LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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	1.501	44	50	57	rVB	32193	30917	1.79%	0.136%
2	1.613	75	85	94	rBV2	192084	211838	12.25%	0.929%
3	1.745	119	126	136	rVB	77679	97340	5.63%	0.427%
4	1.932	175	184	198	rVB	121147	159923	9.25%	0.701%
5	2.012	199	209	224	rVB	143559	198533	11.48%	0.870%
6	2.591	376	389	405	rBV	249508	420286	24.31%	1.843%
7	3.073	526	539	546	rBV4	14423	30064	1.74%	0.132%
8	3.170	558	569	581	rVB2	62724	120072	6.94%	0.526%
9	3.395	623	639	652	rVB3	18107	40316	2.33%	0.177%
10	4.572	990	1005	1021	rVB3	39628	95798	5.54%	0.420%
11	4.681	1021	1039	1083	rBV2	190592	673961	38.98%	2.955%
12	5.102	1153	1170	1185	rBV	222599	477711	27.63%	2.094%
13	5.424	1253	1270	1283	rBV	65887	146984	8.50%	0.644%
14	5.671	1322	1347	1357	rBV3	95832	224705	13.00%	0.985%
15	5.758	1357	1374	1383	rVV2	446450	1164992	67.37%	5.108%
16	5.806	1383	1389	1406	rVB	343891	681970	39.44%	2.990%
17	6.282	1521	1537	1559	rBV	424836	815943	47.19%	3.577%
18	6.719	1659	1673	1683	rBV	275958	549180	31.76%	2.408%
19	6.890	1718	1726	1740	rVB5	16108	30408	1.76%	0.133%
20	7.099	1775	1791	1810	rBV3	84225	174934	10.12%	0.767%
21	7.260	1828	1841	1859	rVB3	96382	189145	10.94%	0.829%
22	7.420	1875	1891	1902	rBV5	16580	38131	2.21%	0.167%
23	7.497	1904	1915	1929	rVB2	28206	56378	3.26%	0.247%
24	7.594	1929	1945	1973	rBV2	163840	443616	25.66%	1.945%
25	7.790	1994	2006	2023	rVB5	12606	34762	2.01%	0.152%
26	7.922	2023	2047	2061	rBV	608393	1207885	69.86%	5.296%
27	8.060	2078	2090	2103	rBV2	134701	256246	14.82%	1.123%
28	8.202	2120	2134	2143	rBV	102092	176711	10.22%	0.775%
29	8.266	2143	2154	2173	rVB	236475	448072	25.91%	1.964%
30	8.388	2178	2192	2201	rVV4	33427	67415	3.90%	0.296%
31	8.655	2258	2275	2303	rBV	918875	1729131	100.00%	7.581%
32	8.829	2315	2329	2342	rBV4	52501	112426	6.50%	0.493%
33	8.941	2355	2364	2375	rBV	104237	183727	10.63%	0.806%
34	9.089	2399	2410	2428	rVB4	25085	49332	2.85%	0.216%

LSC Area Percent Report

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Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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	9.182	2428	2439	2452	rBV2	31106	58153	3.36%	0.255%
36	9.285	2460	2471	2481	rBV2	18654	38017	2.20%	0.167%
37	9.436	2505	2518	2528	rBV	603978	1011032	58.47%	4.433%
38	9.584	2554	2564	2578	rVB4	49423	89213	5.16%	0.391%
39	9.706	2587	2602	2617	rBV5	117969	285040	16.48%	1.250%
40	9.835	2632	2642	2652	rVV8	21539	43473	2.51%	0.191%
41	9.906	2652	2664	2676	rVB5	39903	83142	4.81%	0.365%
42	10.050	2694	2709	2713	rBV6	40741	87176	5.04%	0.382%
43	10.140	2730	2737	2757	rVB3	13476	29414	1.70%	0.129%
44	10.247	2757	2770	2775	rBV8	17784	33073	1.91%	0.145%
45	10.288	2776	2783	2793	rVB4	31572	52477	3.03%	0.230%
46	10.497	2839	2848	2856	rVV	51375	79235	4.58%	0.347%
47	10.542	2856	2862	2878	rVB7	22798	42325	2.45%	0.186%
48	10.713	2906	2915	2922	rVV3	27816	47623	2.75%	0.209%
49	10.771	2922	2933	2943	rVV	234650	397152	22.97%	1.741%
50	10.822	2945	2949	2959	rVB6	29442	44976	2.60%	0.197%
51	11.308	3091	3100	3121	rVB5	30279	79480	4.60%	0.348%
52	11.430	3122	3138	3146	rBV2	35287	70059	4.05%	0.307%
53	11.623	3184	3198	3200	rBV	172412	237069	13.71%	1.039%
54	11.655	3200	3208	3226	rVB	762773	1230580	71.17%	5.395%
55	11.822	3247	3260	3273	rBV	681176	1102203	63.74%	4.832%
56	12.018	3312	3321	3332	rBV2	44379	67881	3.93%	0.298%
57	12.108	3333	3349	3358	rBV2	102514	167032	9.66%	0.732%
58	12.205	3361	3379	3400	rVB	613367	1053878	60.95%	4.621%
59	12.317	3400	3414	3423	rBV	14280	34099	1.97%	0.149%
60	12.571	3477	3493	3494	rBV5	38837	68149	3.94%	0.299%
61	12.626	3505	3510	3521	rVB3	32186	46724	2.70%	0.205%
62	12.693	3523	3531	3539	rVV3	91770	153680	8.89%	0.674%
63	12.738	3540	3545	3551	rVV2	51981	75647	4.37%	0.332%
64	12.774	3551	3556	3568	rVB3	36331	56371	3.26%	0.247%
65	12.880	3583	3589	3603	rVB6	50272	100871	5.83%	0.442%
66	12.960	3604	3614	3621	rVV3	68516	123673	7.15%	0.542%
67	13.002	3622	3627	3636	rVV	54180	83668	4.84%	0.367%
68	13.137	3657	3669	3683	rBV	154574	264648	15.31%	1.160%
69	13.346	3727	3734	3746	rVB	136056	212755	12.30%	0.933%
70	13.417	3748	3756	3763	rBV4	18710	33150	1.92%	0.145%
71	13.471	3764	3773	3789	rVV6	70311	150851	8.72%	0.661%

LSC Area Percent Report

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Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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	13.552	3790	3798	3808	rVV5	61490	111997	6.48%	0.491%
73	13.613	3809	3817	3823	rVV4	39011	68365	3.95%	0.300%
74	13.655	3823	3830	3845	rVB2	46453	84539	4.89%	0.371%
75	13.774	3856	3867	3870	rBV4	35741	64425	3.73%	0.282%
76	13.806	3872	3877	3884	rVV2	88284	136127	7.87%	0.597%
77	13.851	3885	3891	3901	rVV2	86526	144279	8.34%	0.633%
78	13.912	3902	3910	3913	rVV2	110080	163734	9.47%	0.718%
79	13.938	3914	3918	3920	rVV	149117	159137	9.20%	0.698%
80	13.967	3921	3927	3939	rVB	478726	755305	43.68%	3.311%
81	14.089	3955	3965	3974	rBV	65058	110420	6.39%	0.484%
82	14.147	3978	3983	4000	rVB5	34333	88831	5.14%	0.389%
83	14.285	4018	4026	4030	rBV3	37625	59841	3.46%	0.262%
84	14.317	4031	4036	4047	rVV5	56225	96962	5.61%	0.425%
85	14.381	4048	4056	4065	rVV2	54092	94790	5.48%	0.416%
86	14.507	4089	4095	4102	rVV4	22200	31189	1.80%	0.137%
87	14.549	4103	4108	4118	rVB5	30978	42491	2.46%	0.186%
88	14.661	4138	4143	4163	rVB2	56214	105589	6.11%	0.463%
89	14.803	4181	4187	4205	rVB5	40977	73318	4.24%	0.321%
90	14.912	4212	4221	4235	rVB4	97158	187540	10.85%	0.822%
91	15.069	4261	4270	4278	rBV4	47836	82055	4.75%	0.360%
92	15.205	4303	4312	4323	rBV3	37714	66699	3.86%	0.292%
93	15.314	4336	4346	4364	rVB5	104757	223326	12.92%	0.979%
94	15.465	4382	4393	4404	rVB2	86848	166387	9.62%	0.729%
95	16.169	4605	4612	4620	rVB3	22800	34827	2.01%	0.153%
96	16.449	4689	4699	4711	rBV	183010	304403	17.60%	1.335%
97	16.587	4734	4742	4752	rVB5	31176	53051	3.07%	0.233%
98	16.947	4848	4854	4867	rVB6	33001	52721	3.05%	0.231%
99	17.221	4933	4939	4948	rVB6	18199	31214	1.81%	0.137%
100	17.301	4957	4964	4971	rBV	25470	42306	2.45%	0.185%

Sum of corrected areas: 22808709

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
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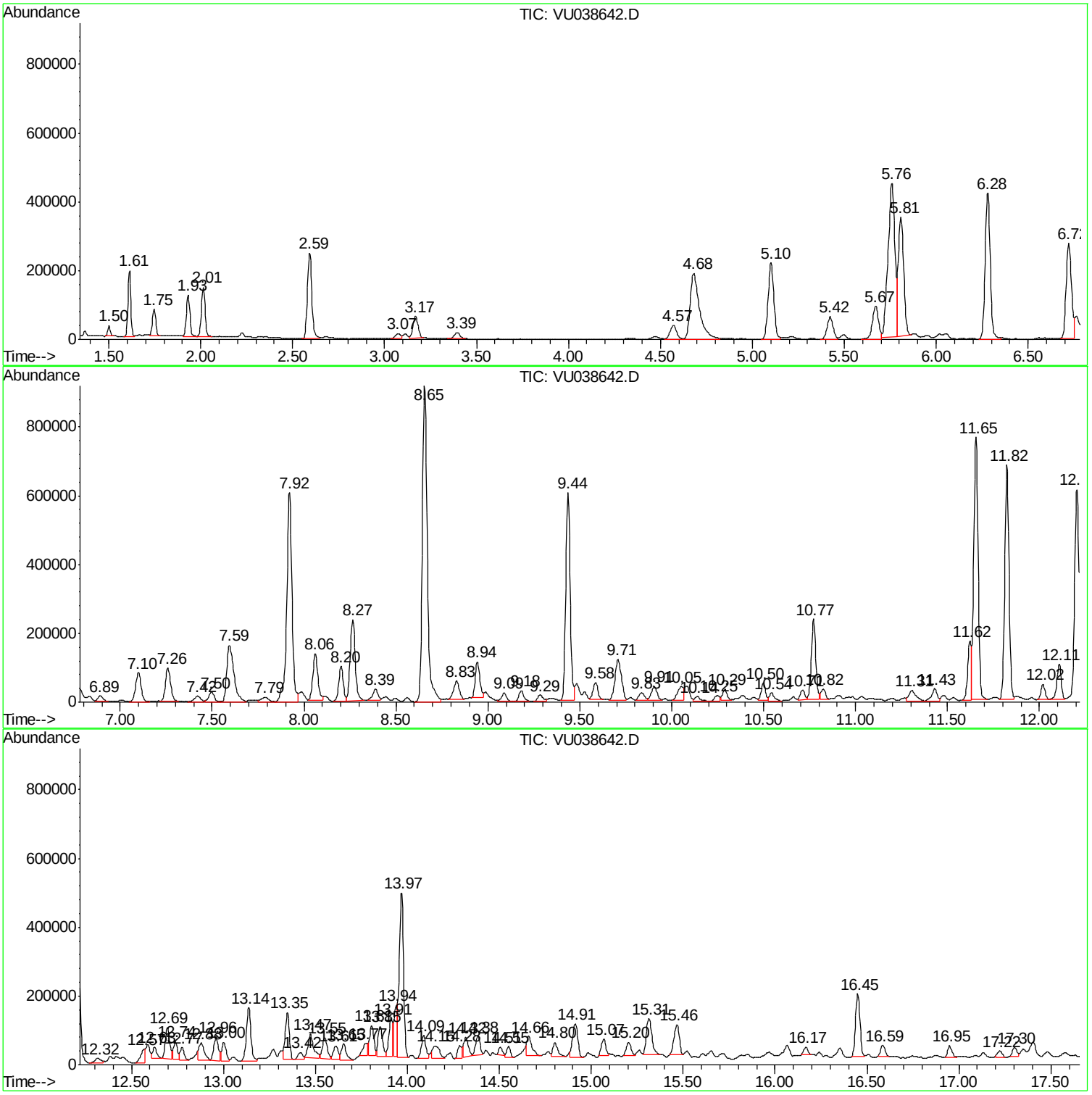
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

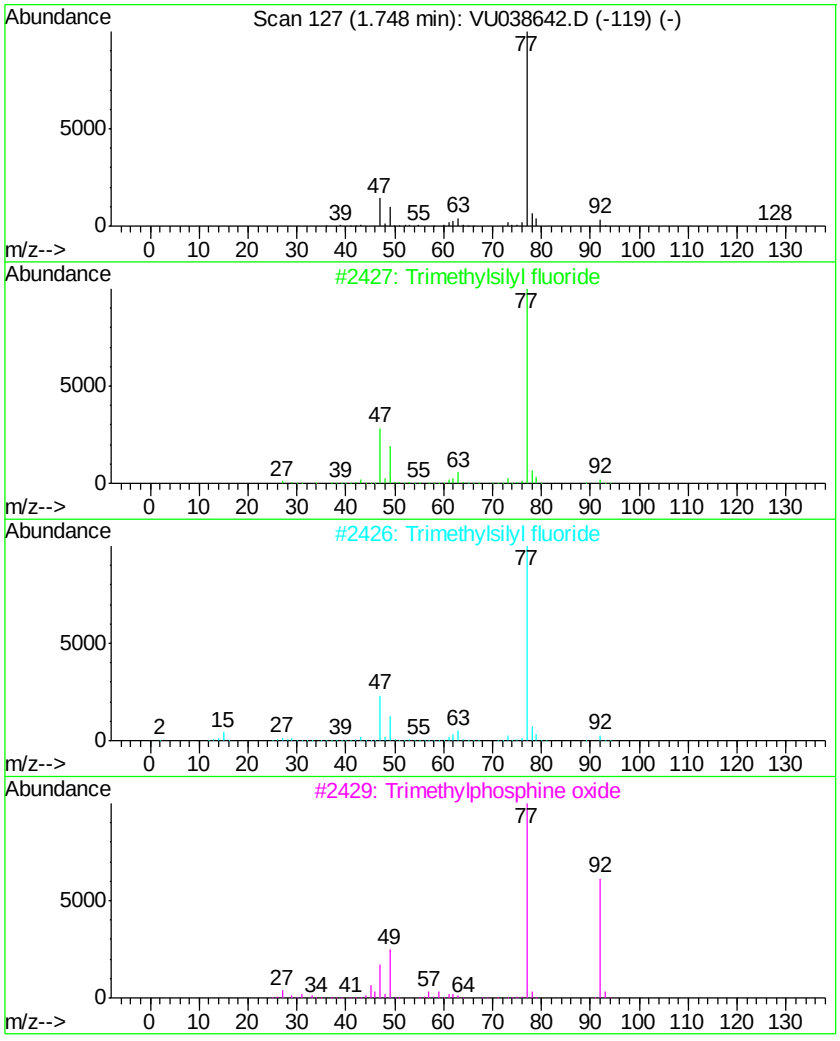
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

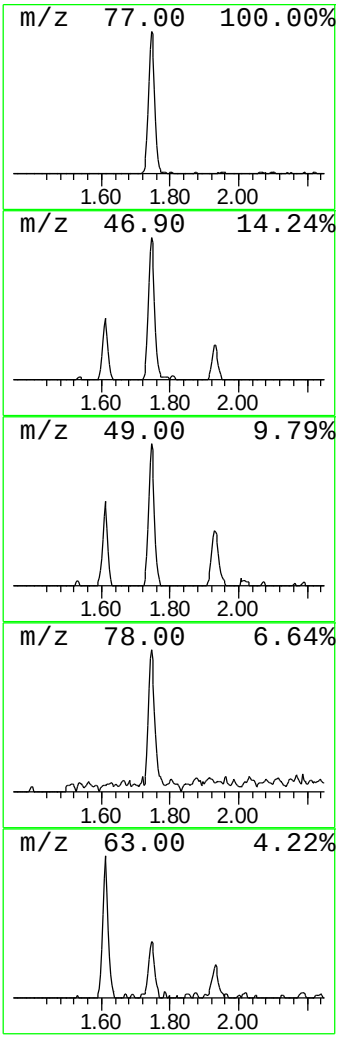
****

Peak Number 1 Trimethylsilyl fluoride Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	0.60 ug/L	97340	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	91
2	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	52
3	Trimethylphosphine oxide	92	C3H9OP	000676-96-0	38
4	Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	9
5	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

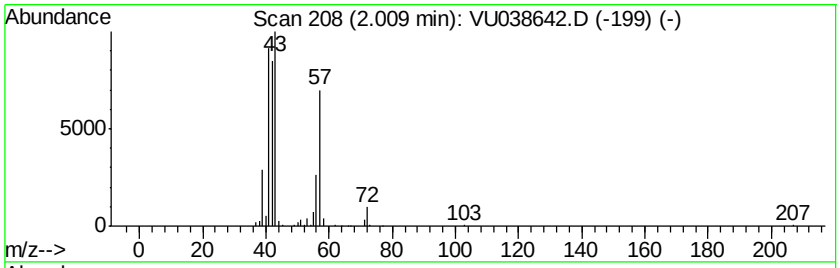
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

