LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

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: VU048287.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	1023223	904082	38.20%	4.669%
2	1.485	37	45	52	rBV2	20723	31297	1.32%	0.162%
3	1.600	71	81	94	rBV2	253478	318609	13.46%	1.645%
4	1.658	95	99	107	rVB	14060	14087	0.60%	0.073%
5	1.729	117	121	125	rBV	6274	5628	0.24%	0.029%
6	1.887	162	170	187	rVV	131320	208622	8.81%	1.077%
7	1.973	189	197	210	rVB2	57278	86211	3.64%	0.445%
8	2.144	243	250	257	rBV3	10870	15632	0.66%	0.081%
9	2.192	257	265	287	rVB2	57194	95295	4.03%	0.492%
10	2.308	294	301	312	rVB	22698	33019	1.40%	0.171%
11	2.404	327	331	339	rVB3	9702	13297	0.56%	0.069%
12	2.459	341	348	360	rBV3	12493	29313	1.24%	0.151%
13	2.562	369	380	396	rVB	322778	537004	22.69%	2.773%
14	2.681	408	417	430	rVB3	12522	24292	1.03%	0.125%
15	2.784	442	449	453	rBV4	1130	1731	0.07%	0.009%
16	2.970	495	507	509	rBV6	2873	4984	0.21%	0.026%
17	3.025	511	524	533	rBV5	17782	53426	2.26%	0.276%
18	3.131	549	557	572	rVB2	40729	79324	3.35%	0.410%
19	3.356	612	627	645	rBV2	29742	65632	2.77%	0.339%
20	3.571	682	694	713	rBV4	4756	10506	0.44%	0.054%
21	3.697	718	733	745	rBV6	4728	9919	0.42%	0.051%
22	3.825	762	773	786	rBV5	2288	5450	0.23%	0.028%
23	3.912	790	800	806	rVV5	2537	4780	0.20%	0.025%
24	3.973	810	819	838	rVV4	10967	27657	1.17%	0.143%
25	4.086	838	854	866	rVV6	6472	16455	0.70%	0.085%
26	4.169	869	880	896	rVV4	7838	19408	0.82%	0.100%
27	4.247	896	904	917	rVV2	4451	8647	0.37%	0.045%
28	4.330	917	930	948	rVB4	6530	15390	0.65%	0.079%
29	4.427	948	960	974	rVB6	3645	8998	0.38%	0.046%
30	4.530	974	992	1007	rBV2	73698	181778	7.68%	0.939%
31	4.620	1007	1020	1064	rVB	233001	586801	24.79%	3.030%
32	5.063	1142	1158	1175	rBV	295255	650592	27.49%	3.360%
33	5.295	1223	1230	1235	rBV6	1289	2254	0.10%	0.012%
34	5.385	1242	1258	1272	rBV3	90586	209416	8.85%	1.081%
35	5.459	1275	1281	1301	rVB6	20417	44723	1.89%	0.231%
36	5.636	1322	1336	1344	rBV4	8502	18110	0.77%	0.094%

LSC Area Percent Report

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Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

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	5.722	1344	1363	1370	rBV2	623295	1625667	68.68%	8.395%
38	5.771	1372	1378	1396	rVB	1248307	2366850	100.00%	12.222%
39	5.893	1408	1416	1431	rVB2	59722	124437	5.26%	0.643%
40	5.983	1432	1444	1462	rVB6	22516	55833	2.36%	0.288%
41	6.128	1483	1489	1498	rVB5	2164	3679	0.16%	0.019%
42	6.247	1511	1526	1562	rBV	428605	863720	36.49%	4.460%
43	6.404	1567	1575	1582	rVB8	2192	3570	0.15%	0.018%
44	6.472	1582	1596	1603	rBV7	3213	6376	0.27%	0.033%
45	6.568	1604	1626	1642	rVB7	16085	48705	2.06%	0.252%
46	6.690	1649	1664	1684	rBV	381284	787381	33.27%	4.066%
47	6.996	1746	1759	1773	rBV	26340	51627	2.18%	0.267%
48	7.182	1796	1817	1830	rBV7	20524	62214	2.63%	0.321%
49	7.250	1831	1838	1850	rVB9	6750	13037	0.55%	0.067%
50	7.394	1871	1883	1893	rBV6	9243	19790	0.84%	0.102%
51	7.449	1895	1900	1902	rBV4	1775	1672	0.07%	0.009%
52	7.491	1906	1913	1924	rVB2	9099	15384	0.65%	0.079%
53	7.565	1924	1936	1952	rBV	208880	385018	16.27%	1.988%
54	7.758	1987	1996	2010	rVB2	24610	44720	1.89%	0.231%
55	7.899	2016	2040	2054	rBV	784640	1347569	56.94%	6.959%
56	7.976	2056	2064	2076	rVB5	28784	56091	2.37%	0.290%
57	8.179	2113	2127	2140	rBV	146566	245932	10.39%	1.270%
58	8.243	2140	2147	2160	rVV10	7356	14369	0.61%	0.074%
59	8.311	2160	2168	2178	rVB8	3773	6475	0.27%	0.033%
60	8.372	2179	2187	2191	rBV7	2807	4038	0.17%	0.021%
61	8.410	2192	2199	2212	rVB3	8204	13638	0.58%	0.070%
62	8.488	2212	2223	2236	rVB4	5998	11672	0.49%	0.060%
63	8.574	2236	2250	2259	rBV	296024	501373	21.18%	2.589%
64	8.636	2259	2269	2309	rVB	765160	1417118	59.87%	7.318%
65	9.079	2402	2407	2414	rBV5	1571	1796	0.08%	0.009%
66	9.272	2456	2467	2477	rBV3	8110	14191	0.60%	0.073%
67	9.327	2477	2484	2499	rVB6	9926	18616	0.79%	0.096%
68	9.417	2499	2512	2535	rBV	648683	1110640	46.92%	5.735%
69	9.571	2552	2560	2568	rBV	14058	20902	0.88%	0.108%
70	9.697	2591	2599	2609	rVB3	7997	13803	0.58%	0.071%
71	9.822	2633	2638	2646	rVB7	1737	2273	0.10%	0.012%
72	9.880	2646	2656	2665	rBV10	5895	10278	0.43%	0.053%
73	9.947	2665	2677	2686	rBV3	8458	16788	0.71%	0.087%
74	10.008	2693	2696	2708	rVB8	7360	10777	0.46%	0.056%
75	10.275	2770	2779	2788	rVB6	2880	4582	0.19%	0.024%
76	10.369	2793	2808	2818	rBV4	10834	21706	0.92%	0.112%

LSC Area Percent Report

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Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

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	10.484	2831	2844	2856	rVB	30739	48001	2.03%	0.248%
78	10.545	2856	2863	2875	rVB4	4215	7215	0.30%	0.037%
79	10.652	2884	2896	2912	rBV7	16281	32498	1.37%	0.168%
80	10.758	2915	2929	2947	rBV	689862	1109592	46.88%	5.730%
81	10.906	2966	2975	2989	rBV2	9625	17249	0.73%	0.089%
82	11.025	3006	3012	3017	rBV6	2084	3106	0.13%	0.016%
83	11.066	3017	3025	3033	rVV4	14384	21442	0.91%	0.111%
84	11.333	3091	3108	3109	rBV9	3707	6085	0.26%	0.031%
85	11.388	3118	3125	3128	rBV6	2662	3652	0.15%	0.019%
86	11.459	3140	3147	3159	rVB10	3418	6742	0.28%	0.035%
87	11.523	3161	3167	3176	rVB7	2497	3218	0.14%	0.017%
88	11.648	3199	3206	3216	rVV9	6948	11613	0.49%	0.060%
89	11.748	3228	3237	3246	rBV2	31413	54006	2.28%	0.279%
90	11.812	3246	3257	3273	rVB	654785	1033376	43.66%	5.336%
91	12.012	3313	3319	3325	rBV3	2393	2686	0.11%	0.014%
92	12.063	3326	3335	3336	rBV7	9387	11063	0.47%	0.057%
93	12.195	3357	3376	3396	rBV	787490	1271902	53.74%	6.568%
94	12.304	3404	3410	3424	rVB	6344	11709	0.49%	0.060%
95	12.378	3427	3433	3440	rVB6	3353	4313	0.18%	0.022%
96	12.455	3450	3457	3464	rVB6	1753	2733	0.12%	0.014%
97	12.684	3522	3528	3537	rVB5	6276	8622	0.36%	0.045%
98	12.864	3579	3584	3590	rVB6	2462	3060	0.13%	0.016%
99	13.529	3783	3791	3794	rBV4	984	1406	0.06%	0.007%
100	14.288	4020	4027	4035	rVB4	2576	3296	0.14%	0.017%

