LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

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\SOMUTR052219WMA.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	1.752	196	206	224	rVB	2331090	3125543	17.85%	1.614%
2	2.302	354	377	395	rBV2	1690995	3692539	21.09%	1.906%
3	2.701	478	501	519	rBV	3612681	7428658	42.43%	3.835%
4	2.987	574	590	614	rVB	1532620	3223411	18.41%	1.664%
5	3.839	831	855	877	rBV	556008	1557269	8.89%	0.804%
6	3.977	878	898	917	rVV	1114405	3111444	17.77%	1.606%
7	4.080	917	930	947	rVV3	219475	604083	3.45%	0.312%
8	4.196	950	966	1018	rVB3	344201	1264821	7.22%	0.653%
9	4.643	1089	1105	1115	rBV2	238673	557929	3.19%	0.288%
10	4.723	1115	1130	1155	rVB2	1006738	2715588	15.51%	1.402%
11	5.071	1221	1238	1262	rVB	3505007	8432998	48.17%	4.354%
12	5.247	1269	1293	1304	rBV3	462686	1293060	7.39%	0.668%
13	5.334	1305	1320	1326	rVV3	506238	1284280	7.34%	0.663%
14	5.383	1327	1335	1349	rVV	1033826	2174556	12.42%	1.123%
15	5.476	1350	1364	1373	rVV3	1325776	3175942	18.14%	1.640%
16	5.530	1374	1381	1397	rVV4	1104398	2771614	15.83%	1.431%
17	5.614	1398	1407	1427	rVB3	198915	455417	2.60%	0.235%
18	5.881	1478	1490	1528	rVB	449463	921675	5.26%	0.476%
19	6.325	1618	1628	1637	rVV	294852	575468	3.29%	0.297%
20	6.386	1637	1647	1662	rVV2	511618	1107340	6.32%	0.572%
21	6.466	1662	1672	1681	rVV2	312725	590882	3.37%	0.305%
22	6.527	1681	1691	1701	rVV	694661	1344504	7.68%	0.694%
23	6.727	1736	1753	1769	rBV3	662992	1541517	8.80%	0.796%
24	6.916	1793	1812	1831	rVB3	739829	1891624	10.80%	0.977%
25	7.042	1836	1851	1861	rBV	874470	1800103	10.28%	0.929%
26	7.096	1861	1868	1877	rVB	349823	539400	3.08%	0.278%
27	7.218	1894	1906	1912	rBV4	326710	652906	3.73%	0.337%
28	7.296	1923	1930	1939	rVB	262416	430477	2.46%	0.222%
29	7.370	1940	1953	1964	rVB	406635	816980	4.67%	0.422%
30	7.437	1964	1974	1988	rVB2	224313	438933	2.51%	0.227%
31	7.524	1988	2001	2006	rBV4	462285	853264	4.87%	0.441%
32	7.559	2007	2012	2044	rVB	726748	1290637	7.37%	0.666%
33	7.701	2044	2056	2071	rBV3	298155	774814	4.43%	0.400%
34	7.913	2111	2122	2142	rVB	464235	884583	5.05%	0.457%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

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\SOMUTR052219WMA.M
Title : TRACE VOA SOM01.0

35	8.042	2142	2162	2172	rBV2	535521	1090781	6.23%	0.563%
36	8.312	2234	2246	2263	rBV	792252	1611786	9.21%	0.832%
37	8.482	2293	2299	2308	rVB4	235737	383411	2.19%	0.198%
38	9.087	2477	2487	2506	rVV	645071	1102213	6.30%	0.569%
39	9.244	2525	2536	2551	rBV	1757887	2910198	16.62%	1.503%
40	9.370	2561	2575	2591	rVB10	150503	542105	3.10%	0.280%
41	9.714	2669	2682	2703	rBV6	139179	415025	2.37%	0.214%
42	10.160	2811	2821	2833	rBV	493396	791890	4.52%	0.409%
43	10.427	2895	2904	2915	rVV	263025	443033	2.53%	0.229%
44	10.582	2942	2952	2971	rVB	827448	1303162	7.44%	0.673%
45	10.968	3060	3072	3092	rBV	1053824	1721253	9.83%	0.889%
46	11.286	3155	3171	3176	rBV	419812	704167	4.02%	0.364%
47	11.318	3176	3181	3196	rVB	606184	912983	5.21%	0.471%
48	11.421	3203	3213	3222	rBV	432838	654015	3.74%	0.338%
49	11.479	3222	3231	3245	rVB	749067	1165616	6.66%	0.602%
50	11.685	3284	3295	3306	rVB	295858	476319	2.72%	0.246%
51	11.765	3306	3320	3339	rBV3	8215466	17508421	100.00%	9.039%
52	11.858	3339	3349	3373	rVB3	2810012	4746730	27.11%	2.451%
53	11.977	3374	3386	3398	rBV	1169286	1809513	10.34%	0.934%
54	12.051	3398	3409	3424	rVB	2332482	3607279	20.60%	1.862%
55	12.141	3428	3437	3442	rBV	345137	526354	3.01%	0.272%
56	12.170	3442	3446	3455	rVB	290583	391634	2.24%	0.202%
57	12.247	3455	3470	3474	rBV	930033	1457382	8.32%	0.752%
58	12.279	3475	3480	3491	rVB	1323144	1977007	11.29%	1.021%
59	12.350	3491	3502	3508	rBV	2413130	3979216	22.73%	2.054%
60	12.488	3532	3545	3552	rBV3	332502	679228	3.88%	0.351%
61	12.533	3552	3559	3574	rVB2	559162	1036498	5.92%	0.535%
62	12.646	3574	3594	3602	rBV	6133848	10132816	57.87%	5.231%
63	12.697	3602	3610	3625	rVB	4474779	6877327	39.28%	3.551%
64	12.781	3625	3636	3652	rBV2	1637531	2709438	15.48%	1.399%
65	12.874	3657	3665	3668	rBV	363888	460619	2.63%	0.238%
66	12.919	3669	3679	3686	rVV3	830098	1891362	10.80%	0.976%
67	12.958	3686	3691	3698	rVV2	785573	1068377	6.10%	0.552%
68	13.077	3718	3728	3732	rBV	1009245	1559378	8.91%	0.805%
69	13.119	3732	3741	3754	rVV3	7035788	12011048	68.60%	6.201%
70	13.180	3754	3760	3769	rVB2	757102	1150034	6.57%	0.594%
71	13.231	3769	3776	3788	rBV	1294136	1878026	10.73%	0.970%

LSC Area Percent Report

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Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

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\SOMUTR052219WMA.M
Title : TRACE VOA SOM01.0

72	13.402	3819	3829	3837	rBV2	1035993	1745694	9.97%	0.901%
73	13.453	3838	3845	3851	rBV	636098	861092	4.92%	0.445%
74	13.504	3851	3861	3868	rBV3	3430043	5613340	32.06%	2.898%
75	13.572	3877	3882	3886	rBV	502414	557831	3.19%	0.288%
76	13.604	3887	3892	3898	rVB	1202428	1387938	7.93%	0.717%
77	13.726	3924	3930	3939	rVB3	317258	535227	3.06%	0.276%
78	13.784	3940	3948	3959	rVB	480624	741502	4.24%	0.383%
79	13.852	3959	3969	3986	rVB4	967475	1753375	10.01%	0.905%
80	13.948	3988	3999	4010	rBV3	1198489	2516916	14.38%	1.299%
81	14.009	4010	4018	4027	rVV2	832215	1383973	7.90%	0.715%
82	14.147	4050	4061	4075	rBV	934663	1648654	9.42%	0.851%
83	14.328	4107	4117	4132	rBV2	1251020	2428875	13.87%	1.254%
84	14.472	4153	4162	4171	rVV2	833980	1302606	7.44%	0.673%
85	14.537	4172	4182	4194	rVB3	911559	1729353	9.88%	0.893%
86	14.601	4195	4202	4212	rVB3	235296	375949	2.15%	0.194%
87	14.672	4214	4224	4240	rBV3	852588	1738365	9.93%	0.898%
88	14.855	4274	4281	4295	rVV2	584161	1161352	6.63%	0.600%
89	14.932	4296	4305	4319	rVB6	455291	983878	5.62%	0.508%
90	15.057	4335	4344	4357	rBV2	892589	1605242	9.17%	0.829%
91	15.122	4357	4364	4371	rBV3	243683	367337	2.10%	0.190%
92	15.244	4394	4402	4414	rVB5	172005	396285	2.26%	0.205%
93	15.581	4494	4507	4523	rVV4	342422	886953	5.07%	0.458%
94	15.829	4568	4584	4595	rVB2	363013	778989	4.45%	0.402%
95	15.913	4597	4610	4622	rBV2	472319	926769	5.29%	0.478%
96	16.054	4645	4654	4662	rBV	828531	1322801	7.56%	0.683%
97	16.093	4663	4666	4681	rVB2	276131	395361	2.26%	0.204%
98	16.253	4707	4716	4722	rBV2	317762	521174	2.98%	0.269%
99	16.427	4760	4770	4780	rBV	363211	562541	3.21%	0.290%
100	17.163	4991	4999	5009	rVB	294153	450203	2.57%	0.232%

Sum of corrected areas: 193689478

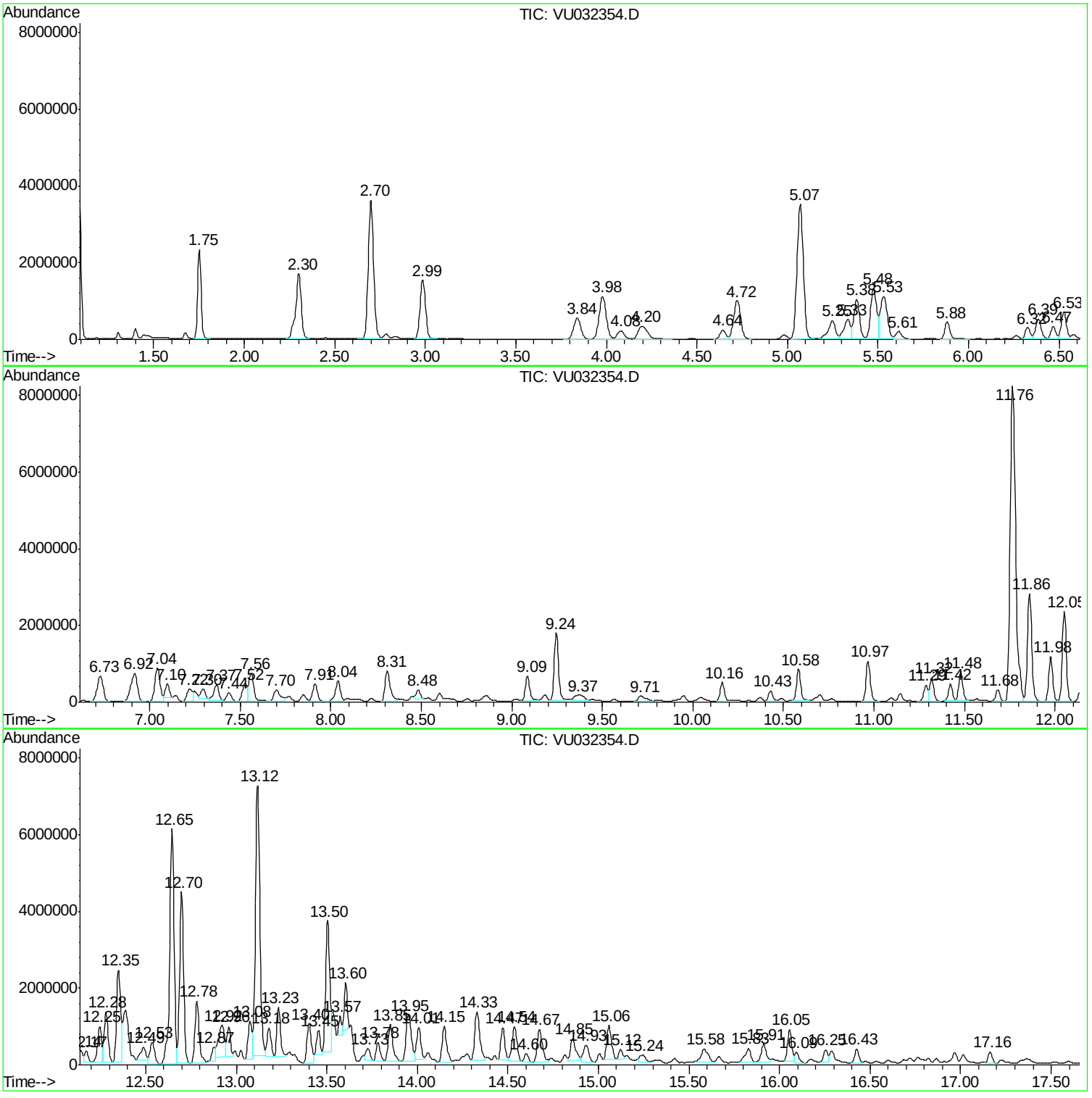
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.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\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

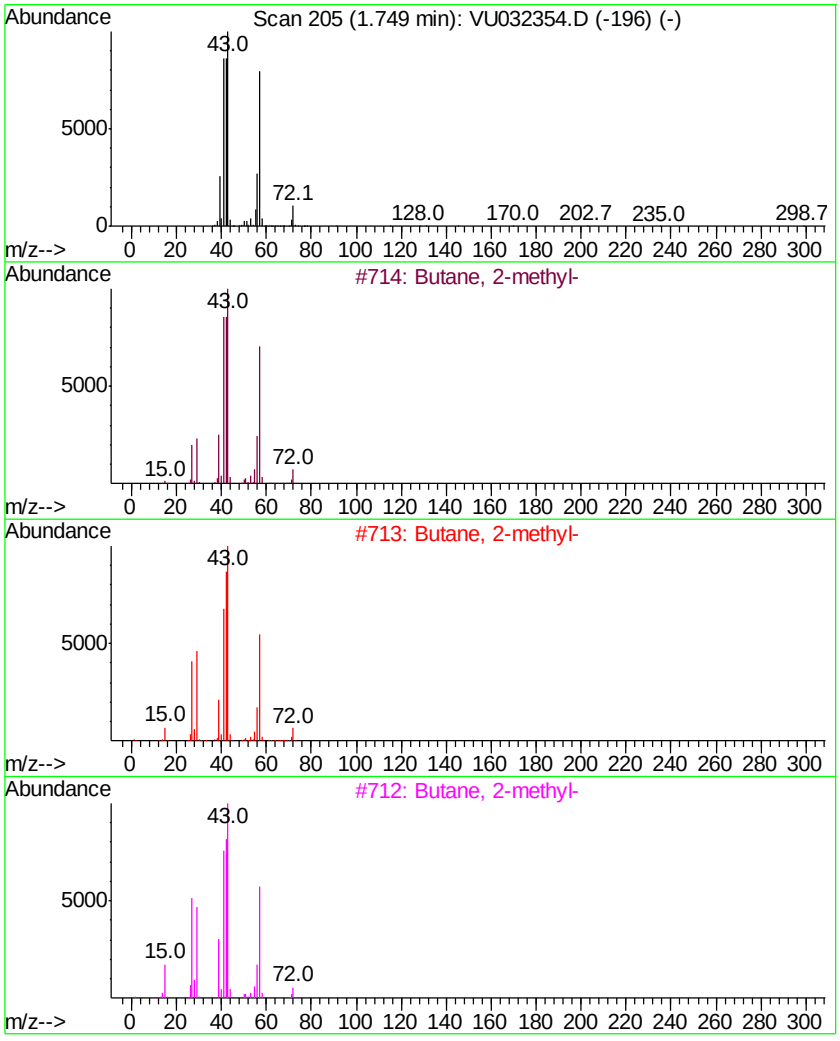
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

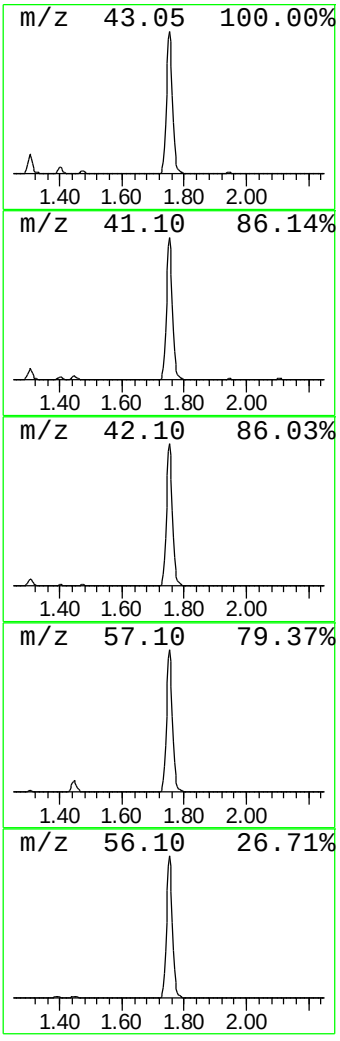
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	16.96 ug/L	3125540	1,4-Difluorobenzene	5.88

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	86
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

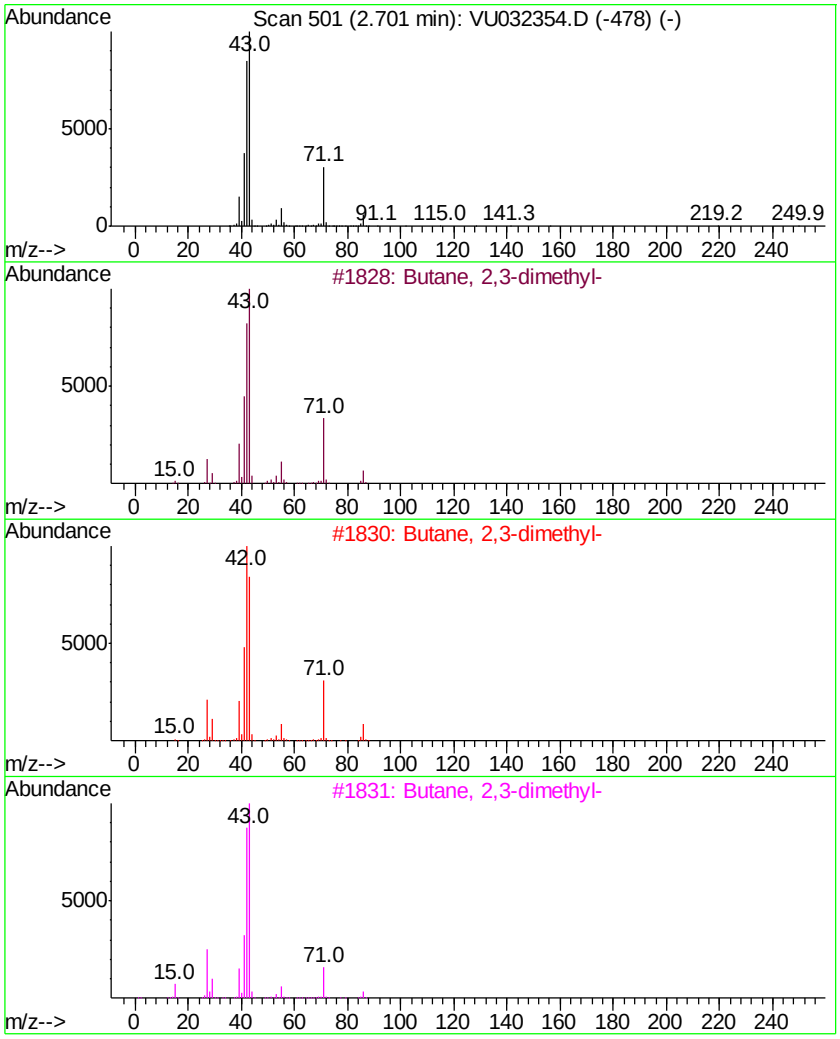
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

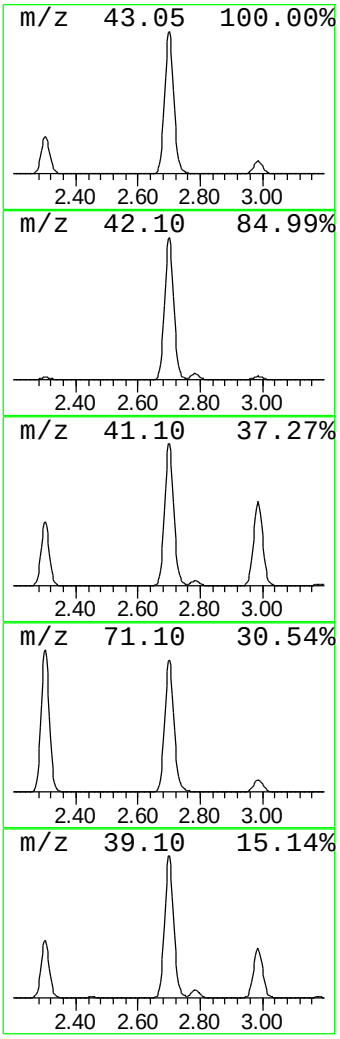
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	40.30 ug/L	7428660	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

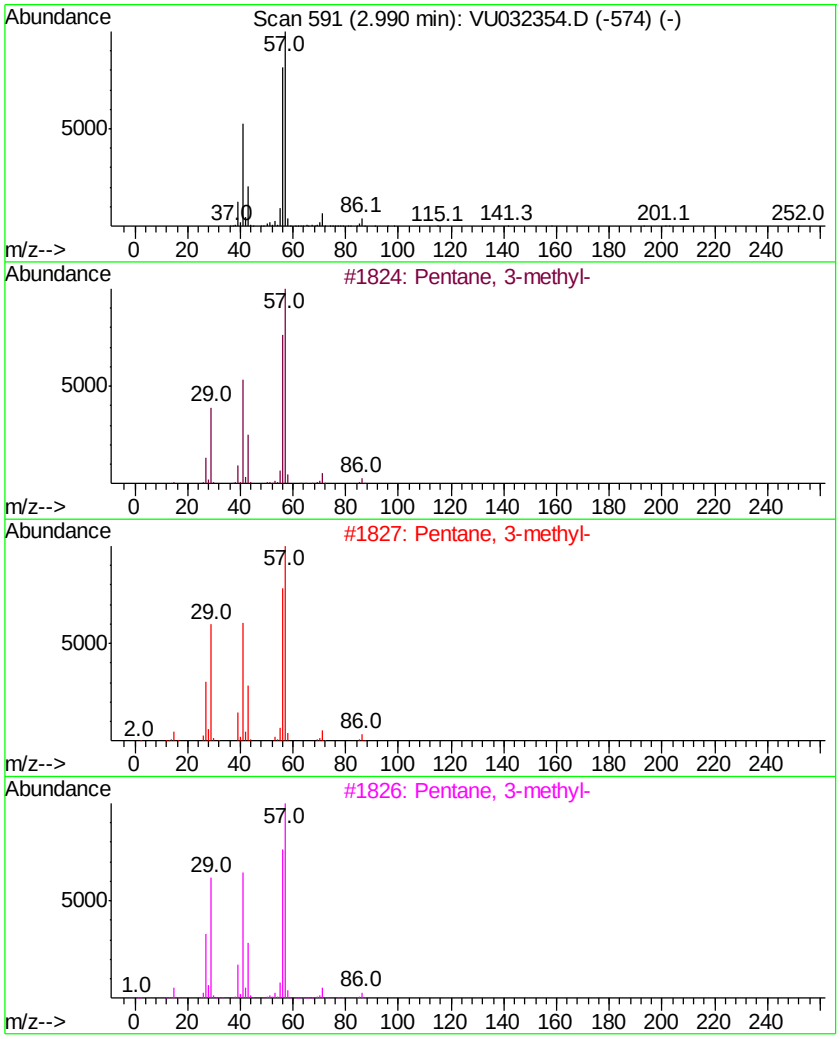
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

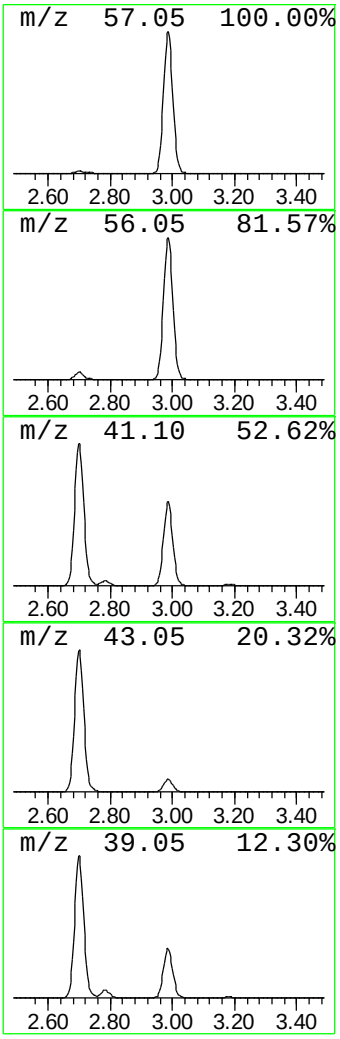
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	17.49 ug/L	3223410	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

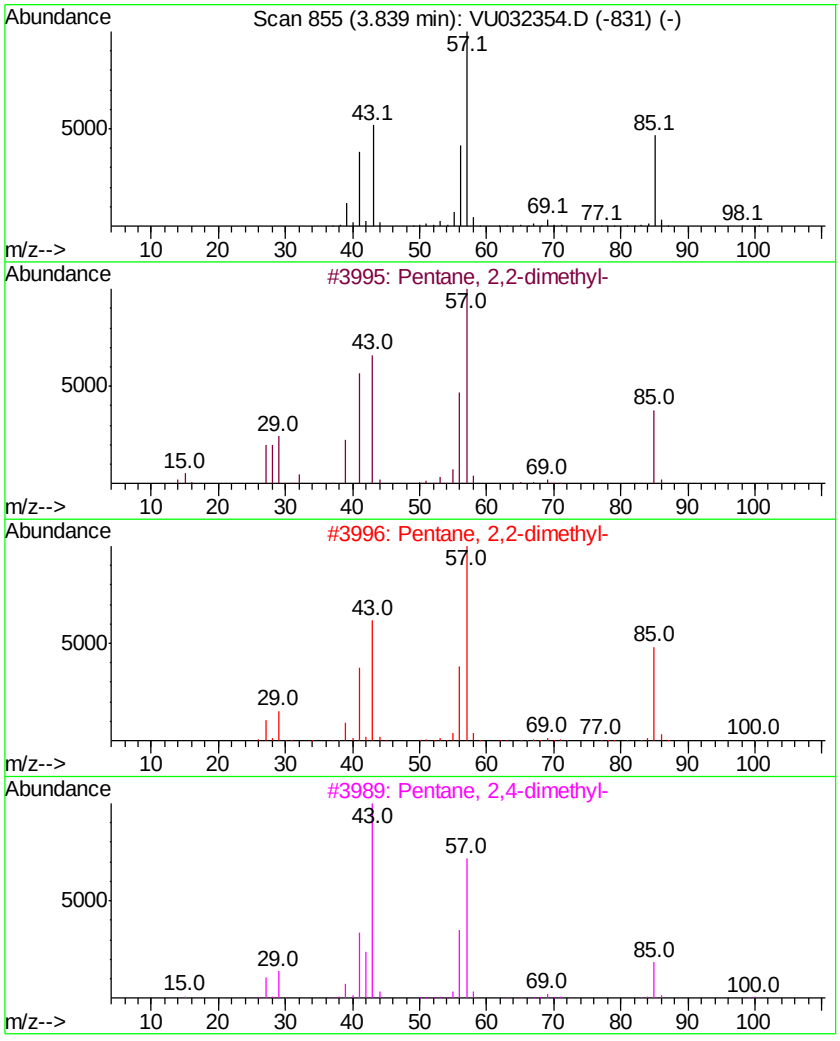
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

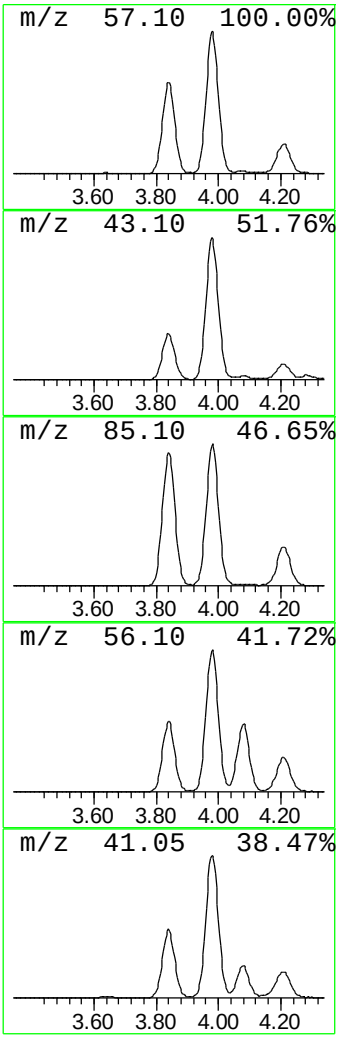
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	8.45 ug/L	1557270	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

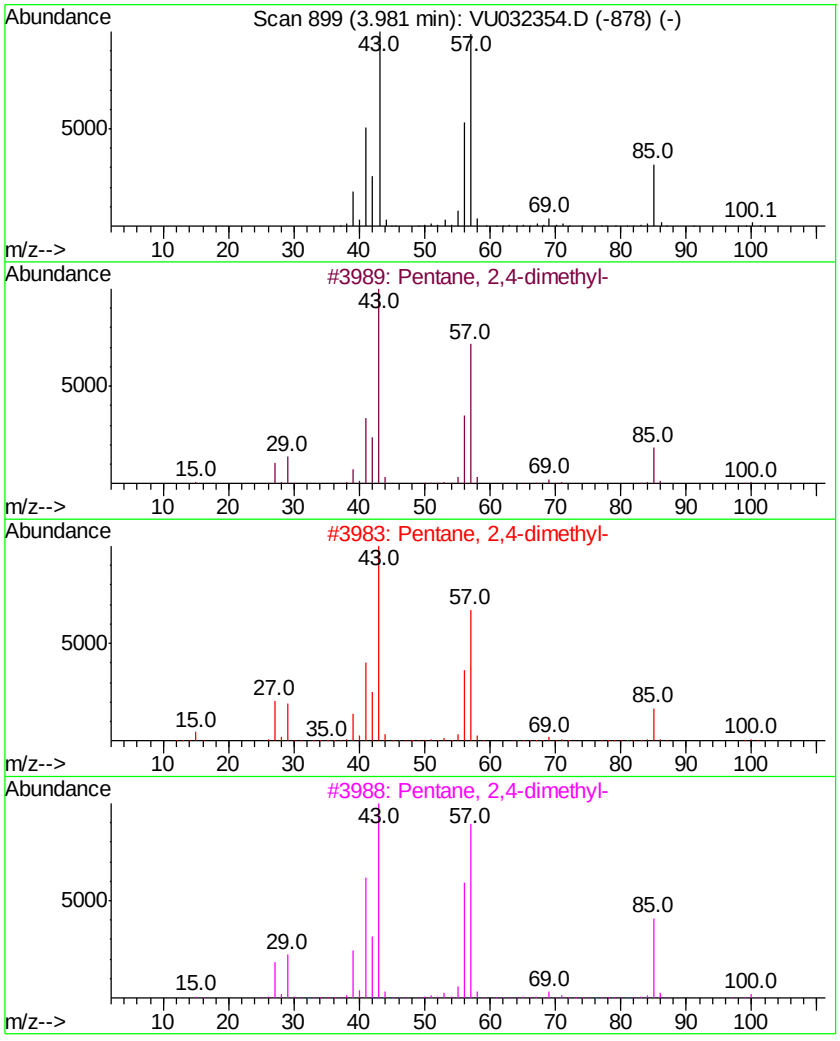
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