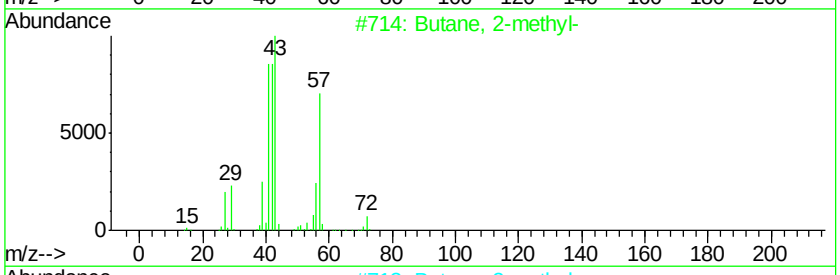
****

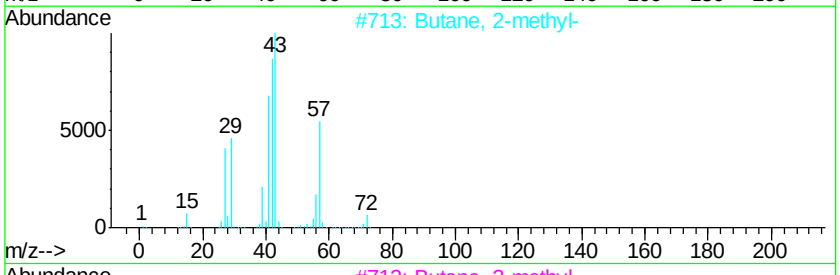
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

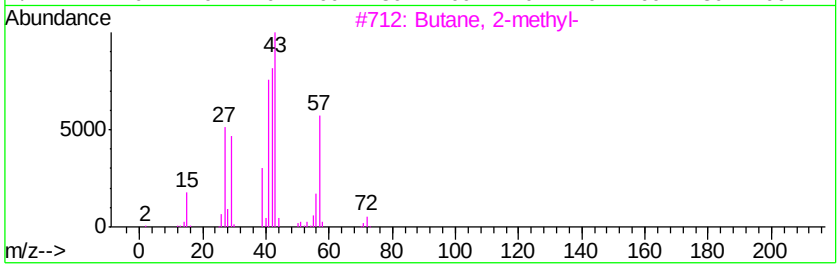
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	1.22 ug/L	198533	1,4-Difluorobenzene	6.28

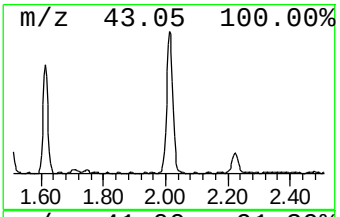
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	Isobutylene epoxide	72	C4H8O	000558-30-5	50
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38

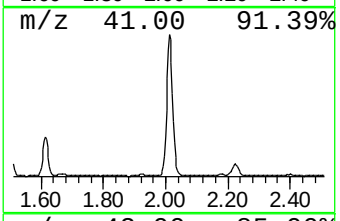


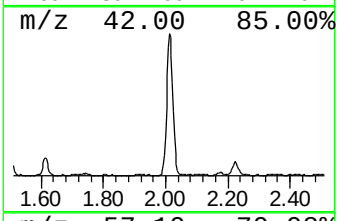


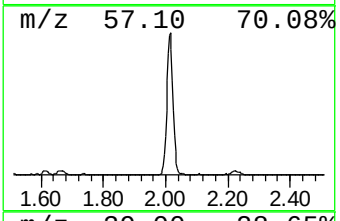


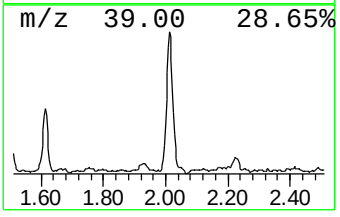












Library Search Compound Report

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Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
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Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

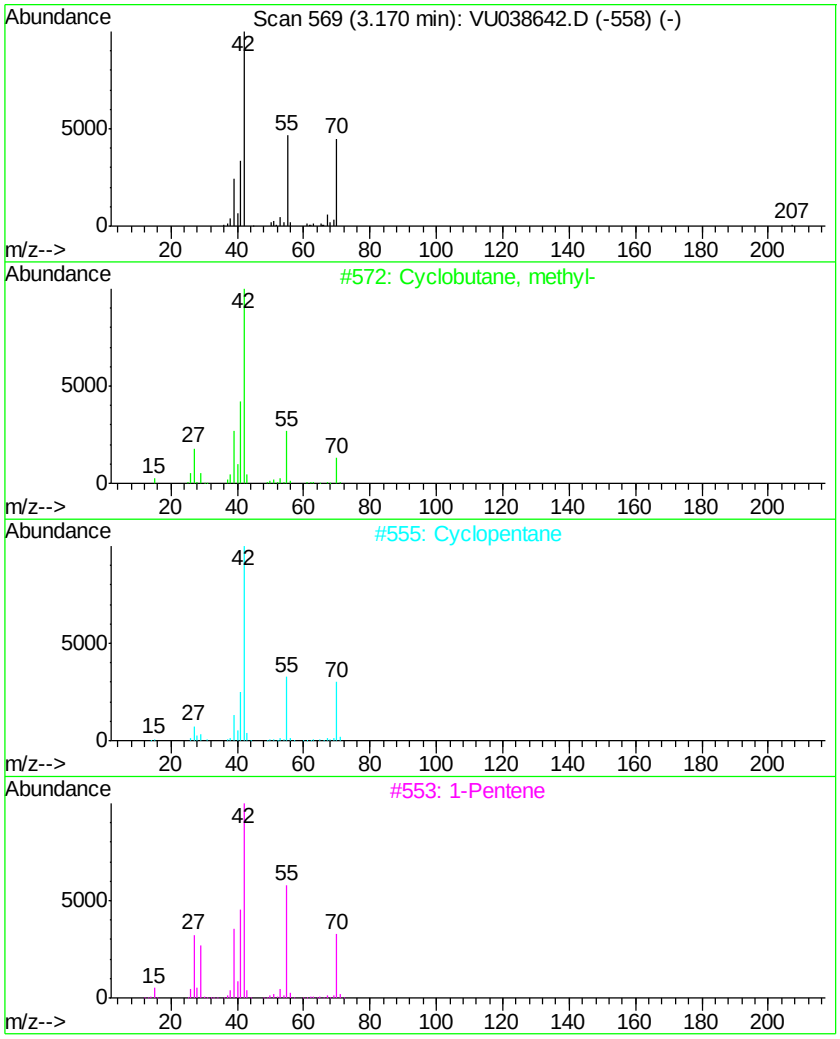
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

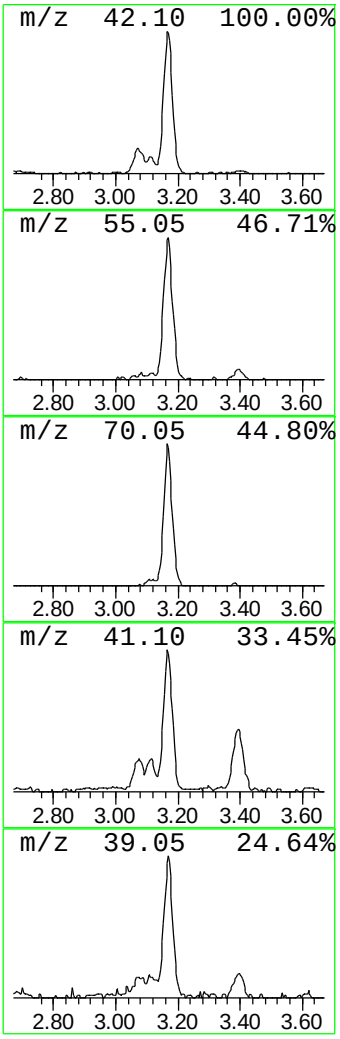
****

Peak Number 3 (DEL) Alkane: Cyclic3.17 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	0.74 ug/L	120072	1,4-Difluorobenzene	6.28

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	56
3	1-Pentene	70	C5H10	000109-67-1	50
4	1-Pentene	70	C5H10	000109-67-1	50
5	Isobutyronitrile	69	C4H7N	000078-82-0	9





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Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

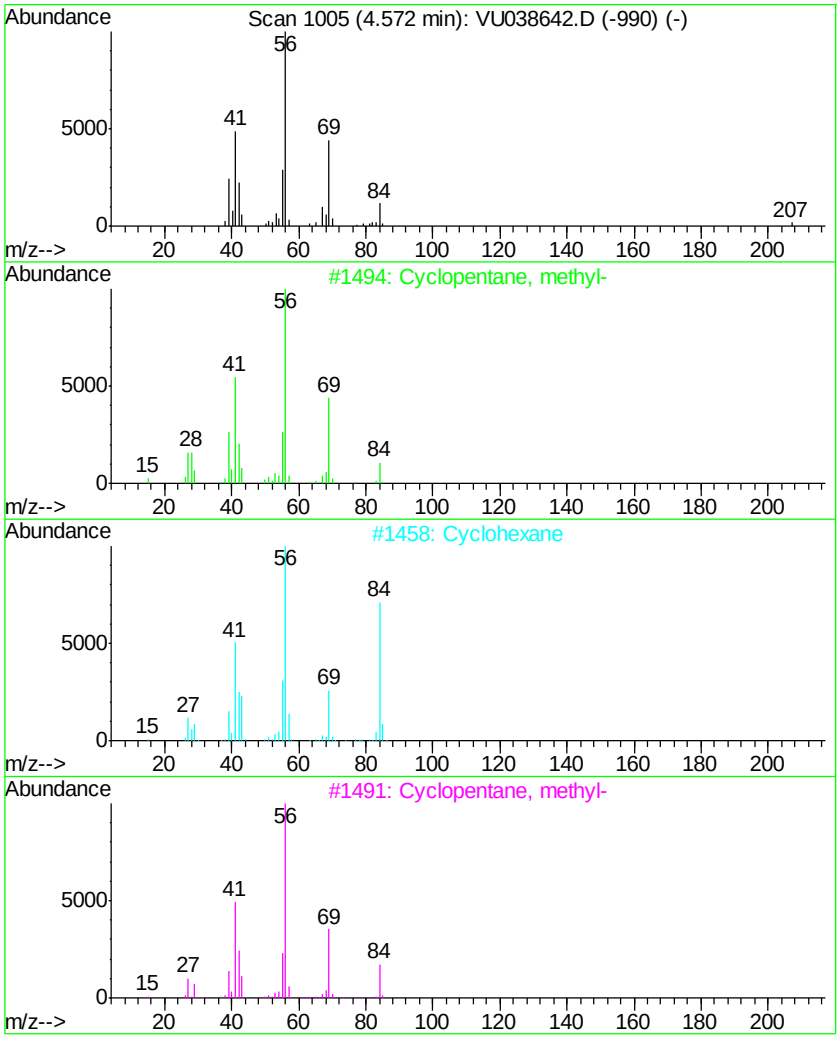
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

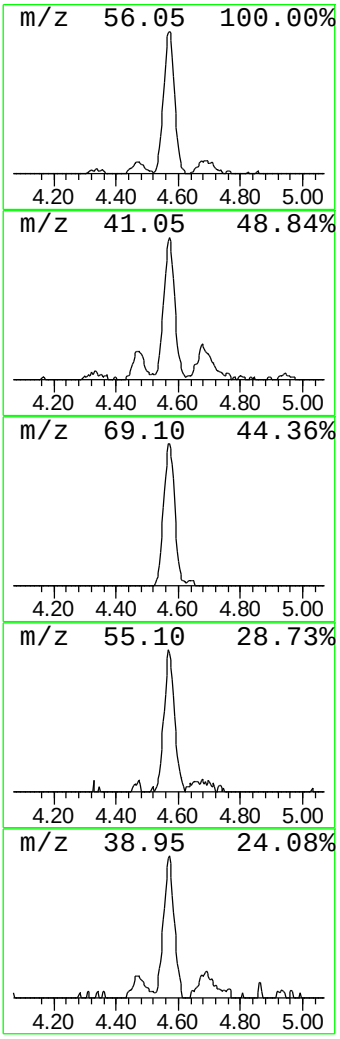
****

Peak Number 4 (DEL) Alkane: Cyclic4.57 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	0.59 ug/L	95798	1,4-Difluorobenzene	6.28

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	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

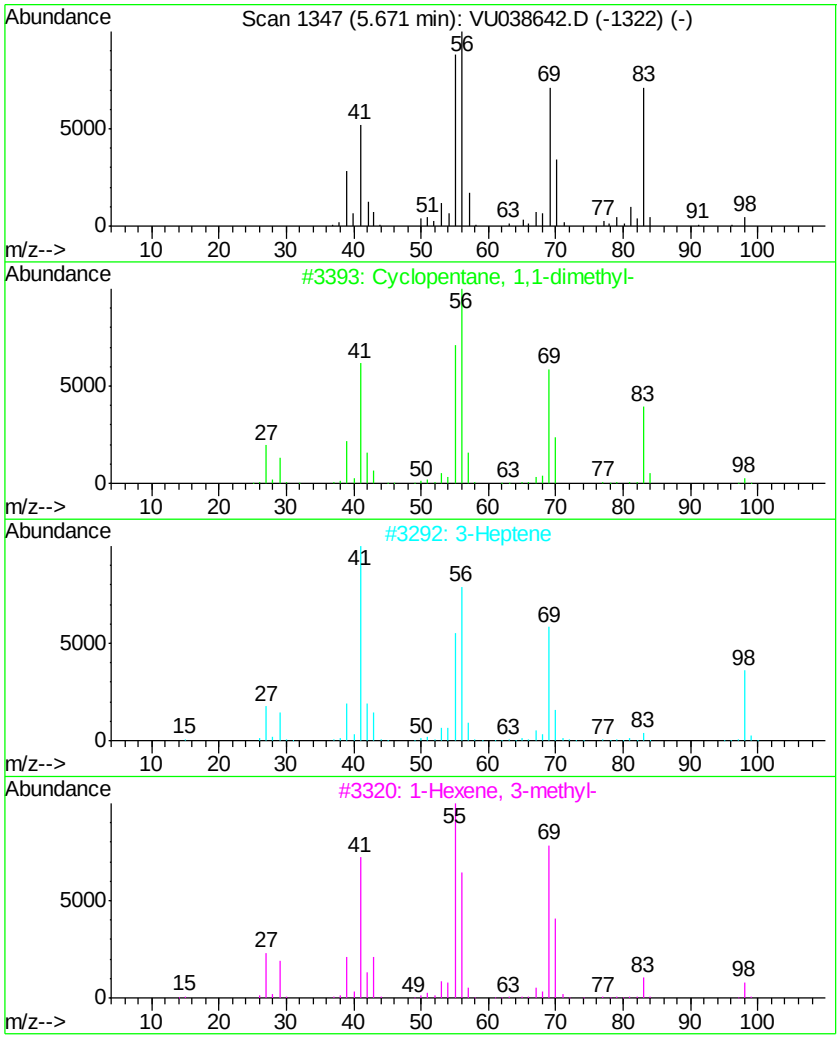
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

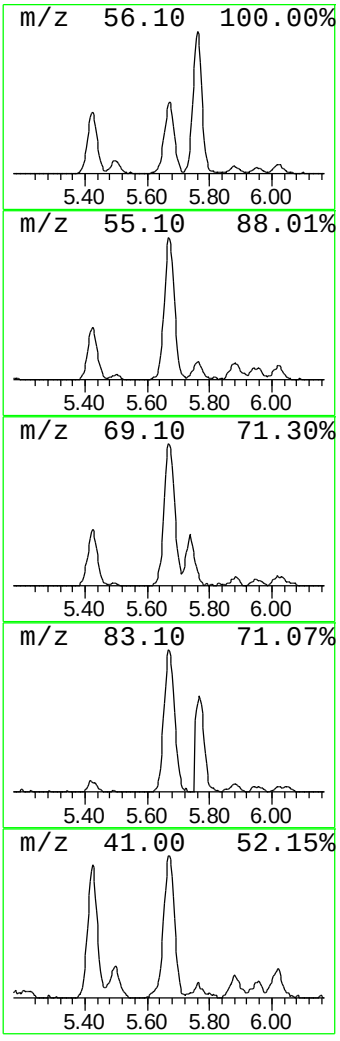
****

Peak Number 5 (DEL) Alkane: Cyclic5.67 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	1.38 ug/L	224705	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	90
2	3-Heptene	98	C7H14	000592-78-9	52
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	38





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Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

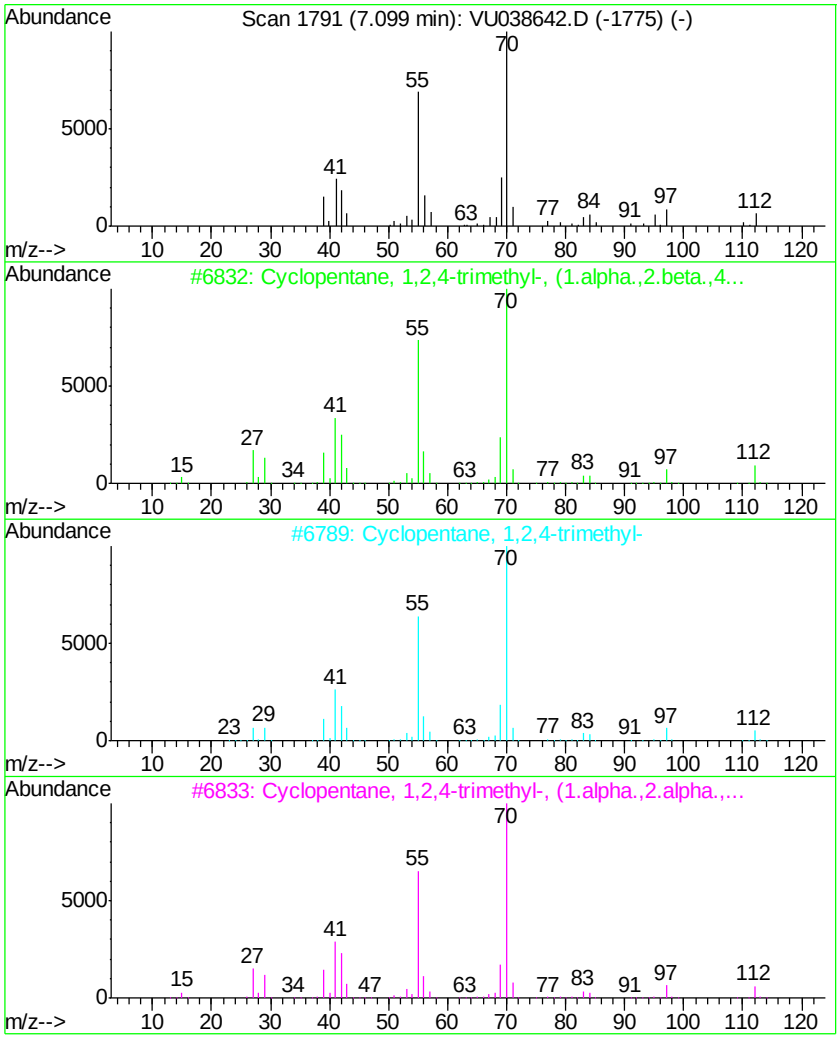
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