Sum of corrected areas: 19365261

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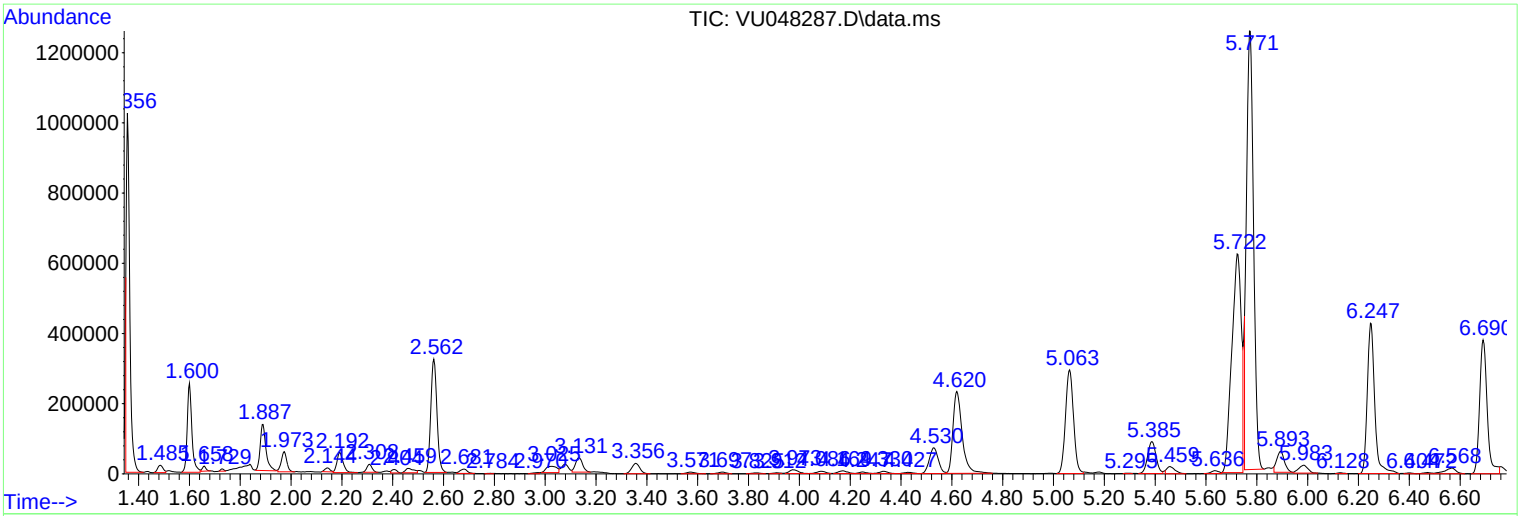
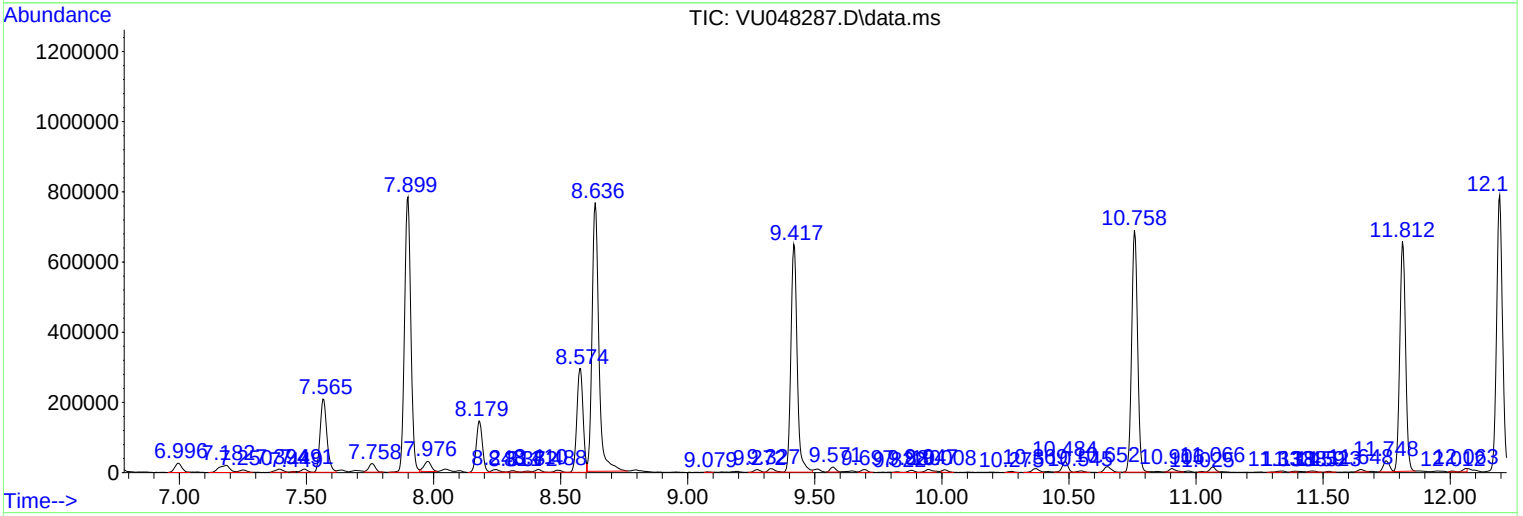
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

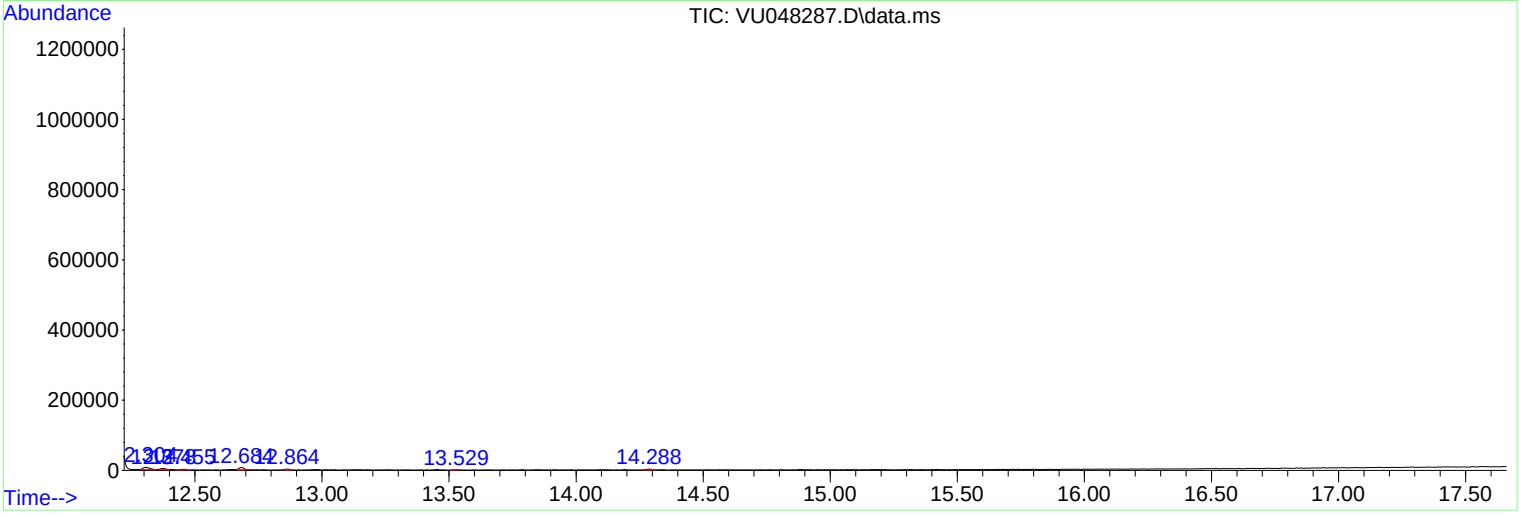
Instrument :
MSVOA_U
ClientSampleId :
EXES5

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 : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

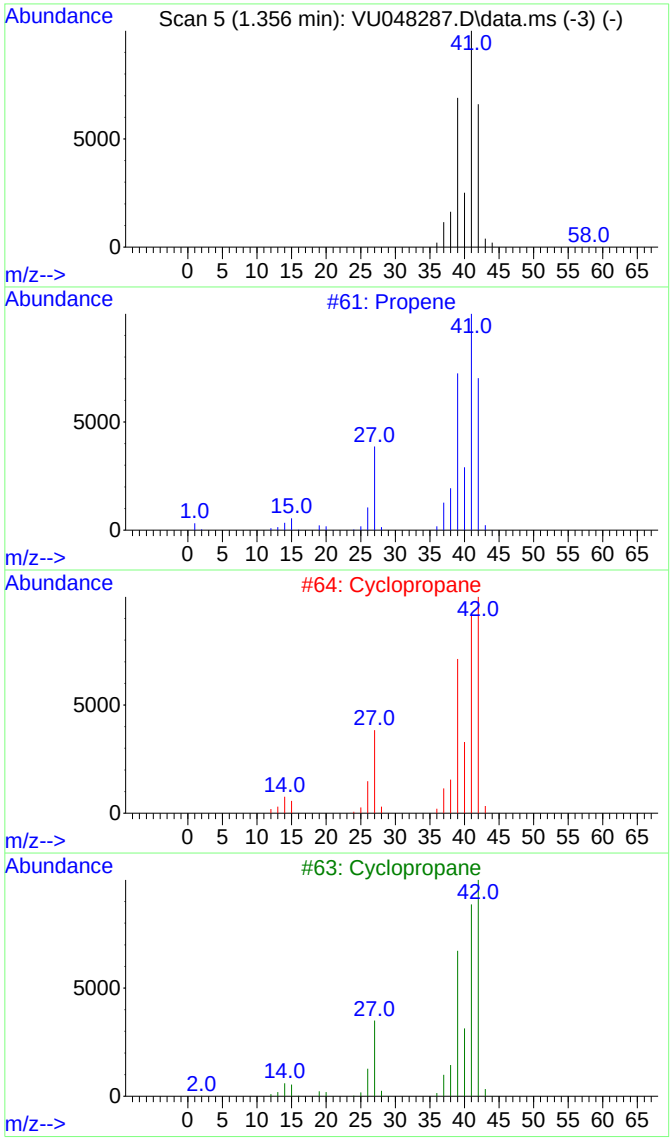
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