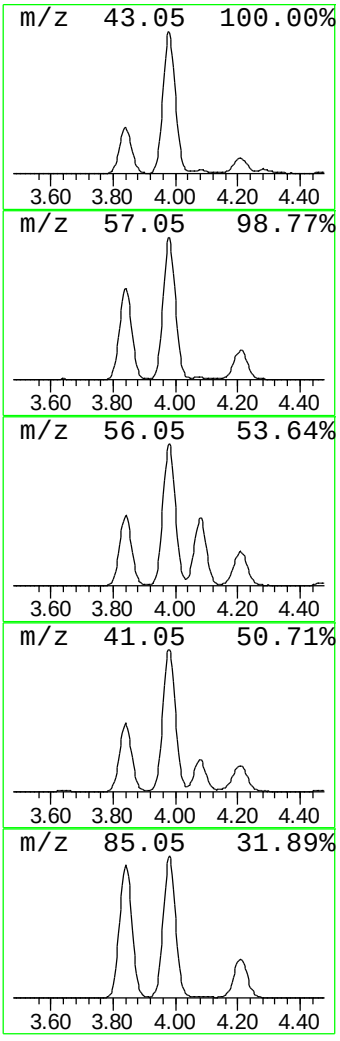
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	16.88 ug/L	3111440	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

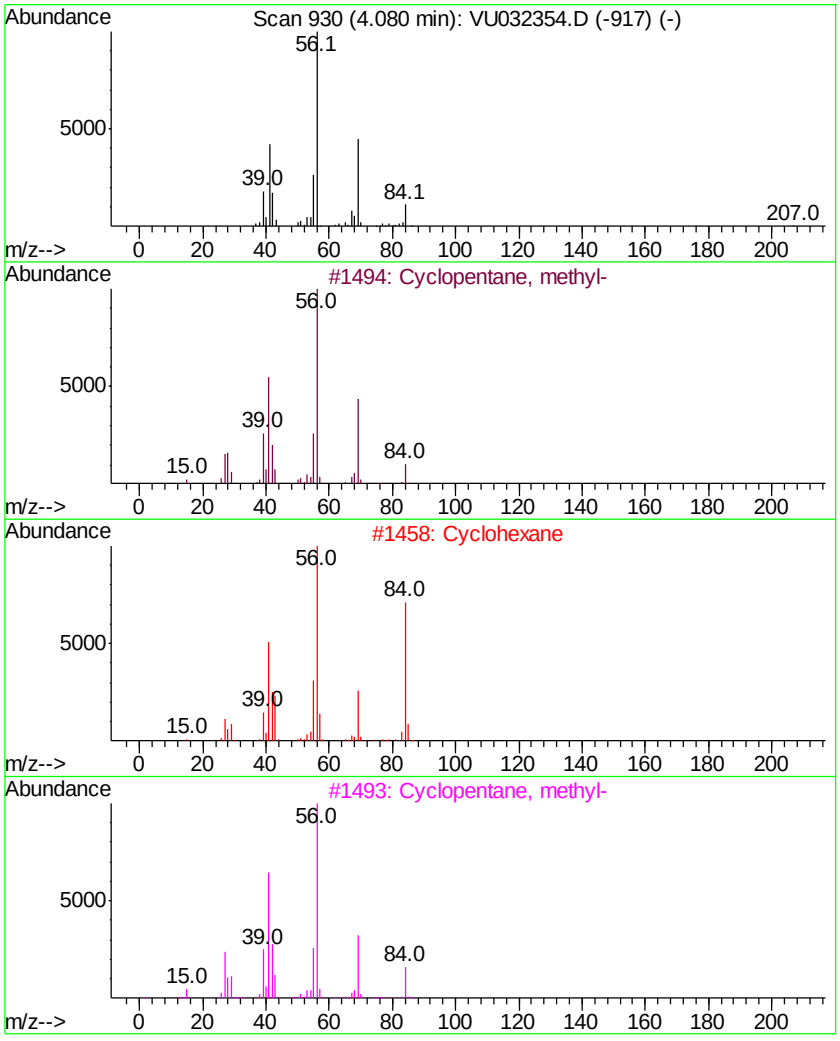
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

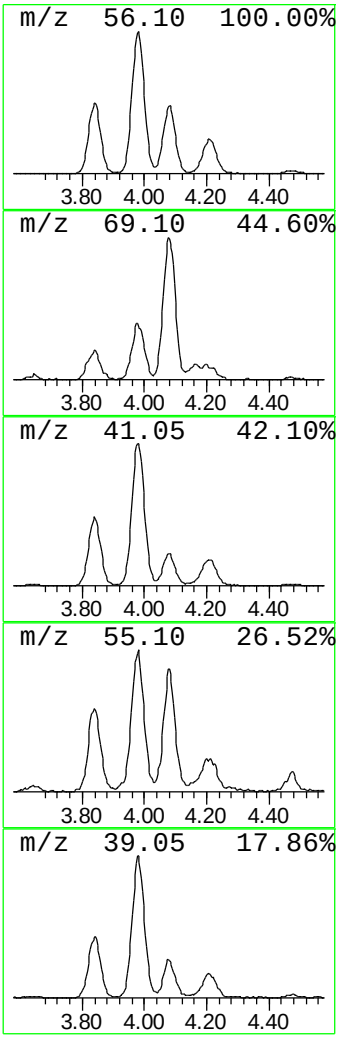
****

Peak Number 6 (DEL) Alkane: Cyclic4.08 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	3.28 ug/L	604083	1,4-Difluorobenzene	5.88

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	83
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72





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Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

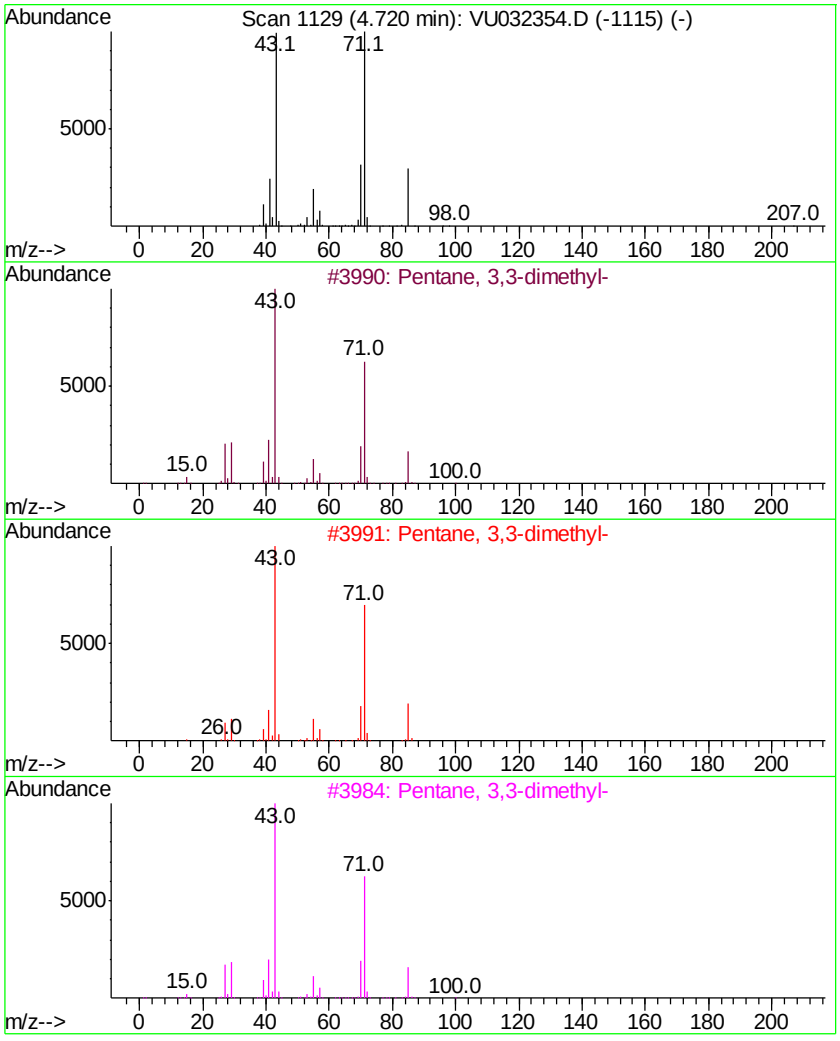
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

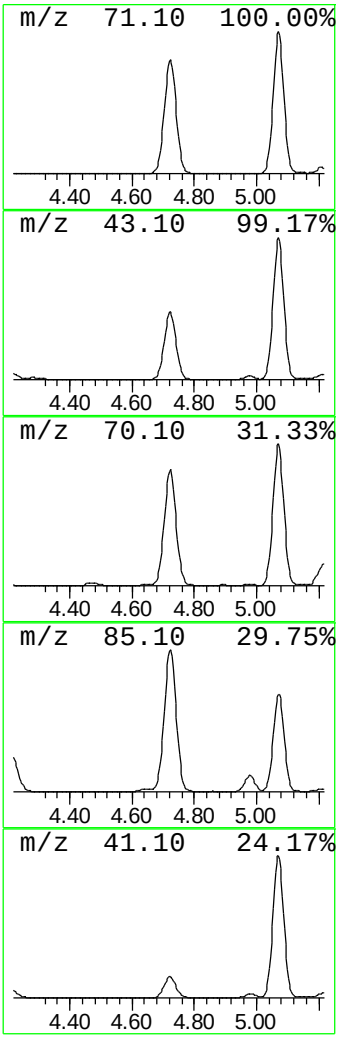
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	14.73 ug/L	2715590	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	83
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	83
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	74
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	64
5	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

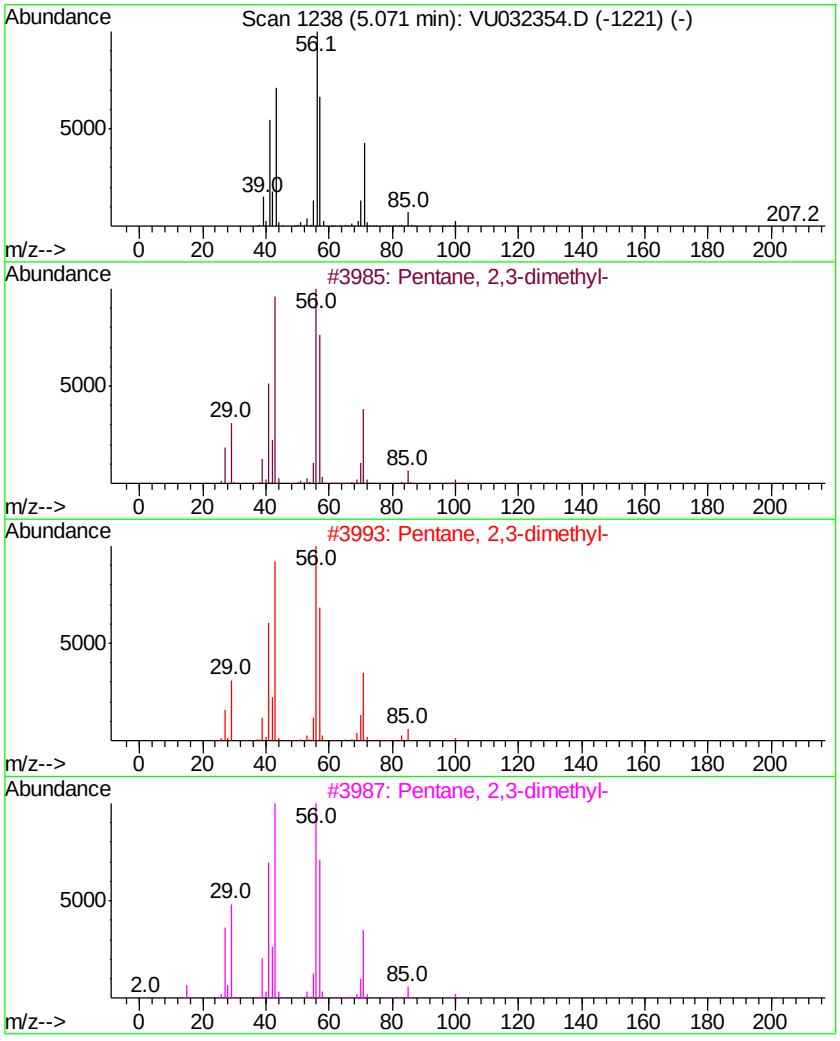
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

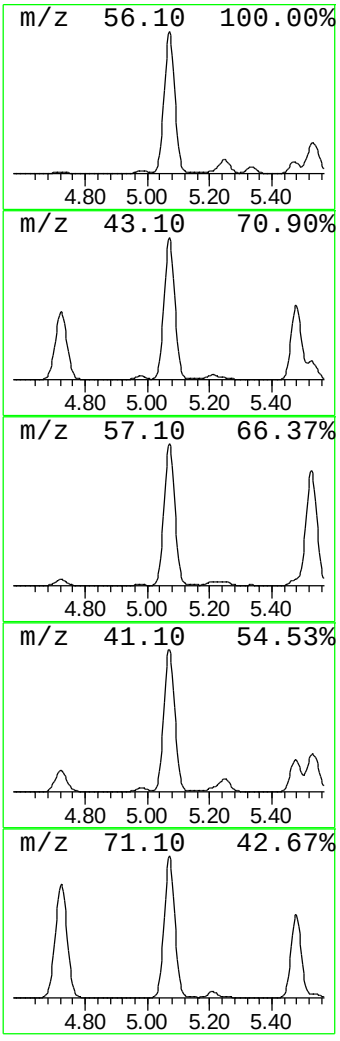
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	45.75 ug/L	8433000	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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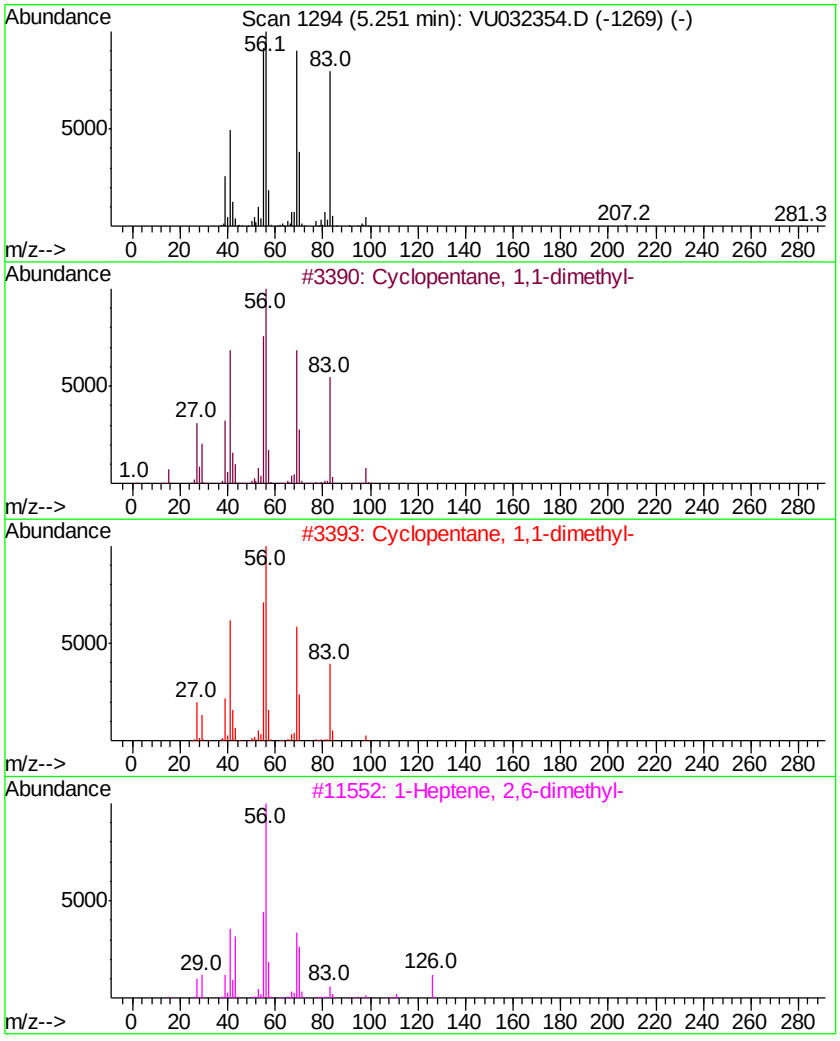
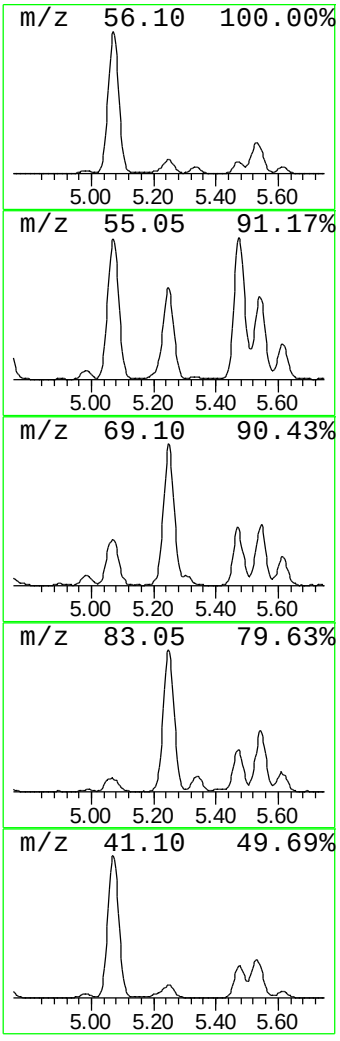
Peak Number 9 (DEL) Alkane: Cyclic5.25 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	7.01 ug/L	1293060	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	83
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43
3	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	38
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	35
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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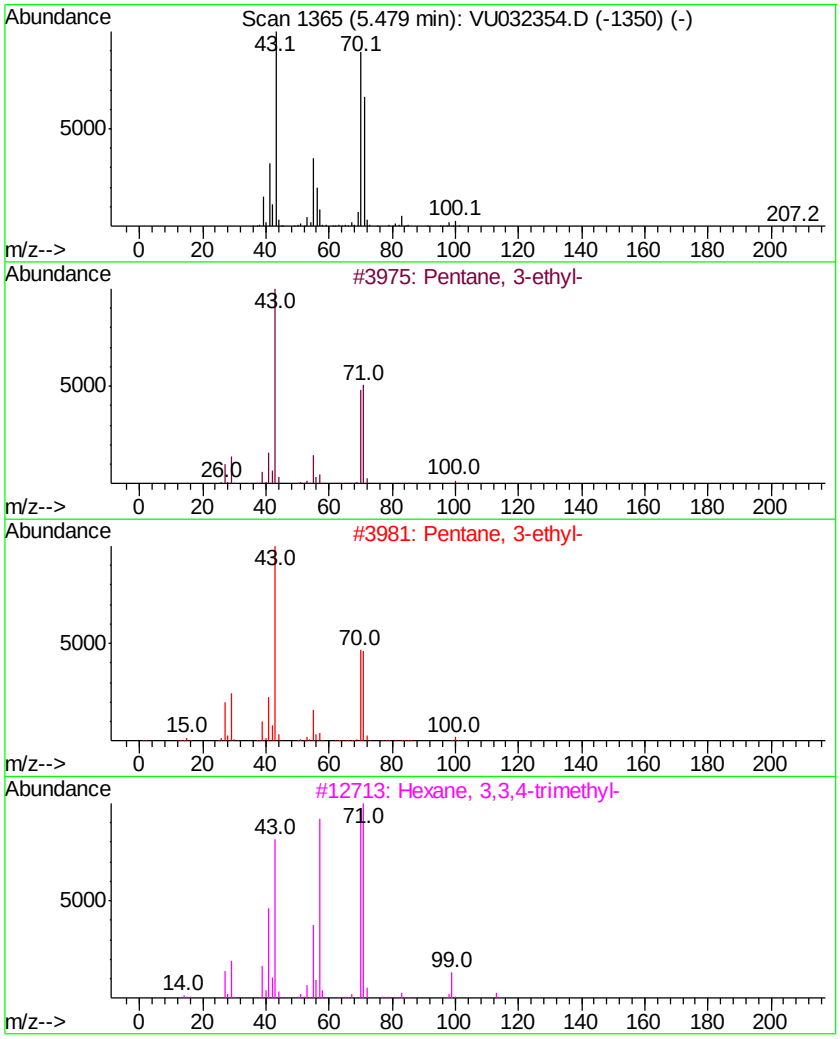
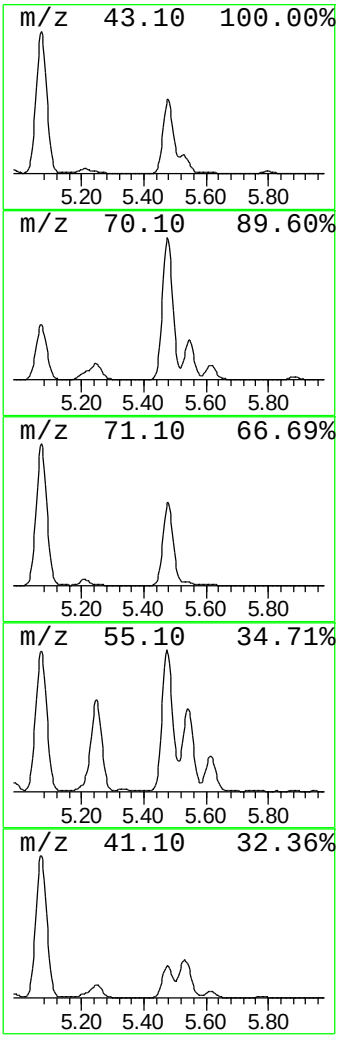
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	17.23 ug/L	3175940	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	72
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

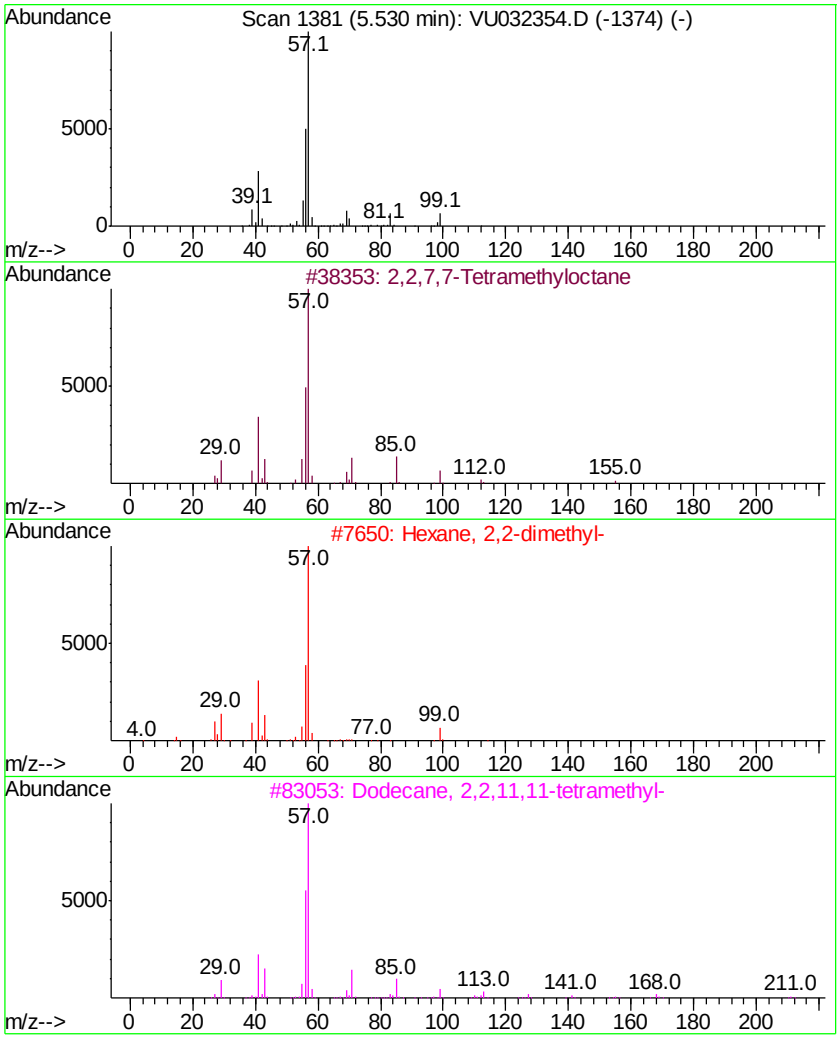
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

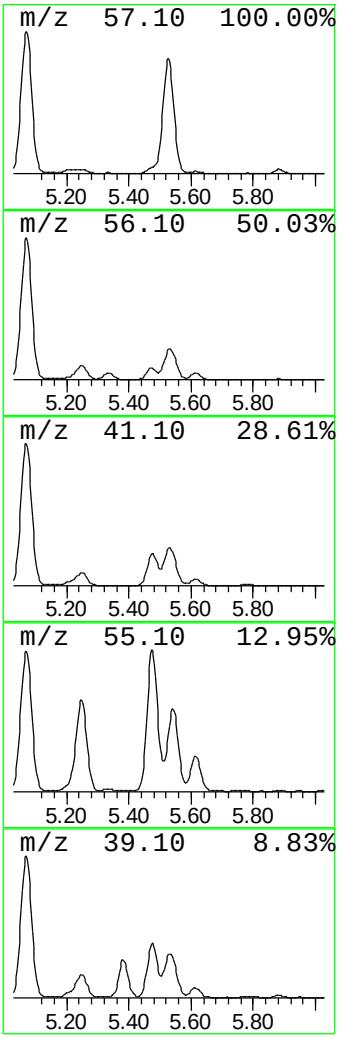
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	15.04 ug/L	2771610	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
3	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	56
4	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	56
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56





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Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

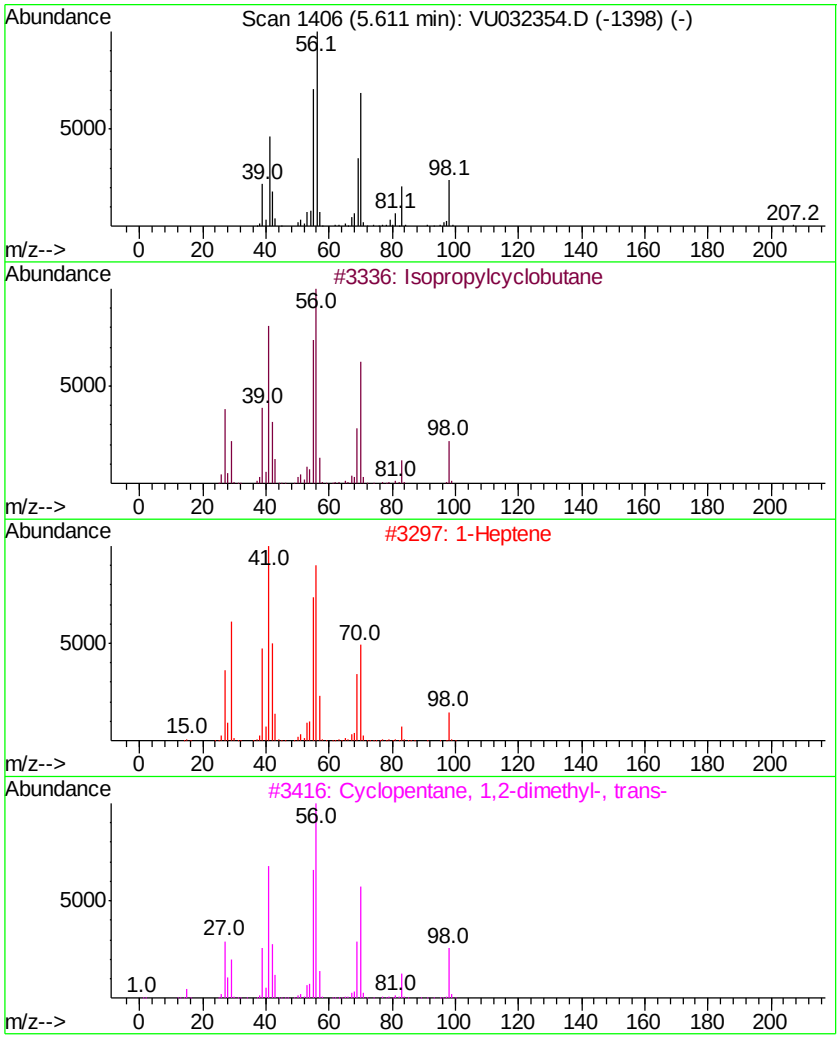
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

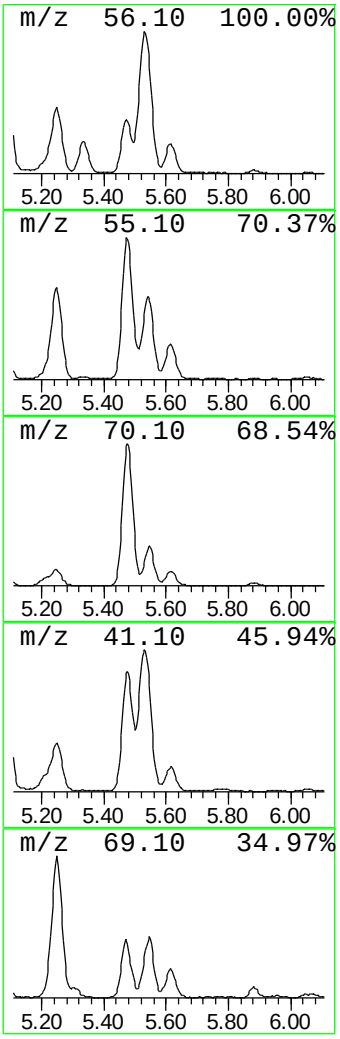
****

Peak Number 12 (DEL) Alkane: Cyclic5.61 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	2.47 ug/L	455417	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	91
2	1-Heptene	98	C7H14	000592-76-7	91
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

