LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

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\SOMULM060619WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.396	88	95	106	rVB	78325	84428	12.00%	1.121%
2	1.675	176	182	199	rVB	67861	83614	11.88%	1.111%
3	2.662	486	489	492	rBV2	222	188	0.03%	0.002%
4	2.695	496	499	500	rBV	298	155	0.02%	0.002%
5	2.778	522	525	526	rBV2	363	221	0.03%	0.003%
6	2.910	564	566	569	rBV2	191	116	0.02%	0.002%
7	2.981	579	588	595	rBV5	1263	2150	0.31%	0.029%
8	3.064	611	614	616	rBV	286	180	0.03%	0.002%
9	3.090	619	622	625	rVB	245	137	0.02%	0.002%
10	3.109	625	628	634	rBV2	221	193	0.03%	0.003%
11	3.180	638	650	665	rBV2	15070	32961	4.69%	0.438%
12	3.296	683	686	692	rBV3	215	248	0.04%	0.003%
13	3.415	720	723	724	rBV	247	131	0.02%	0.002%
14	3.441	724	731	732	rBV3	805	861	0.12%	0.011%
15	3.569	760	771	774	rBV6	873	1635	0.23%	0.022%
16	3.605	781	782	785	rVB6	287	122	0.02%	0.002%
17	3.627	785	789	790	rBV2	280	165	0.02%	0.002%
18	3.685	804	807	812	rBV2	198	236	0.03%	0.003%
19	3.740	822	824	827	rBV2	149	107	0.02%	0.001%
20	3.756	827	829	833	rVV	371	342	0.05%	0.005%
21	3.817	845	848	853	rBV2	228	230	0.03%	0.003%
22	3.842	853	856	859	rVB3	301	221	0.03%	0.003%
23	3.862	859	862	863	rBV2	188	107	0.02%	0.001%
24	3.913	875	878	883	rBV	236	146	0.02%	0.002%
25	3.981	886	899	930	rBV2	105414	276861	39.35%	3.677%
26	4.170	947	958	993	rVB	67043	174943	24.87%	2.323%
27	4.640	1089	1104	1130	rBV	116575	272534	38.74%	3.620%
28	4.830	1161	1163	1167	rBV3	353	183	0.03%	0.002%
29	4.936	1192	1196	1197	rBV	187	136	0.02%	0.002%
30	4.968	1203	1206	1208	rBV	130	100	0.01%	0.001%
31	5.010	1217	1219	1222	rBV	258	114	0.02%	0.002%
32	5.112	1246	1251	1256	rBV2	204	200	0.03%	0.003%
33	5.151	1259	1263	1268	rVB2	204	192	0.03%	0.003%
34	5.190	1268	1275	1276	rBV	191	185	0.03%	0.002%

LSC Area Percent Report

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Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

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\SOMULM060619WMA.M
Title : VOC Analysis

35	5.206	1277	1280	1283	rBV2	396	386	0.05%	0.005%
36	5.334	1297	1320	1345	rBV2	240828	703539	100.00%	9.344%
37	5.694	1428	1432	1437	rVB2	297	299	0.04%	0.004%
38	5.752	1442	1450	1452	rBV3	411	484	0.07%	0.006%
39	5.881	1478	1490	1524	rBV	245996	483861	68.78%	6.426%
40	6.174	1575	1581	1585	rBV2	924	1068	0.15%	0.014%
41	6.219	1592	1595	1596	rBV2	185	105	0.01%	0.001%
42	6.325	1615	1628	1644	rBV	159140	315161	44.80%	4.186%
43	6.489	1678	1679	1682	rBV	223	144	0.02%	0.002%
44	6.550	1695	1698	1703	rVB2	243	229	0.03%	0.003%
45	6.598	1711	1713	1715	rBV	199	112	0.02%	0.001%
46	6.614	1715	1718	1724	rVV3	274	279	0.04%	0.004%
47	6.720	1746	1751	1753	rBV	156	168	0.02%	0.002%
48	6.759	1758	1763	1766	rBV	102	96	0.01%	0.001%
49	6.788	1770	1772	1775	rVB	151	102	0.01%	0.001%
50	6.846	1788	1790	1798	rVB3	221	183	0.03%	0.002%
51	6.878	1798	1800	1802	rBV	312	192	0.03%	0.003%
52	6.942	1817	1820	1824	rVB	210	141	0.02%	0.002%
53	6.971	1824	1829	1835	rBV	225	226	0.03%	0.003%
54	7.116	1871	1874	1879	rBV2	212	215	0.03%	0.003%
55	7.167	1883	1890	1895	rBV2	250	321	0.05%	0.004%
56	7.222	1895	1907	1933	rBV	90923	166326	23.64%	2.209%
57	7.424	1966	1970	1973	rBV2	278	307	0.04%	0.004%
58	7.559	1991	2012	2034	rBV	341825	596168	84.74%	7.918%
59	7.846	2091	2101	2122	rBV	60168	107231	15.24%	1.424%
60	8.083	2174	2175	2178	rVV	243	141	0.02%	0.002%
61	8.103	2178	2181	2191	rVV2	424	597	0.08%	0.008%
62	8.170	2195	2202	2215	rVB5	1756	3153	0.45%	0.042%
63	8.305	2233	2244	2288	rBV	221109	408402	58.05%	5.424%
64	8.572	2320	2327	2339	rVB4	2649	4731	0.67%	0.063%
65	8.649	2349	2351	2354	rVB2	293	139	0.02%	0.002%
66	8.669	2354	2357	2363	rBV4	444	511	0.07%	0.007%
67	8.759	2382	2385	2386	rBV	202	133	0.02%	0.002%
68	8.849	2407	2413	2416	rBV2	182	205	0.03%	0.003%
69	9.003	2459	2461	2464	rBV	186	134	0.02%	0.002%
70	9.032	2467	2470	2471	rBV	337	169	0.02%	0.002%
71	9.083	2475	2486	2506	rBV	353119	602608	85.65%	8.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

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\SOMULM060619WMA.M
Title : VOC Analysis

72	9.254	2536	2539	2540	rBV	525	325	0.05%	0.004%
73	9.373	2563	2576	2589	rBV8	34085	81081	11.52%	1.077%
74	9.562	2628	2635	2646	rVB5	2732	4504	0.64%	0.060%
75	9.614	2646	2651	2652	rBV2	317	257	0.04%	0.003%
76	9.636	2652	2658	2664	rVV5	1693	2299	0.33%	0.031%
77	9.762	2694	2697	2700	rBV	269	213	0.03%	0.003%
78	9.797	2705	2708	2711	rVV3	357	298	0.04%	0.004%
79	9.942	2750	2753	2755	rBV	329	234	0.03%	0.003%
80	9.987	2765	2767	2769	rBV	235	116	0.02%	0.002%
81	10.042	2776	2784	2792	rBV6	1220	2179	0.31%	0.029%
82	10.260	2849	2852	2854	rBV2	389	219	0.03%	0.003%
83	10.315	2860	2869	2878	rVB6	2303	3872	0.55%	0.051%
84	10.427	2883	2904	2925	rBV2	239922	445110	63.27%	5.912%
85	10.743	2994	3002	3006	rBV4	1581	2197	0.31%	0.029%
86	10.900	3045	3051	3053	rBV	281	252	0.04%	0.003%
87	11.099	3104	3113	3120	rBV6	2130	3694	0.53%	0.049%
88	11.212	3140	3148	3156	rBV3	3894	6615	0.94%	0.088%
89	11.405	3198	3208	3219	rBV2	24630	43358	6.16%	0.576%
90	11.479	3221	3231	3239	rBV	388592	616124	87.57%	8.183%
91	11.723	3298	3307	3315	rBV	94823	145492	20.68%	1.932%
92	11.855	3337	3348	3359	rBV	370513	596132	84.73%	7.917%
93	12.257	3454	3473	3482	rBV	27257	46388	6.59%	0.616%
94	12.781	3628	3636	3647	rVB	165724	242669	34.49%	3.223%
95	13.411	3823	3832	3846	rVB3	51993	93733	13.32%	1.245%
96	13.646	3895	3905	3928	rVB	279175	473696	67.33%	6.291%
97	13.977	3999	4008	4018	rBV2	60030	99423	14.13%	1.320%
98	14.257	4088	4095	4104	rVB3	20943	29905	4.25%	0.397%
99	14.430	4141	4149	4165	rVB4	41060	72098	10.25%	0.958%
100	14.839	4267	4276	4289	rVB	114661	184223	26.19%	2.447%