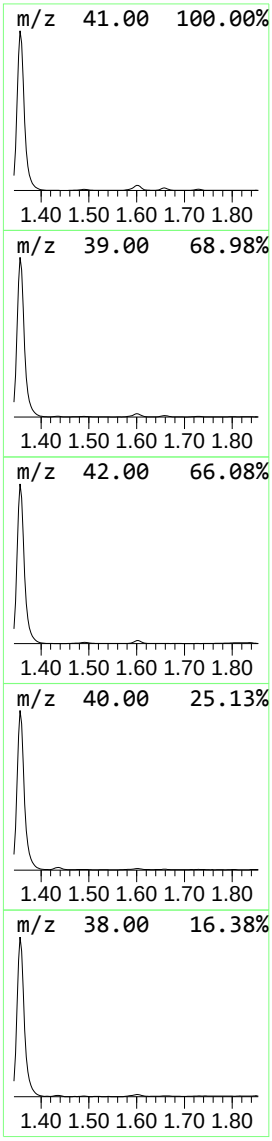
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.356	52.34 ug/L	904082	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	86
3	Cyclopropane	42	C3H6	000075-19-4	78
4	Propene	42	C3H6	000115-07-1	50
5	Cyclopropane	42	C3H6	000075-19-4	38





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Operator : SY/MD
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

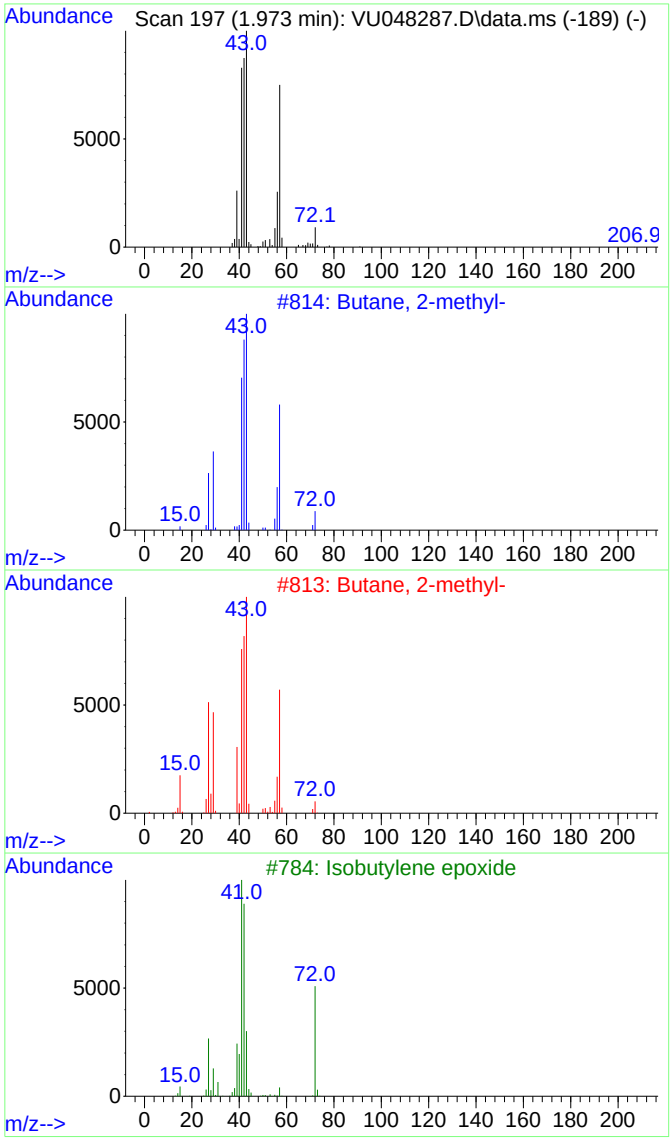
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

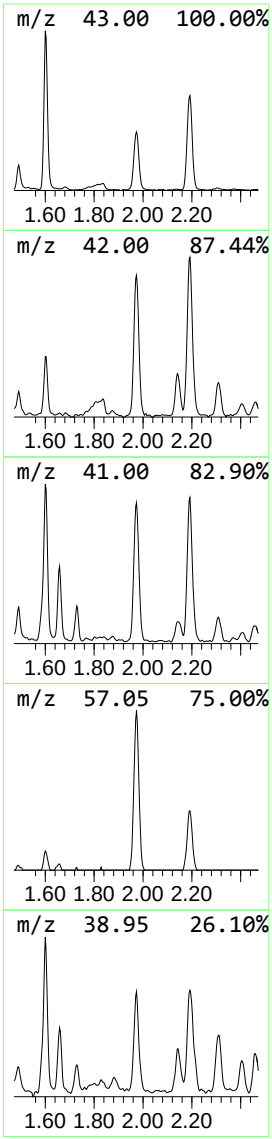
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.973	4.99 ug/L	86211	1,4-Difluorobenzene	6.250

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	86
3	Isobutylene epoxide	72	C4H8O	000558-30-5	38
4	3-Buten-1-ol	72	C4H8O	000627-27-0	37
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	36





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

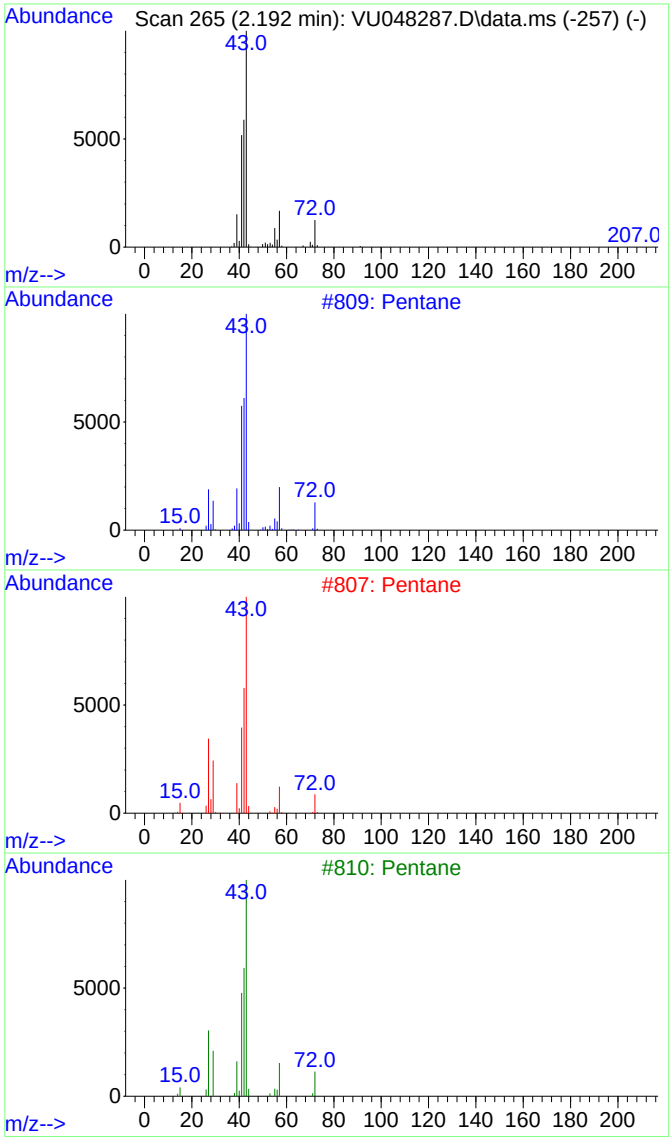
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

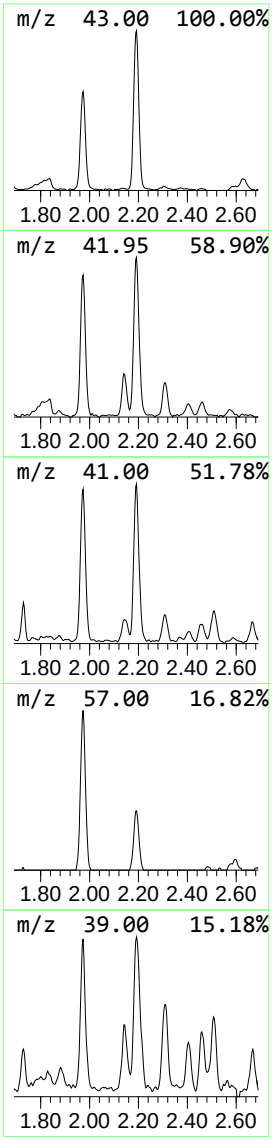
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.192	5.52 ug/L	95295	1,4-Difluorobenzene	6.250

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	78
5	Pentane	72	C5H12	000109-66-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

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

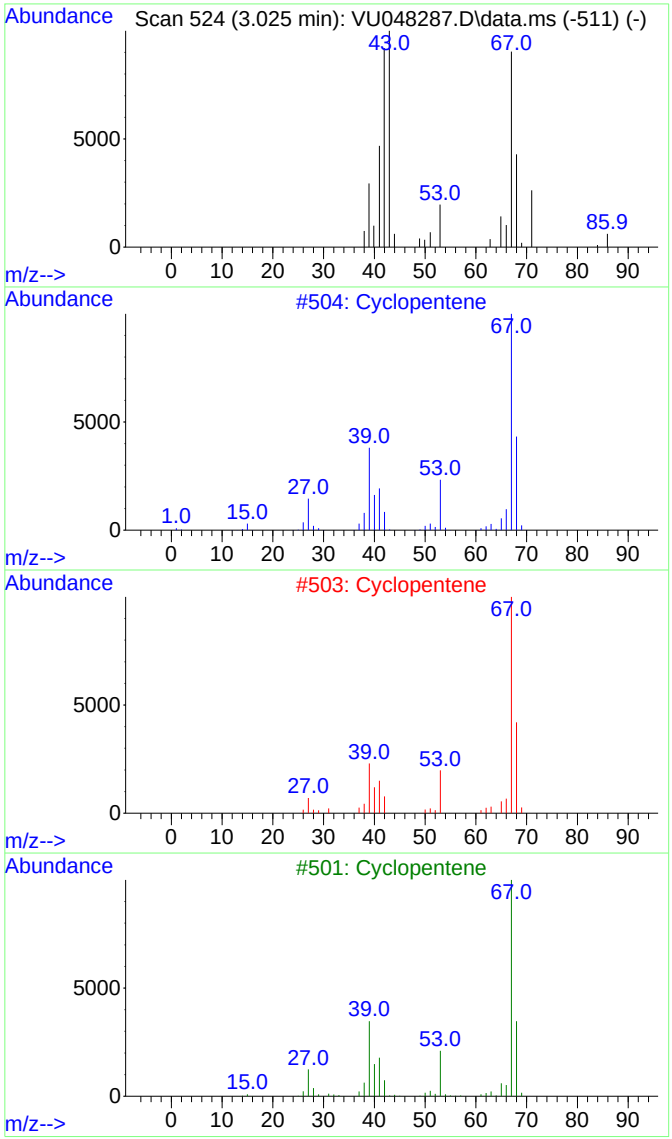
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

