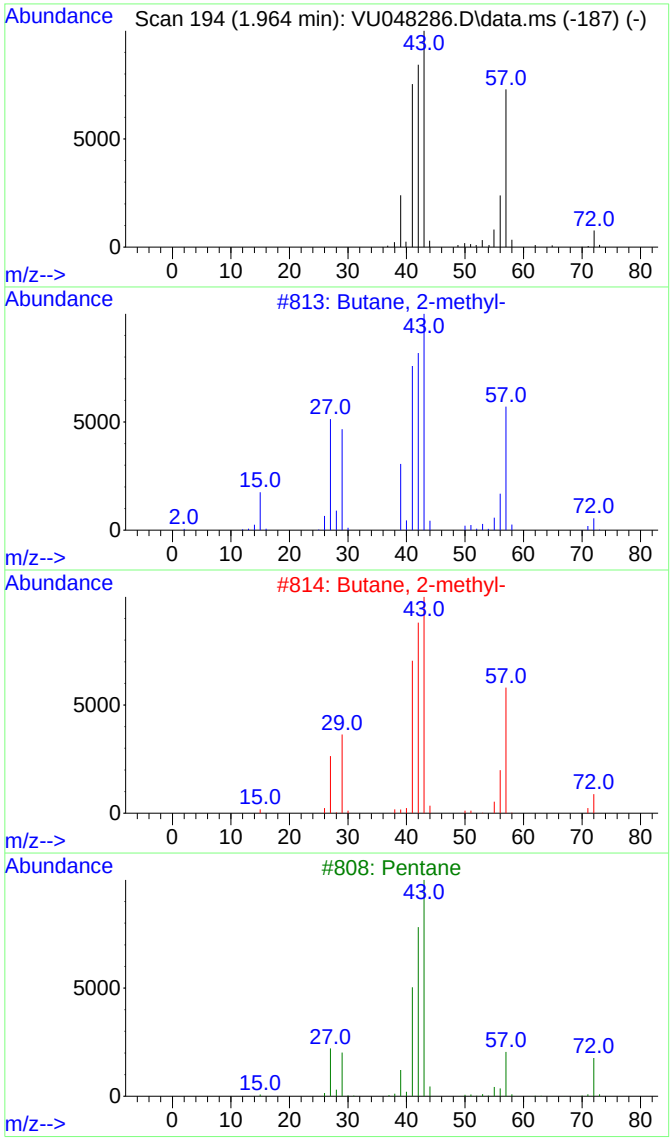
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

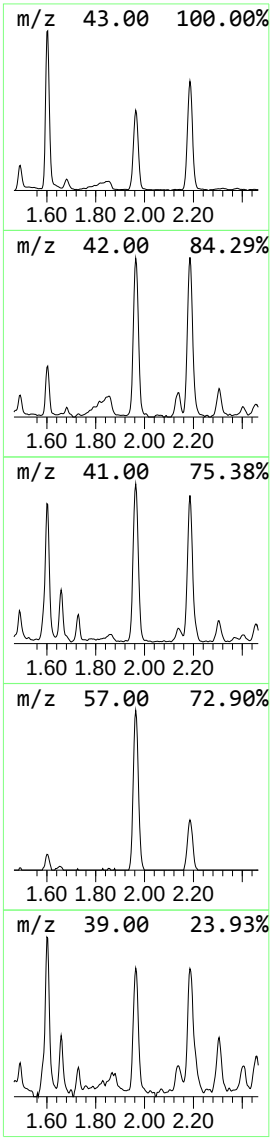
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.964	5.99 ug/L	103348	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Pentane	72	C5H12	000109-66-0	39
4	Pentane	72	C5H12	000109-66-0	39
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

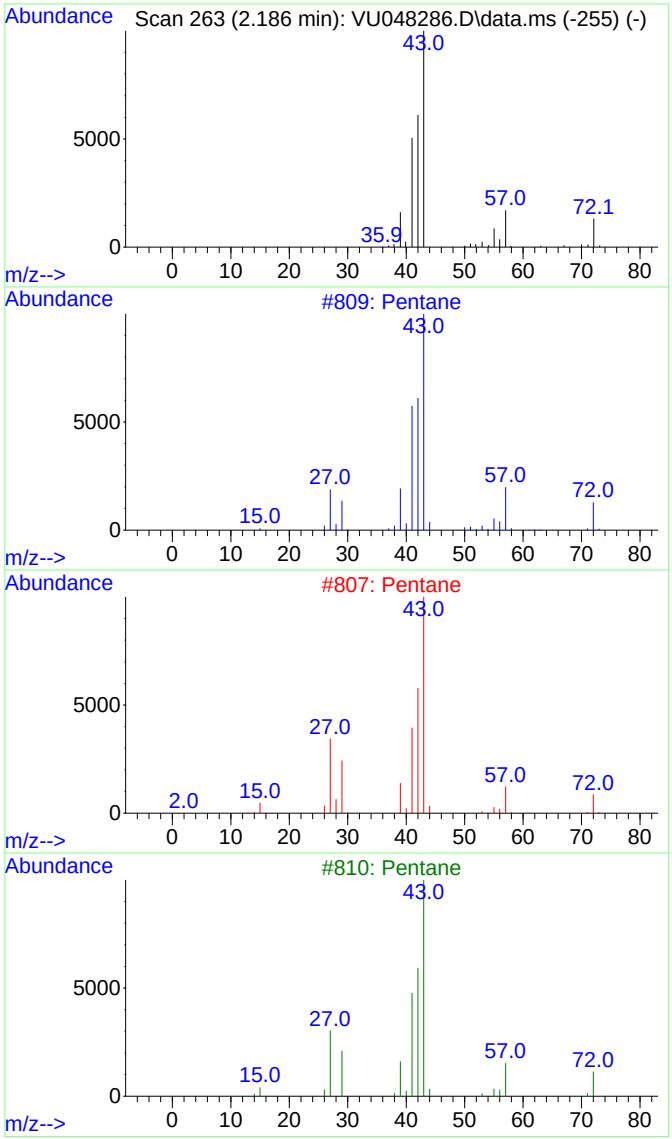
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

