LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

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\SOMUTR101719WMA.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	1.617	75	86	98	rBV3	174070	243083	10.75%	0.876%
2	1.935	177	185	196	rVB	117063	150104	6.64%	0.541%
3	2.597	380	391	406	rBV	211464	347909	15.39%	1.254%
4	3.054	521	533	544	rBV6	26579	67394	2.98%	0.243%
5	3.112	545	551	560	rVV2	19863	39324	1.74%	0.142%
6	3.173	561	570	588	rVV4	25657	68488	3.03%	0.247%
7	3.395	626	639	660	rVB3	45383	101348	4.48%	0.365%
8	3.616	693	708	727	rBV2	19884	45866	2.03%	0.165%
9	4.025	818	835	853	rVB	83416	197929	8.76%	0.713%
10	4.137	856	870	884	rBV3	33451	82275	3.64%	0.297%
11	4.385	931	947	967	rVB3	75716	181152	8.01%	0.653%
12	4.578	988	1007	1020	rBV	92705	222282	9.83%	0.801%
13	4.658	1020	1032	1036	rVV2	37461	70791	3.13%	0.255%
14	4.710	1037	1048	1084	rVB	186862	516044	22.83%	1.860%
15	5.115	1159	1174	1201	rBV	186499	470266	20.81%	1.695%
16	5.433	1258	1273	1285	rBV3	95684	226633	10.03%	0.817%
17	5.501	1287	1294	1317	rVB7	30668	103514	4.58%	0.373%
18	5.678	1340	1349	1360	rVV3	19528	41084	1.82%	0.148%
19	5.771	1360	1378	1405	rVV3	393593	1085579	48.03%	3.913%
20	5.893	1408	1416	1419	rVV3	26642	48154	2.13%	0.174%
21	5.935	1420	1429	1443	rVV2	101334	239325	10.59%	0.863%
22	6.015	1443	1454	1469	rVV6	52912	156603	6.93%	0.565%
23	6.169	1488	1502	1514	rBV3	25559	49719	2.20%	0.179%
24	6.295	1526	1541	1547	rBV	372060	722355	31.96%	2.604%
25	6.501	1596	1605	1618	rVB	44785	80421	3.56%	0.290%
26	6.597	1621	1635	1653	rVB4	83093	226749	10.03%	0.817%
27	6.735	1664	1678	1709	rBV	246950	665395	29.44%	2.399%
28	7.198	1805	1822	1825	rBV4	80569	144998	6.41%	0.523%
29	7.295	1840	1852	1865	rVB6	51190	117413	5.19%	0.423%
30	7.411	1867	1888	1903	rBV3	45445	110630	4.89%	0.399%
31	7.501	1903	1916	1926	rVB4	25638	58190	2.57%	0.210%
32	7.603	1932	1948	1968	rBV2	141600	362825	16.05%	1.308%
33	7.793	1999	2007	2025	rVB4	54278	104877	4.64%	0.378%
34	7.935	2029	2051	2063	rBV	510583	996943	44.11%	3.594%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

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\SOMUTR101719WMA.M
Title : TRACE VOA SOM01.0

35	8.073	2083	2094	2102	rBV	57161	111439	4.93%	0.402%
36	8.218	2129	2139	2148	rBV2	78725	136552	6.04%	0.492%
37	8.279	2148	2158	2170	rVB5	82733	167368	7.40%	0.603%
38	8.349	2172	2180	2187	rBV6	25338	53049	2.35%	0.191%
39	8.398	2188	2195	2199	rVV4	55587	91348	4.04%	0.329%
40	8.443	2200	2209	2231	rVB	367039	667246	29.52%	2.405%
41	8.536	2232	2238	2251	rVB3	28817	47641	2.11%	0.172%
42	8.626	2255	2266	2274	rBV4	52837	95526	4.23%	0.344%
43	8.687	2274	2285	2294	rBV	396123	839925	37.16%	3.028%
44	8.738	2295	2301	2317	rVV	309153	654265	28.95%	2.358%
45	8.812	2319	2324	2347	rVB5	127855	285092	12.61%	1.028%
46	9.108	2402	2416	2431	rBV3	165411	314611	13.92%	1.134%
47	9.218	2438	2450	2458	rBV7	24869	52603	2.33%	0.190%
48	9.292	2460	2473	2483	rVV2	41427	97756	4.32%	0.352%
49	9.359	2487	2494	2504	rVB3	41620	70201	3.11%	0.253%
50	9.449	2511	2522	2532	rBV	472442	865949	38.31%	3.121%
51	9.555	2546	2555	2563	rVV4	128320	221637	9.81%	0.799%
52	9.603	2563	2570	2586	rVB	139180	262854	11.63%	0.948%
53	9.719	2596	2606	2620	rVB5	134752	298039	13.19%	1.074%
54	9.918	2658	2668	2684	rVB9	47114	130788	5.79%	0.471%
55	10.047	2698	2708	2716	rBV5	41410	73843	3.27%	0.266%
56	10.095	2717	2723	2731	rVB3	34870	54126	2.39%	0.195%
57	10.182	2732	2750	2763	rVB7	28729	93743	4.15%	0.338%
58	10.320	2765	2793	2803	rBV8	69234	240430	10.64%	0.867%
59	10.398	2812	2817	2830	rVB4	42272	72435	3.20%	0.261%
60	10.513	2844	2853	2859	rBV3	72880	117549	5.20%	0.424%
61	10.555	2860	2866	2871	rVV2	68860	104605	4.63%	0.377%
62	10.591	2872	2877	2888	rVB2	69129	103661	4.59%	0.374%
63	10.719	2902	2917	2928	rVB5	93591	185718	8.22%	0.669%
64	10.790	2928	2939	2965	rVB	210470	402685	17.82%	1.452%
65	10.925	2970	2981	2992	rBV4	22786	52707	2.33%	0.190%
66	11.324	3098	3105	3113	rVV2	29087	47818	2.12%	0.172%
67	11.446	3133	3143	3153	rBV	121019	196944	8.71%	0.710%
68	11.568	3171	3181	3191	rBV6	41526	73614	3.26%	0.265%
69	11.639	3193	3203	3206	rVV5	41590	71026	3.14%	0.256%
70	11.671	3207	3213	3223	rVB2	93650	150000	6.64%	0.541%
71	11.780	3239	3247	3255	rBV2	22218	39211	1.73%	0.141%

LSC Area Percent Report

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Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

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\SOMUTR101719WMA.M
Title : TRACE VOA SOM01.0

72	11.844	3255	3267	3288	rVB	438954	857237	37.93%	3.090%
73	12.034	3316	3326	3338	rVB	135349	216713	9.59%	0.781%
74	12.121	3344	3353	3365	rBV3	52834	86297	3.82%	0.311%
75	12.214	3369	3382	3405	rVV4	1186275	2260302	100.00%	8.148%
76	12.343	3413	3422	3432	rVB6	43215	84834	3.75%	0.306%
77	12.404	3433	3441	3459	rVB	62102	112698	4.99%	0.406%
78	12.587	3481	3498	3510	rBV6	55704	174658	7.73%	0.630%
79	12.658	3510	3520	3526	rBV4	46832	92786	4.11%	0.334%
80	12.787	3552	3560	3572	rVB	280784	454862	20.12%	1.640%
81	12.889	3573	3592	3606	rBV2	491947	858615	37.99%	3.095%
82	12.967	3607	3616	3623	rBV3	68215	106053	4.69%	0.382%
83	13.012	3623	3630	3640	rVV2	50334	87966	3.89%	0.317%
84	13.143	3659	3671	3683	rVB	703304	1103992	48.84%	3.980%
85	13.275	3694	3712	3722	rBV2	291410	637484	28.20%	2.298%
86	13.352	3723	3736	3748	rVV	1279788	2004727	88.69%	7.226%
87	13.420	3748	3757	3768	rVV	87236	150013	6.64%	0.541%
88	13.481	3770	3776	3788	rVV3	35930	69342	3.07%	0.250%
89	13.552	3788	3798	3810	rVV3	277803	451907	19.99%	1.629%
90	13.655	3823	3830	3844	rVB7	45981	91682	4.06%	0.330%
91	13.815	3867	3880	3888	rBV	148648	258885	11.45%	0.933%
92	13.857	3888	3893	3899	rVV	53986	83140	3.68%	0.300%
93	13.909	3899	3909	3925	rVB2	458463	762149	33.72%	2.747%
94	14.143	3974	3982	3986	rBV2	74060	116352	5.15%	0.419%
95	14.217	3997	4005	4015	rVB6	42339	79437	3.51%	0.286%
96	14.311	4026	4034	4044	rVV	181615	299173	13.24%	1.078%
97	14.372	4044	4053	4067	rVB2	77643	137008	6.06%	0.494%
98	14.738	4156	4167	4181	rVB5	22518	56994	2.52%	0.205%
99	14.902	4210	4218	4232	rVB4	47759	88511	3.92%	0.319%
100	15.449	4376	4388	4398	rVB3	34678	68307	3.02%	0.246%

Sum of corrected areas: 27741790

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
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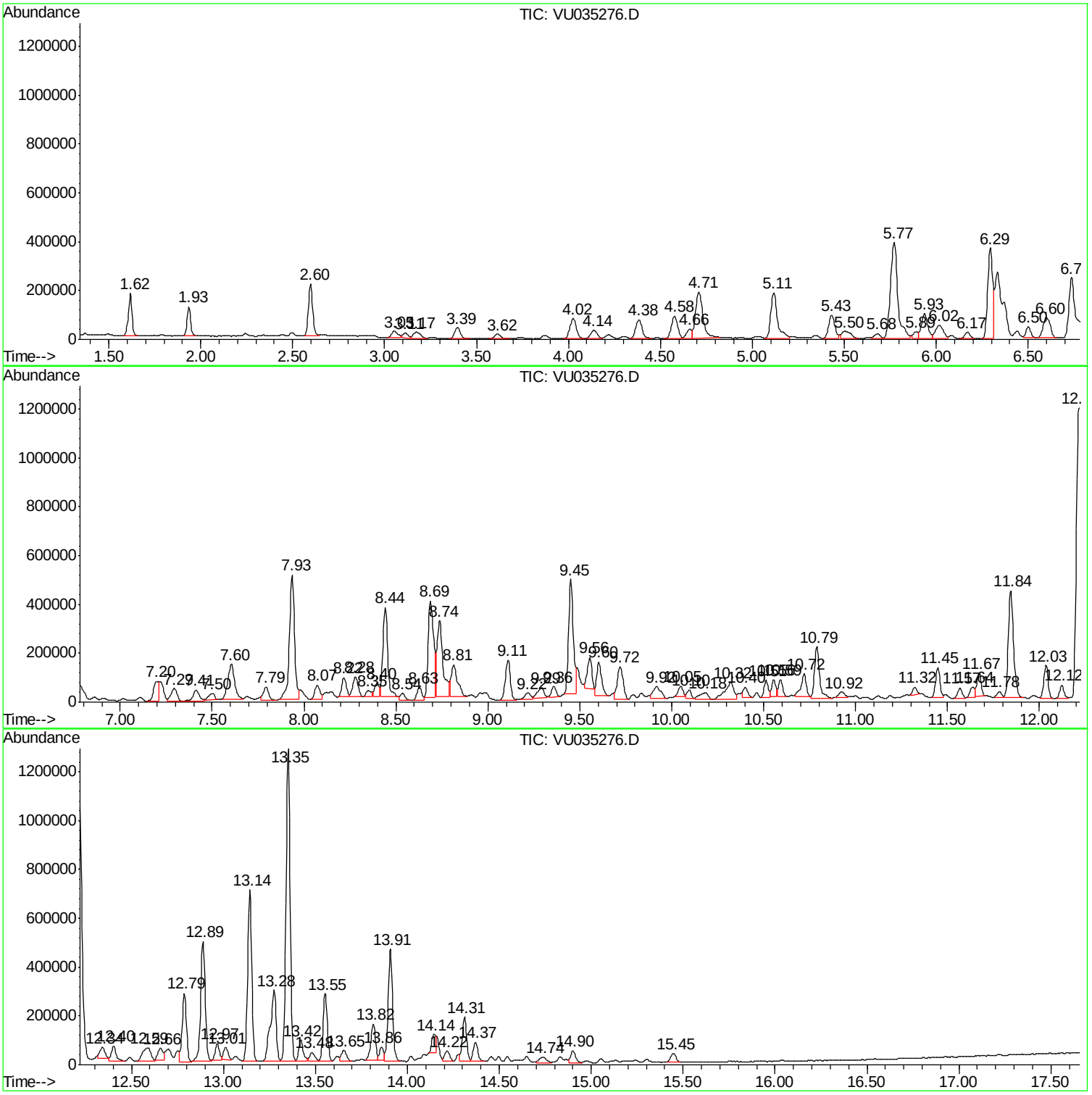
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.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\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

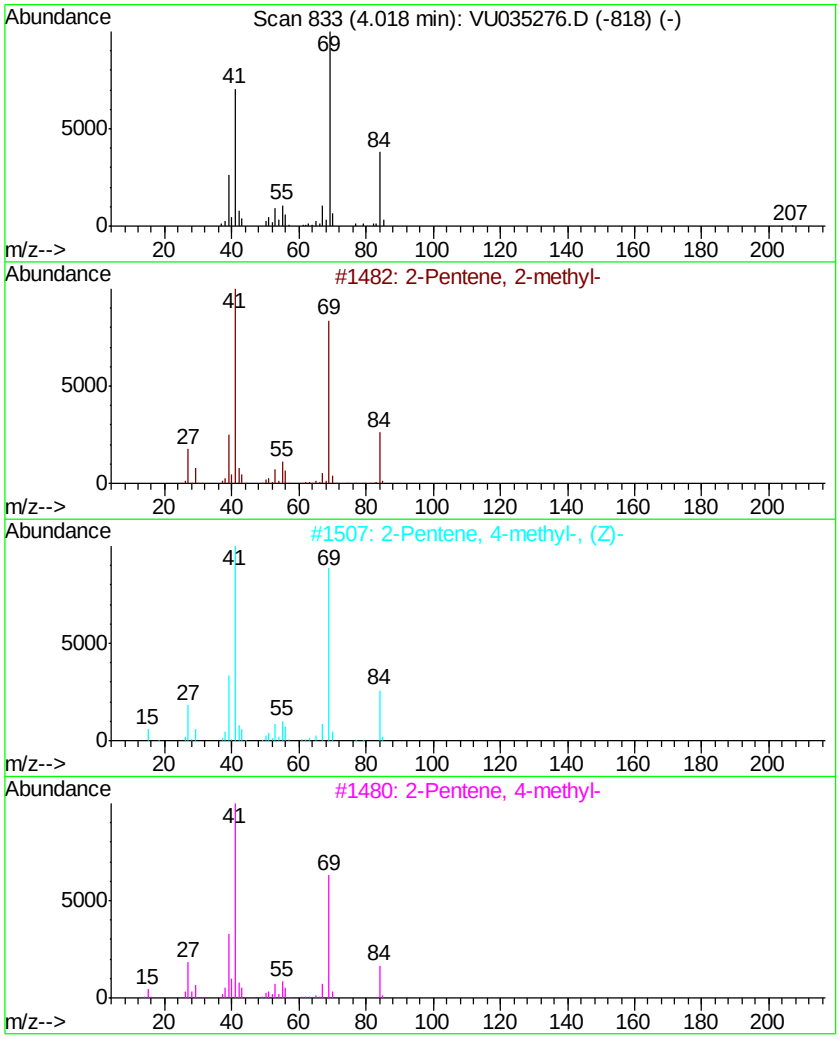
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

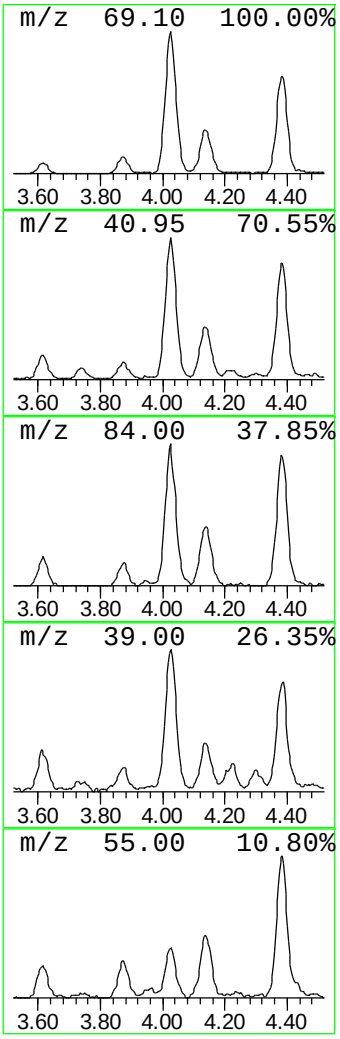
****

Peak Number 1 (DEL) Alkane: Cyclic4.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	1.37 ug/L	197929	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	91
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	91
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

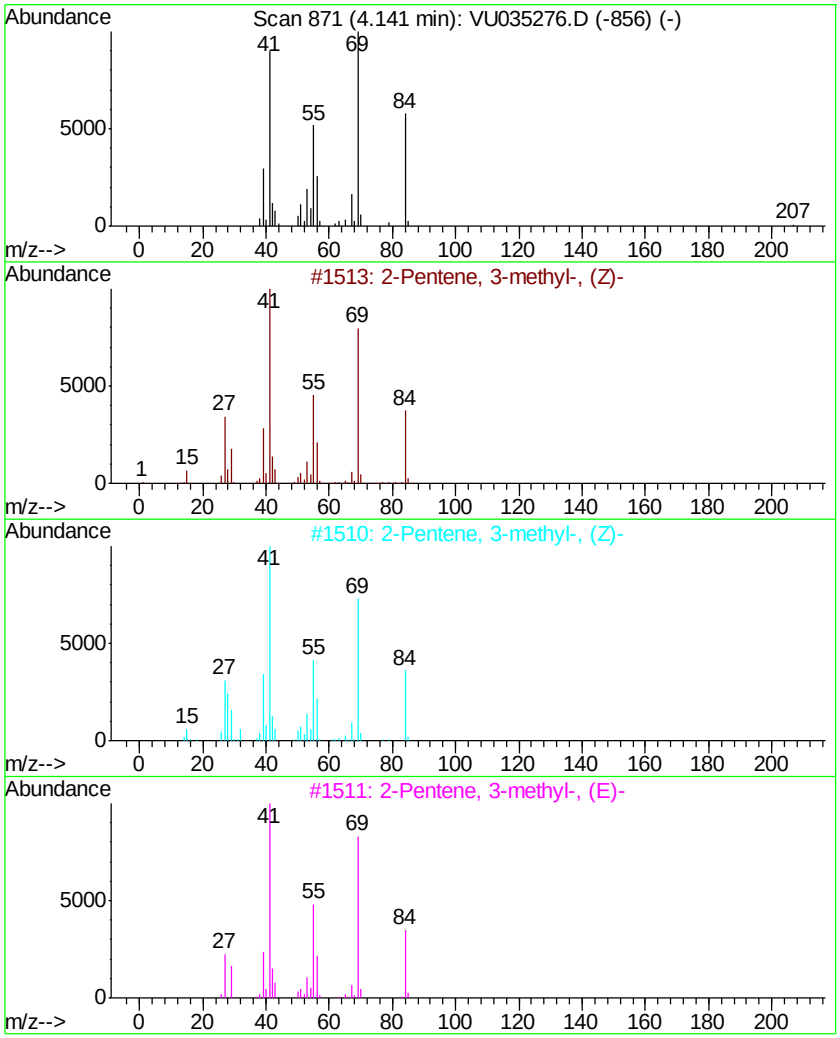
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

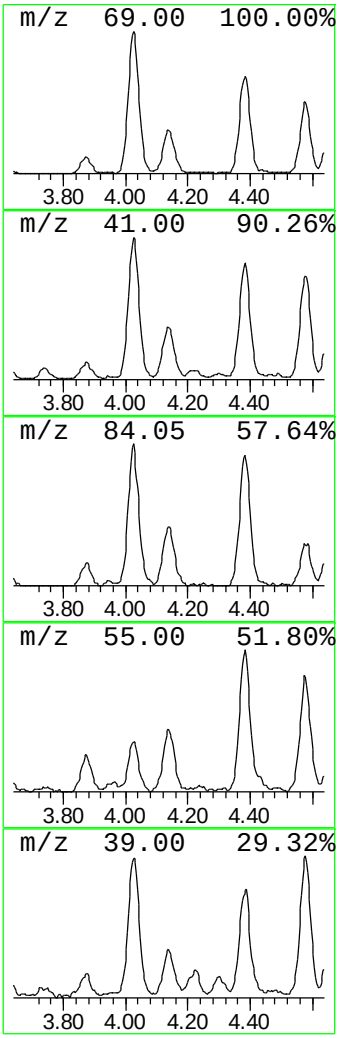
****

Peak Number 2 (DEL) Alkane: Cyclic4.14 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	0.57 ug/L	82275	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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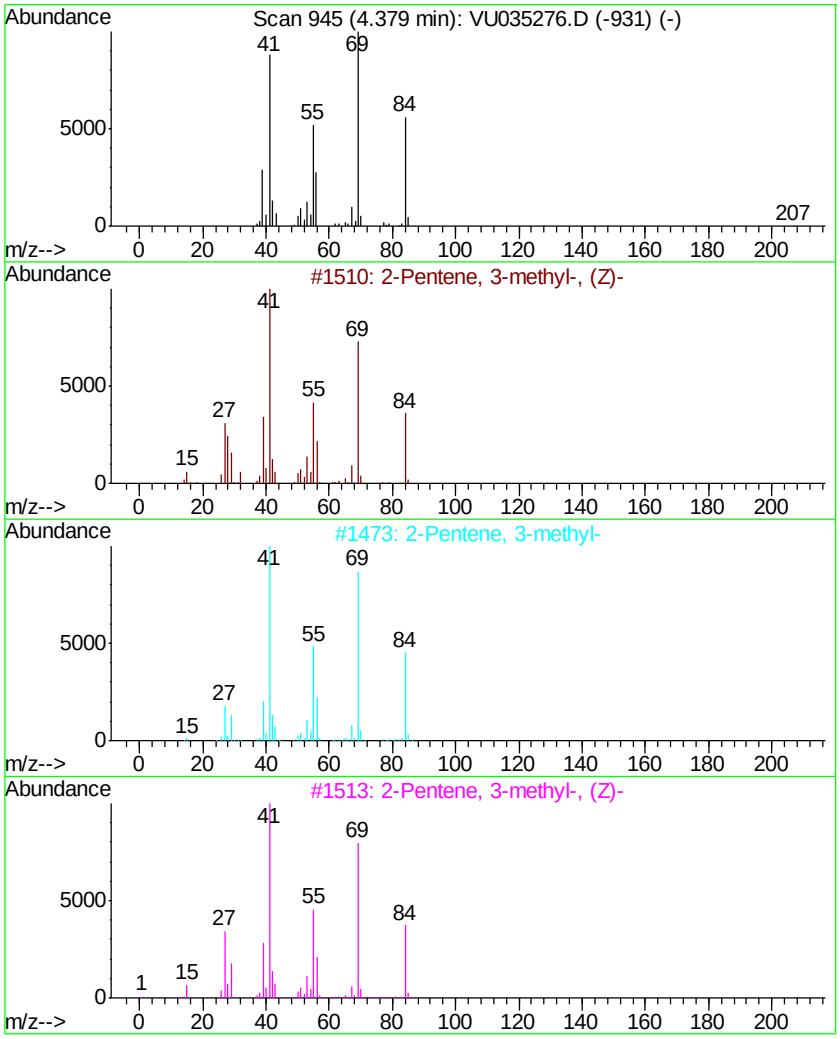
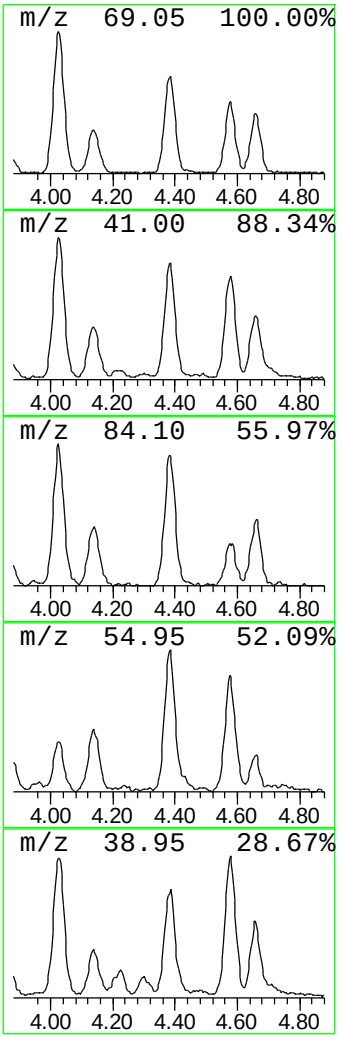
Peak Number 3 (DEL) Alkane: Cyclic4.38 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	1.25 ug/L	181152	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