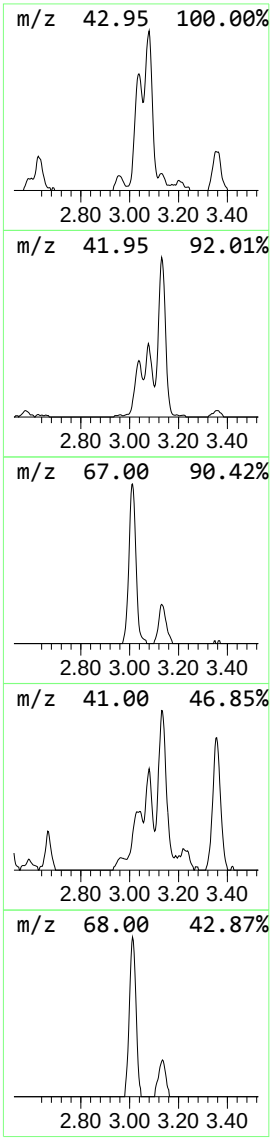
****

Peak Number 4 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	3.09 ug/L	53426	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	46
2	Cyclopentene	68	C5H8	000142-29-0	43
3	Cyclopentene	68	C5H8	000142-29-0	43
4	Cyclopentene	68	C5H8	000142-29-0	43
5	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

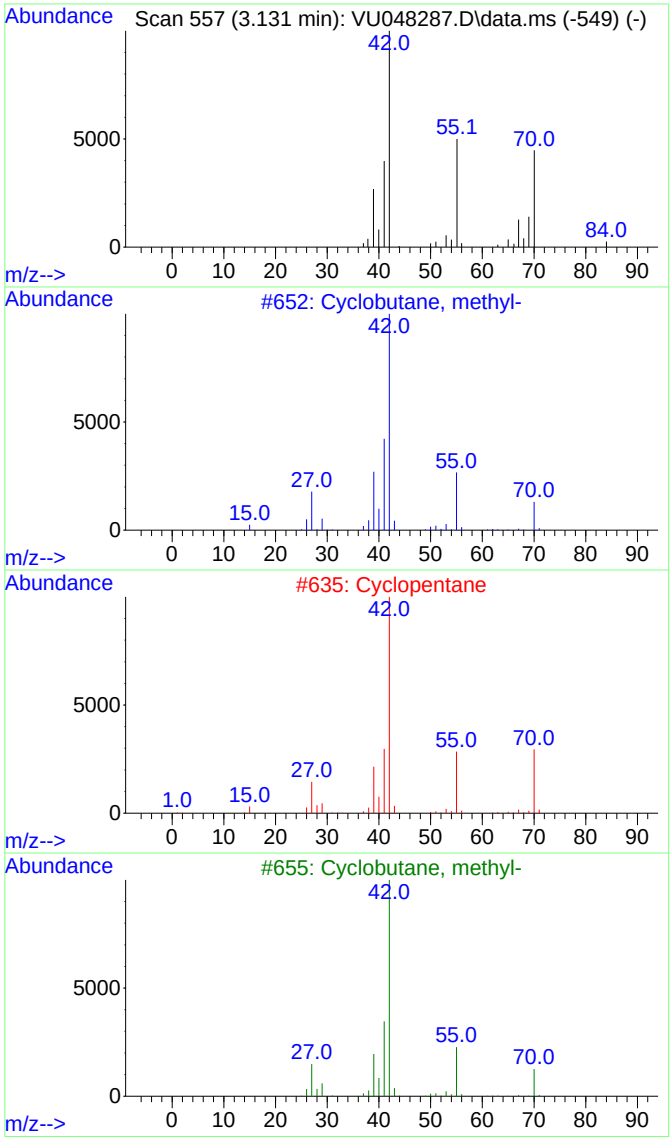
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

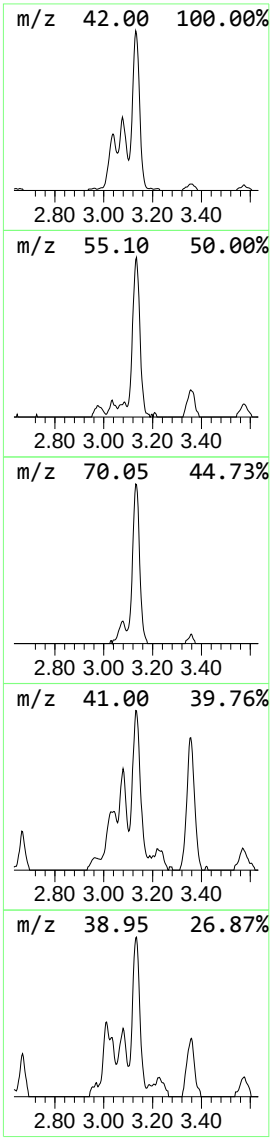
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.131 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.131	4.59 ug/L	79324	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
2	Cyclopentane	70	C5H10	000287-92-3	64
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
4	1-Pentene	70	C5H10	000109-67-1	45
5	1-Pentene	70	C5H10	000109-67-1	45





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Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

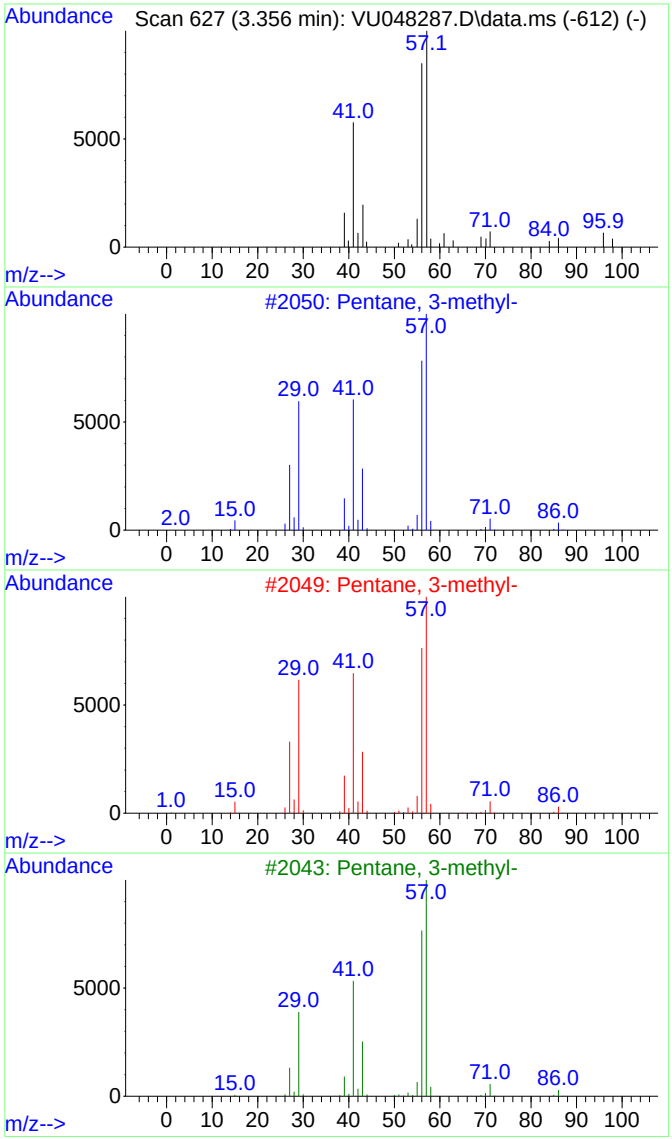
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

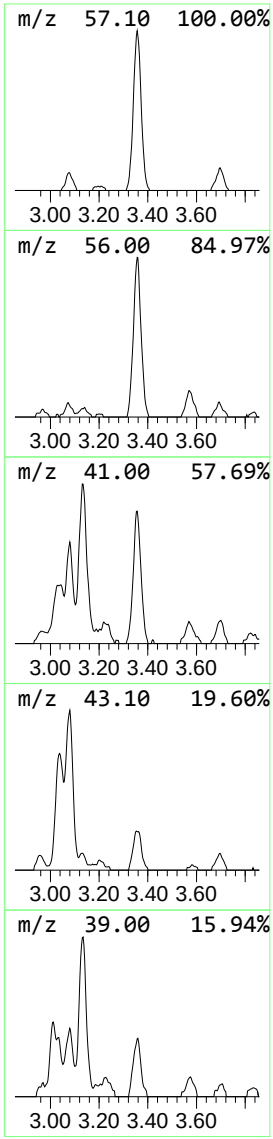
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.356	3.80 ug/L	65632	1,4-Difluorobenzene	6.250