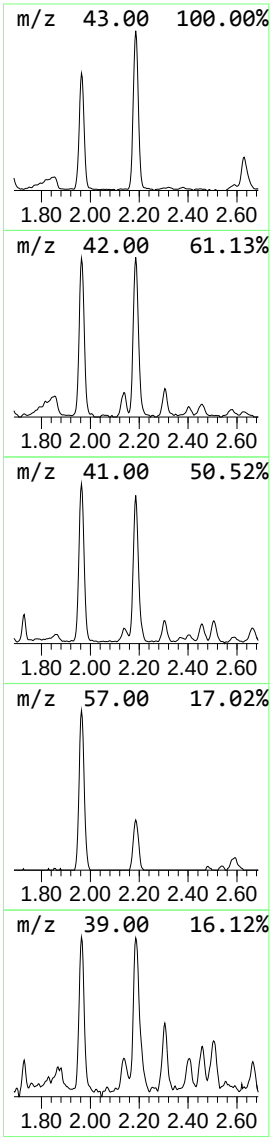
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.186	5.58 ug/L	96201	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

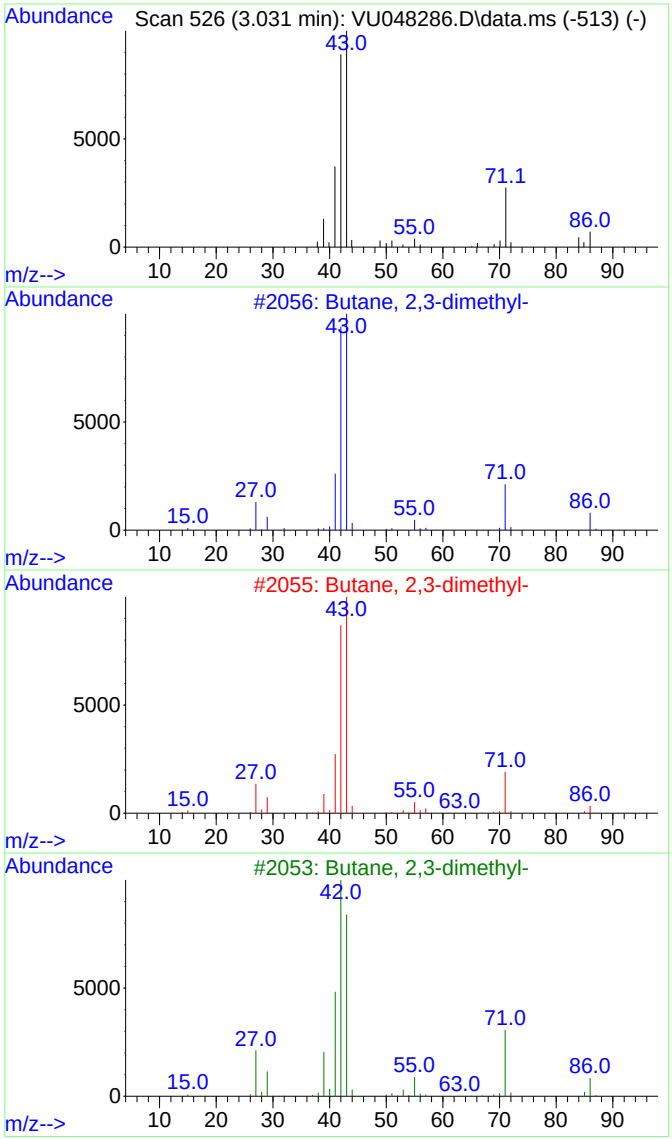
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

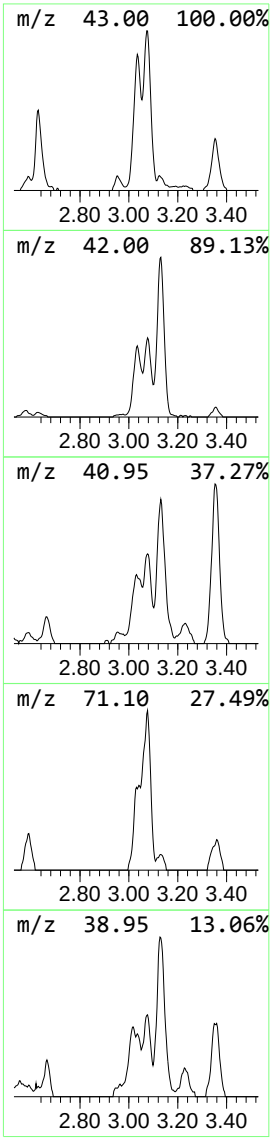
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	3.13 ug/L	54077	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

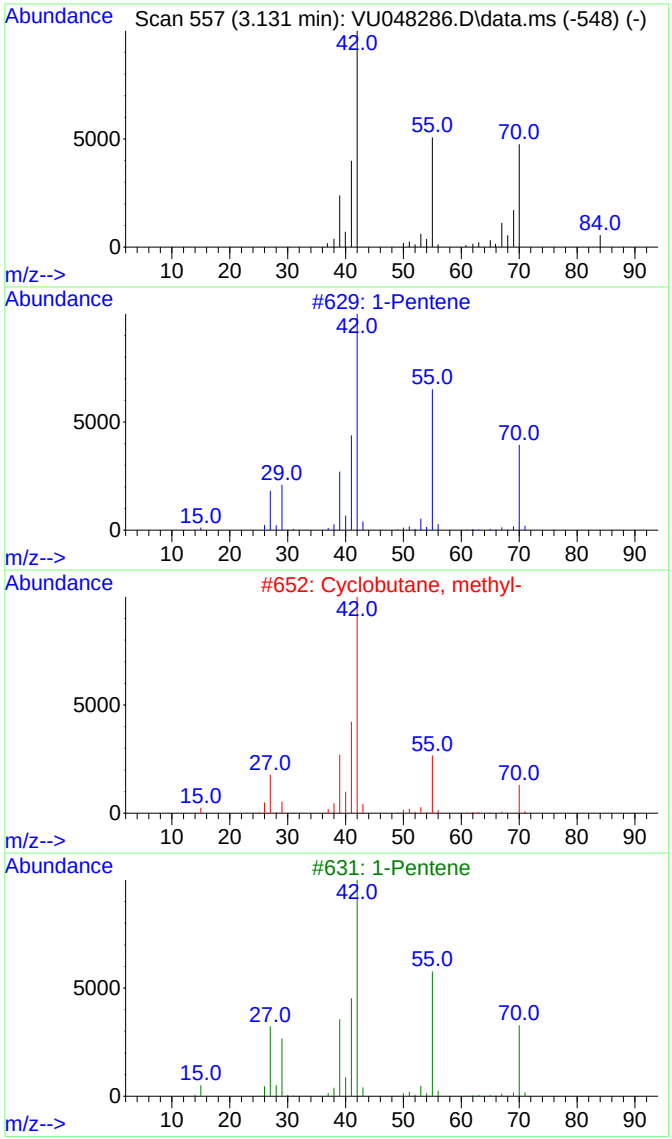
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