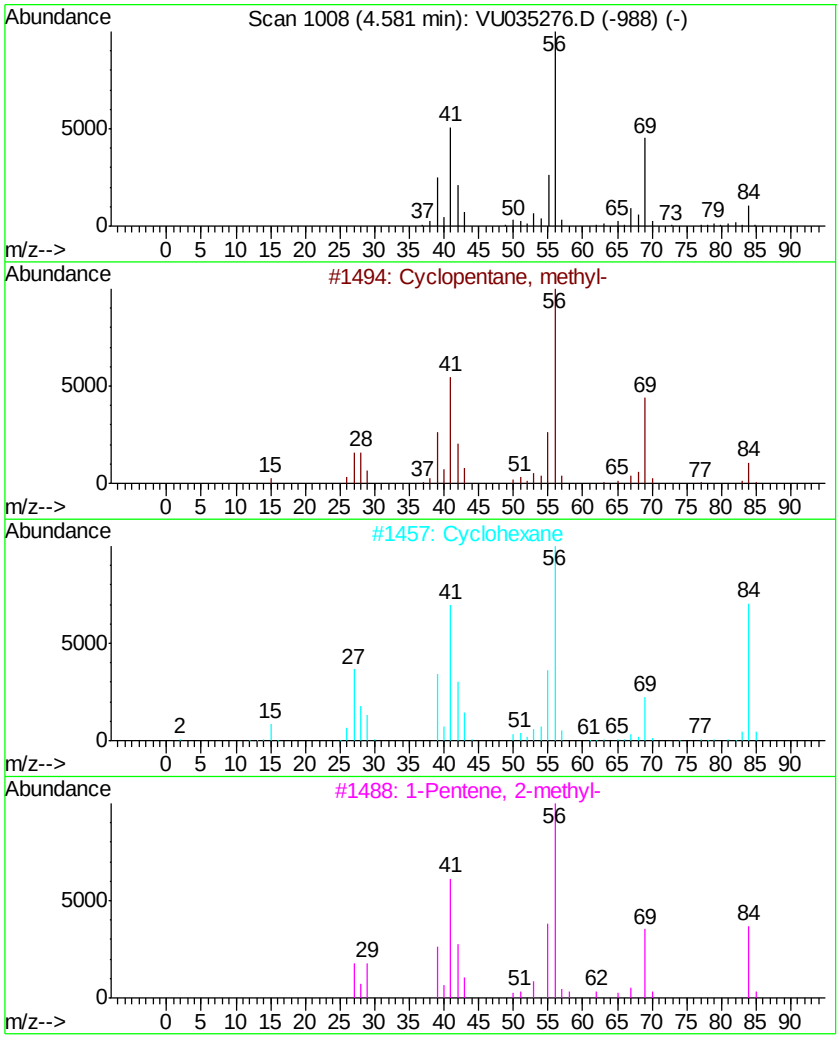
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

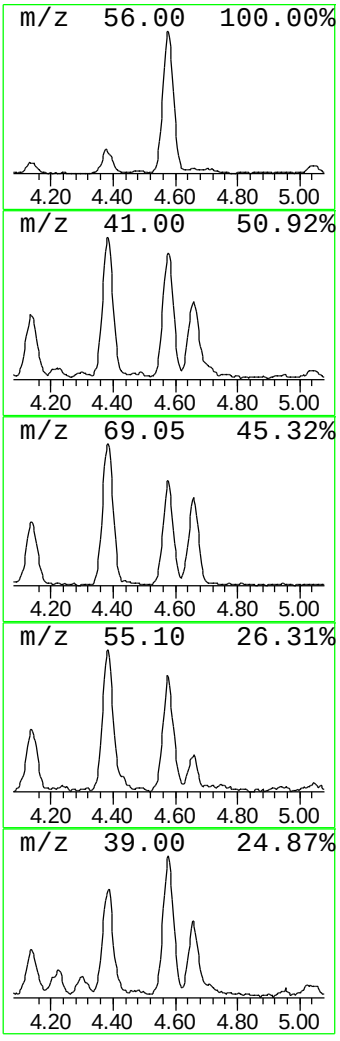
****

Peak Number 4 (DEL) Alkane: Cyclic4.58 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	1.54 ug/L	222282	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	86
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
5	Cyclohexane	84	C6H12	000110-82-7	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

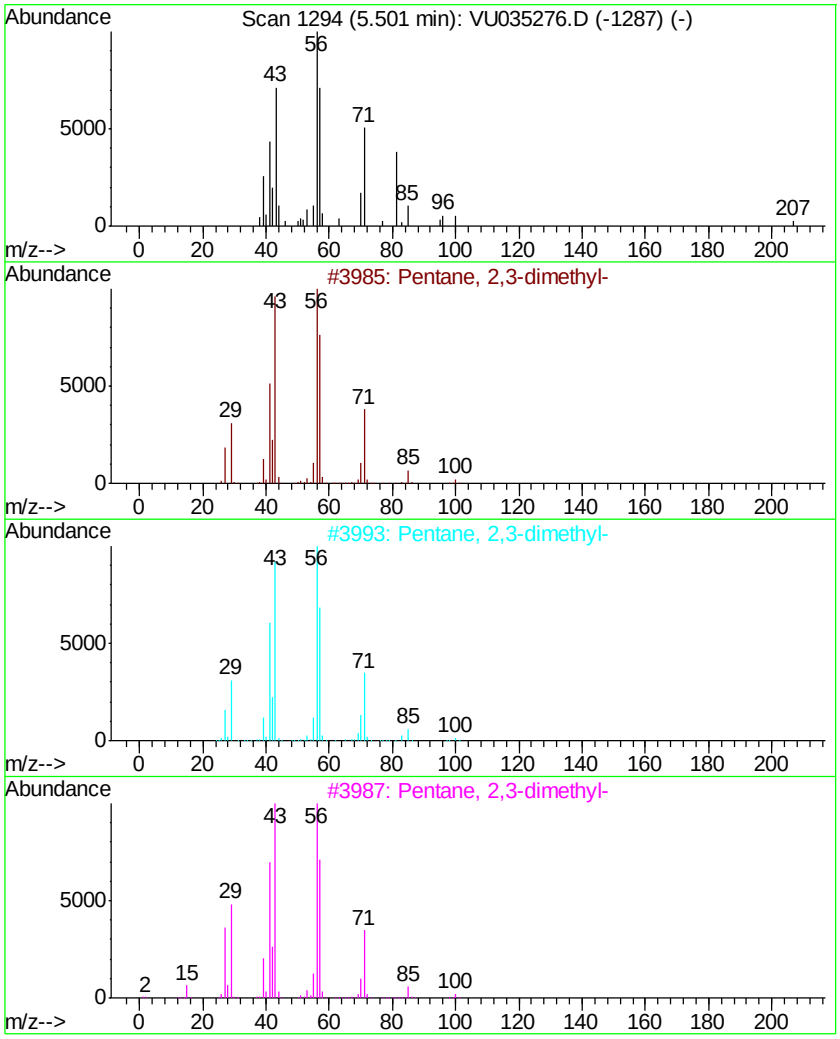
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

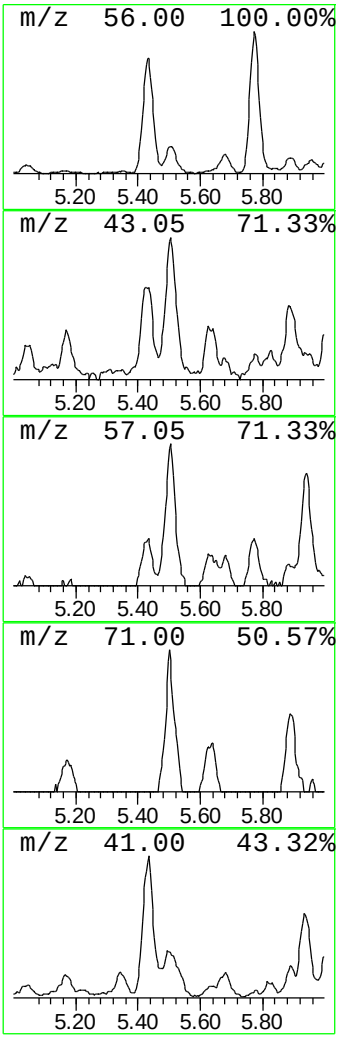
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	0.72 ug/L	103514	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	78
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	64
5	6-[N-Aziridyl]hexadiene-1,3	123	C8H13N	1000255-07-7	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

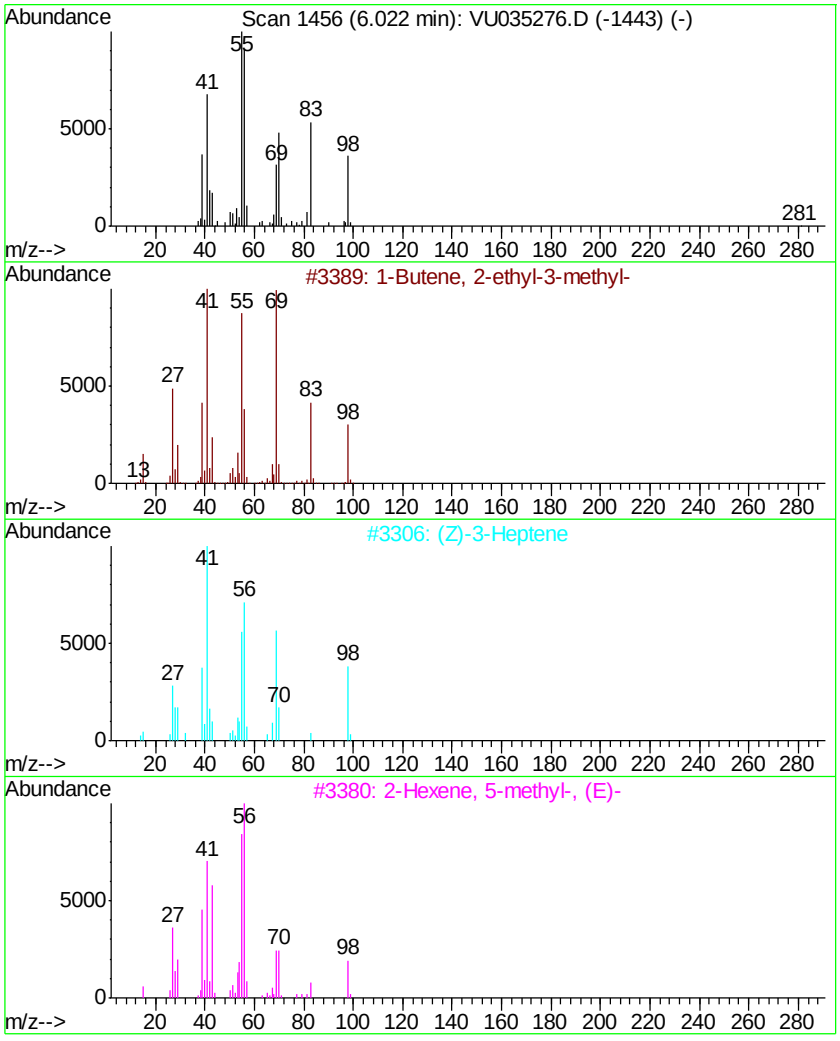
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

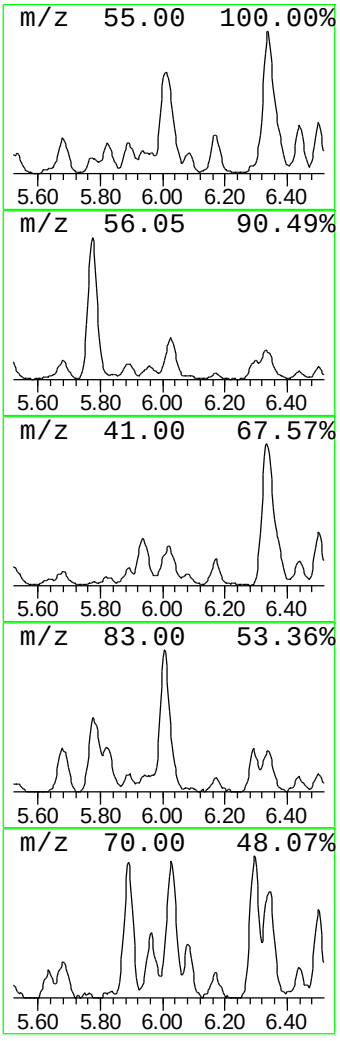
****

Peak Number 7 (DEL) Alkane: Cyclic6.02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	1.08 ug/L	156603	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	59
2	(Z)-3-Heptene	98	C7H14	007642-10-6	50
3	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	50
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	46
5	Cyclohexanone	98	C6H10O	000108-94-1	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

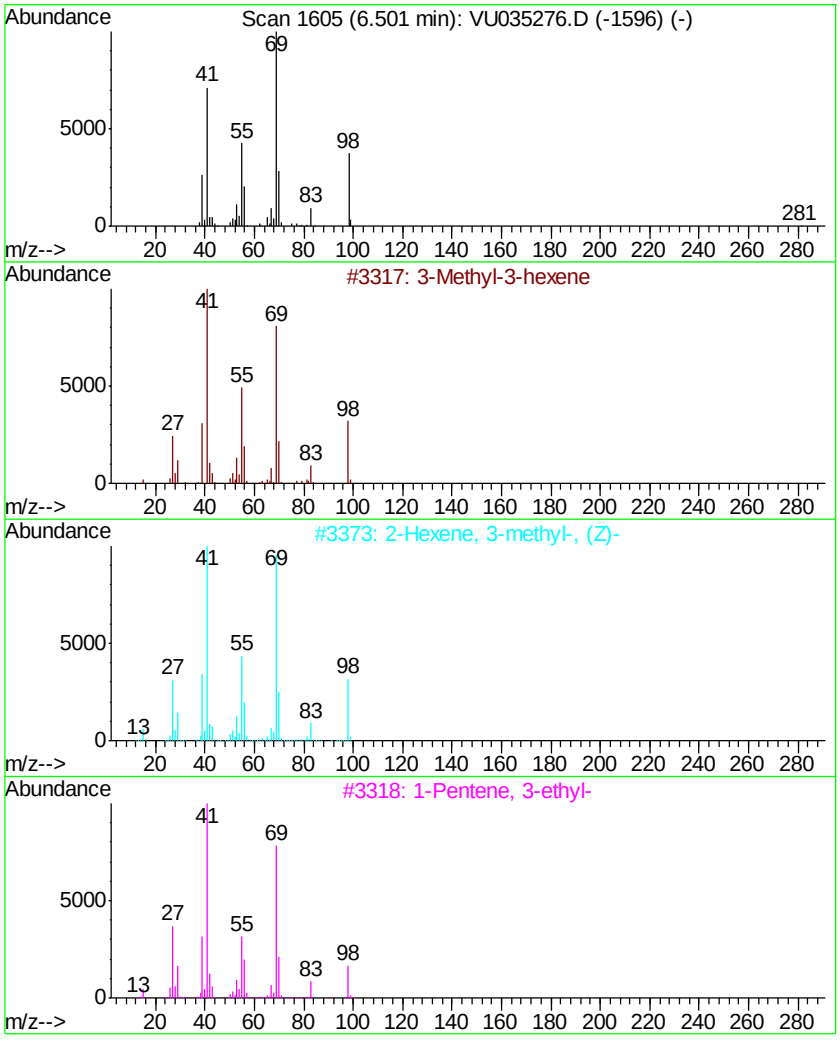
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

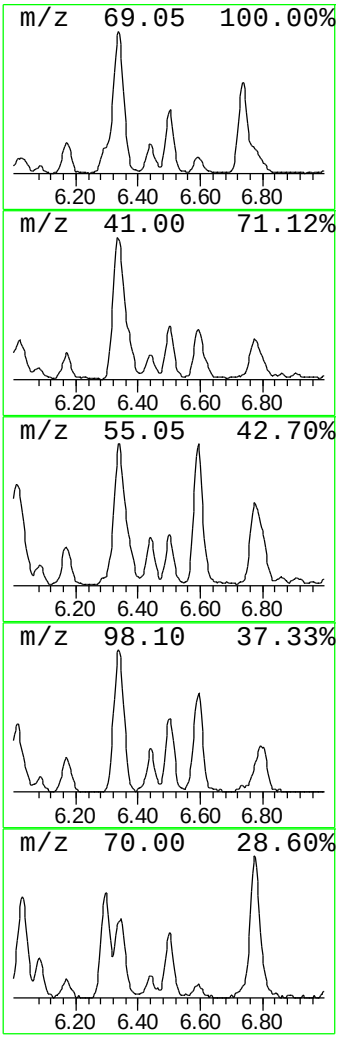
****

Peak Number 8 (DEL) Alkane: Cyclic6.50 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.56 ug/L	80421	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-hexene	98	C7H14	003404-65-7	91
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	87
4	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	83
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

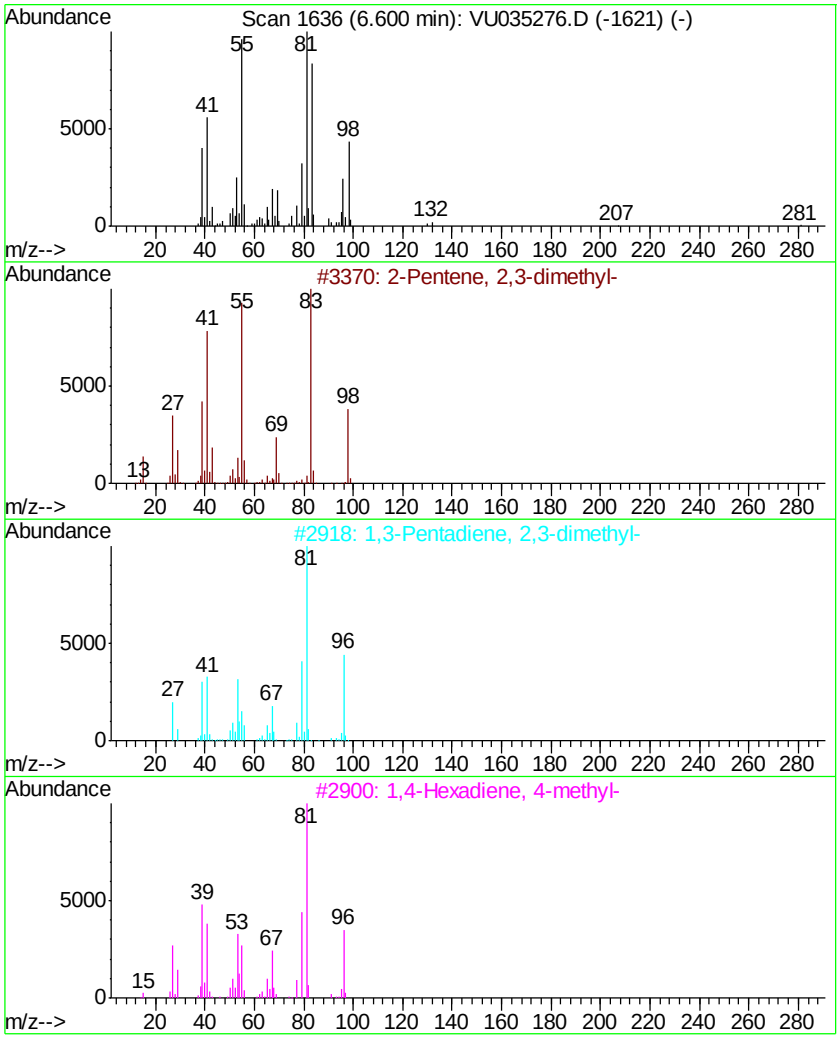
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

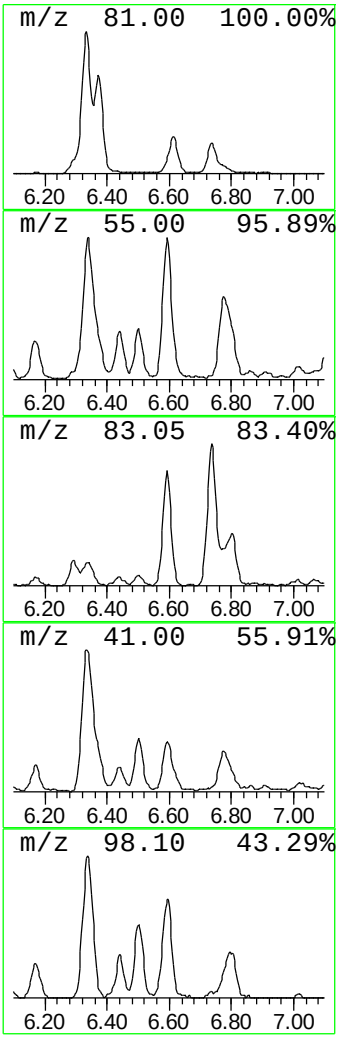
****

Peak Number 9 (DEL) Alkane: Cyclic6.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	1.57 ug/L	226749	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	49
2	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	42
3	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	42
4	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	42
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	42