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	64
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	47





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

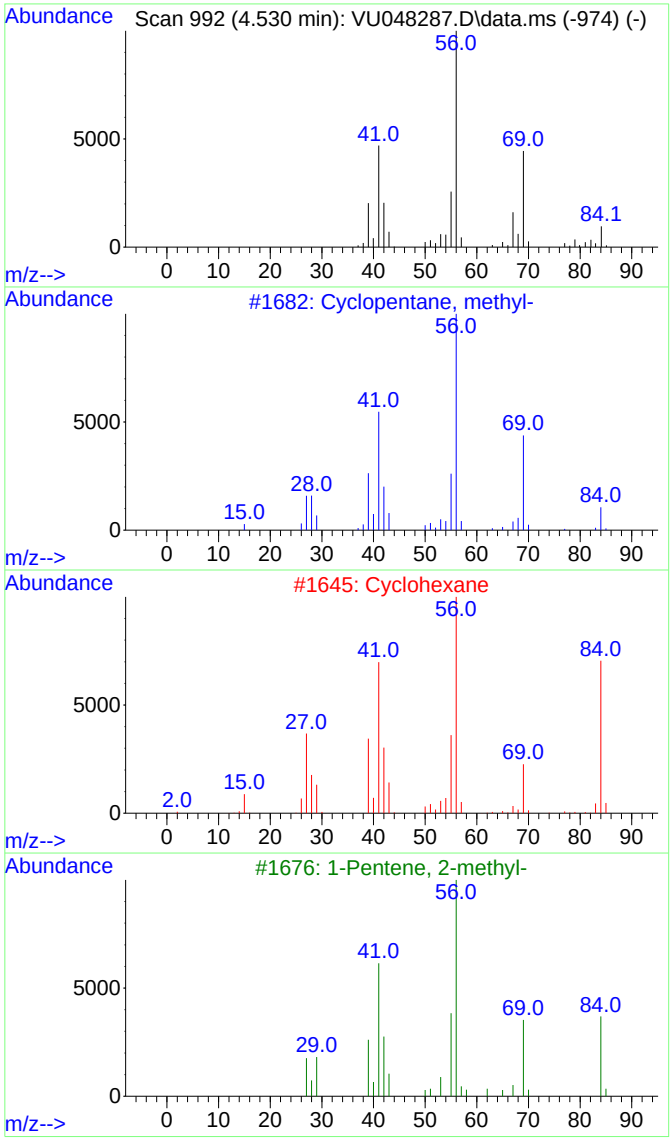
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

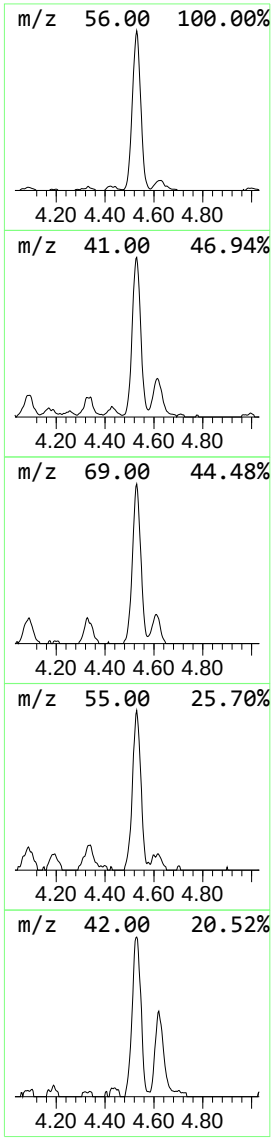
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	10.52 ug/L	181778	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	74
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclohexane	84	C6H12	000110-82-7	64





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Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

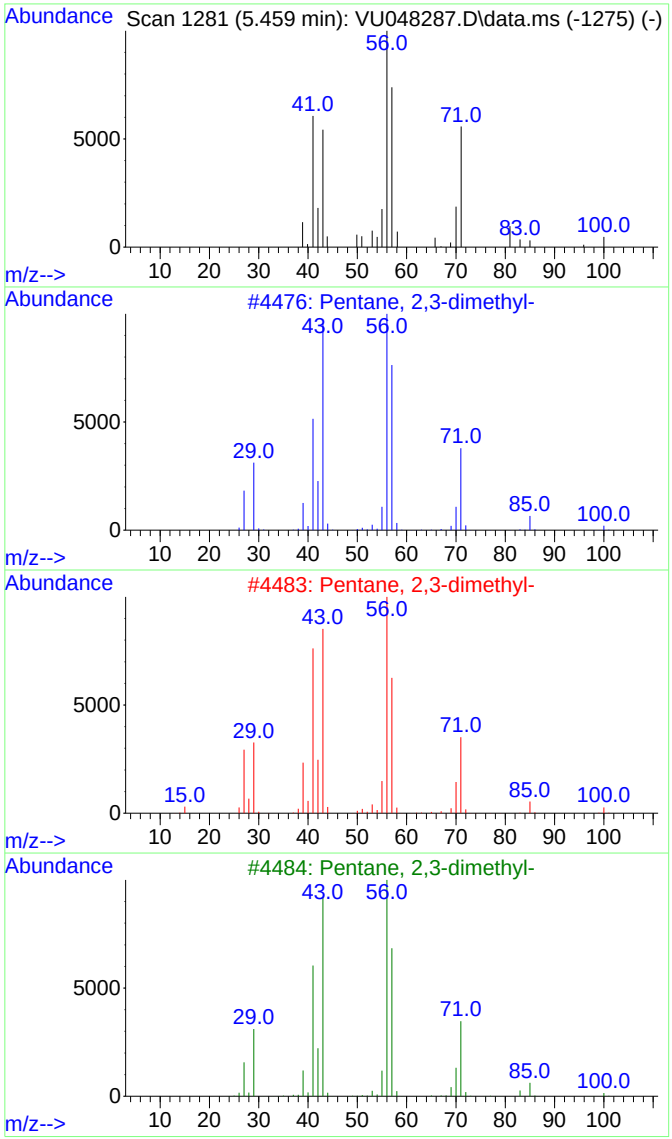
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

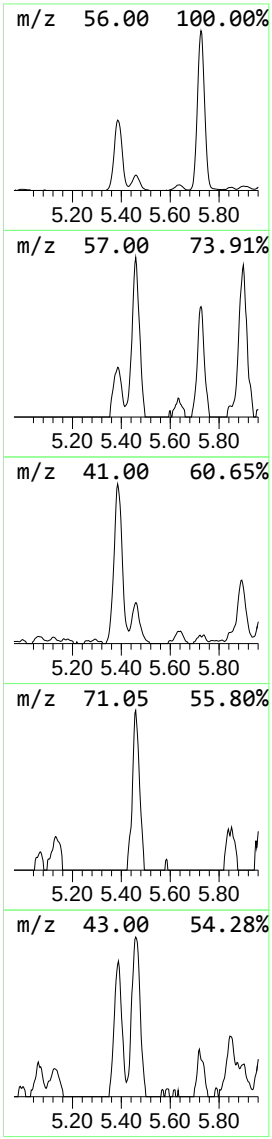
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	2.59 ug/L	44723	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

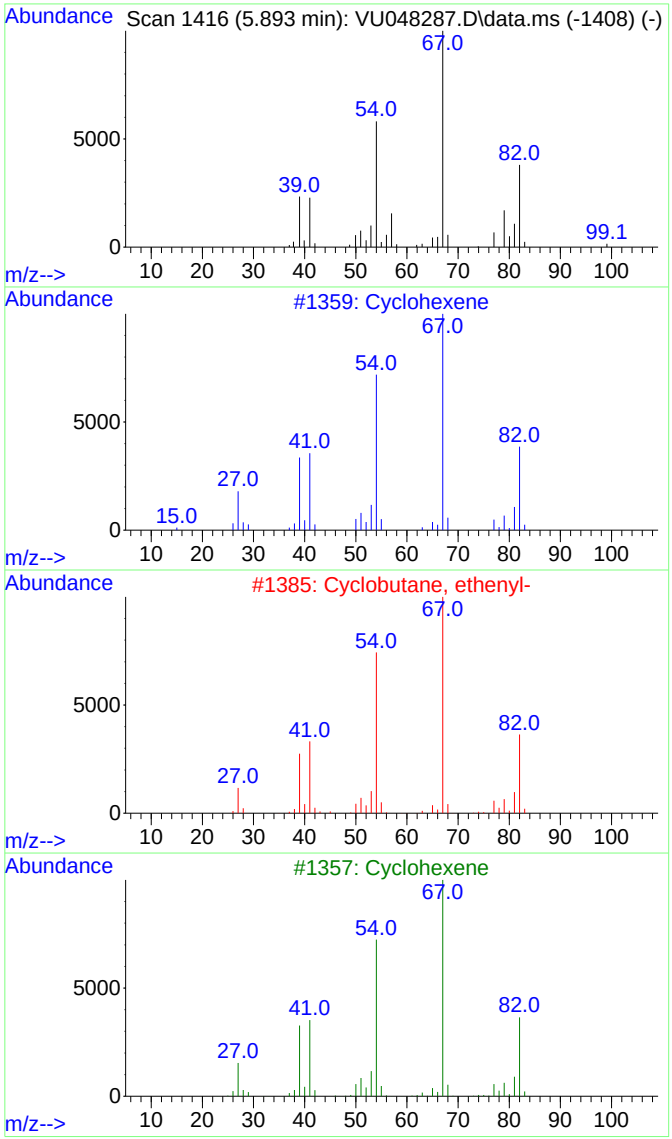
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