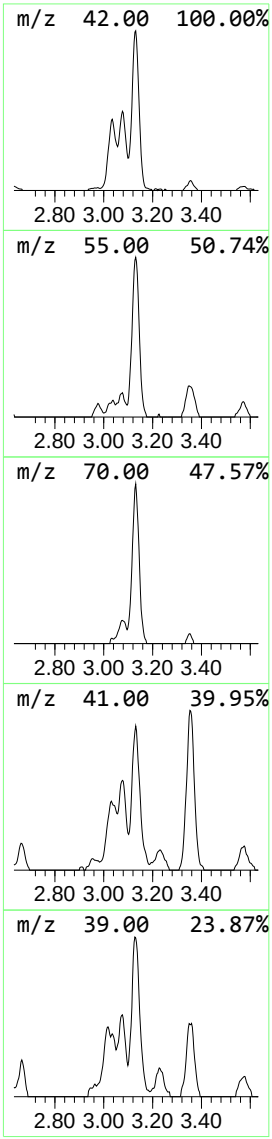
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.131	5.36 ug/L	92423	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	64
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
3	1-Pentene	70	C5H10	000109-67-1	45
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	40
5	2-Pentene	70	C5H10	000109-68-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

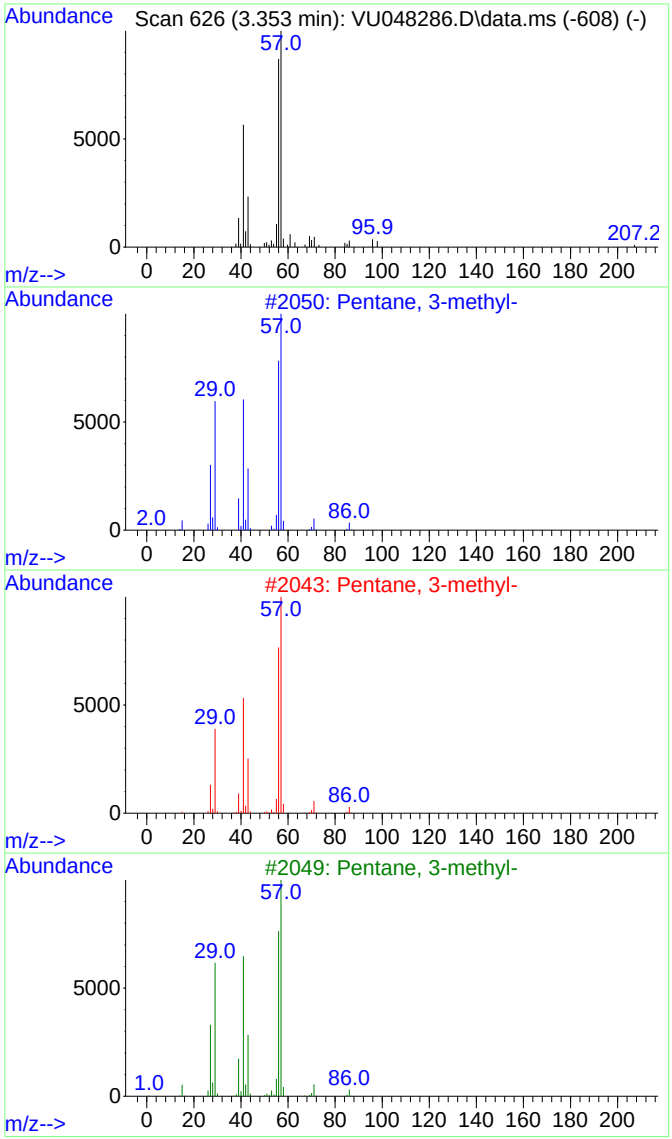
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

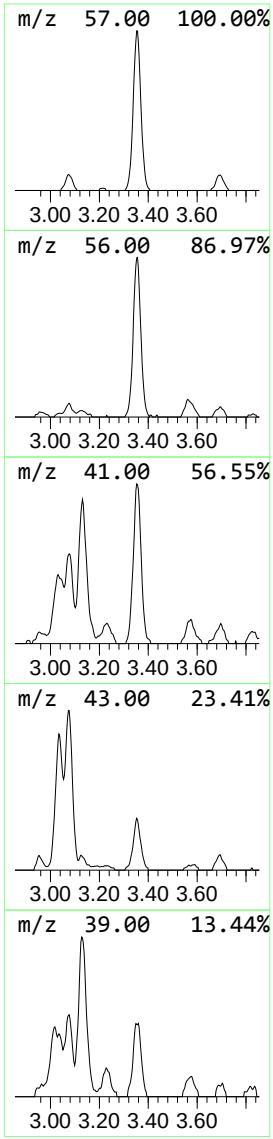
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.353	5.19 ug/L	89472	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	53
5	2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