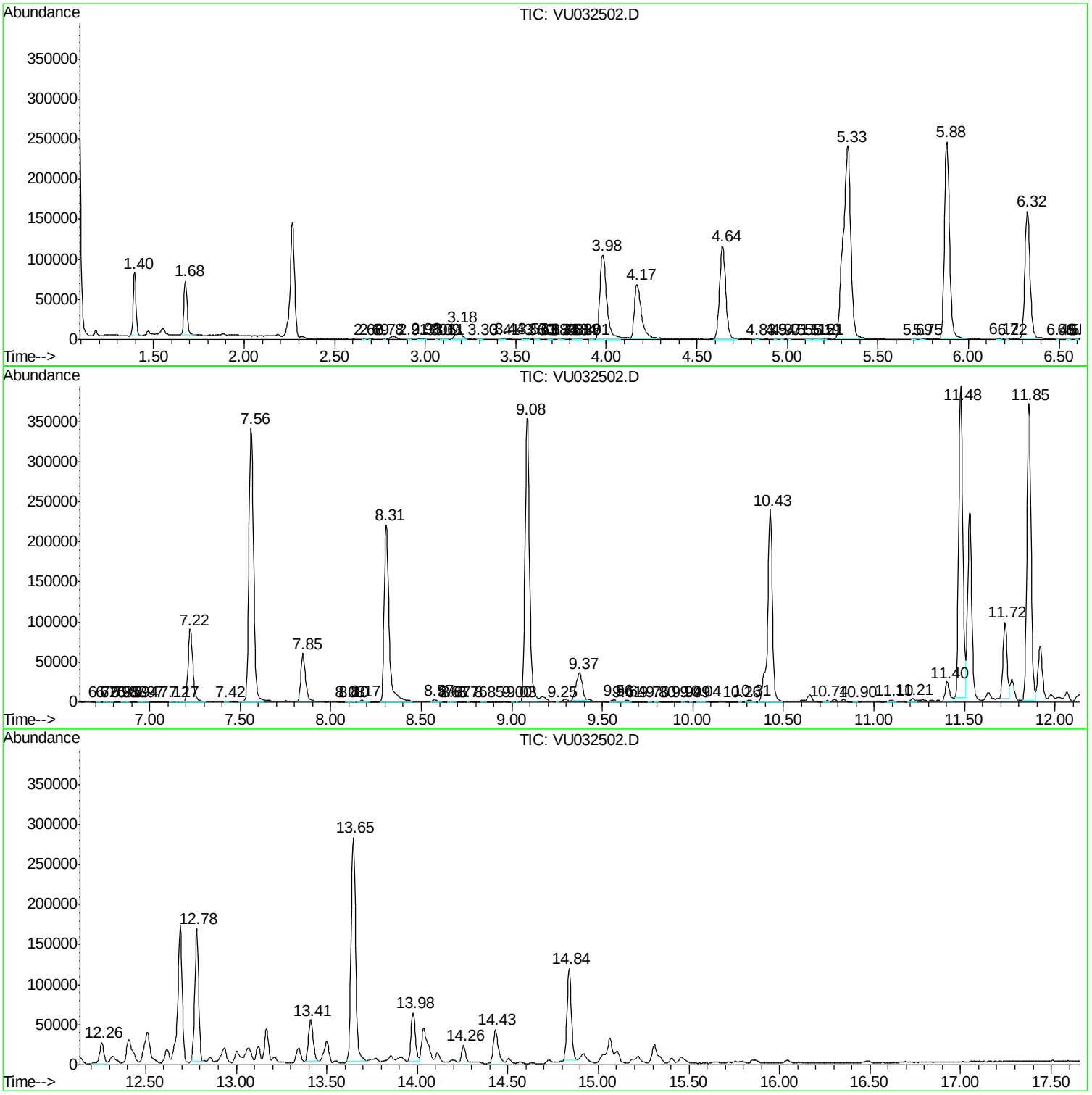
Sum of corrected areas: 7529314

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

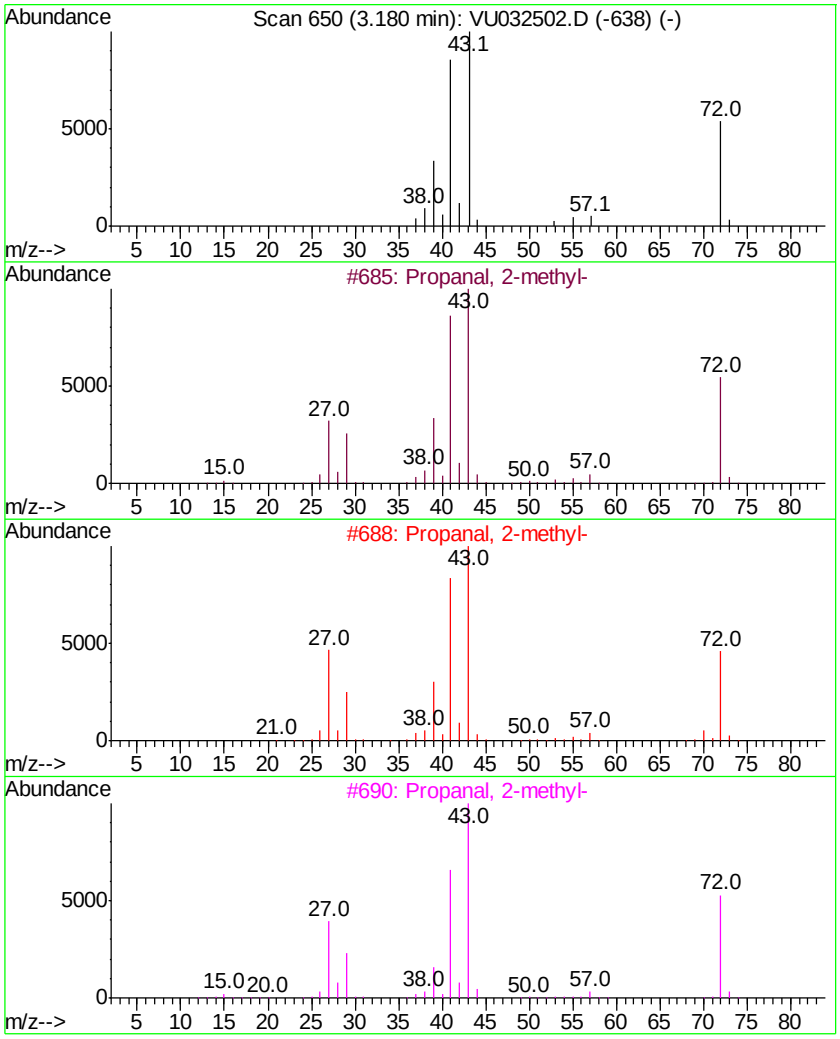
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