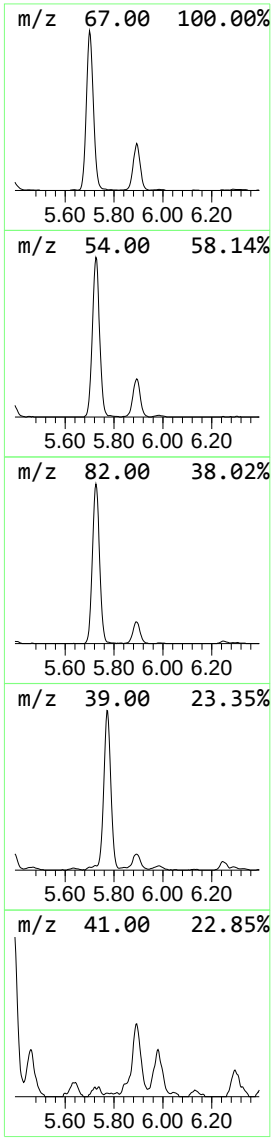
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.893	7.20 ug/L	124437	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	87
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	87
3	Cyclohexene	82	C6H10	000110-83-8	83
4	Cyclohexene	82	C6H10	000110-83-8	83
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	74





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

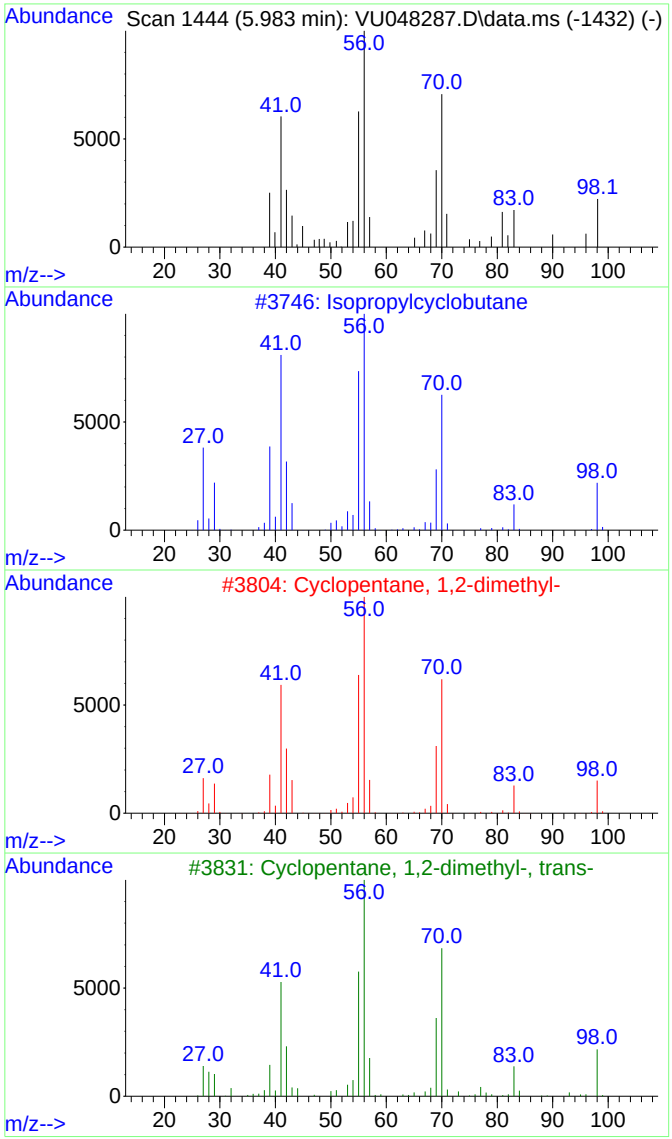
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

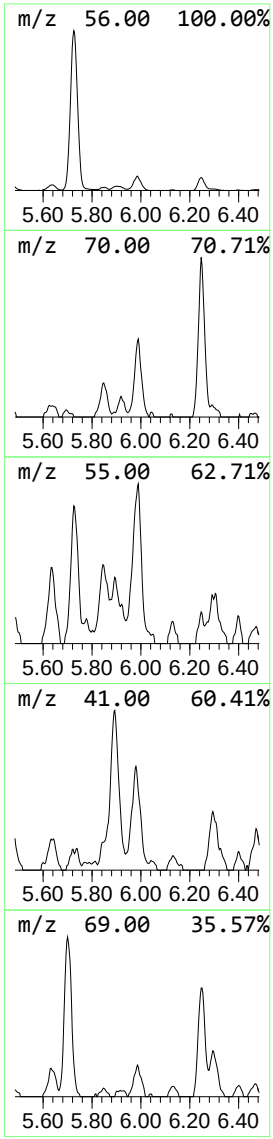
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.983	3.23 ug/L	55833	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	87
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	87





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Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

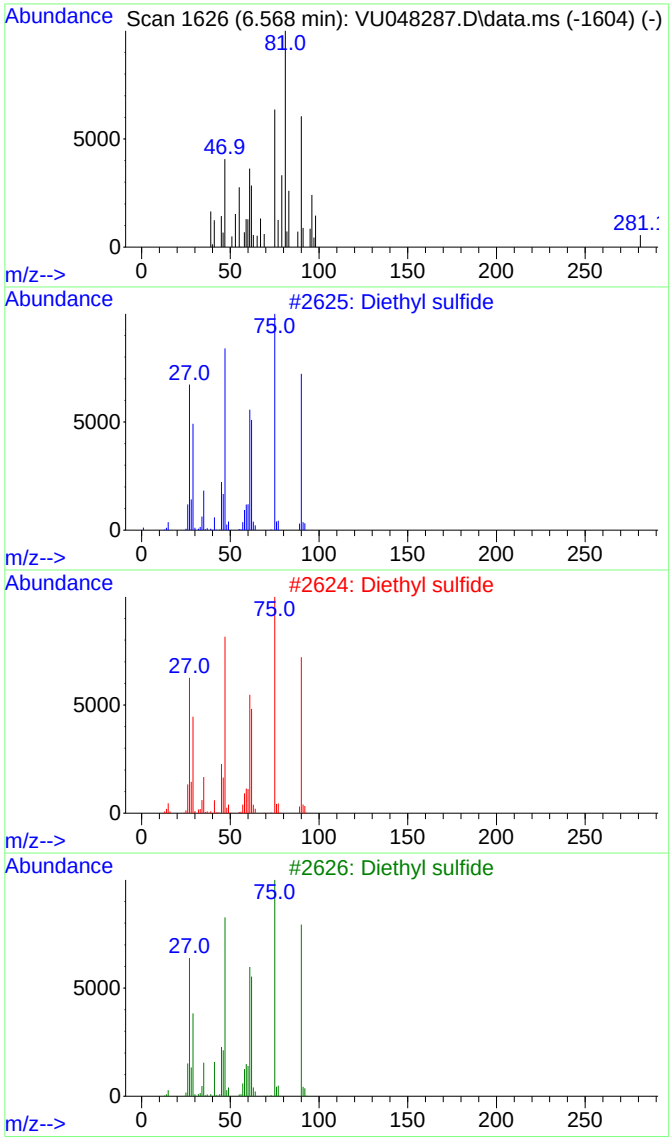
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

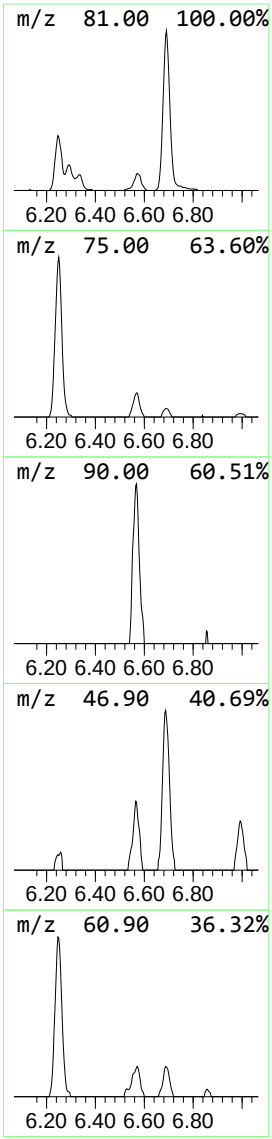
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Diethyl sulfide Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.568	2.82 ug/L	48705	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	60
2	Diethyl sulfide	90	C4H10S	000352-93-2	60
3	Diethyl sulfide	90	C4H10S	000352-93-2	60
4	Diethyl sulfide	90	C4H10S	000352-93-2	53
5	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	35