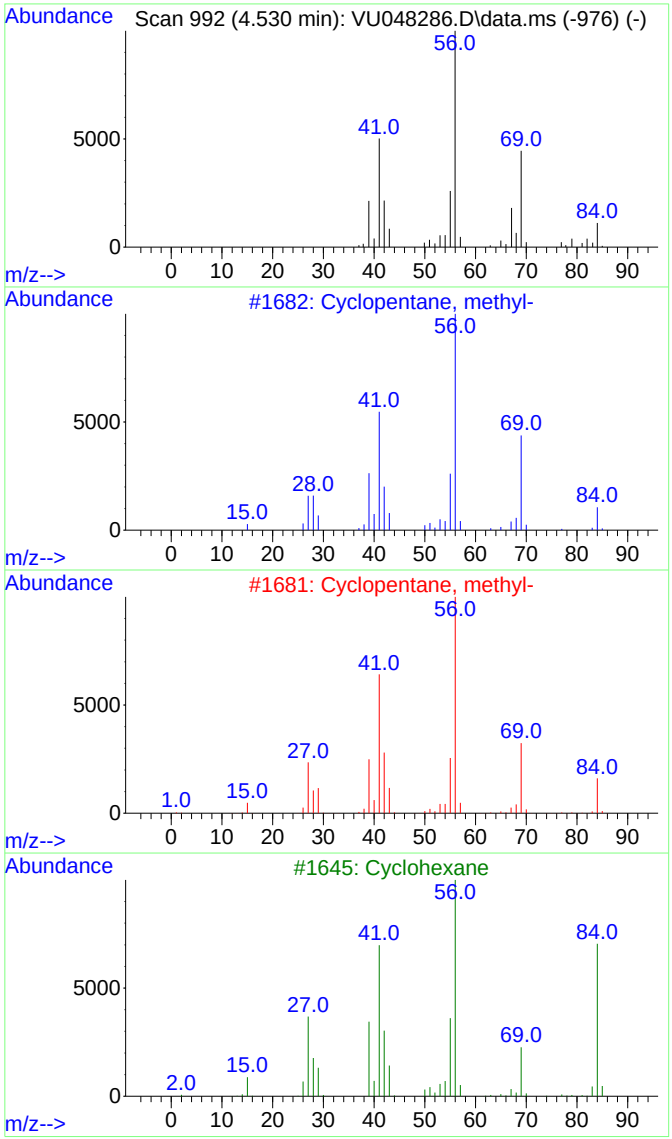
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

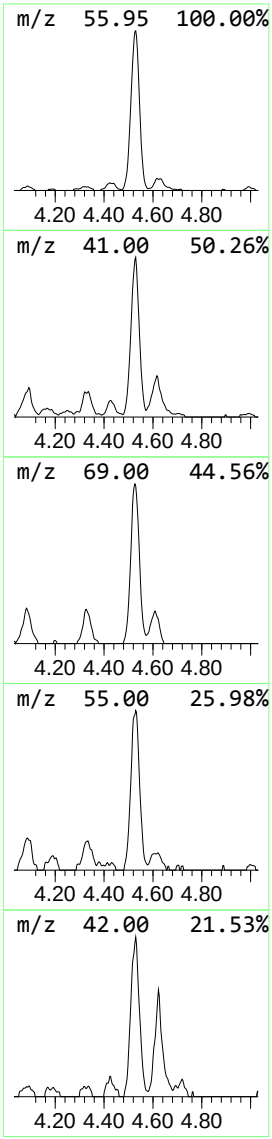
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic4.530 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	8.86 ug/L	152794	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

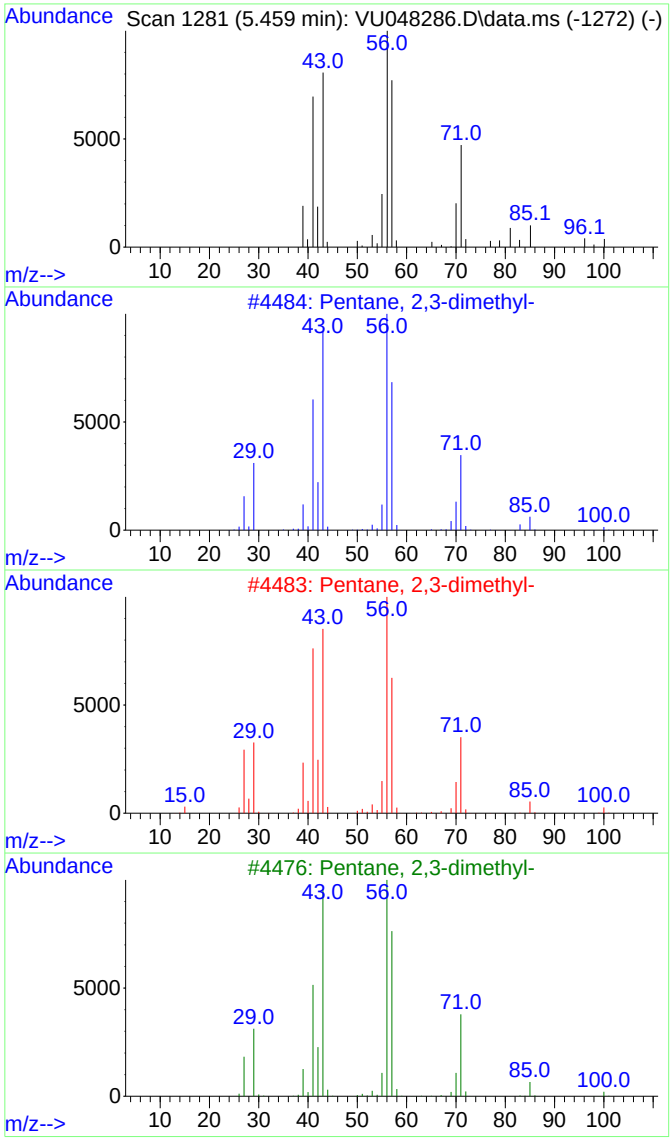
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