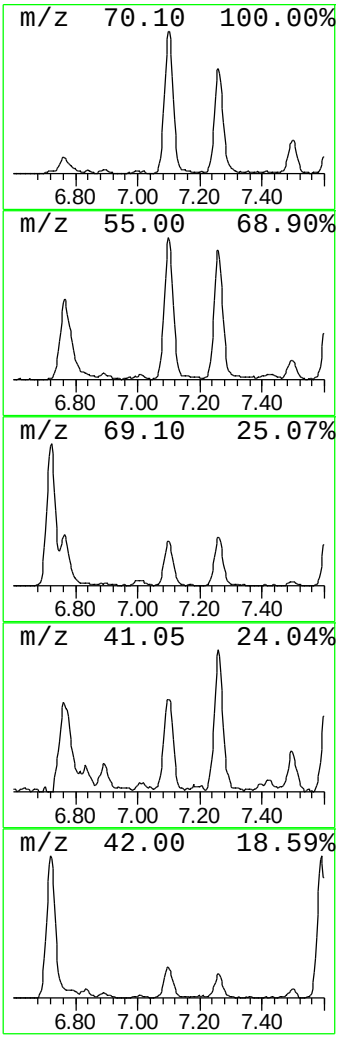
****

Peak Number 6 (DEL) Alkane: Cyclic7.10 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	1.07 ug/L	174934	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	91
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	80
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

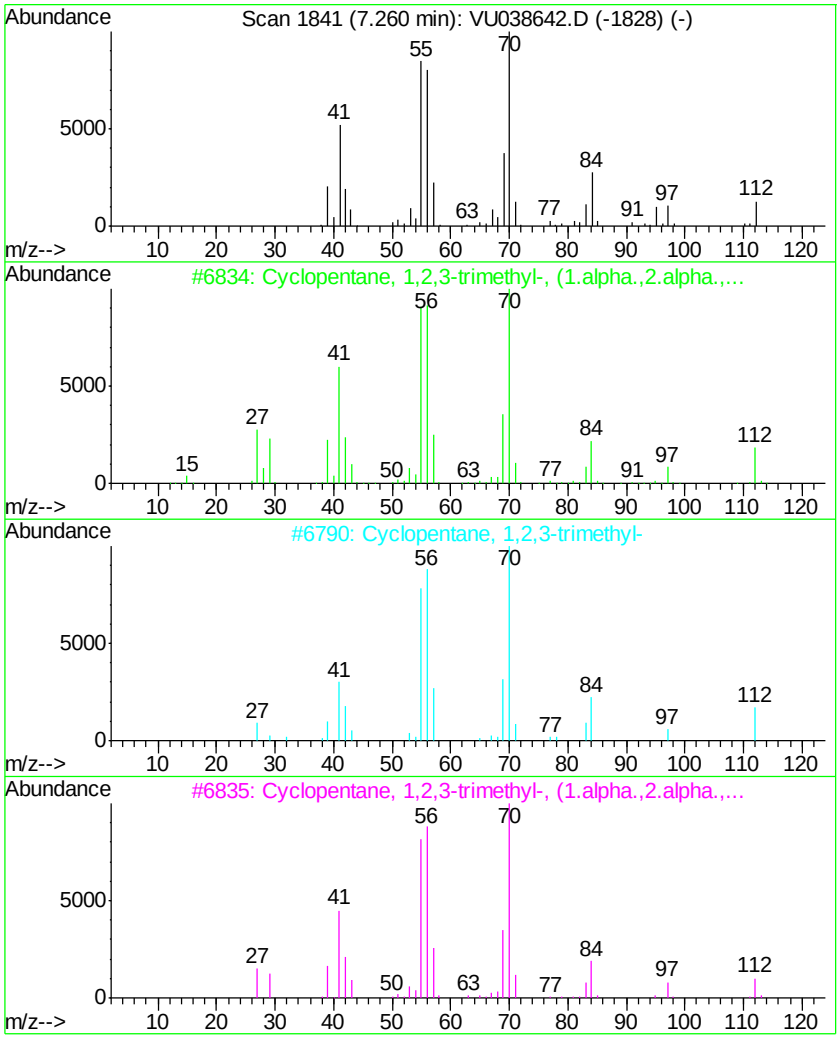
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

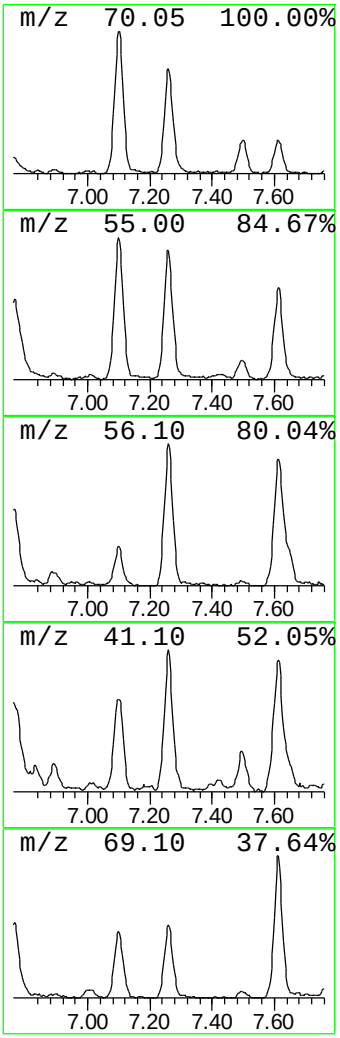
****

Peak Number 7 (DEL) Alkane: Cyclic7.26 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	1.16 ug/L	189145	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	91
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	68
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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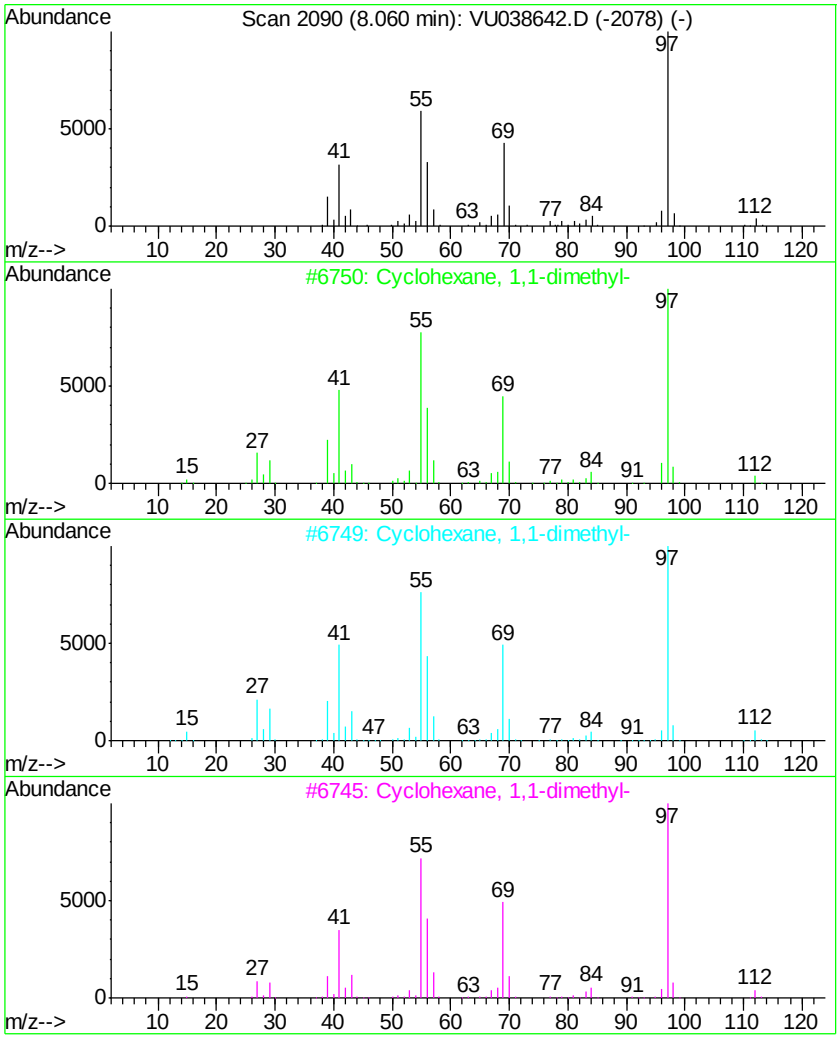
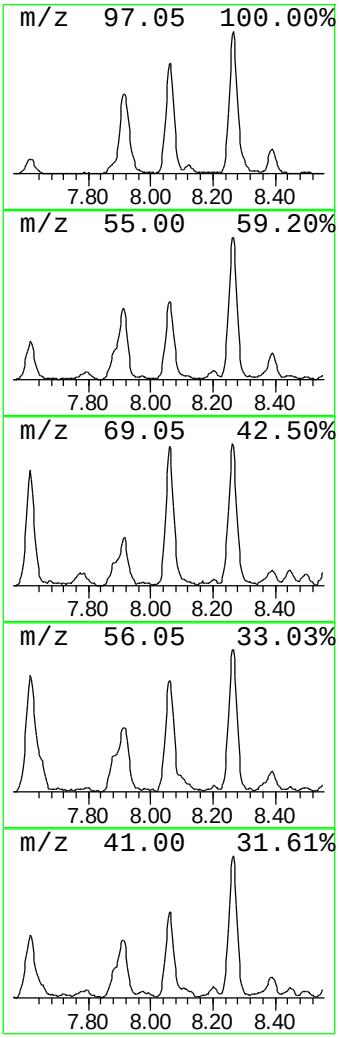
Peak Number 9 (DEL) Alkane: Cyclic8.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.27 ug/L	256246	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	97
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	97
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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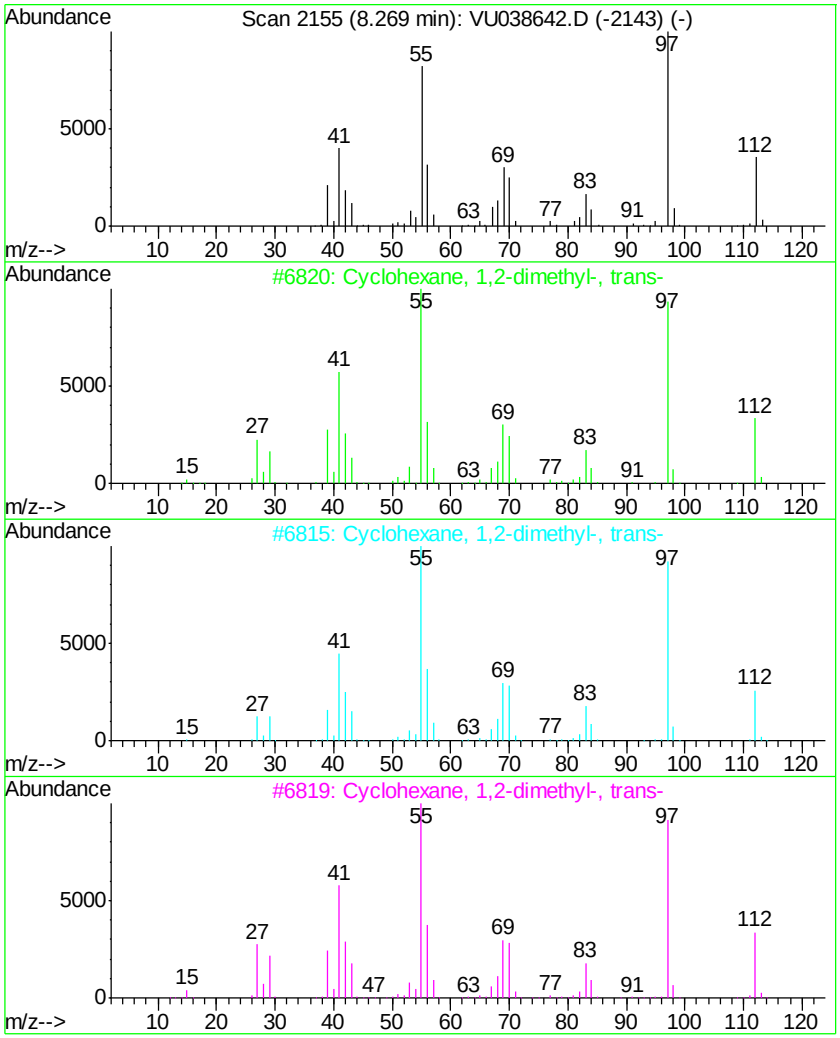
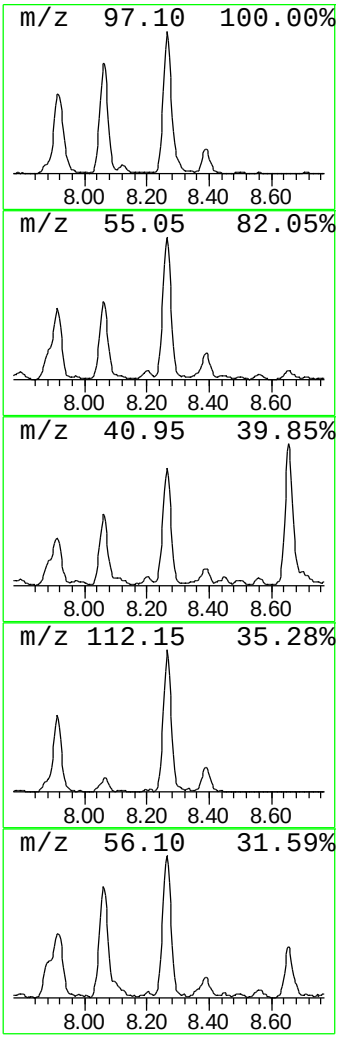
Peak Number 10 (DEL) Alkane: Cyclic8.27 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	2.22 ug/L	448072	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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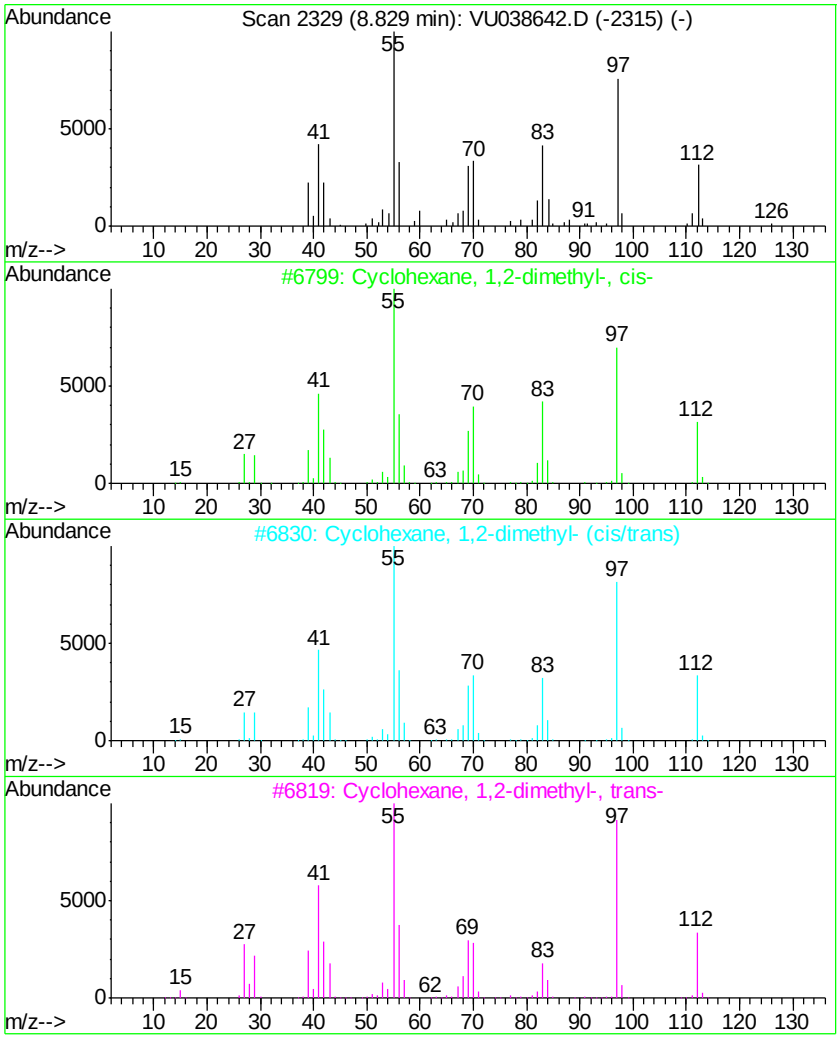
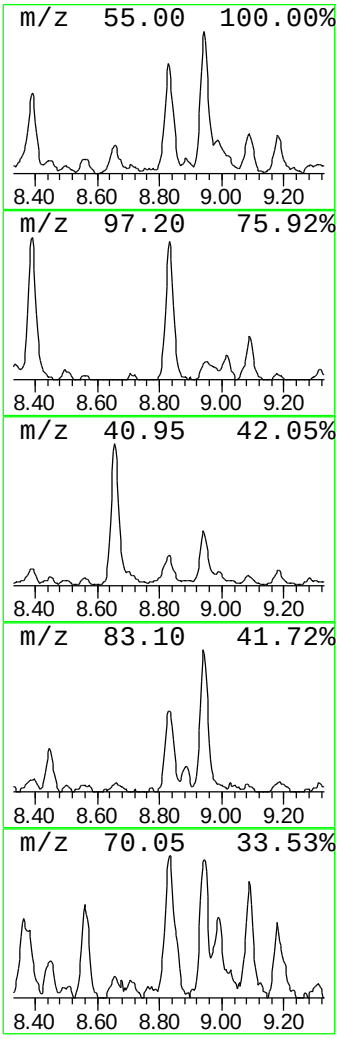
Peak Number 11 (DEL) Alkane: Cyclic8.83 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	0.56 ug/L	112426	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	74





