LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.610	76	84	94	rVB2	147408	168050	10.54%	0.883%
2	1.929	175	183	196	rBV	92149	120298	7.55%	0.632%
3	2.006	199	207	217	rVB	72339	94300	5.92%	0.495%
4	2.208	265	270	284	rVB3	20088	32824	2.06%	0.172%
5	2.478	346	354	369	rVB2	14891	25272	1.59%	0.133%
6	2.584	374	387	407	rBV	213541	357879	22.45%	1.880%
7	3.073	520	539	544	rBV7	16295	45273	2.84%	0.238%
8	3.160	556	566	574	rBV	31747	60409	3.79%	0.317%
9	3.218	575	584	600	rVB	30816	69473	4.36%	0.365%
10	3.388	621	637	653	rVB5	12949	30698	1.93%	0.161%
11	4.565	987	1003	1019	rBV3	26758	62745	3.94%	0.330%
12	4.678	1019	1038	1076	rBV	186825	614552	38.56%	3.229%
13	5.099	1152	1169	1197	rBV	203972	451896	28.35%	2.374%
14	5.417	1255	1268	1282	rBV4	36486	81123	5.09%	0.426%
15	5.668	1321	1346	1356	rBV5	32954	81816	5.13%	0.430%
16	5.758	1356	1374	1380	rVV2	401744	1013394	63.58%	5.324%
17	5.806	1381	1389	1407	rVB	797516	1593771	100.00%	8.373%
18	5.925	1420	1426	1443	rVB7	12280	28235	1.77%	0.148%
19	6.051	1459	1465	1481	rVB2	13873	26887	1.69%	0.141%
20	6.279	1520	1536	1557	rBV	425560	828976	52.01%	4.355%
21	6.719	1660	1673	1701	rBV2	256018	572945	35.95%	3.010%
22	6.890	1717	1726	1739	rVB3	14542	28068	1.76%	0.147%
23	7.099	1773	1791	1805	rBV2	54894	111896	7.02%	0.588%
24	7.259	1829	1841	1859	rVB5	57969	119708	7.51%	0.629%
25	7.497	1905	1915	1926	rVV3	18246	34317	2.15%	0.180%
26	7.591	1929	1944	1974	rBV	140552	324501	20.36%	1.705%
27	7.784	1991	2004	2018	rBV9	9852	25412	1.59%	0.134%
28	7.919	2024	2046	2060	rBV	521701	1023128	64.20%	5.375%
29	7.989	2062	2068	2080	rVV2	50042	93983	5.90%	0.494%
30	8.060	2080	2090	2101	rVV	54179	103811	6.51%	0.545%
31	8.121	2102	2109	2119	rVB2	17916	32484	2.04%	0.171%
32	8.202	2119	2134	2143	rBV	91397	161313	10.12%	0.847%
33	8.263	2143	2153	2173	rVB3	132850	257268	16.14%	1.352%
34	8.388	2176	2192	2197	rBV6	19071	41661	2.61%	0.219%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

35	8.430	2197	2205	2216	rVV2	50732	89486	5.61%	0.470%
36	8.491	2219	2224	2236	rVB4	14505	25541	1.60%	0.134%
37	8.668	2256	2279	2308	rBV	673102	1584908	99.44%	8.327%
38	8.829	2318	2329	2341	rVB7	27923	60533	3.80%	0.318%
39	8.944	2354	2365	2376	rBV2	73133	140461	8.81%	0.738%
40	9.089	2399	2410	2427	rVB6	33649	63548	3.99%	0.334%
41	9.182	2427	2439	2454	rBV3	30070	56899	3.57%	0.299%
42	9.282	2458	2470	2479	rBV2	21724	42020	2.64%	0.221%
43	9.436	2506	2518	2529	rBV	621193	1073189	67.34%	5.638%
44	9.481	2529	2532	2542	rVV2	51887	81191	5.09%	0.427%
45	9.546	2544	2552	2557	rVV7	23273	47440	2.98%	0.249%
46	9.587	2557	2565	2579	rVB	75600	134091	8.41%	0.704%
47	9.713	2587	2604	2617	rVB9	53262	142496	8.94%	0.749%
48	9.845	2634	2645	2653	rBV9	16279	33504	2.10%	0.176%
49	9.902	2653	2663	2677	rVB8	15938	38487	2.41%	0.202%
50	10.047	2693	2708	2725	rBV8	37149	129756	8.14%	0.682%
51	10.250	2758	2771	2776	rBV8	14370	26112	1.64%	0.137%
52	10.288	2777	2783	2799	rVB7	24964	51546	3.23%	0.271%
53	10.501	2840	2849	2856	rBV	32210	49033	3.08%	0.258%
54	10.542	2856	2862	2869	rVV6	14392	25252	1.58%	0.133%
55	10.774	2923	2934	2945	rVV	222064	372421	23.37%	1.957%
56	10.822	2945	2949	2961	rVB9	20101	32571	2.04%	0.171%
57	10.902	2966	2974	2985	rBV4	25087	44166	2.77%	0.232%
58	11.304	3091	3099	3121	rVB	40060	87174	5.47%	0.458%
59	11.430	3123	3138	3146	rBV6	15147	31283	1.96%	0.164%
60	11.623	3185	3198	3201	rBV	98917	144668	9.08%	0.760%
61	11.655	3201	3208	3227	rVB	403222	645920	40.53%	3.393%
62	11.825	3247	3261	3275	rBV	727383	1161767	72.89%	6.104%
63	12.021	3314	3322	3332	rVB2	20439	31818	2.00%	0.167%
64	12.108	3334	3349	3359	rBV3	75495	121175	7.60%	0.637%
65	12.205	3368	3379	3398	rVB	566039	952079	59.74%	5.002%
66	12.571	3478	3493	3494	rBV6	23029	33690	2.11%	0.177%
67	12.590	3495	3499	3505	rVV	31846	47163	2.96%	0.248%
68	12.626	3505	3510	3523	rVV2	30418	56055	3.52%	0.294%
69	12.697	3523	3532	3539	rVV	67232	114402	7.18%	0.601%
70	12.742	3540	3546	3552	rVV	37143	60941	3.82%	0.320%
71	12.780	3552	3558	3575	rVV4	24258	61710	3.87%	0.324%

LSC Area Percent Report

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Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR053120WMA.M
Title : TRACE VOA SOM01.0

72	12.877	3575	3588	3603	rVV6	29682	71865	4.51%	0.378%
73	12.960	3604	3614	3620	rVV3	39948	67123	4.21%	0.353%
74	13.005	3621	3628	3639	rVV2	41242	66348	4.16%	0.349%
75	13.140	3658	3670	3682	rBV	77767	133709	8.39%	0.702%
76	13.349	3728	3735	3745	rVB2	69299	106428	6.68%	0.559%
77	13.475	3764	3774	3783	rBV5	50919	94926	5.96%	0.499%
78	13.552	3790	3798	3809	rVB4	36978	60339	3.79%	0.317%
79	13.613	3809	3817	3823	rVV4	16761	26296	1.65%	0.138%
80	13.655	3824	3830	3839	rVB2	25115	37571	2.36%	0.197%
81	13.780	3852	3869	3870	rBV9	26544	49806	3.13%	0.262%
82	13.812	3872	3879	3886	rVB4	56935	81656	5.12%	0.429%
83	13.854	3886	3892	3902	rVB2	52934	79055	4.96%	0.415%
84	13.912	3903	3910	3914	rBV	62397	87834	5.51%	0.461%
85	13.973	3921	3929	3939	rVB	292794	476676	29.91%	2.504%
86	14.089	3955	3965	3976	rBV4	35705	68630	4.31%	0.361%
87	14.285	4018	4026	4031	rBV4	27165	43818	2.75%	0.230%
88	14.320	4031	4037	4048	rVV8	36463	70102	4.40%	0.368%
89	14.388	4048	4058	4066	rVV2	34649	64691	4.06%	0.340%
90	14.552	4104	4109	4119	rVB5	18189	25627	1.61%	0.135%
91	14.629	4119	4133	4134	rBV3	22535	31342	1.97%	0.165%
92	14.806	4181	4188	4200	rVB9	19861	34877	2.19%	0.183%
93	14.915	4212	4222	4234	rVB5	68952	133126	8.35%	0.699%
94	15.066	4259	4269	4280	rBV5	38855	74492	4.67%	0.391%
95	15.204	4301	4312	4320	rBV5	32418	64140	4.02%	0.337%
96	15.317	4337	4347	4362	rVB5	68363	138578	8.69%	0.728%
97	15.468	4380	4394	4404	rBV2	51389	102306	6.42%	0.537%
98	16.069	4575	4581	4590	rVB10	15788	25933	1.63%	0.136%
99	16.452	4689	4700	4716	rBV2	39641	71182	4.47%	0.374%
100	16.587	4730	4742	4755	rBV6	14666	32708	2.05%	0.172%