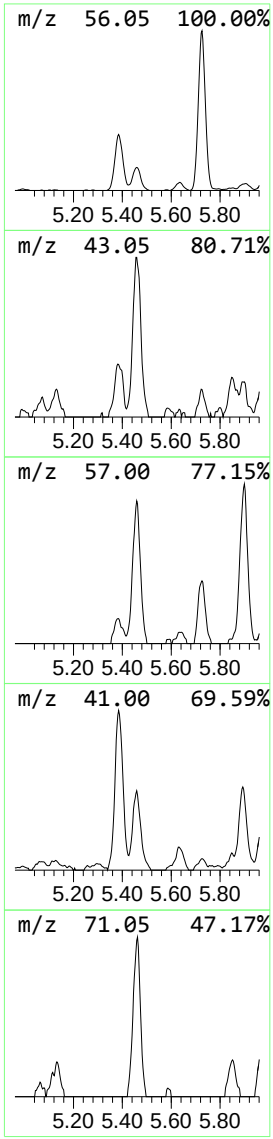
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	4.40 ug/L	75885	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

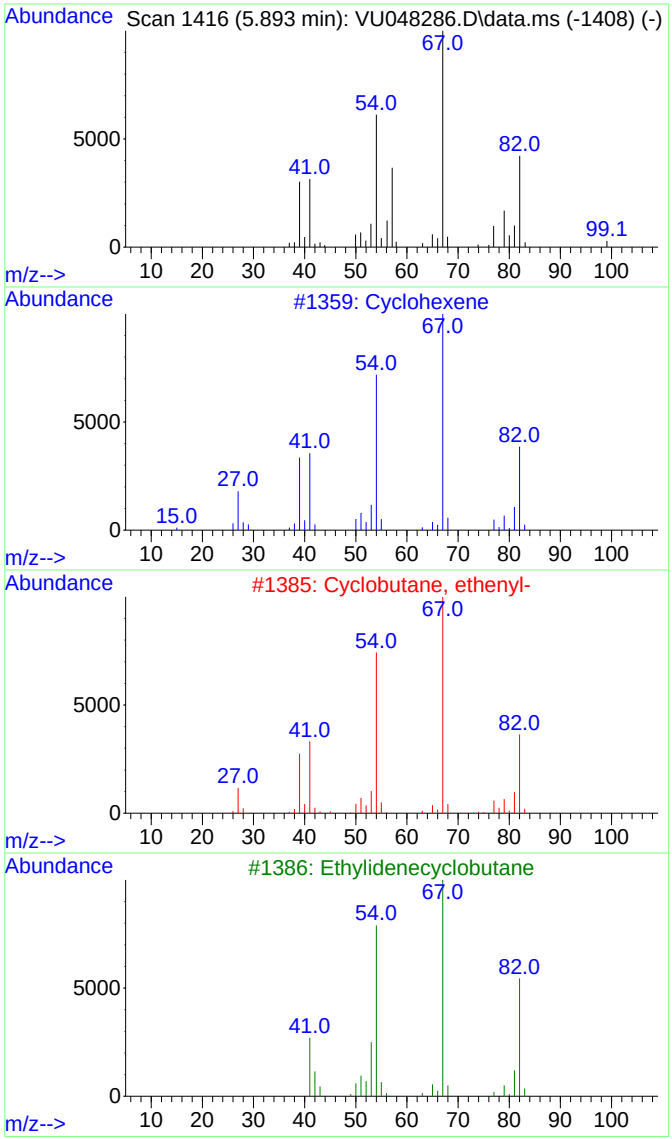
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

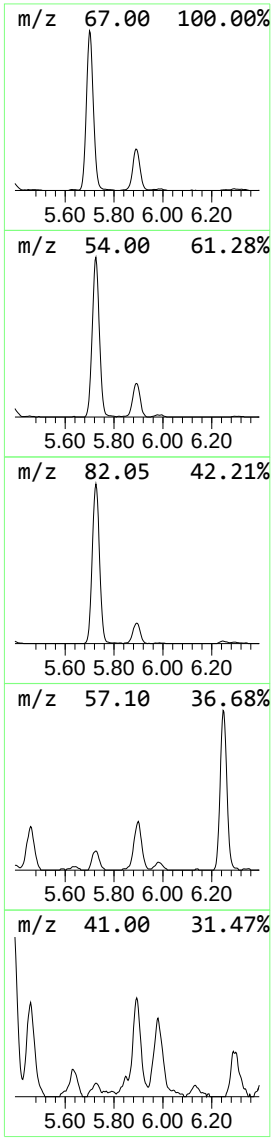
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclobutane, ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.893	7.08 ug/L	122083	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	93
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	81
3	Ethylidenecyclobutane	82	C6H10	001528-21-8	74
4	Cyclohexene	82	C6H10	000110-83-8	74
5	5-Hexen-1-ol	100	C6H12O	000821-41-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

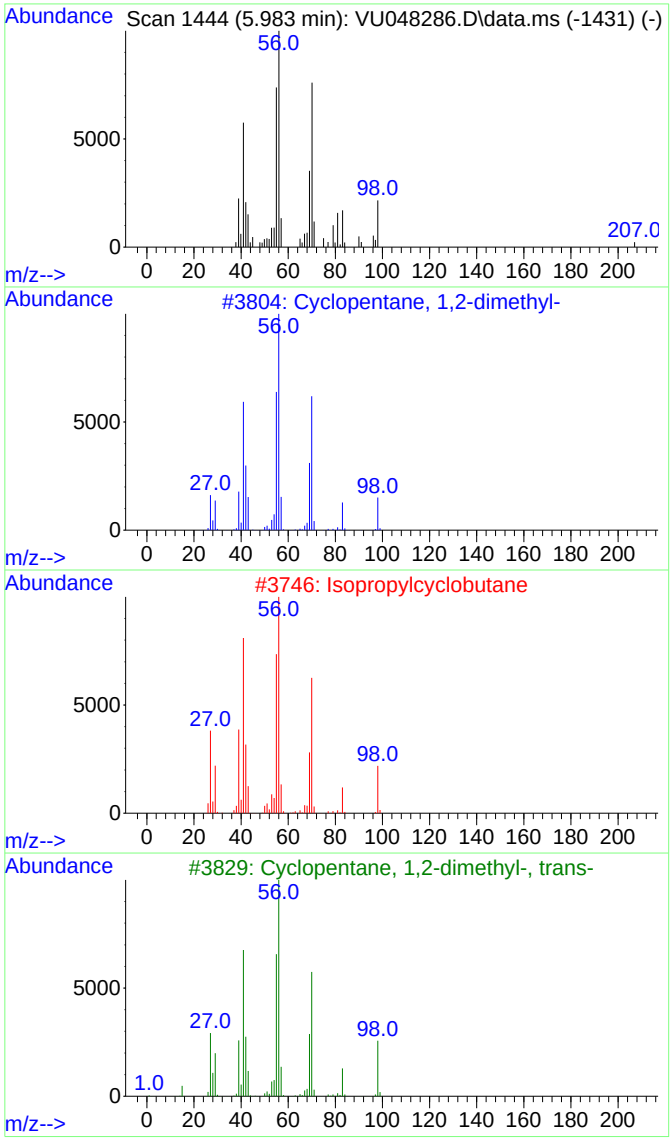
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