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

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

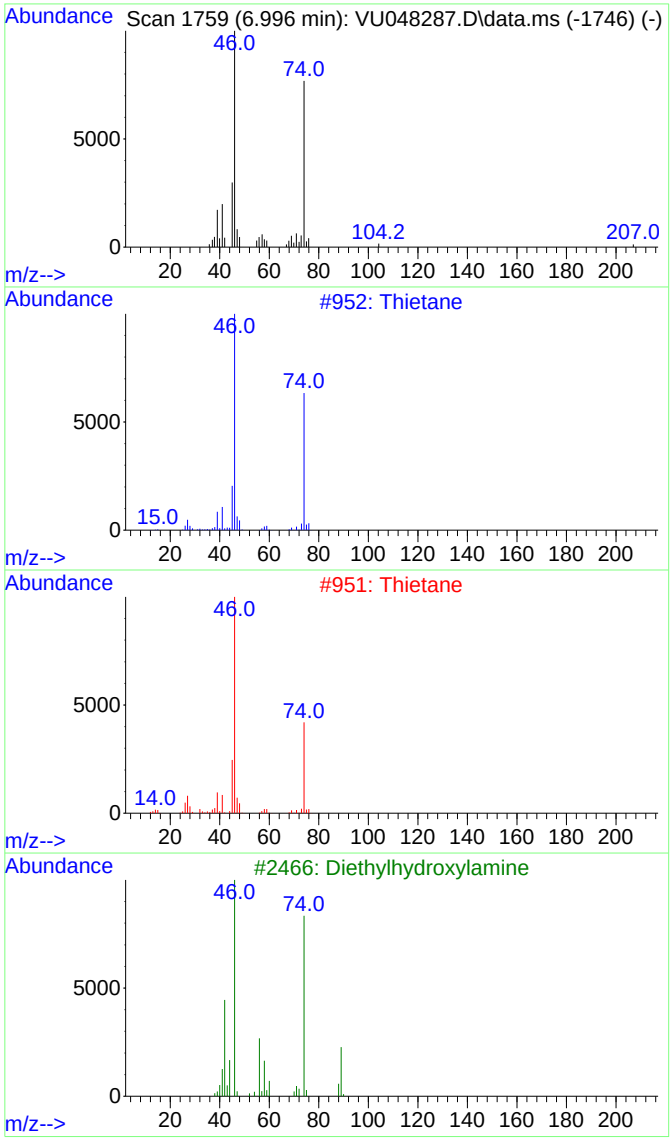
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

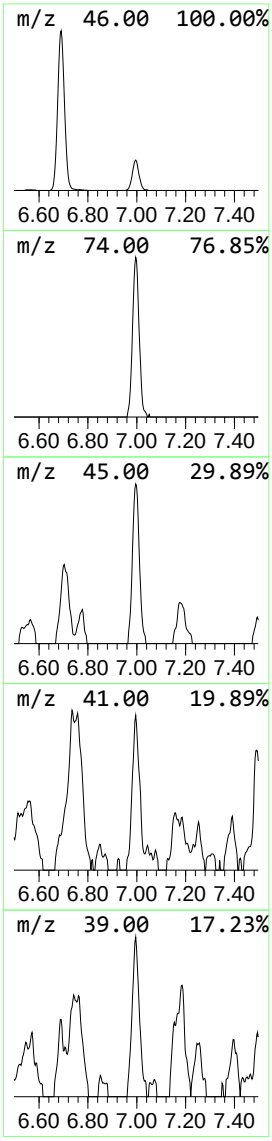
****

Peak Number 12 Thietane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	2.99 ug/L	51627	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thietane	74	C3H6S	000287-27-4	91
2	Thietane	74	C3H6S	000287-27-4	90
3	Diethylhydroxylamine	89	C4H11NO	003710-84-7	50
4	2,4-Thiazolidinedione	117	C3H3NO2S	002295-31-0	43
5	Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	25





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Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

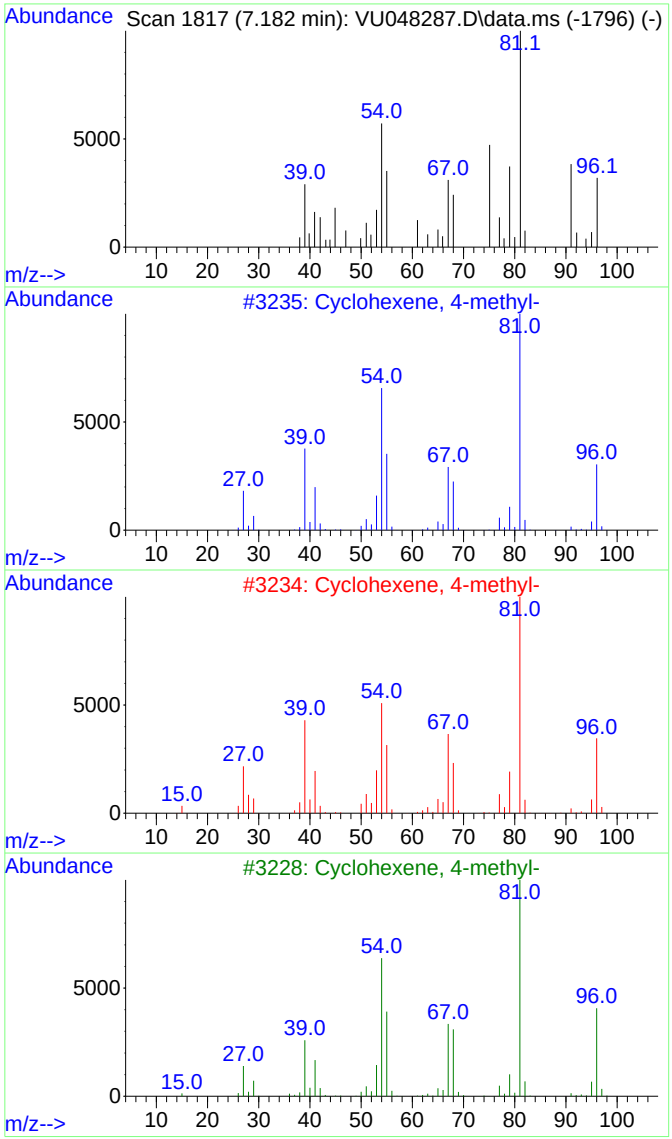
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

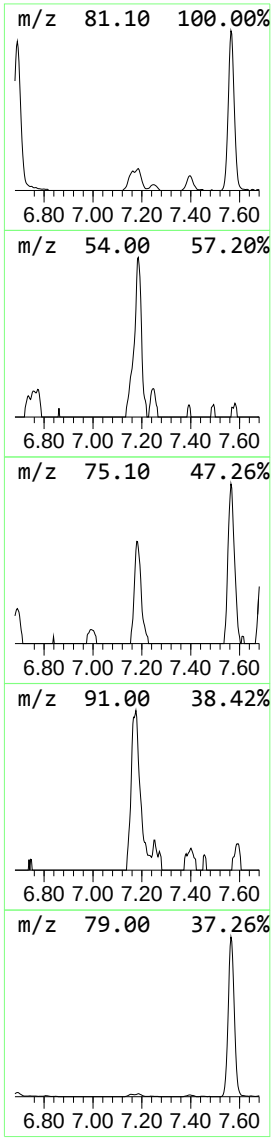
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.182	3.60 ug/L	62214	1,4-Difluorobenzene	6.250

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





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Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

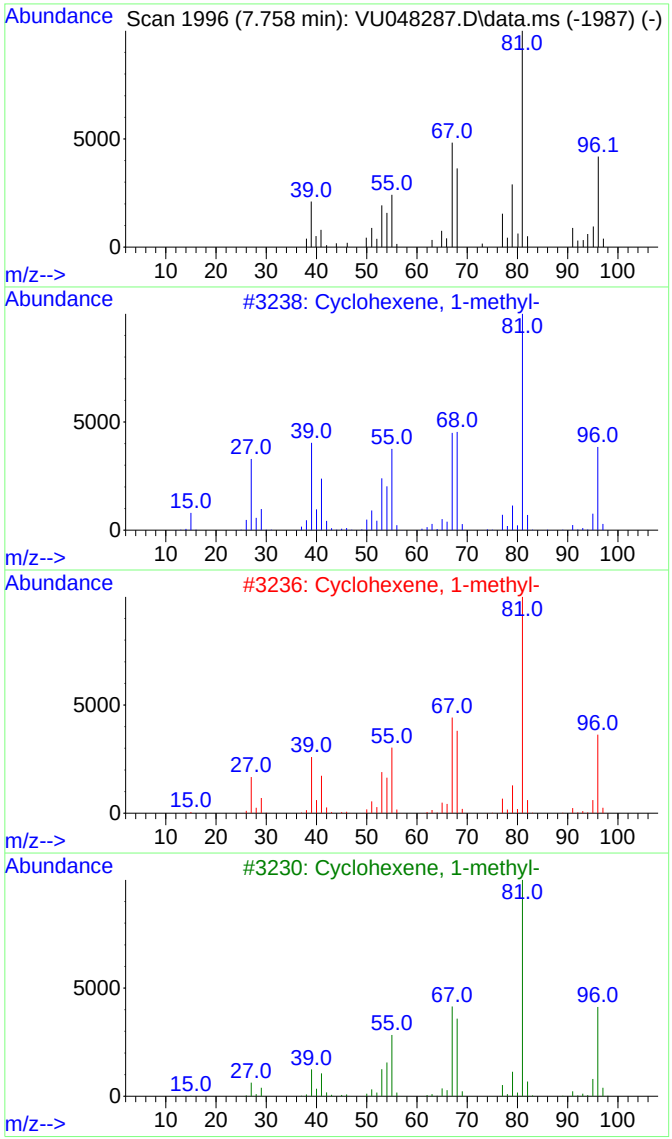
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

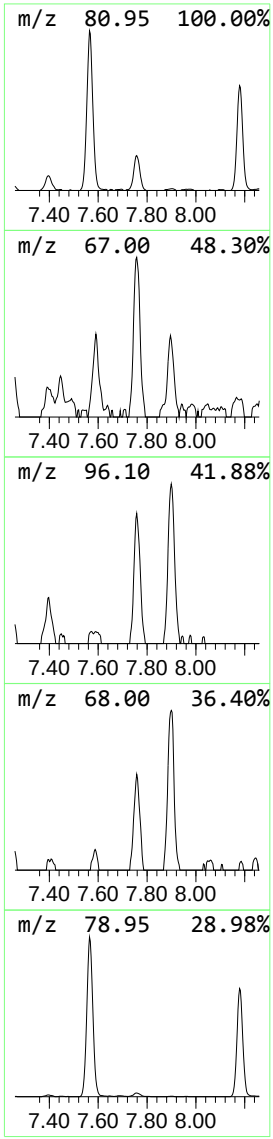
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.758	2.59 ug/L	44720	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	86
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	86