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Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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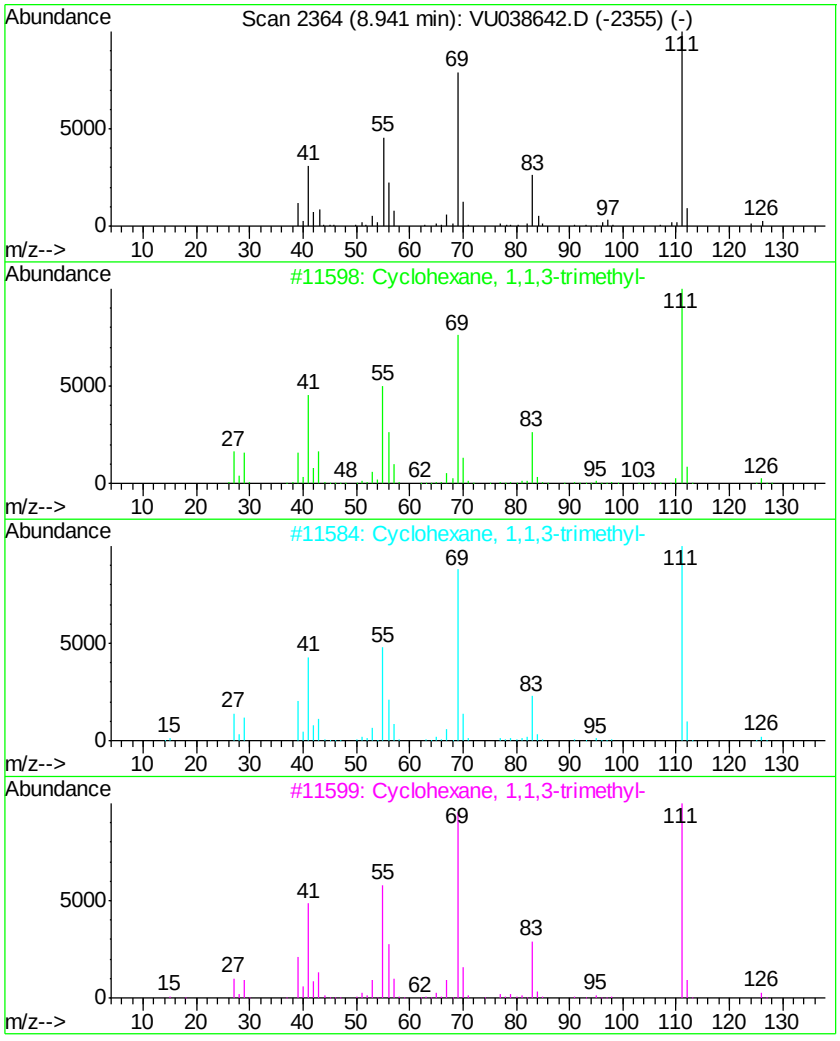
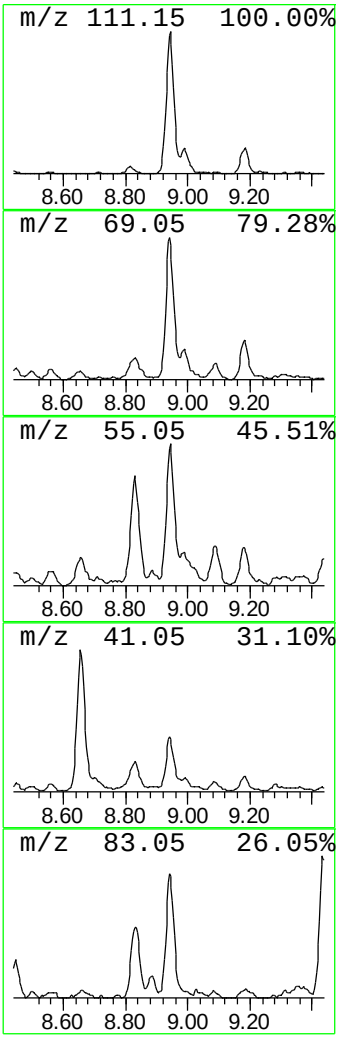
Peak Number 12 (DEL) Alkane: Cyclic8.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	0.91 ug/L	183727	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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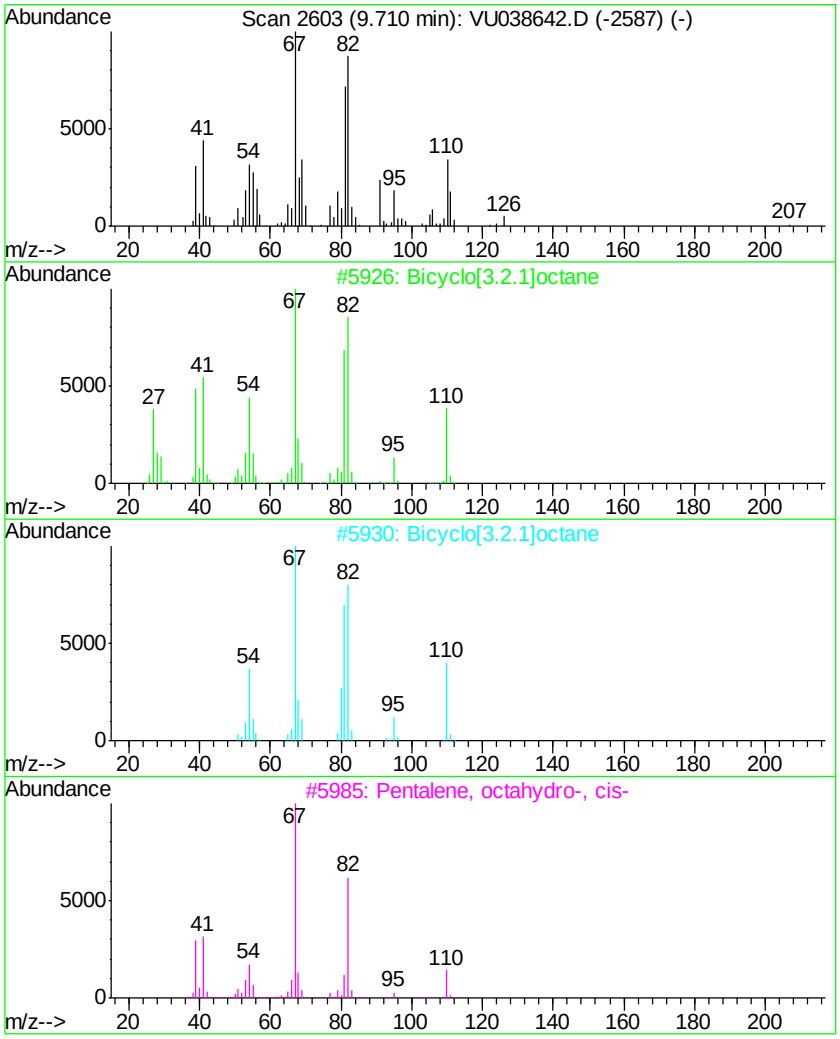
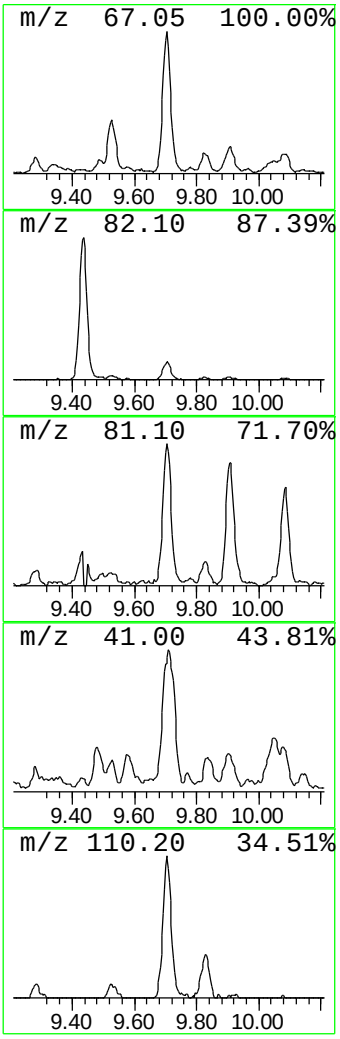
Peak Number 13 Bicyclo[3.2.1]octane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	1.41 ug/L	285040	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	91
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	90
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	72
4	Cyclooctene	110	C8H14	000931-88-4	68
5	3-Hexyne	82	C6H10	000928-49-4	58





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Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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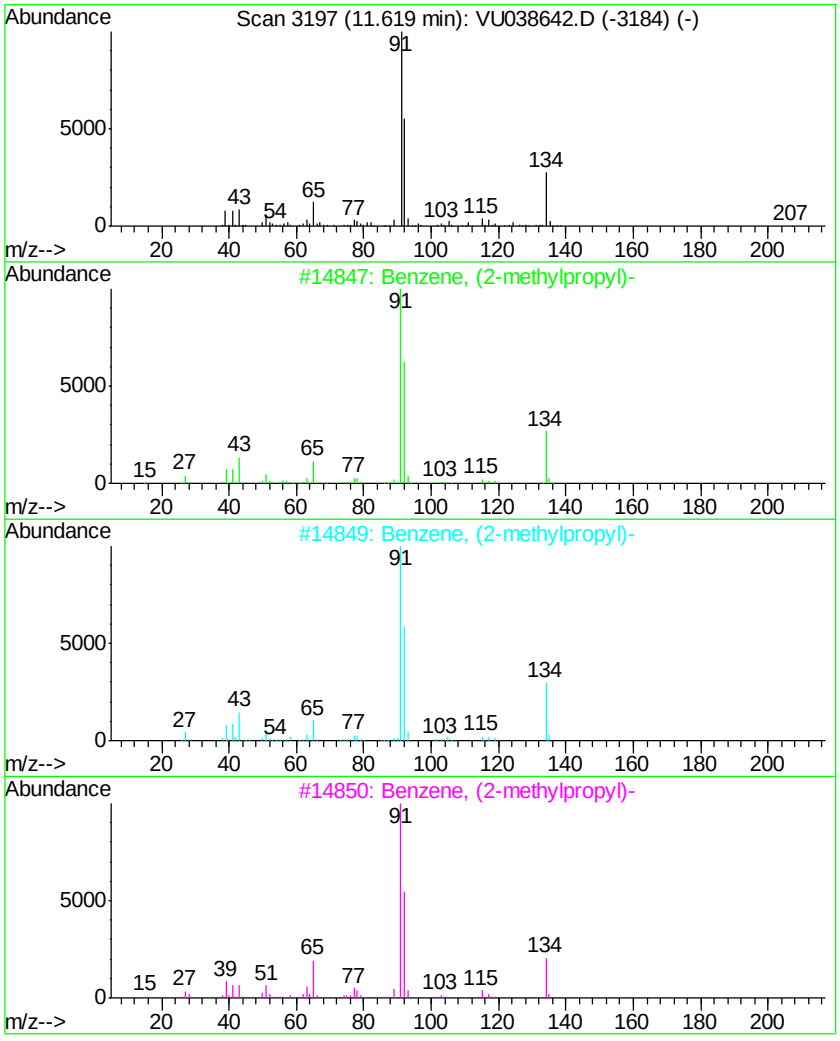
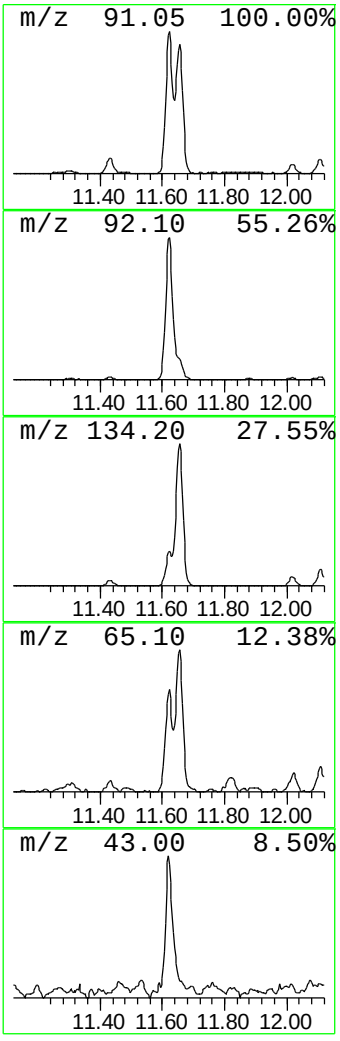
Peak Number 14 Benzene, (2-methylpropyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	1.08 ug/L	237069	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, butyl-	134	C10H14	000104-51-8	86
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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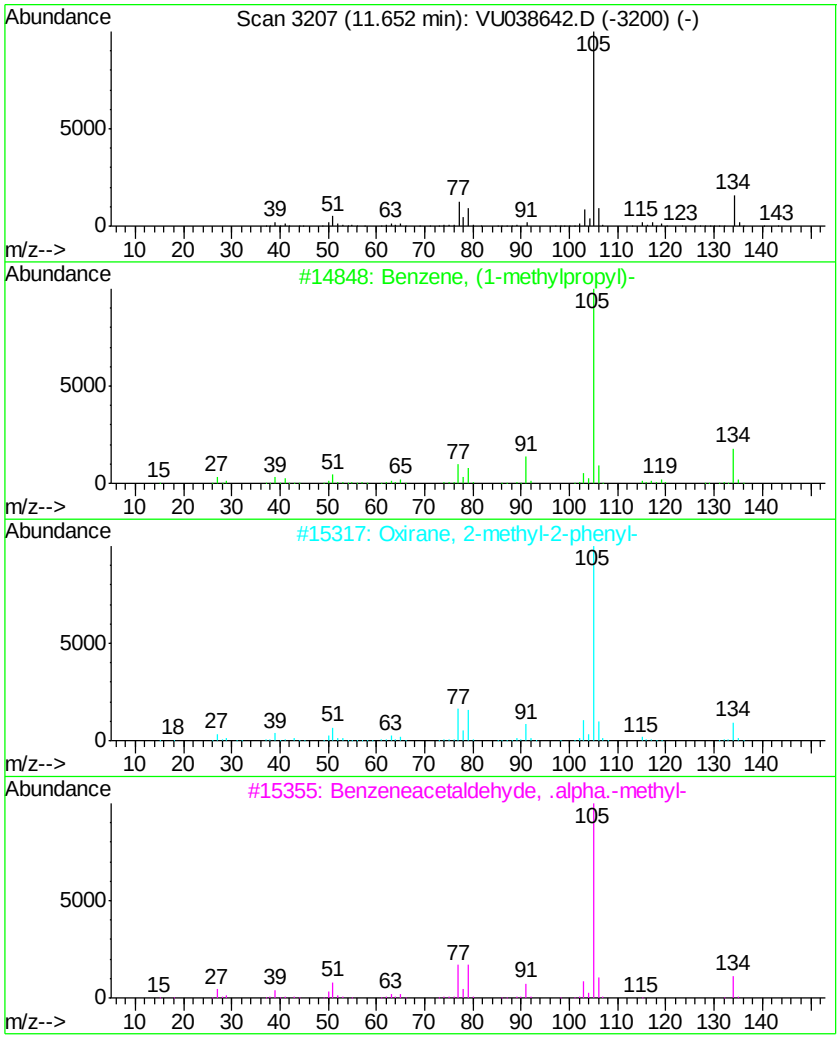
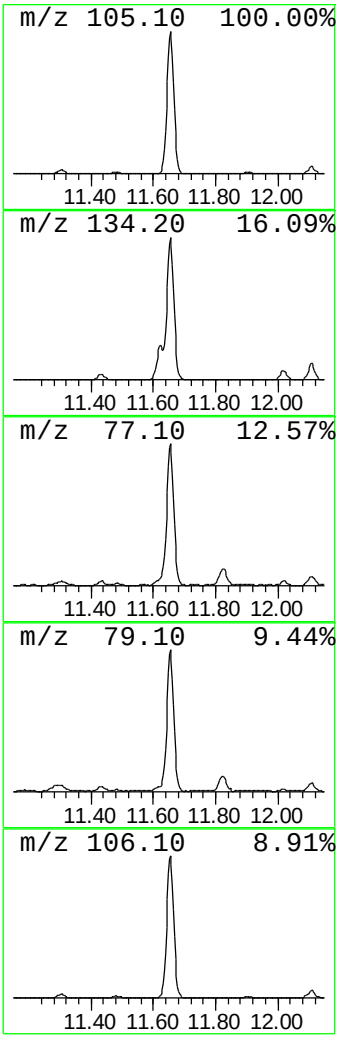
Peak Number 15 Benzene, (1-methylpropyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.58 ug/L	1230580	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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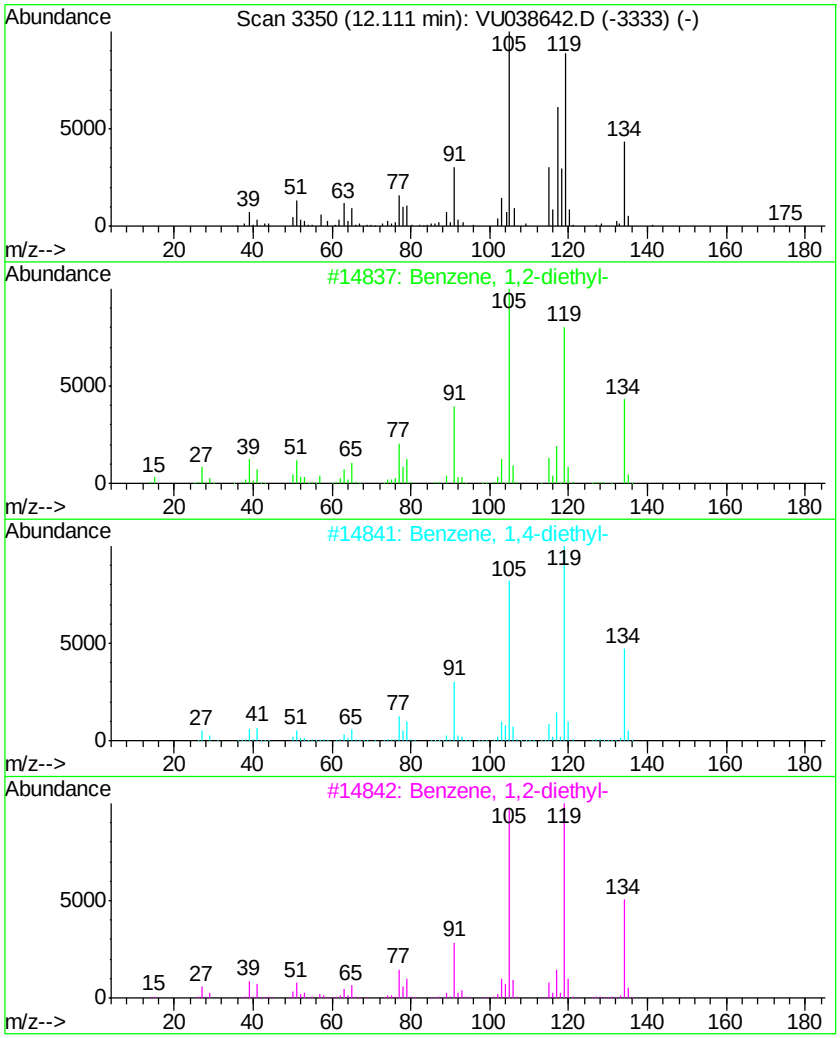
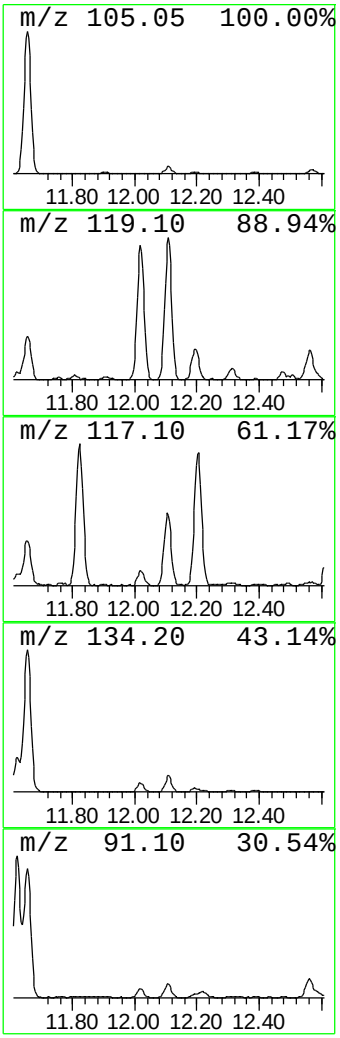
Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	0.76 ug/L	167032	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