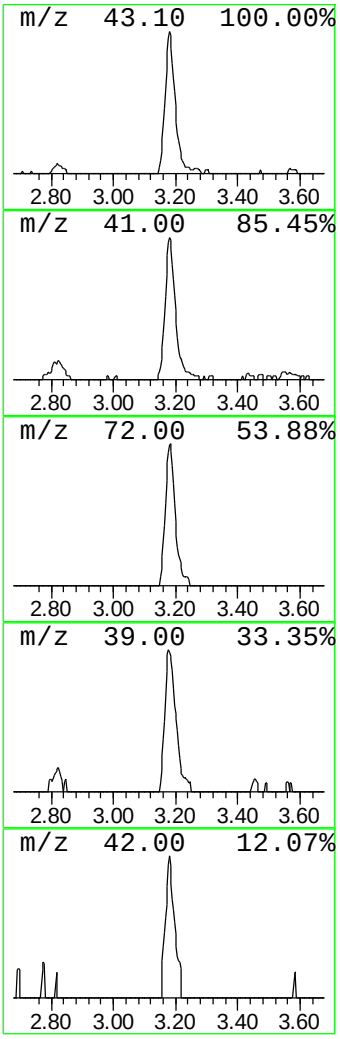
****

Peak Number 1 Propanal, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.41 ug/L	32961	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	78
4	Butanal	72	C4H8O	000123-72-8	58
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

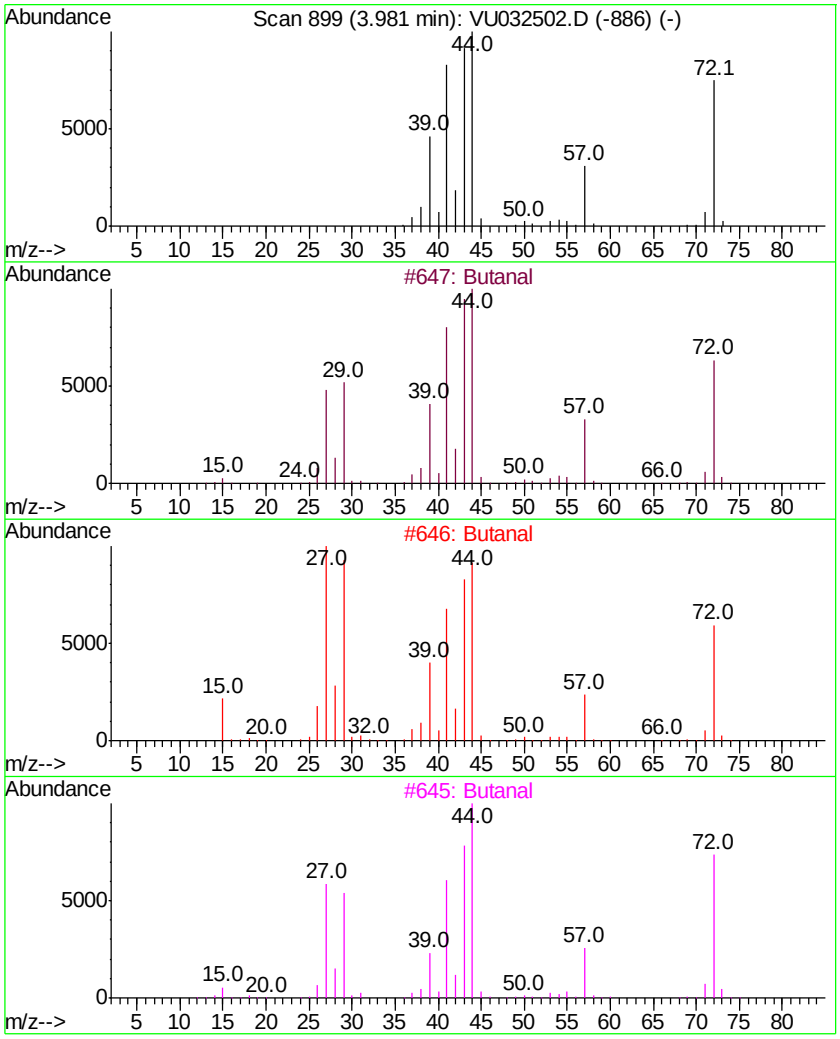
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

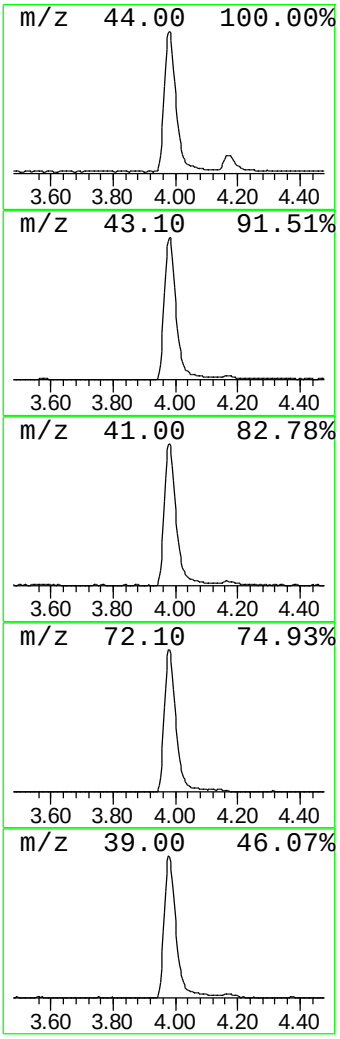
****

Peak Number 2 Butanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	28.61 ug/L	276861	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	80
4	Ethene, ethoxy-	72	C4H8O	000109-92-2	50
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

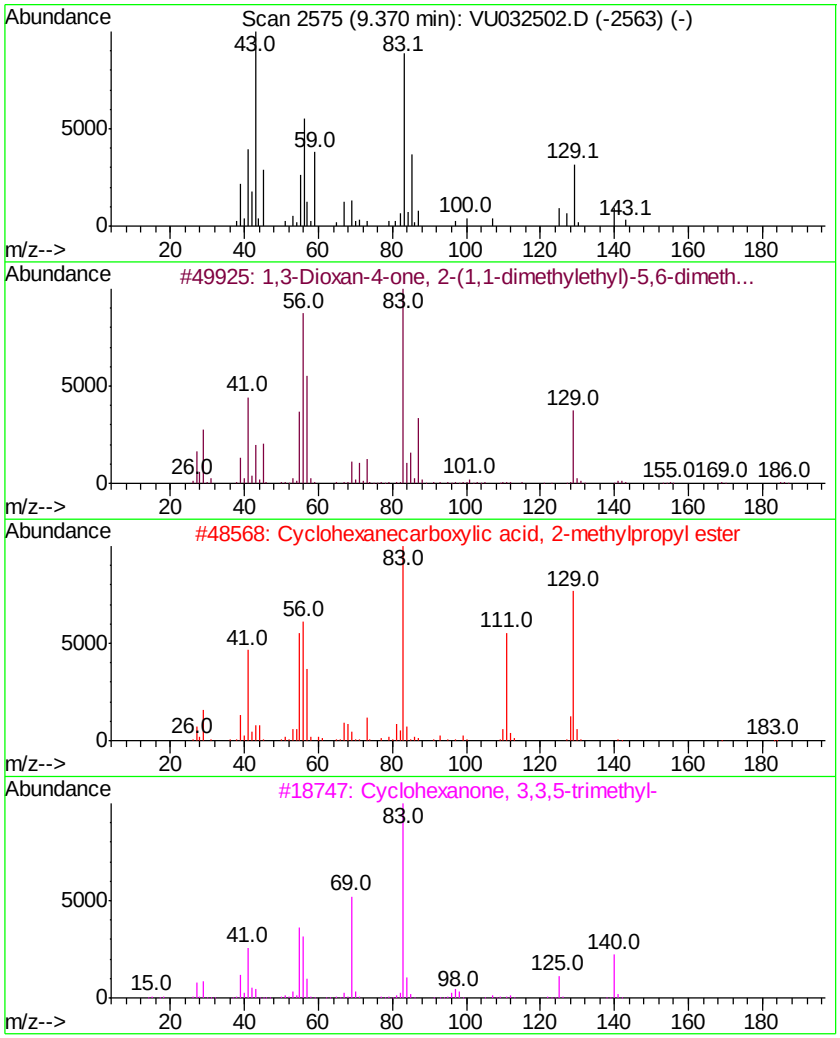
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