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

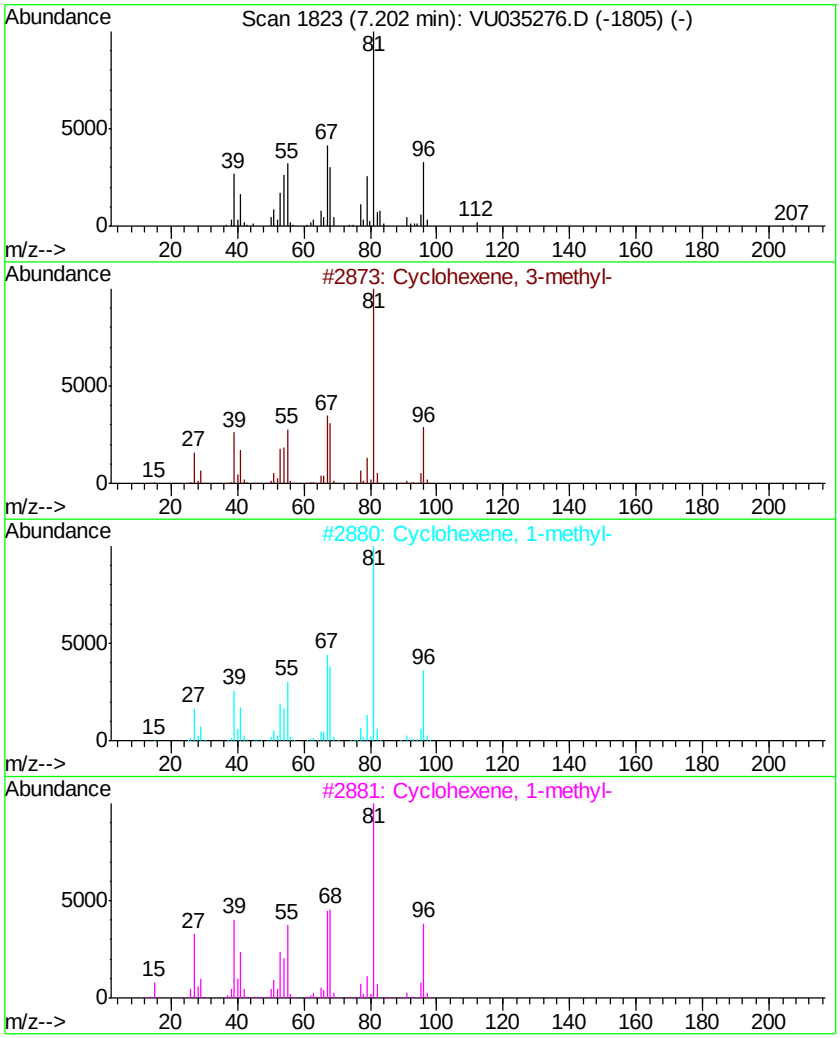
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

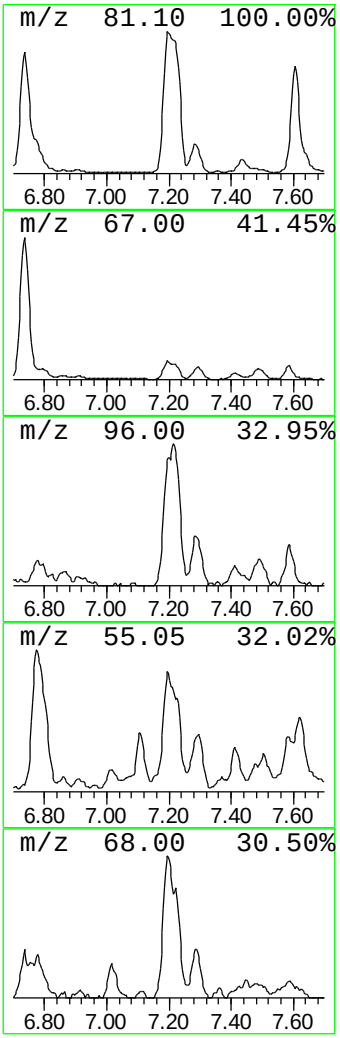
****

Peak Number 10 Cyclohexene, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	1.00 ug/L	144998	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	95
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
5	2-Heptyne	96	C7H12	001119-65-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

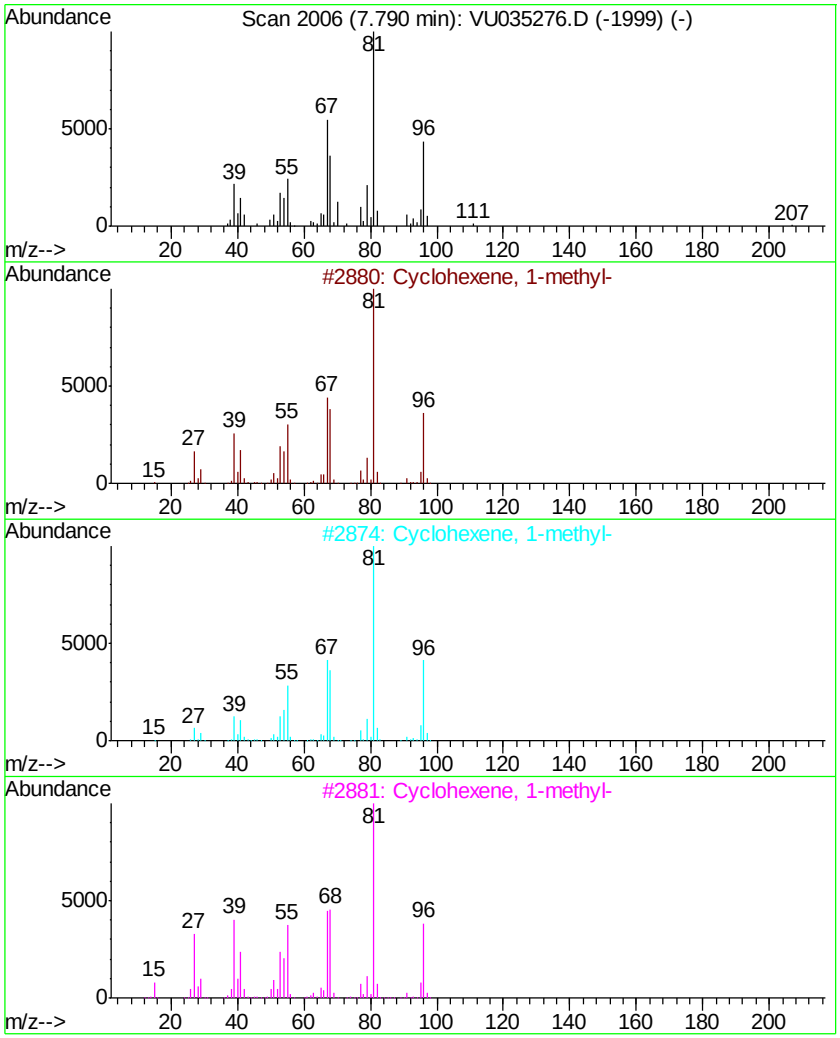
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

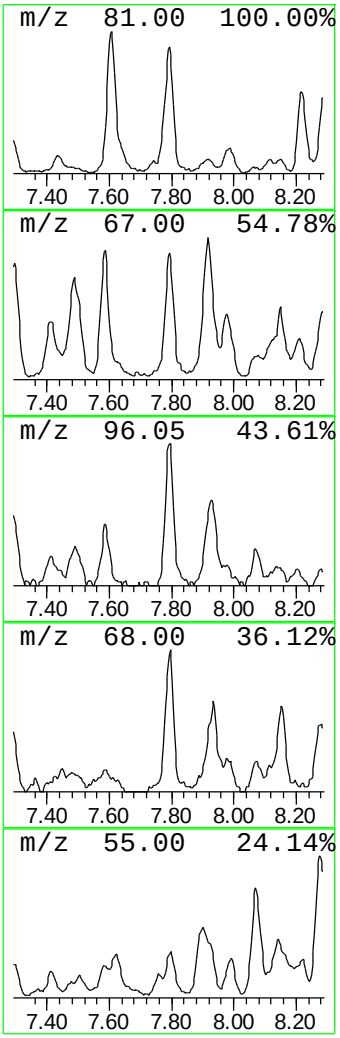
****

Peak Number 14 Cyclohexene, 1-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	0.73 ug/L	104877	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

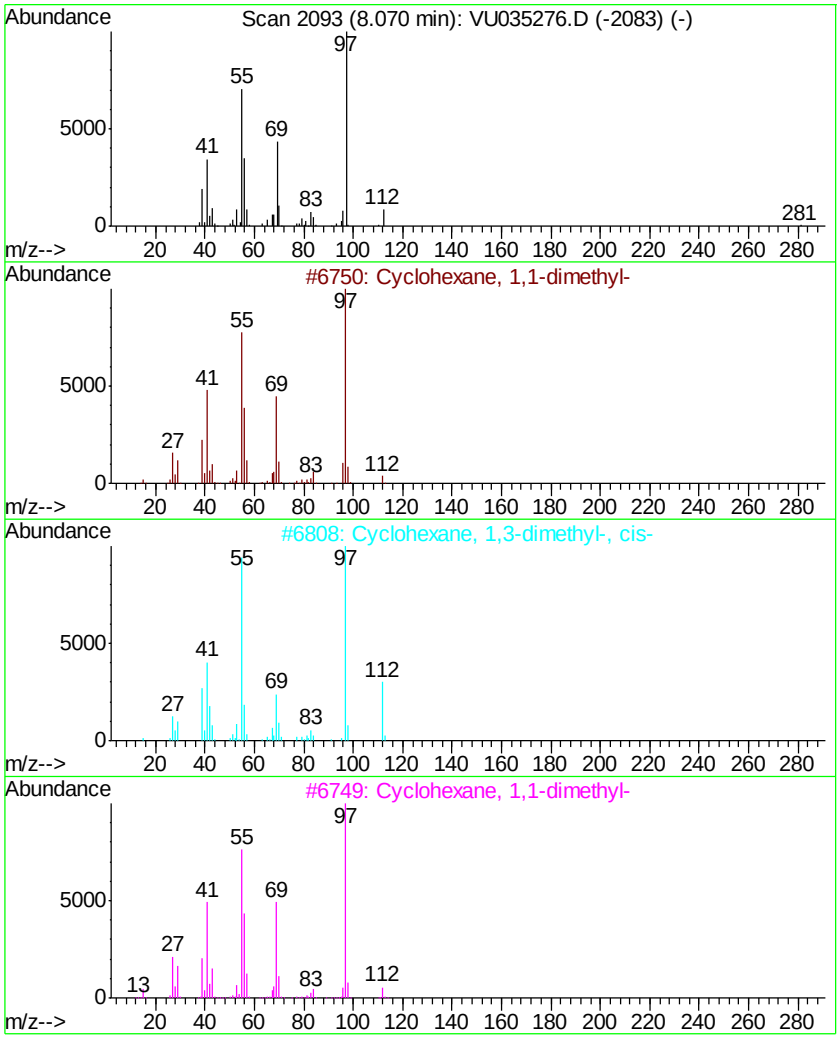
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

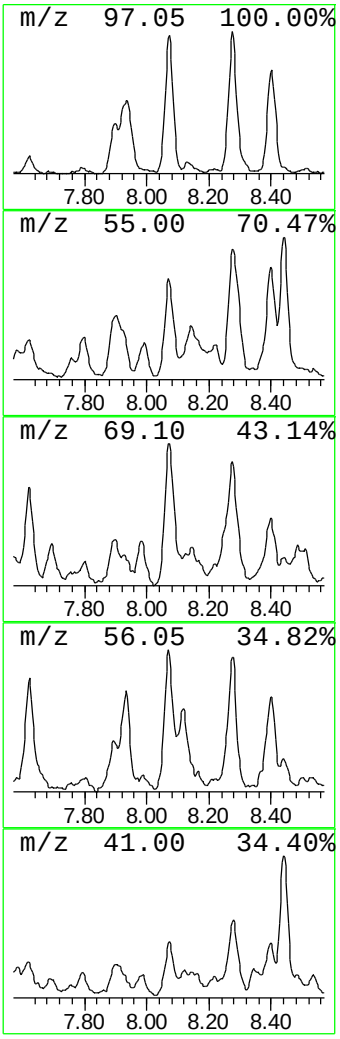
****

Peak Number 15 (DEL) Alkane: Cyclic8.07 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.64 ug/L	111439	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	90
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	72
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

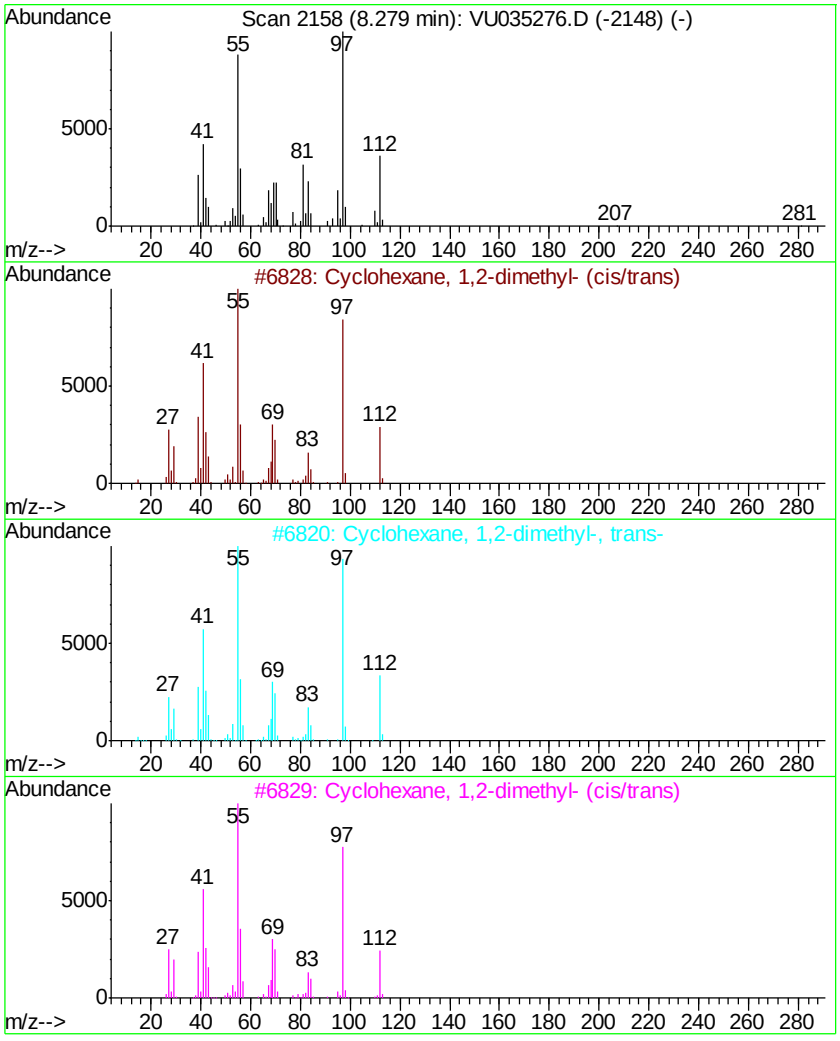
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

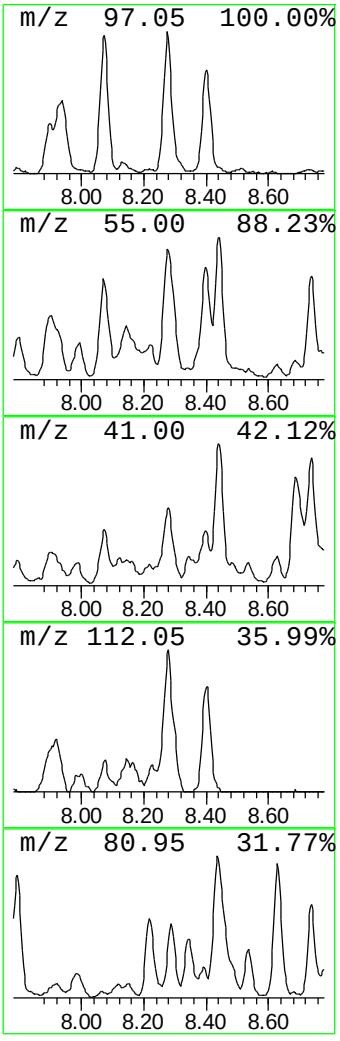
****

Peak Number 16 (DEL) Alkane: Cyclic8.28 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.97 ug/L	167368	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	81
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	81





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

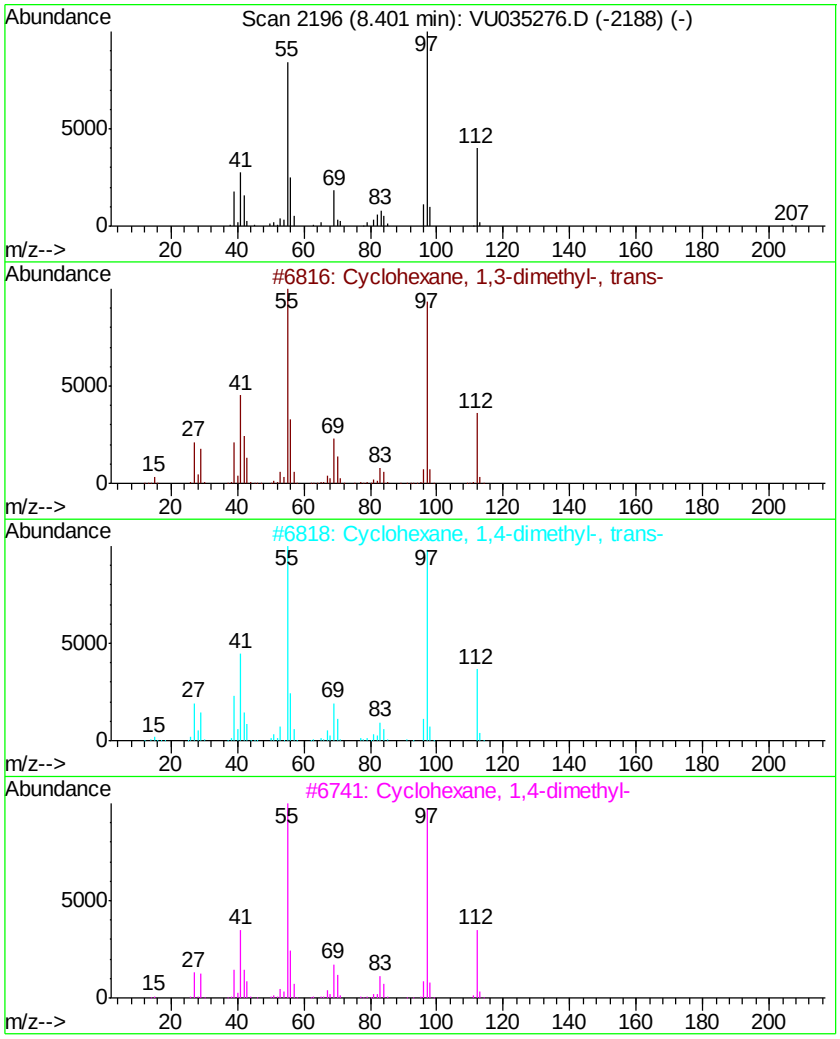
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

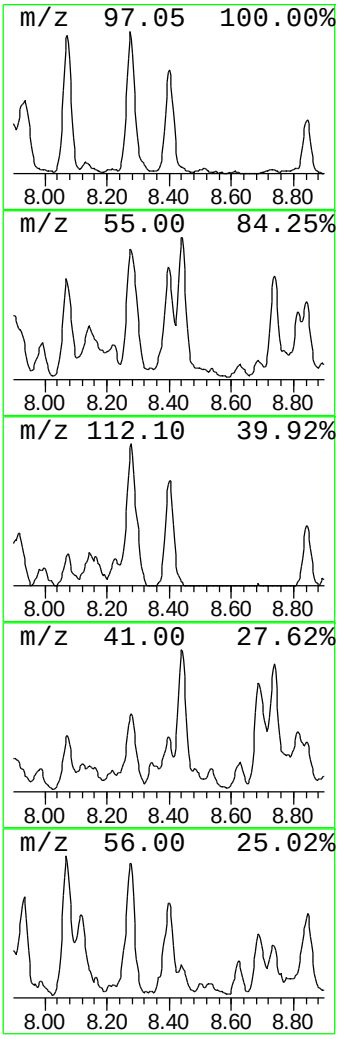
****

Peak Number 17 (DEL) Alkane: Cyclic8.40 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	0.53 ug/L	91348	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	86
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

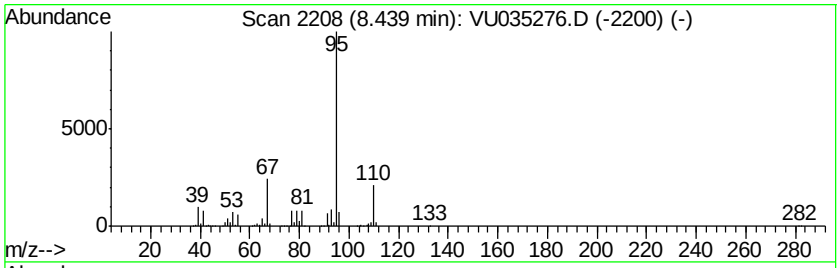
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

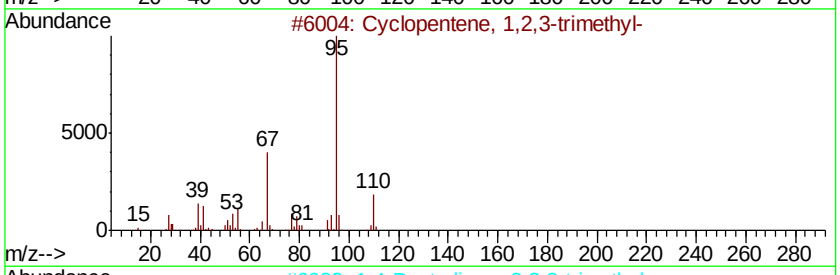
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

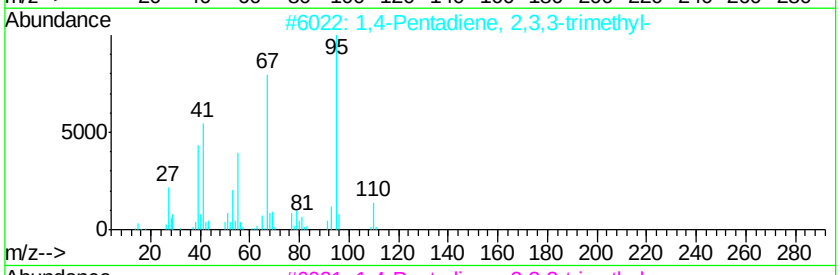
****
Peak Number 18 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 5

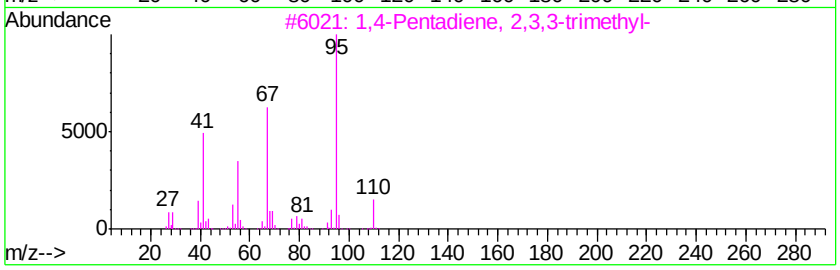
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	3.85 ug/L	667246	Chlorobenzene-d5	9.45

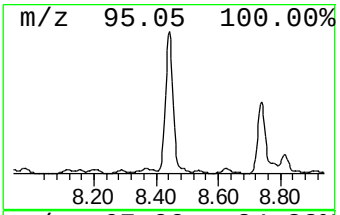
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	91
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	78
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	72