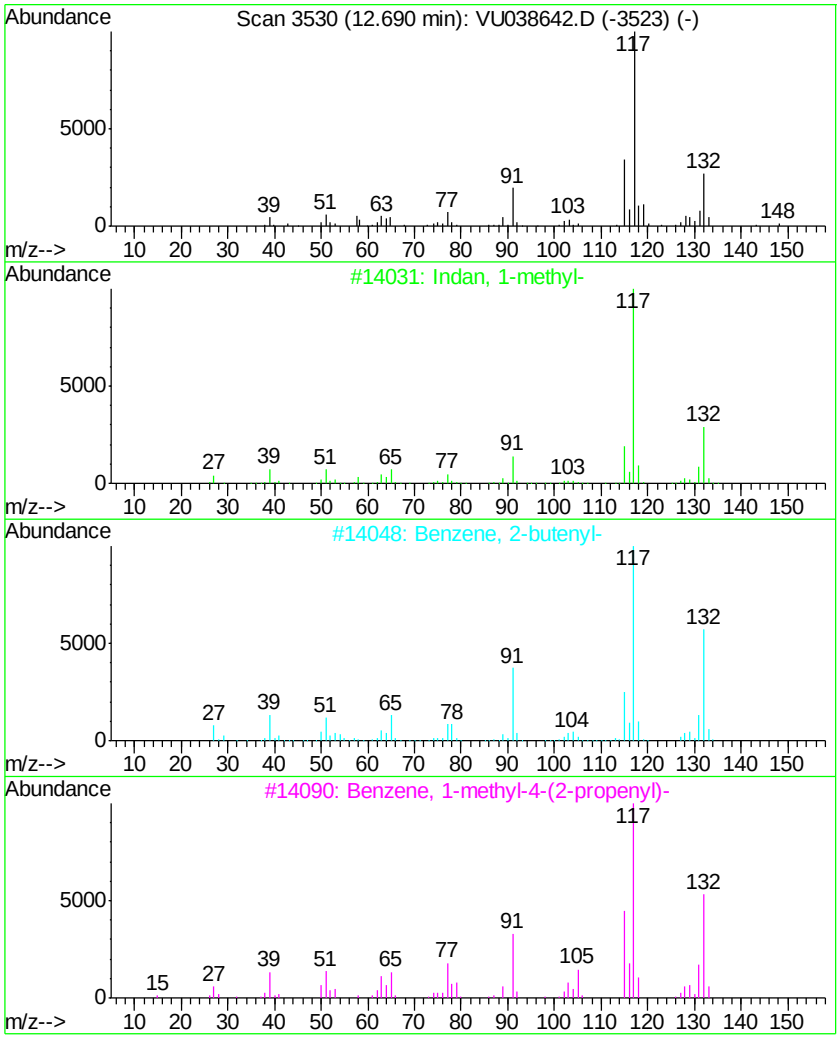
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

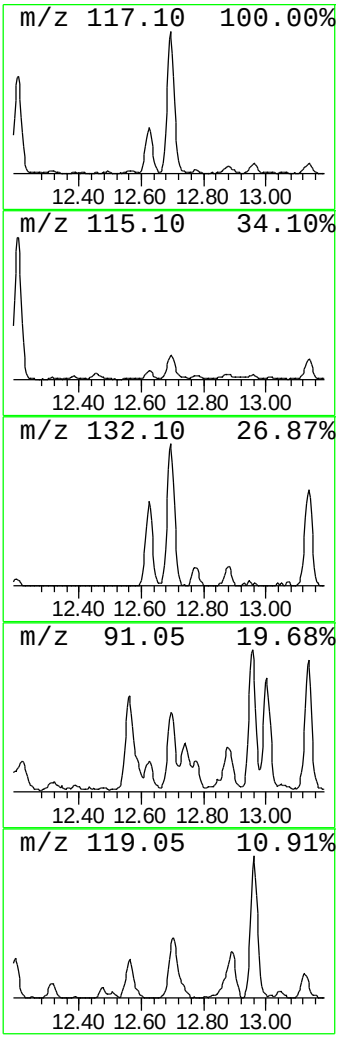
****

Peak Number 17 Indan, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	0.70 ug/L	153680	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

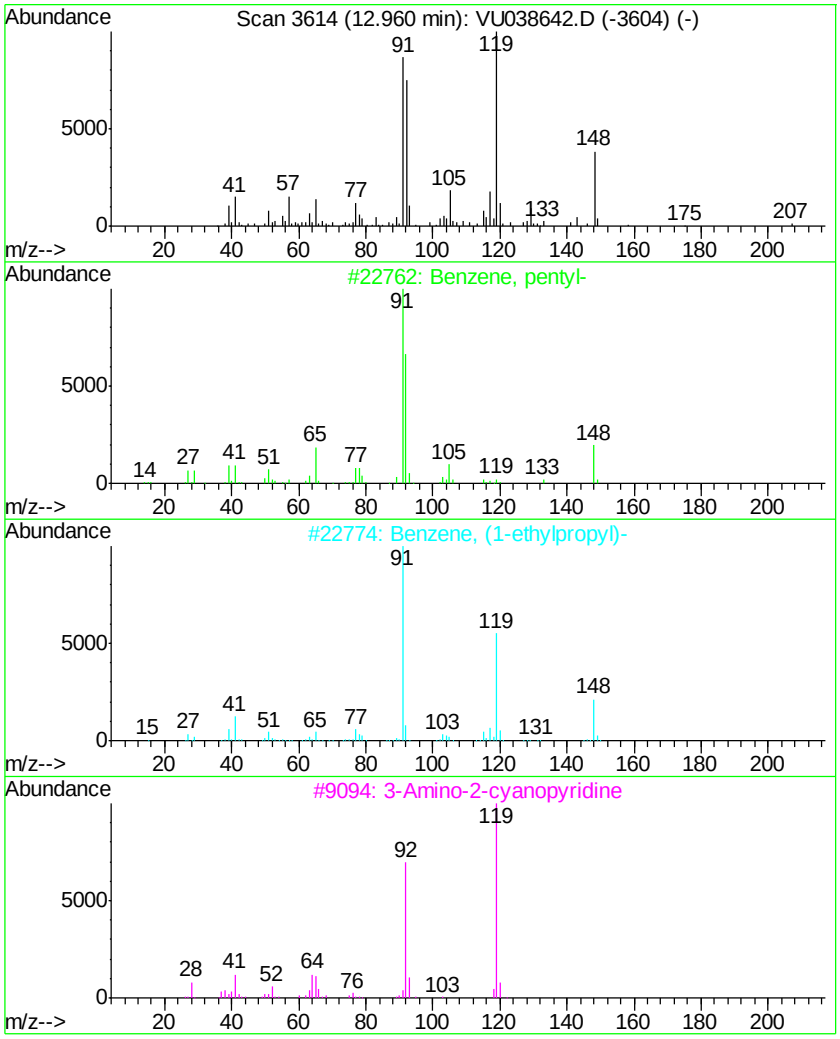
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

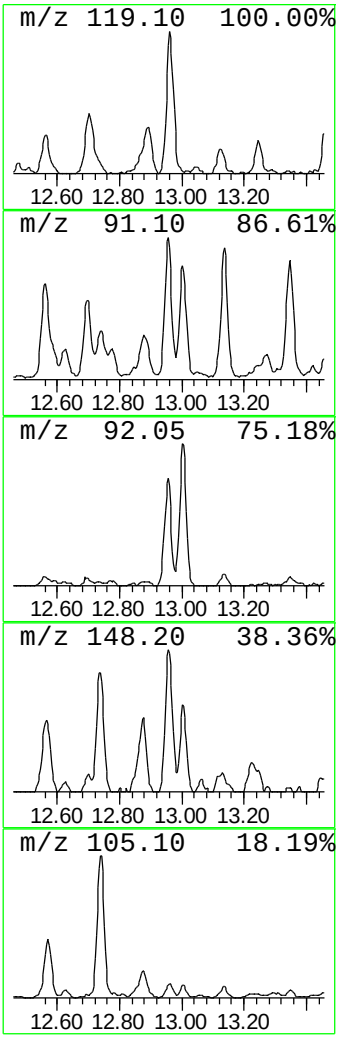
****

Peak Number 18 Benzene, pentyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	0.56 ug/L	123673	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	55
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	53
3	3-Amino-2-cyanopyridine	119	C6H5N3	042242-11-5	52
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	49
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

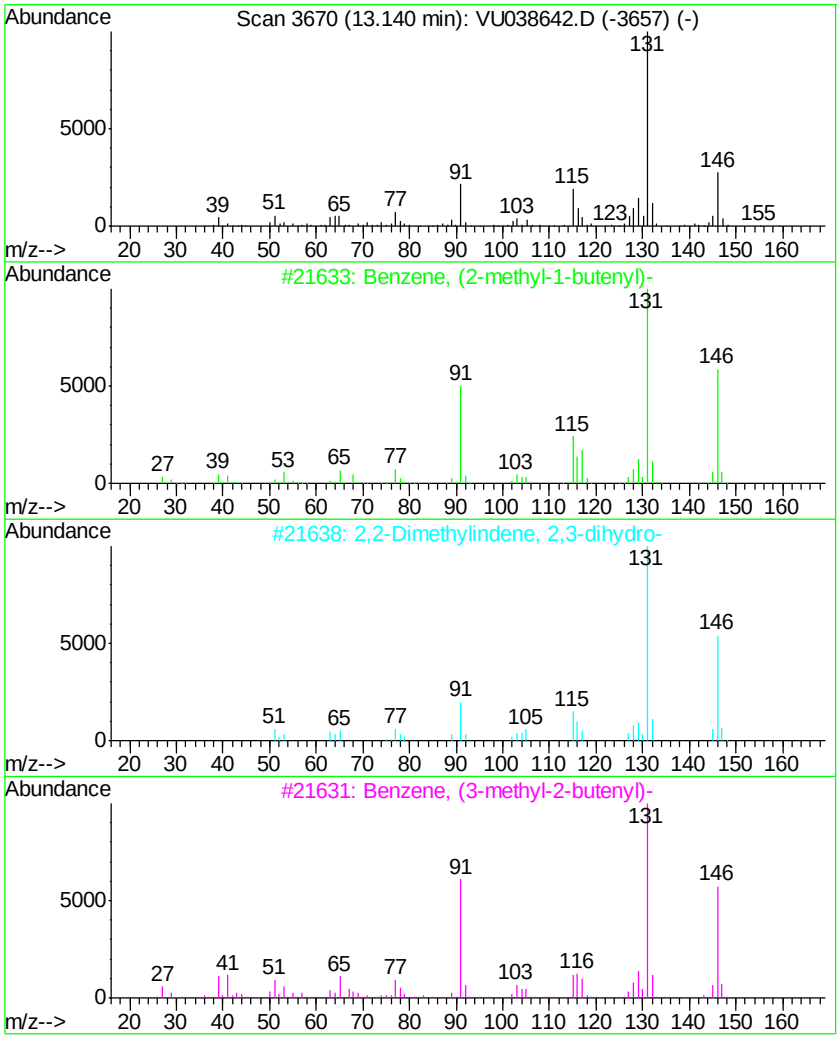
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

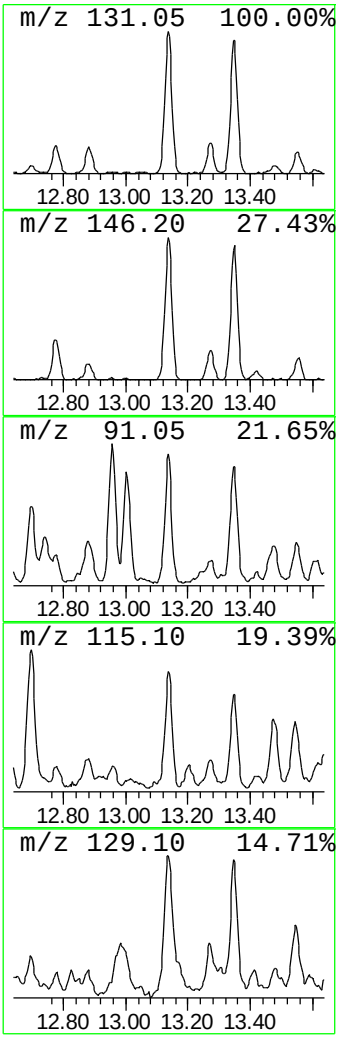
****

Peak Number 19 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	1.20 ug/L	264648	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

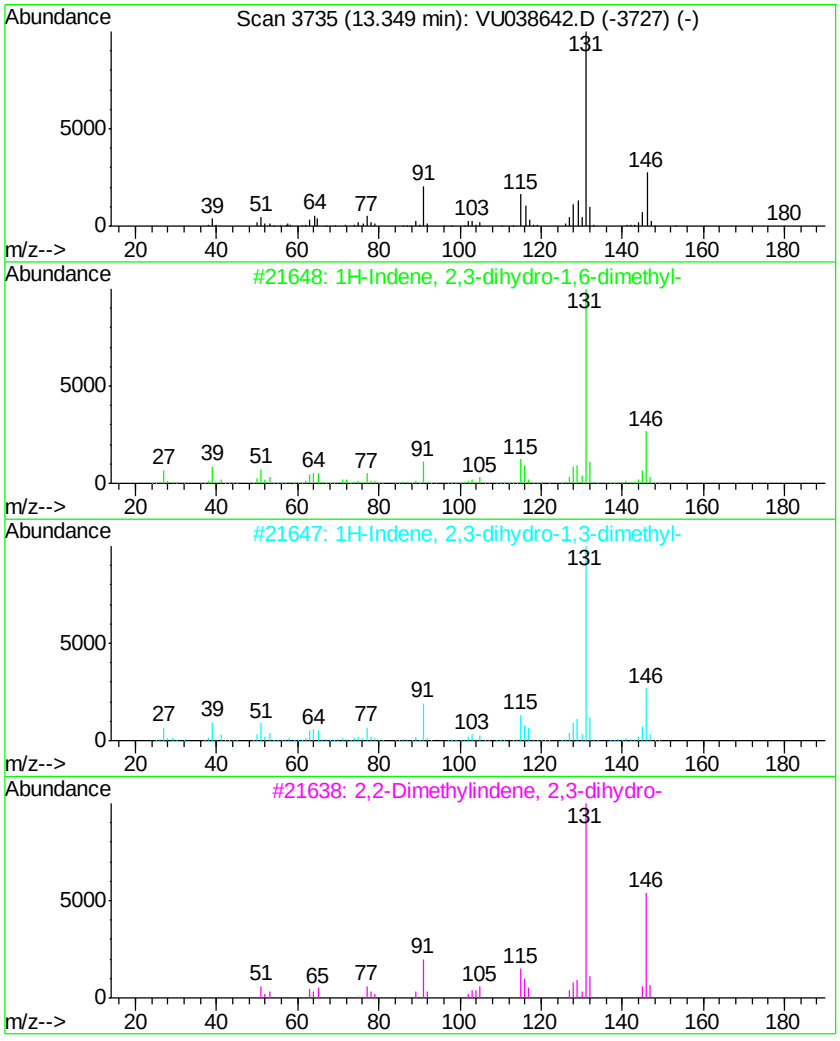
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