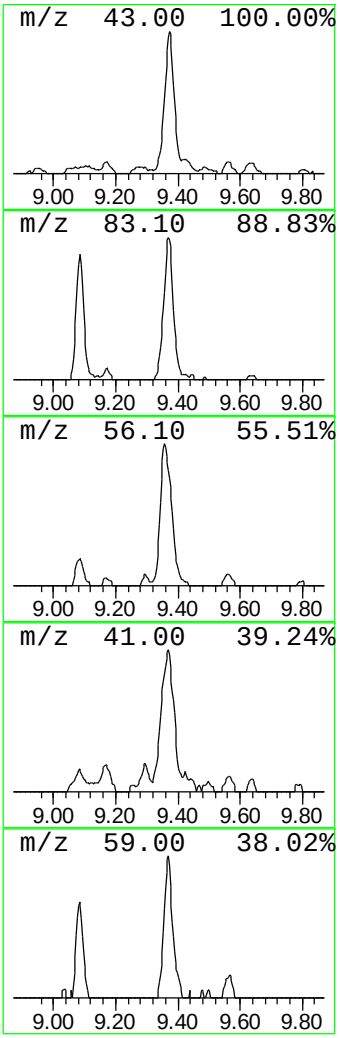
****

Peak Number 4 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	6.73 ug/L	81081	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxan-4-one, 2-(1,1-dimethv...	186	C10H18O3	107289-14-5	47
2	Cyclohexanecarboxylic acid, 2-me...	184	C11H20O2	037139-85-8	43
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	35
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	35
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

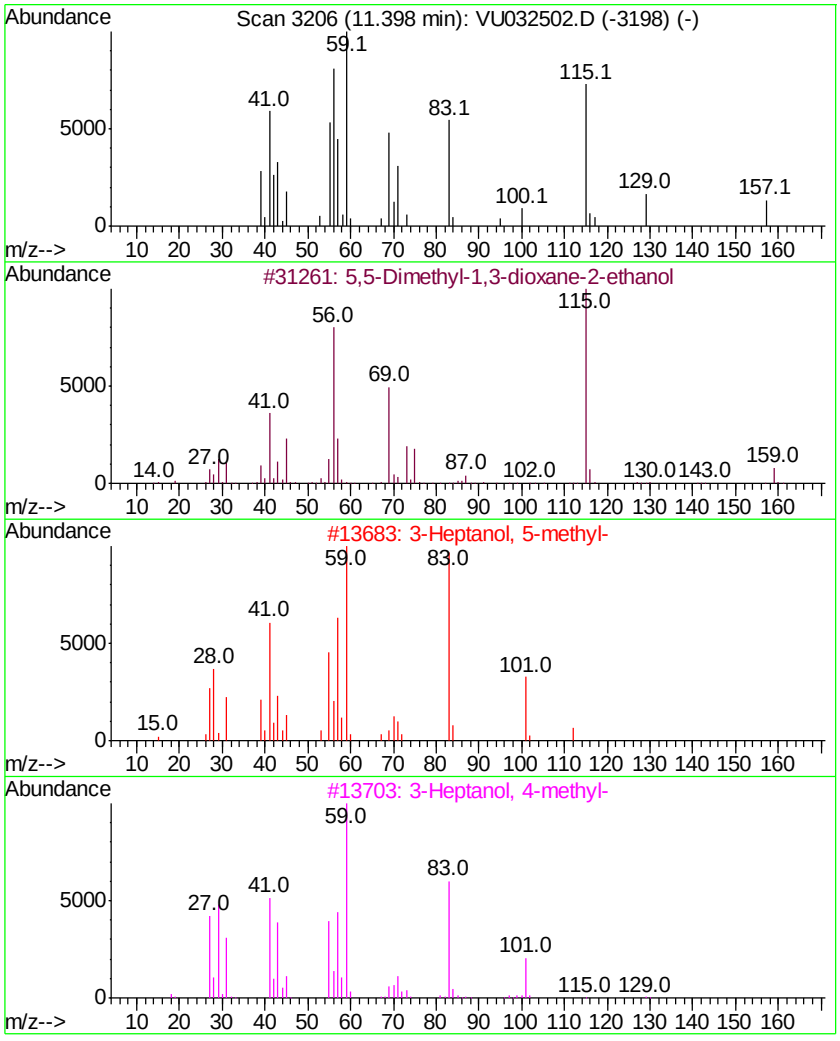
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

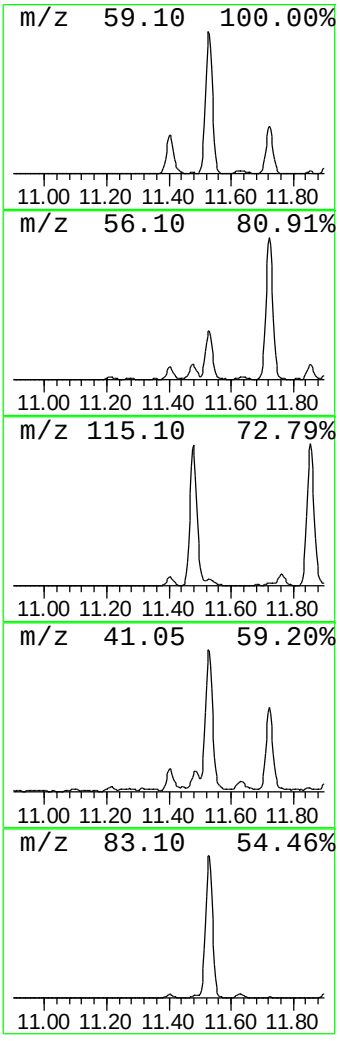
****

Peak Number 5 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	3.52 ug/L	43358	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-dioxane-2-ethanol	160	C8H16O3	116141-68-5	35
2	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	22
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	22
4	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	14
5	2,5-Pyrrolidione, n-butyryloxy-	185	C8H11NO4	070741-39-8	14