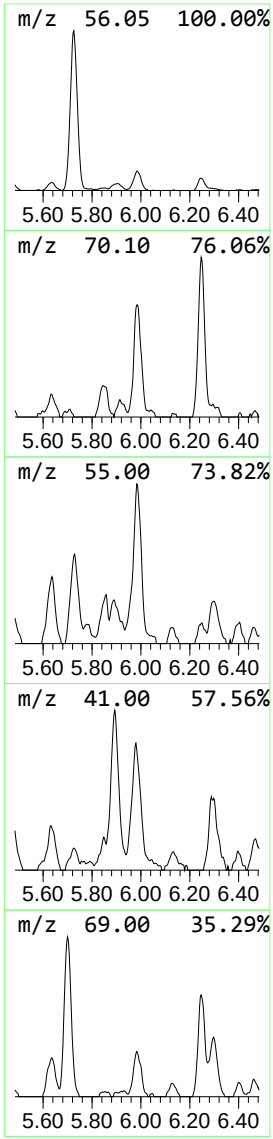
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic5.983 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.983	4.35 ug/L	75073	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
2	Isopropylcyclobutane	98	C7H14	000872-56-0	90
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

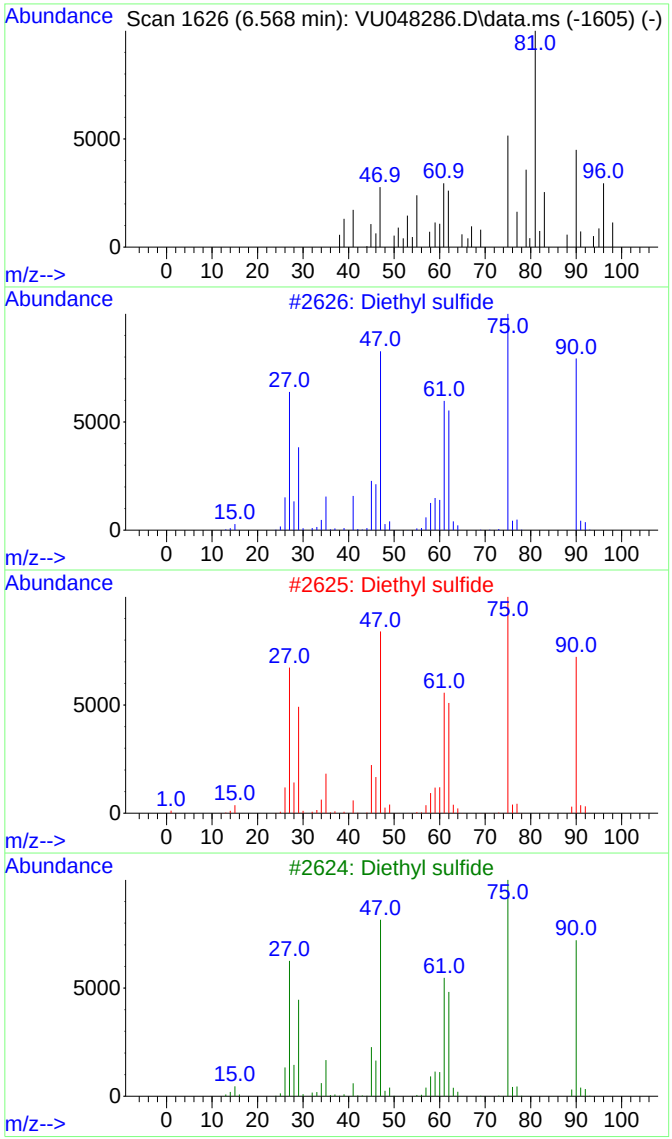
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

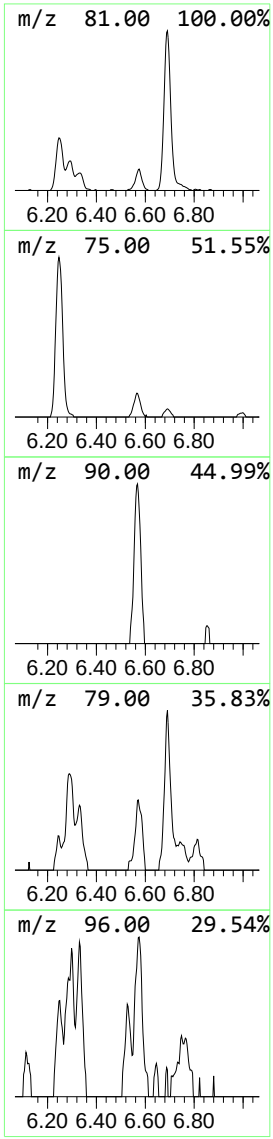
****

Peak Number 11 Diethyl sulfide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.568	2.74 ug/L	47215	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	55
2	Diethyl sulfide	90	C4H10S	000352-93-2	55
3	Diethyl sulfide	90	C4H10S	000352-93-2	46
4	Diethyl sulfide	90	C4H10S	000352-93-2	38
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