Sum of corrected areas: 19034046

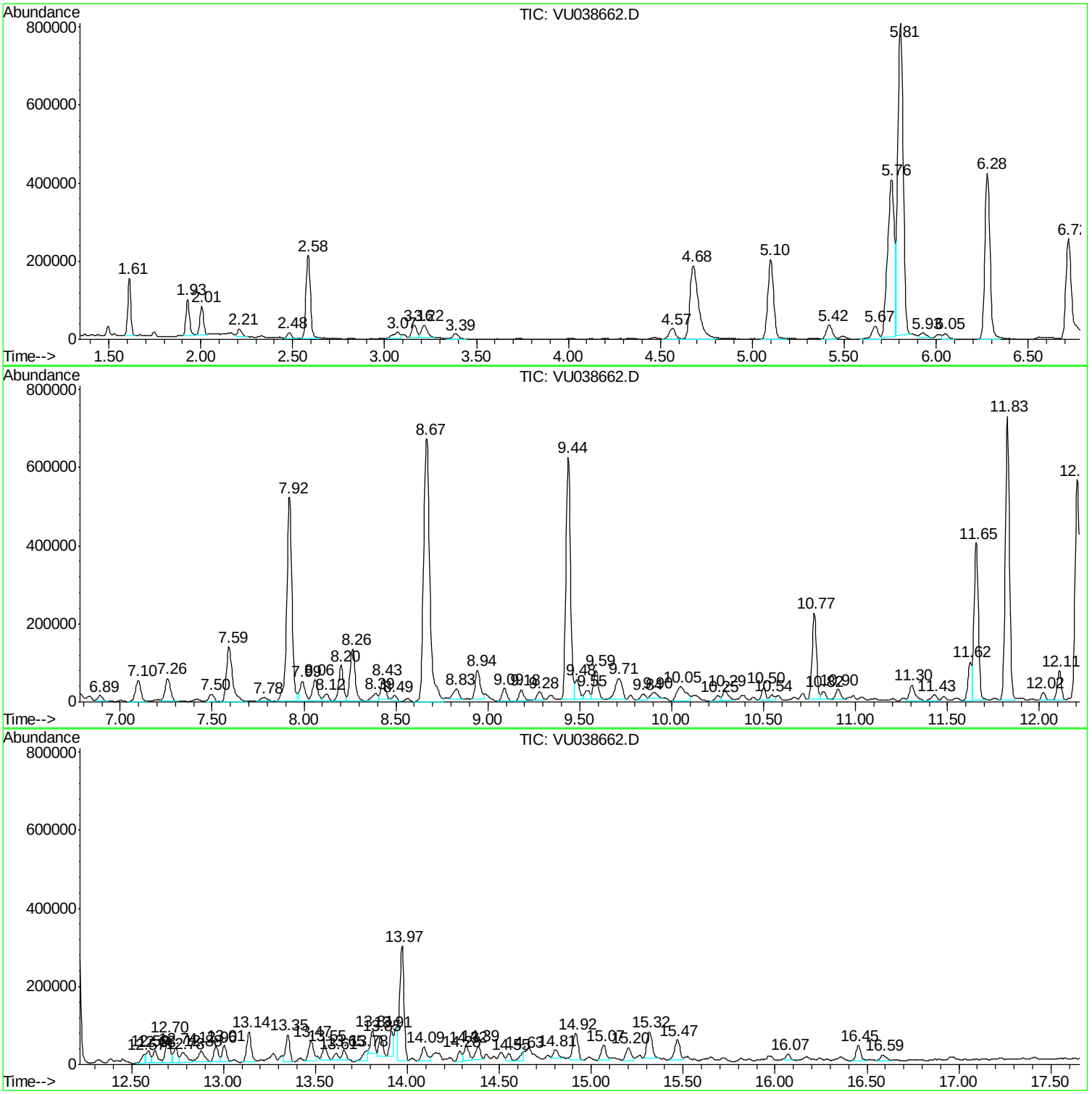
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

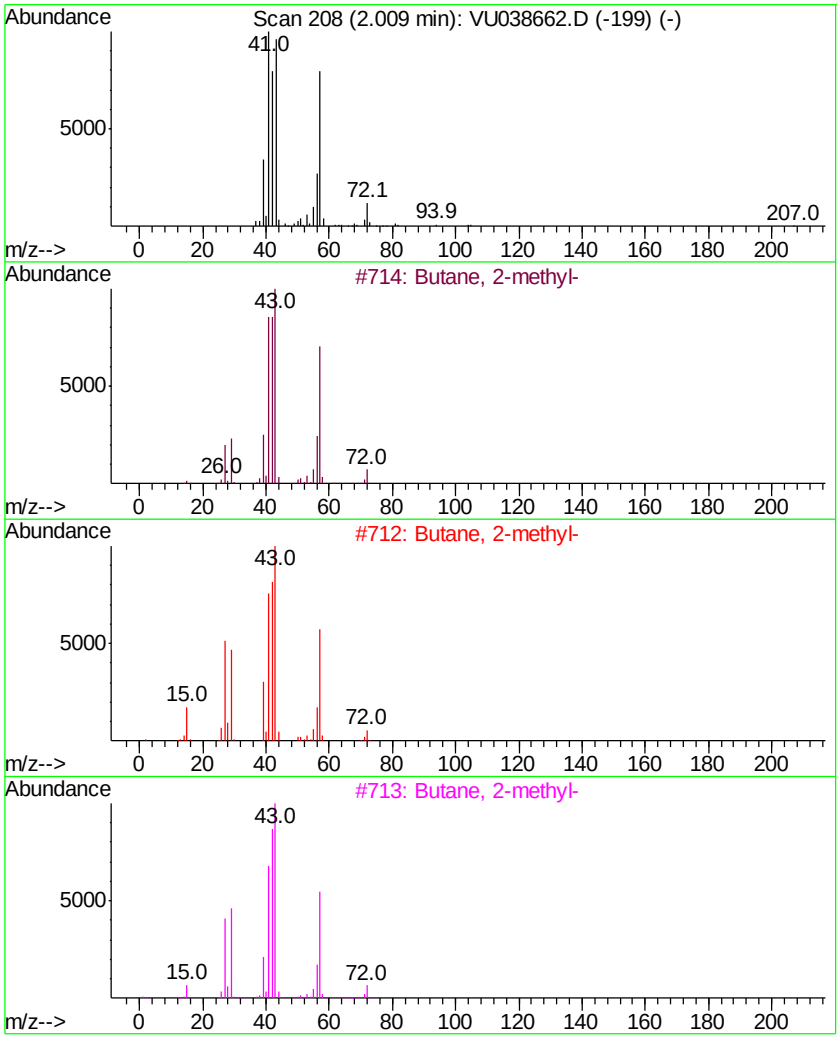
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

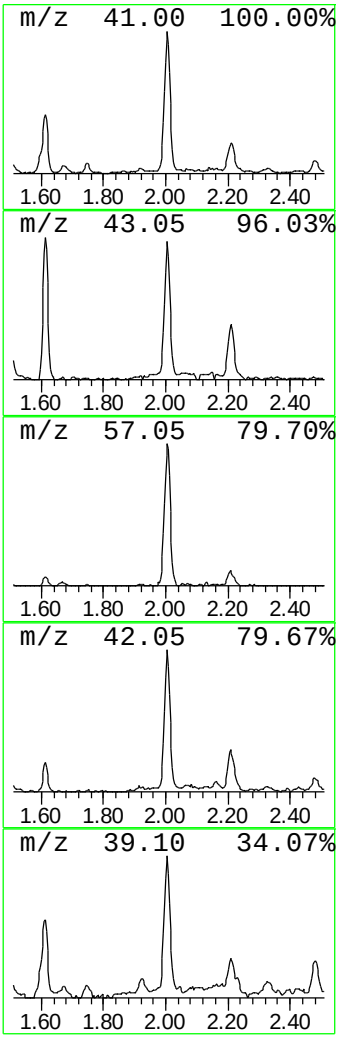
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	0.57 ug/L	94300	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	83
3	Butane, 2-methyl-	72	C5H12	000078-78-4	64
4	Pentane	72	C5H12	000109-66-0	59
5	Pentane	72	C5H12	000109-66-0	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