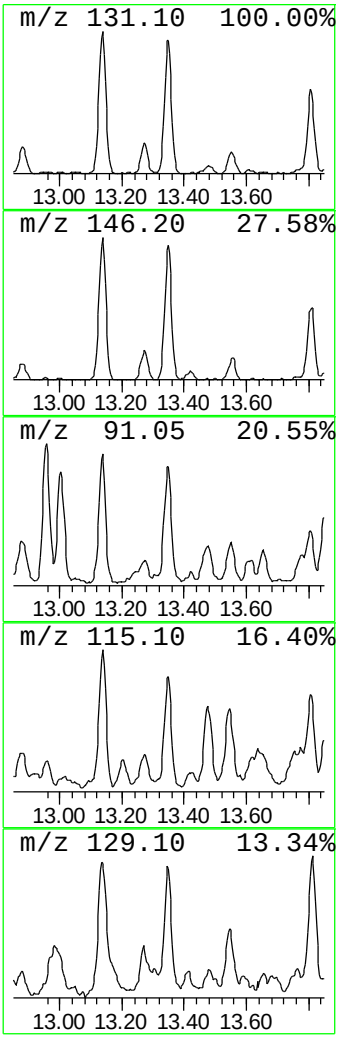
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	0.97 ug/L	212755	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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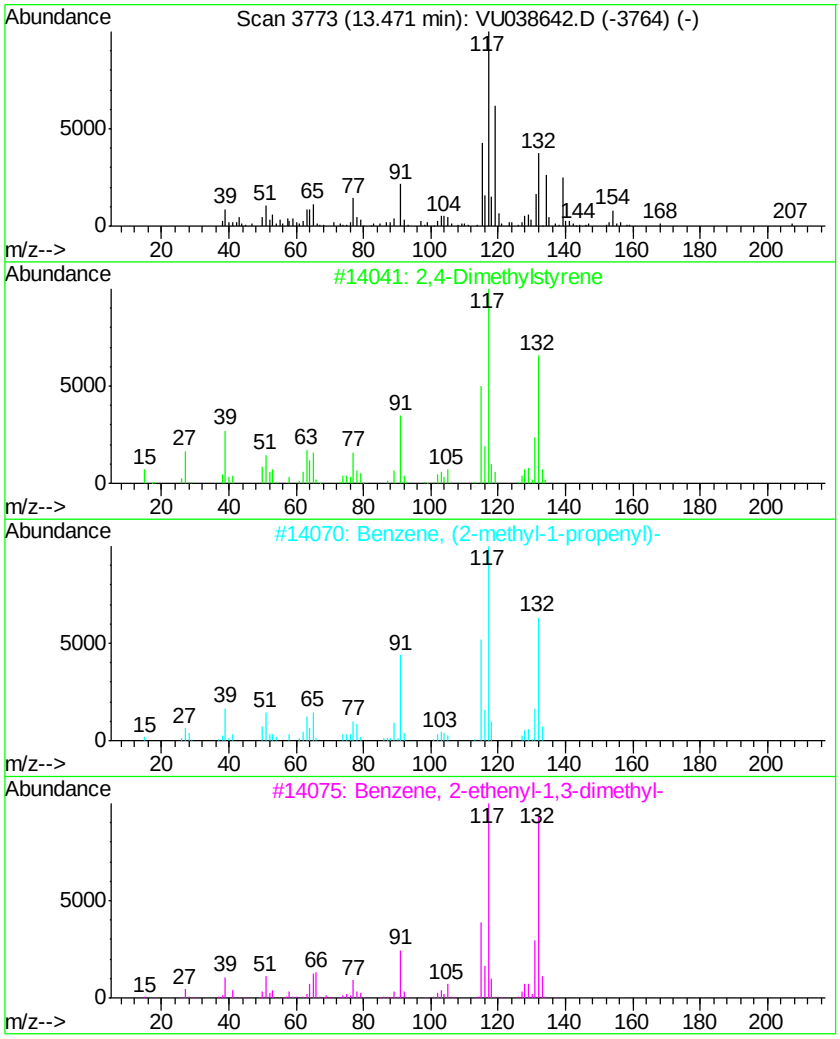
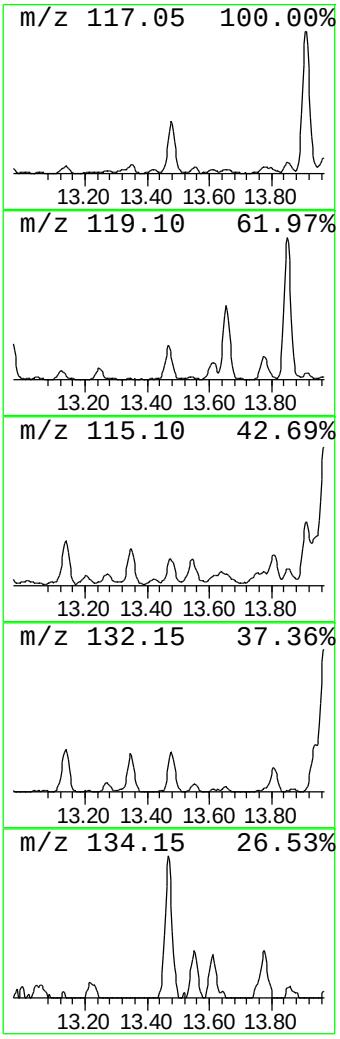
Peak Number 21 2,4-Dimethylstyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	0.68 ug/L	150851	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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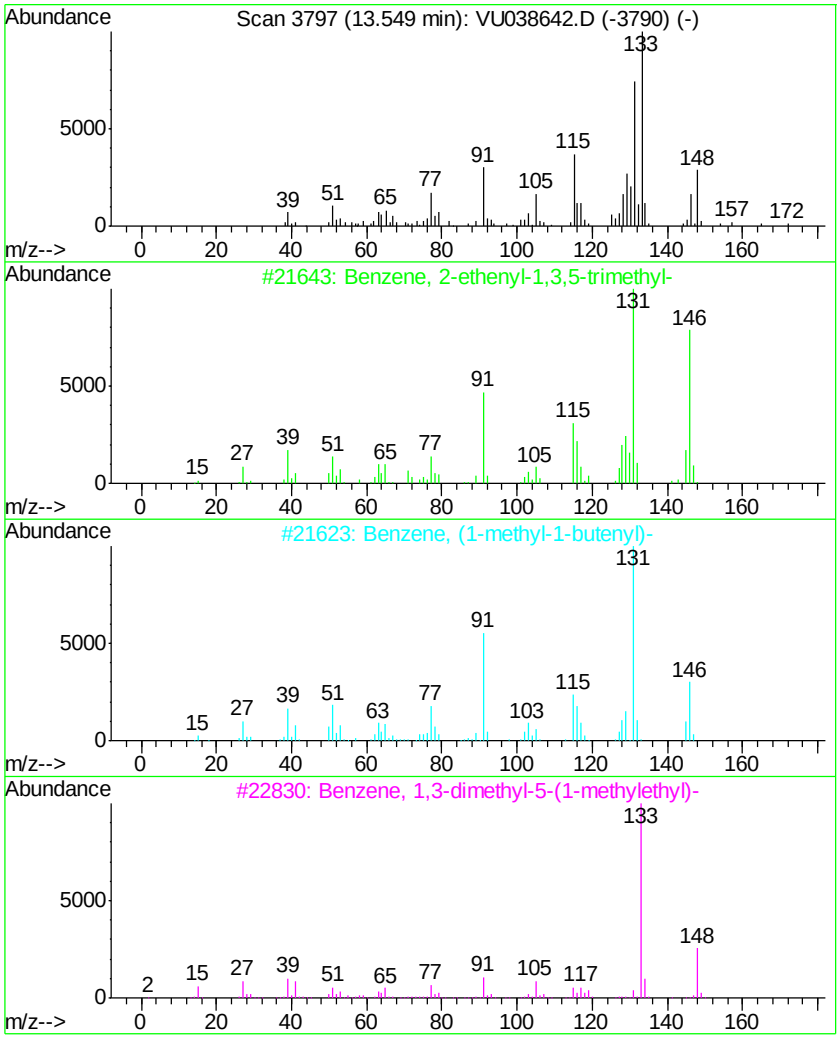
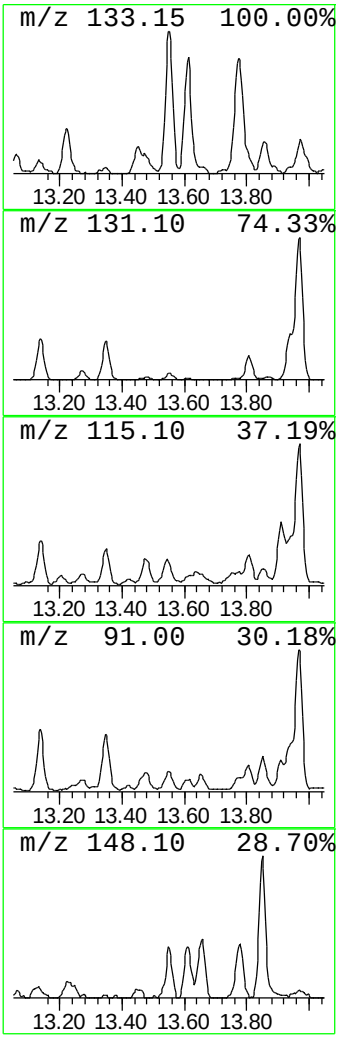
Peak Number 22 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	0.51 ug/L	111997	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	42
4	1,1-Dimethyl-1-sila-3-thiacycloh...	146	C6H14SSi	018163-14-9	42
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	41





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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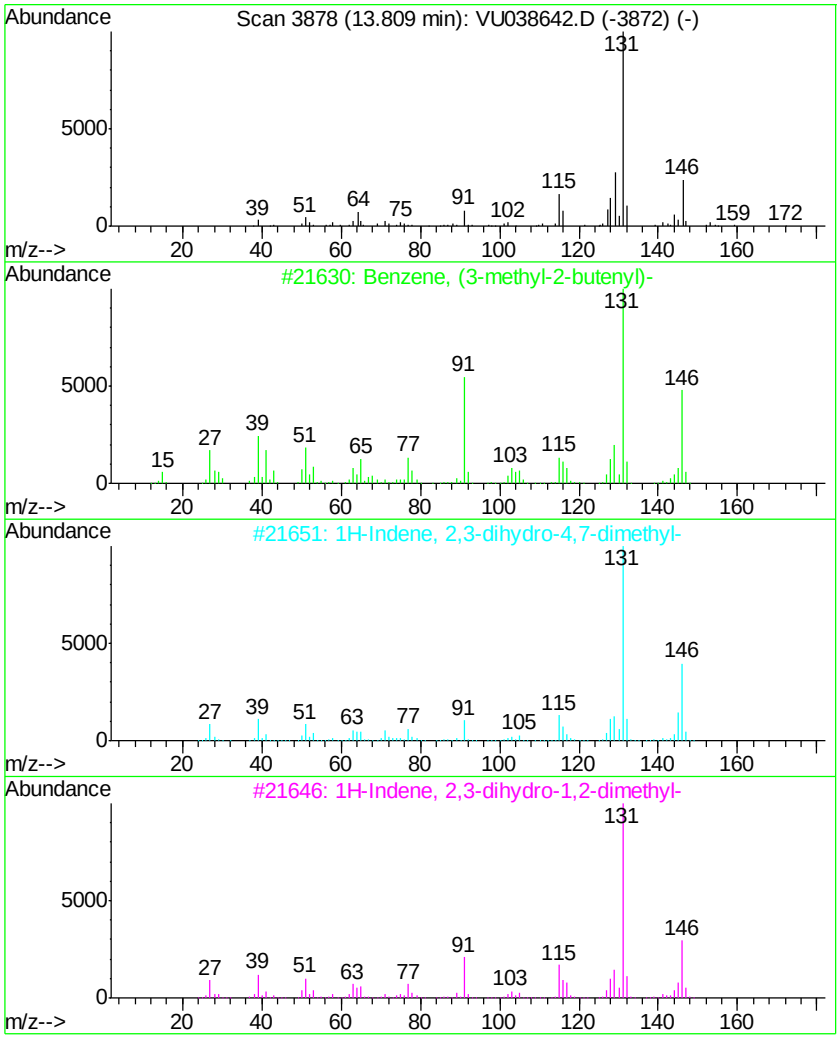
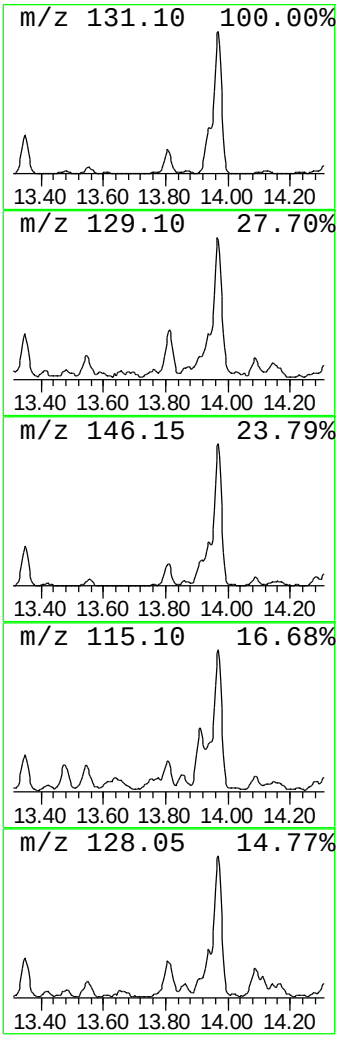
Peak Number 23 Benzene, (3-methyl-2-butenyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	0.62 ug/L	136127	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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

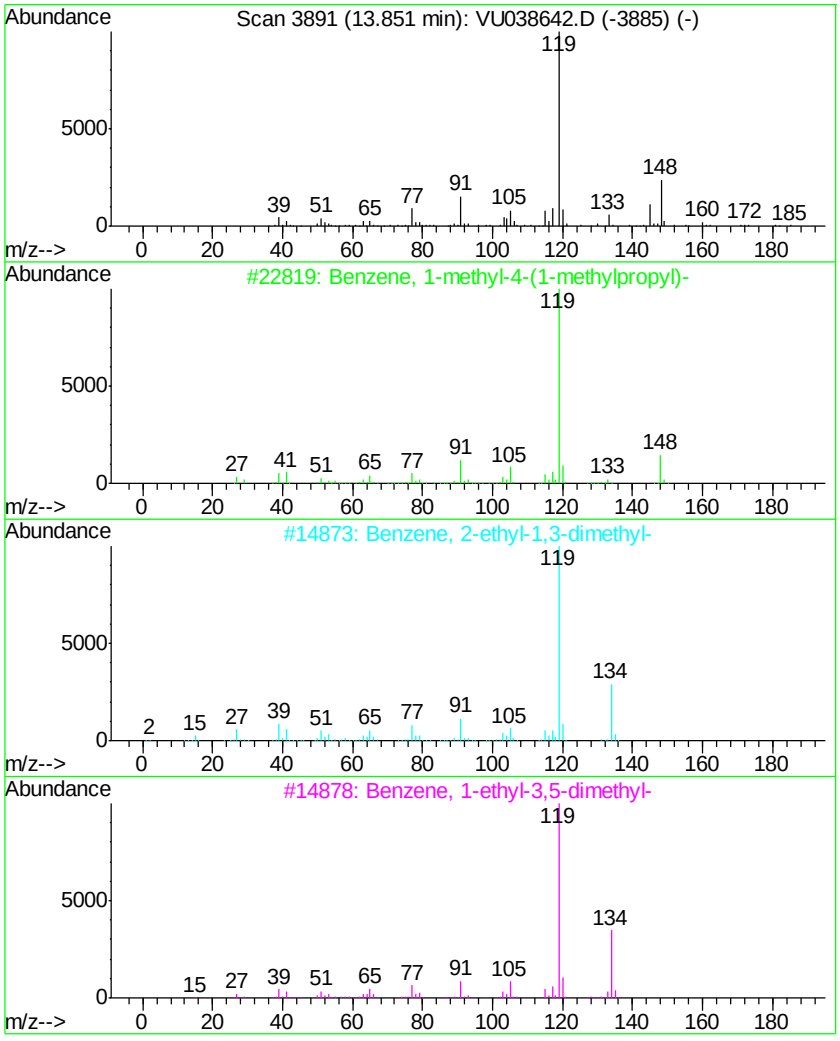
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