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

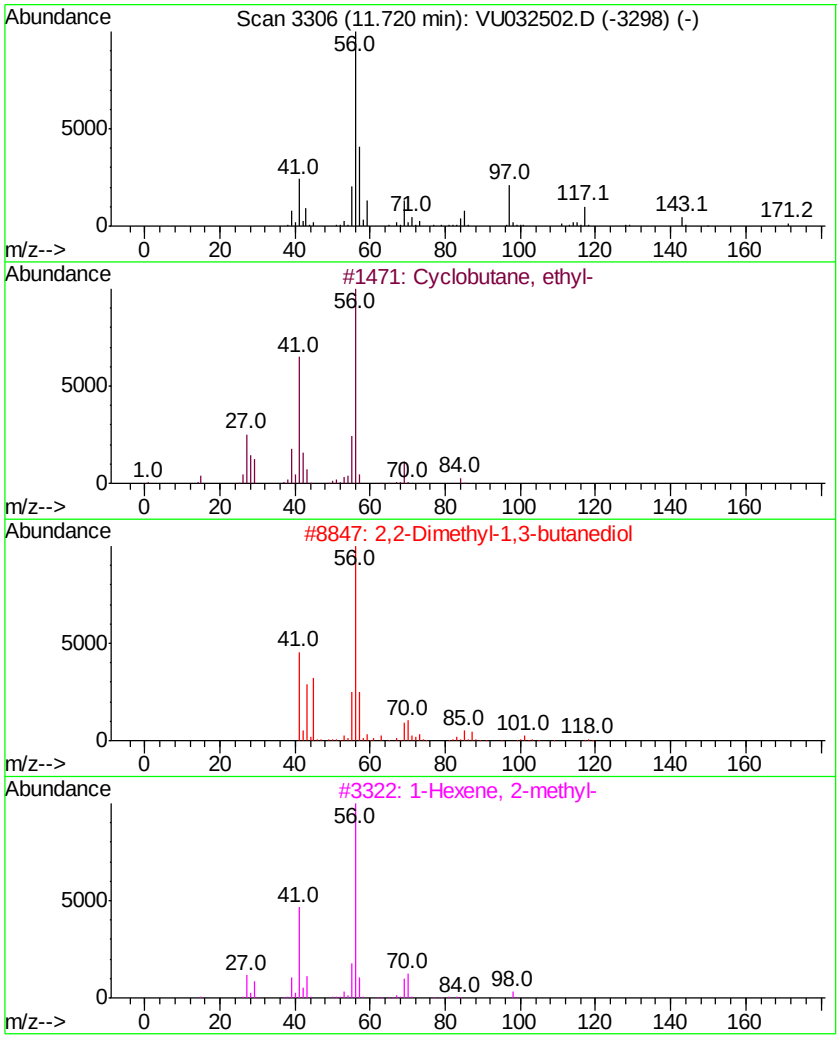
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

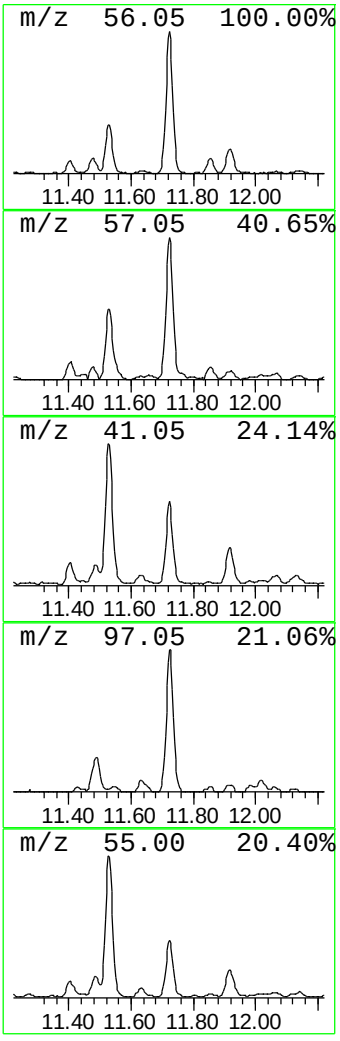
****

Peak Number 6 (DEL) Alkane: Cyclic11.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	11.81 ug/L	145492	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
2	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	33
3	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	28
4	n-Pentanol, 3-methyl-5-[1-cycloa...	143	C8H17NO	1000251-59-9	28
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

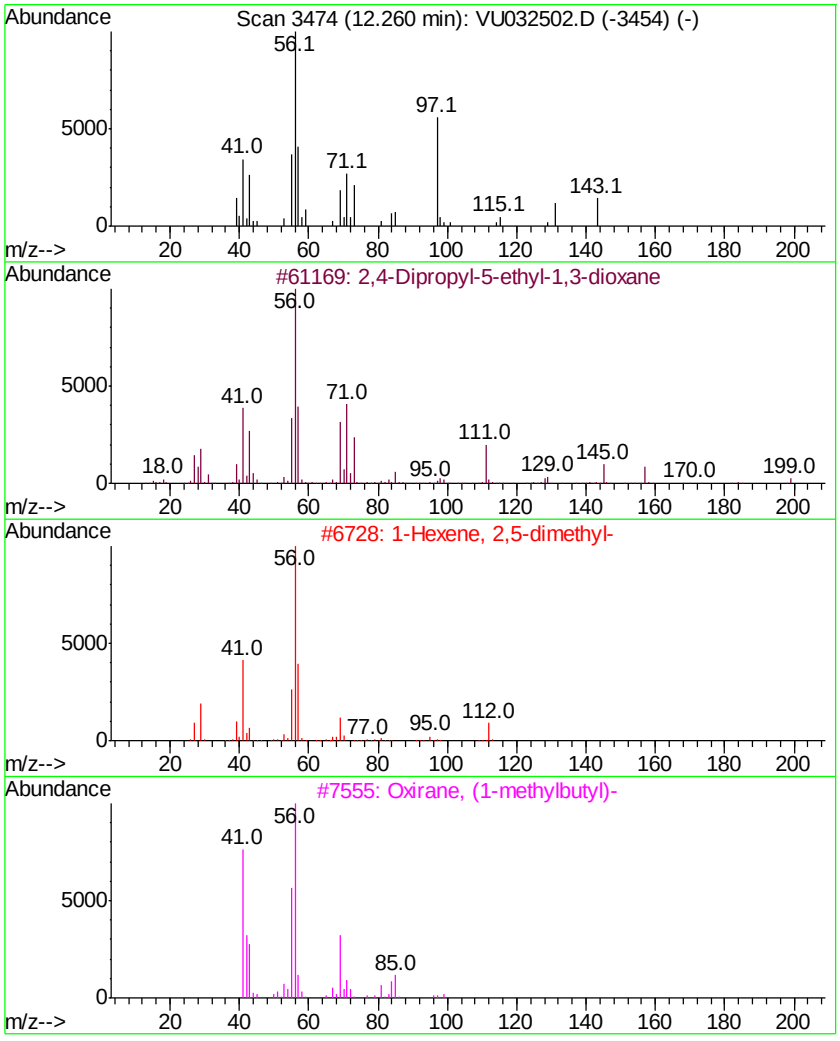
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

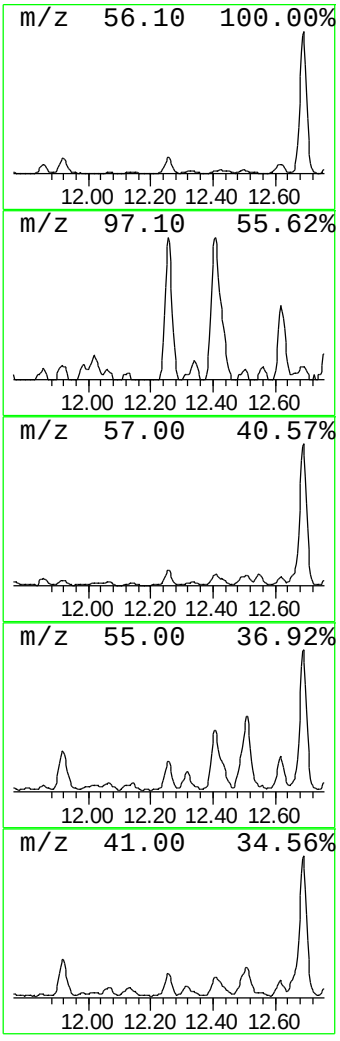
****

Peak Number 7 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.76 ug/L	46388	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27
3	Oxirane, (1-methylbutyl)-	114	C7H14O	053229-39-3	25
4	Cyclohexane	84	C6H12	000110-82-7	16
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	16