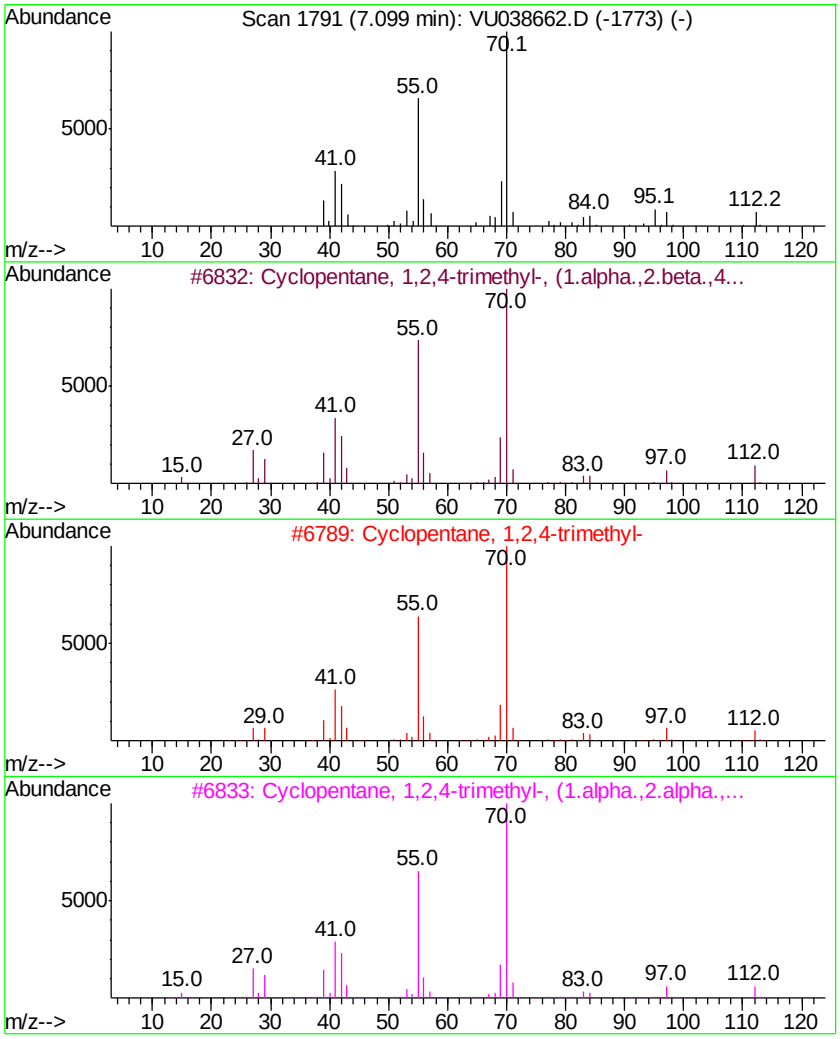
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

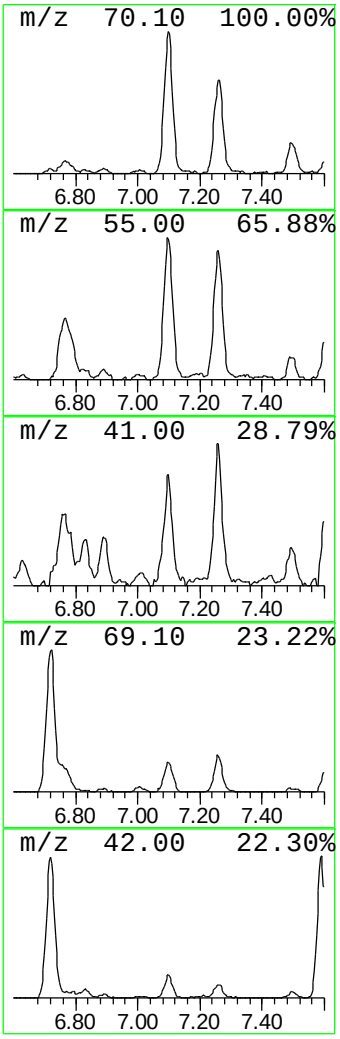
****

Peak Number 2 (DEL) Alkane: Cyclic7.10 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	0.67 ug/L	111896	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	93
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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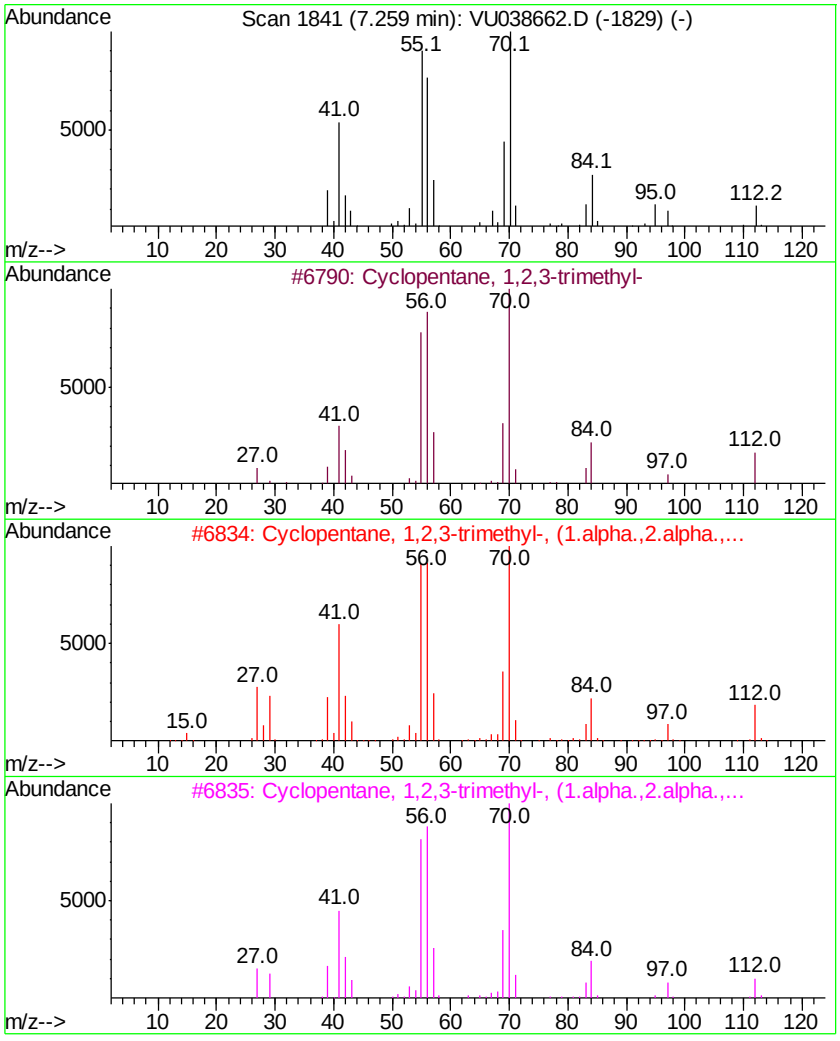
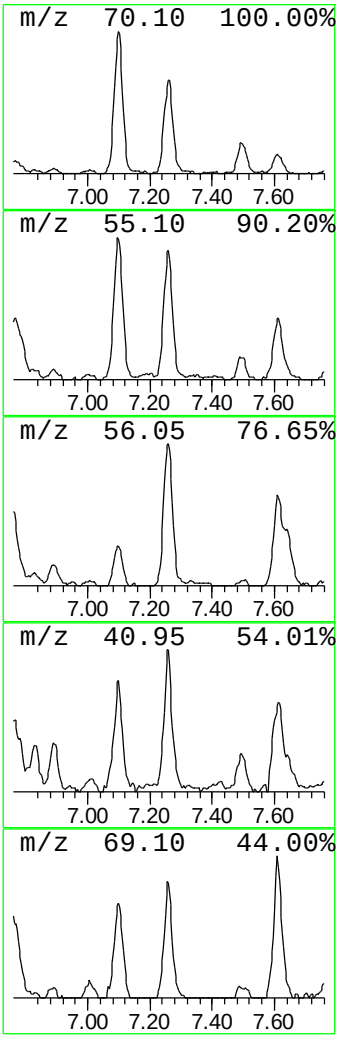
Peak Number 3 (DEL) Alkane: Cyclic7.26 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	0.72 ug/L	119708	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
4	3-Octene, (E)-	112	C8H16	014919-01-8	72
5	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