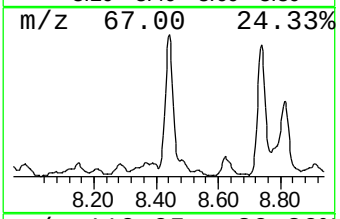


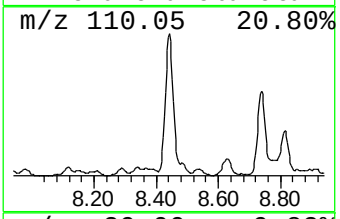


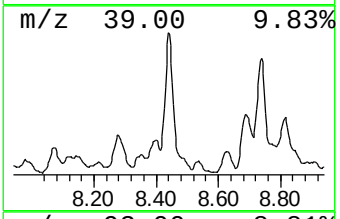


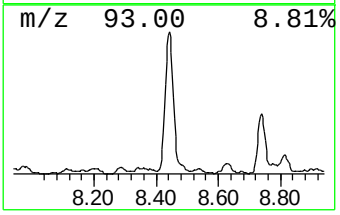












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

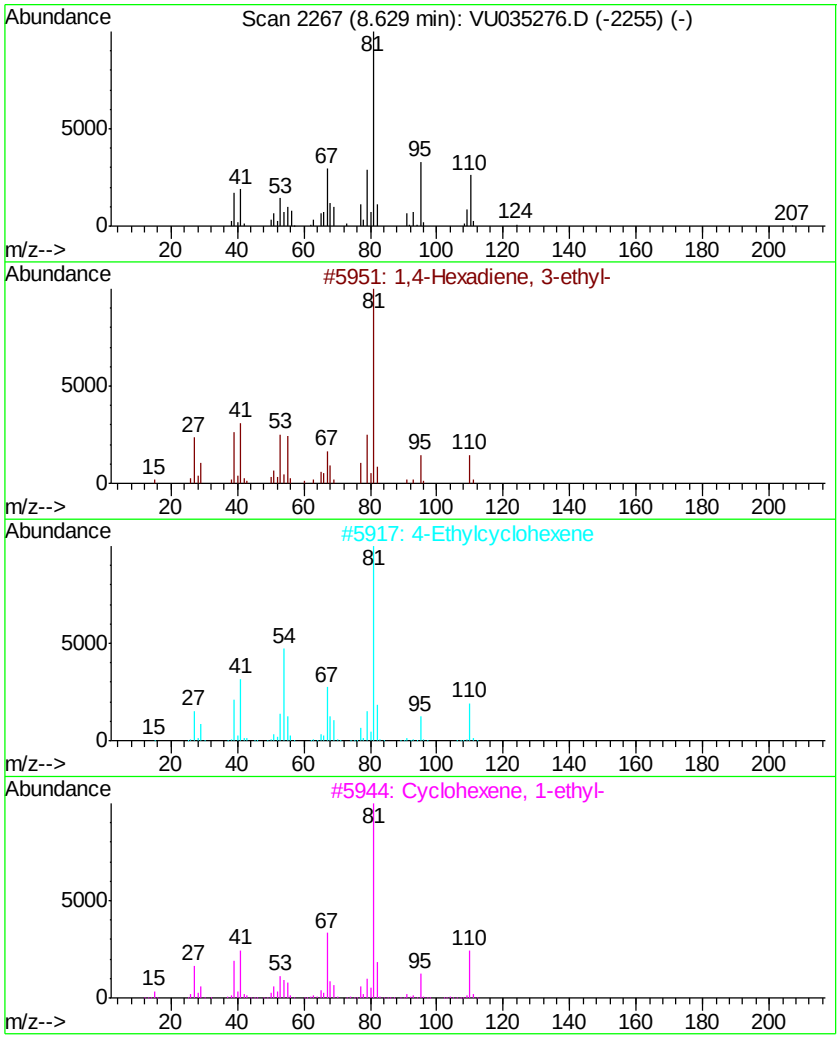
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

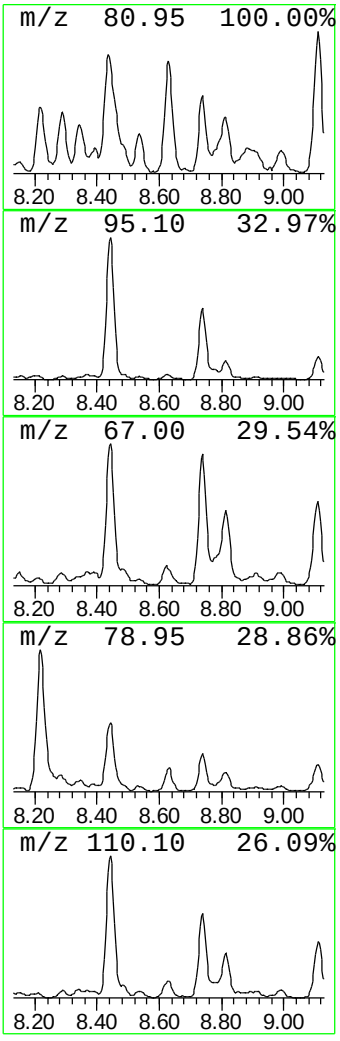
****

Peak Number 19 1,4-Hexadiene, 3-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	0.55 ug/L	95526	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	81
2	4-Ethylcyclohexene	110	C8H14	003742-42-5	74
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	72
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	68
5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

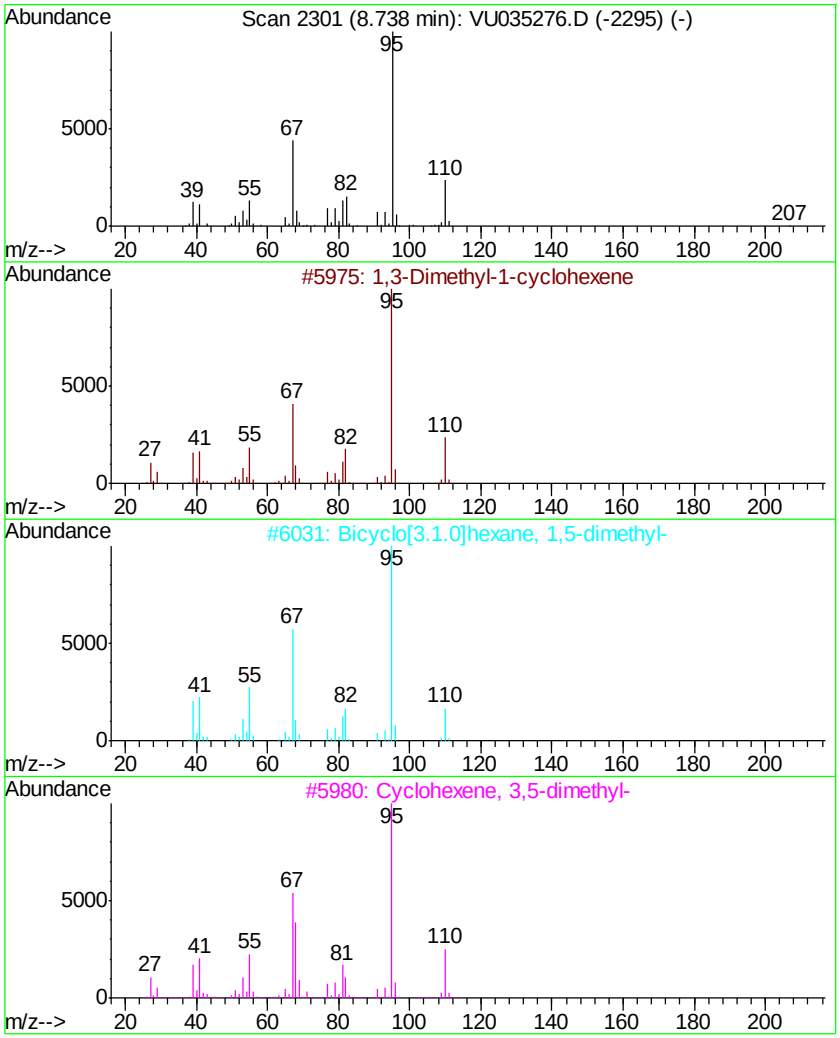
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

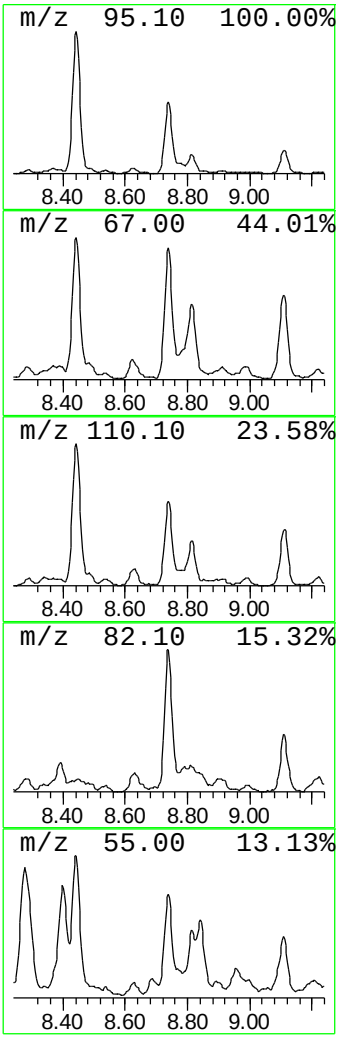
****

Peak Number 20 1,3-Dimethyl-1-cyclohexene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.78 ug/L	654265	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	91
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	90
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	86





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

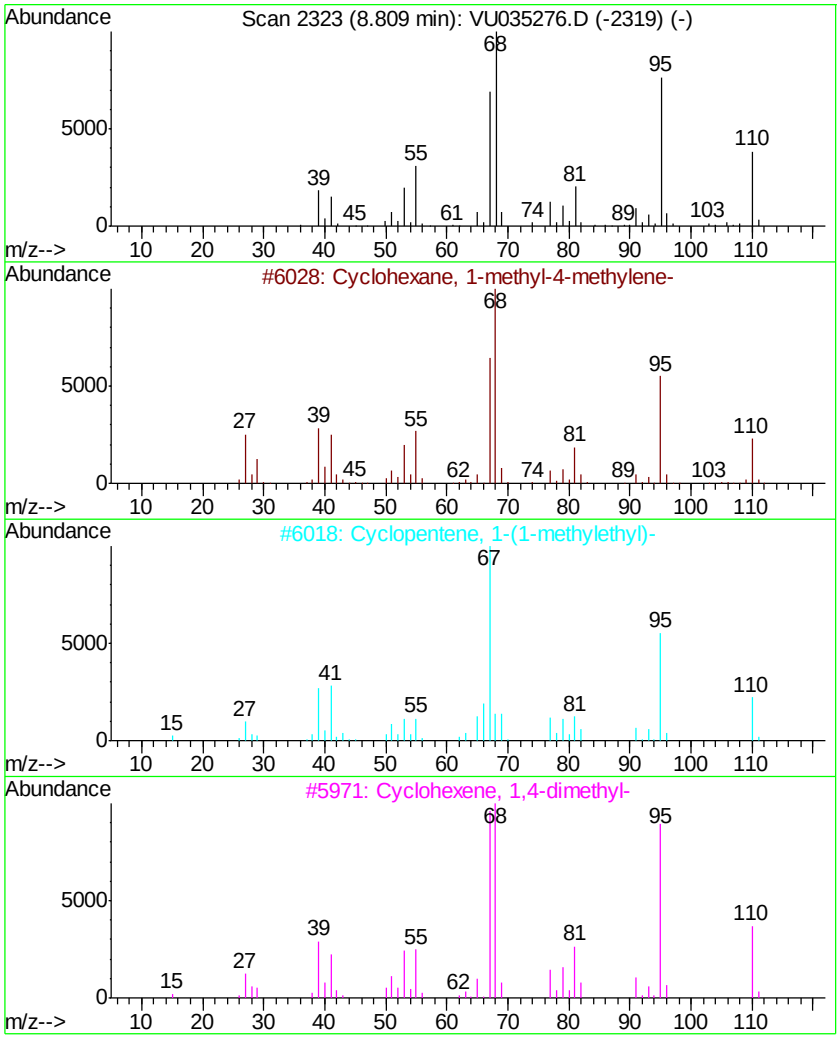
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

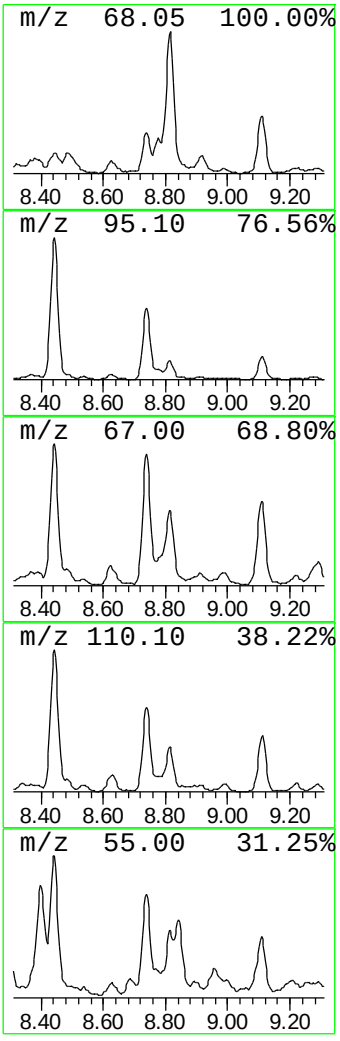
****

Peak Number 21 Cyclohexane, 1-methyl-4-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	1.65 ug/L	285092	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-methylene-	110	C8H14	002808-80-2	91
2	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	64
3	Cyclohexene, 1,4-dimethyl-	110	C8H14	002808-79-9	64
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	62
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

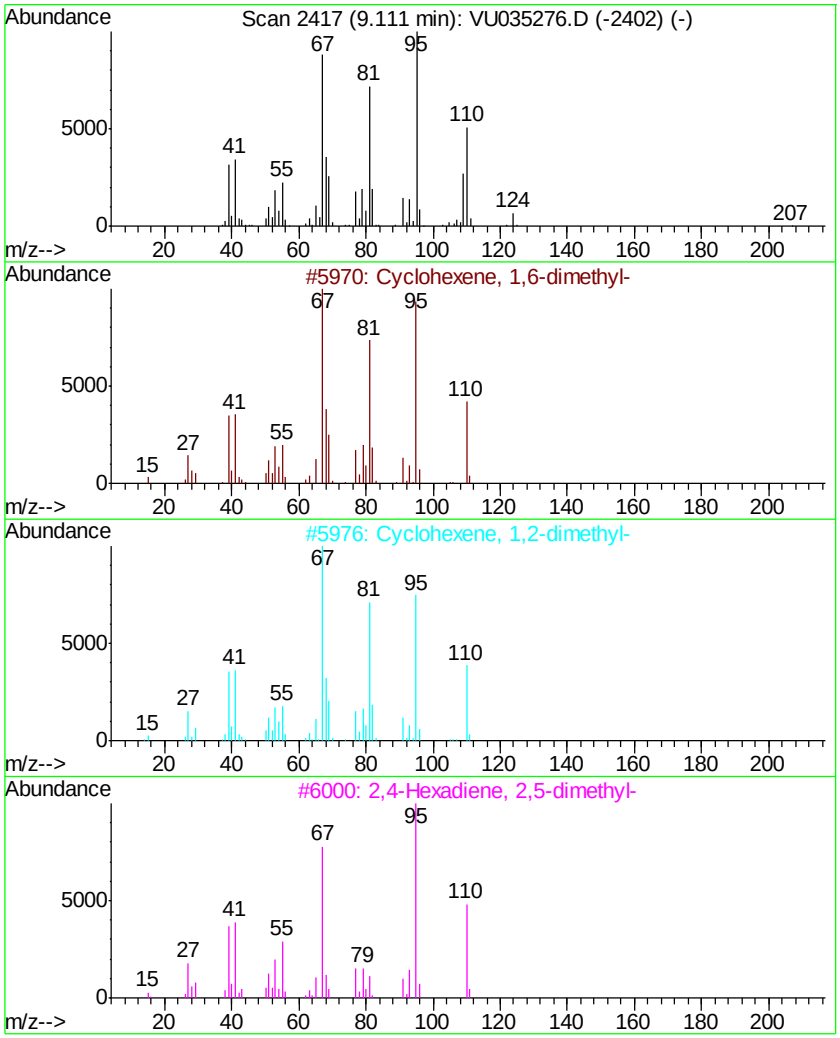
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

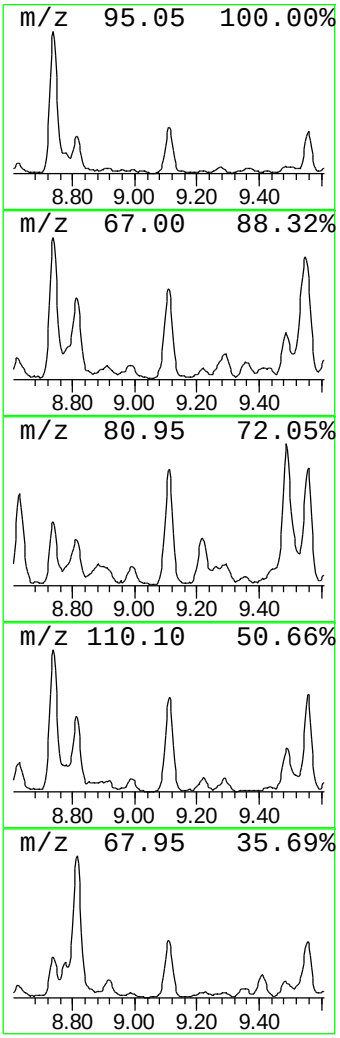
****

Peak Number 22 Cyclohexene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	1.82 ug/L	314611	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	98
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	95
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	94
4	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	89
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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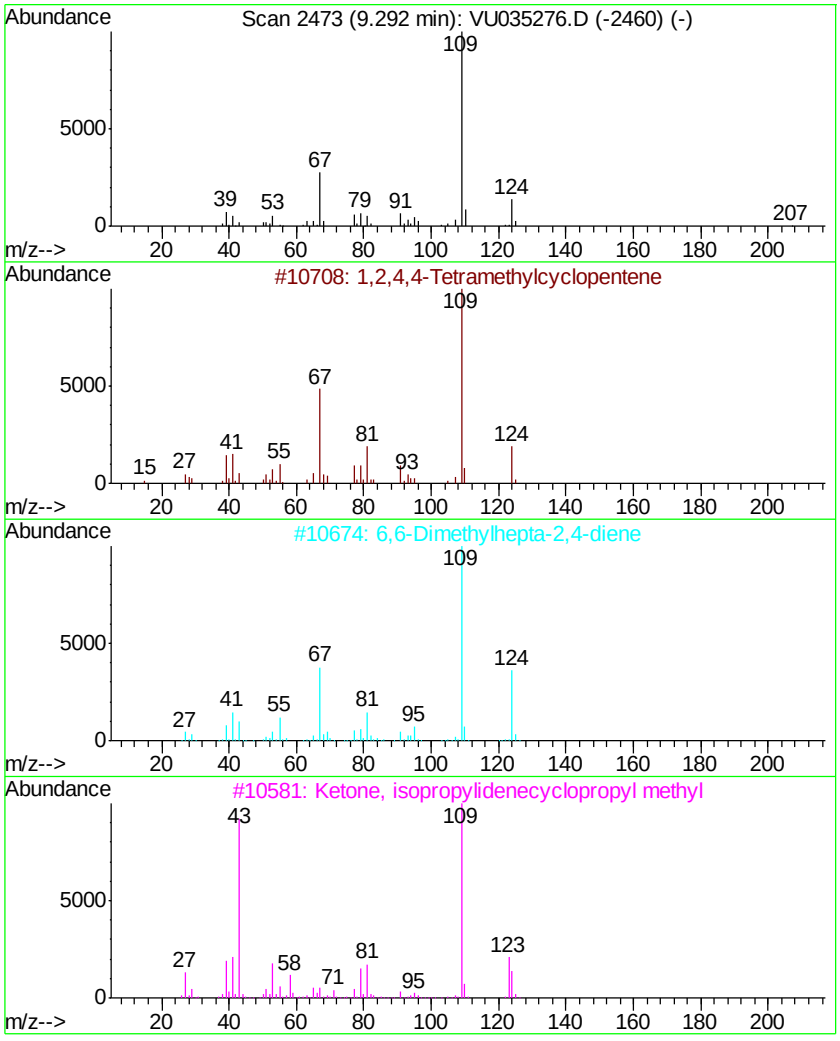
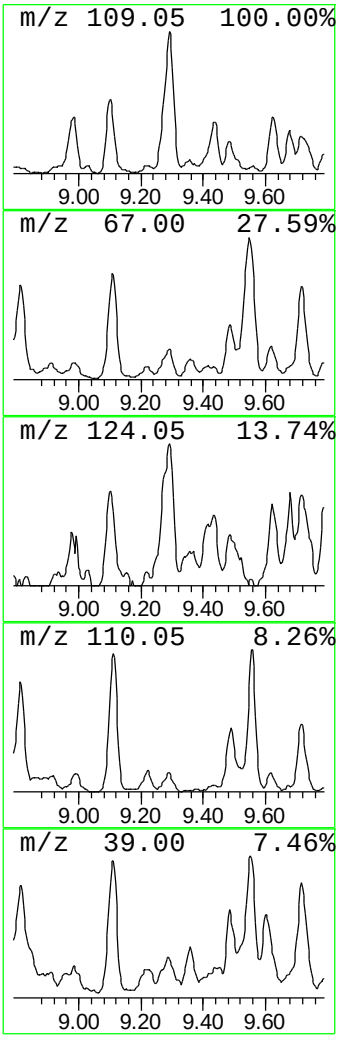
Peak Number 23 1,2,4,4-Tetramethylcyclopen... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	0.56 ug/L	97756	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	91
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	78
3	Ketone, isopropylidenecyclopropy...	124	C8H12O	029765-67-1	64
4	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	64
5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	64