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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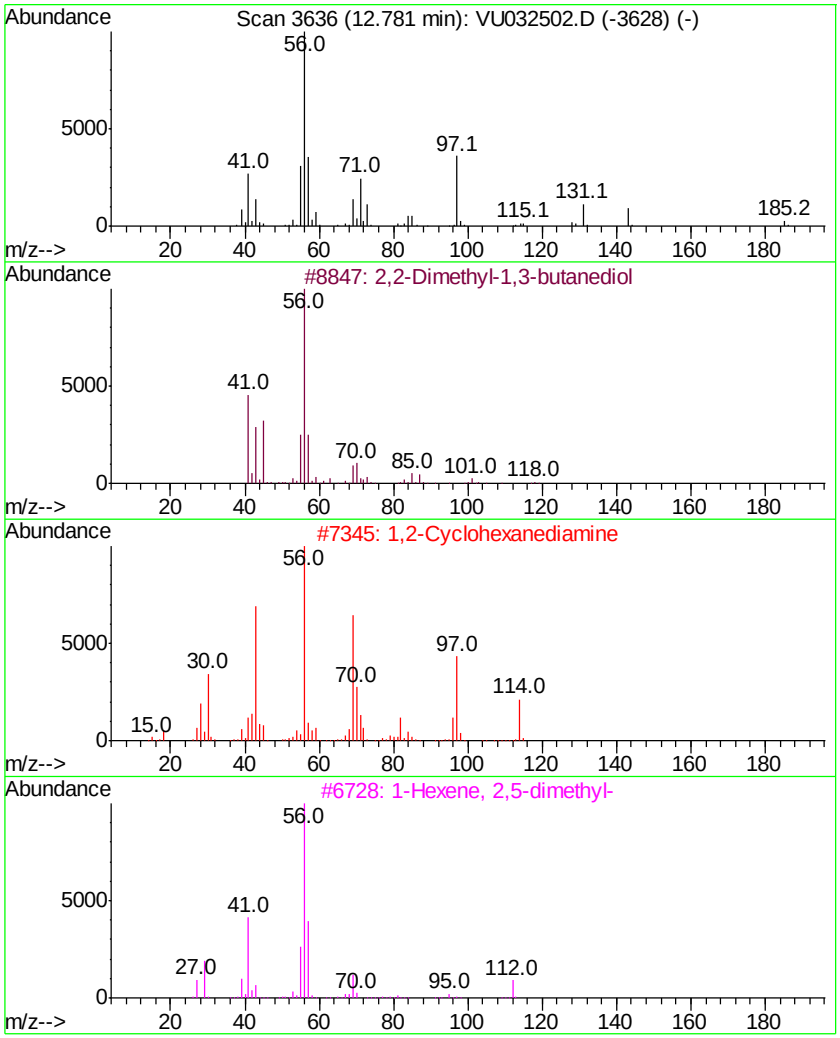
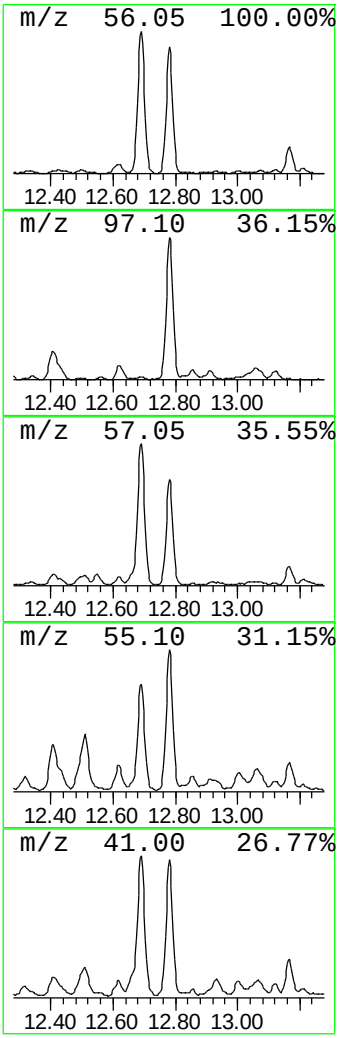
Peak Number 8 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	19.69 ug/L	242669	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	37
2	1,2-Cyclohexanediamine	114	C6H14N2	000694-83-7	33
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	32
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	32
5	2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	23





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Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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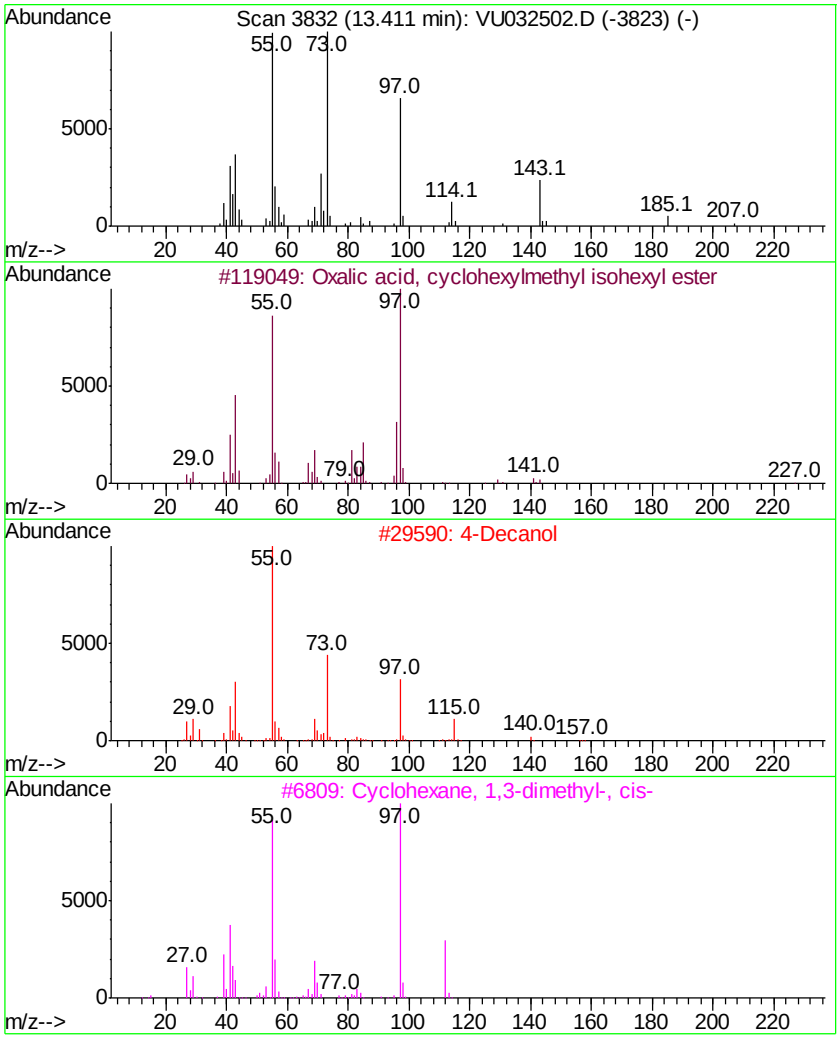
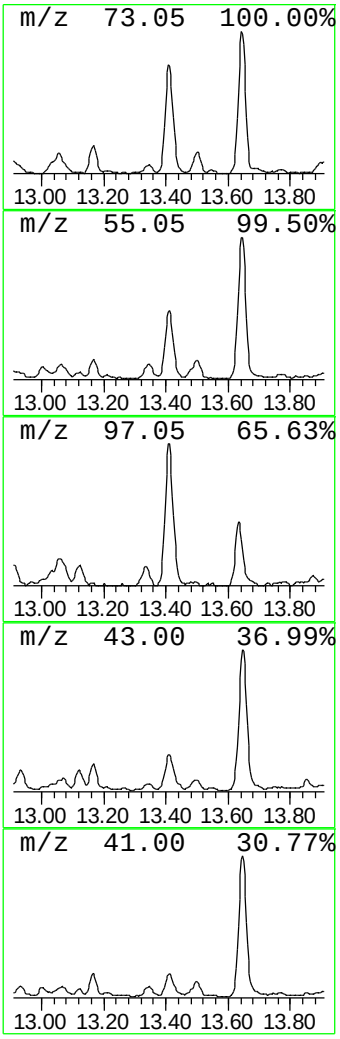
Peak Number 9 unknown-05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	7.61 ug/L	93733	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	47
2	4-Decanol	158	C10H22O	002051-31-2	47
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
5	4-Tetradecanol	214	C14H30O	001653-33-4	38