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

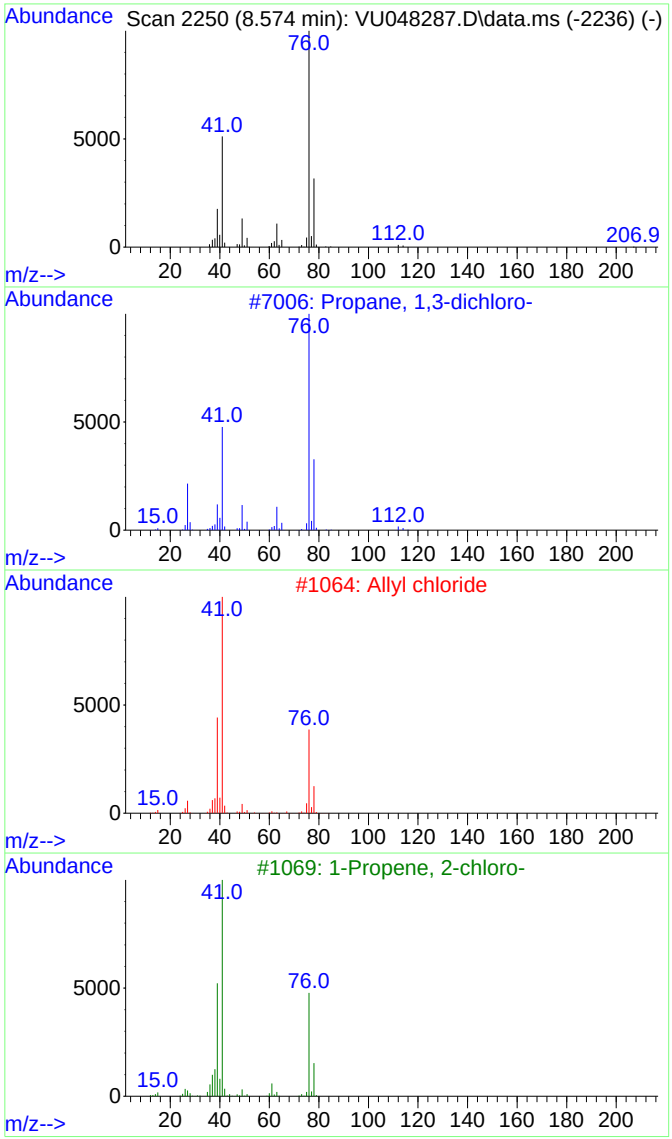
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

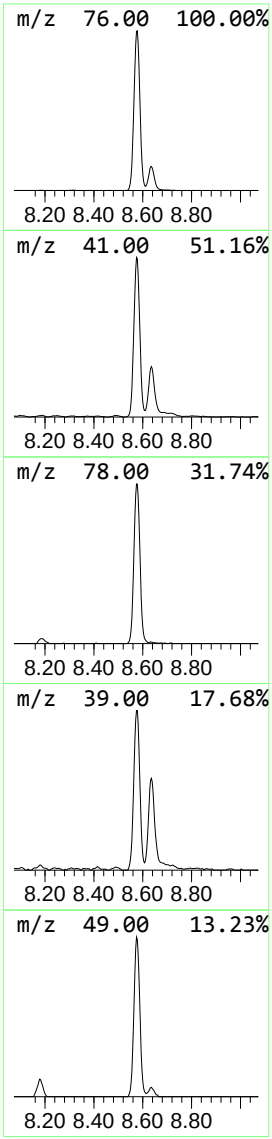
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Propane, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.574	22.57 ug/L	501373	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,3-dichloro-	112	C3H6Cl2	000142-28-9	83
2	Allyl chloride	76	C3H5Cl	000107-05-1	78
3	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	78
4	Propanal, 2,3-dichloro-2-methyl-	140	C4H6Cl2O	010141-22-7	74
5	3-Chloropropyl formate	122	C4H7ClO2	001487-44-1	64





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Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :
EXES5

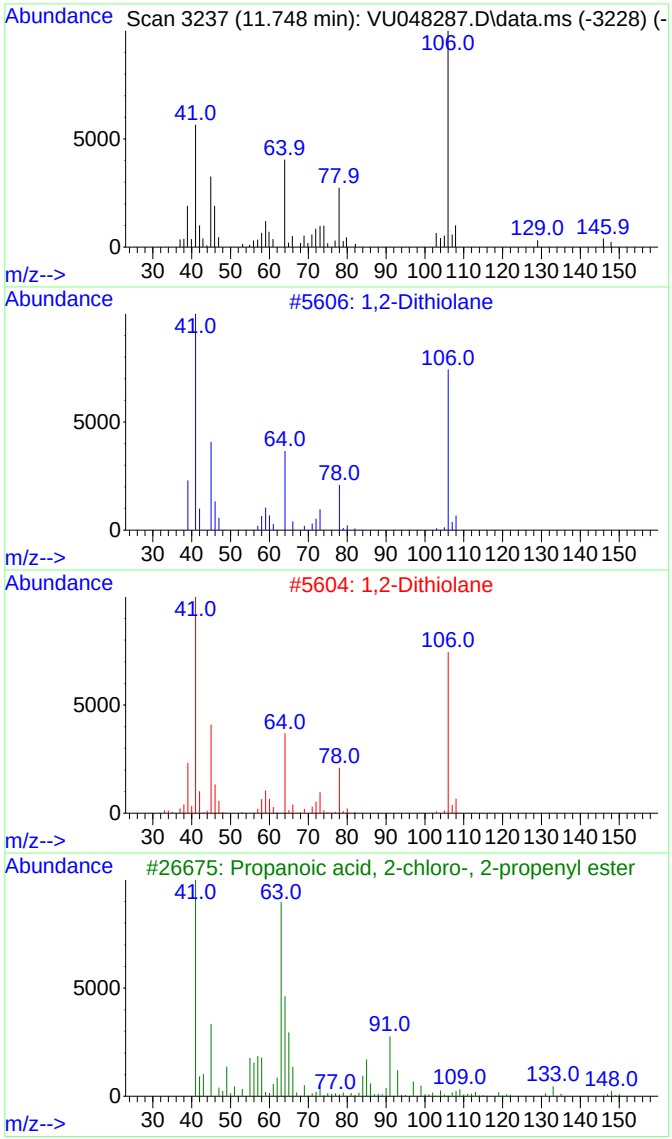
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis

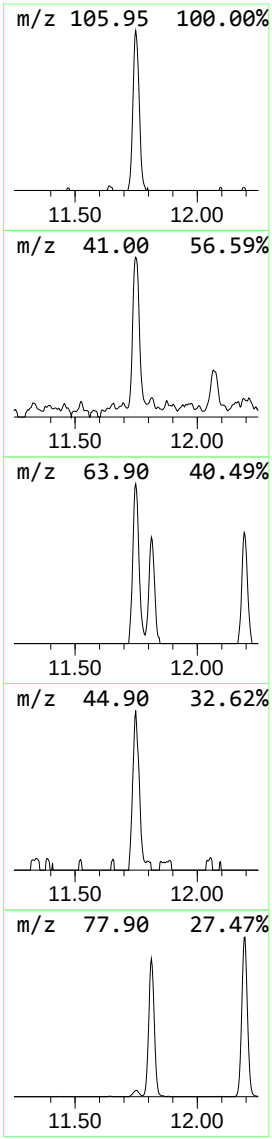
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1,2-Dithiolane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.748	2.61 ug/L	54006	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dithiolane	106	C3H6S2	000557-22-2	95
2	1,2-Dithiolane	106	C3H6S2	000557-22-2	94
3	Propanoic acid, 2-chloro-, 2-pro...	148	C6H9ClO2	055360-11-7	25
4	1,3-Dithiolane	106	C3H6S2	004829-04-3	16
5	3-Mercaptopropionic acid	106	C3H6O2S	000107-96-0	10





Tentatively Identified Compound (LSC) summary

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Data File : VU048287.D
Acq On : 25 Apr 2022 22:50
Operator : SY/MD
Sample : N2518-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXES5

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	52.3	ug/L	904082	1	6.250	863720	50.0
(DEL) Alkane: S...	1.973	5.0	ug/L	86211	1	6.250	863720	50.0
(DEL) Alkane: S...	2.192	5.5	ug/L	95295	1	6.250	863720	50.0
unknown-01	3.025	3.1	ug/L	53426	1	6.250	863720	50.0
(DEL) Alkane: C...	3.131	4.6	ug/L	79324	1	6.250	863720	50.0
(DEL) Alkane: S...	3.356	3.8	ug/L	65632	1	6.250	863720	50.0
(DEL) Alkane: C...	4.530	10.5	ug/L	181778	1	6.250	863720	50.0
(DEL) Alkane: S...	5.459	2.6	ug/L	44723	1	6.250	863720	50.0
Cyclobutane, et...	5.893	7.2	ug/L	124437	1	6.250	863720	50.0
(DEL) Alkane: C...	5.983	3.2	ug/L	55833	1	6.250	863720	50.0
Diethyl sulfide	6.568	2.8	ug/L	48705	1	6.250	863720	50.0
Thietane	6.996	3.0	ug/L	51627	1	6.250	863720	50.0
Cyclohexene, 4-...	7.182	3.6	ug/L	62214	1	6.250	863720	50.0
Cyclohexene, 1-...	7.758	2.6	ug/L	44720	1	6.250	863720	50.0
Propane, 1,3-di...	8.574	22.6	ug/L	501373	2	9.417	1110640	50.0
1,2-Dithiolane	11.748	2.6	ug/L	54006	3	11.812	1033380	50.0