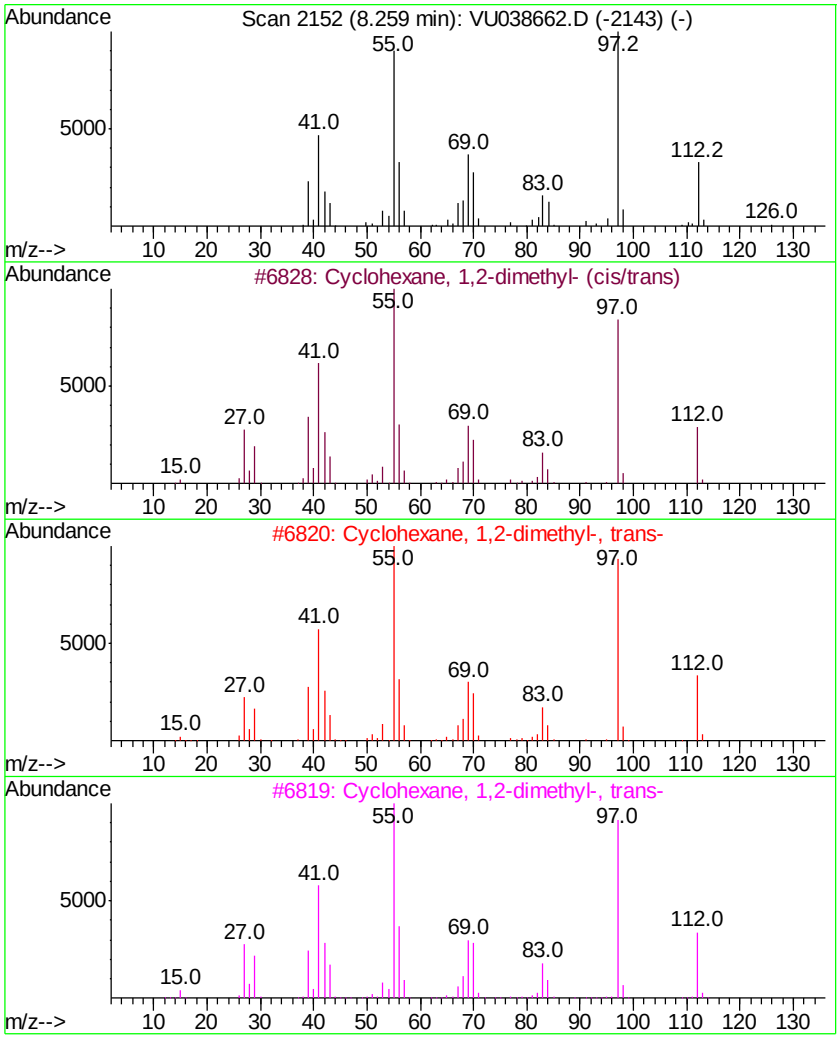
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

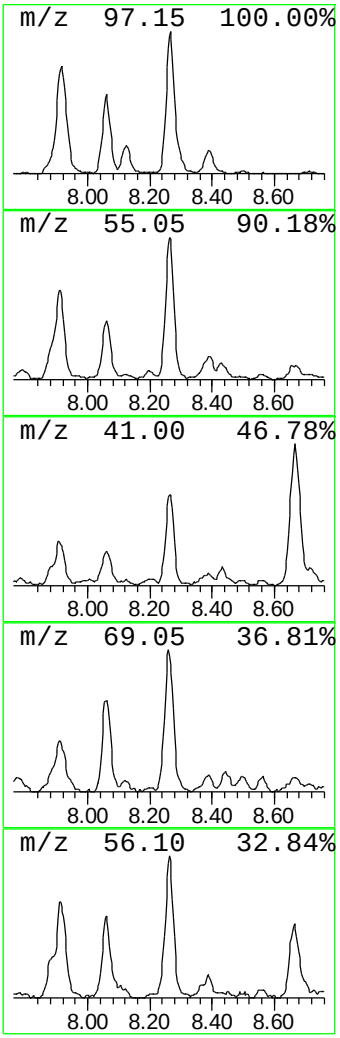
****

Peak Number 5 (DEL) Alkane: Cyclic8.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	1.20 ug/L	257268	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	96
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

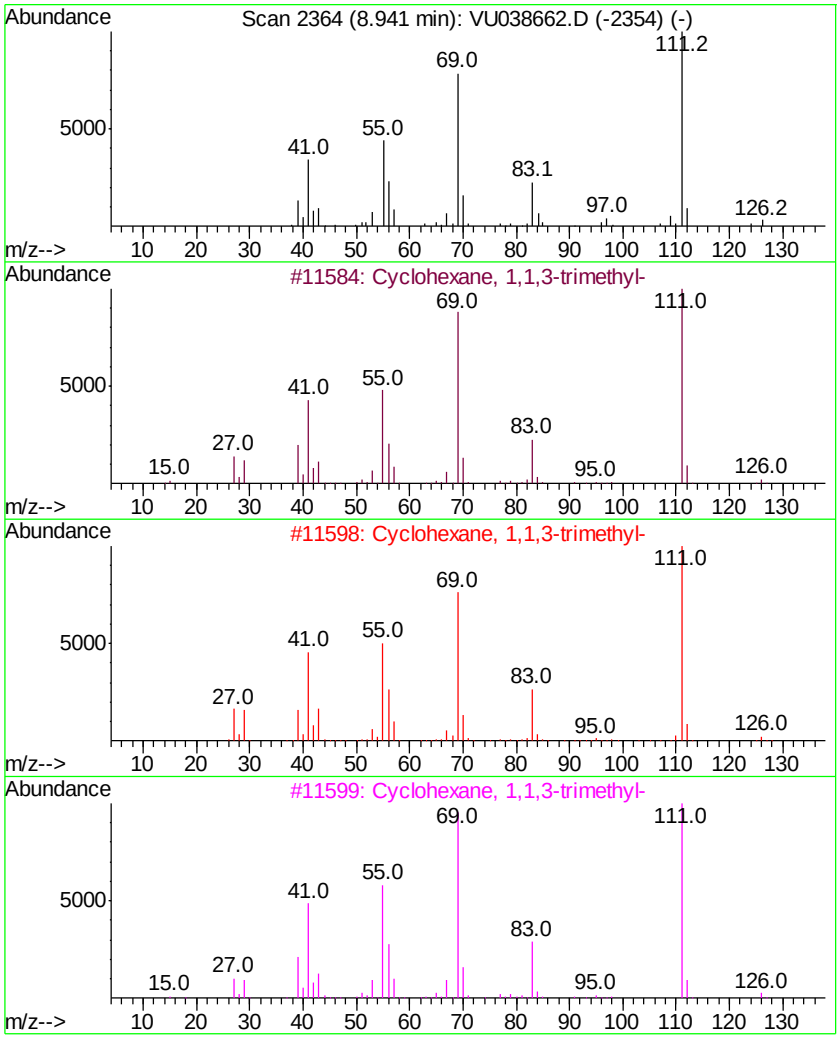
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

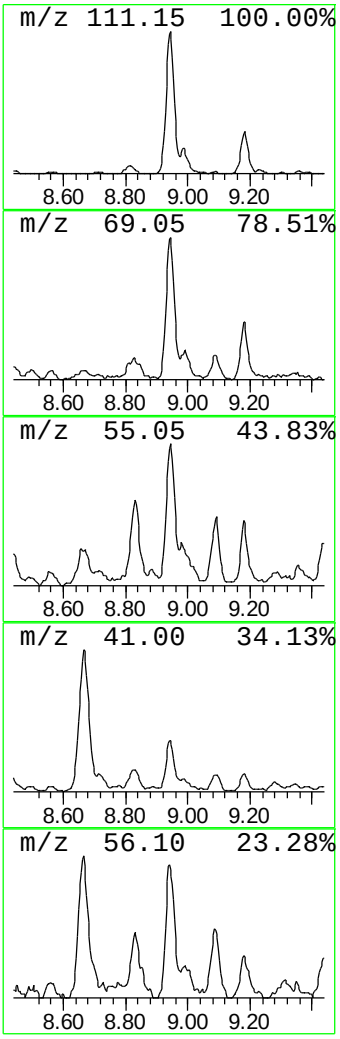
****

Peak Number 6 (DEL) Alkane: Cyclic8.94 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	0.65 ug/L	140461	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