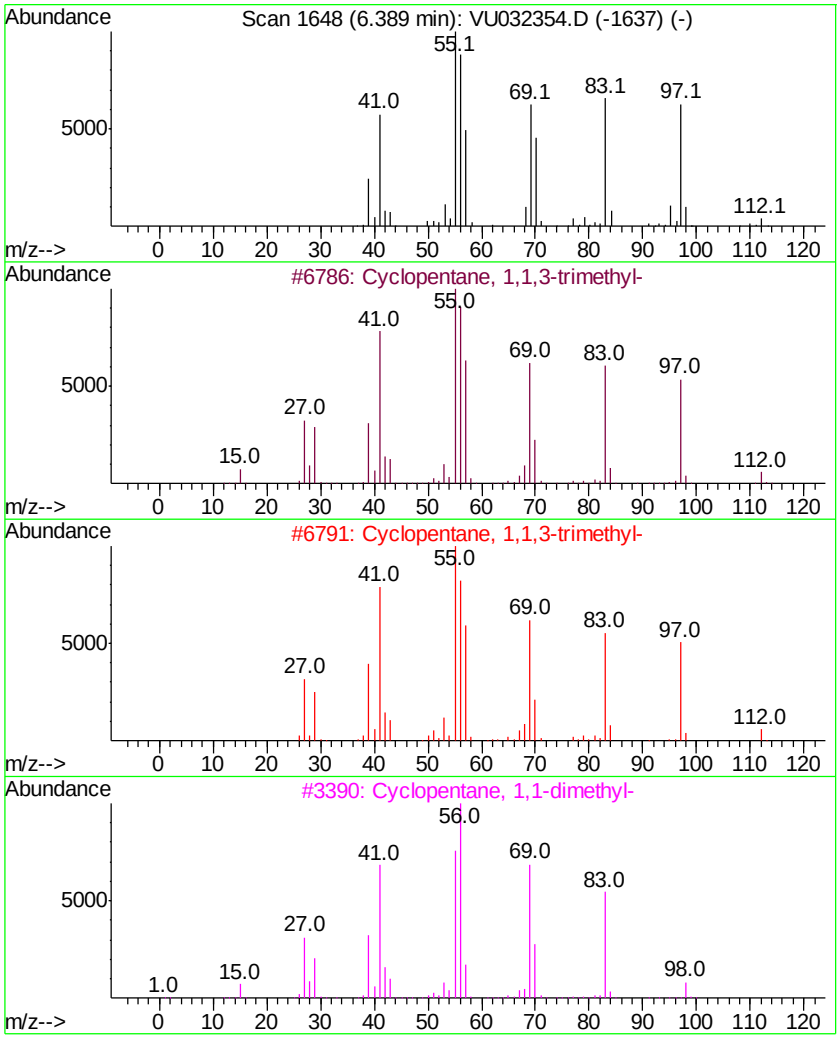
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

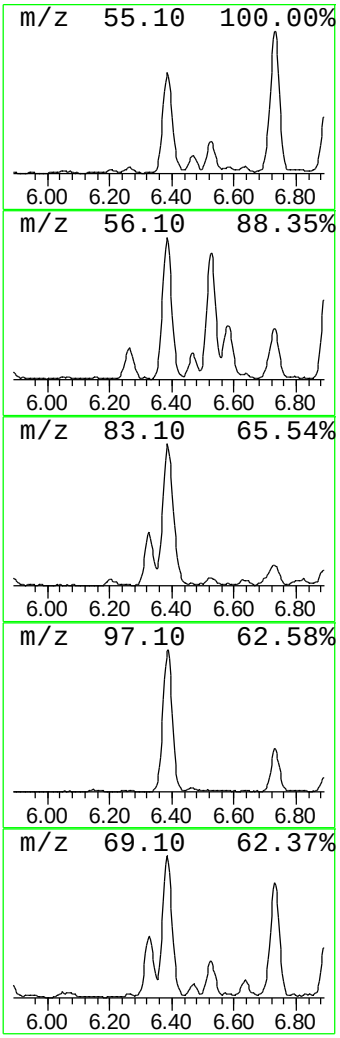
****

Peak Number 13 (DEL) Alkane: Cyclic6.39 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	6.01 ug/L	1107340	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	91
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	87
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	50
4	2-Heptene, 6-methyl-	112	C8H16	073548-72-8	49
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

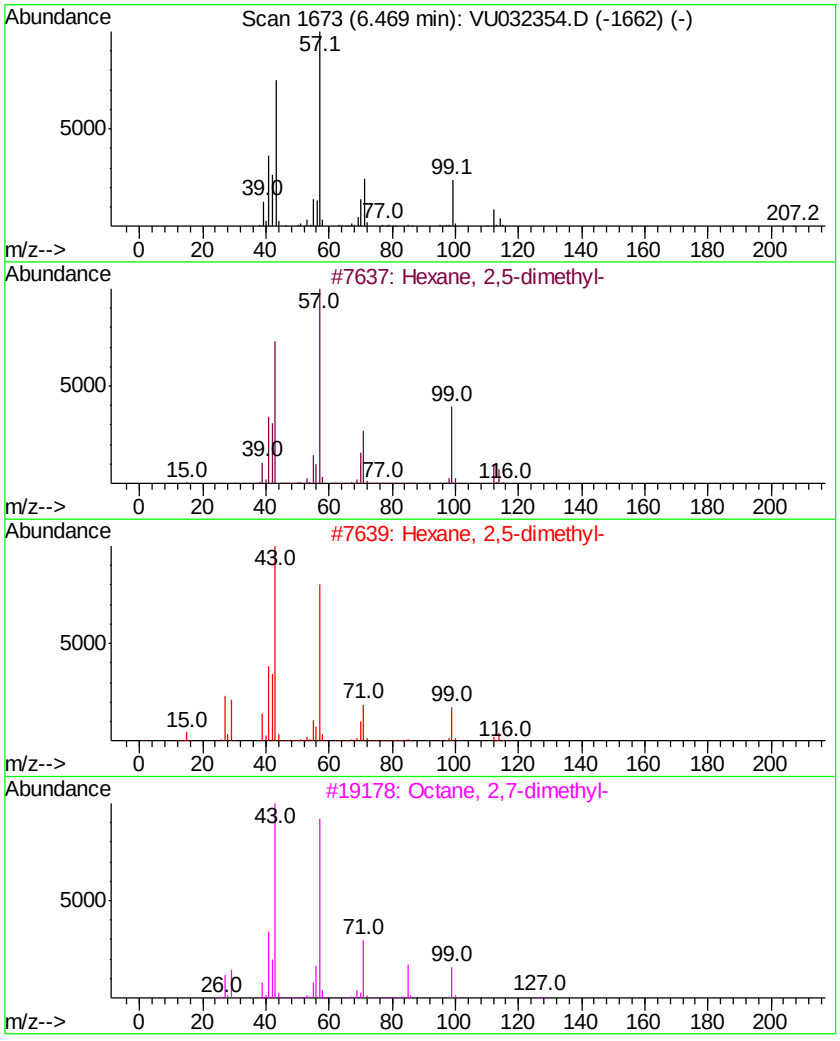
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

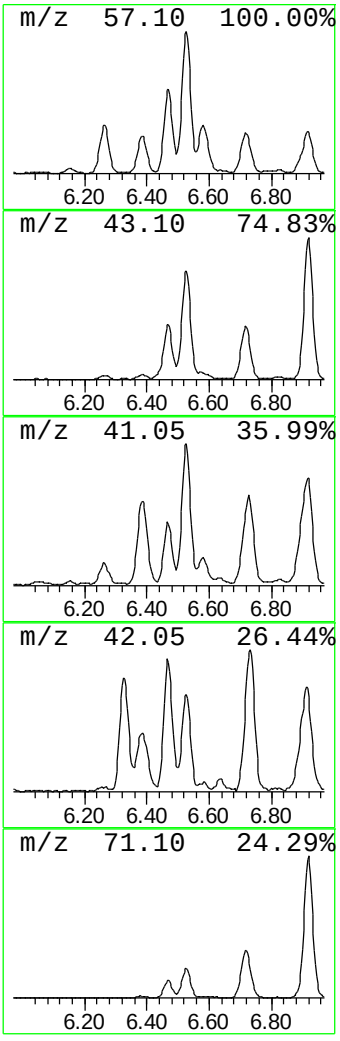
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	3.21 ug/L	590882	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

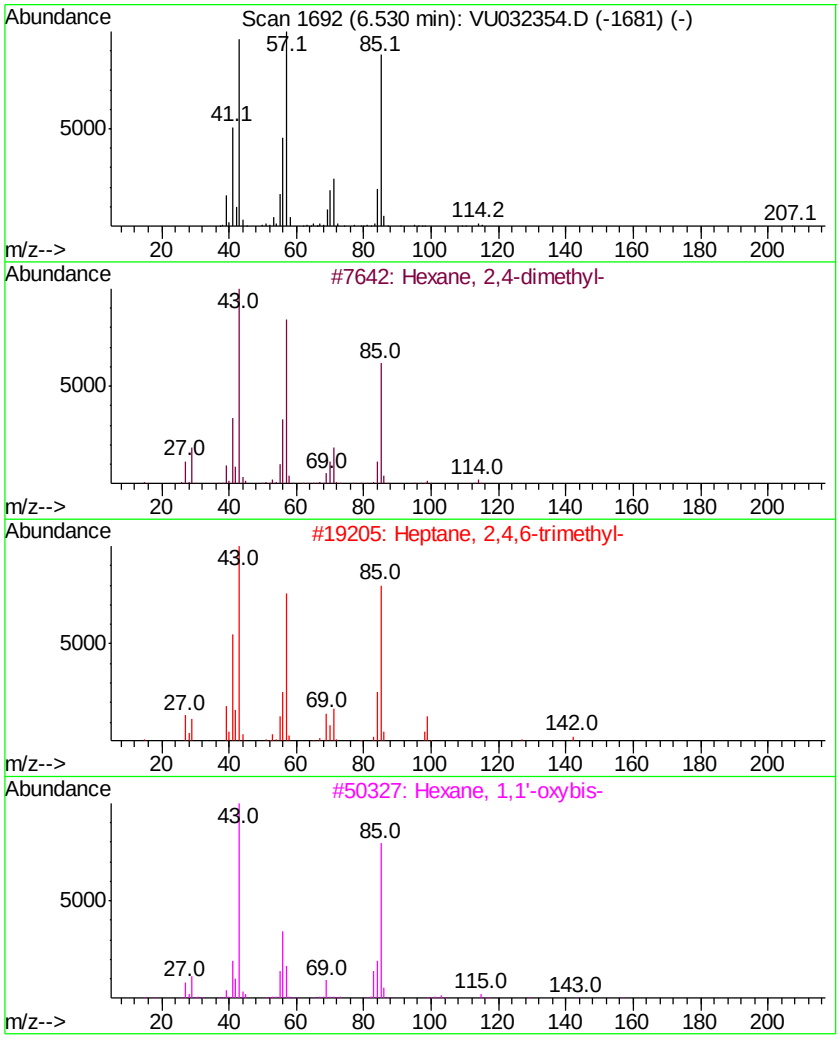
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

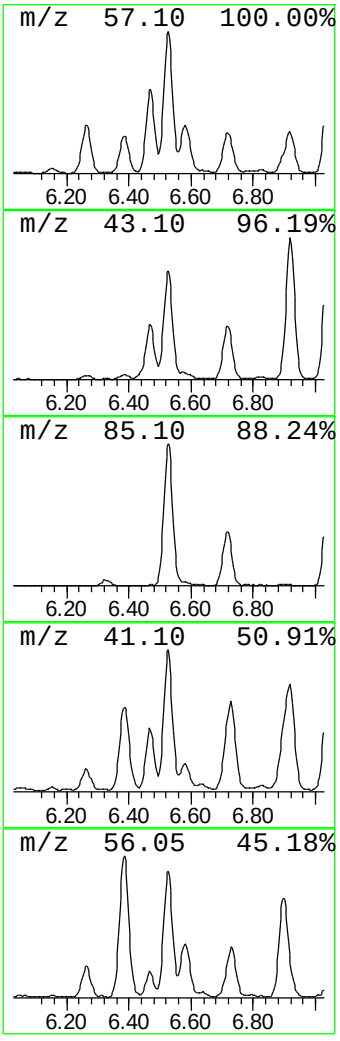
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	7.29 ug/L	1344500	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	78
3	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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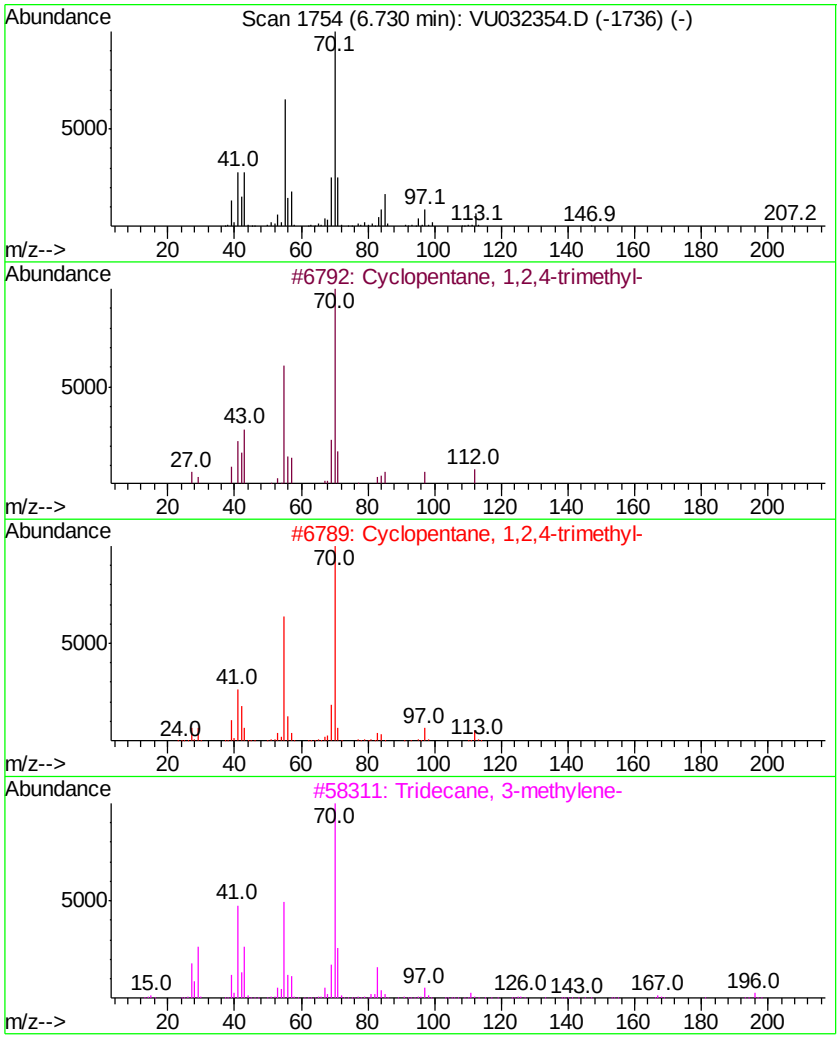
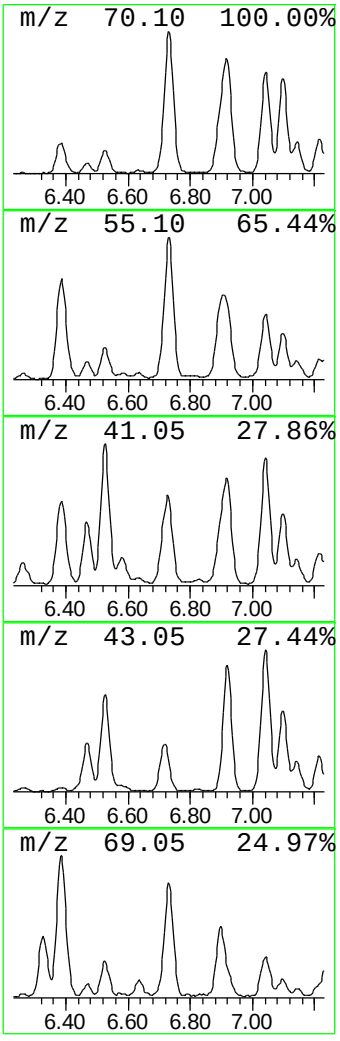
Peak Number 16 (DEL) Alkane: Cyclic6.73 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	8.36 ug/L	1541520	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	74
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	68
3	Tridecane, 3-methylene-	196	C14H28	019780-34-8	64
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	64
5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

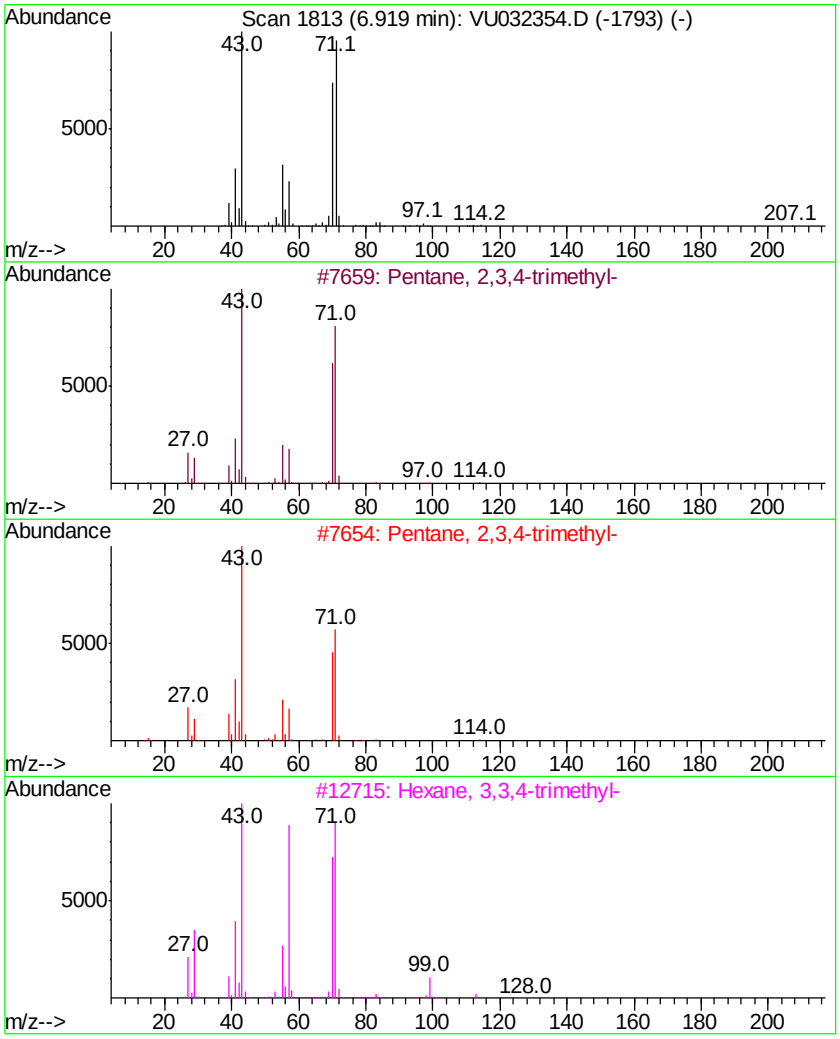
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

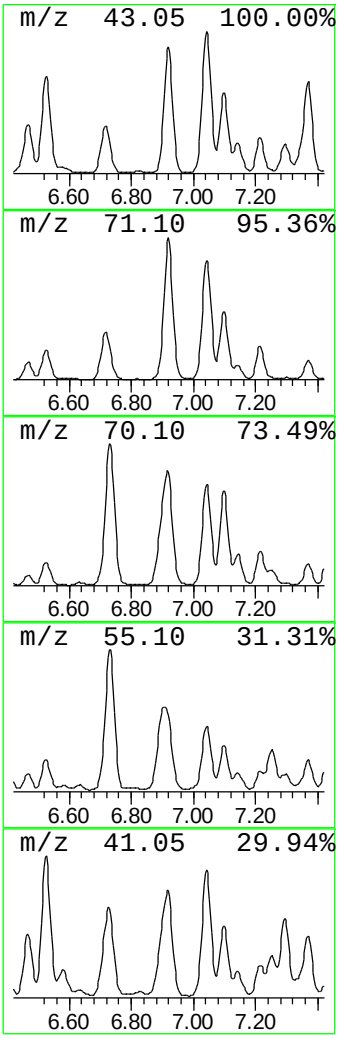
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	10.26 ug/L	1891620	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	83
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

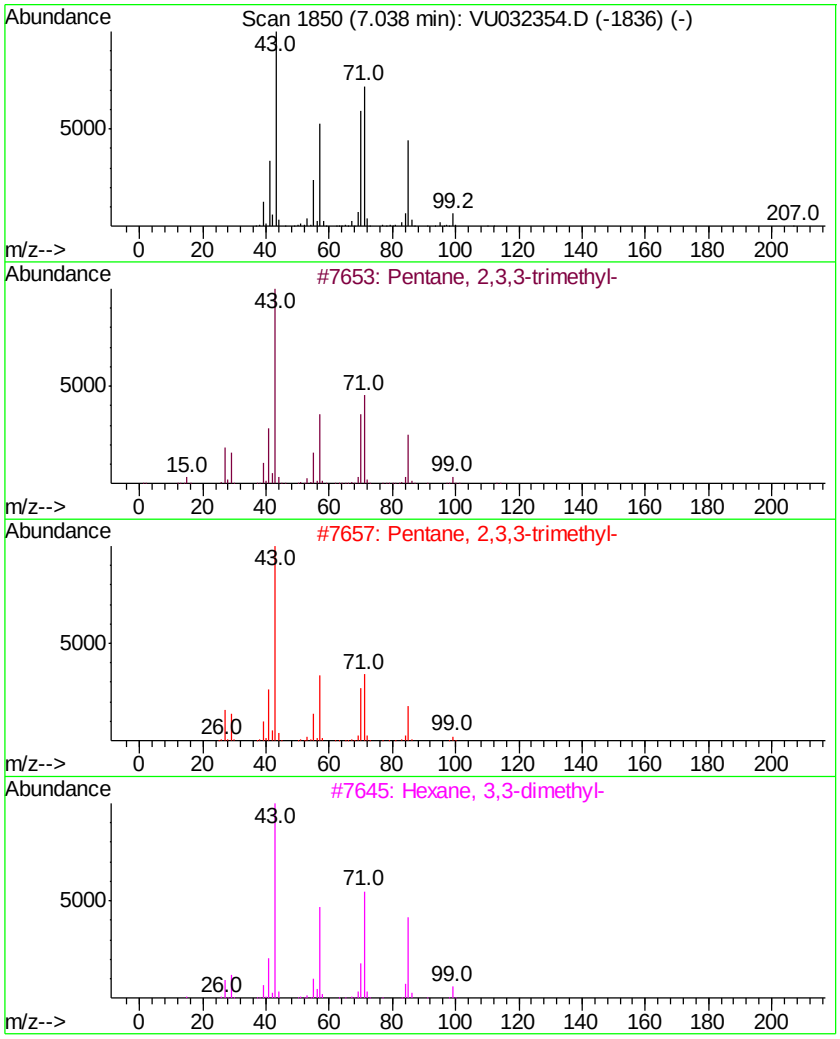
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

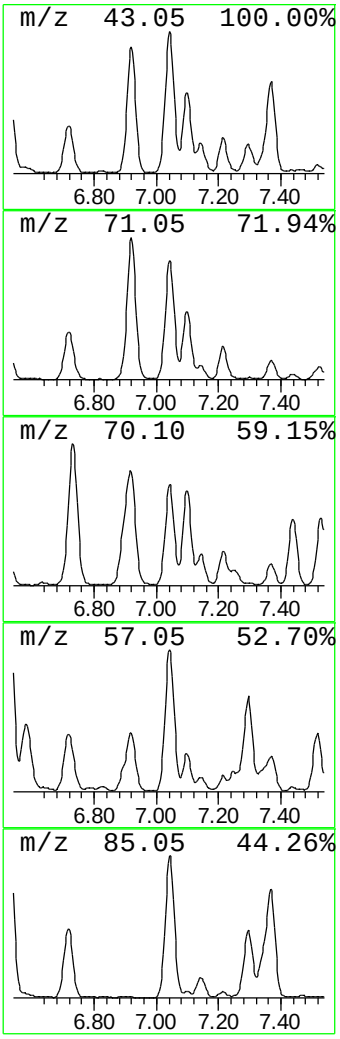
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	9.77 ug/L	1800100	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

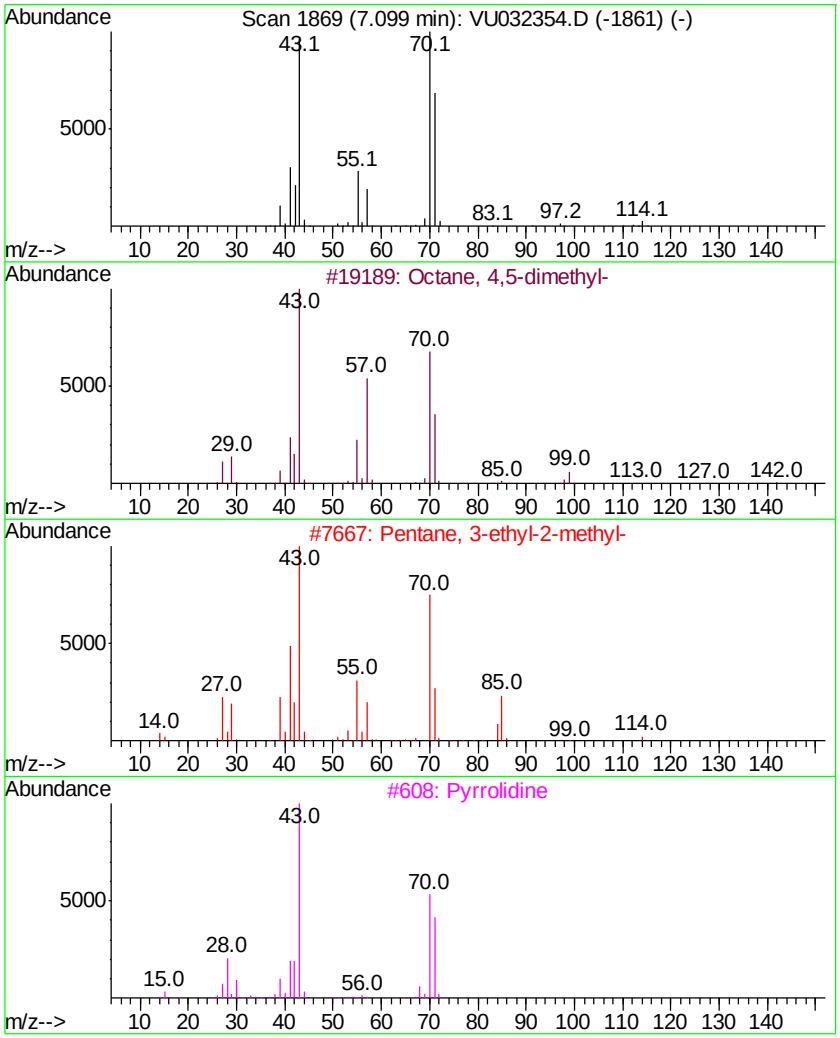
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

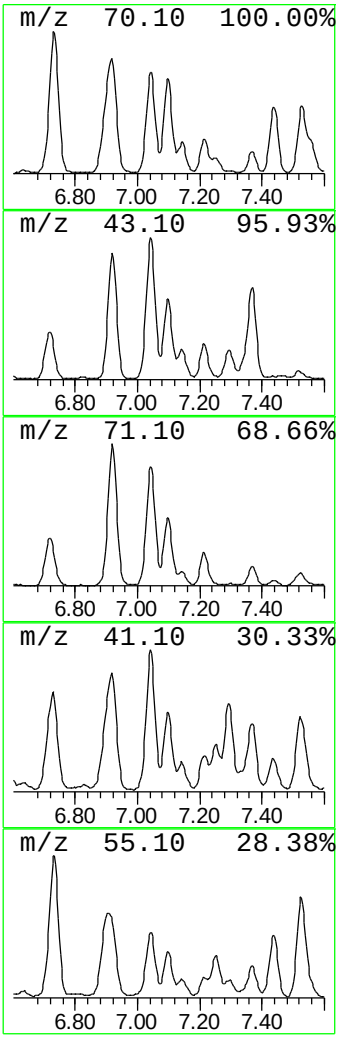
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.93 ug/L	539400	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	83
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	80
3	Pyrrolidine	71	C4H9N	000123-75-1	78
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	74
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

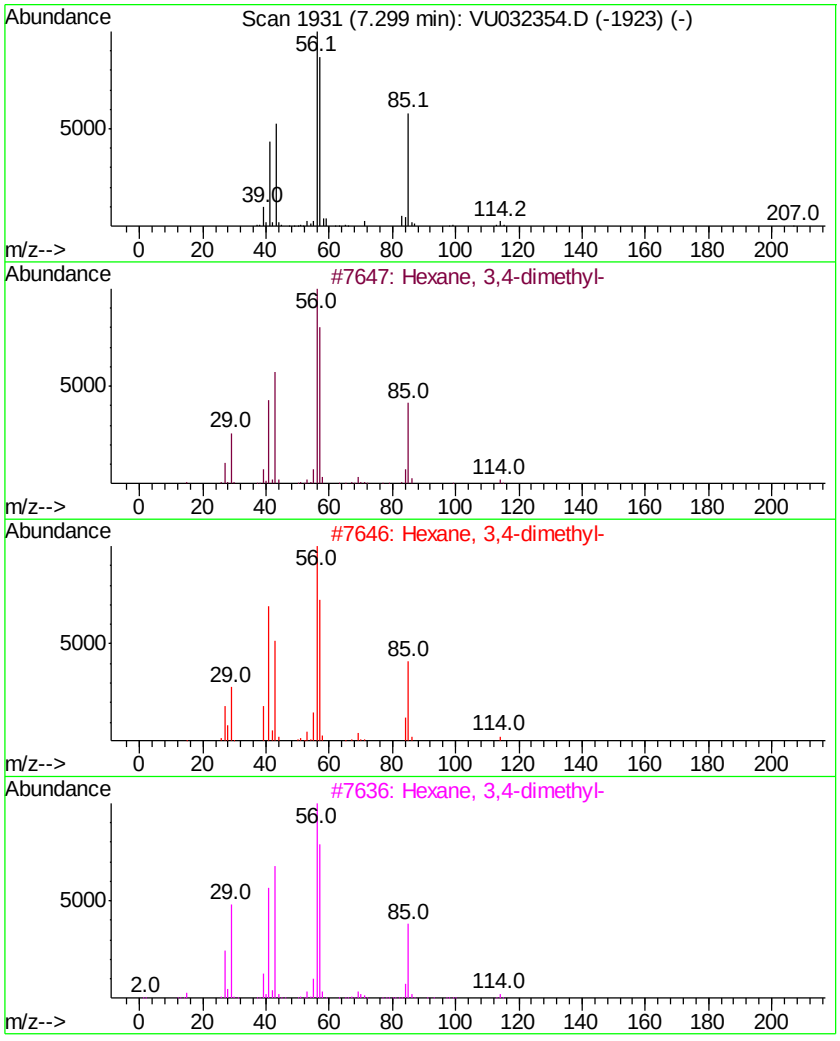
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

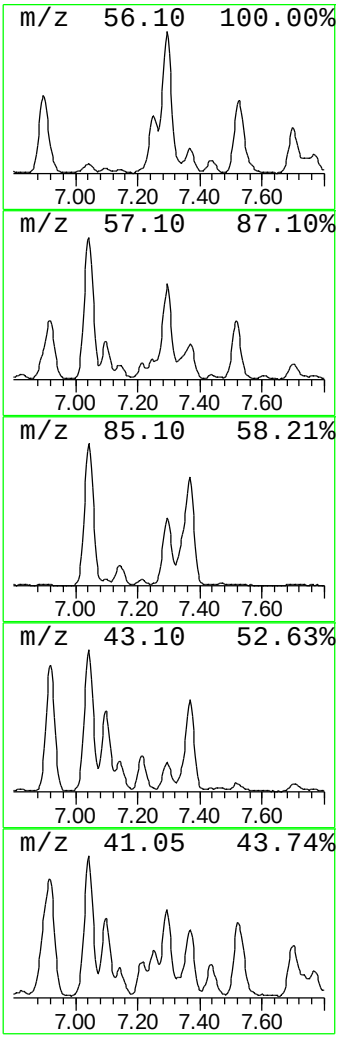
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.34 ug/L	430477	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	86
2	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	72
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	64
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	38
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