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Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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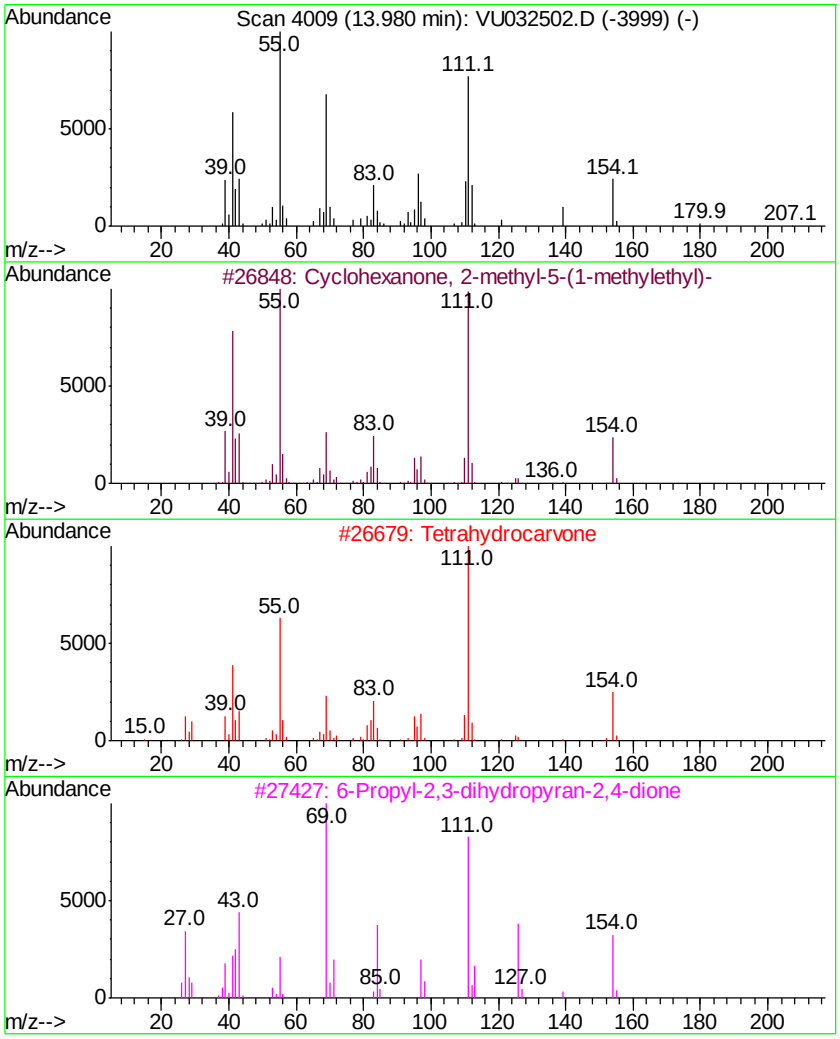
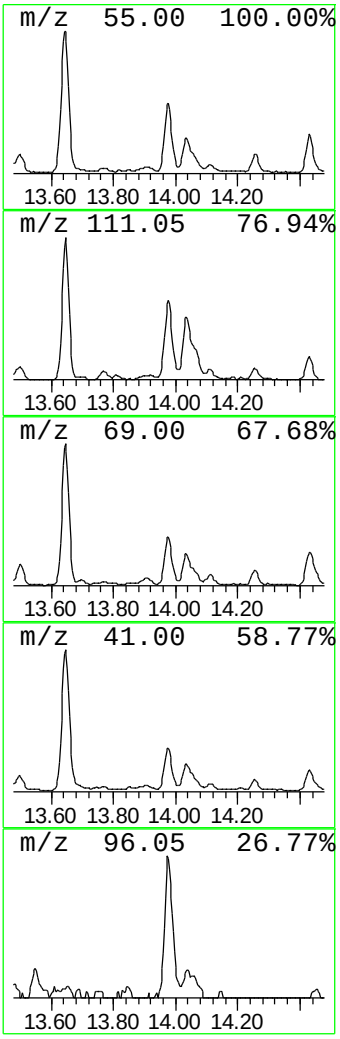
Peak Number 11 Cyclohexanone, 2-methyl-5-(... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	8.07 ug/L	99423	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	91
2	Tetrahydrocarvone	154	C10H18O	000499-70-7	49
3	6-Propyl-2,3-dihydropyran-2,4-dione	154	C8H10O3	005698-53-3	38
4	4-Octene, (Z)-	112	C8H16	007642-15-1	30
5	Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	25





Library Search Compound Report

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Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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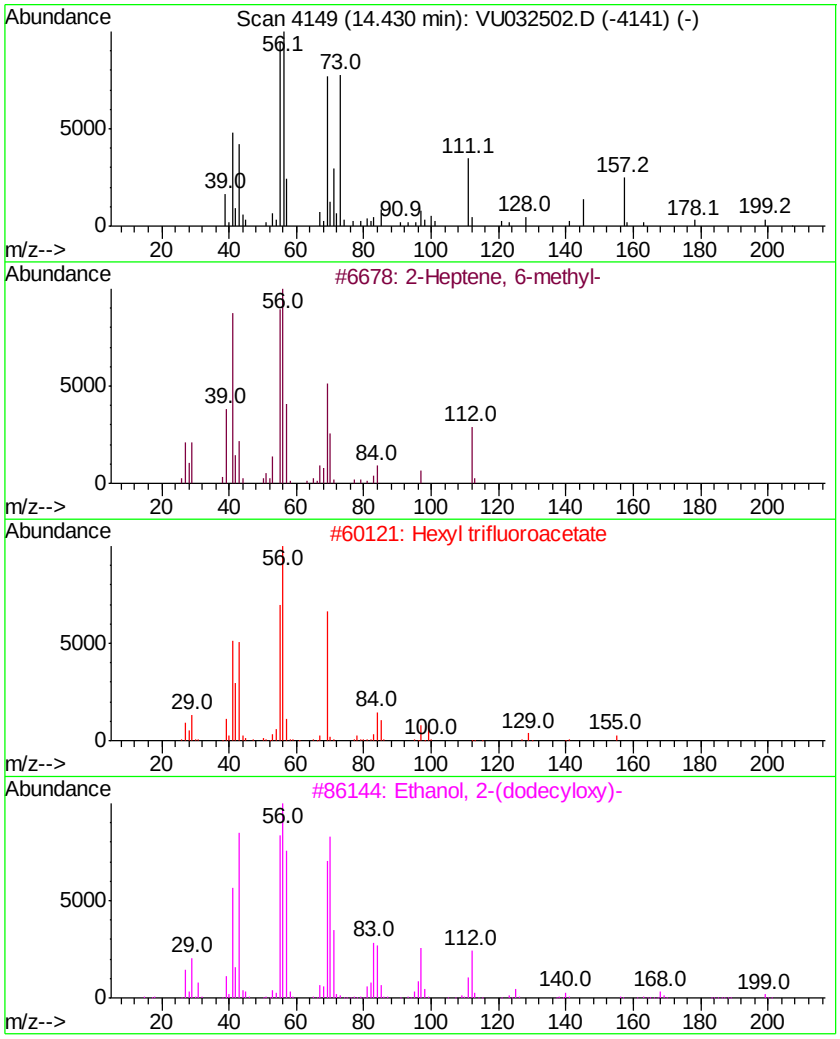
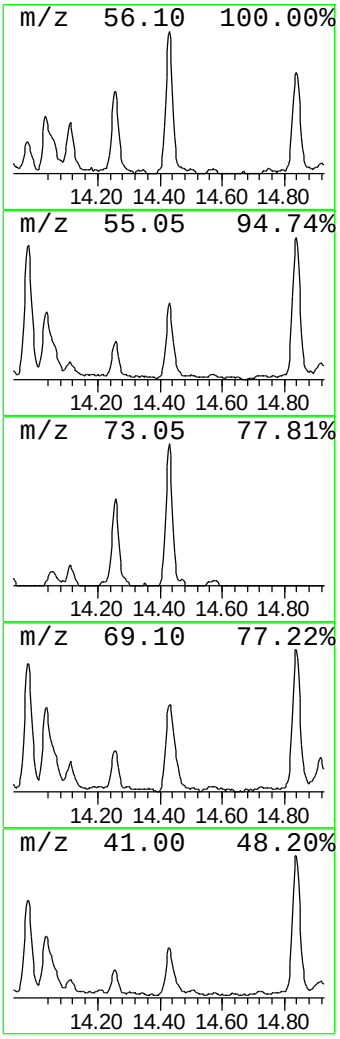
Peak Number 12 (DEL) Alkane: Cyclic14.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	5.85 ug/L	72098	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	50
2	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	50
3	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	45
4	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	40
5	Neopentyl glycol	104	C5H12O2	000126-30-7	35