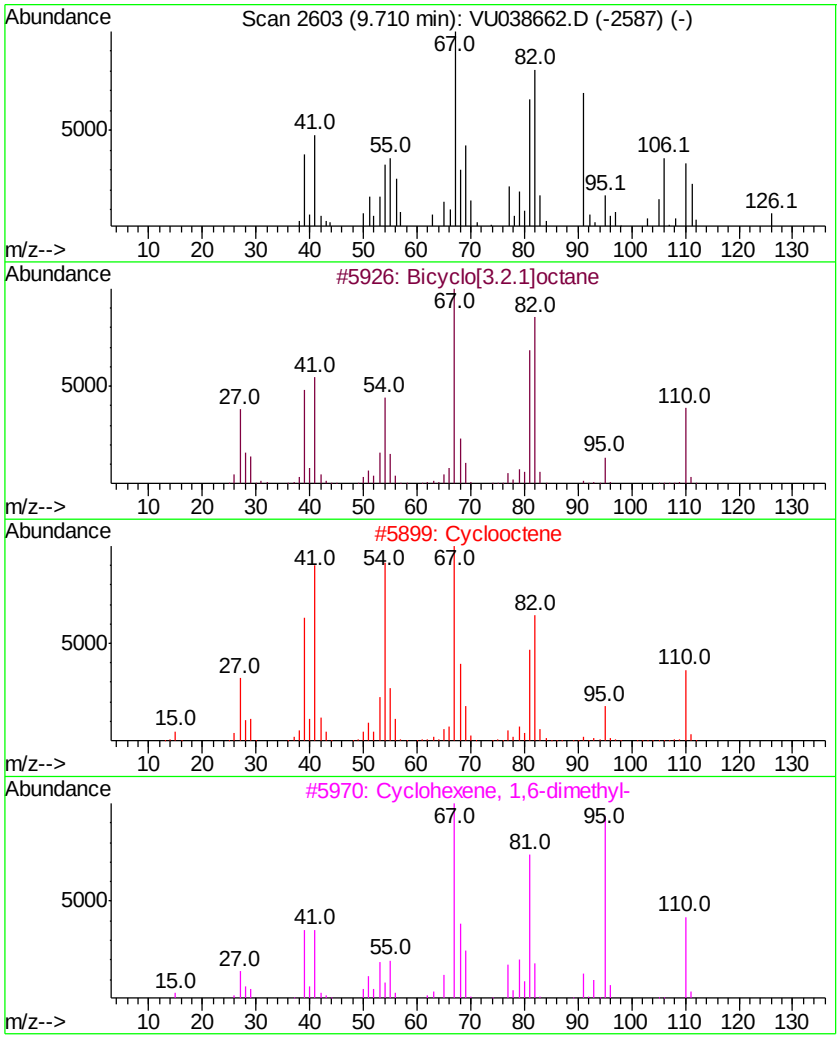
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

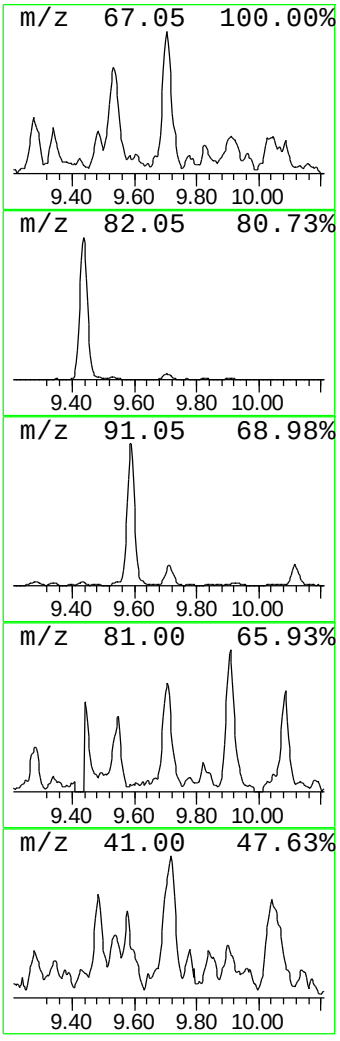
****

Peak Number 7 Bicyclo[3.2.1]octane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	0.66 ug/L	142496	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	55
2	Cyclooctene	110	C8H14	000931-88-4	41
3	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	38
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	38
5	3-Hexyne	82	C6H10	000928-49-4	38





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Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

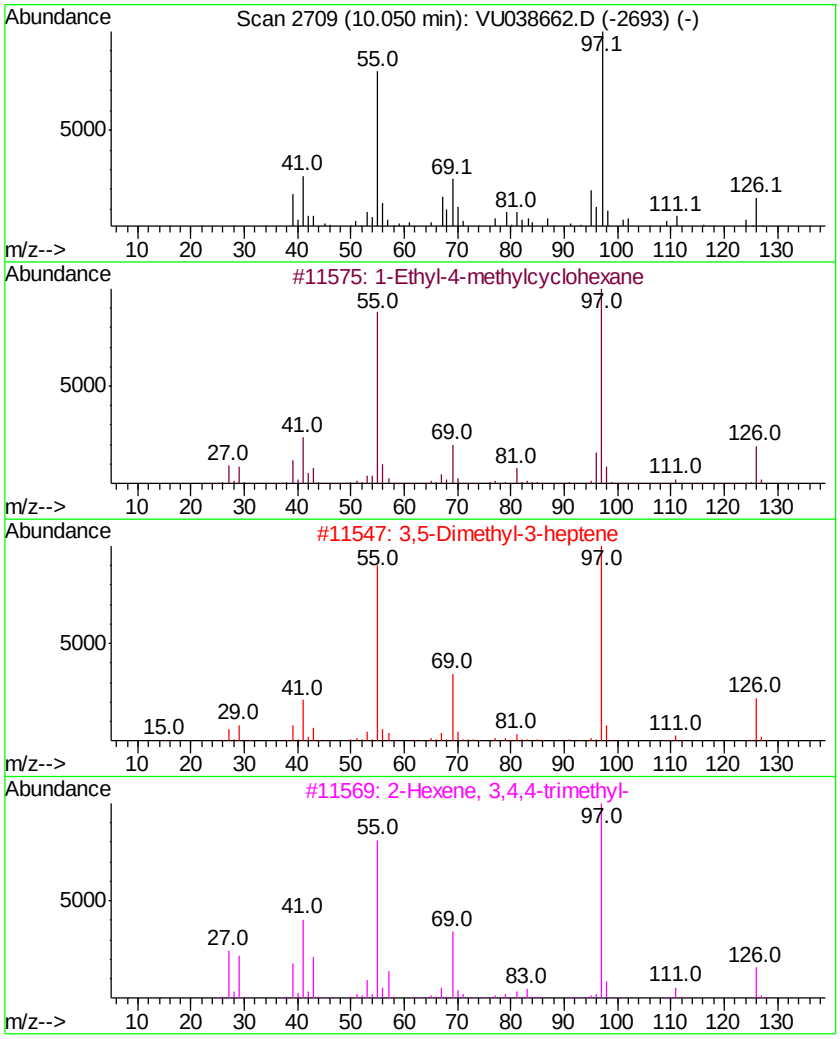
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

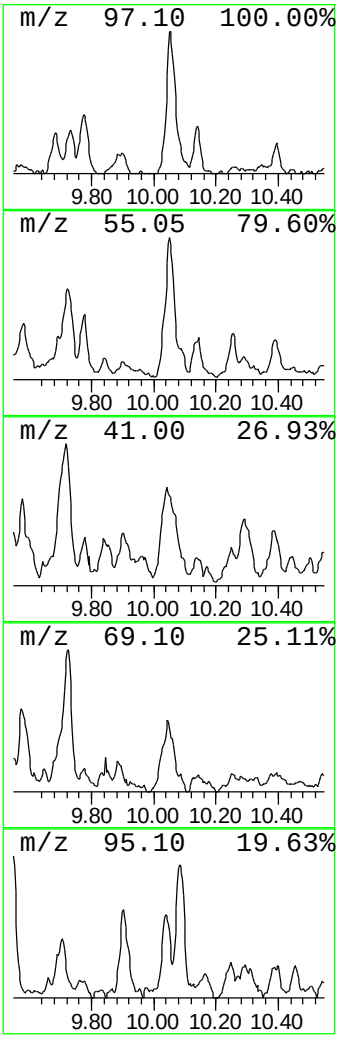
****

Peak Number 8 (DEL) Alkane: Cyclic10.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	0.60 ug/L	129756	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	52
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