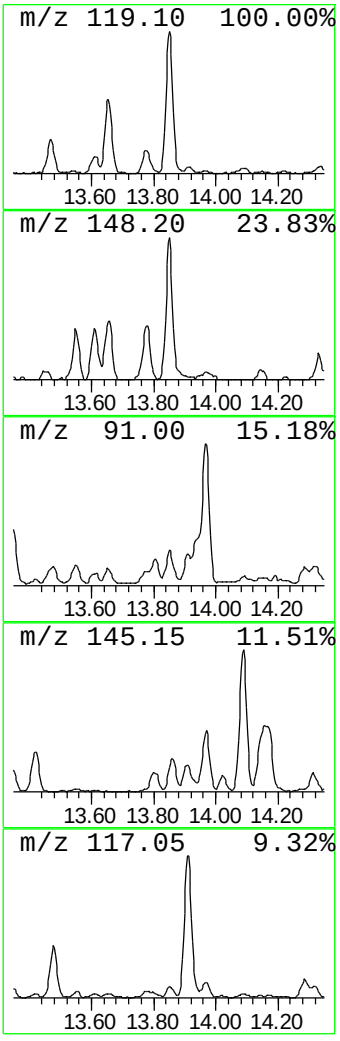
****

Peak Number 24 Benzene, 1-methyl-4-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	0.65 ug/L	144279	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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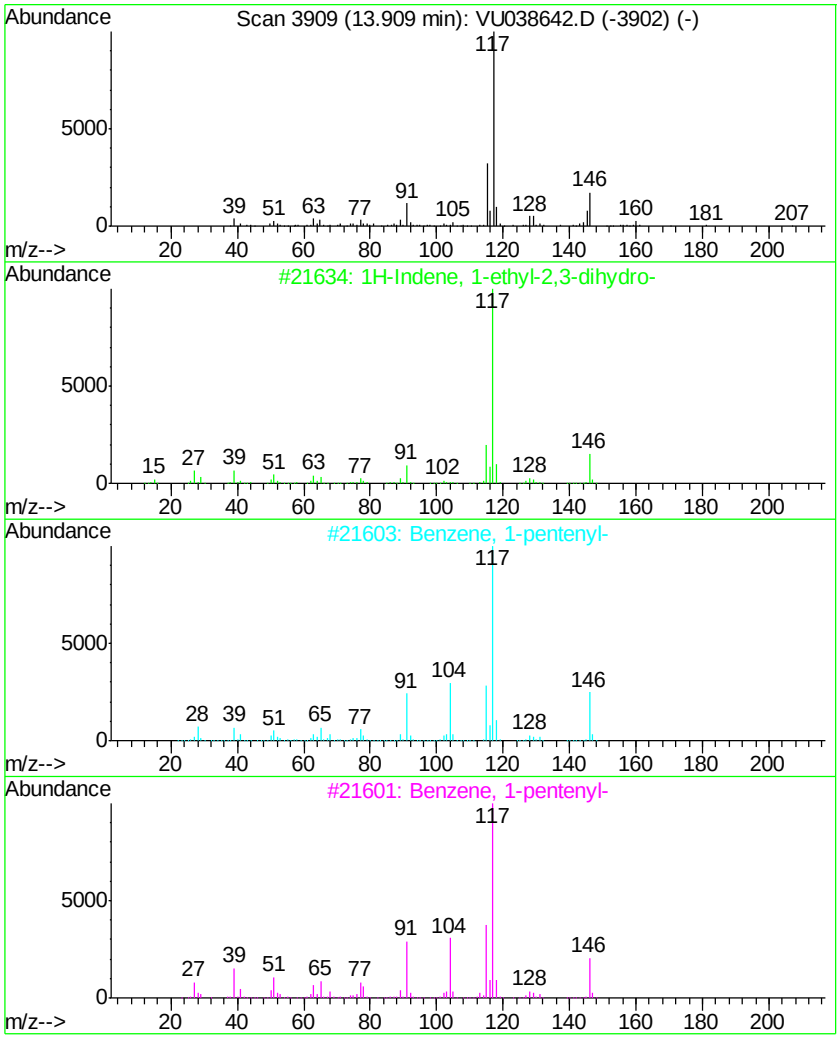
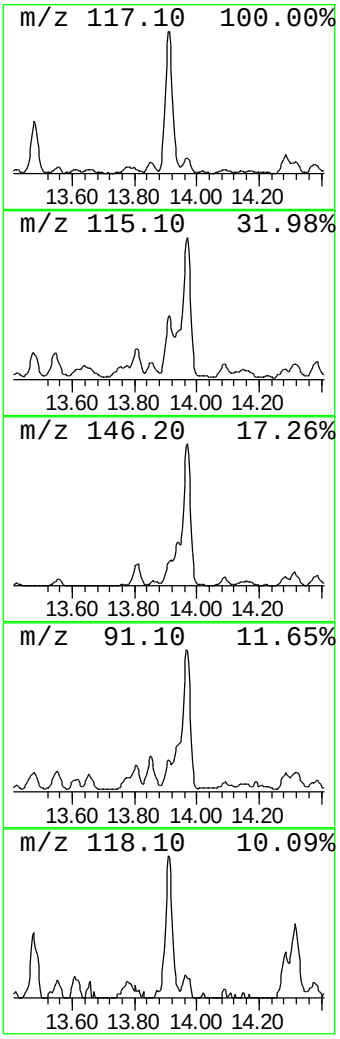
Peak Number 25 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	0.74 ug/L	163734	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	87
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	86
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	80
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	74
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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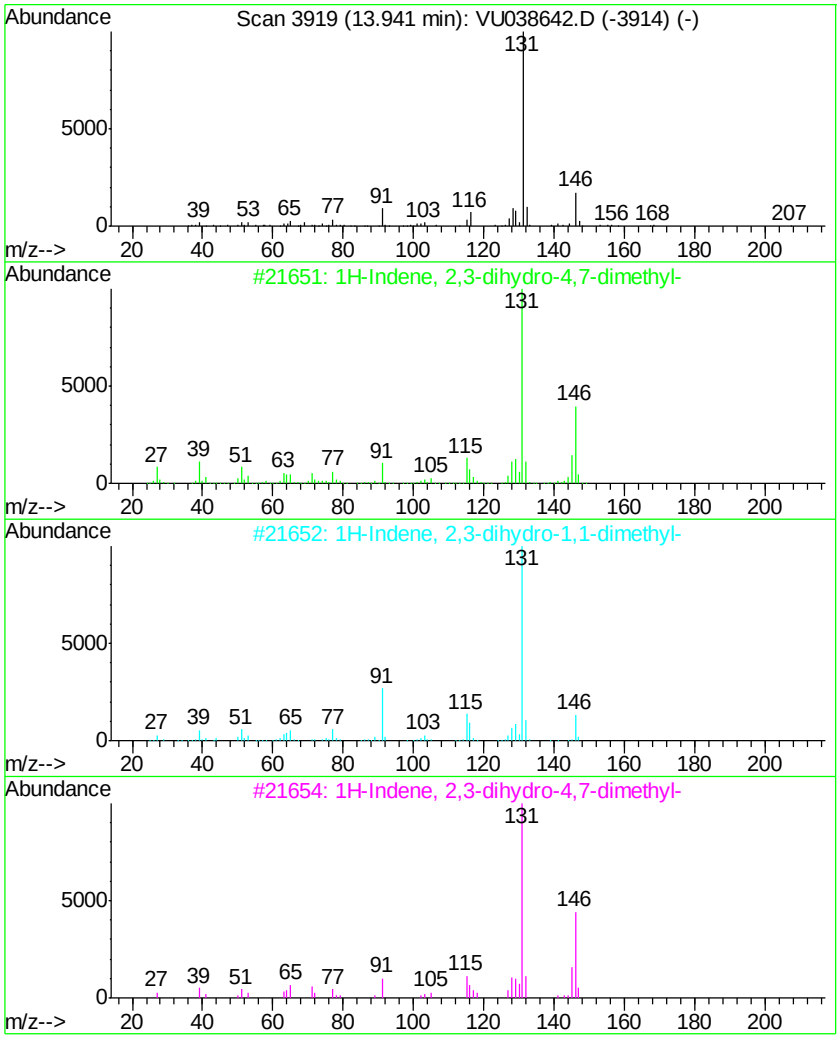
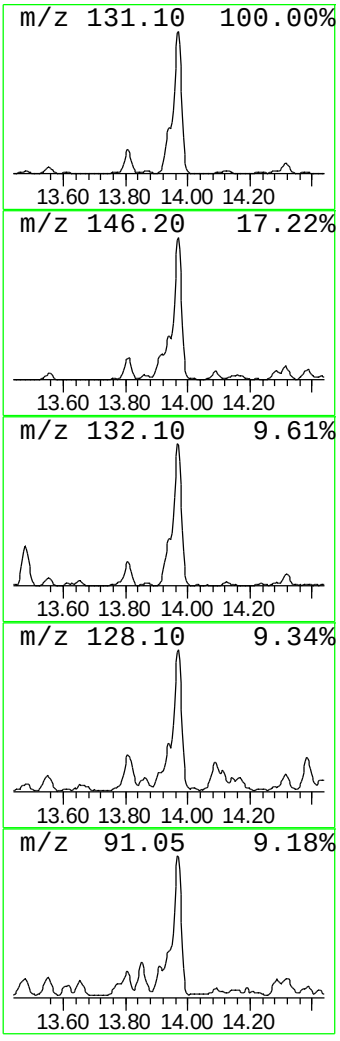
Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	0.72 ug/L	159137	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	80
5	3-Chlorotricyclo[5.2.1.0(4,8)]de...	166	C10H11Cl	074876-43-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

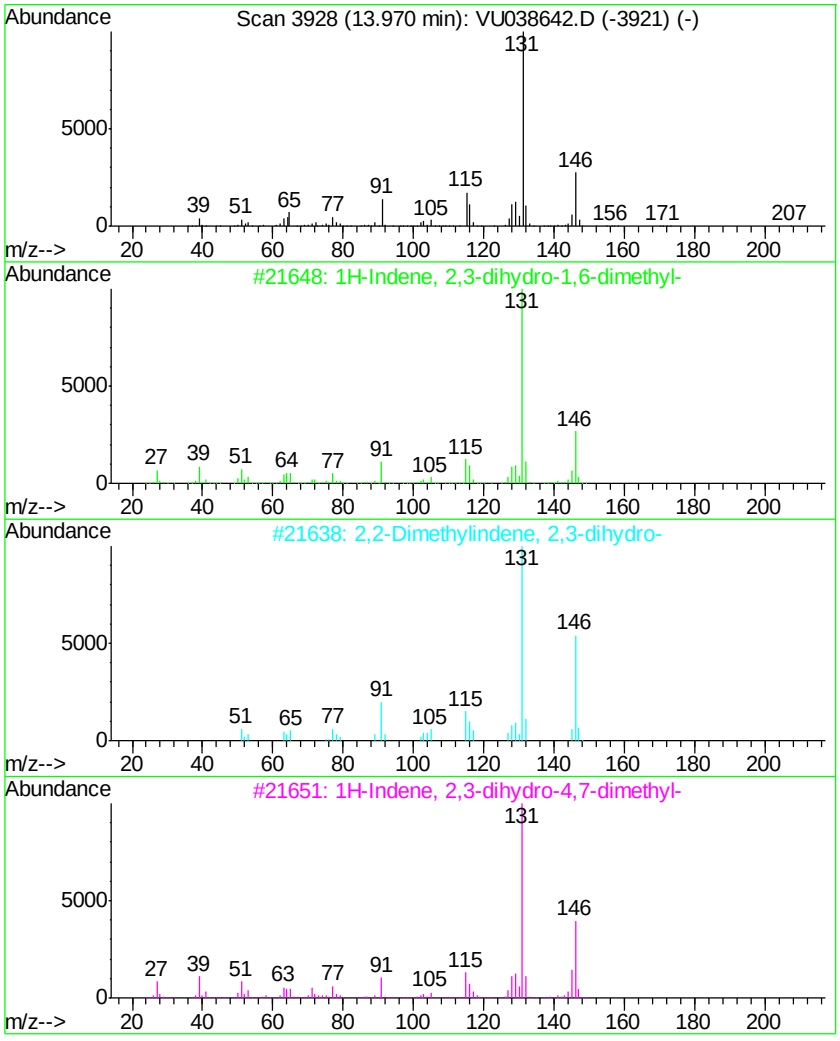
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0

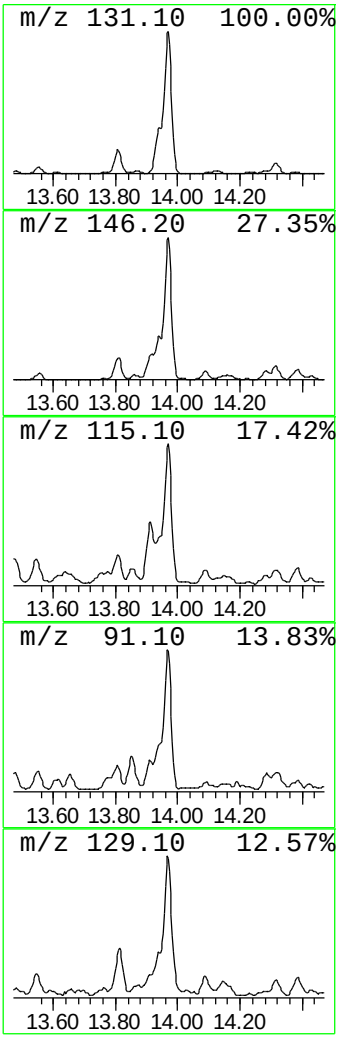
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.43 ug/L	755305	1,4-Dichlorobenzene-d4	11.82