Library Search Compound Report

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Data File : VU032502.D
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Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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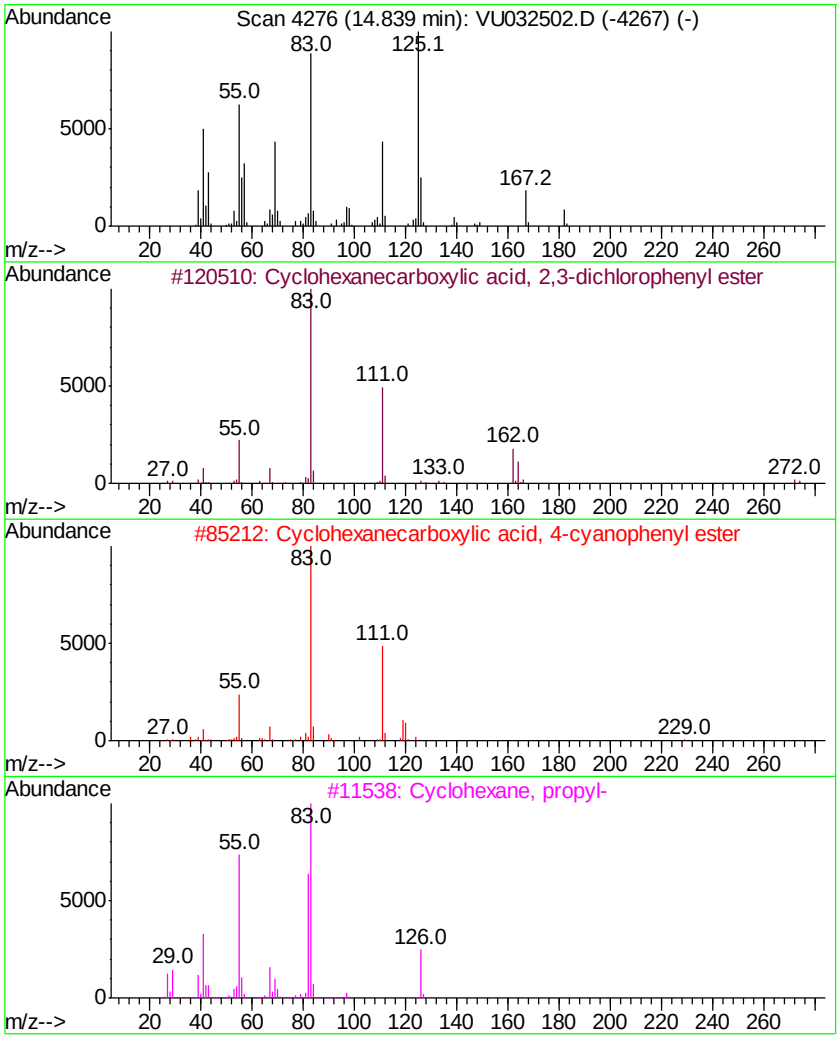
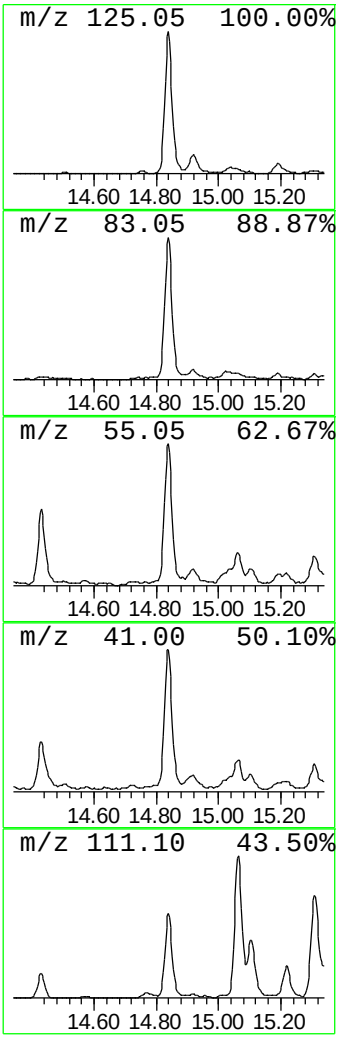
Peak Number 13 unknown-06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	14.95 ug/L	184223	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 2,3-...	272	C13H14Cl2O2	1000330-88-3	35
2	Cyclohexanecarboxylic acid, 4-cy...	229	C14H15NO2	1000307-70-6	35
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	30
4	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	30
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\
Data File : VU032502.D
Acq On : 06 Jun 2019 17:20
Operator : JC/SP
Sample : K3213-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8K2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanal, 2-methyl-	3.18	3.4	ug/L	32961	1	5.88	483861	50.0
Butanal	3.98	28.6	ug/L	276861	1	5.88	483861	50.0
unknown-01	9.37	6.7	ug/L	81081	2	9.09	602608	50.0
unknown-02	11.40	3.5	ug/L	43358	3	11.48	616124	50.0
(DEL) Alkane: Cyc...	11.72	11.8	ug/L	145492	3	11.48	616124	50.0
unknown-03	12.26	3.8	ug/L	46388	3	11.48	616124	50.0
unknown-04	12.78	19.7	ug/L	242669	3	11.48	616124	50.0
unknown-05	13.41	7.6	ug/L	93733	3	11.48	616124	50.0
Cyclohexanone, 2-...	13.98	8.1	ug/L	99423	3	11.48	616124	50.0
(DEL) Alkane: Cyc...	14.43	5.8	ug/L	72098	3	11.48	616124	50.0
unknown-06	14.84	14.9	ug/L	184223	3	11.48	616124	50.0