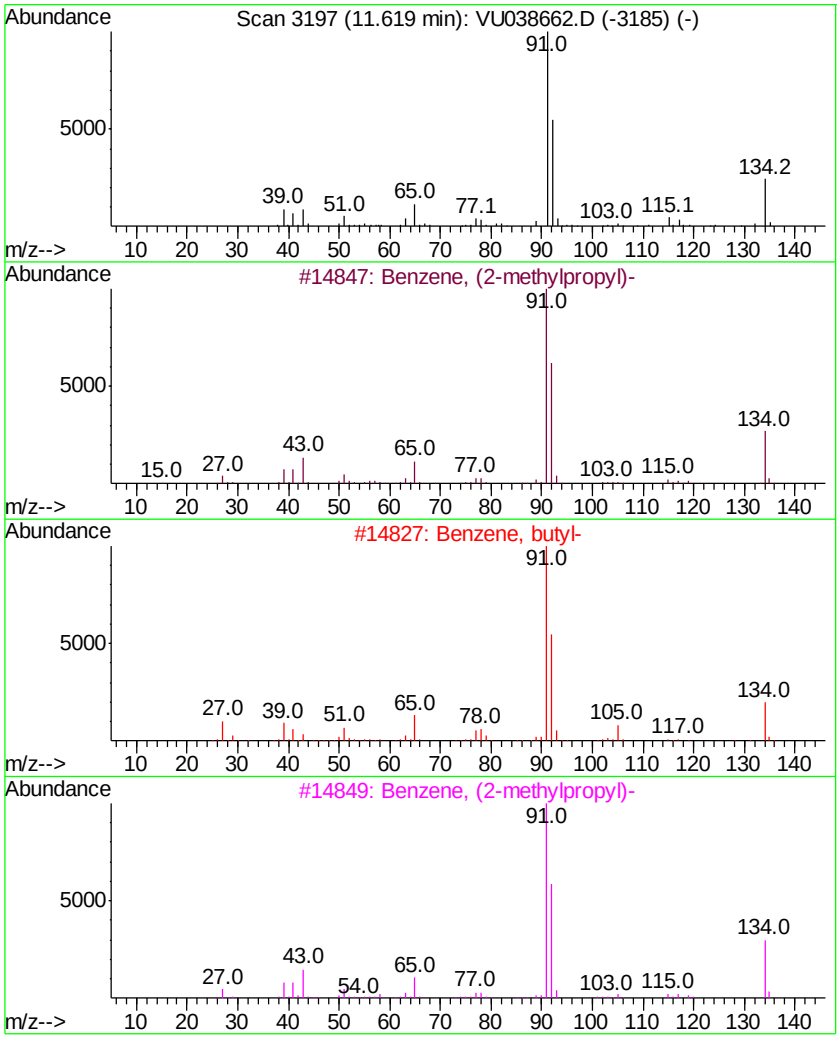
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