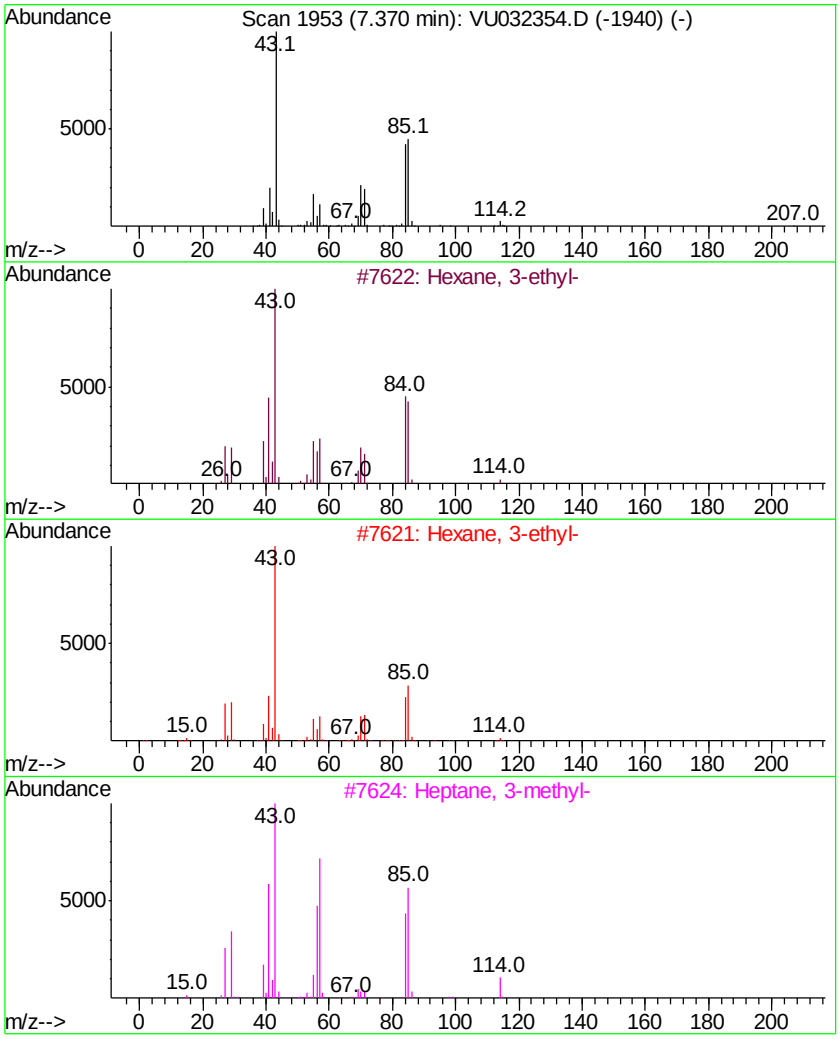
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

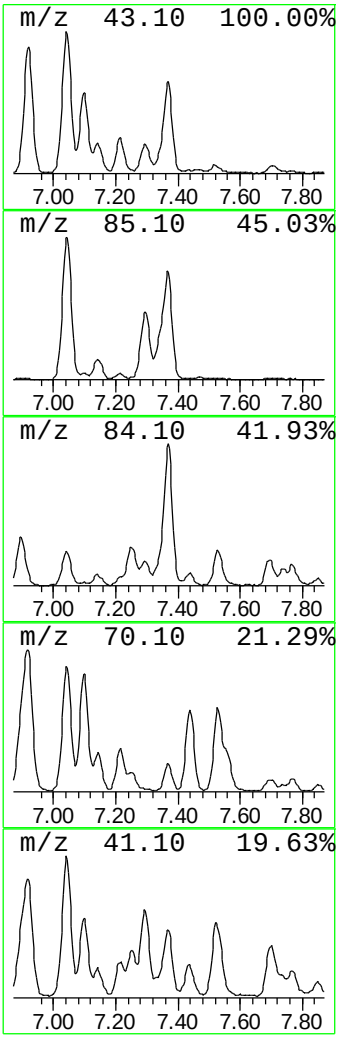
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	4.43 ug/L	816980	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
3	Heptane, 3-methyl-	114	C8H18	000589-81-1	50
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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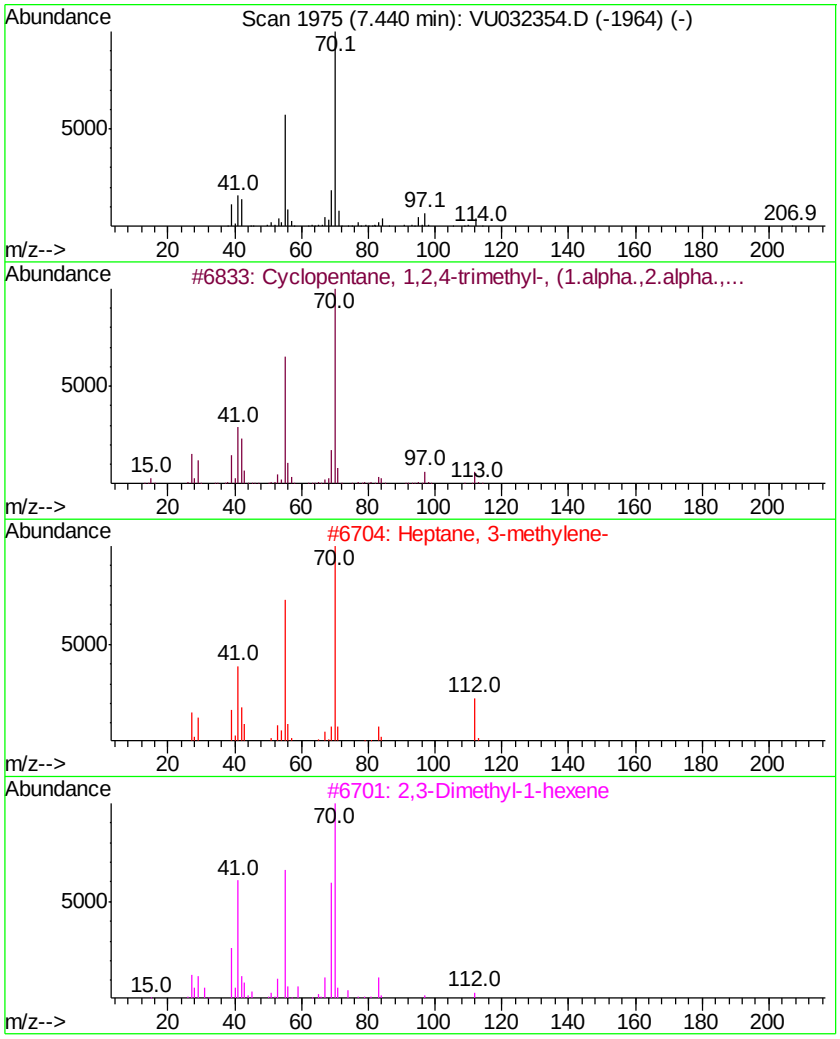
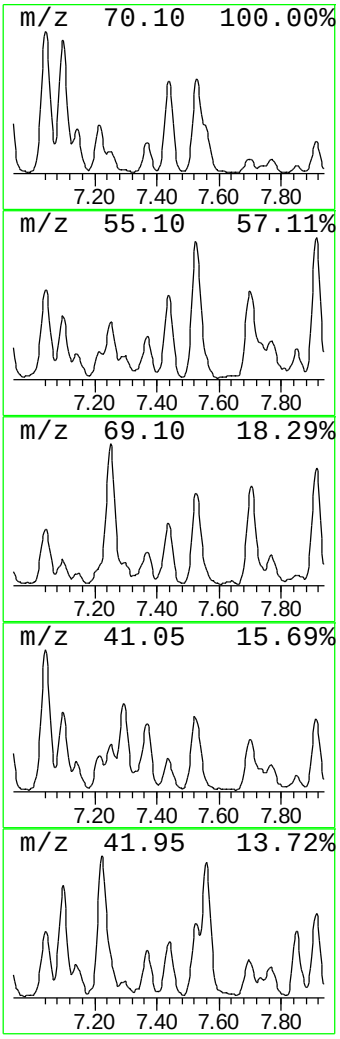
Peak Number 23 (DEL) Alkane: Cyclic7.44 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	2.38 ug/L	438933	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	91
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	78
3	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	72
4	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

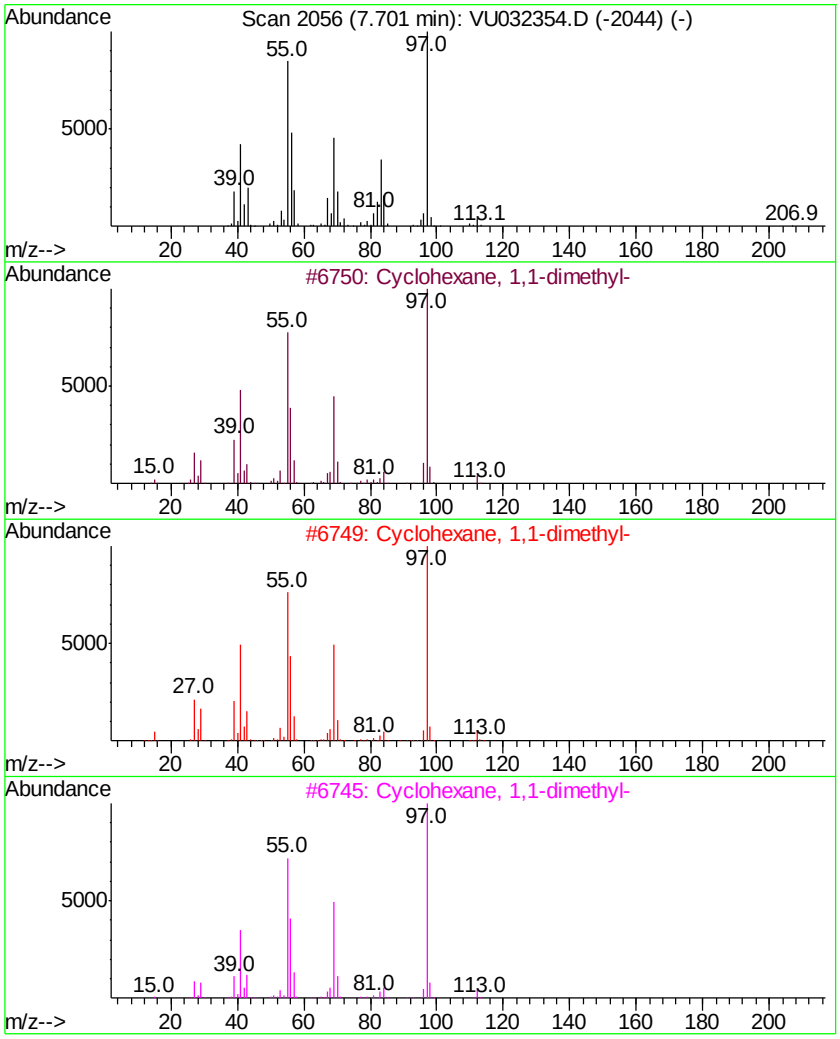
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

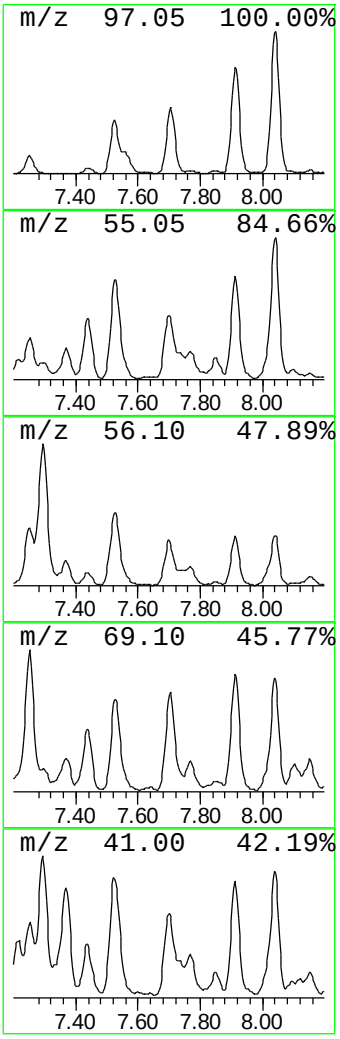
****

Peak Number 24 (DEL) Alkane: Cyclic7.70 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	3.51 ug/L	774814	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	59
5	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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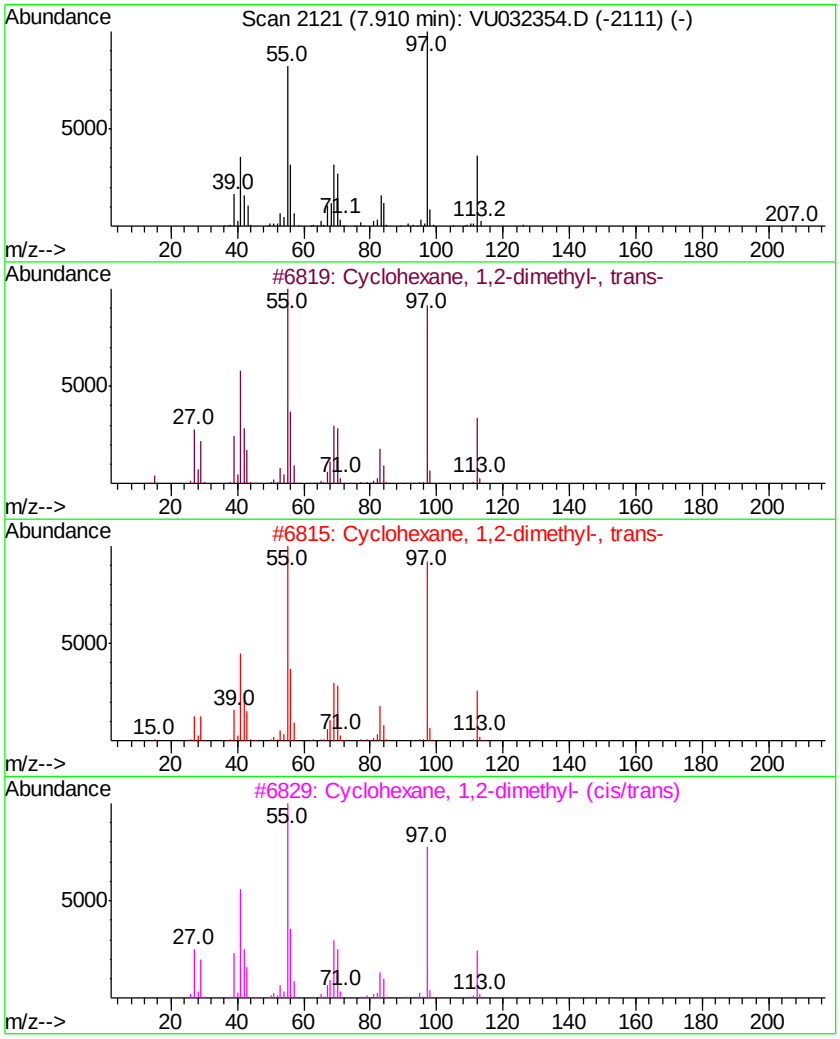
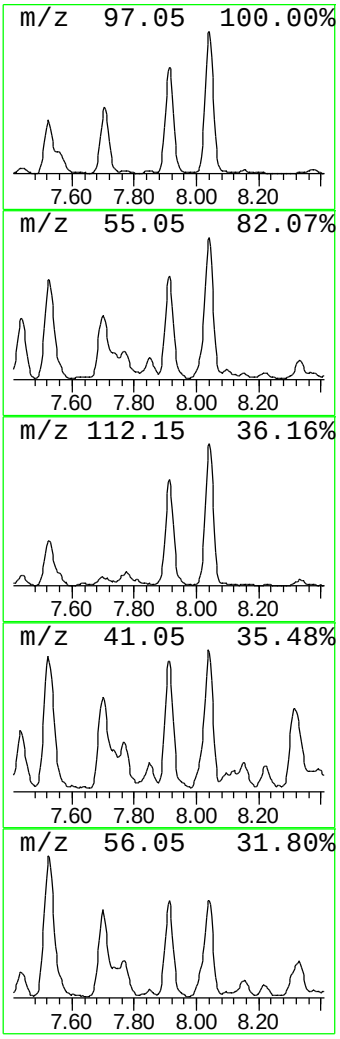
Peak Number 25 (DEL) Alkane: Cyclic7.91 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	4.01 ug/L	884583	Chlorobenzene-d5	9.09

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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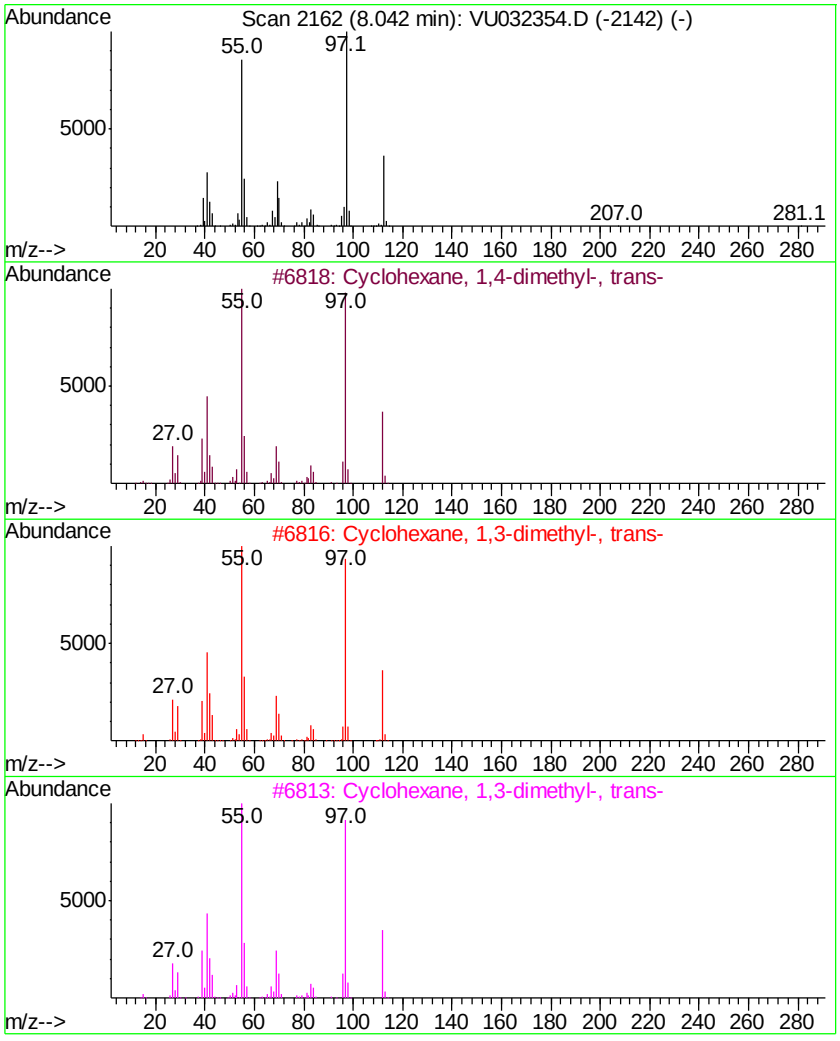
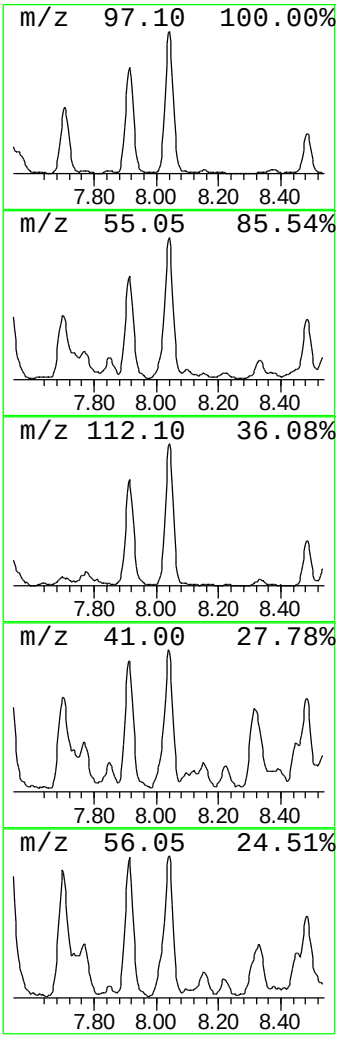
Peak Number 26 (DEL) Alkane: Cyclic8.04 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	4.95 ug/L	1090780	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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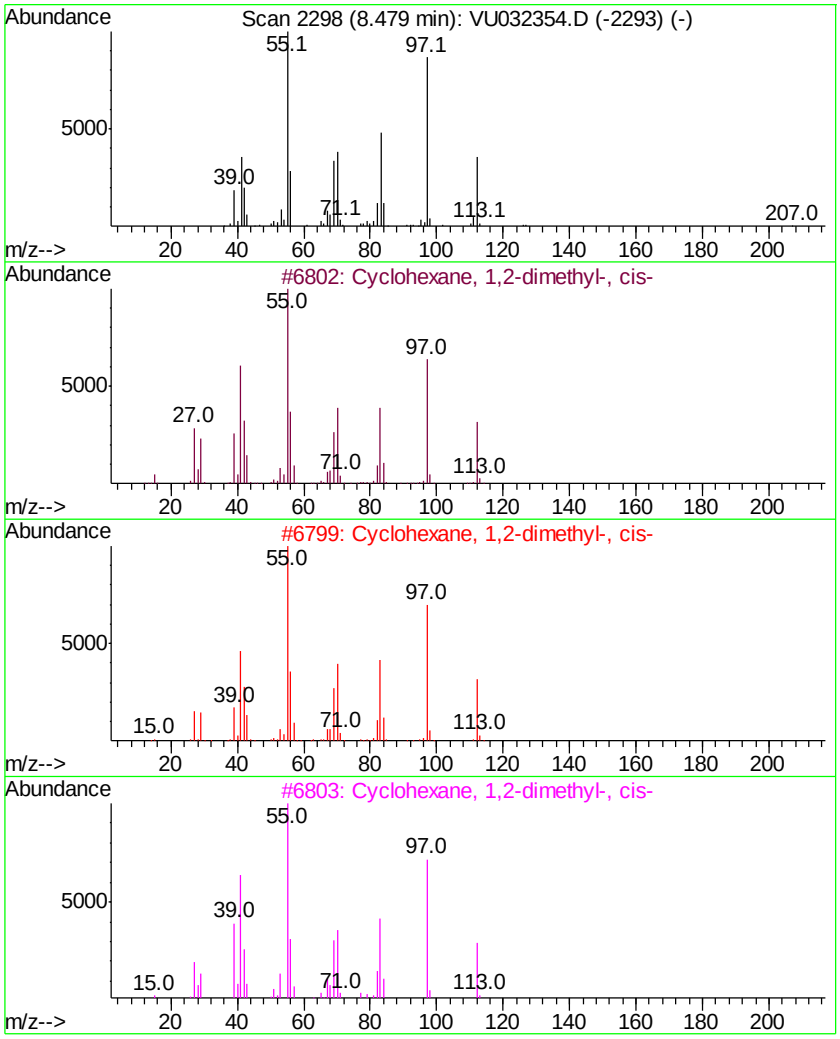
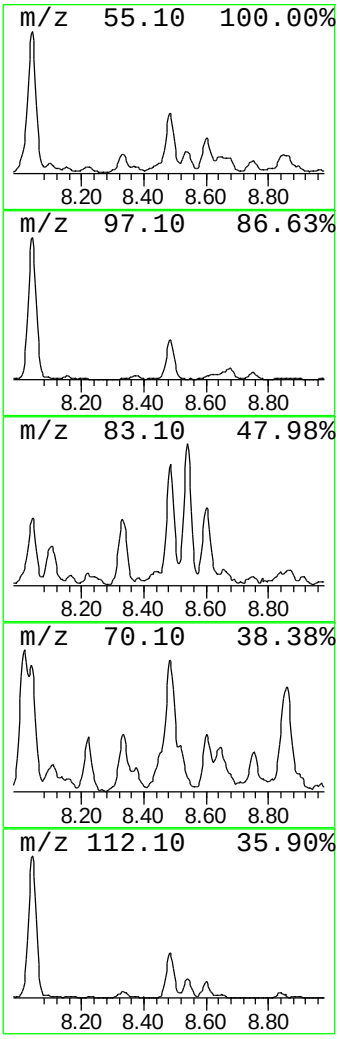
Peak Number 27 (DEL) Alkane: Cyclic8.48 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	1.74 ug/L	383411	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	91
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	90
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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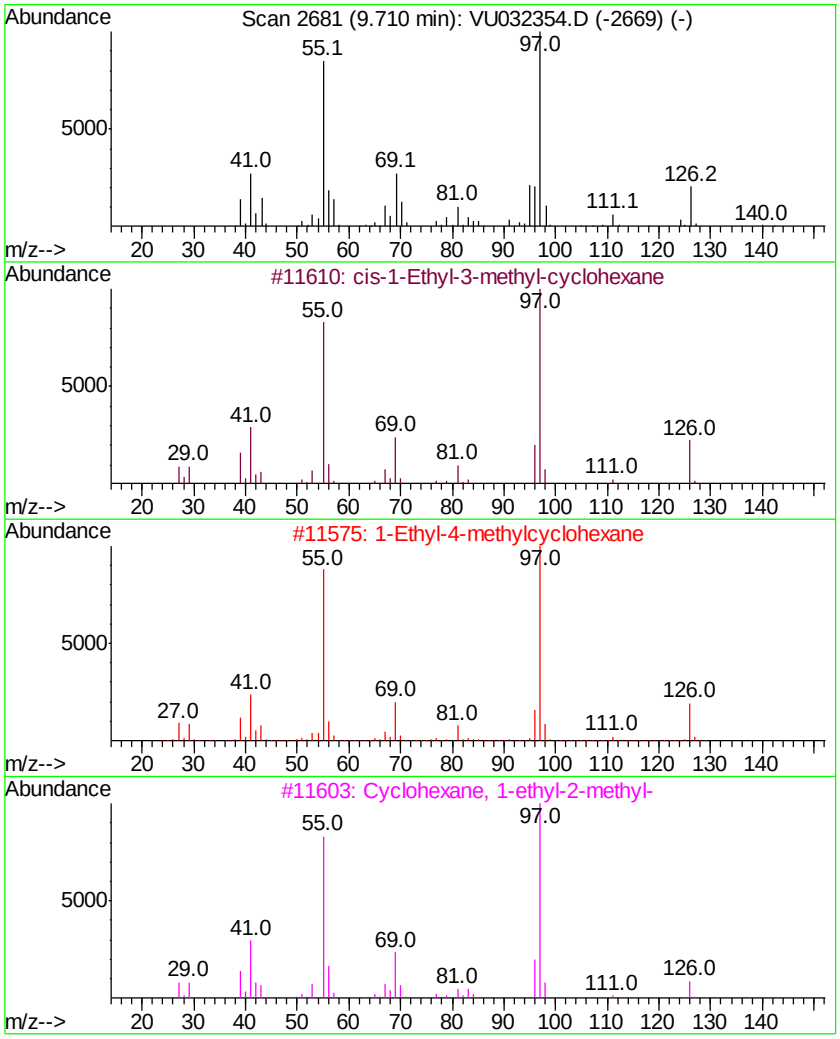
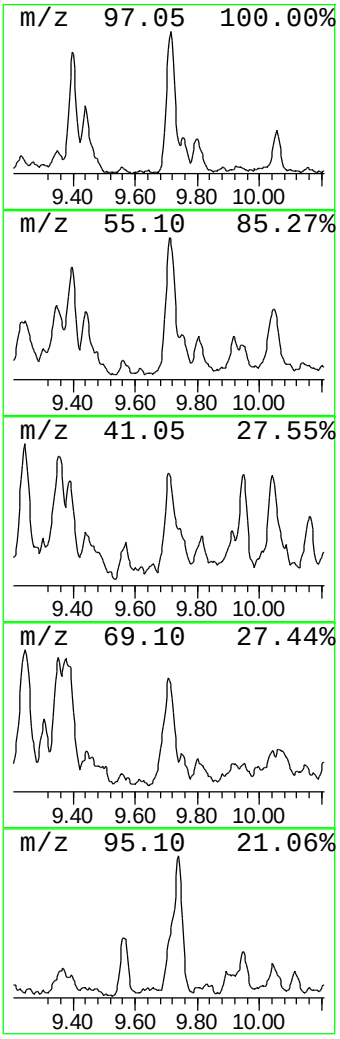
Peak Number 28 (DEL) Alkane: Cyclic9.71 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	1.88 ug/L	415025	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methylcyclohexane	126	C9H18	019489-10-2	93
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	81
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

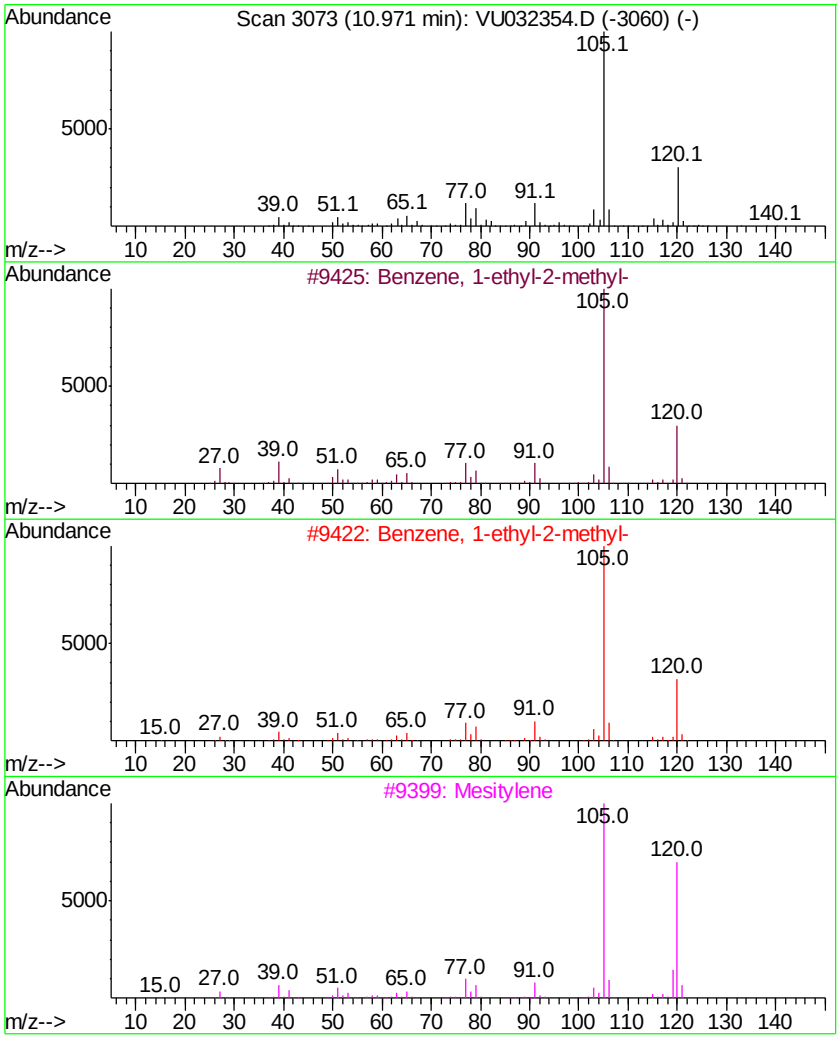
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