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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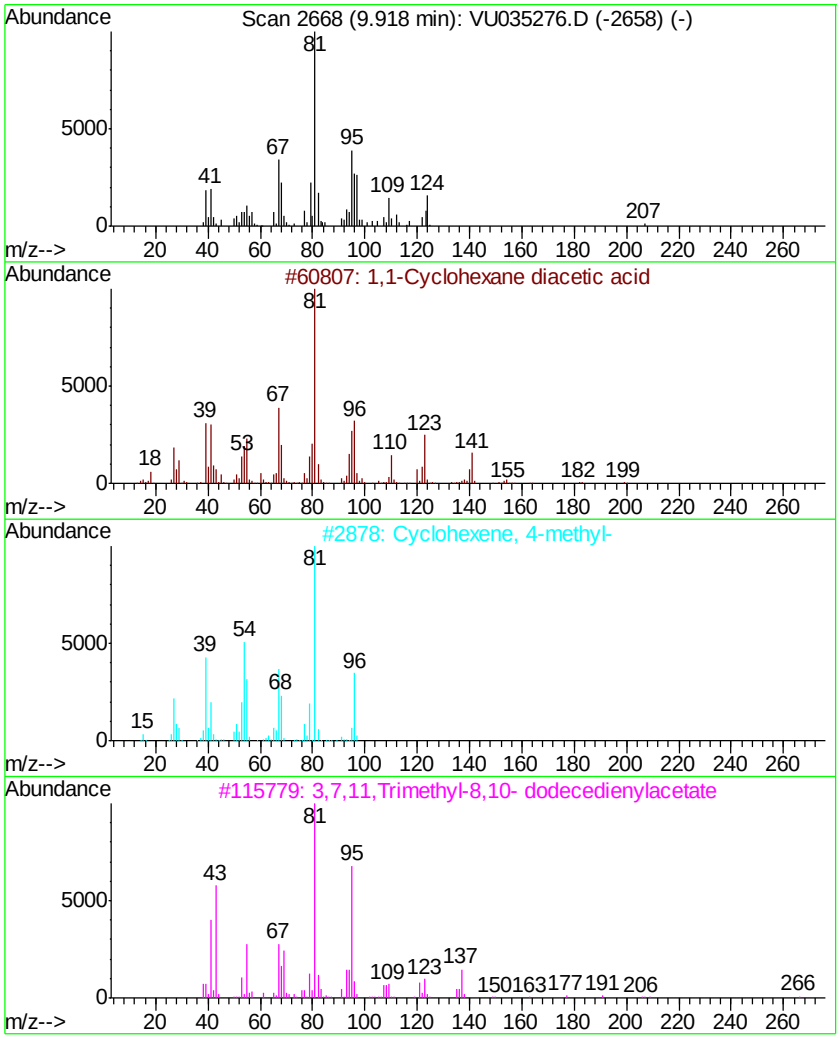
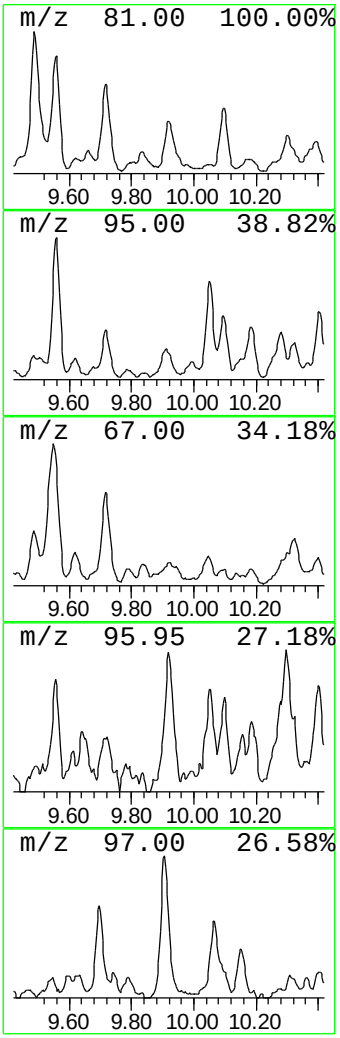
Peak Number 24 1,1-Cyclohexane diacetic acid Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.76 ug/L	130788	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	53
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	52
3	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	50
4	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	50
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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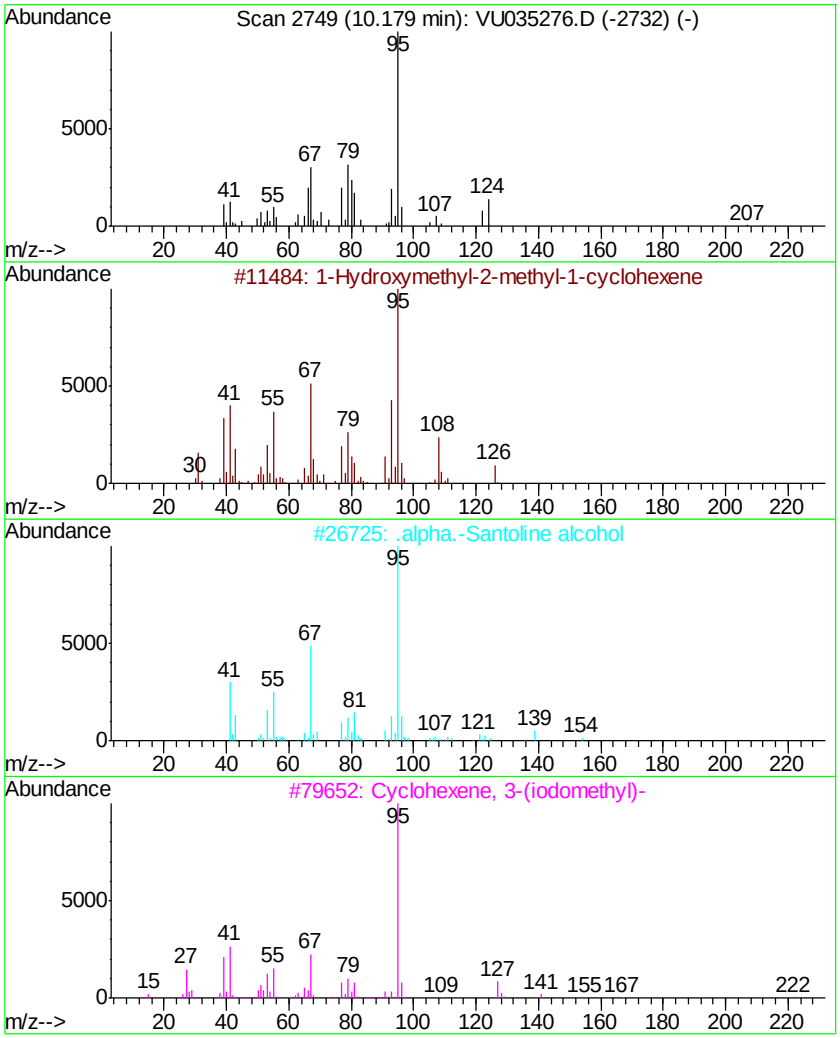
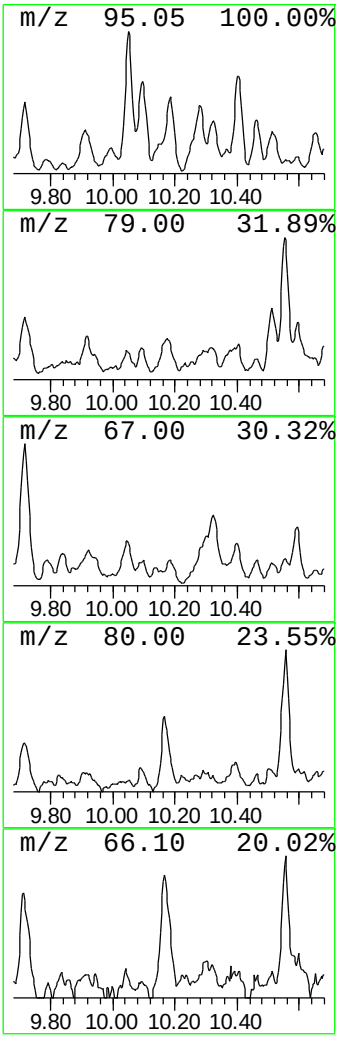
Peak Number 25 1-Hydroxymethyl-2-methyl-1-... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	0.54 ug/L	93743	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	64
2	.alpha.-Santoline alcohol	154	C10H18O	090823-36-2	59
3	Cyclohexene, 3-(iodomethyl)-	222	C7H11I	034825-94-0	59
4	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	59
5	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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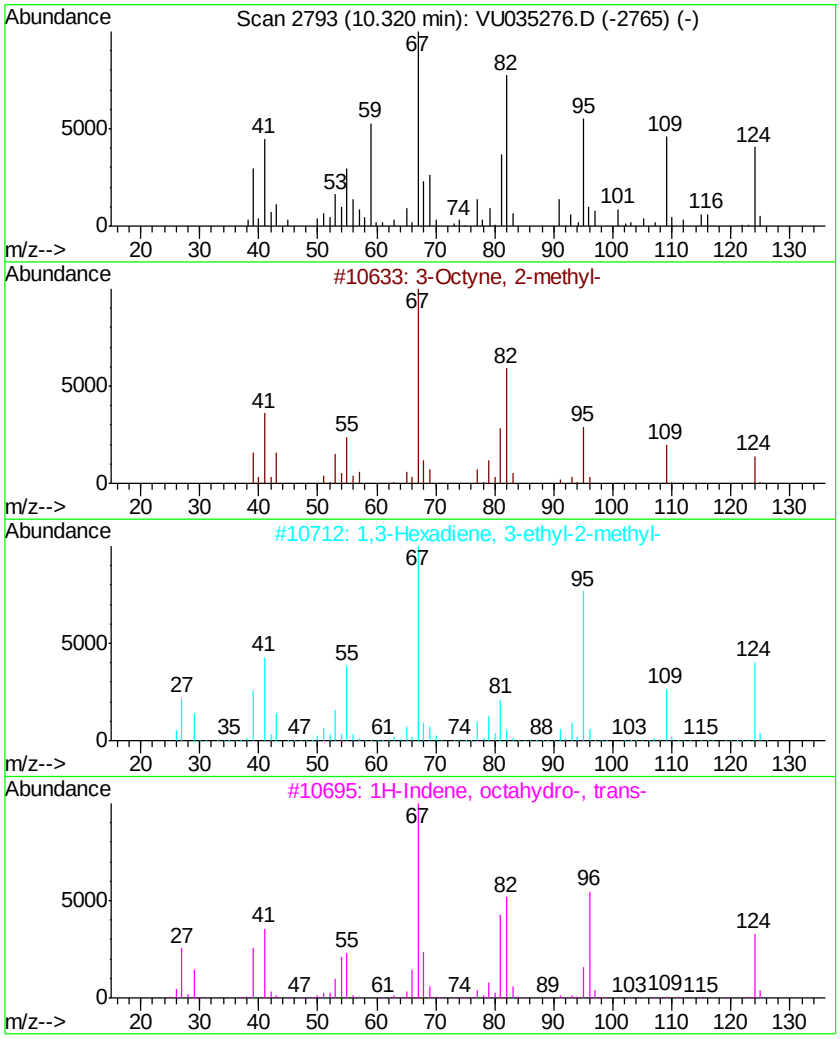
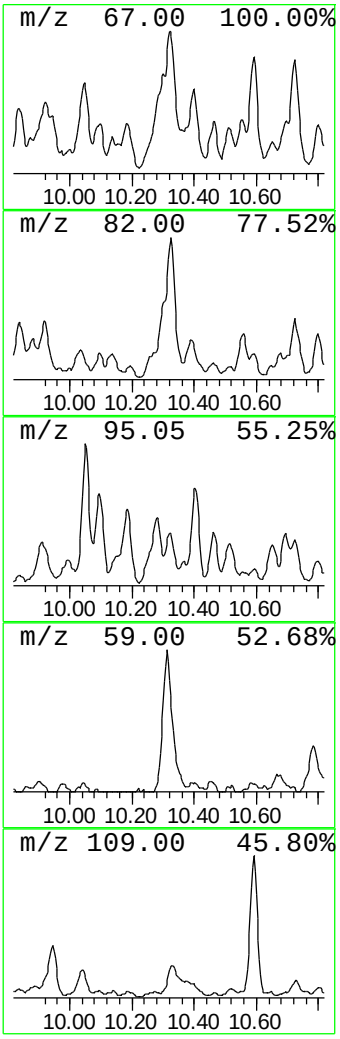
Peak Number 26 3-Octyne, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	1.39 ug/L	240430	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	81
2	1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	061142-36-7	49
3	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	41
5	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	41





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

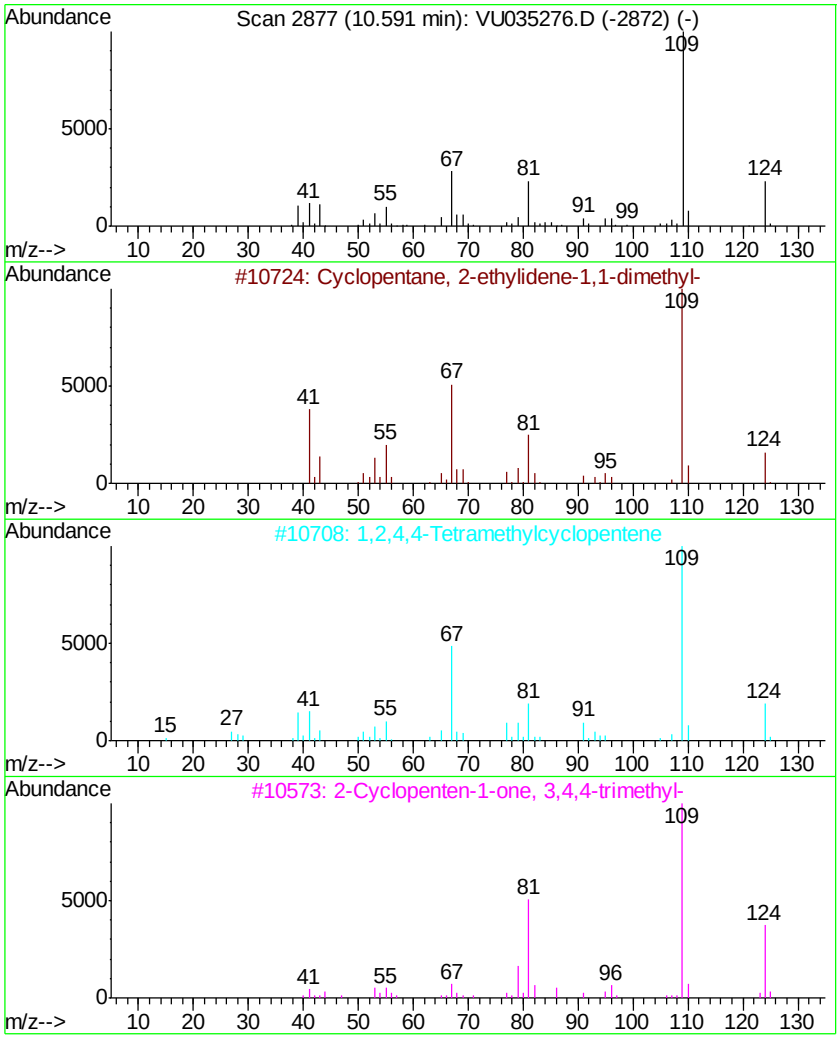
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

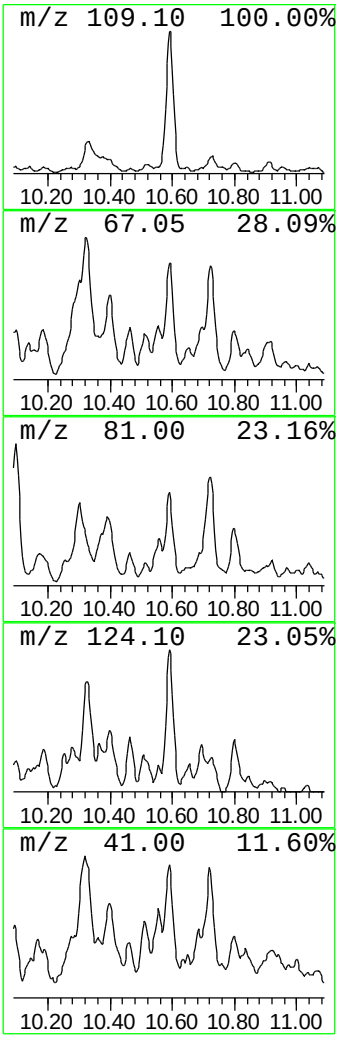
****

Peak Number 27 Cyclopentane, 2-ethylidene-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	0.60 ug/L	103661	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	91
2	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	78
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	72
4	1H-Pyrazole, 4-ethyl-3,5-dimethyl-	124	C7H12N2	007554-67-8	72
5	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	72





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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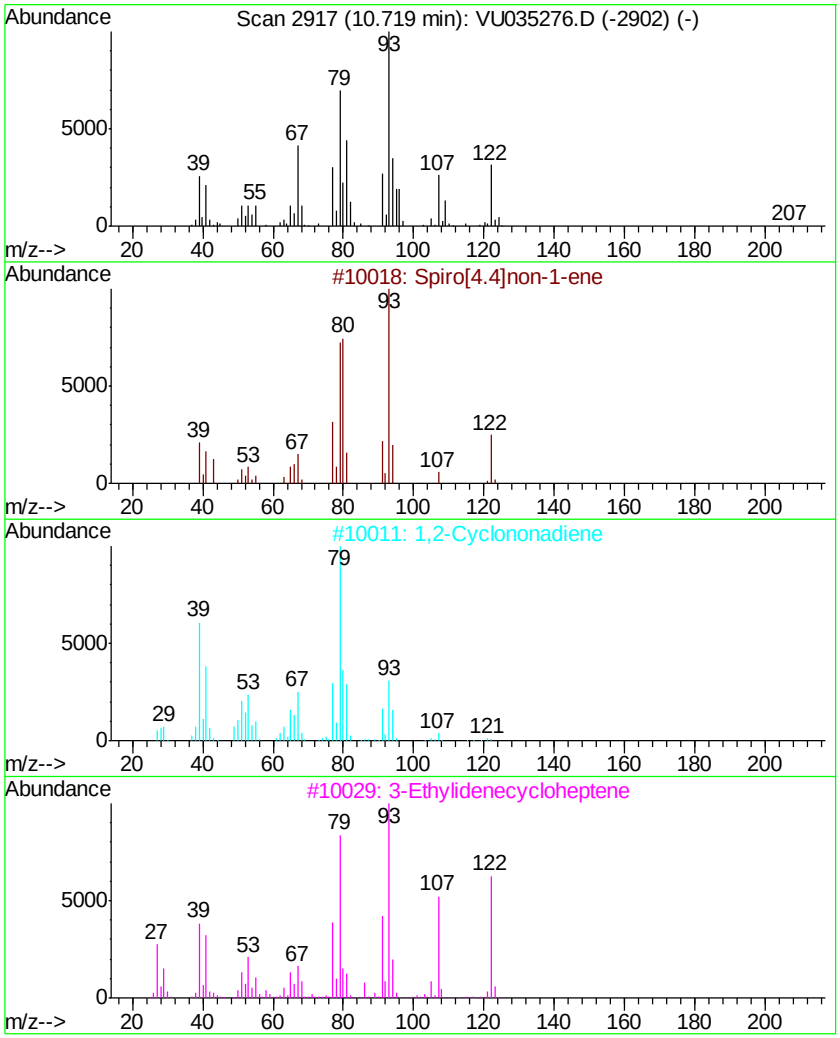
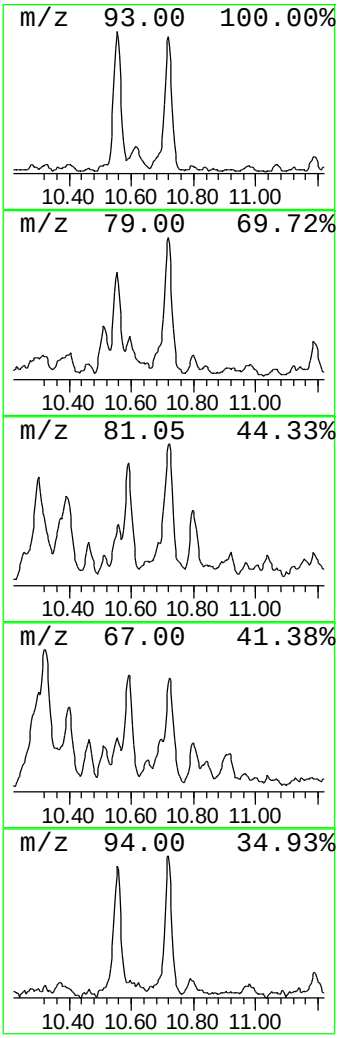
Peak Number 28 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	1.08 ug/L	185718	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]non-1-ene	122	C9H14	000873-12-1	49
2	1,2-Cyclononadiene	122	C9H14	001123-11-1	38
3	3-Ethylidenecycloheptene	122	C9H14	1000211-16-7	38
4	1-Nonen-4-yne	122	C9H14	031508-12-0	27
5	2-Methyl-1-octen-3-yne	122	C9H14	017603-76-8	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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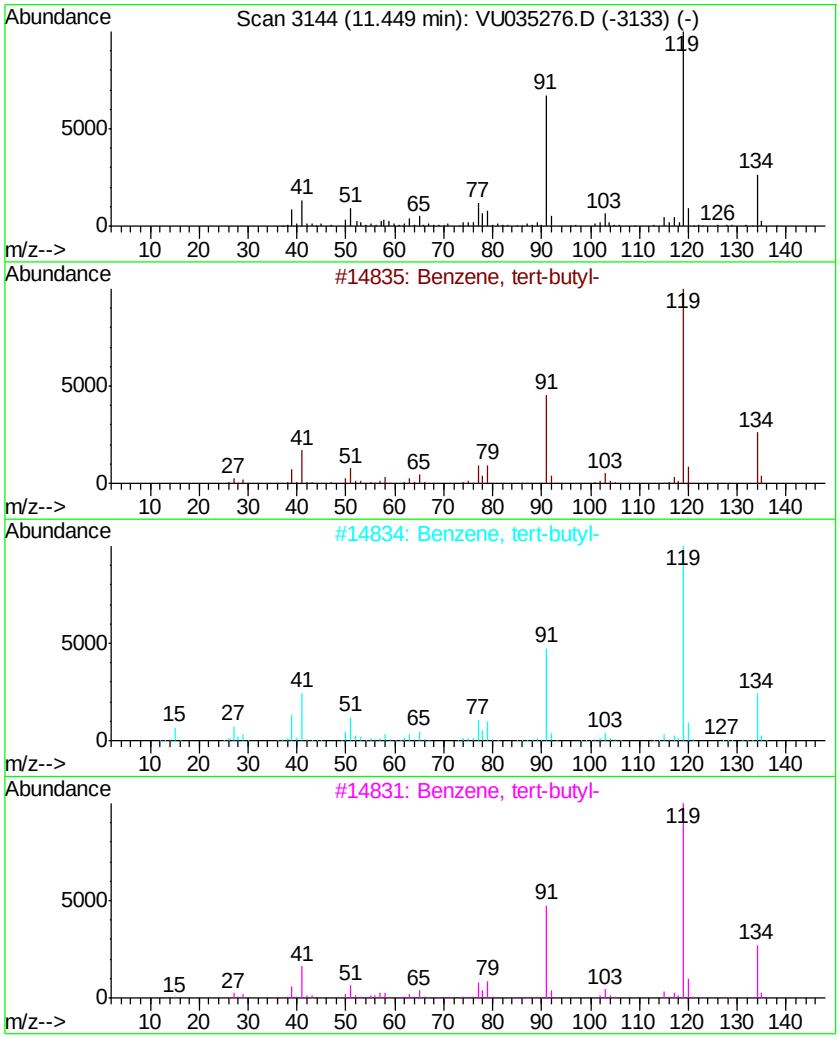
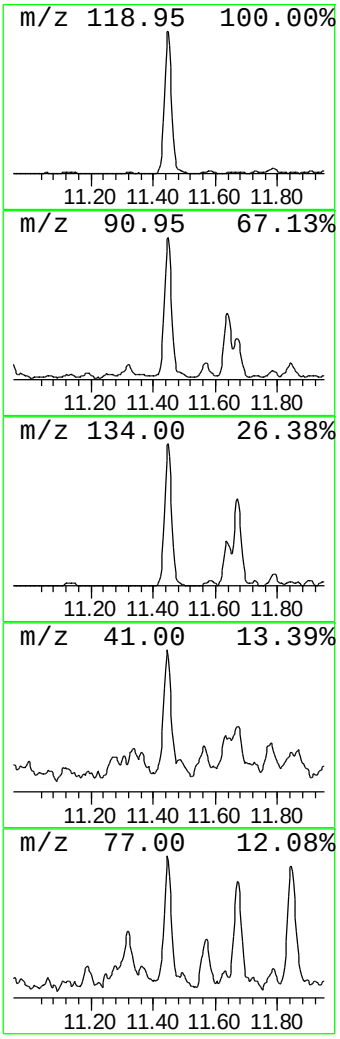
Peak Number 29 Benzene, tert-butyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	1.15 ug/L	196944	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	93
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	93
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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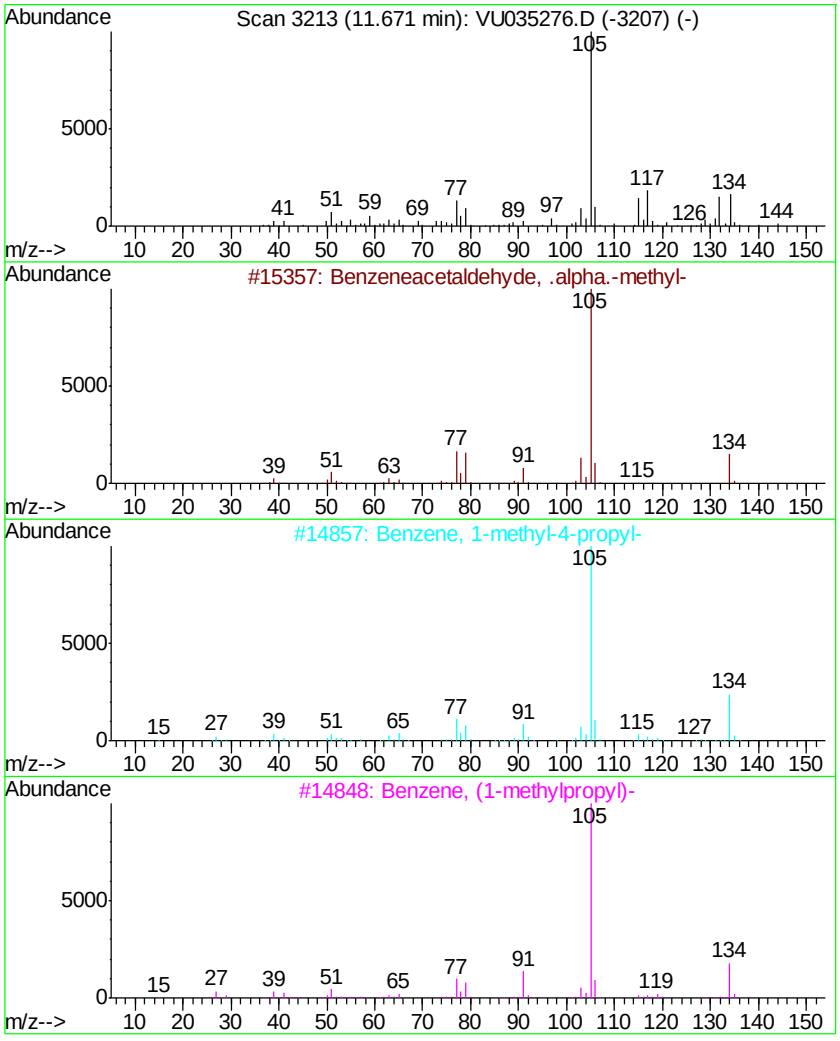
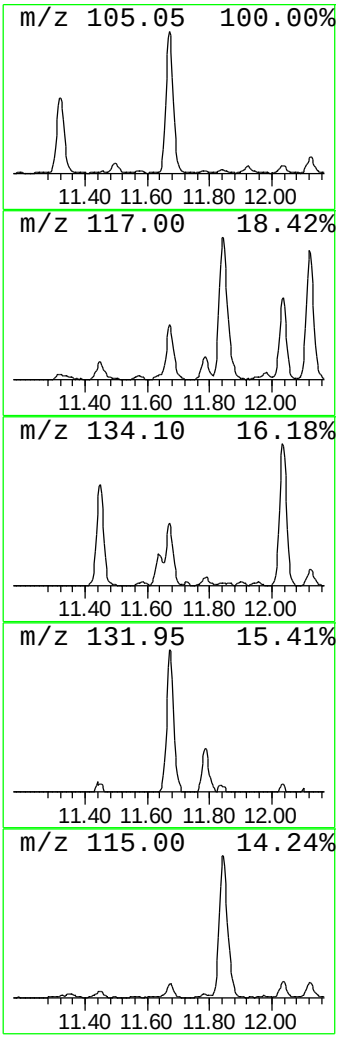
Peak Number 30 Benzeneacetaldehyde, .alpha... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	0.87 ug/L	150000	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