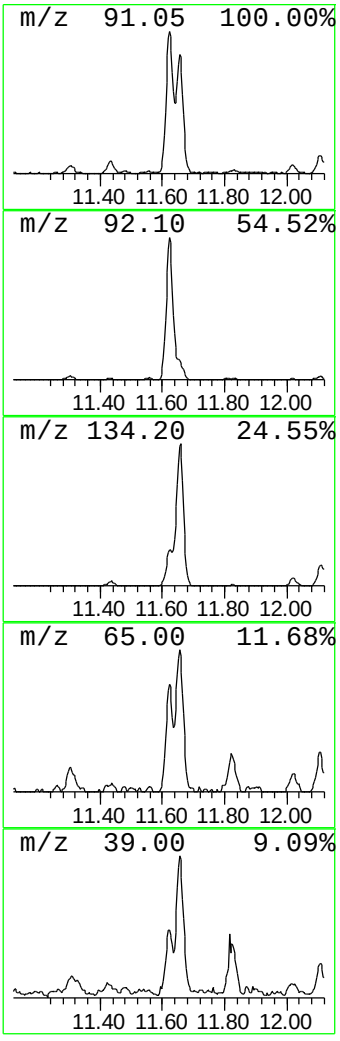
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (2-methylpropyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.62 ug/L	144668	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, butyl-	134	C10H14	000104-51-8	80
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	72
4	Benzene, butyl-	134	C10H14	000104-51-8	64
5	Benzene, butyl-	134	C10H14	000104-51-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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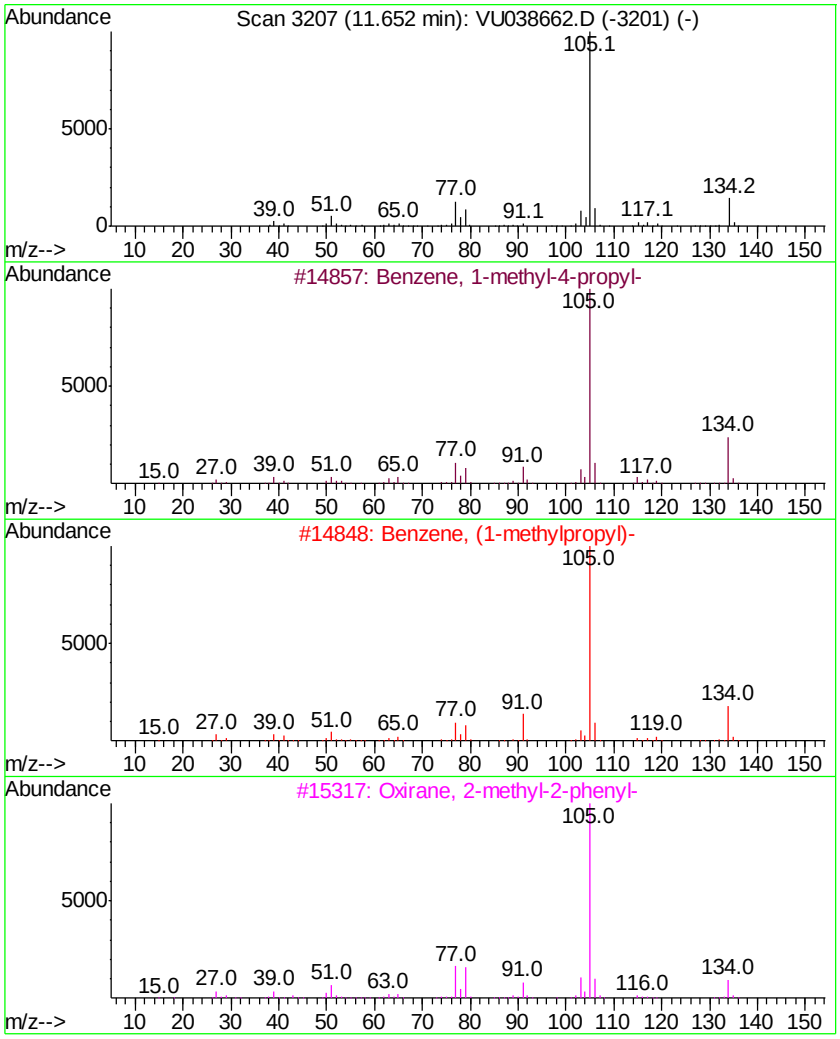
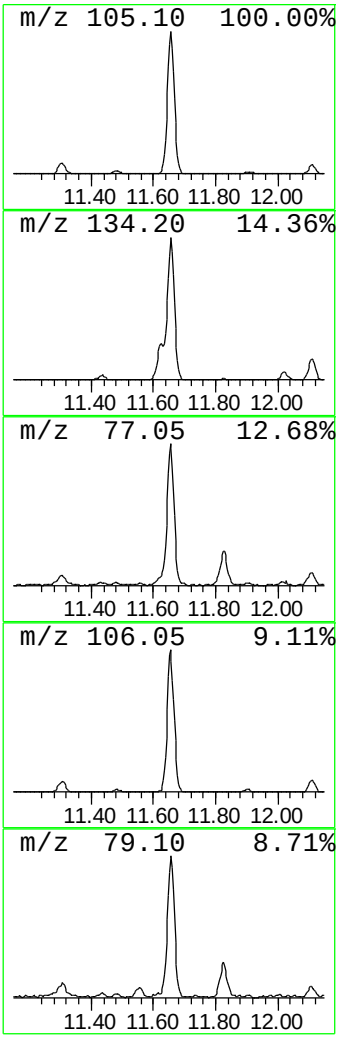
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.78 ug/L	645920	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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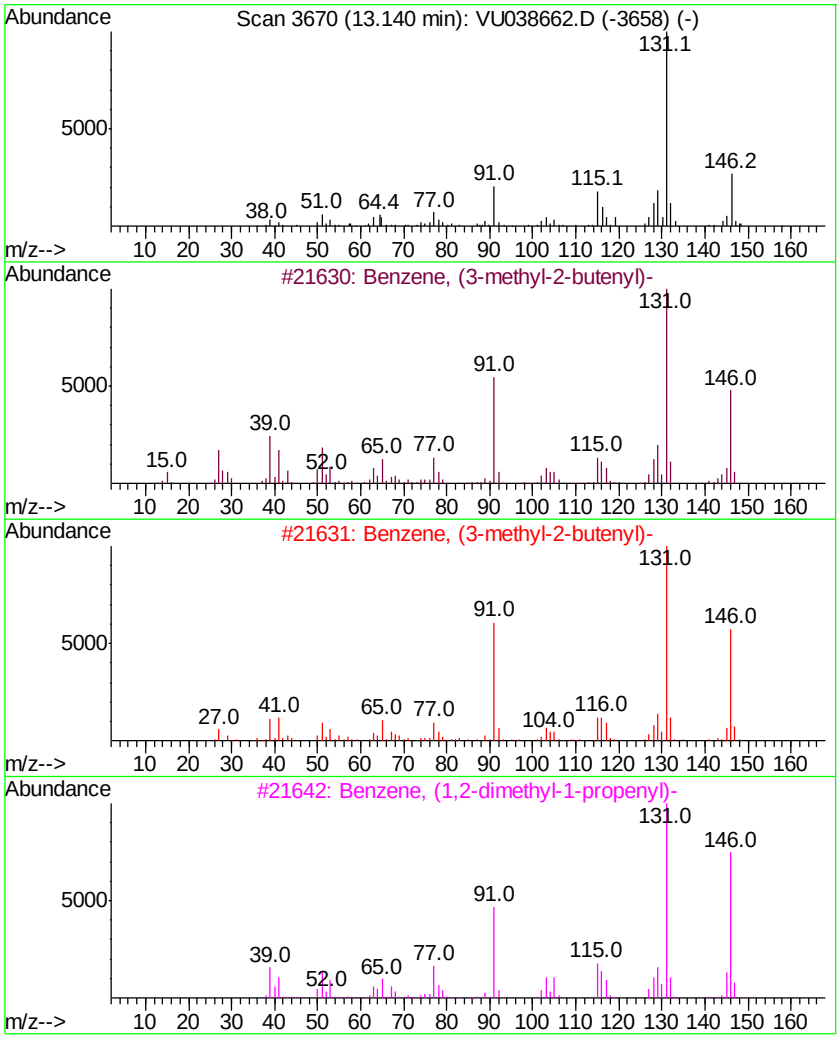
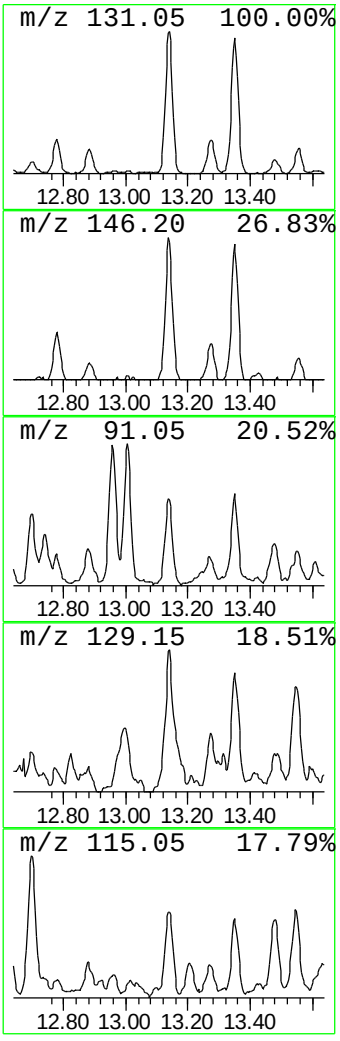
Peak Number 12 Benzene, (3-methyl-2-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	0.58 ug/L	133709	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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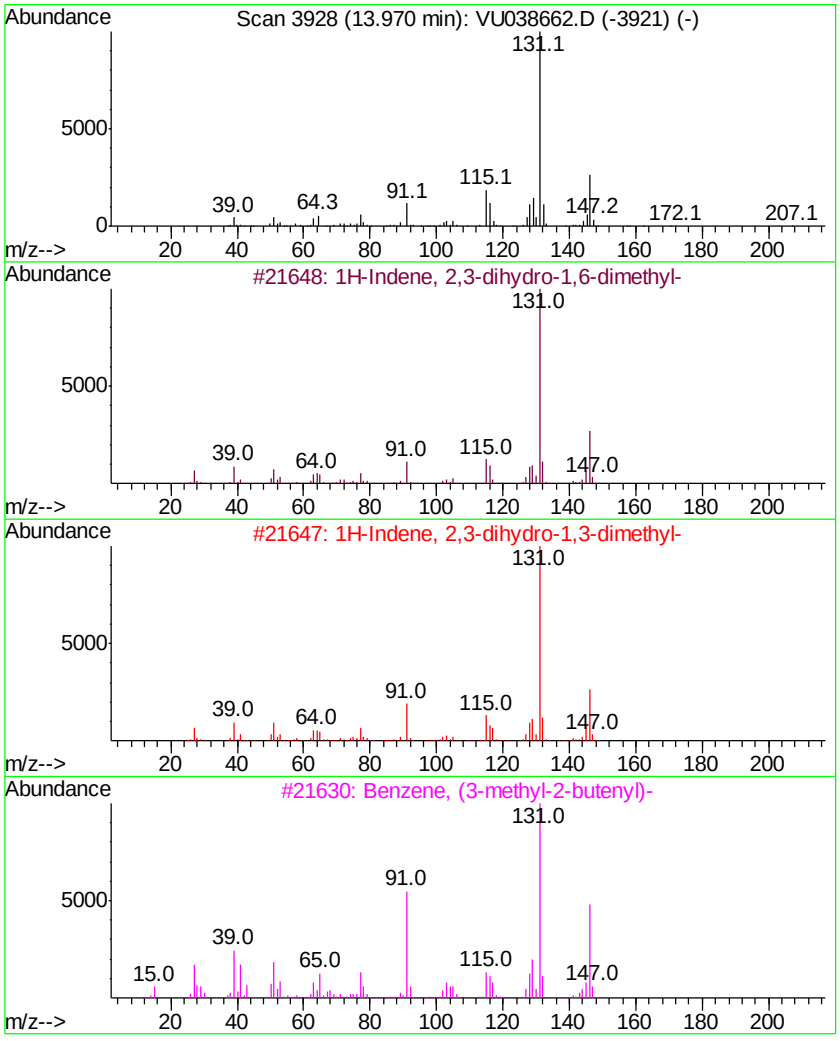
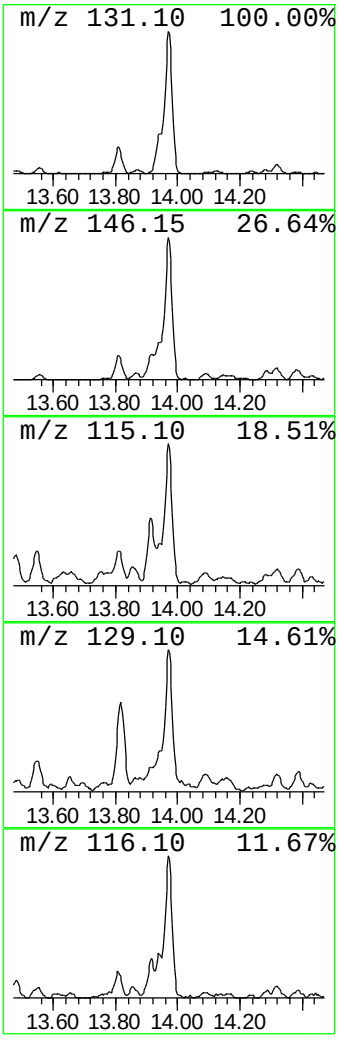
Peak Number 13 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.05 ug/L	476676	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	96
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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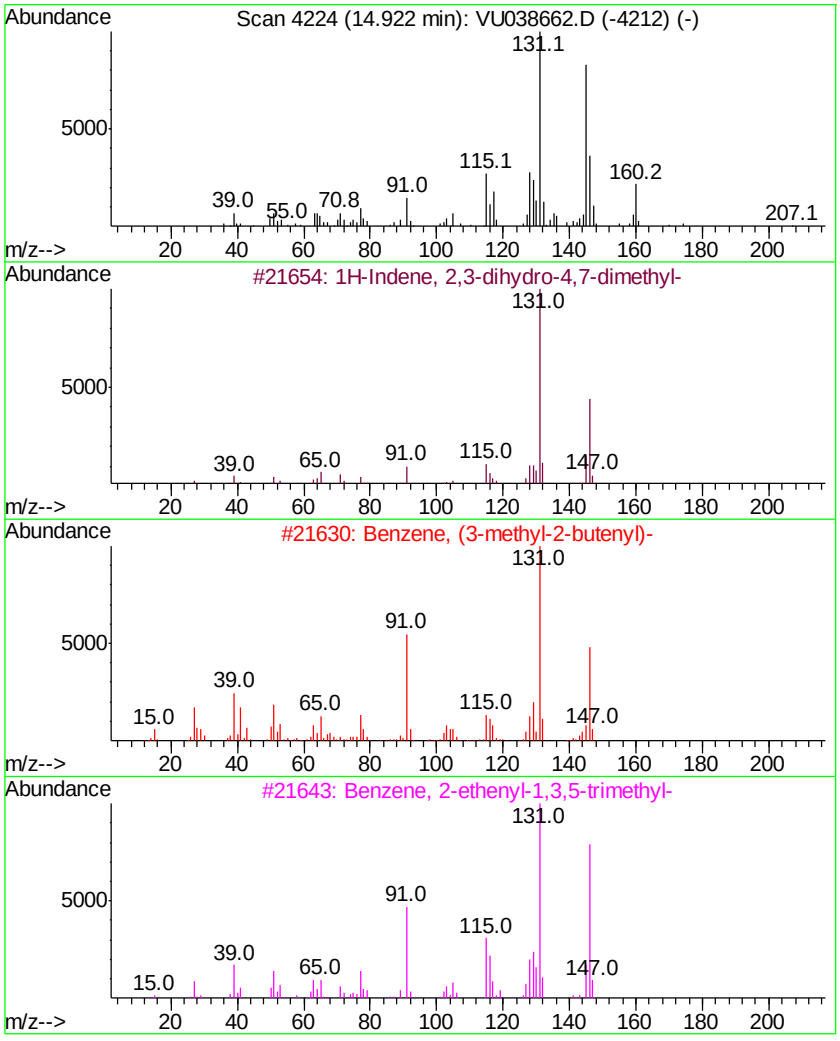
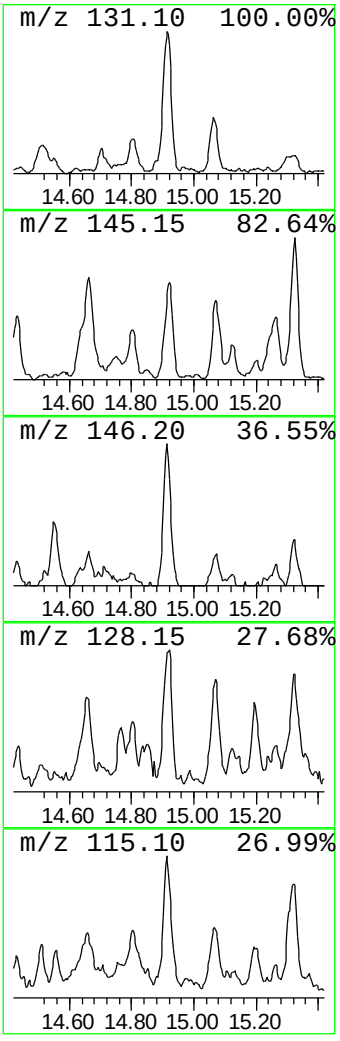
Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	0.57 ug/L	133126	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	58
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