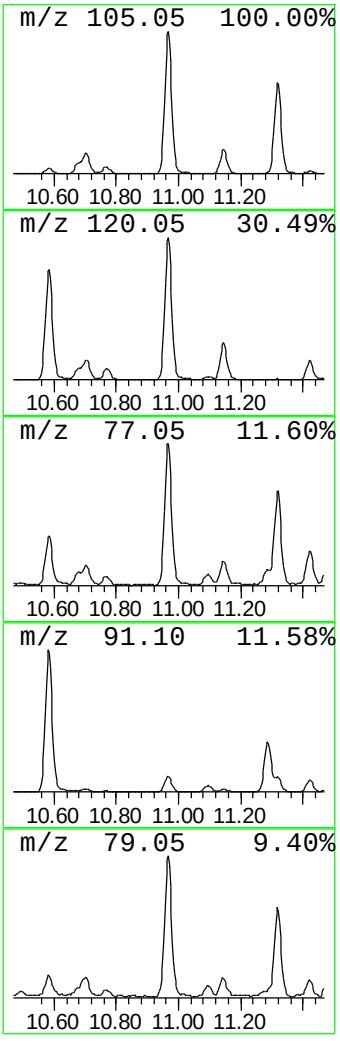
****

Peak Number 30 Benzene, 1-ethyl-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	7.38 ug/L	1721250	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

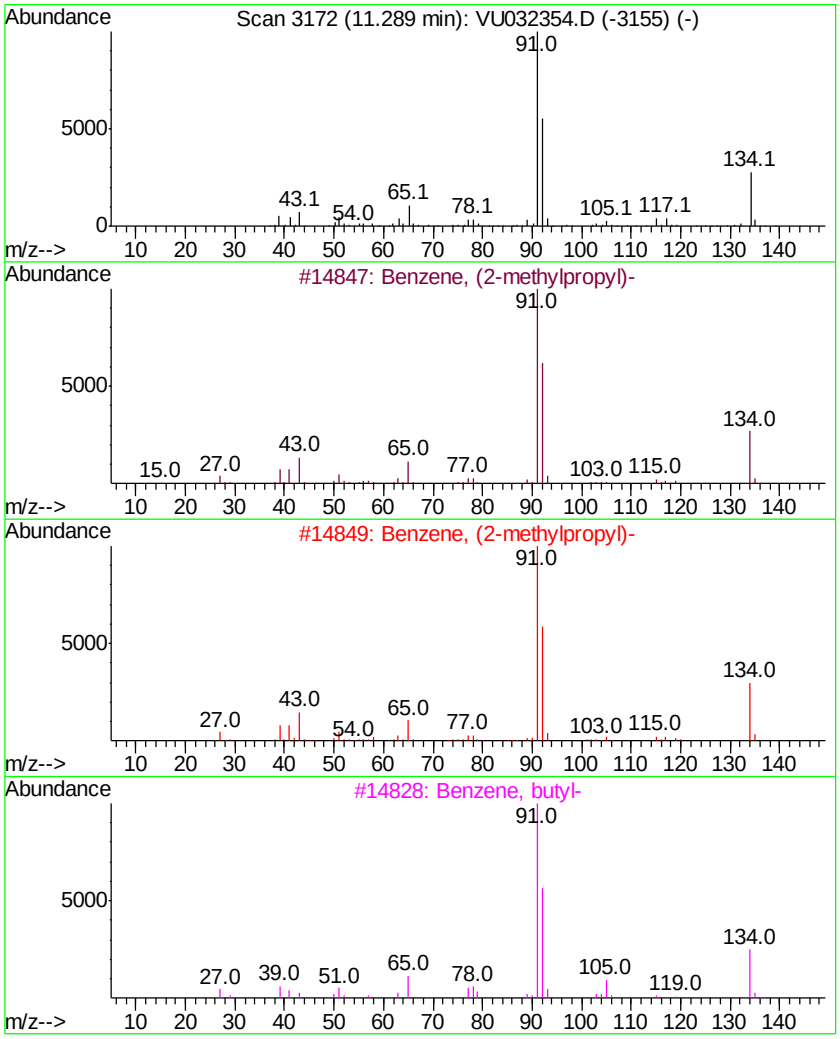
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

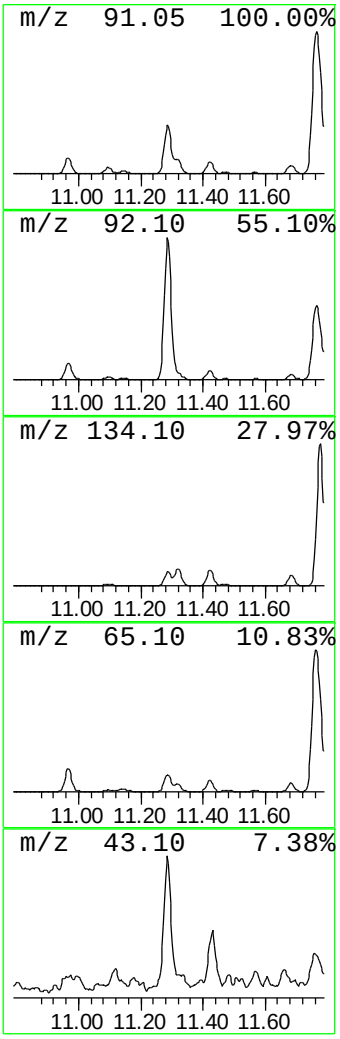
****

Peak Number 31 Benzene, (2-methylpropyl)- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.02 ug/L	704167	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

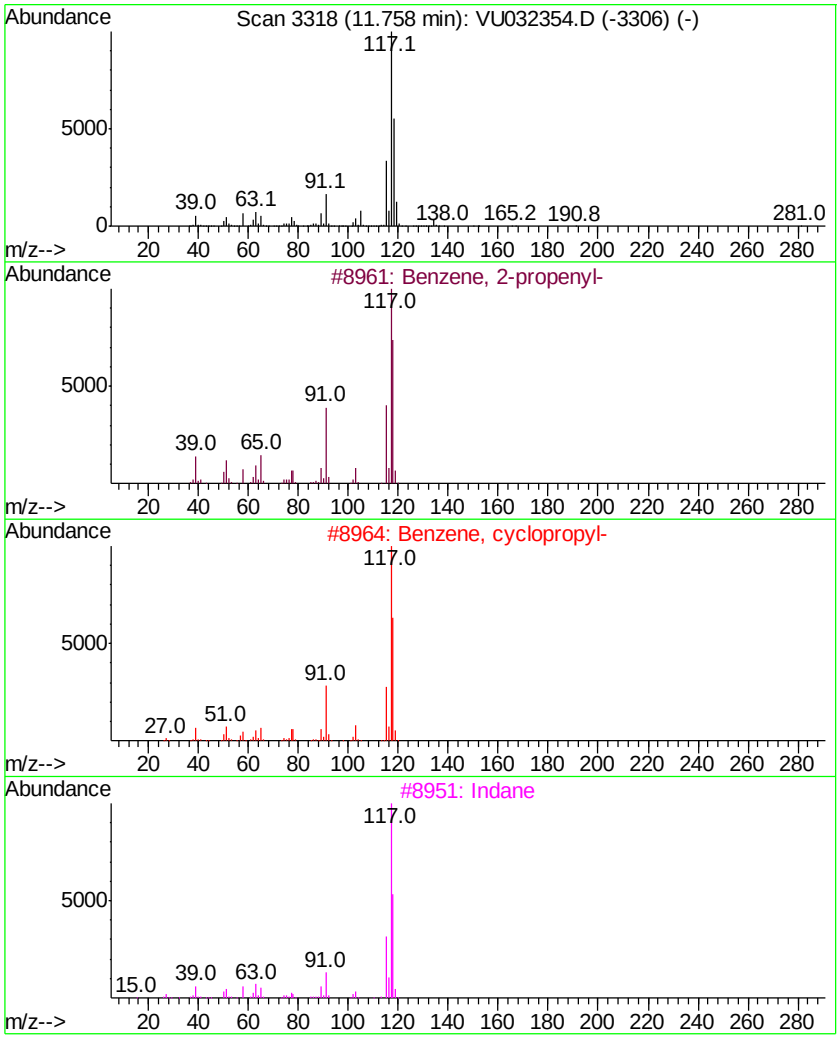
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

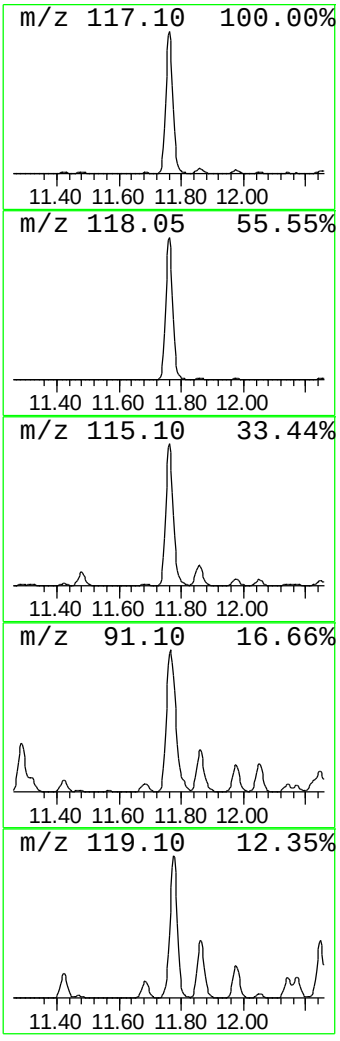
****

Peak Number 35 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	75.10 ug/L	17508400	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Indane	118	C9H10	000496-11-7	64
4	Indane	118	C9H10	000496-11-7	58
5	Indane	118	C9H10	000496-11-7	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

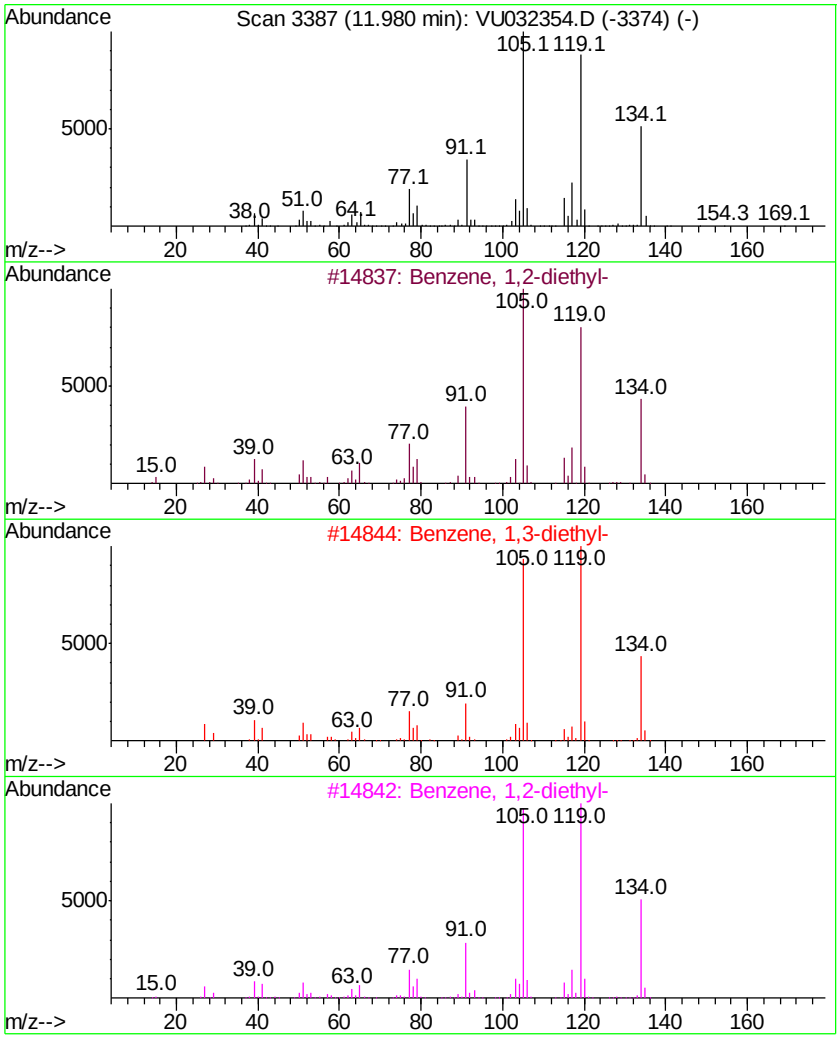
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

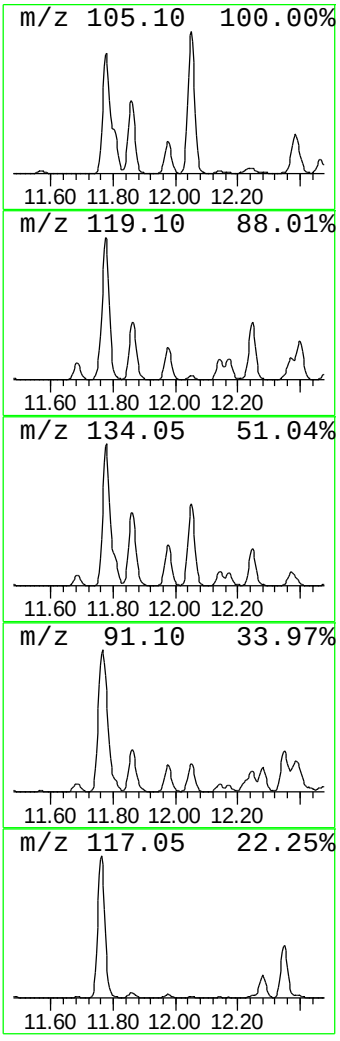
****

Peak Number 36 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.76 ug/L	1809510	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

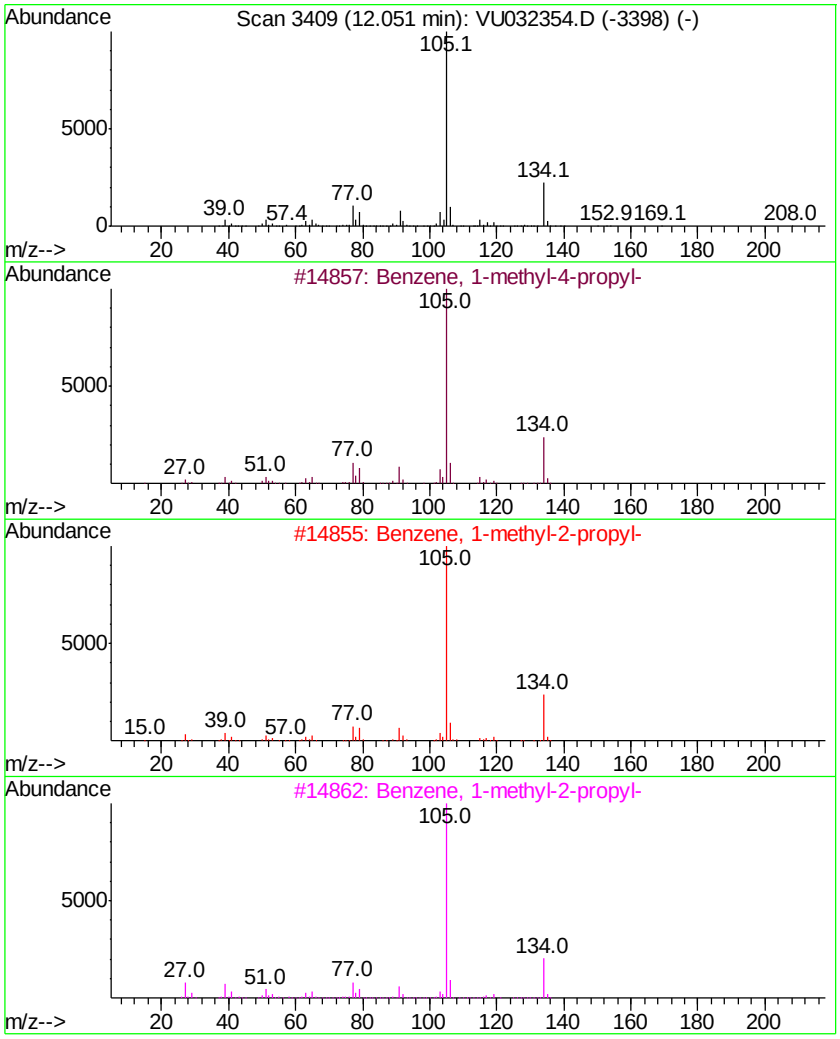
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

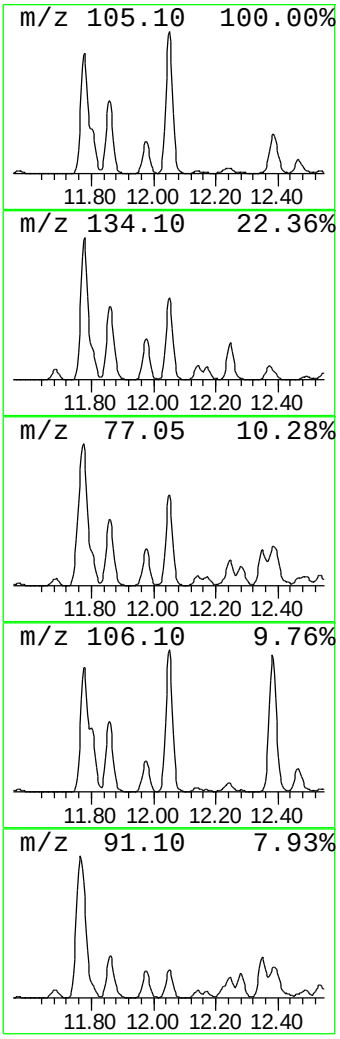
****

Peak Number 37 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	15.47 ug/L	3607280	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

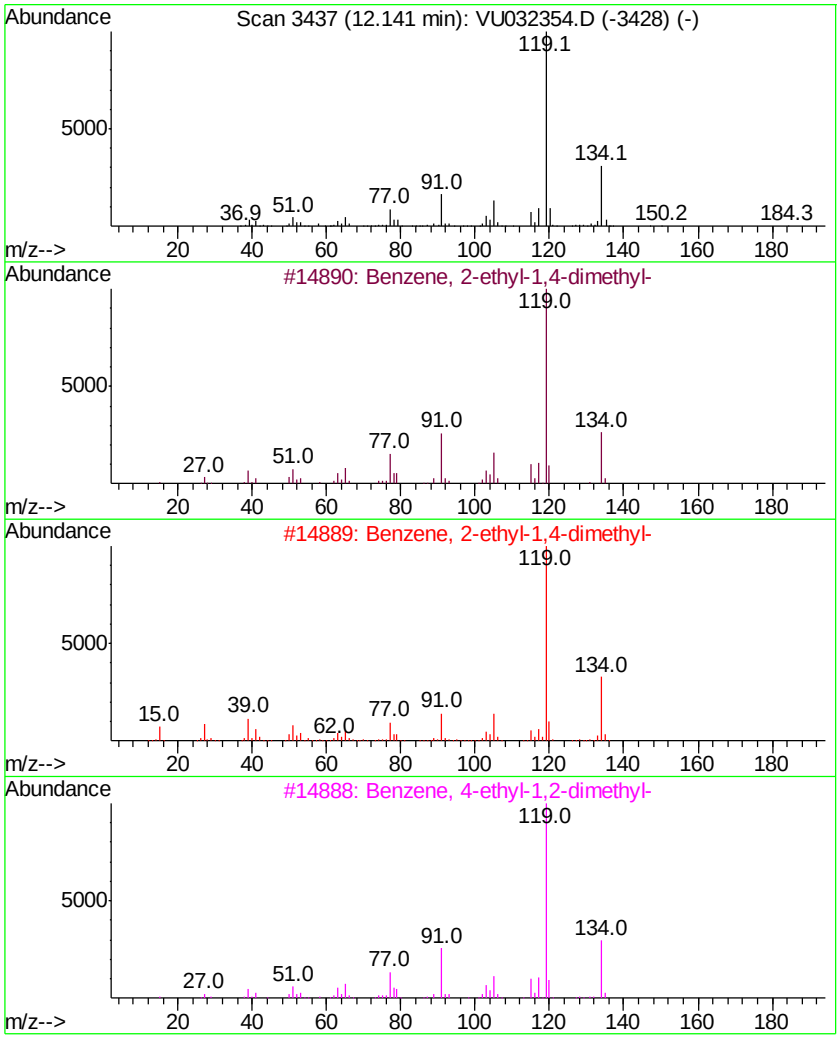
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

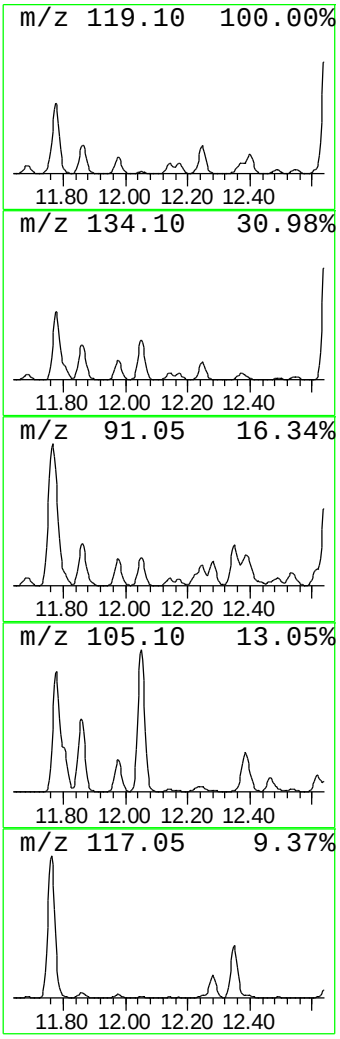
****

Peak Number 38 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.26 ug/L	526354	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

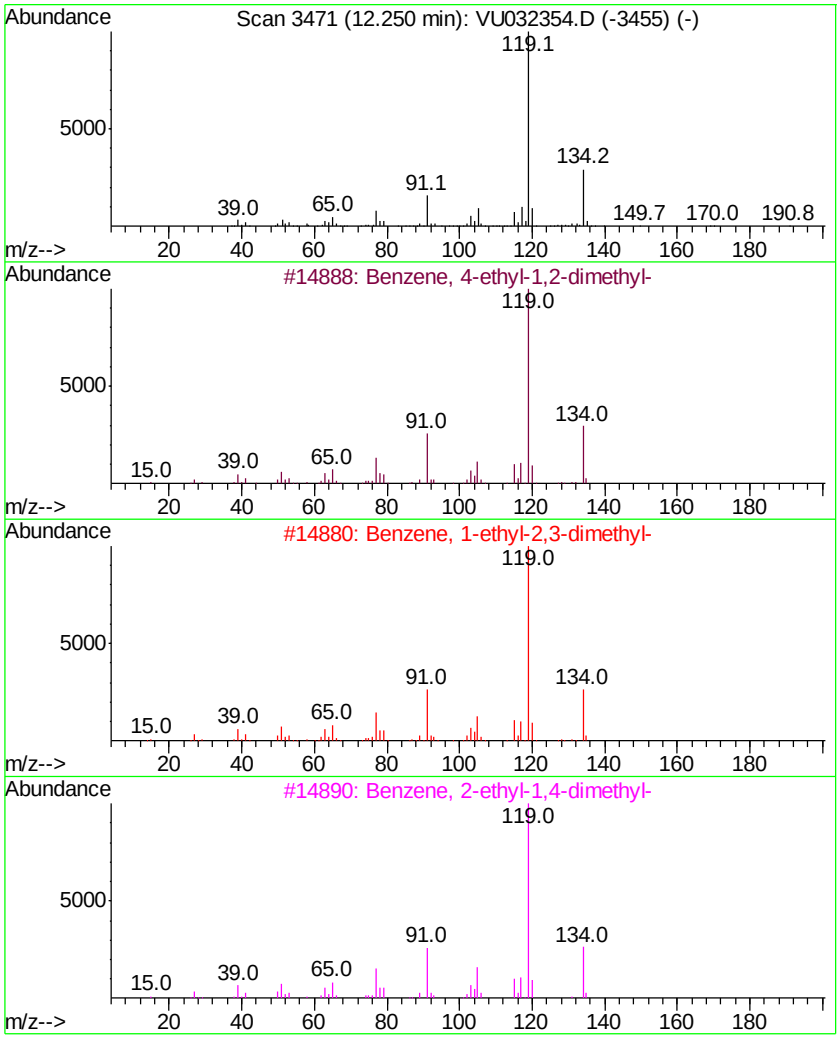
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

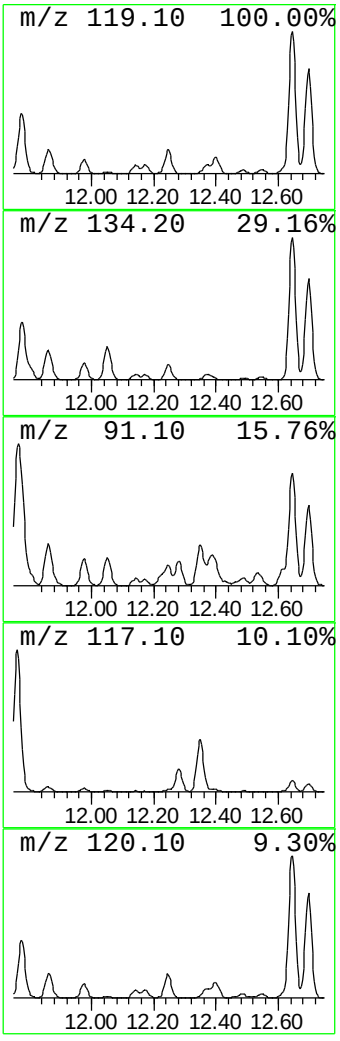
****

Peak Number 39 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	6.25 ug/L	1457380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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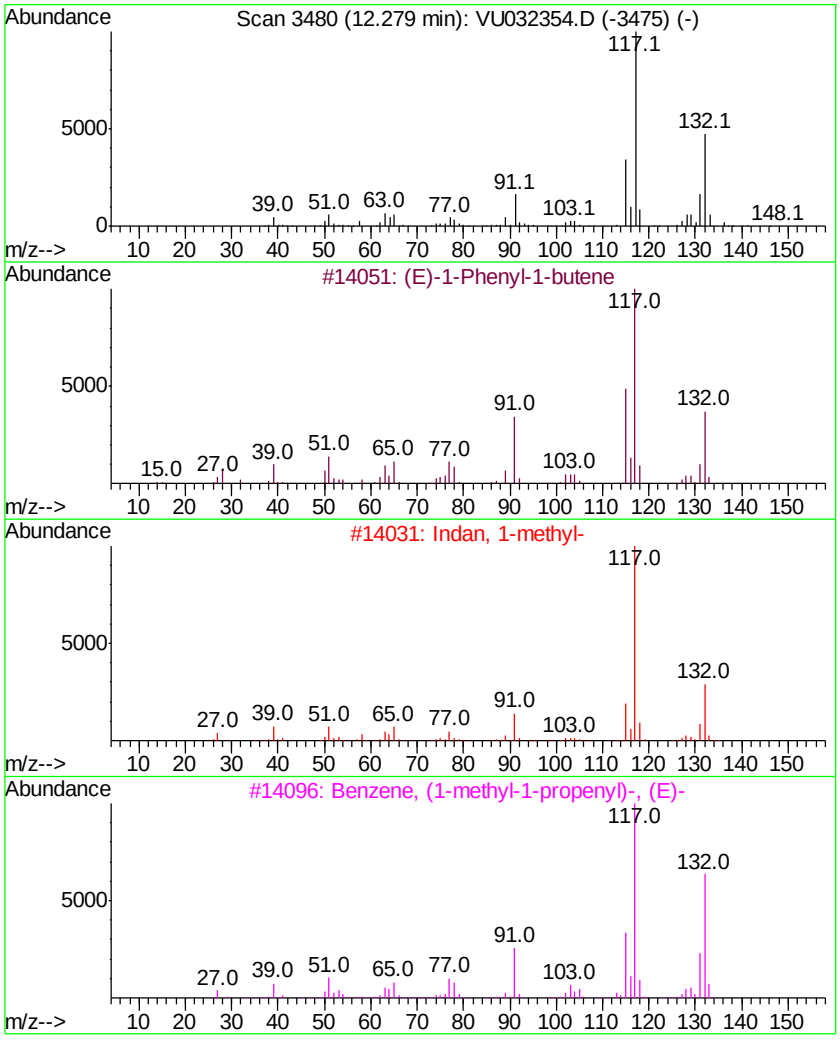
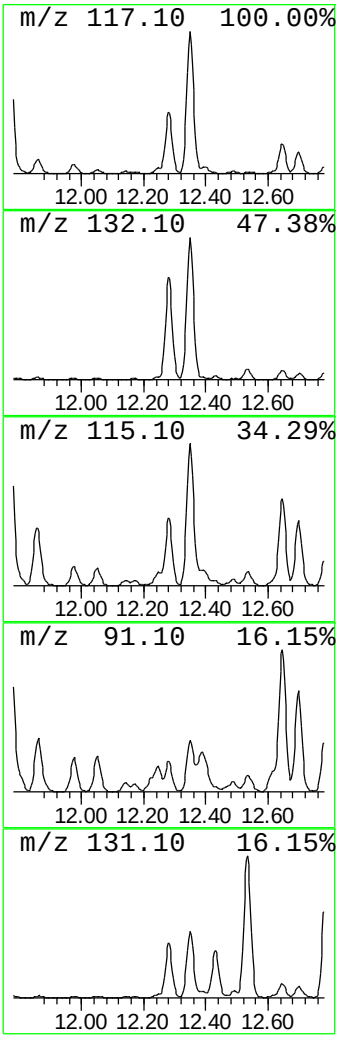
Peak Number 40 (E)-1-Phenyl-1-butene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	8.48 ug/L	1977010	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