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	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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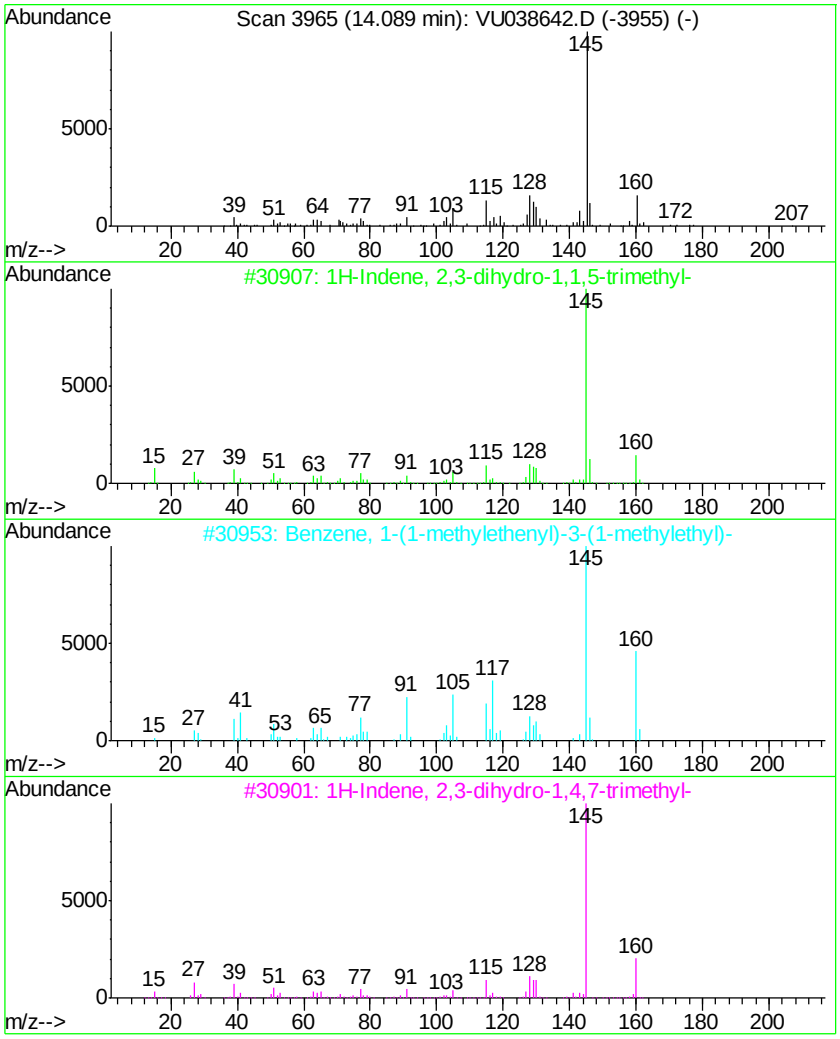
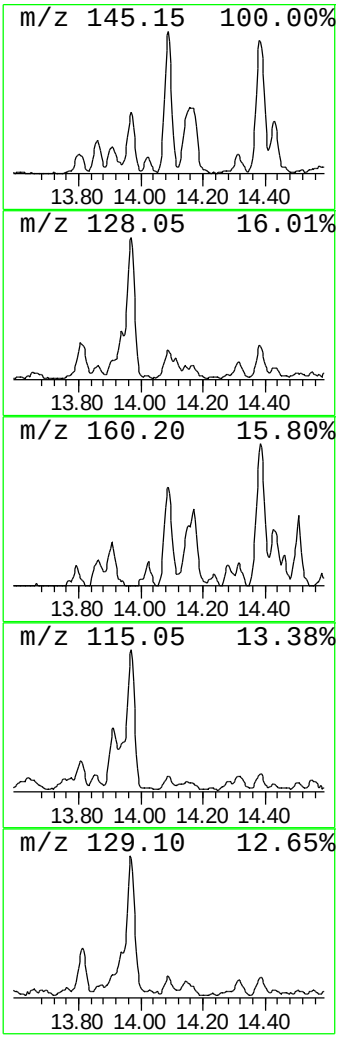
Peak Number 28 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	0.50 ug/L	110420	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	87
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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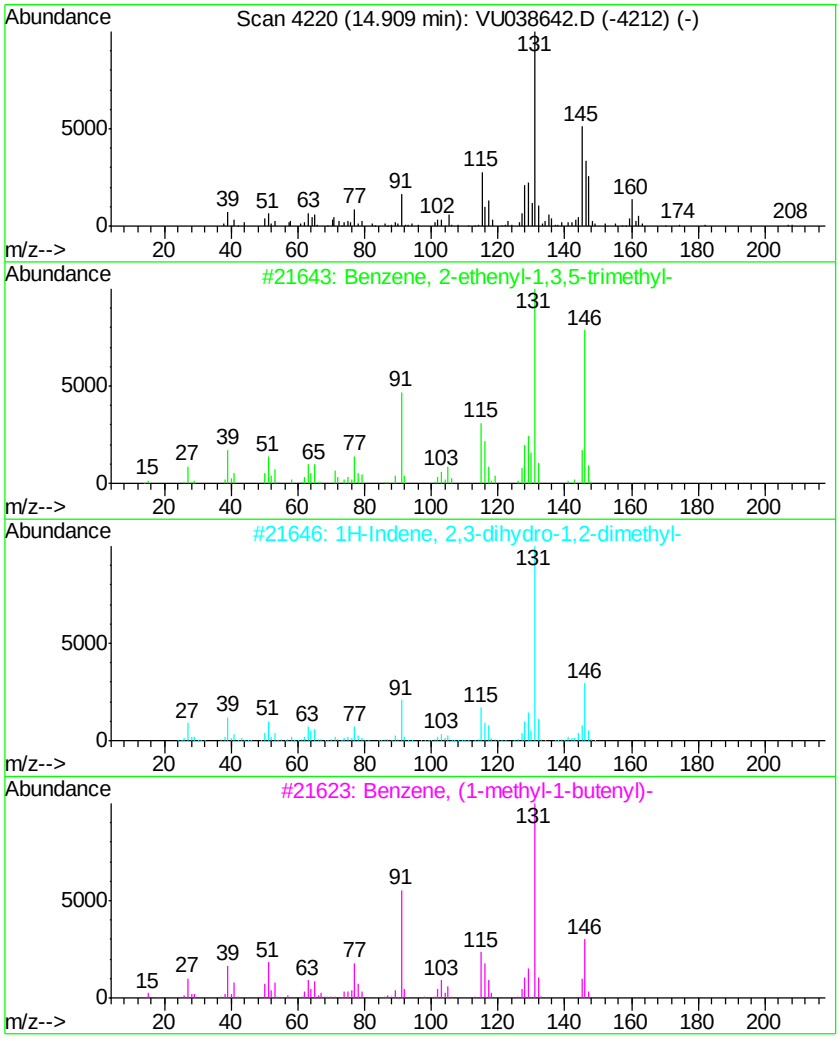
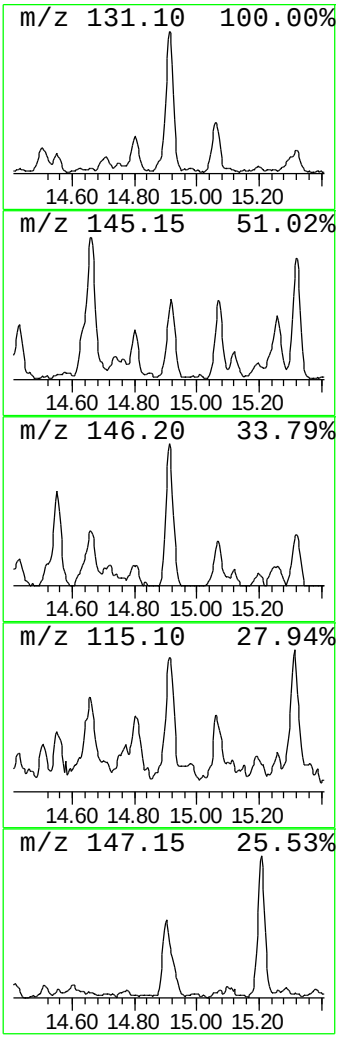
Peak Number 29 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	0.85 ug/L	187540	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	62
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	62
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	58
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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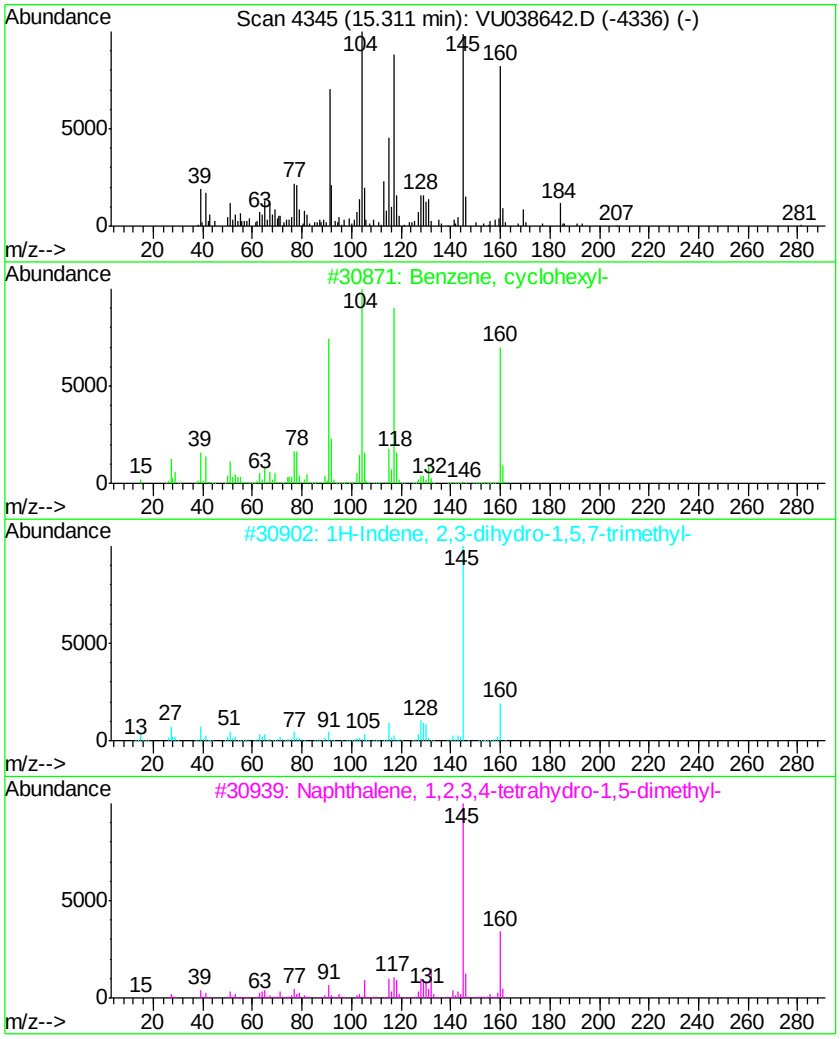
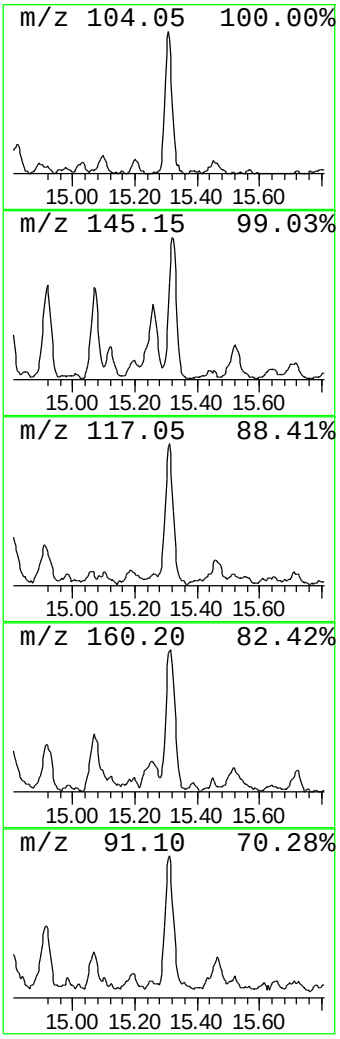
Peak Number 30 Benzene, cyclohexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	1.01 ug/L	223326	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	89
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	60
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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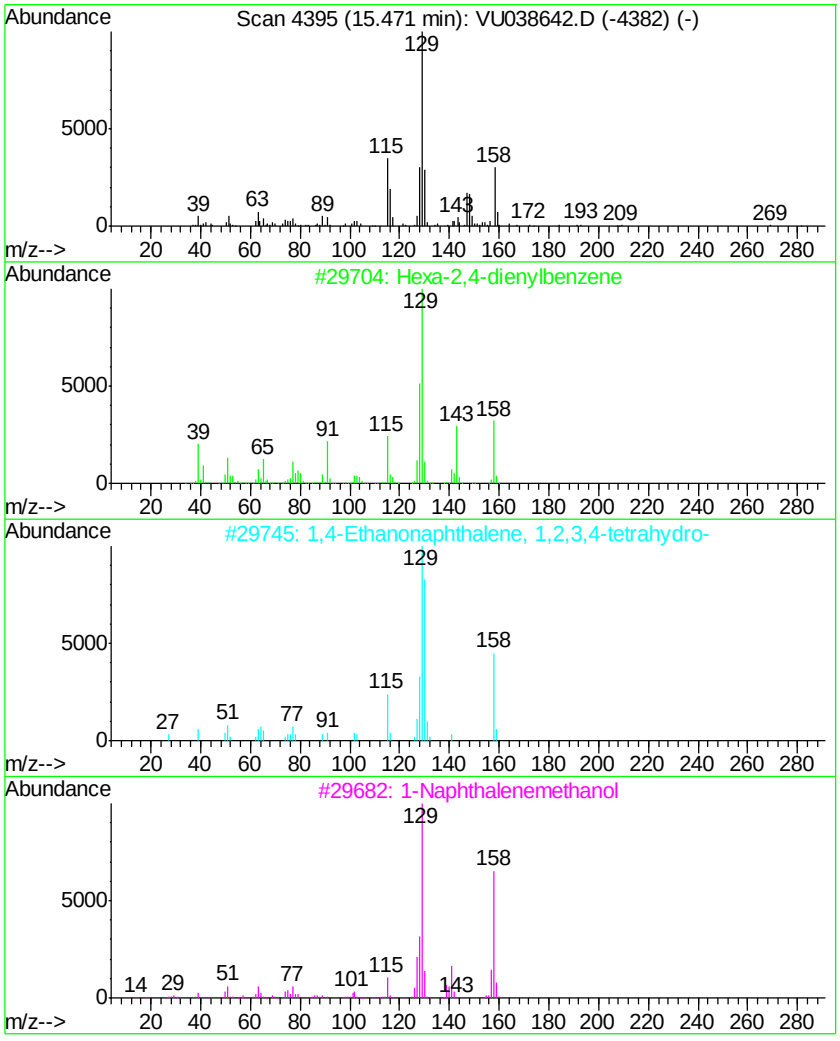
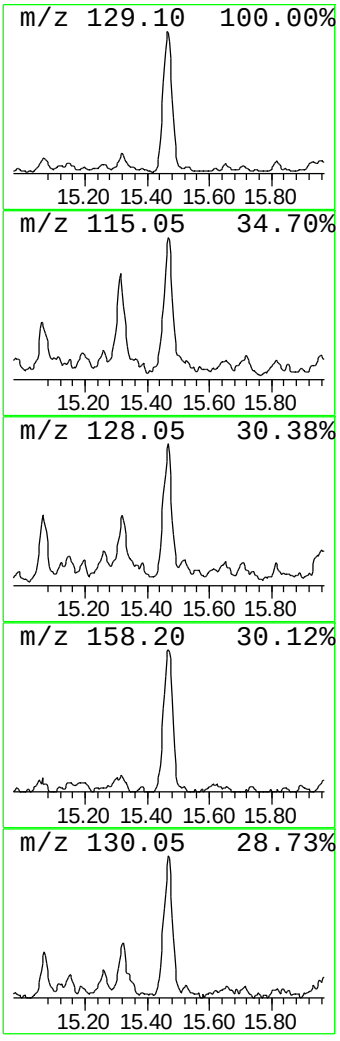
Peak Number 31 Hexa-2,4-dienylbenzene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	0.75 ug/L	166387	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	58
2	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	45
3	1-Naphthalenemethanol	158	C11H10O	004780-79-4	42
4	Hydrazine, tripropyl-	158	C9H22N2	067398-42-9	40
5	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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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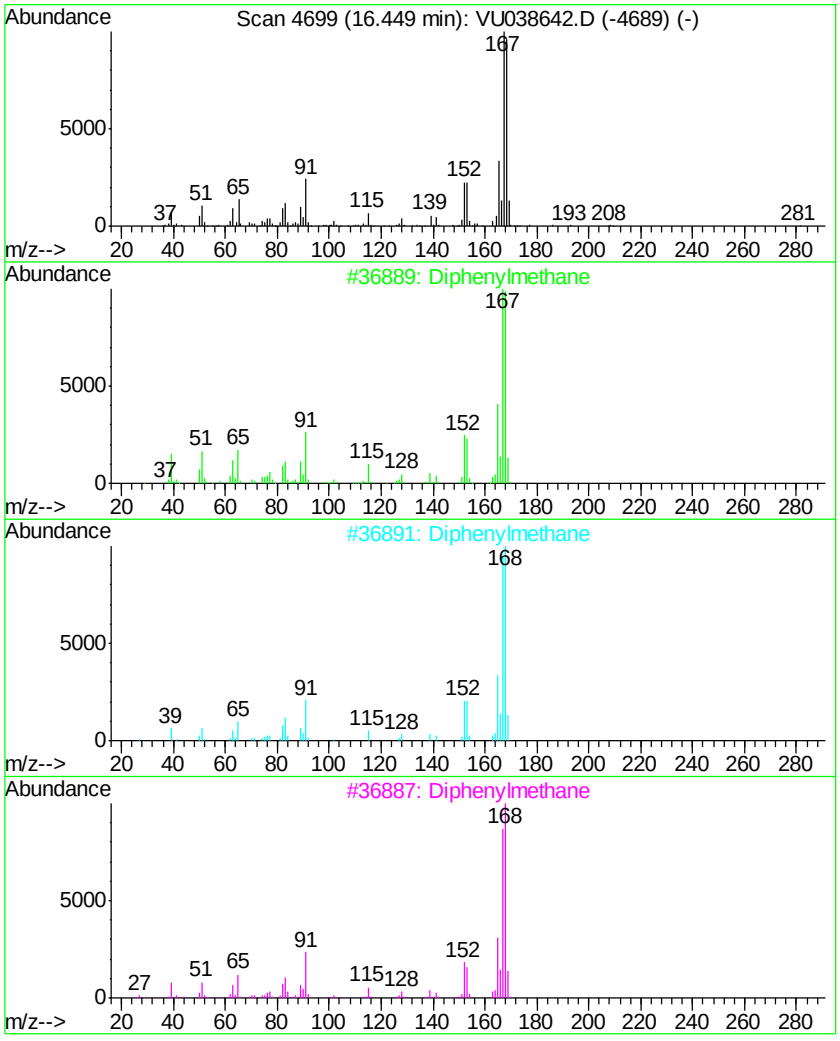
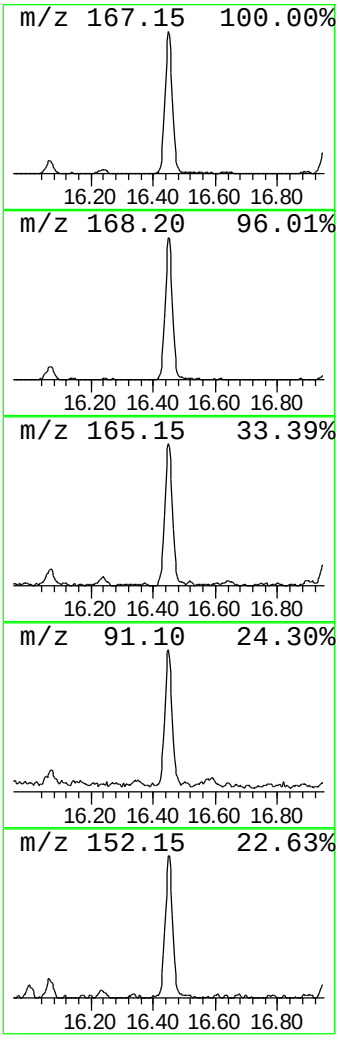
Peak Number 32 Diphenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	1.38 ug/L	304403	1,4-Dichlorobenzene-d4	11.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	97
2	Diphenylmethane	168	C13H12	000101-81-5	97
3	Diphenylmethane	168	C13H12	000101-81-5	96
4	Diphenylmethane	168	C13H12	000101-81-5	95
5	Diphenylmethane	168	C13H12	000101-81-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038642.D
Acq On : 07 Jun 2020 02:07
Operator : SY/MD
Sample : L2911-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D09

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
Trimethylsilyl fl...	1.75	0.6	ug/L	97340	1	6.28	815943	5.0
(DEL) Alkane: Str...	2.01	1.2	ug/L	198533	1	6.28	815943	5.0
(DEL) Alkane: Cyc...	3.17	0.7	ug/L	120072	1	6.28	815943	5.0
(DEL) Alkane: Cyc...	4.57	0.6	ug/L	95798	1	6.28	815943	5.0
(DEL) Alkane: Cyc...	5.67	1.4	ug/L	224705	1	6.28	815943	5.0
(DEL) Alkane: Cyc...	7.10	1.1	ug/L	174934	1	6.28	815943	5.0
(DEL) Alkane: Cyc...	7.26	1.2	ug/L	189145	1	6.28	815943	5.0
(DEL) Alkane: Cyc...	8.06	1.3	ug/L	256246	2	9.44	1011030	5.0
(DEL) Alkane: Cyc...	8.27	2.2	ug/L	448072	2	9.44	1011030	5.0
(DEL) Alkane: Cyc...	8.83	0.6	ug/L	112426	2	9.44	1011030	5.0
(DEL) Alkane: Cyc...	8.94	0.9	ug/L	183727	2	9.44	1011030	5.0
Bicyclo[3.2.1]octane	9.71	1.4	ug/L	285040	2	9.44	1011030	5.0
Benzene, (2-methy...	11.62	1.1	ug/L	237069	3	11.82	1102200	5.0
Benzene, (1-methy...	11.65	5.6	ug/L	1230580	3	11.82	1102200	5.0
Benzene, 1,2-diet...	12.11	0.8	ug/L	167032	3	11.82	1102200	5.0
Indan, 1-methyl-	12.69	0.7	ug/L	153680	3	11.82	1102200	5.0
Benzene, pentyl-	12.96	0.6	ug/L	123673	3	11.82	1102200	5.0
Benzene, (2-methy...	13.14	1.2	ug/L	264648	3	11.82	1102200	5.0
1H-Indene, 2,3-di...	13.35	1.0	ug/L	212755	3	11.82	1102200	5.0
2,4-Dimethylstyrene	13.47	0.7	ug/L	150851	3	11.82	1102200	5.0
unknown-01	13.55	0.5	ug/L	111997	3	11.82	1102200	5.0
Benzene, (3-methy...	13.81	0.6	ug/L	136127	3	11.82	1102200	5.0
Benzene, 1-methyl...	13.85	0.7	ug/L	144279	3	11.82	1102200	5.0
1H-Indene, 1-ethy...	13.91	0.7	ug/L	163734	3	11.82	1102200	5.0
1H-Indene, 2,3-di...	13.94	0.7	ug/L	159137	3	11.82	1102200	5.0
1H-Indene, 2,3-di...	13.97	3.4	ug/L	755305	3	11.82	1102200	5.0
1H-Indene, 2,3-di...	14.09	0.5	ug/L	110420	3	11.82	1102200	5.0
Benzene, 2-etheny...	14.91	0.8	ug/L	187540	3	11.82	1102200	5.0
Benzene, cyclohexyl-	15.31	1.0	ug/L	223326	3	11.82	1102200	5.0
Hexa-2,4-dienylbe...	15.47	0.8	ug/L	166387	3	11.82	1102200	5.0
Diphenylmethane	16.45	1.4	ug/L	304403	3	11.82	1102200	5.0