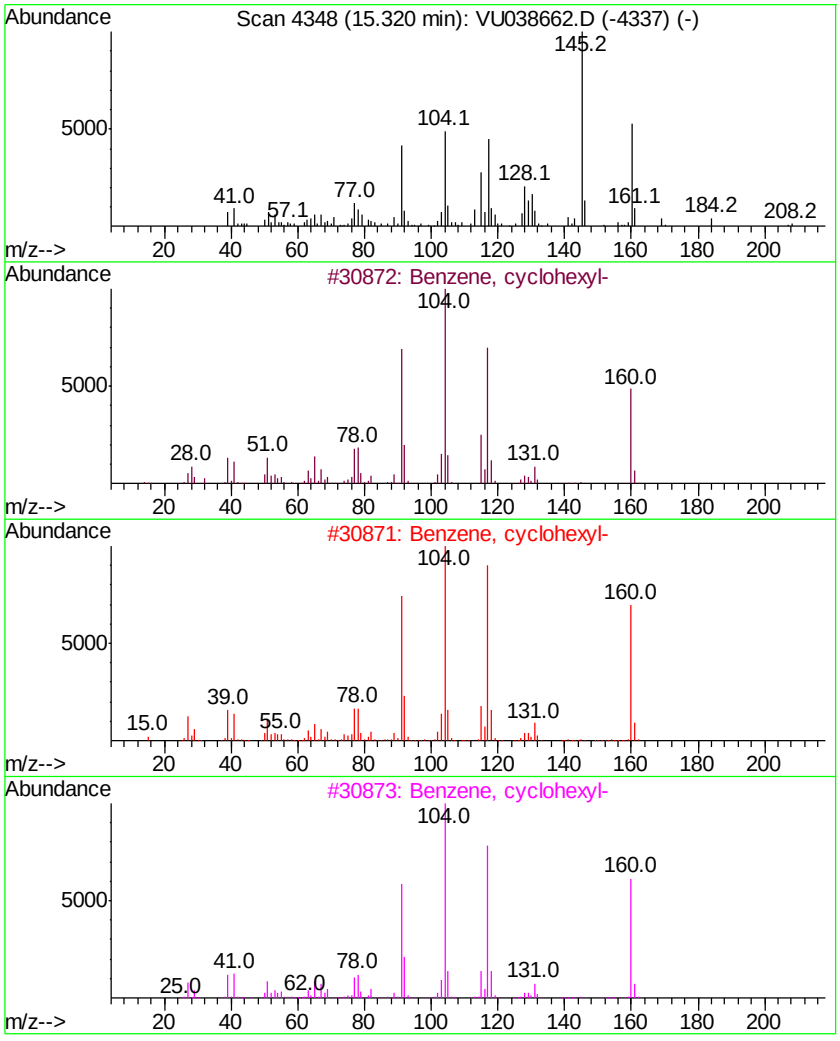
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

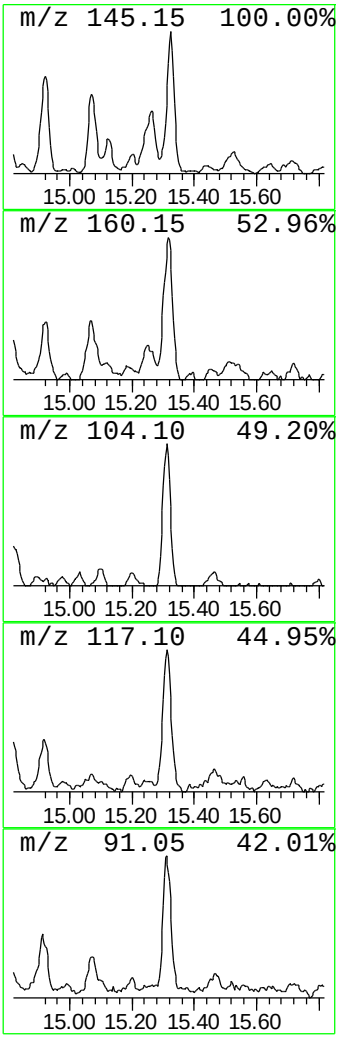
****

Peak Number 15 Benzene, cyclohexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	0.60 ug/L	138578	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	90
2	Benzene, cyclohexyl-	160	C12H16	000827-52-1	70
3	Benzene, cyclohexyl-	160	C12H16	000827-52-1	70
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060820\
Data File : VU038662.D
Acq On : 08 Jun 2020 12:01
Operator : SY/MD
Sample : L2911-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D05DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.01	0.6	ug/L	94300	1	6.28	828976	5.0
(DEL) Alkane: Cyc...	7.10	0.7	ug/L	111896	1	6.28	828976	5.0
(DEL) Alkane: Cyc...	7.26	0.7	ug/L	119708	1	6.28	828976	5.0
(DEL) Alkane: Cyc...	8.26	1.2	ug/L	257268	2	9.44	1073190	5.0
(DEL) Alkane: Cyc...	8.94	0.7	ug/L	140461	2	9.44	1073190	5.0
Bicyclo[3.2.1]octane	9.71	0.7	ug/L	142496	2	9.44	1073190	5.0
(DEL) Alkane: Cyc...	10.05	0.6	ug/L	129756	2	9.44	1073190	5.0
Benzene, (2-methy...	11.62	0.6	ug/L	144668	3	11.83	1161770	5.0
Benzene, 1-methyl...	11.65	2.8	ug/L	645920	3	11.83	1161770	5.0
Benzene, (3-methy...	13.14	0.6	ug/L	133709	3	11.83	1161770	5.0
1H-Indene, 2,3-di...	13.97	2.0	ug/L	476676	3	11.83	1161770	5.0
1H-Indene, 2,3-di...	14.92	0.6	ug/L	133126	3	11.83	1161770	5.0
Benzene, cyclohexyl-	15.32	0.6	ug/L	138578	3	11.83	1161770	5.0