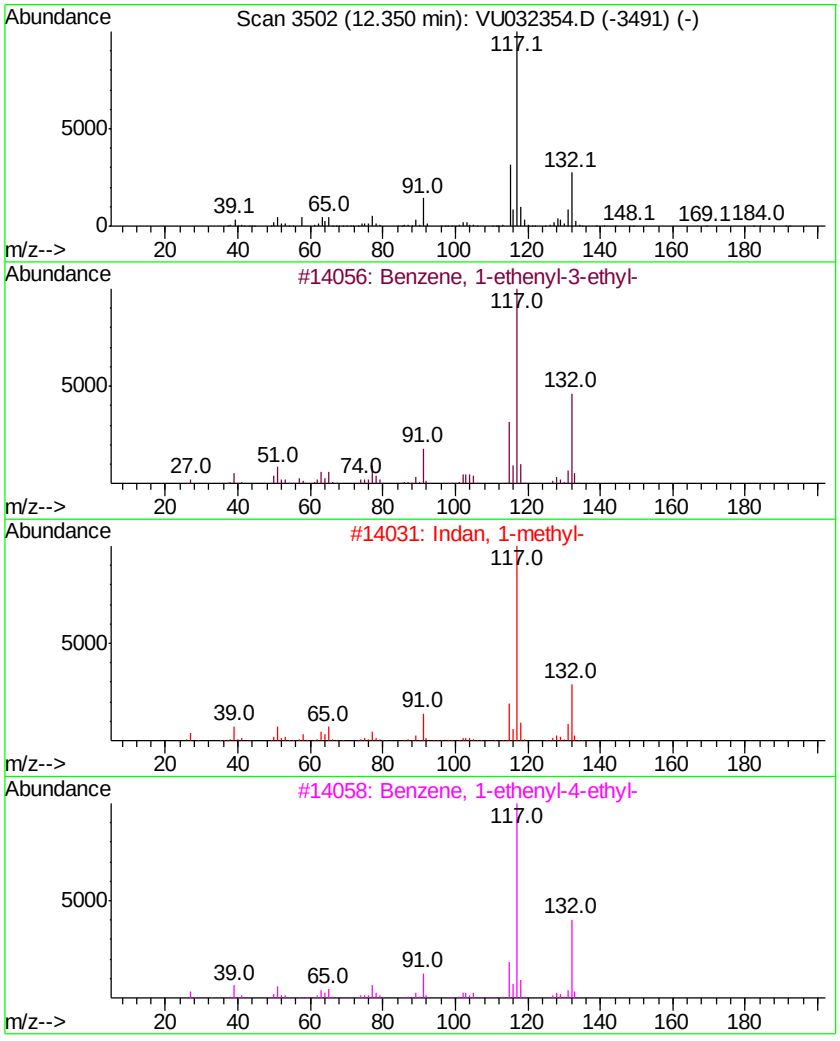
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

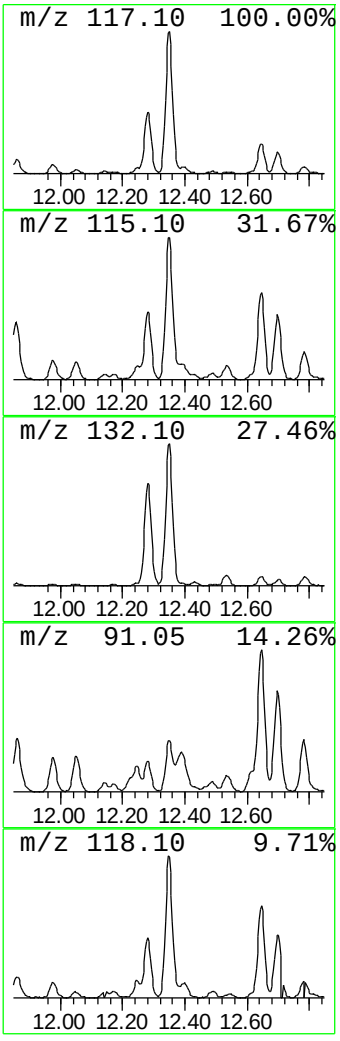
****

Peak Number 41 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	17.07 ug/L	3979220	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

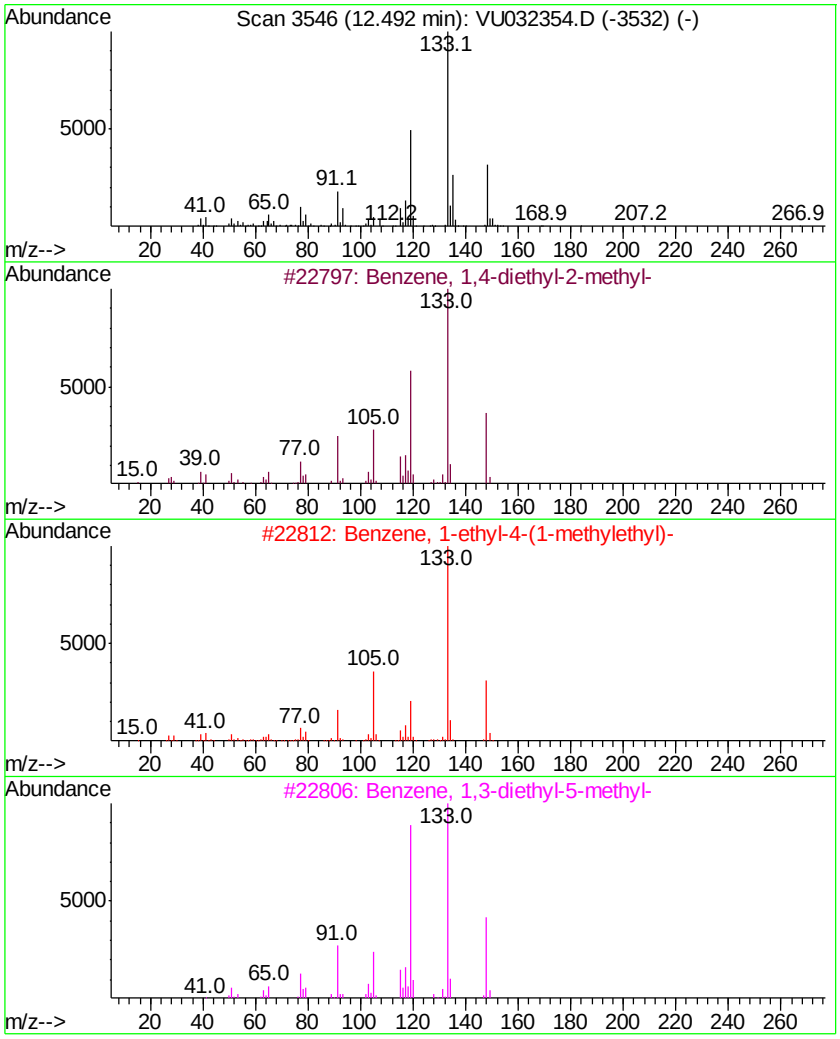
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

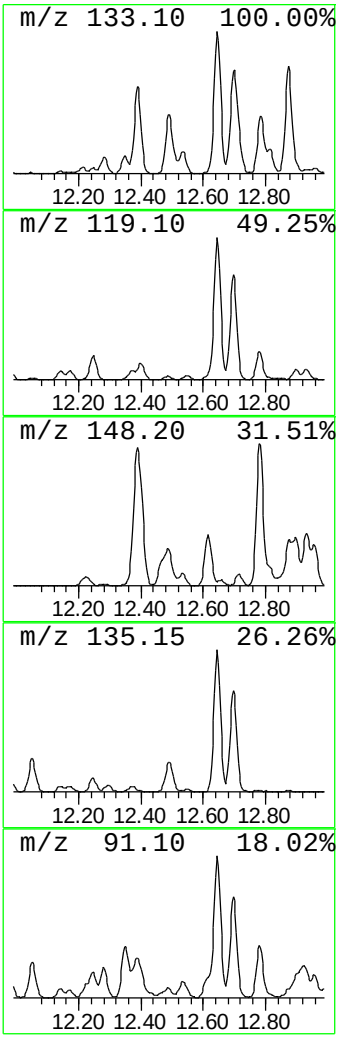
****

Peak Number 42 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.91 ug/L	679228	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	80
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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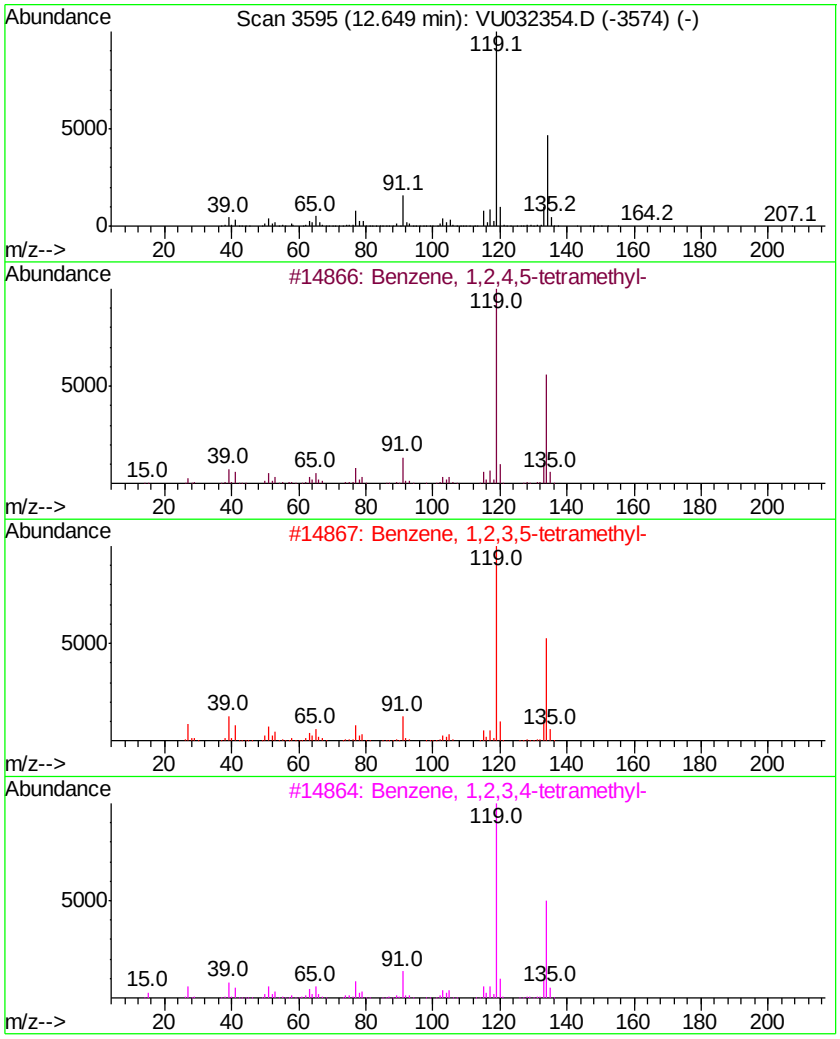
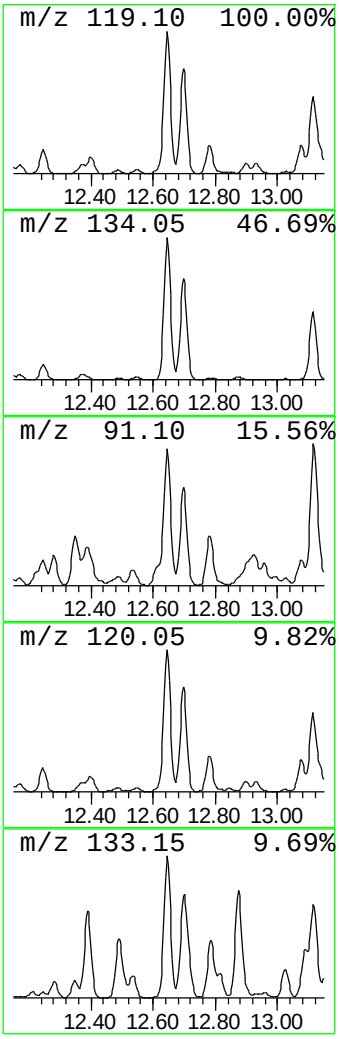
Peak Number 44 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	43.47 ug/L	10132800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

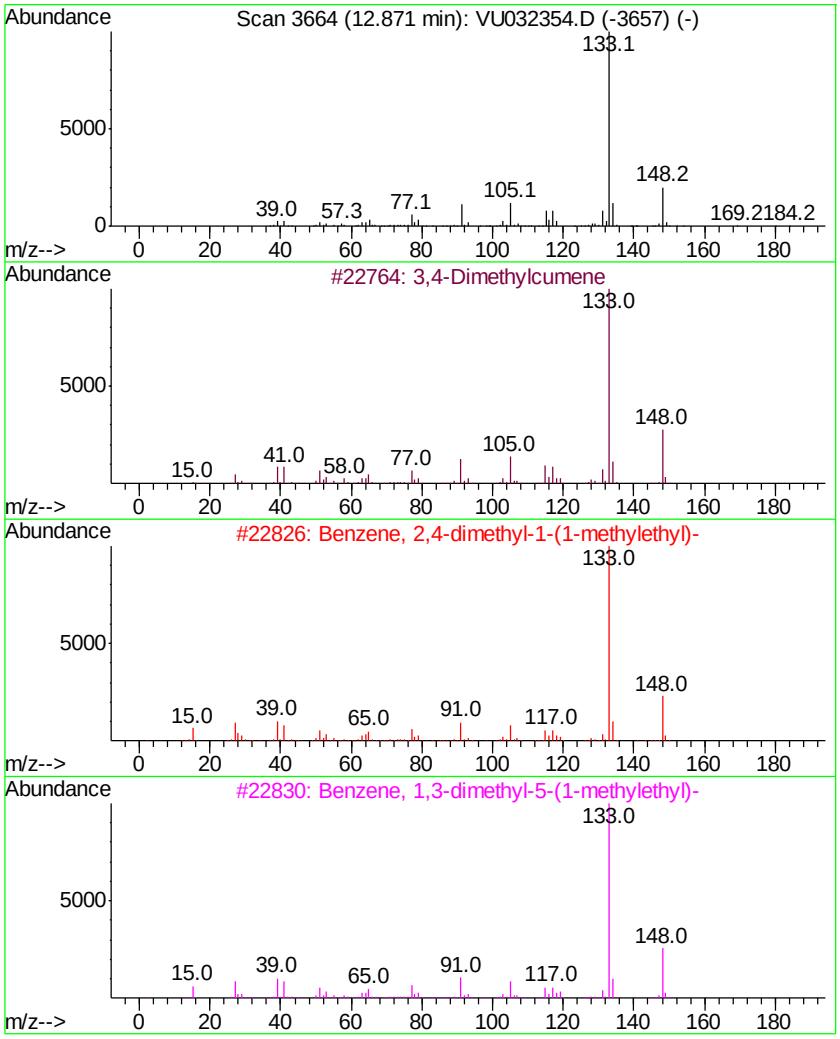
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

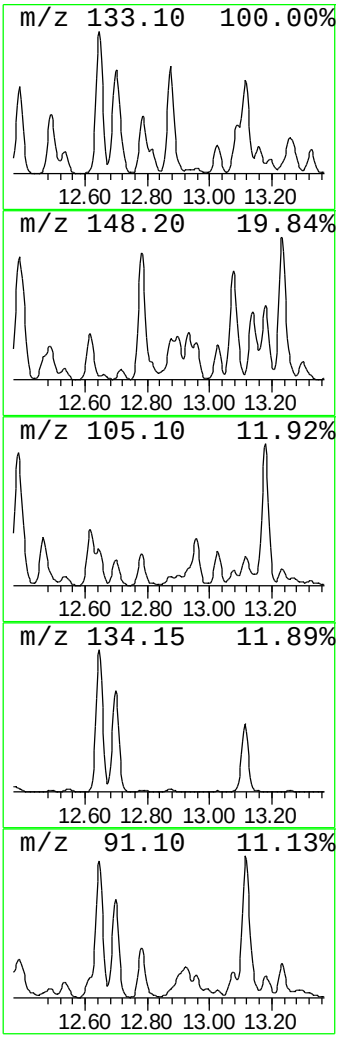
****

Peak Number 47 3,4-Dimethylcumene Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.98 ug/L	460619	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

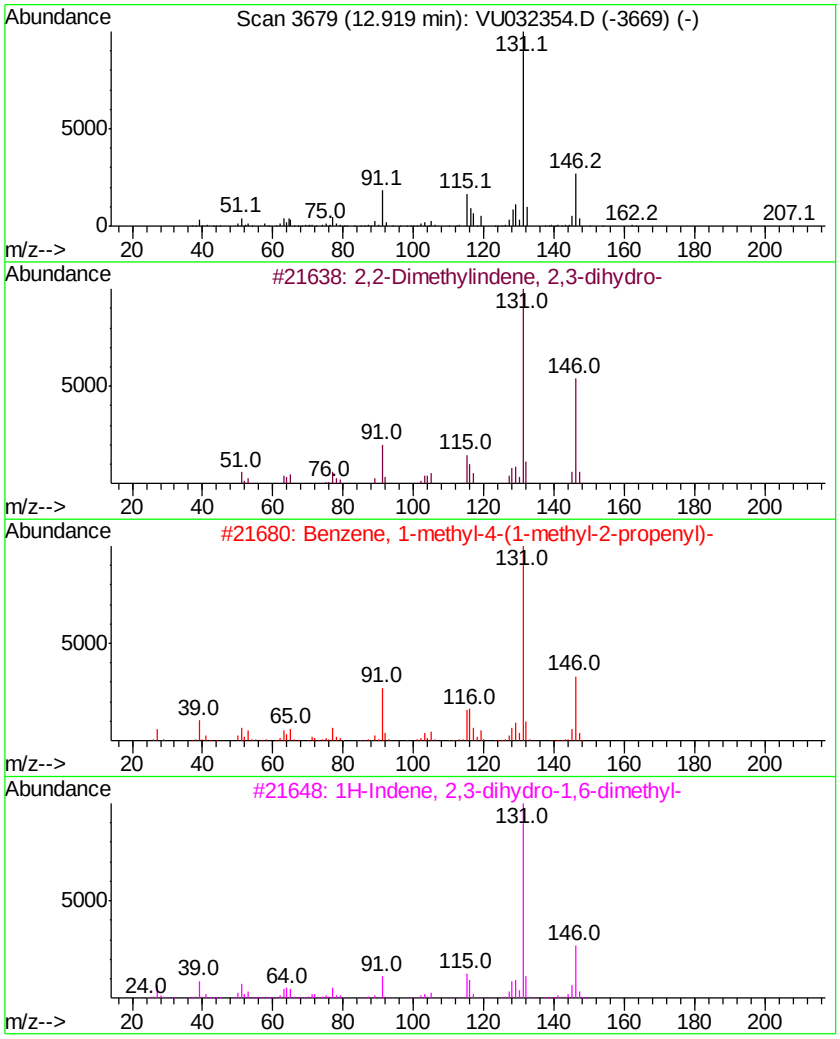
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

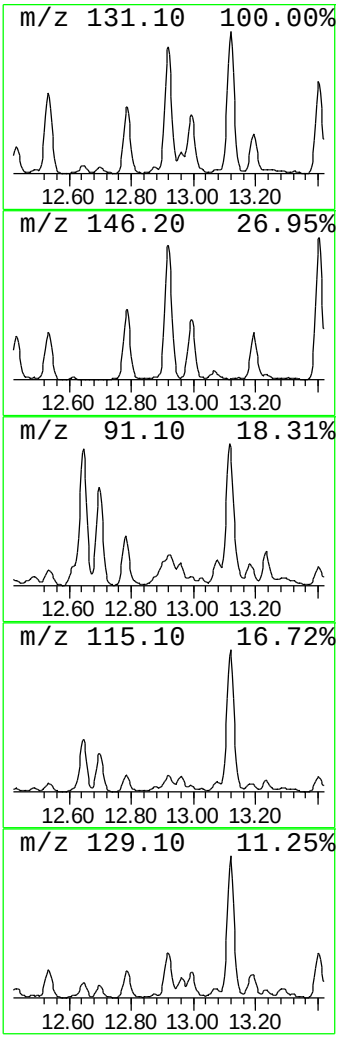
****

Peak Number 48 2,2-Dimethylindene, 2,3-dih... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	8.11 ug/L	1891360	1,4-Dichlorobenzene-d4	11.48

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-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

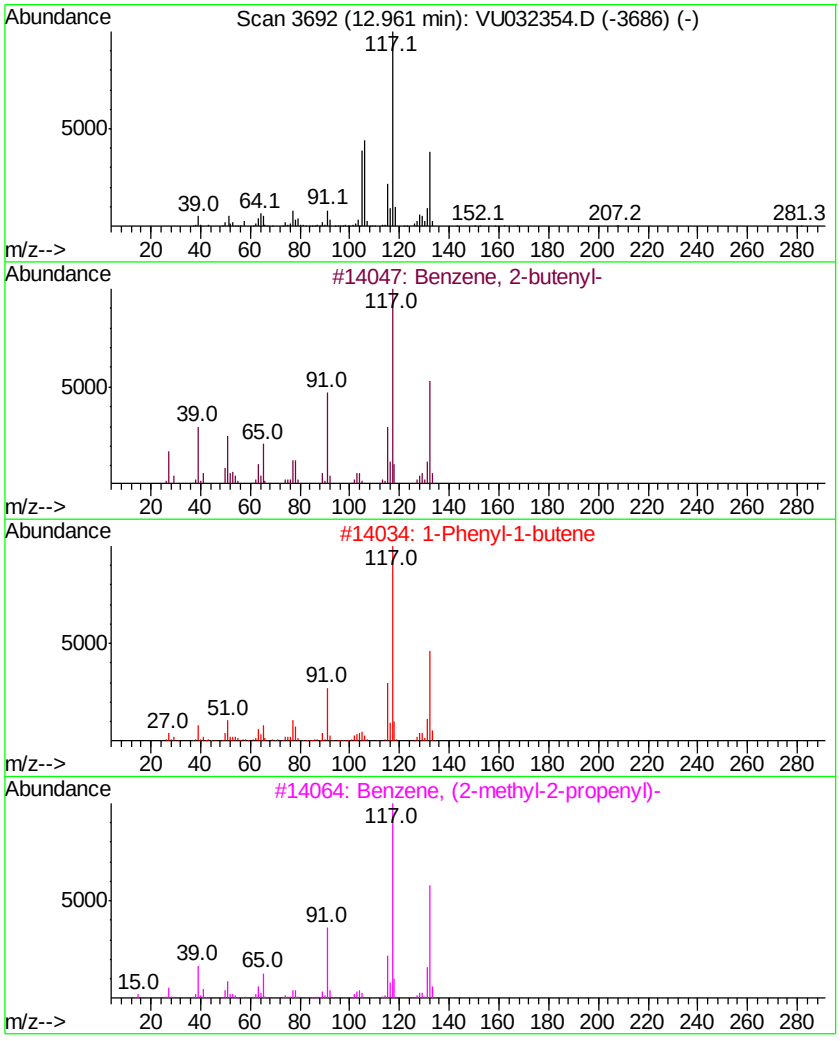
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

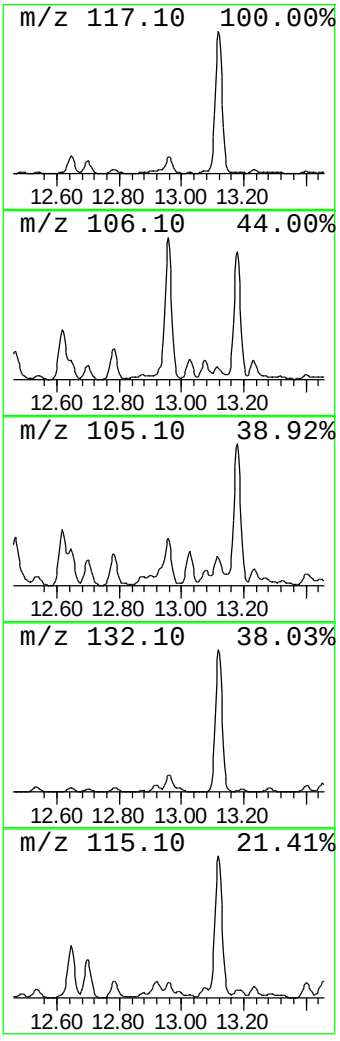
****

Peak Number 49 Benzene, 2-butenyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.58 ug/L	1068380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	68
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	62
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

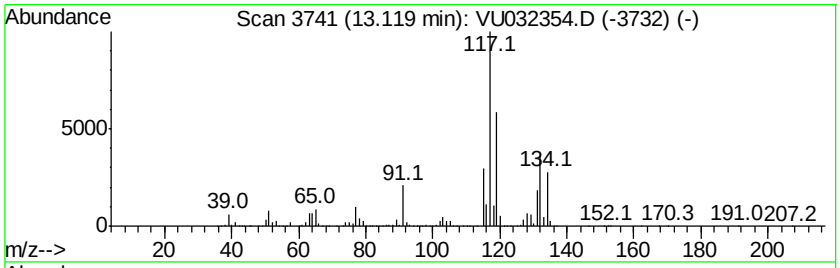
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

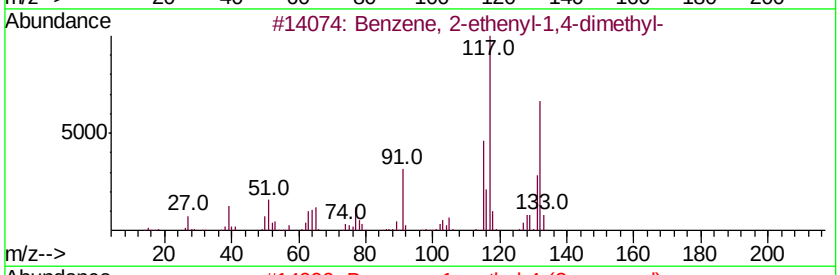
****

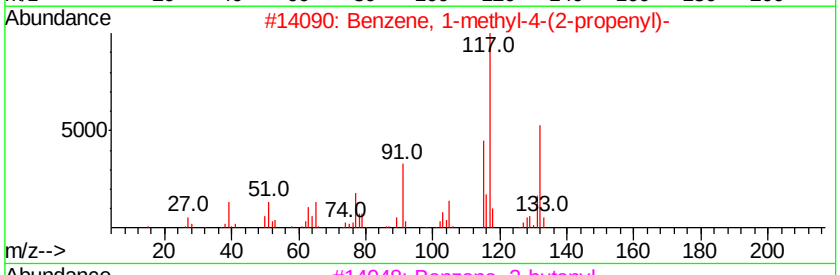
Peak Number 51 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 2

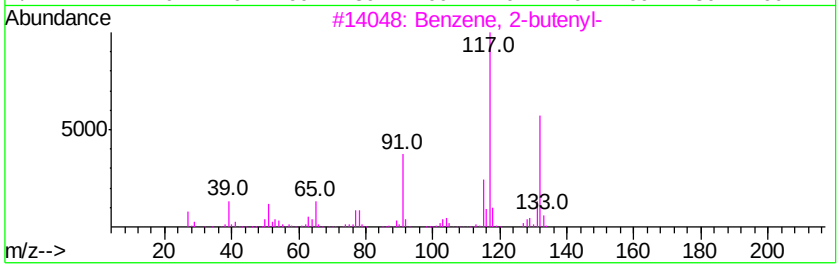
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	51.52 ug/L	12011000	1,4-Dichlorobenzene-d4	11.48

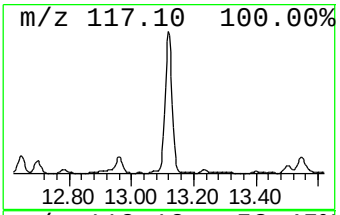
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70

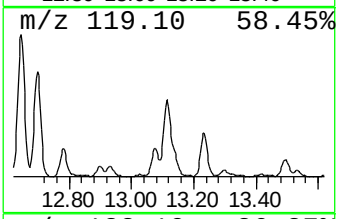


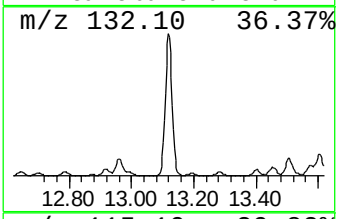


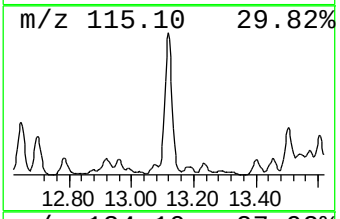


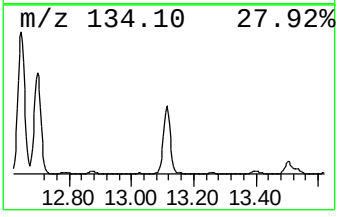












Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

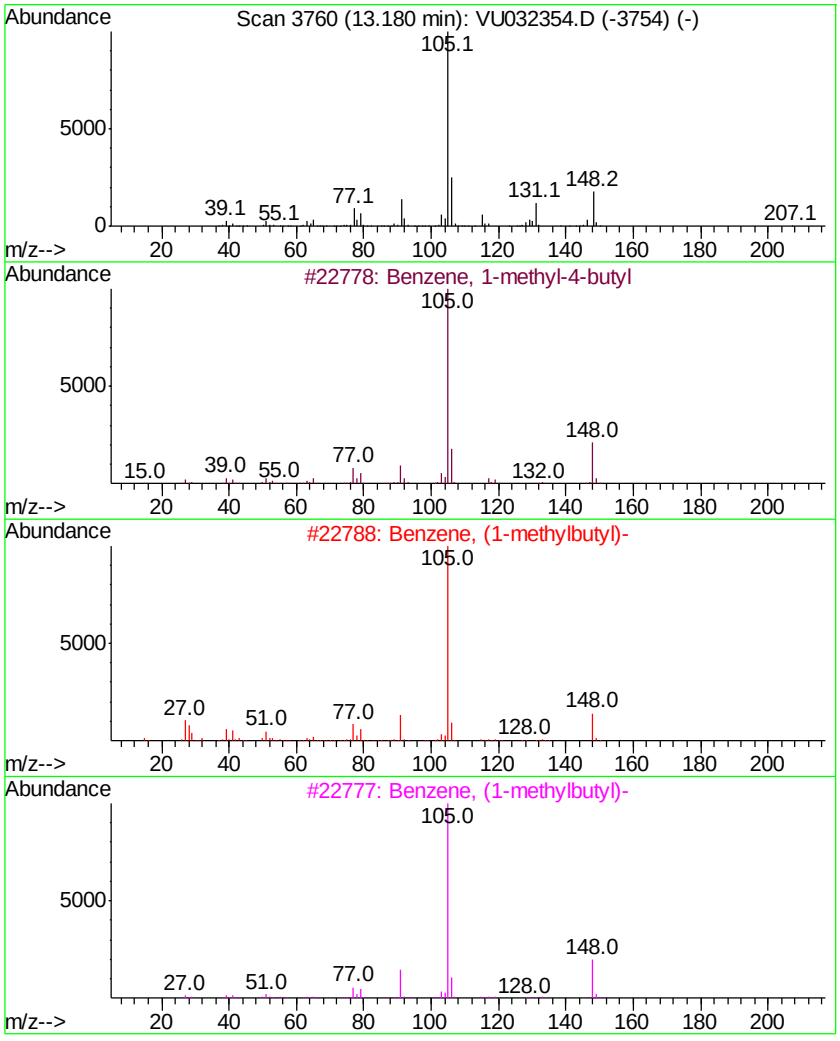
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

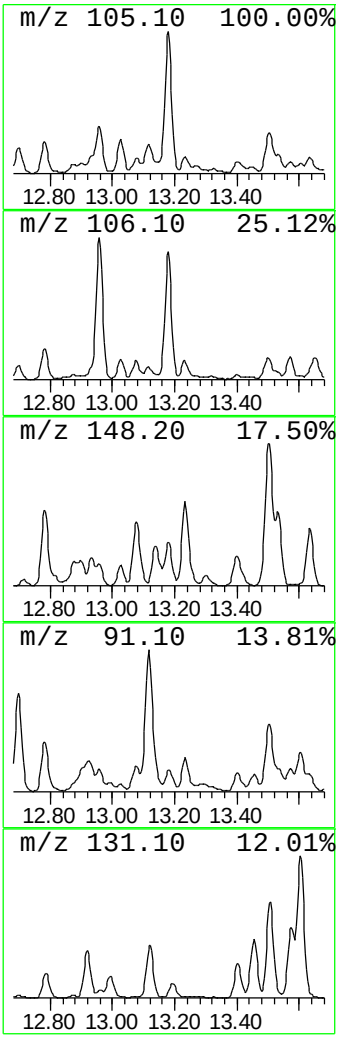
****

Peak Number 52 Benzene, 1-methyl-4-butyl Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	4.93 ug/L	1150030	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	68
2	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	58
3	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	58
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	53
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