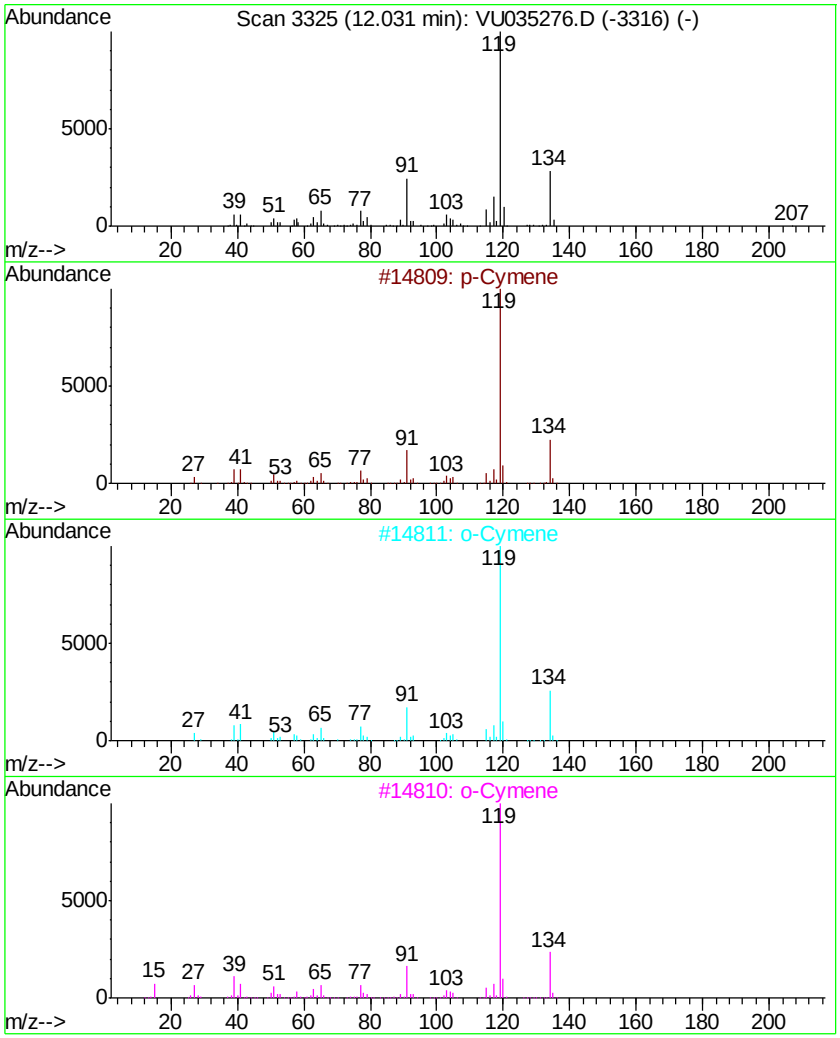
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

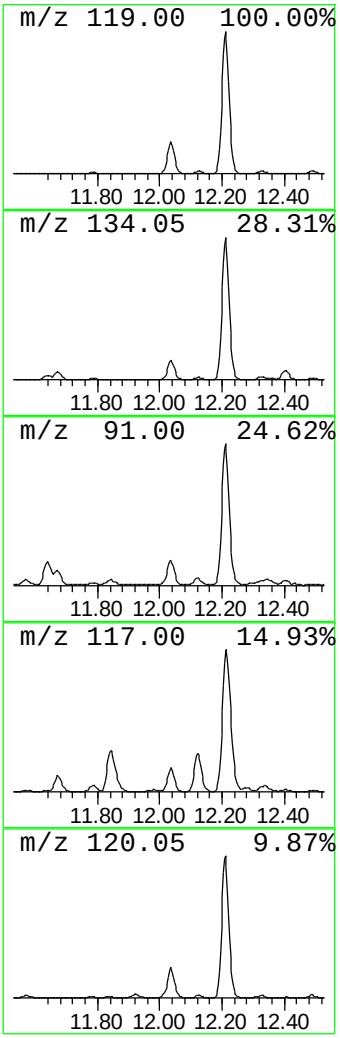
****

Peak Number 31 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	1.26 ug/L	216713	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Library Search Compound Report

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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

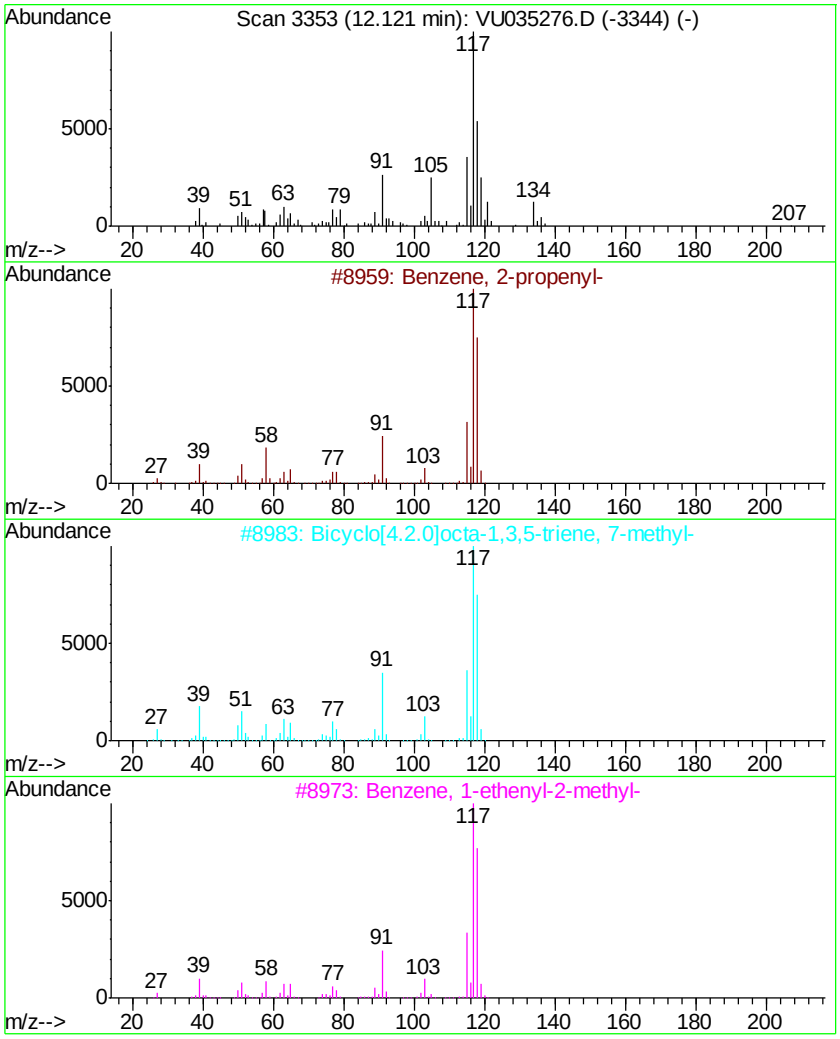
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

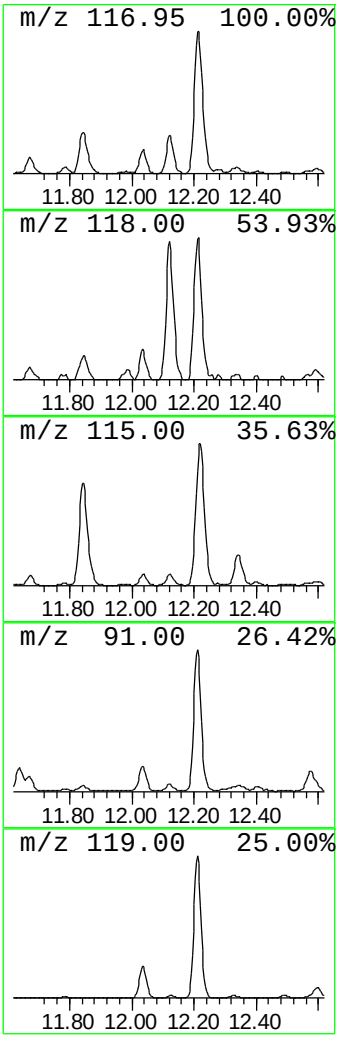
****

Peak Number 32 Benzene, 2-propenyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	0.50 ug/L	86297	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
4	Indane	118	C9H10	000496-11-7	53
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

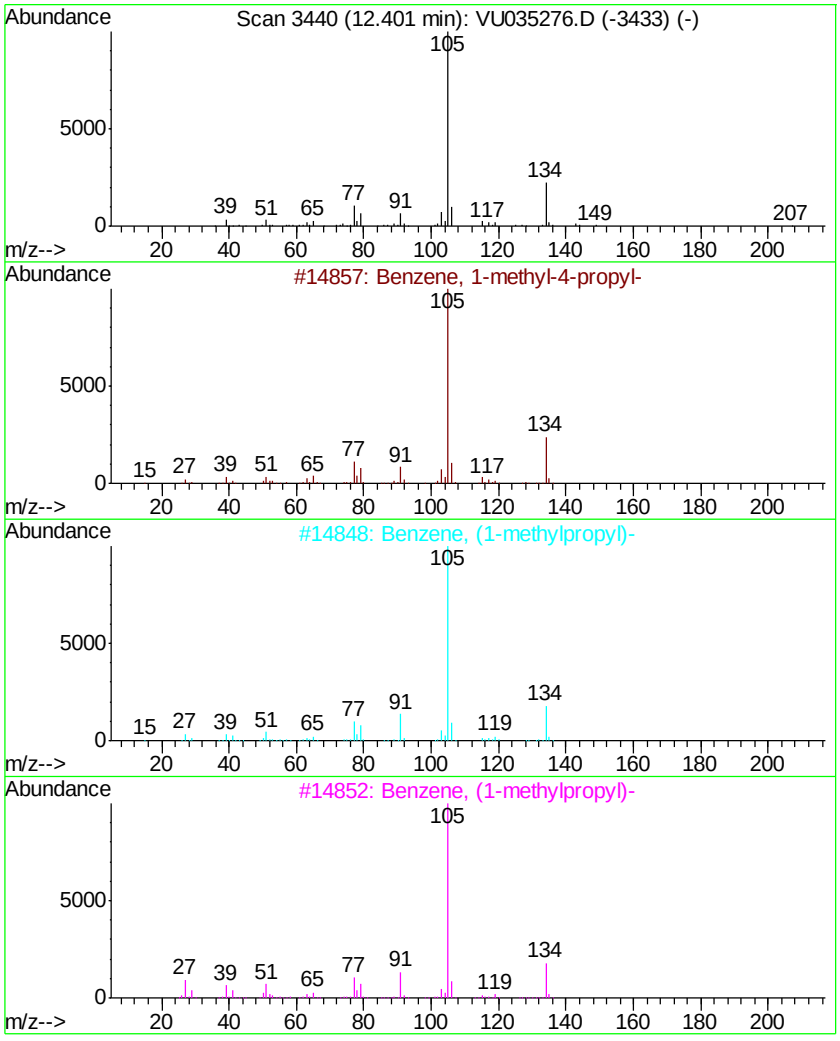
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

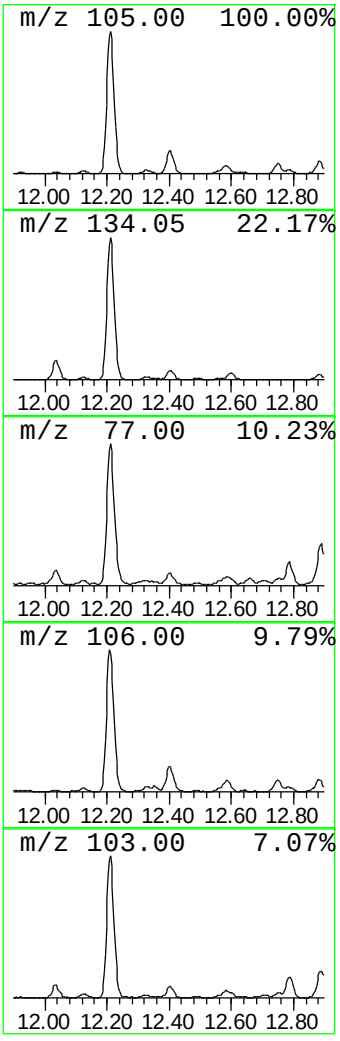
****

Peak Number 33 Benzene, 1-methyl-4-propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	0.66 ug/L	112698	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

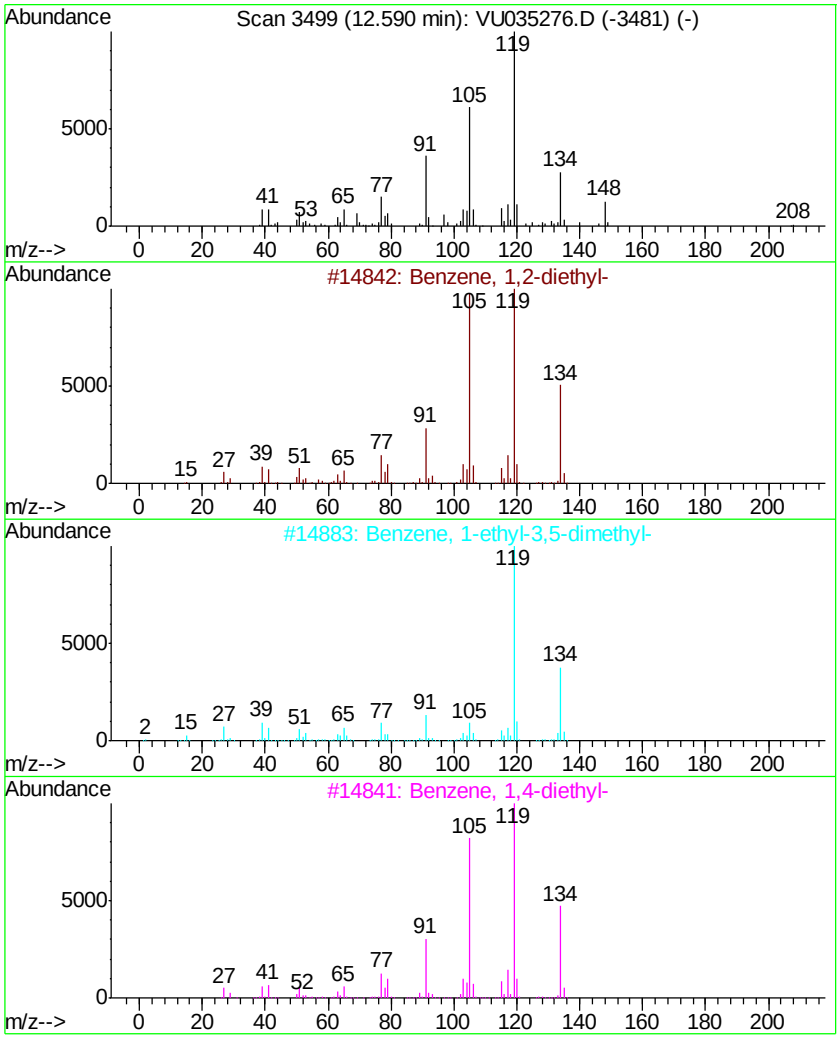
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

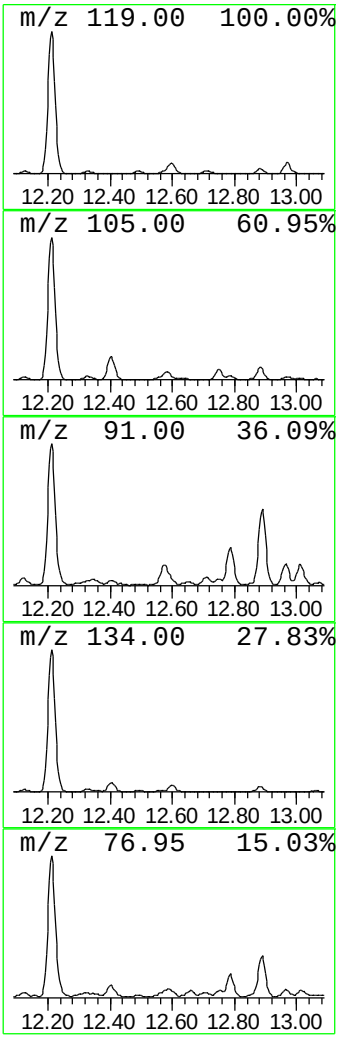
****

Peak Number 34 Benzene, 1,2-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	1.02 ug/L	174658	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

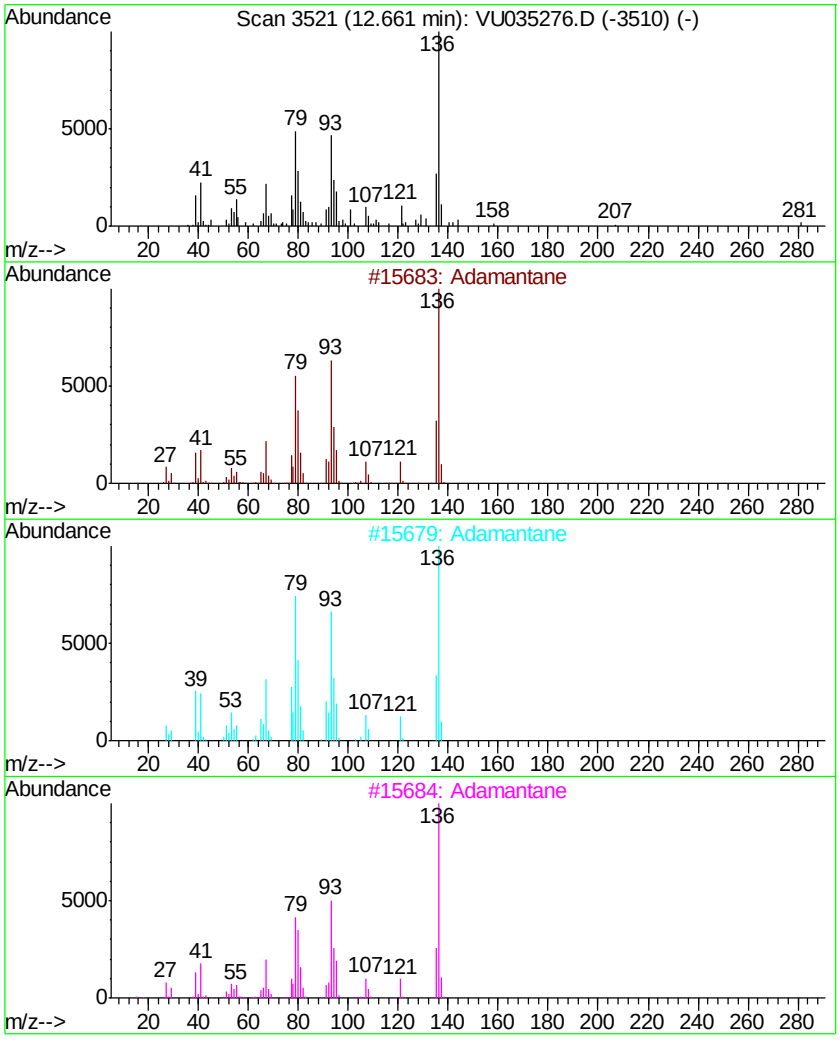
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