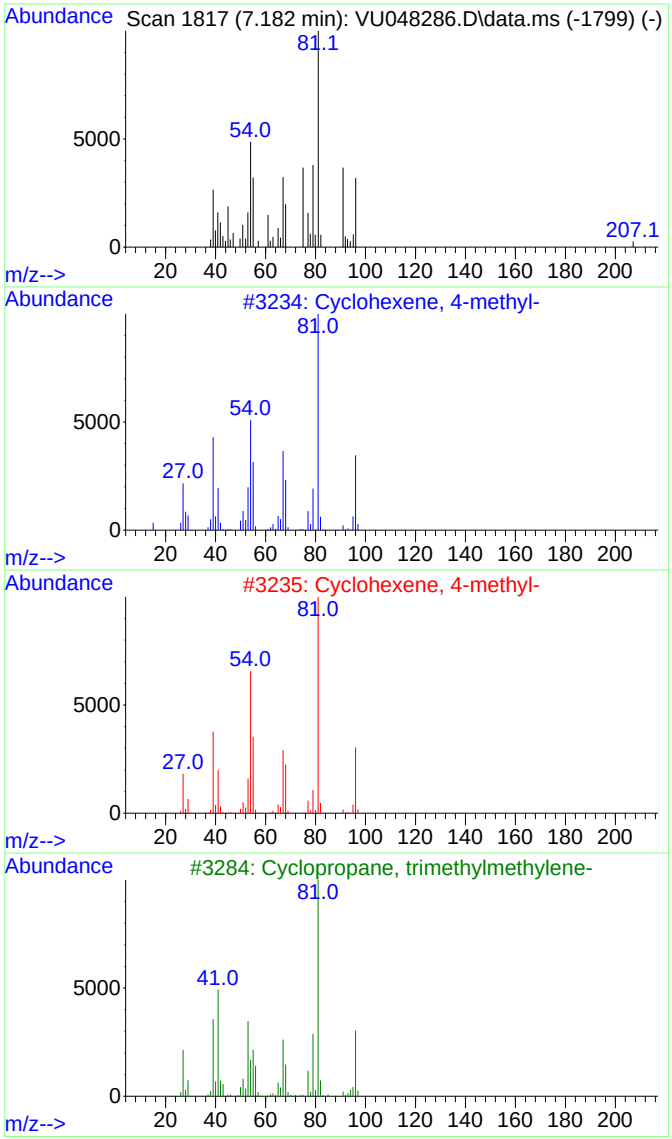
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

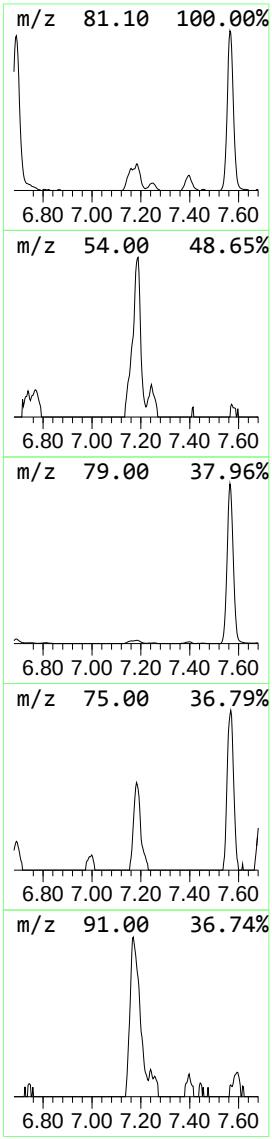
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.182	4.06 ug/L	69983	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	76
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	62
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	53
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

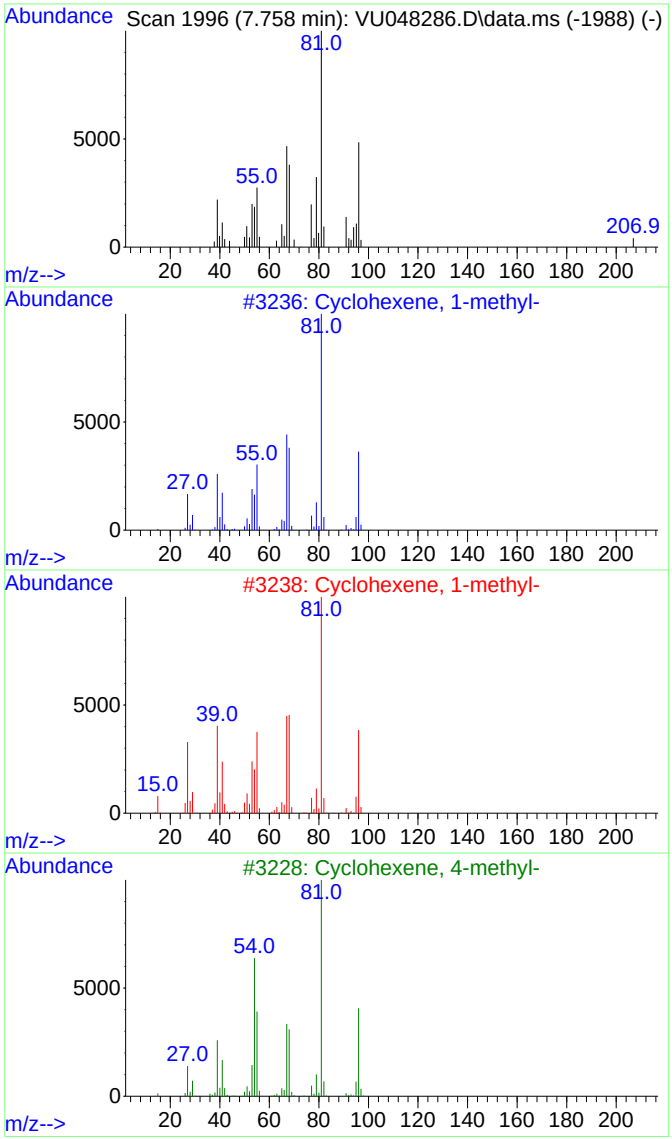
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