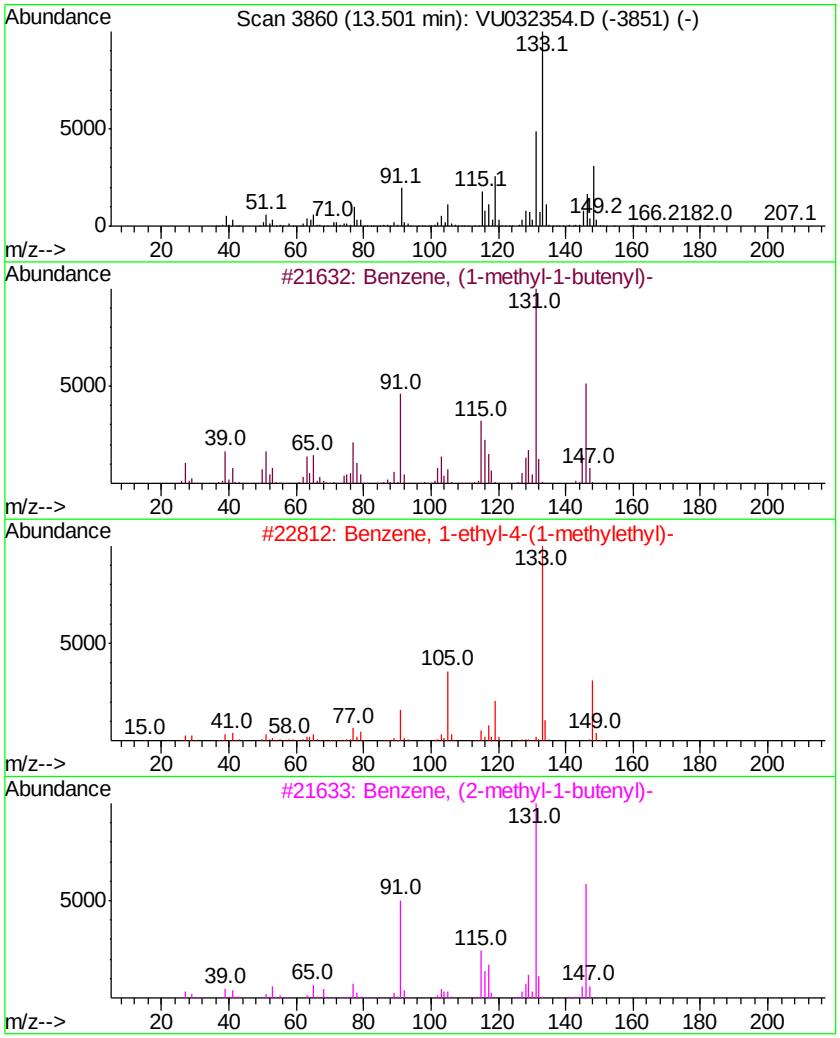
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

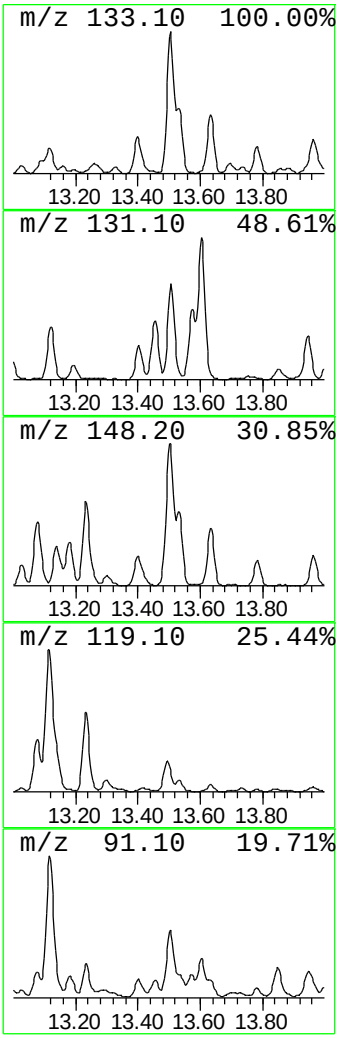
****

Peak Number 56 Benzene, (1-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	24.08 ug/L	5613340	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	66
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

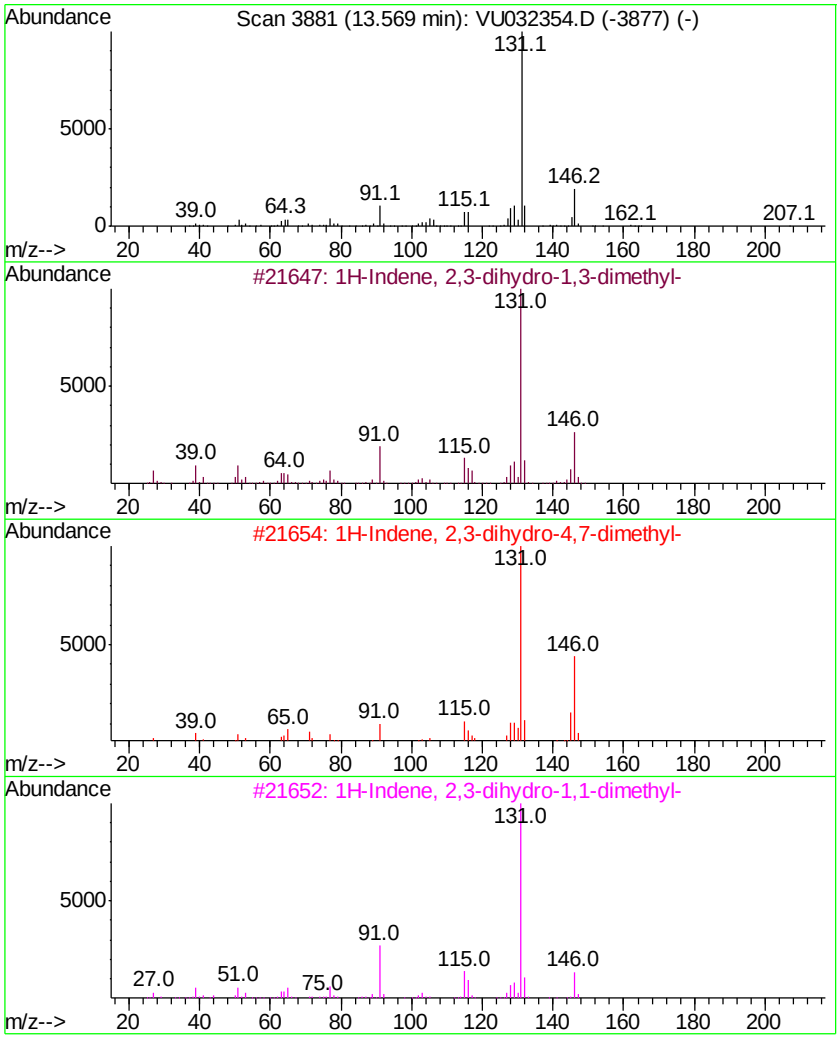
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

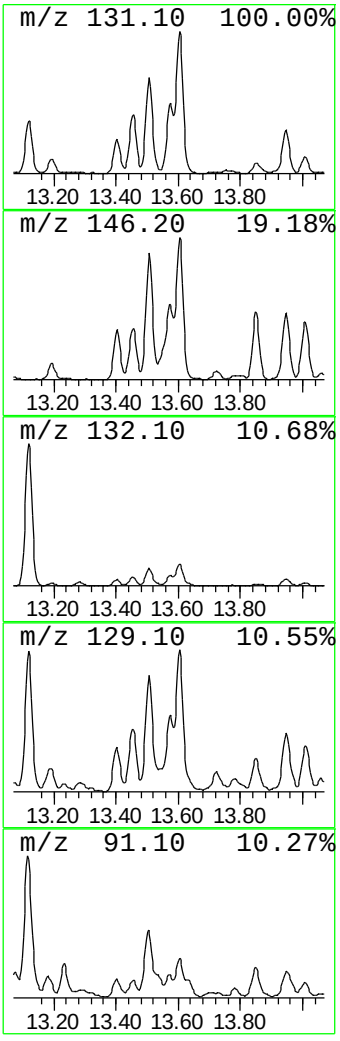
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.39 ug/L	557831	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	80
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

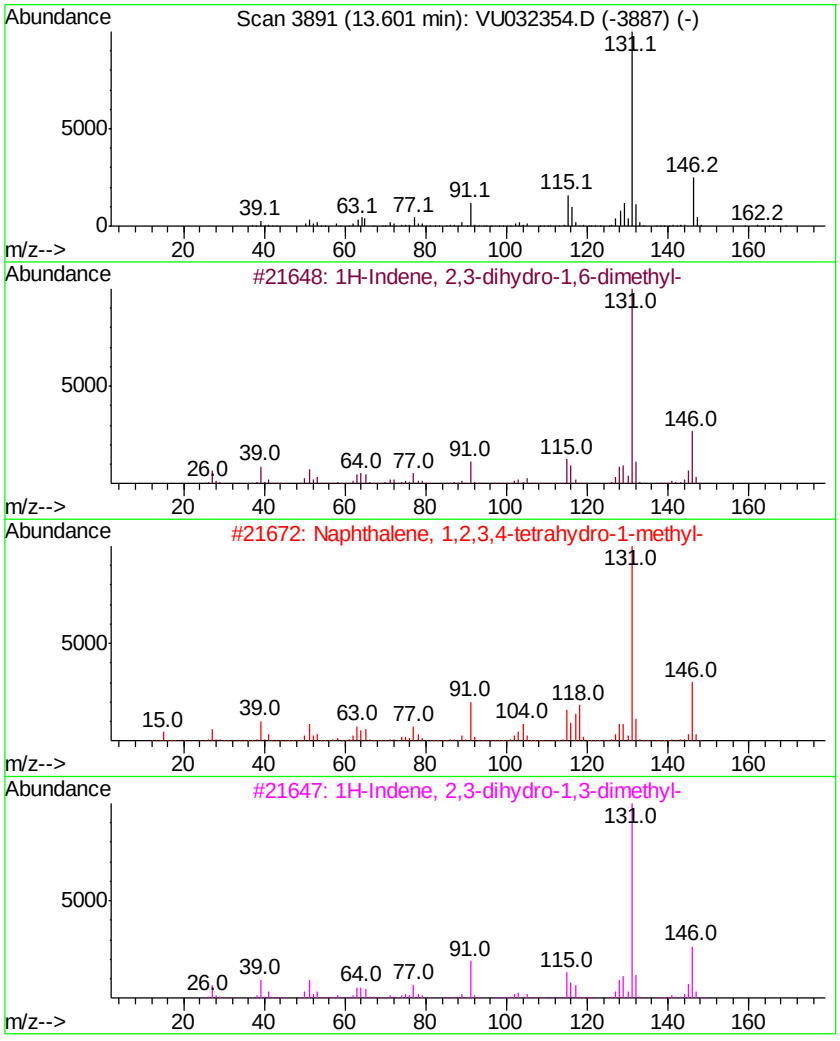
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

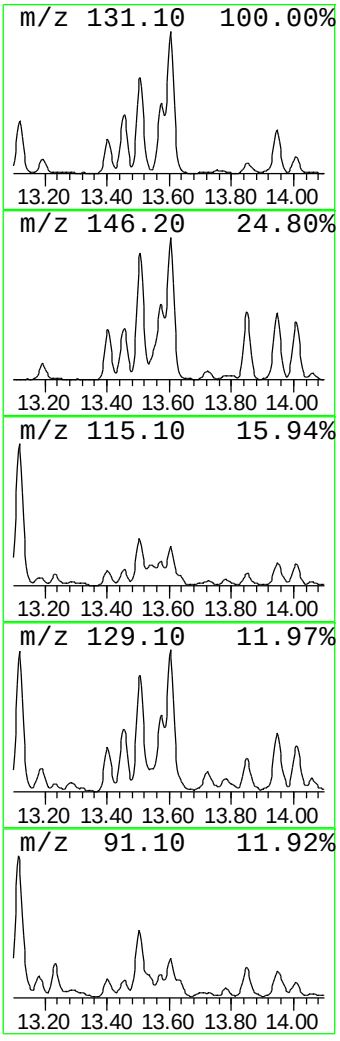
****

Peak Number 58 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.95 ug/L	1387940	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

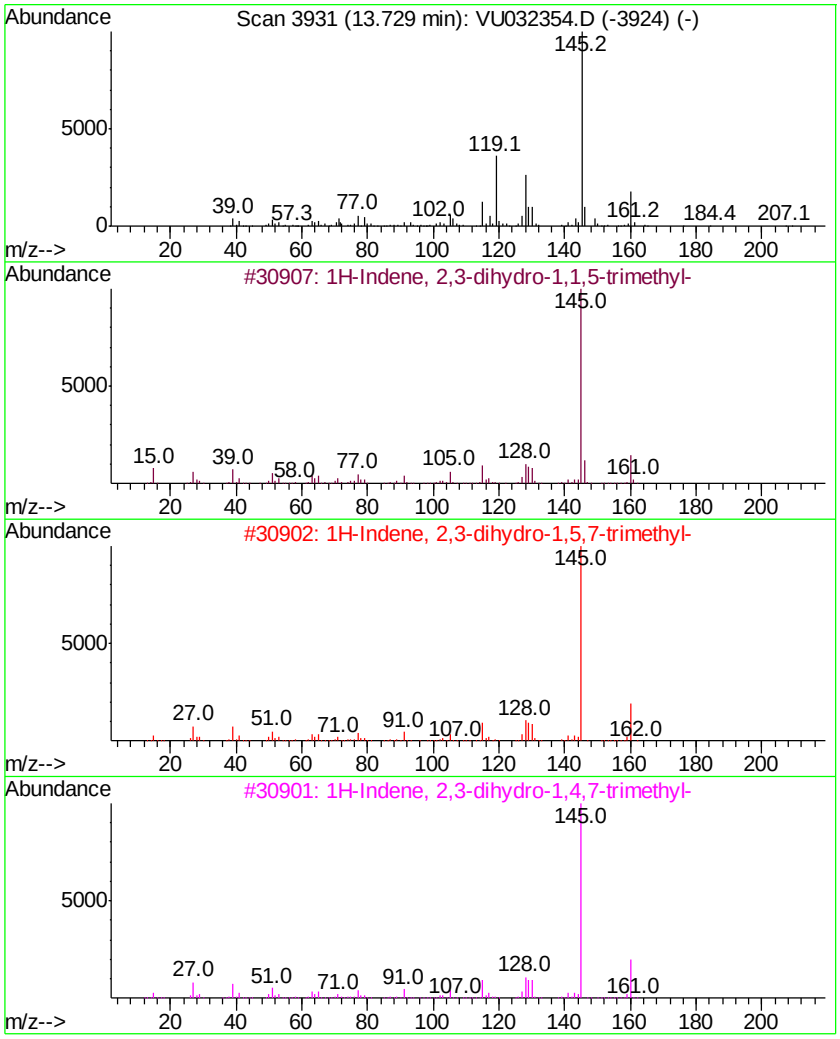
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

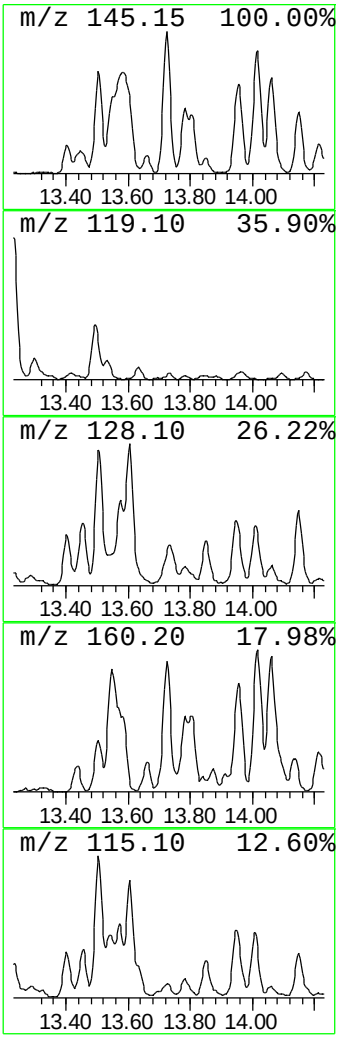
****

Peak Number 59 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.30 ug/L	535227	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76
3	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	72
5	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

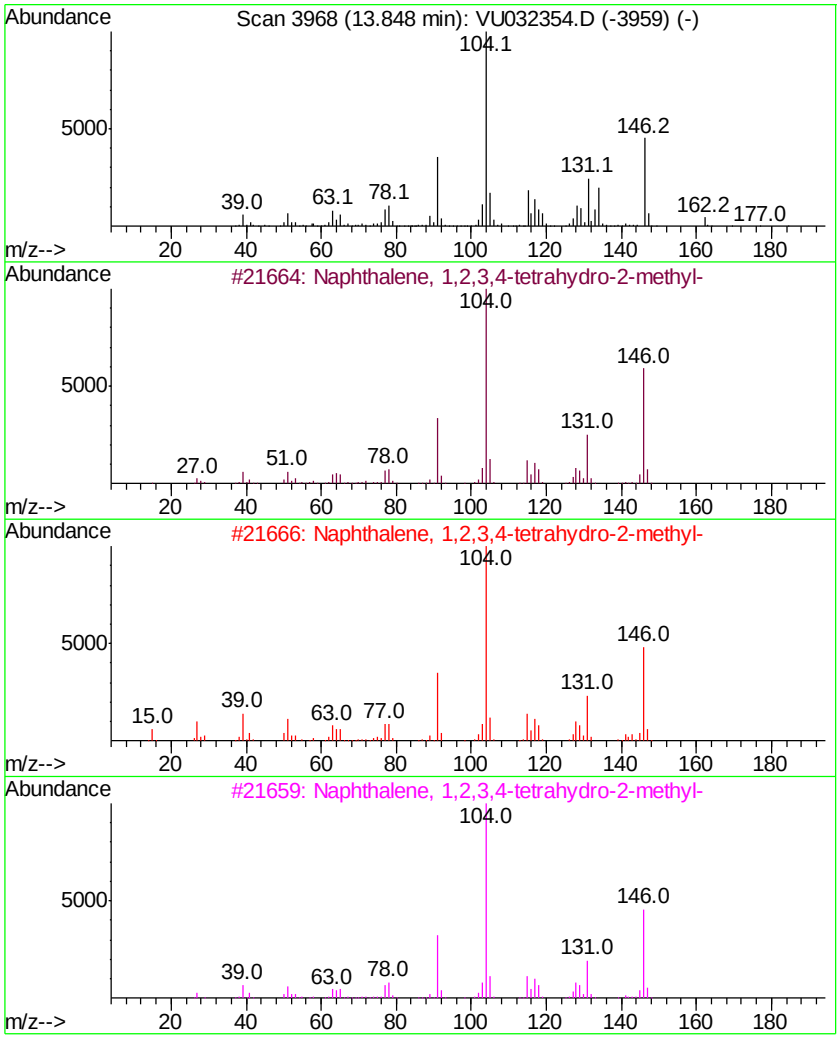
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

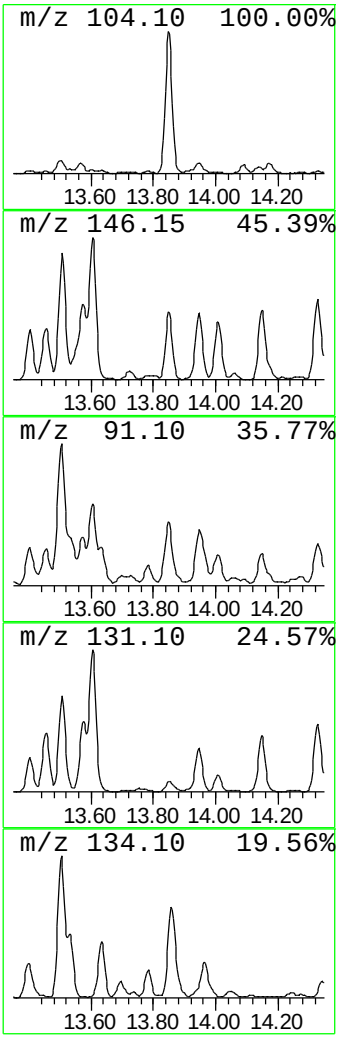
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	7.52 ug/L	1753380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	70
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	60





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

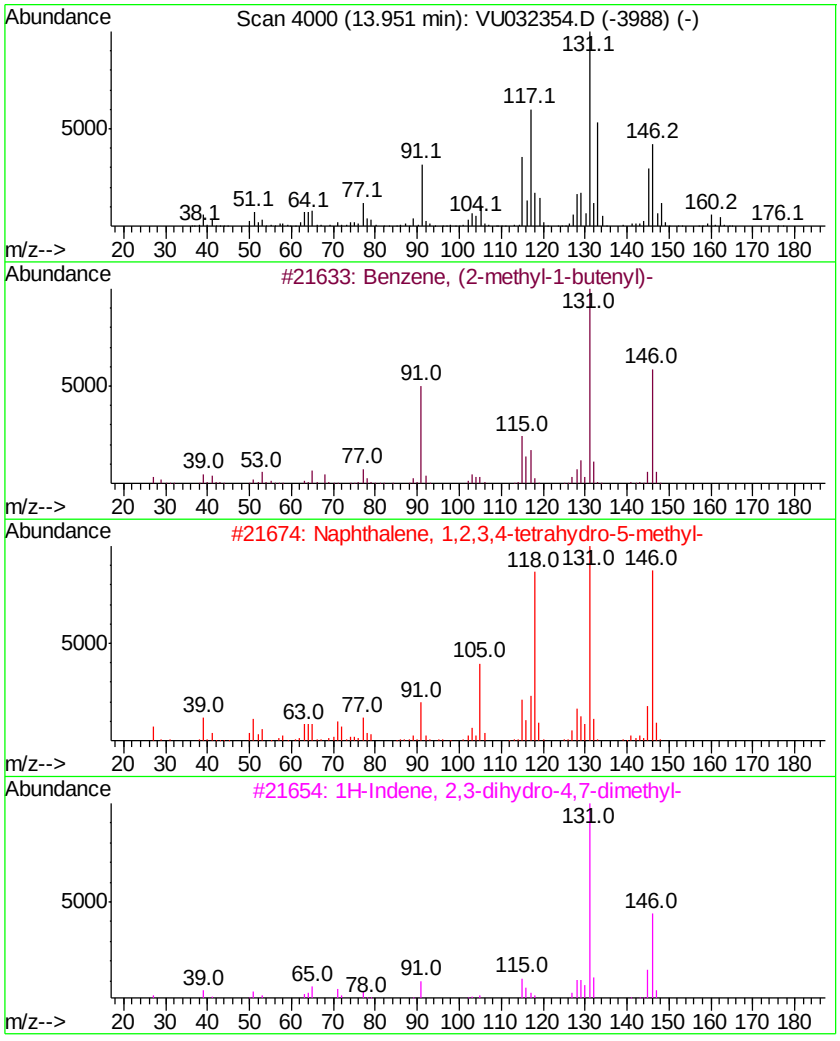
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

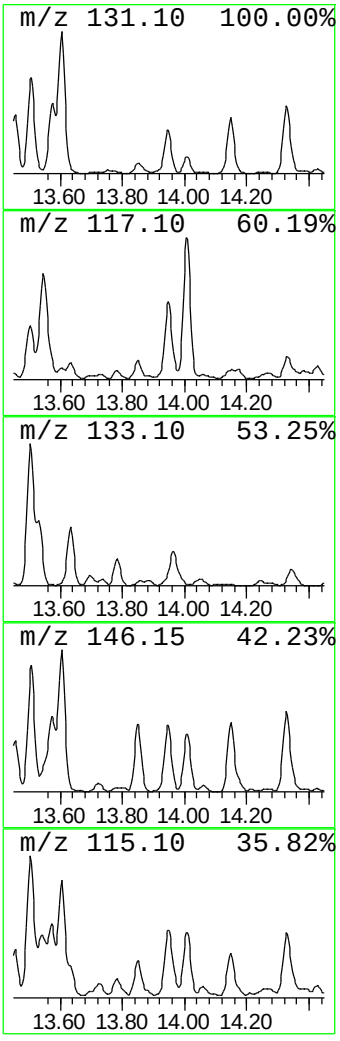
****

Peak Number 62 Benzene, (2-methyl-1-butenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	10.80 ug/L	2516920	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

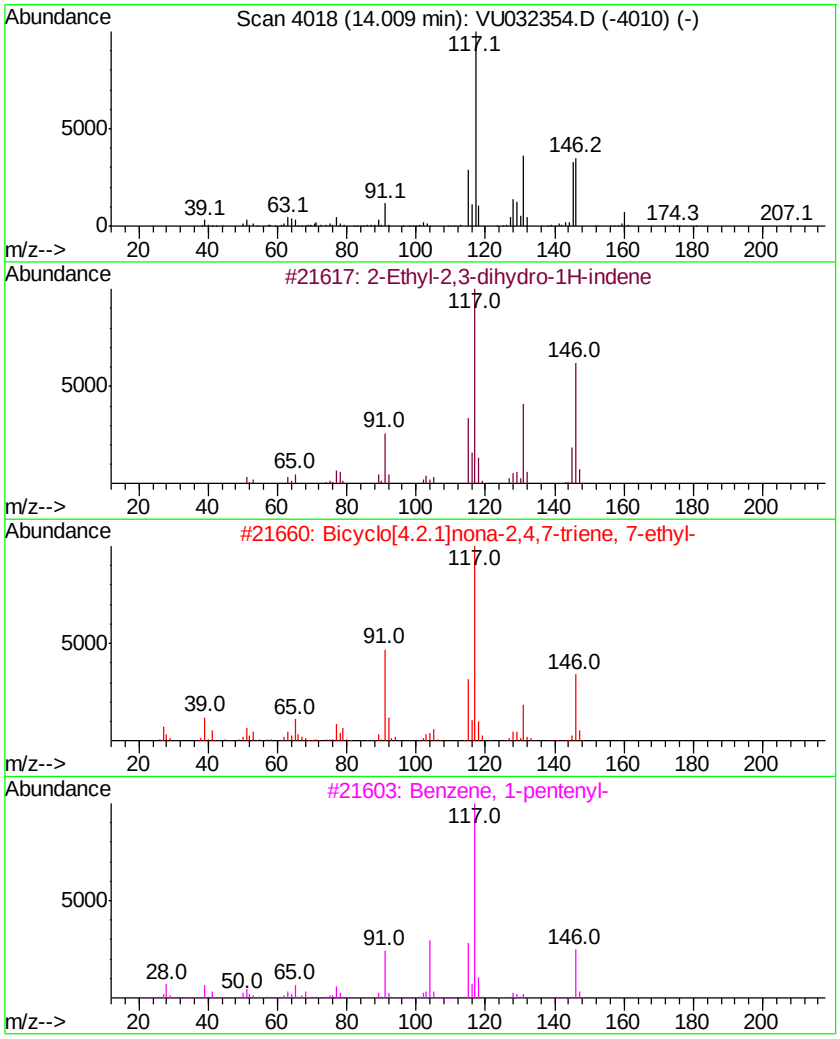
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

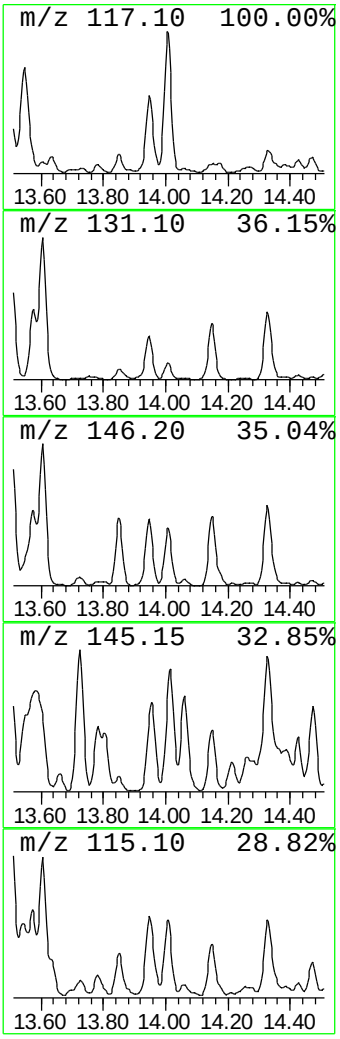
****

Peak Number 63 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	5.94 ug/L	1383970	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	72
2	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	59
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

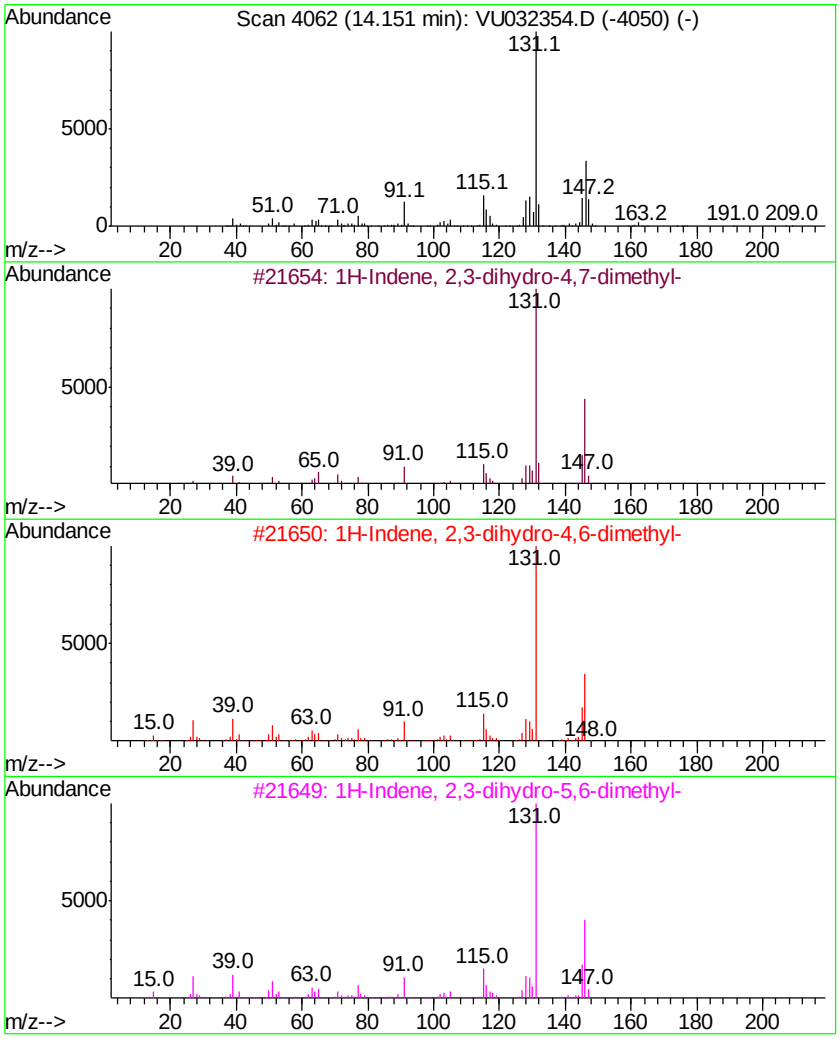
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