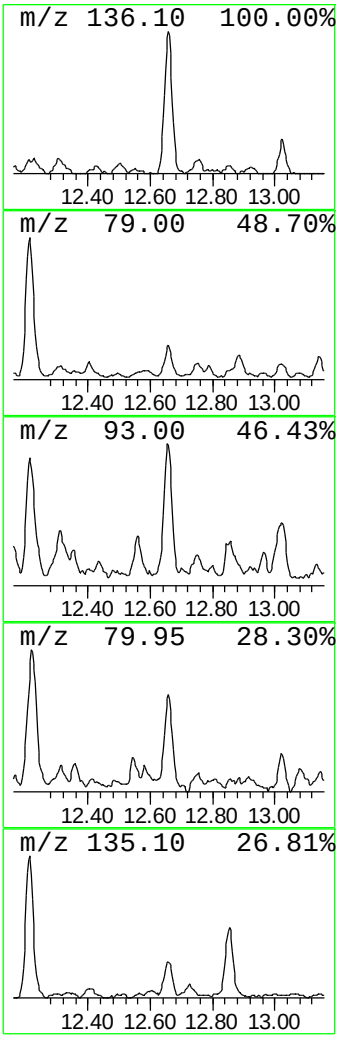
****

Peak Number 35 Adamantane Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	0.54 ug/L	92786	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	98
2	Adamantane	136	C10H16	000281-23-2	96
3	Adamantane	136	C10H16	000281-23-2	96
4	2H-Inden-2-one, 1,3,3a,4,5,7a-he...	136	C9H12O	070501-28-9	50
5	1,4-Benzenediamine, N,N-dimethyl-	136	C8H12N2	000099-98-9	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

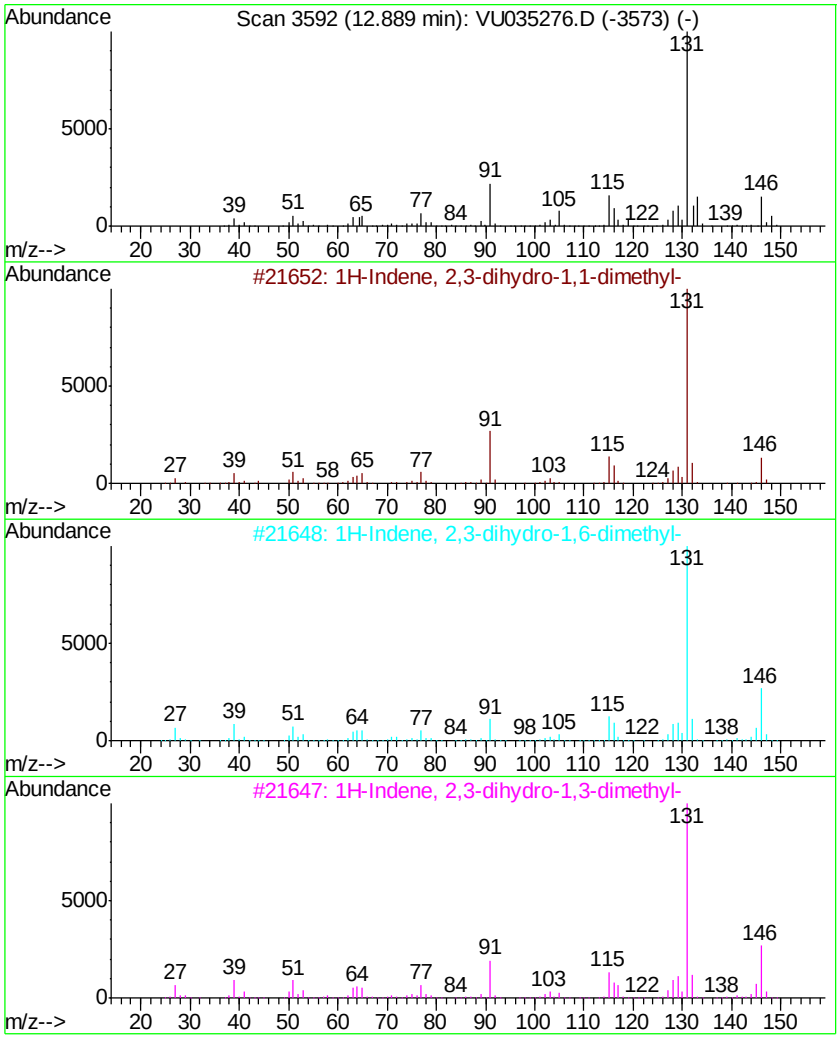
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

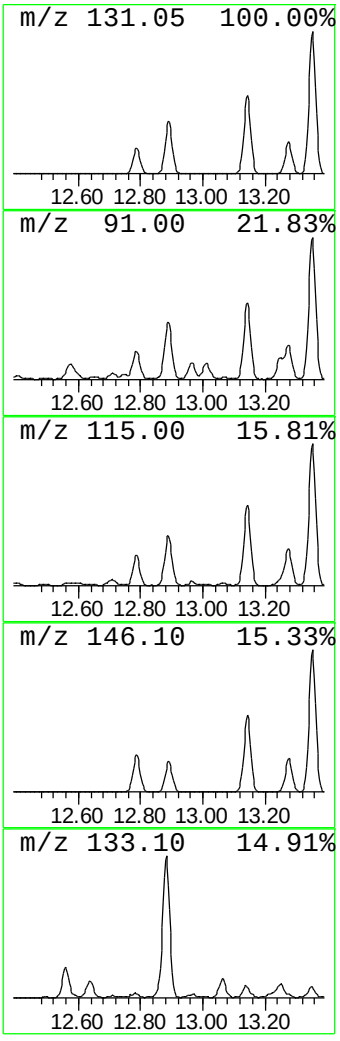
****

Peak Number 37 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.01 ug/L	858615	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	68





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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

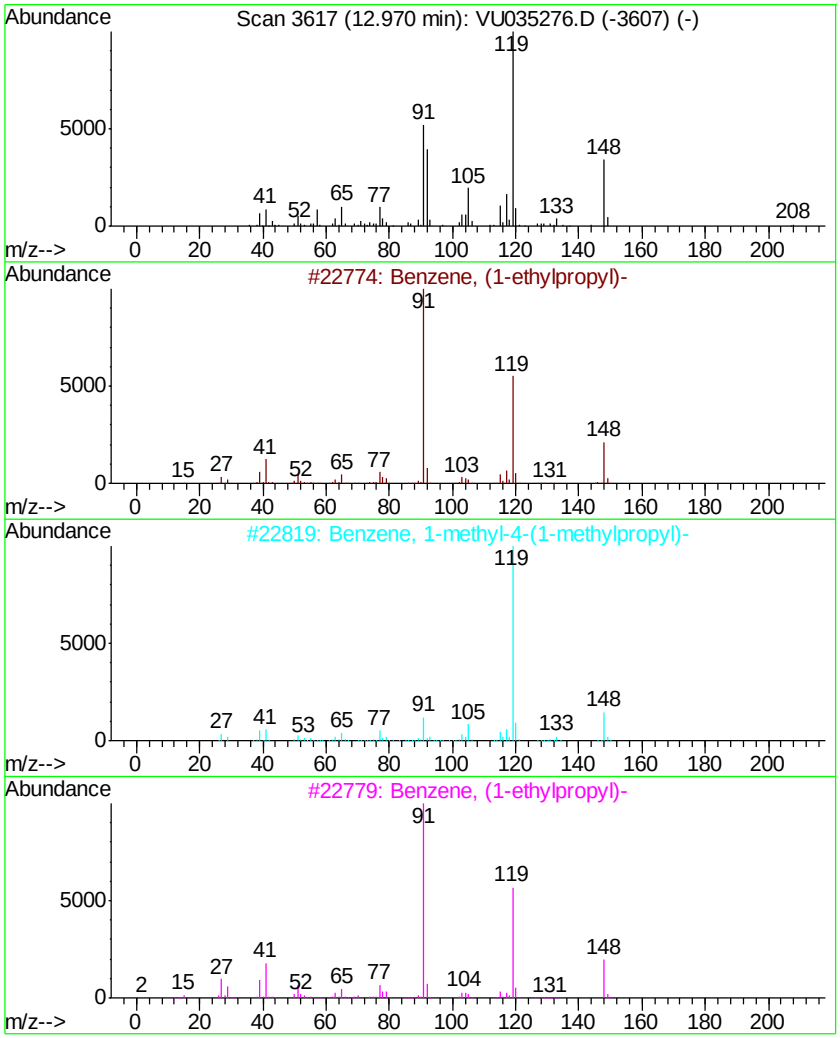
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

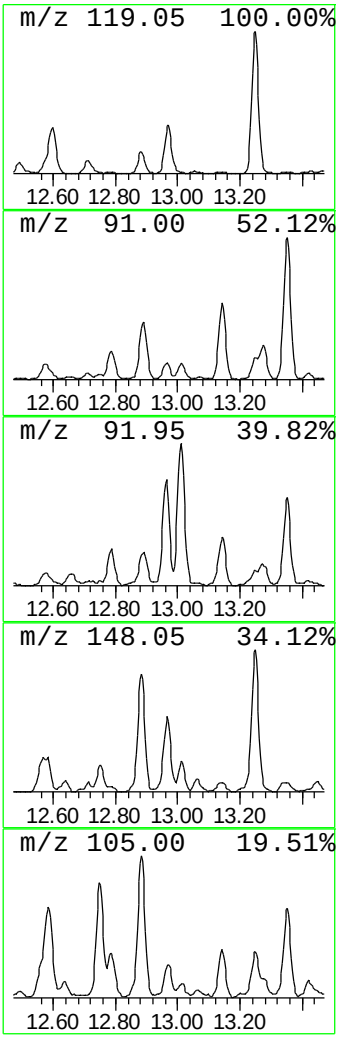
****

Peak Number 38 Benzene, (1-ethylpropyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	0.62 ug/L	106053	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
3	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	58
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	58
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52





Library Search Compound Report

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Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

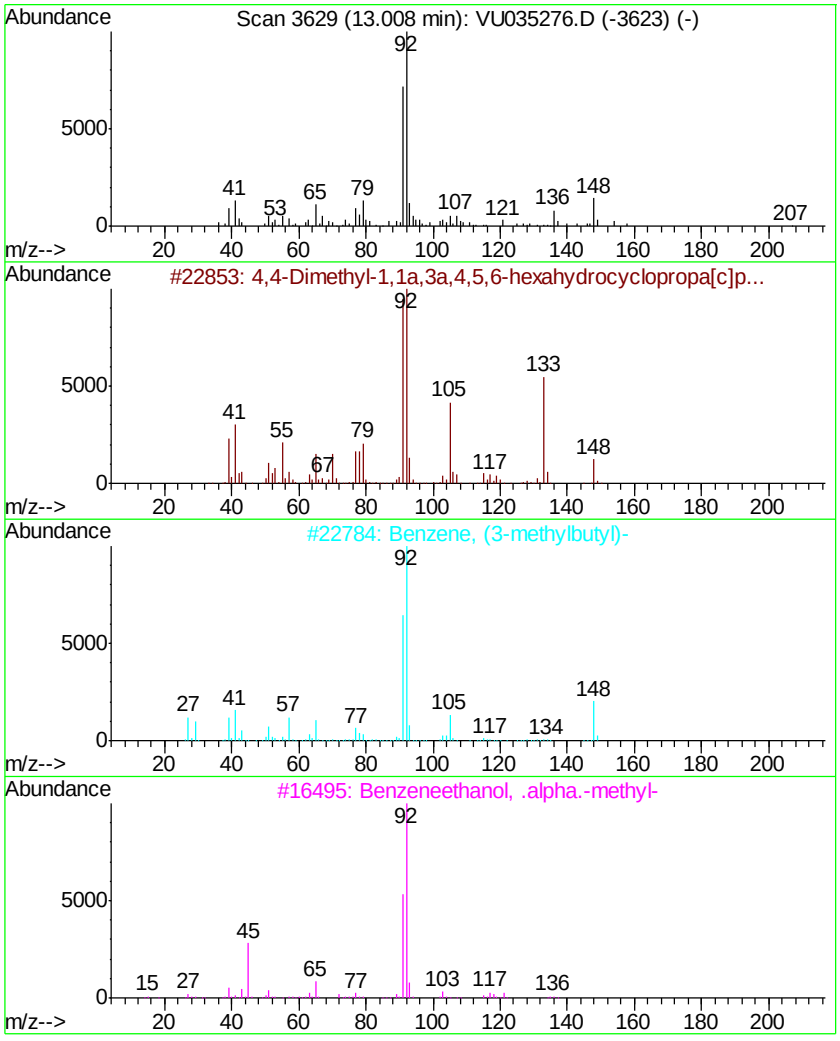
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

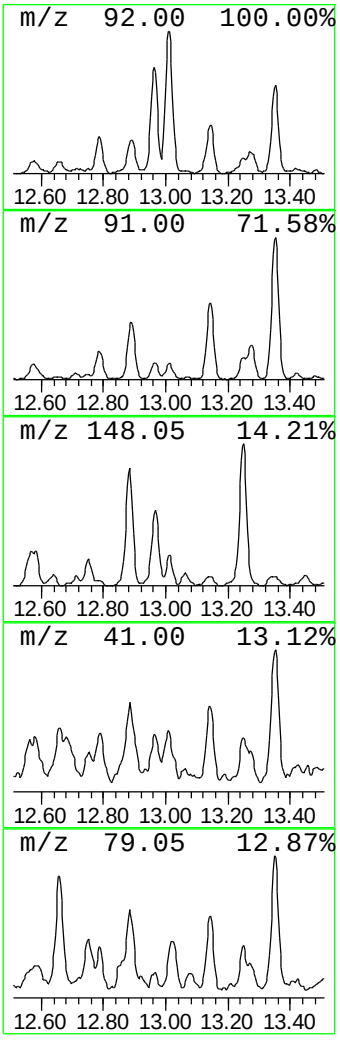
****

Peak Number 39 4,4-Dimethyl-1,1a,3a,4,5,6-... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	0.51 ug/L	87966	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4-Dimethyl-1,1a,3a,4,5,6-hexah...	148	C11H16	264628-27-5	72
2	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	68
3	Benzeneethanol, .alpha.-methyl-	136	C9H12O	000698-87-3	59
4	Benzeneethanol, .alpha.-methyl-	136	C9H12O	000698-87-3	59
5	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

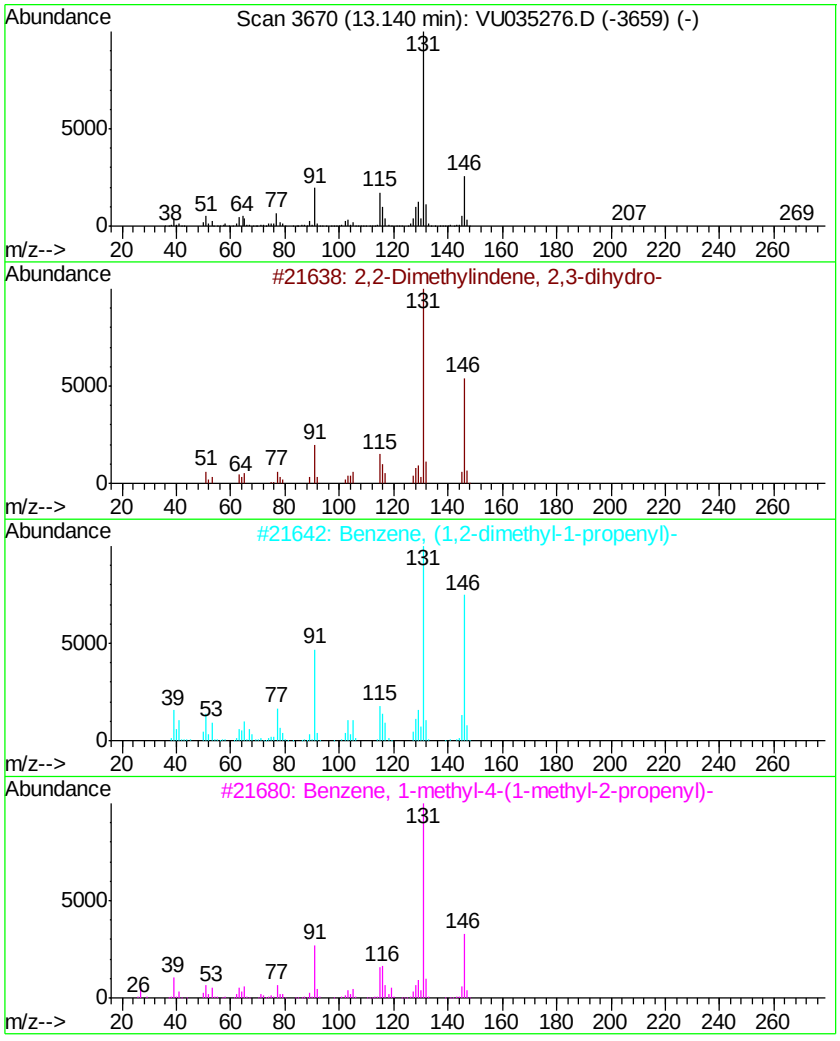
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

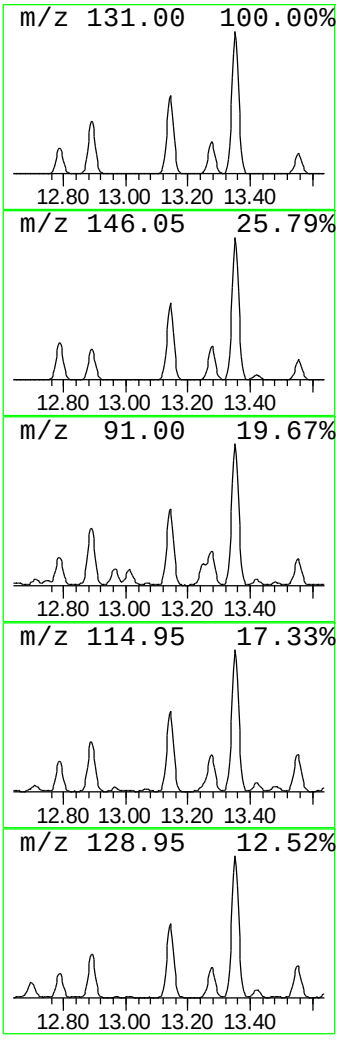
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2,2-Dimethylindene, 2,3-dih... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	6.44 ug/L	1103990	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

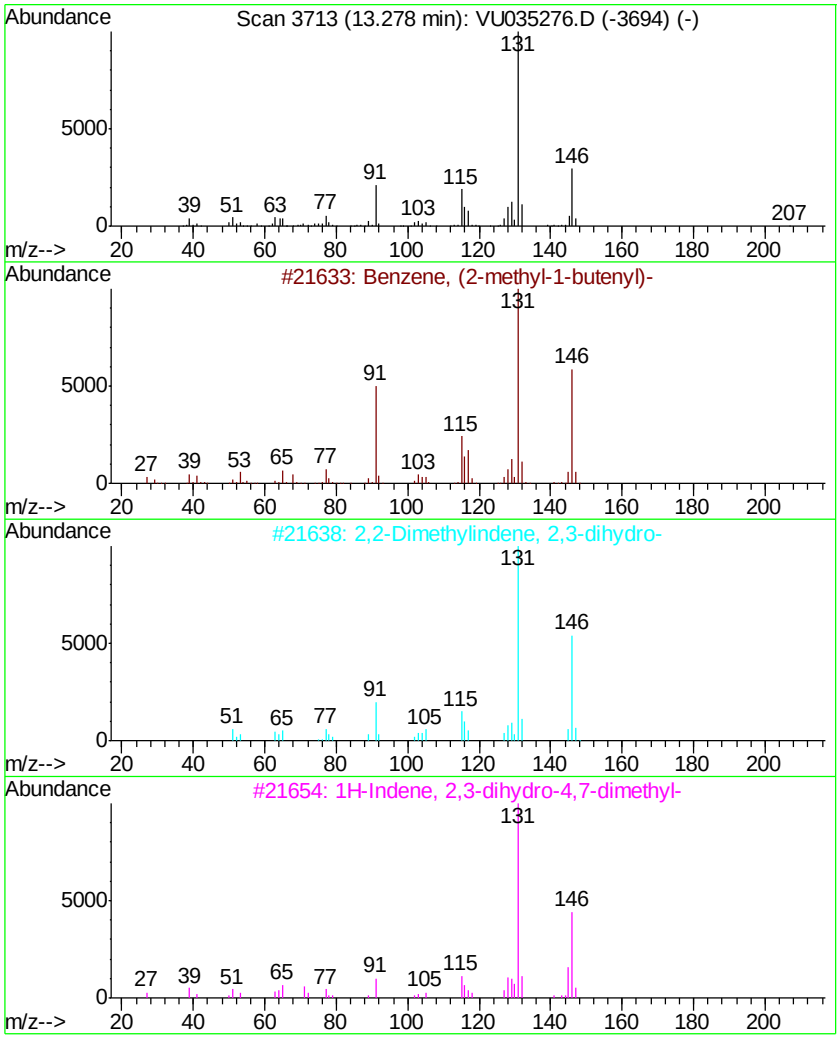
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

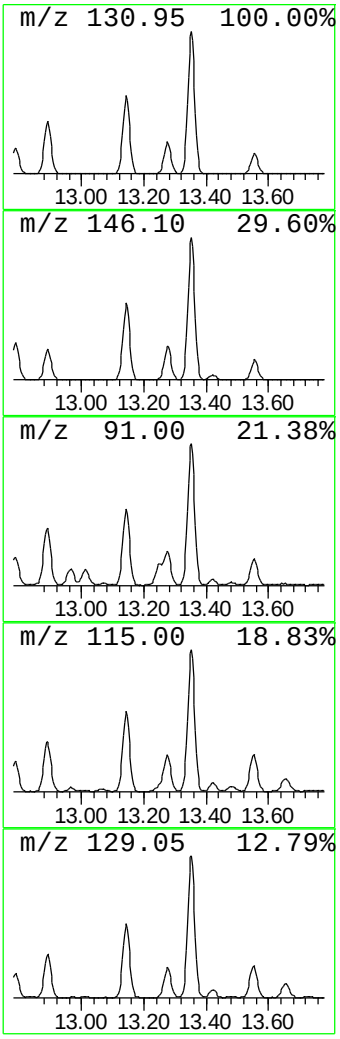
****

Peak Number 41 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.72 ug/L	637484	1,4-Dichlorobenzene-d4	11.84

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	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