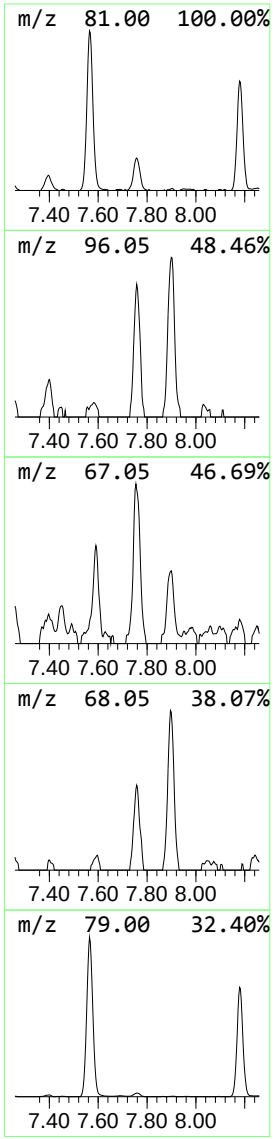
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	2.56 ug/L	44188	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	83
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

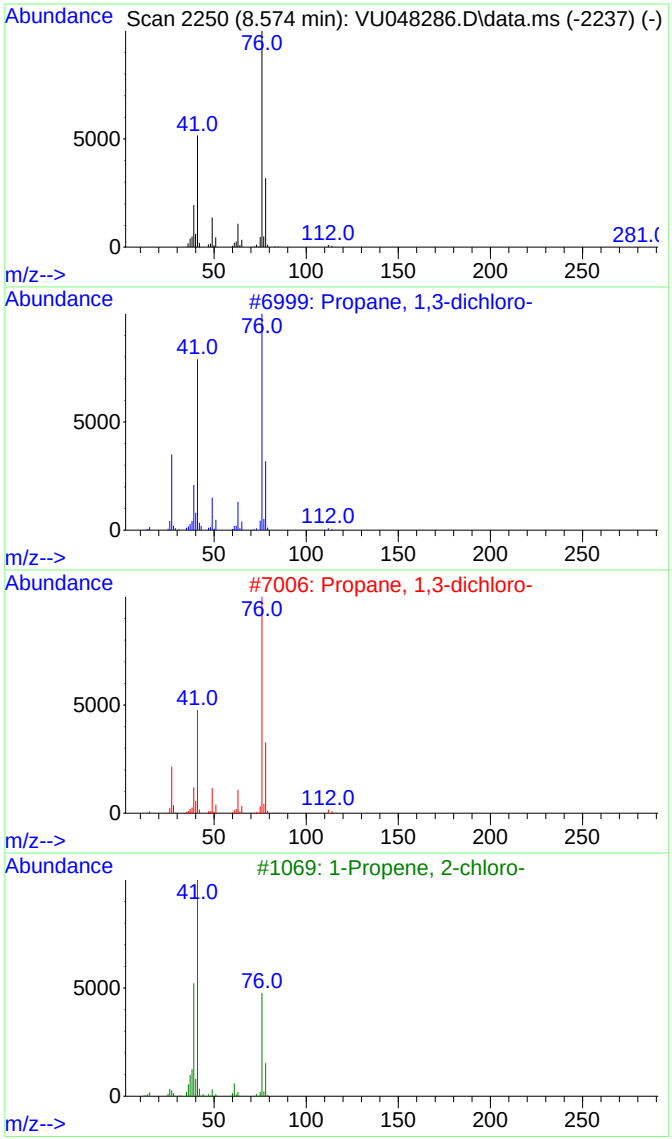
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

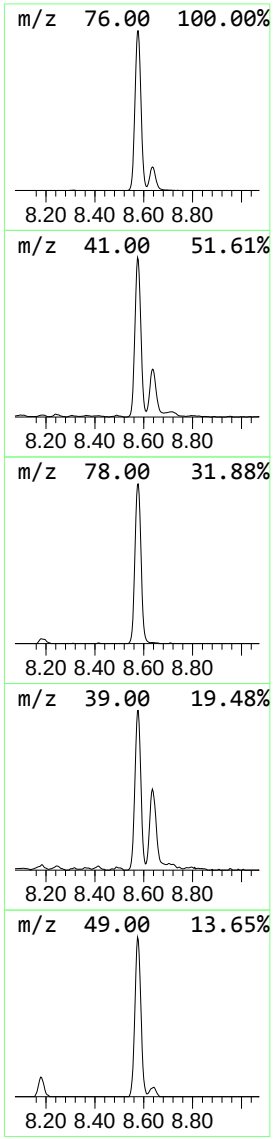
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Propane, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.574	22.79 ug/L	506891	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	91
2	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	83
3	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	83
4	3-Chloropropyl formate	122	C4H7ClO2	001487-44-1	64
5	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048286.D
Acq On : 25 Apr 2022 22:26
Operator : SY/MD
Sample : N2518-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

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: S...	1.356	34.7	ug/L	598563	1	6.247	862749	50.0
(DEL) Alkane: S...	1.964	6.0	ug/L	103348	1	6.247	862749	50.0
(DEL) Alkane: S...	2.186	5.6	ug/L	96201	1	6.247	862749	50.0
(DEL) Alkane: S...	3.031	3.1	ug/L	54077	1	6.247	862749	50.0
(DEL) Alkane: S...	3.131	5.4	ug/L	92423	1	6.247	862749	50.0
(DEL) Alkane: S...	3.353	5.2	ug/L	89472	1	6.247	862749	50.0
(DEL) Alkane: C...	4.530	8.9	ug/L	152794	1	6.247	862749	50.0
(DEL) Alkane: S...	5.459	4.4	ug/L	75885	1	6.247	862749	50.0
Cyclobutane, et...	5.893	7.1	ug/L	122083	1	6.247	862749	50.0
(DEL) Alkane: C...	5.983	4.3	ug/L	75073	1	6.247	862749	50.0
Diethyl sulfide	6.568	2.7	ug/L	47215	1	6.247	862749	50.0
Cyclohexene, 4-...	7.182	4.1	ug/L	69983	1	6.247	862749	50.0
Cyclohexene, 1-...	7.758	2.6	ug/L	44188	1	6.247	862749	50.0
Propane, 1,3-di...	8.574	22.8	ug/L	506891	2	9.420	1111950	50.0