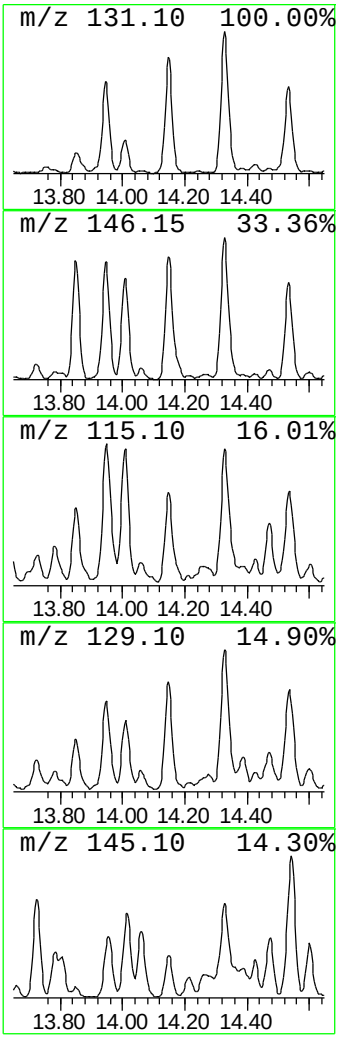
****

Peak Number 64 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	7.07 ug/L	1648650	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

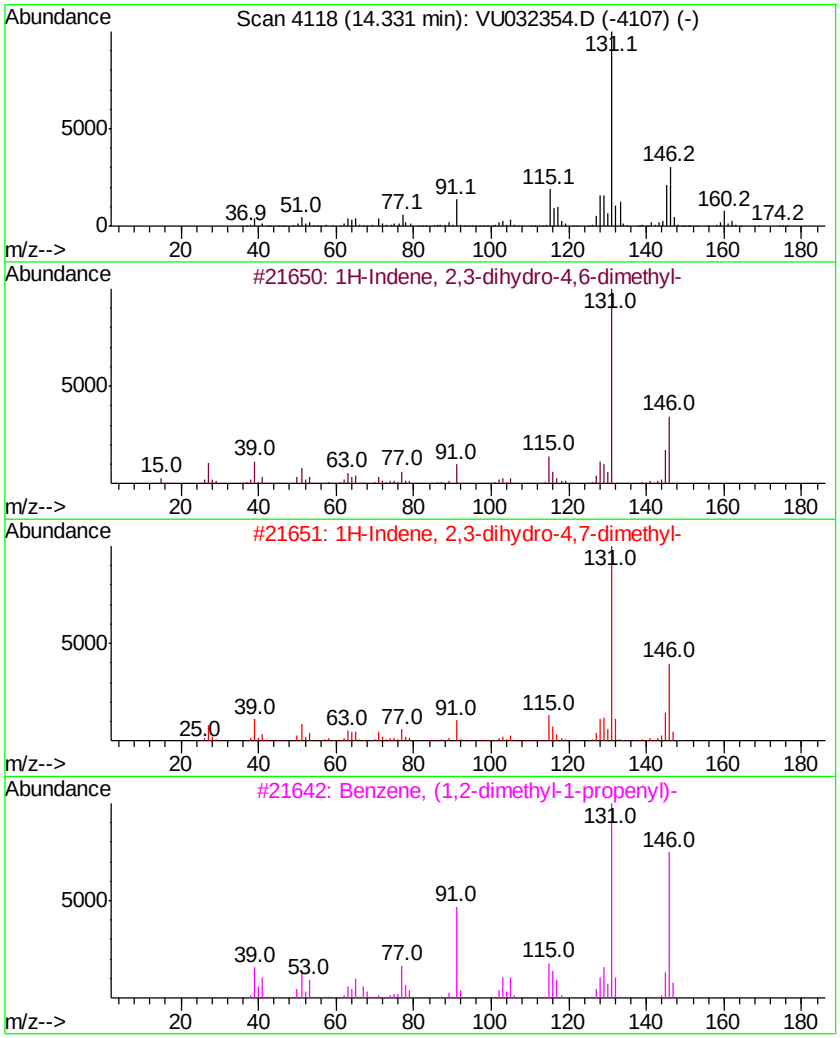
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

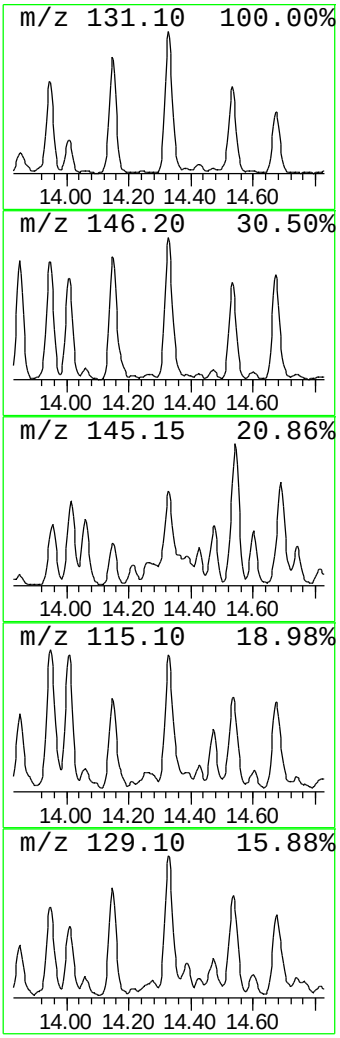
****

Peak Number 65 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	10.42 ug/L	2428880	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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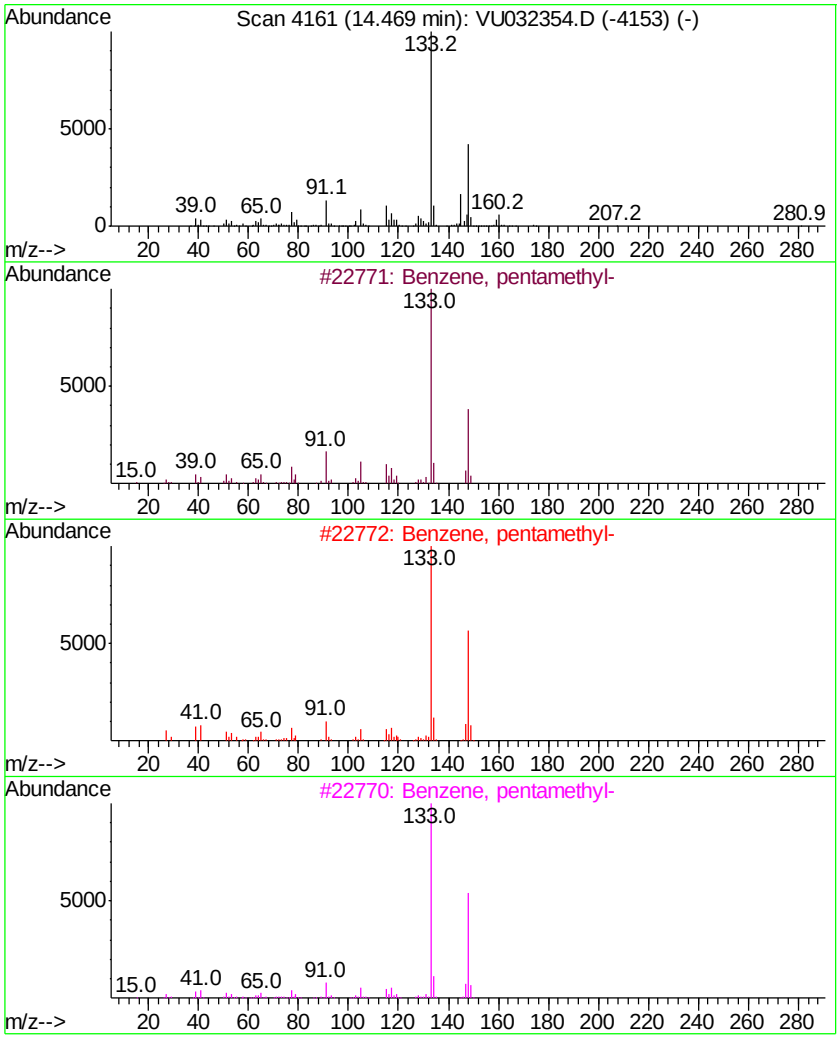
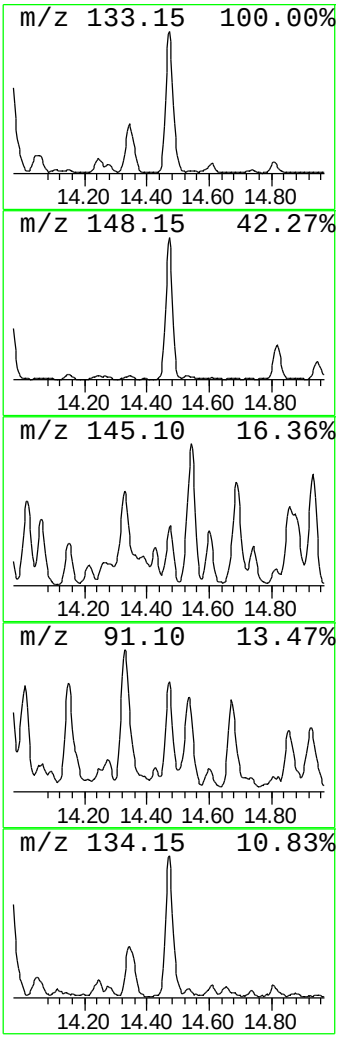
Peak Number 66 Benzene, pentamethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.59 ug/L	1302610	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

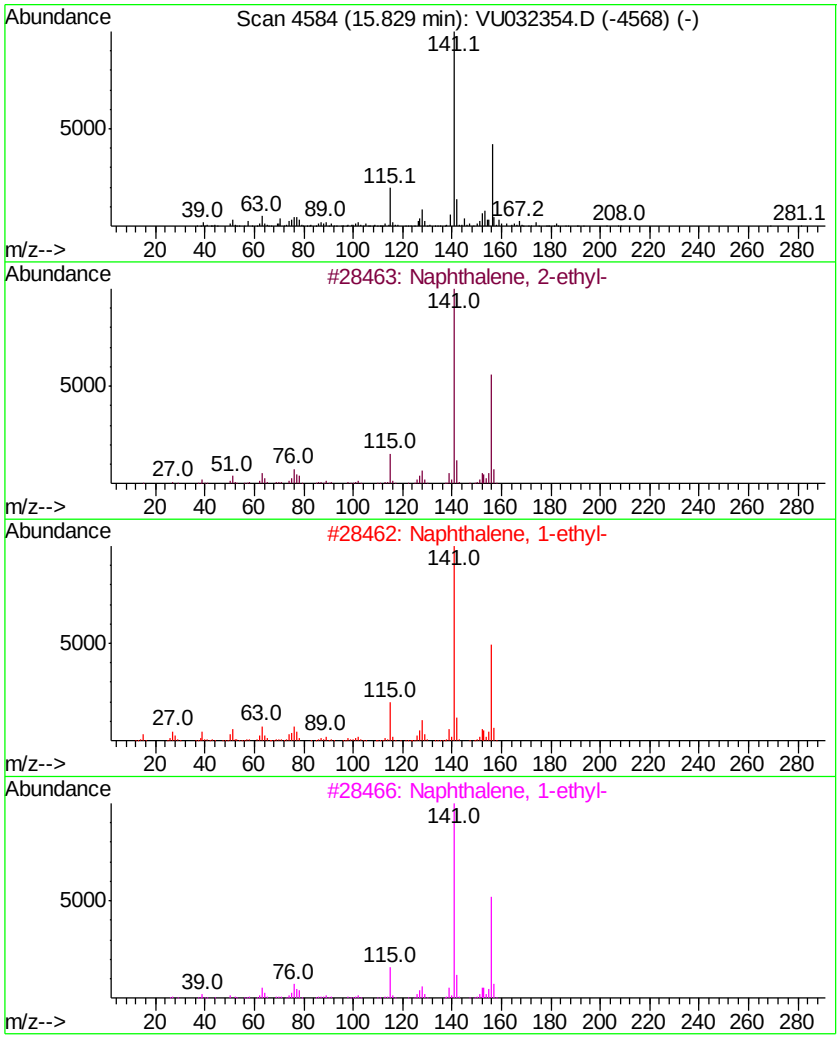
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

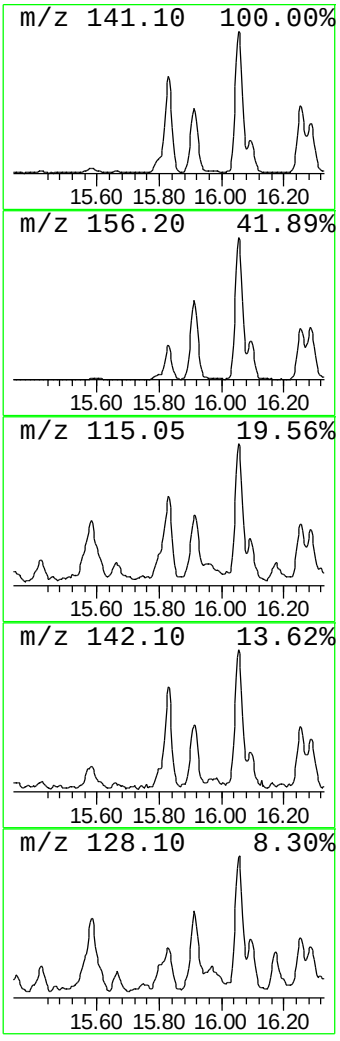
****

Peak Number 74 Naphthalene, 1-ethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.34 ug/L	778989	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	92
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

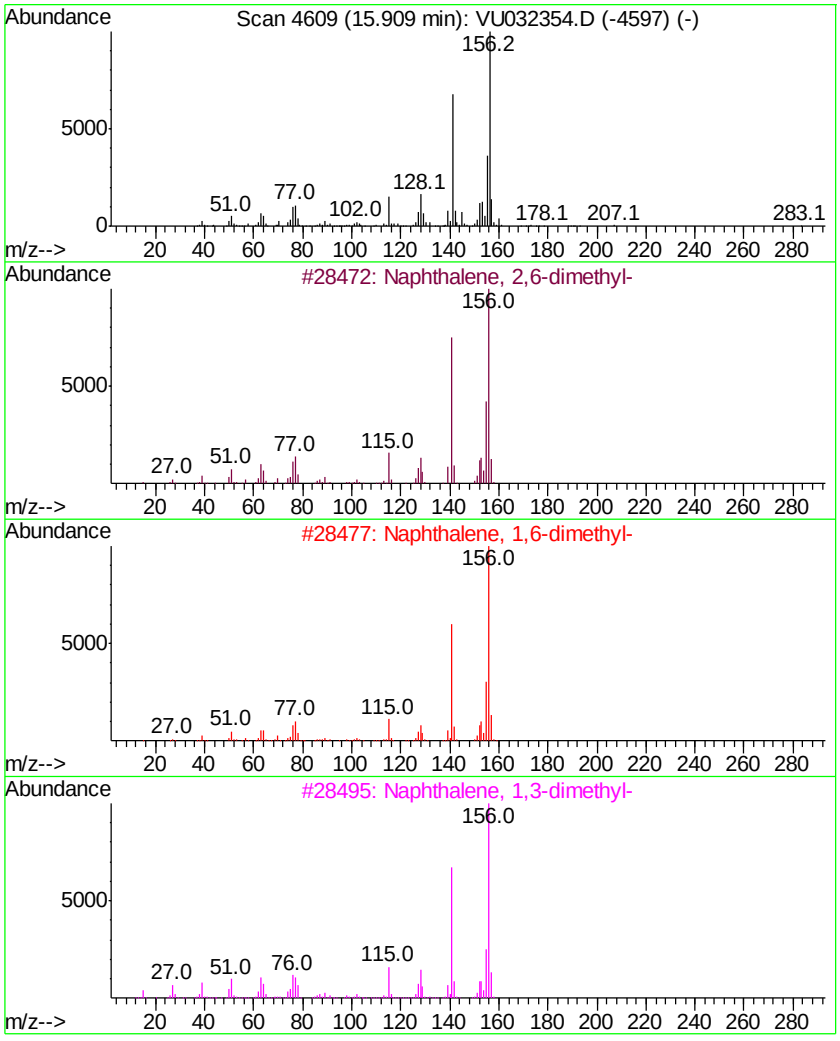
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

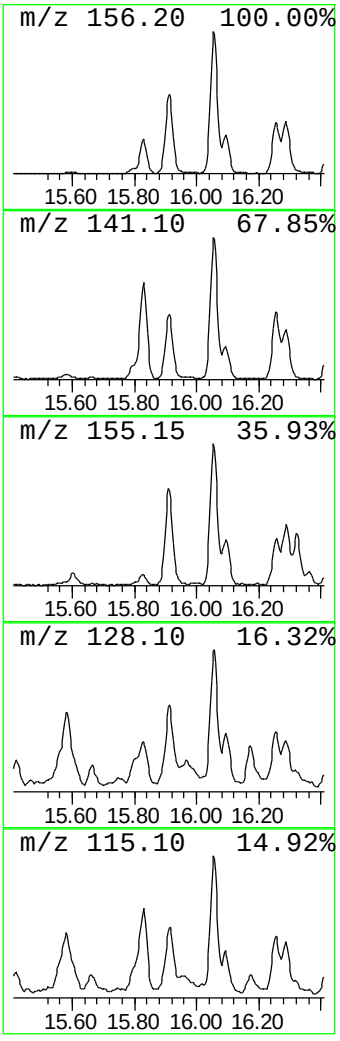
****

Peak Number 75 Naphthalene, 1,6-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.98 ug/L	926769	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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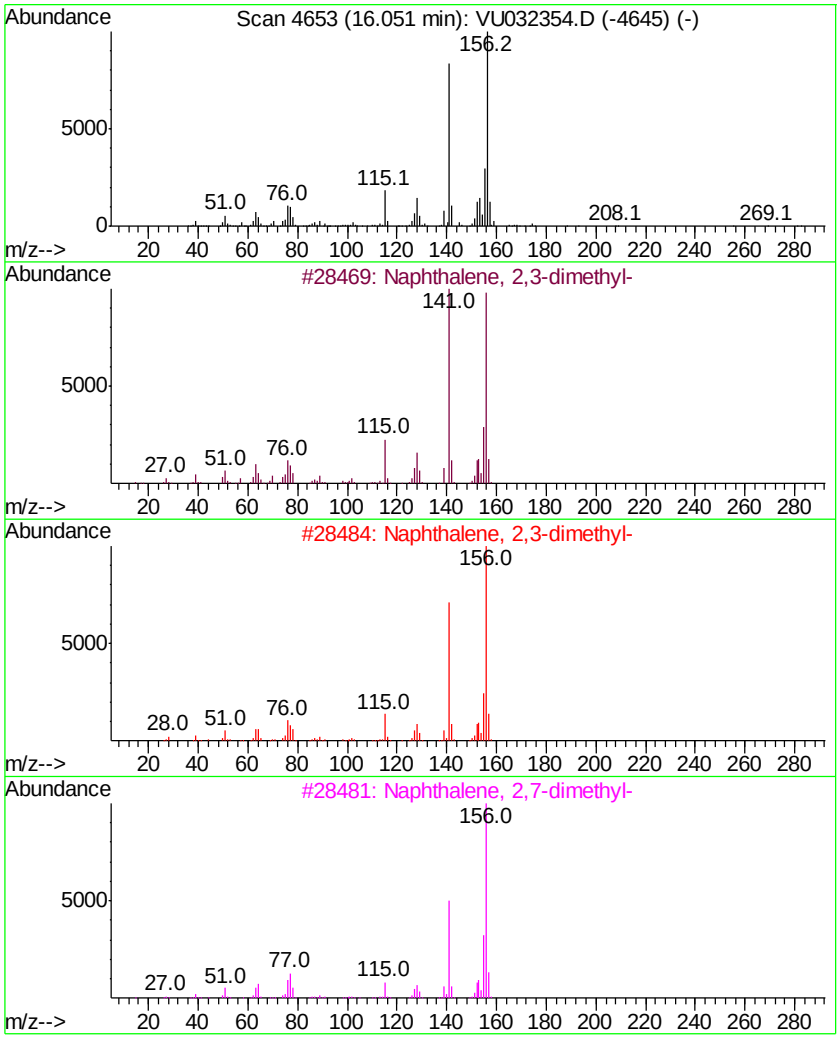
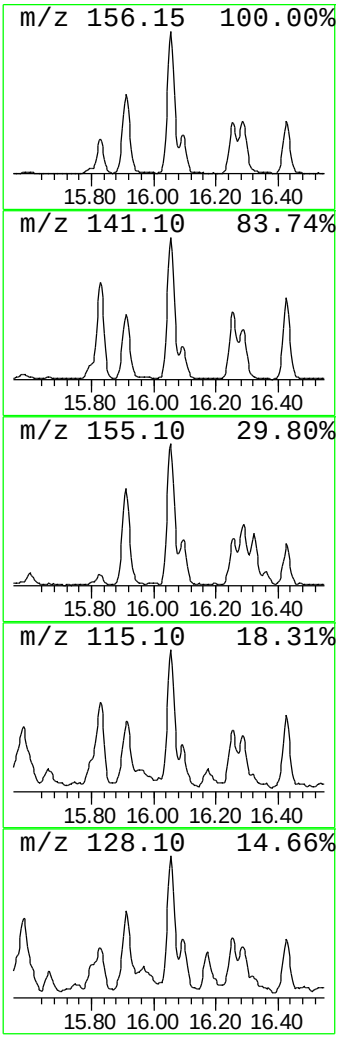
Peak Number 76 Naphthalene, 2,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	5.67 ug/L	1322800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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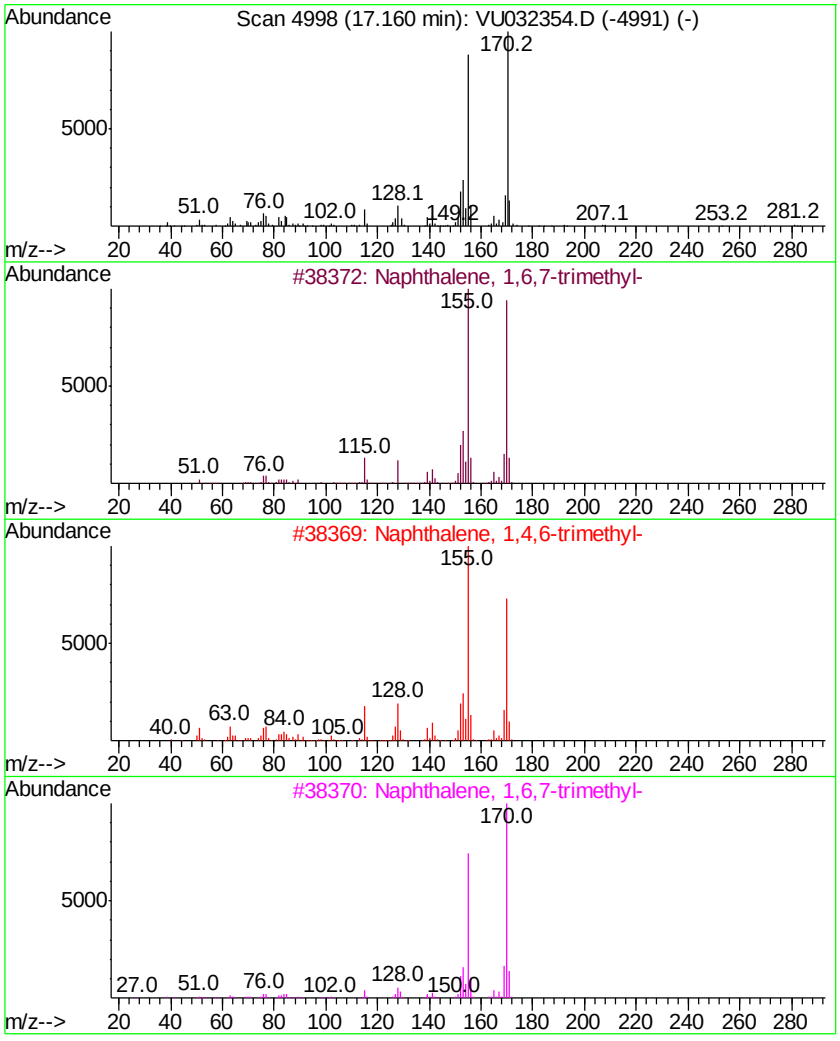
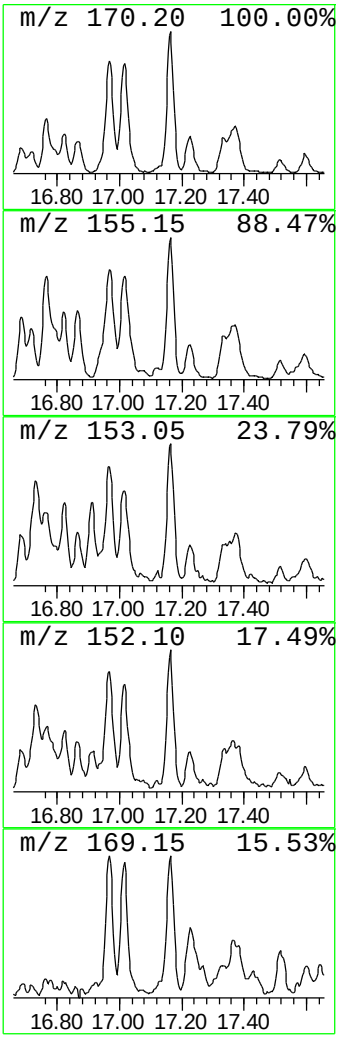
Peak Number 80 Naphthalene, 1,6,7-trimethyl- Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	1.93 ug/L	450203	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
Sample : K3045-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0C47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.75	17.0	ug/L	3125540	1	5.88	921675	5.0
(DEL) Alkane: Str...	2.70	40.3	ug/L	7428660	1	5.88	921675	5.0
(DEL) Alkane: Str...	2.99	17.5	ug/L	3223410	1	5.88	921675	5.0
(DEL) Alkane: Str...	3.84	8.4	ug/L	1557270	1	5.88	921675	5.0
(DEL) Alkane: Str...	3.98	16.9	ug/L	3111440	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	4.08	3.3	ug/L	604083	1	5.88	921675	5.0
(DEL) Alkane: Str...	4.72	14.7	ug/L	2715590	1	5.88	921675	5.0
(DEL) Alkane: Str...	5.07	45.8	ug/L	8433000	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	5.25	7.0	ug/L	1293060	1	5.88	921675	5.0
(DEL) Alkane: Str...	5.48	17.2	ug/L	3175940	1	5.88	921675	5.0
(DEL) Alkane: Str...	5.53	15.0	ug/L	2771610	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	5.61	2.5	ug/L	455417	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	6.39	6.0	ug/L	1107340	1	5.88	921675	5.0
(DEL) Alkane: Str...	6.47	3.2	ug/L	590882	1	5.88	921675	5.0
(DEL) Alkane: Str...	6.53	7.3	ug/L	1344500	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	6.73	8.4	ug/L	1541520	1	5.88	921675	5.0
(DEL) Alkane: Str...	6.92	10.3	ug/L	1891620	1	5.88	921675	5.0
(DEL) Alkane: Str...	7.04	9.8	ug/L	1800100	1	5.88	921675	5.0
(DEL) Alkane: Str...	7.10	2.9	ug/L	539400	1	5.88	921675	5.0
(DEL) Alkane: Str...	7.30	2.3	ug/L	430477	1	5.88	921675	5.0
(DEL) Alkane: Str...	7.37	4.4	ug/L	816980	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	7.44	2.4	ug/L	438933	1	5.88	921675	5.0
(DEL) Alkane: Cyc...	7.70	3.5	ug/L	774814	2	9.09	1102210	5.0
(DEL) Alkane: Cyc...	7.91	4.0	ug/L	884583	2	9.09	1102210	5.0
(DEL) Alkane: Cyc...	8.04	5.0	ug/L	1090780	2	9.09	1102210	5.0
(DEL) Alkane: Cyc...	8.48	1.7	ug/L	383411	2	9.09	1102210	5.0
(DEL) Alkane: Cyc...	9.71	1.9	ug/L	415025	2	9.09	1102210	5.0
Benzene, 1-ethyl-...	10.97	7.4	ug/L	1721250	3	11.48	1165620	5.0
Benzene, (2-methy...	11.29	3.0	ug/L	704167	3	11.48	1165620	5.0
Benzene, 2-propenyl-	11.76	75.1	ug/L	17508400	3	11.48	1165620	5.0
Benzene, 1,2-diet...	11.98	7.8	ug/L	1809510	3	11.48	1165620	5.0
Benzene, 1-methyl...	12.05	15.5	ug/L	3607280	3	11.48	1165620	5.0
Benzene, 2-ethyl-...	12.14	2.3	ug/L	526354	3	11.48	1165620	5.0
Benzene, 4-ethyl-...	12.25	6.3	ug/L	1457380	3	11.48	1165620	5.0
(E)-1-Phenyl-1-bu...	12.28	8.5	ug/L	1977010	3	11.48	1165620	5.0
Benzene, 1-etheny...	12.35	17.1	ug/L	3979220	3	11.48	1165620	5.0
Benzene, 1,4-diet...	12.49	2.9	ug/L	679228	3	11.48	1165620	5.0
Benzene, 1,2,4,5-...	12.65	43.5	ug/L	10132800	3	11.48	1165620	5.0
3,4-Dimethylcumene	12.87	2.0	ug/L	460619	3	11.48	1165620	5.0
2,2-Dimethylinden...	12.92	8.1	ug/L	1891360	3	11.48	1165620	5.0
Benzene, 2-butenyl-	12.96	4.6	ug/L	1068380	3	11.48	1165620	5.0
Benzene, 2-etheny...	13.12	51.5	ug/L	12011000	3	11.48	1165620	5.0
Benzene, 1-methyl...	13.18	4.9	ug/L	1150030	3	11.48	1165620	5.0
Benzene, (1-methy...	13.50	24.1	ug/L	5613340	3	11.48	1165620	5.0
1H-Indene, 2,3-di...	13.57	2.4	ug/L	557831	3	11.48	1165620	5.0
1H-Indene, 2,3-di...	13.60	6.0	ug/L	1387940	3	11.48	1165620	5.0
1H-Indene, 2,3-di...	13.73	2.3	ug/L	535227	3	11.48	1165620	5.0
Naphthalene, 1,2,...	13.85	7.5	ug/L	1753380	3	11.48	1165620	5.0
Benzene, (2-methy...	13.95	10.8	ug/L	2516920	3	11.48	1165620	5.0

2-Ethyl-2,3-dihyd...	14.01	5.9	ug/L	1383970	3	11.48	1165620	5.0
1H-Indene, 2,3-di...	14.15	7.1	ug/L	1648650	3	11.48	1165620	5.0
1H-Indene, 2,3-di...	14.33	10.4	ug/L	2428880	3	11.48	1165620	5.0
Benzene, pentamet...	14.47	5.6	ug/L	1302610	3	11.48	1165620	5.0
Naphthalene, 1-et...	15.83	3.3	ug/L	778989	3	11.48	1165620	5.0
Naphthalene, 1,6-...	15.91	4.0	ug/L	926769	3	11.48	1165620	5.0
Naphthalene, 2,3-...	16.05	5.7	ug/L	1322800	3	11.48	1165620	5.0
Naphthalene, 1,6,...	17.16	1.9	ug/L	450203	3	11.48	1165620	5.0

Instrument :
MSVOA_U
ClientSampleId :
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