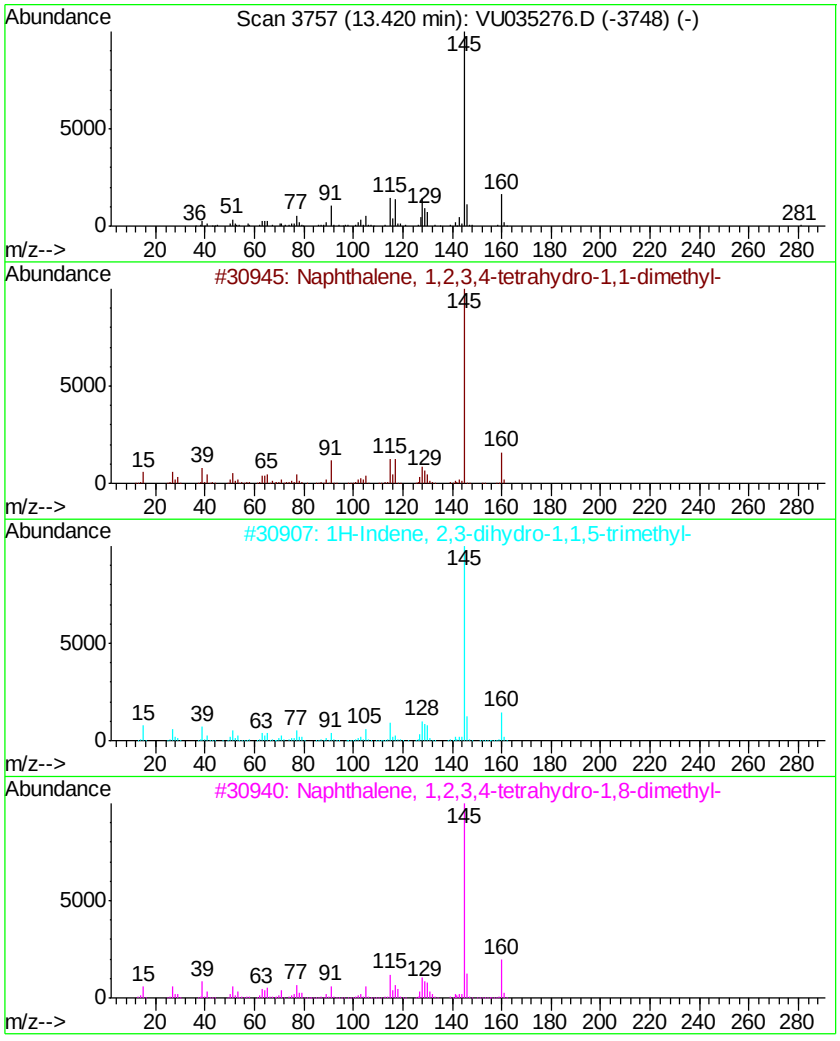
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

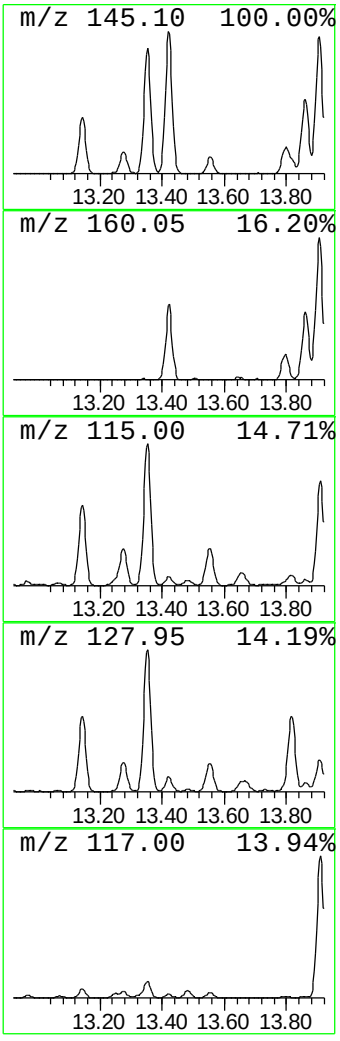
****

Peak Number 43 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	0.87 ug/L	150013	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	94
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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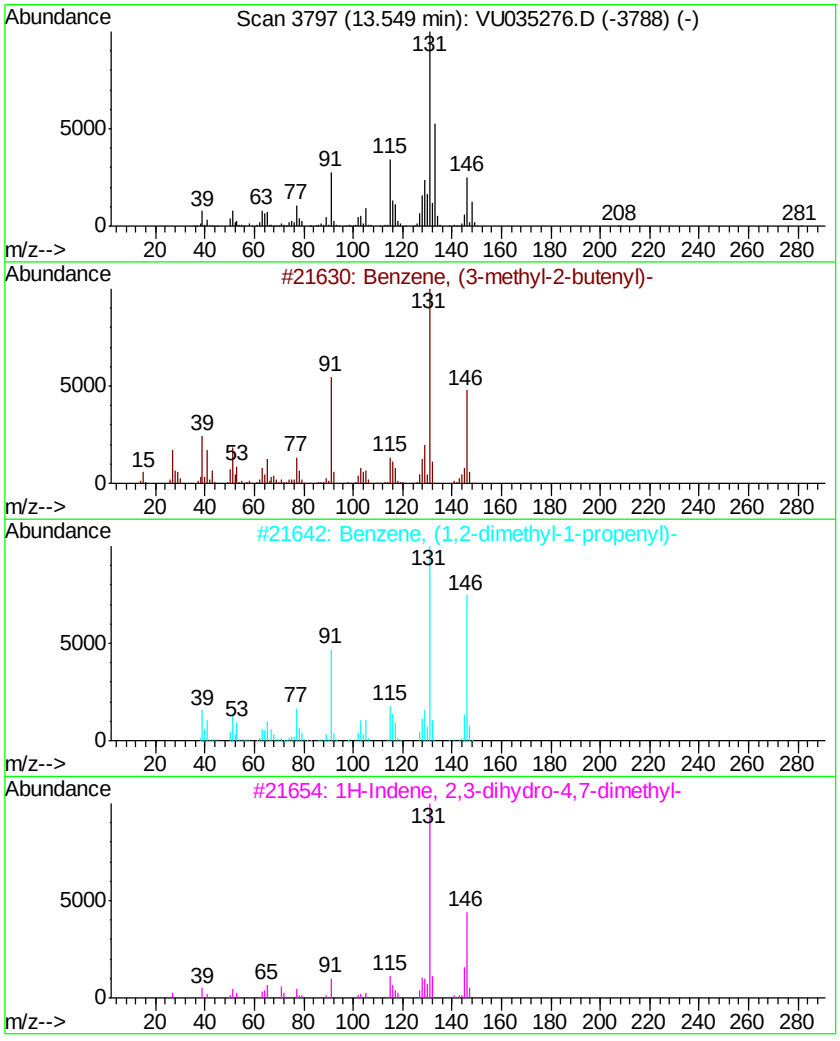
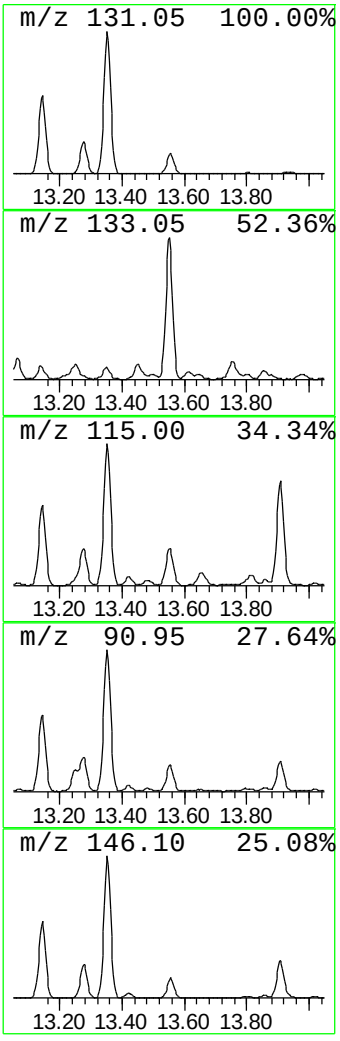
Peak Number 44 Benzene, (3-methyl-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.64 ug/L	451907	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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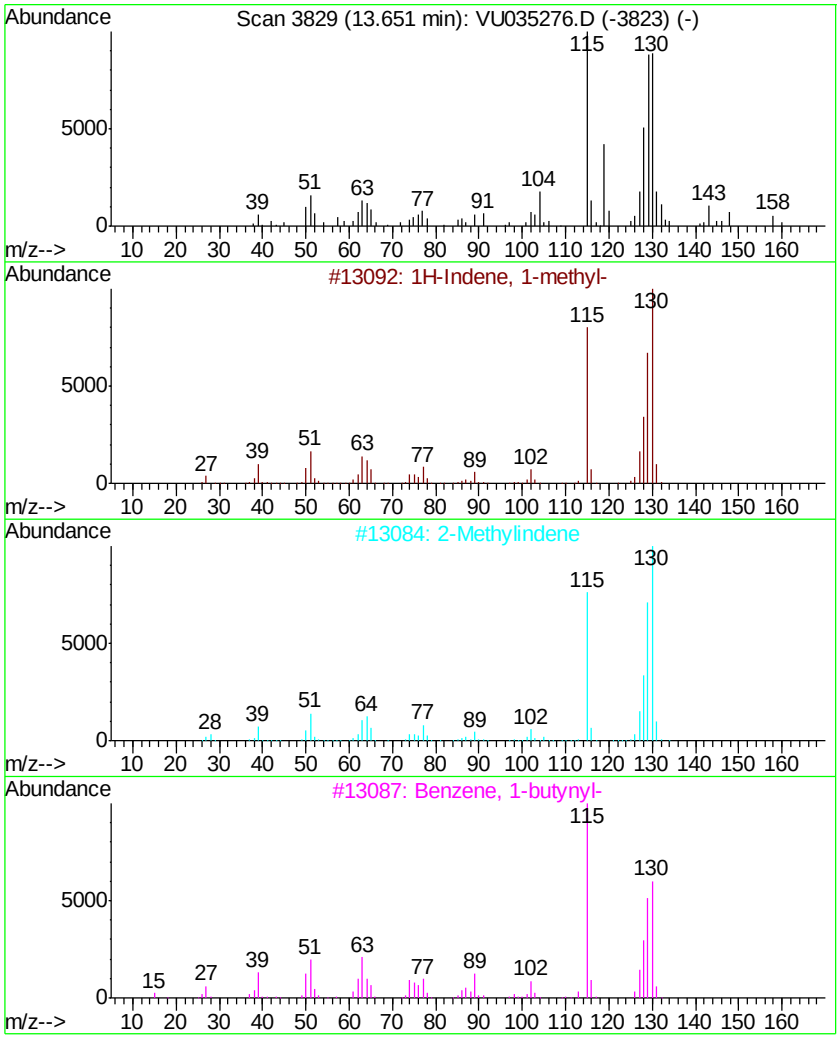
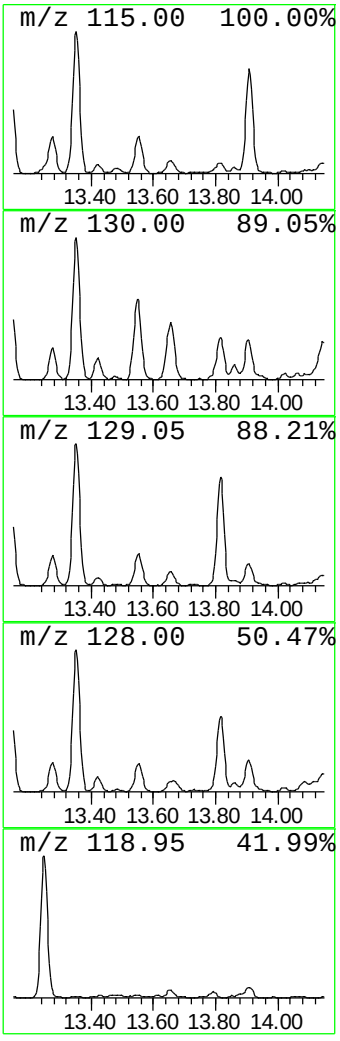
Peak Number 45 1H-Indene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	0.53 ug/L	91682	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	92
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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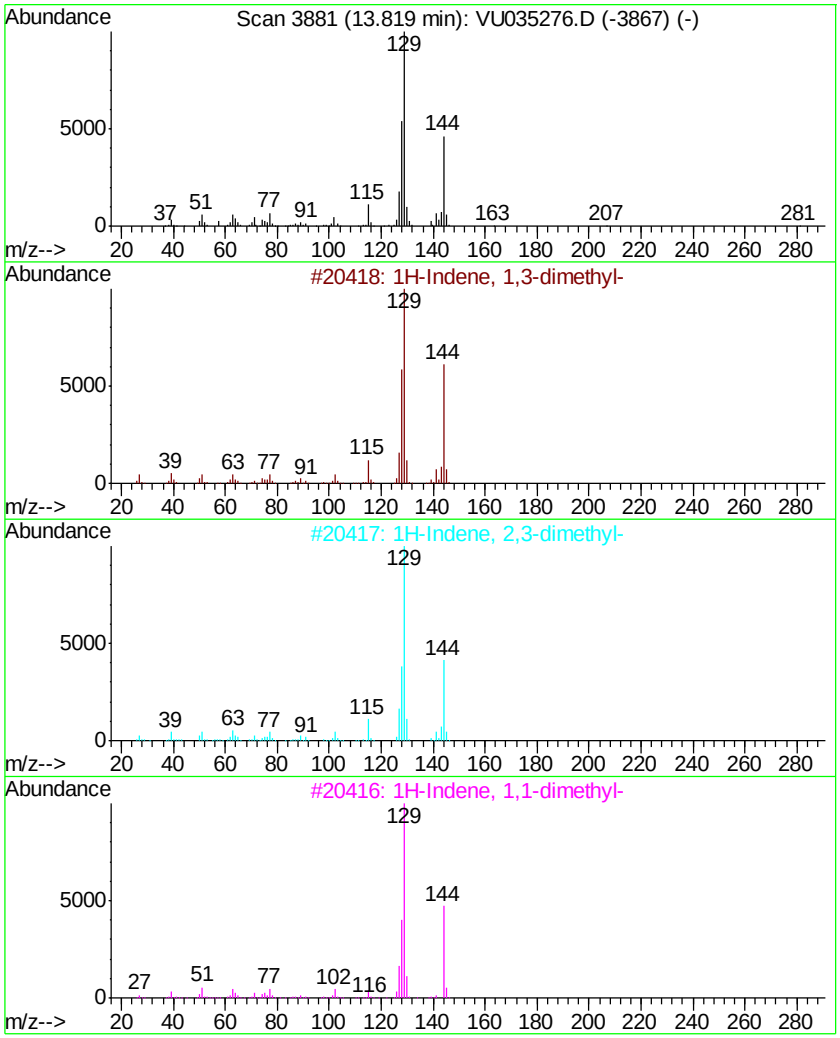
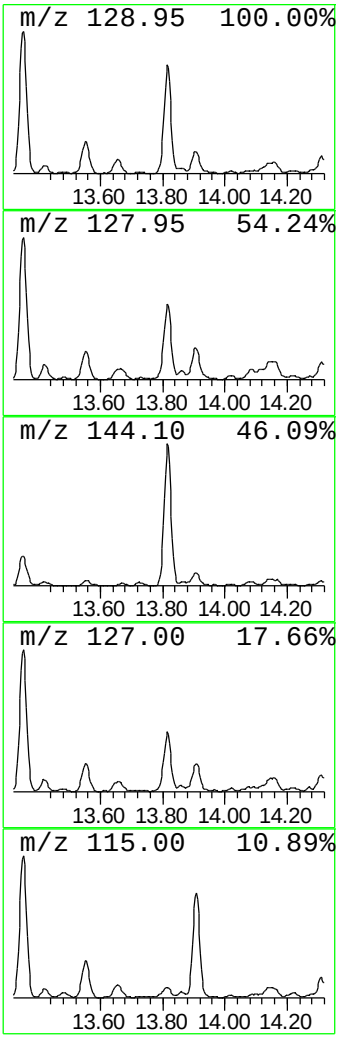
Peak Number 46 1H-Indene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	1.51 ug/L	258885	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
5	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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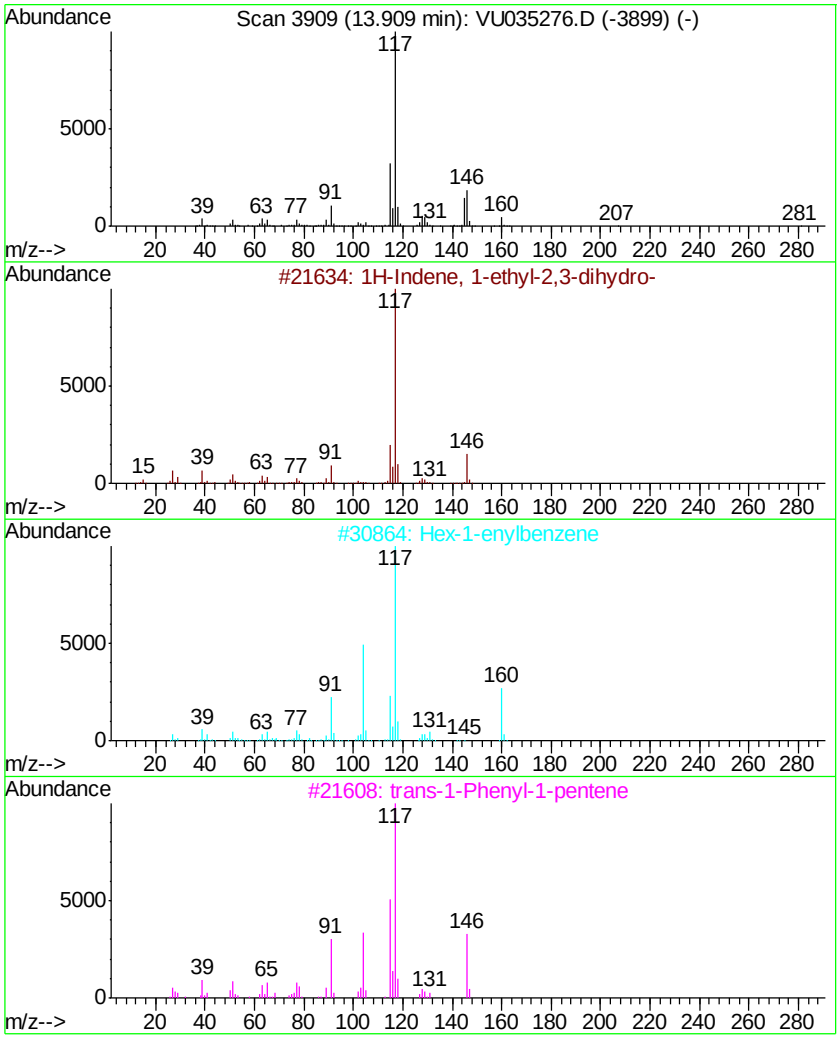
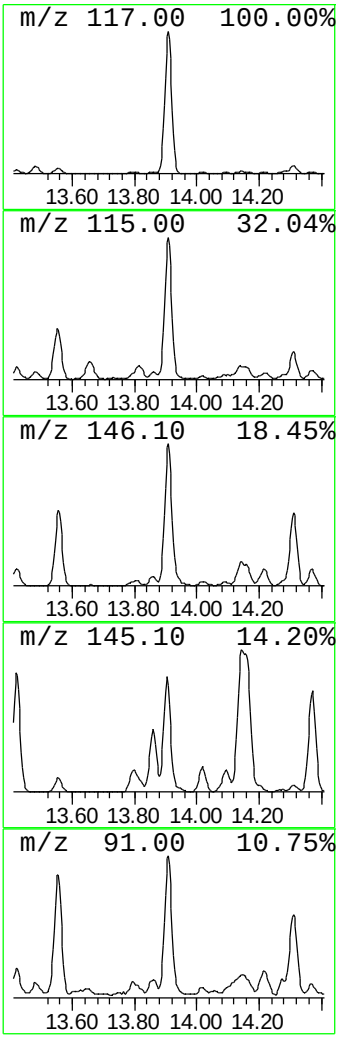
Peak Number 47 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.45 ug/L	762149	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	81
2	Hex-1-enylbenzene	160	C12H16	000828-15-9	72
3	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	72
4	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035276.D
Acq On : 18 Oct 2019 19:11
Operator : JC/SP
Sample : K5419-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.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: Cyc...	4.02	1.4	ug/L	197929	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	4.14	0.6	ug/L	82275	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	4.38	1.3	ug/L	181152	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	4.58	1.5	ug/L	222282	1	6.29	722355	5.0
(DEL) Alkane: Str...	5.50	0.7	ug/L	103514	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	6.02	1.1	ug/L	156603	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	6.50	0.6	ug/L	80421	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	6.60	1.6	ug/L	226749	1	6.29	722355	5.0
Cyclohexene, 3-me...	7.20	1.0	ug/L	144998	1	6.29	722355	5.0
Cyclohexene, 1-me...	7.79	0.7	ug/L	104877	1	6.29	722355	5.0
(DEL) Alkane: Cyc...	8.07	0.6	ug/L	111439	2	9.45	865949	5.0
(DEL) Alkane: Cyc...	8.28	1.0	ug/L	167368	2	9.45	865949	5.0
(DEL) Alkane: Cyc...	8.40	0.5	ug/L	91348	2	9.45	865949	5.0
Cyclopentene, 1,2...	8.44	3.9	ug/L	667246	2	9.45	865949	5.0
1,4-Hexadiene, 3-...	8.63	0.6	ug/L	95526	2	9.45	865949	5.0
1,3-Dimethyl-1-cy...	8.74	3.8	ug/L	654265	2	9.45	865949	5.0
Cyclohexane, 1-me...	8.81	1.6	ug/L	285092	2	9.45	865949	5.0
Cyclohexene, 1,6-...	9.11	1.8	ug/L	314611	2	9.45	865949	5.0
1,2,4,4-Tetrameth...	9.29	0.6	ug/L	97756	2	9.45	865949	5.0
1,1-Cyclohexane d...	9.92	0.8	ug/L	130788	2	9.45	865949	5.0
1-Hydroxymethyl-2...	10.18	0.5	ug/L	93743	2	9.45	865949	5.0
3-Octyne, 2-methyl-	10.32	1.4	ug/L	240430	2	9.45	865949	5.0
Cyclopentane, 2-e...	10.59	0.6	ug/L	103661	2	9.45	865949	5.0
unknown-01	10.72	1.1	ug/L	185718	3	11.84	857237	5.0
Benzene, tert-butyl-	11.45	1.1	ug/L	196944	3	11.84	857237	5.0
Benzeneacetaldehy...	11.67	0.9	ug/L	150000	3	11.84	857237	5.0
p-Cymene	12.03	1.3	ug/L	216713	3	11.84	857237	5.0
Benzene, 2-propenyl-	12.12	0.5	ug/L	86297	3	11.84	857237	5.0
Benzene, 1-methyl...	12.40	0.7	ug/L	112698	3	11.84	857237	5.0
Benzene, 1,2-diet...	12.59	1.0	ug/L	174658	3	11.84	857237	5.0
Adamantane	12.66	0.5	ug/L	92786	3	11.84	857237	5.0
1H-Indene, 2,3-di...	12.89	5.0	ug/L	858615	3	11.84	857237	5.0
Benzene, (1-ethyl...	12.97	0.6	ug/L	106053	3	11.84	857237	5.0
4,4-Dimethyl-1,1a...	13.01	0.5	ug/L	87966	3	11.84	857237	5.0
2,2-Dimethylinden...	13.14	6.4	ug/L	1103990	3	11.84	857237	5.0
Benzene, (2-methy...	13.28	3.7	ug/L	637484	3	11.84	857237	5.0
Naphthalene, 1,2,...	13.42	0.9	ug/L	150013	3	11.84	857237	5.0
Benzene, (3-methy...	13.55	2.6	ug/L	451907	3	11.84	857237	5.0
1H-Indene, 1-methyl-	13.65	0.5	ug/L	91682	3	11.84	857237	5.0
1H-Indene, 1,3-di...	13.82	1.5	ug/L	258885	3	11.84	857237	5.0
1H-Indene, 1-ethy...	13.91	4.5	ug/L	762149	3	11.84	857237	5.0