LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.610	76	84	97	rVB	438762	517078	6.09%	0.545%
2	1.835	126	154	156	rBV	140224	527264	6.21%	0.556%
3	1.887	165	170	180	rVB	314235	321626	3.79%	0.339%
4	2.562	368	380	393	rBV	741478	1199983	14.13%	1.266%
5	3.083	525	542	558	rVB4	30746	83943	0.99%	0.089%
6	4.459	955	970	987	rVV2	99885	249953	2.94%	0.264%
7	4.690	1026	1042	1076	rVV2	230999	768165	9.04%	0.810%
8	5.105	1153	1171	1197	rBV	652604	1496062	17.61%	1.578%
9	5.398	1248	1262	1275	rVV	171413	364648	4.29%	0.385%
10	5.491	1275	1291	1308	rVB	362486	826800	9.73%	0.872%
11	5.620	1317	1331	1351	rVB2	227153	484199	5.70%	0.511%
12	5.758	1355	1374	1396	rBV2	1433528	3598083	42.36%	3.796%
13	5.880	1401	1412	1414	rVV3	67204	102441	1.21%	0.108%
14	5.928	1415	1427	1443	rVV	677565	1573760	18.53%	1.660%
15	6.015	1446	1454	1466	rVB3	33235	69916	0.82%	0.074%
16	6.163	1486	1500	1511	rBV2	89299	164521	1.94%	0.174%
17	6.285	1522	1538	1572	rBV	1032007	2121234	24.97%	2.238%
18	6.729	1658	1676	1689	rBV	822076	1737352	20.45%	1.833%
19	6.835	1702	1709	1718	rVB2	75432	121565	1.43%	0.128%
20	6.893	1718	1727	1738	rVB3	125587	219769	2.59%	0.232%
21	7.009	1755	1763	1774	rVB2	46875	82906	0.98%	0.087%
22	7.102	1779	1792	1803	rVB3	39232	79423	0.93%	0.084%
23	7.282	1835	1848	1863	rVB	416263	825165	9.71%	0.870%
24	7.407	1875	1887	1896	rBV	279461	557370	6.56%	0.588%
25	7.526	1914	1924	1930	rBV3	67282	110331	1.30%	0.116%
26	7.600	1930	1947	1961	rVV	515910	1004946	11.83%	1.060%
27	7.684	1965	1973	1981	rVV2	112180	165396	1.95%	0.174%
28	7.790	1997	2006	2017	rVB6	32366	61214	0.72%	0.065%
29	7.880	2018	2034	2038	rBV4	72791	176062	2.07%	0.186%
30	7.928	2038	2049	2063	rVB	1701909	3009507	35.43%	3.175%
31	8.047	2077	2086	2092	rBV4	46598	81413	0.96%	0.086%
32	8.214	2126	2138	2156	rVB	361594	693773	8.17%	0.732%
33	8.391	2183	2193	2201	rVV5	58779	113786	1.34%	0.120%
34	8.436	2201	2207	2222	rVB4	40457	80793	0.95%	0.085%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Title : VOC Analysis

35	8.681	2269	2283	2305	rBV	1107066	2053243	24.17%	2.166%
36	9.092	2395	2411	2421	rBV	24011	60442	0.71%	0.064%
37	9.237	2448	2456	2467	rVB3	88742	151715	1.79%	0.160%
38	9.359	2481	2494	2505	rBV	84512	139413	1.64%	0.147%
39	9.449	2505	2522	2538	rBV	1519001	2665709	31.38%	2.812%
40	9.597	2556	2568	2581	rBV3	102903	194277	2.29%	0.205%
41	9.722	2595	2607	2616	rBV2	107652	197971	2.33%	0.209%
42	10.044	2698	2707	2716	rBV5	34403	67336	0.79%	0.071%
43	10.131	2726	2734	2744	rBV2	40599	63057	0.74%	0.067%
44	10.272	2763	2778	2791	rBV6	25181	72557	0.85%	0.077%
45	10.510	2837	2852	2865	rBV	206752	341477	4.02%	0.360%
46	10.690	2898	2908	2924	rVB2	60955	133234	1.57%	0.141%
47	10.787	2925	2938	2953	rBV	1321083	2151219	25.32%	2.269%
48	10.931	2971	2983	2996	rVB	1047515	1639772	19.30%	1.730%
49	11.021	3000	3011	3015	rBV	1075472	1629679	19.18%	1.719%
50	11.111	3029	3039	3066	rVB	651934	1059708	12.47%	1.118%
51	11.314	3090	3102	3120	rBV	1292622	2080671	24.49%	2.195%
52	11.491	3145	3157	3171	rVB	5575478	8494713	100.00%	8.961%
53	11.632	3192	3201	3206	rBV	176936	270968	3.19%	0.286%
54	11.664	3206	3211	3222	rVB	211242	309985	3.65%	0.327%
55	11.764	3233	3242	3251	rBV	206340	303684	3.57%	0.320%
56	11.835	3251	3264	3277	rVB	1768352	2935873	34.56%	3.097%
57	11.918	3277	3290	3300	rBV	979077	1513760	17.82%	1.597%
58	12.028	3317	3324	3337	rVB5	35821	62503	0.74%	0.066%
59	12.121	3337	3353	3357	rBV3	1286455	2050672	24.14%	2.163%
60	12.214	3369	3382	3398	rVB5	3258011	6690841	78.76%	7.058%
61	12.324	3405	3416	3428	rBV3	179709	305047	3.59%	0.322%
62	12.398	3428	3439	3455	rVB	734883	1177325	13.86%	1.242%
63	12.484	3455	3466	3471	rBV	1456057	2234586	26.31%	2.357%
64	12.517	3471	3476	3487	rVB	1370708	1966017	23.14%	2.074%
65	12.590	3487	3499	3508	rBV	2358911	3640511	42.86%	3.841%
66	12.632	3508	3512	3523	rVB	267679	368976	4.34%	0.389%
67	12.703	3523	3534	3562	rBV2	771788	1633125	19.23%	1.723%
68	12.828	3565	3573	3580	rVB3	57020	94015	1.11%	0.099%
69	12.896	3583	3594	3605	rVB	528822	818961	9.64%	0.864%
70	12.992	3605	3624	3632	rBV	1398988	2249398	26.48%	2.373%
71	13.044	3632	3640	3655	rVB	1837217	2814571	33.13%	2.969%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Title : VOC Analysis

72	13.124	3655	3665	3670	rBV	240339	381680	4.49%	0.403%
73	13.240	3696	3701	3706	rBV2	45633	56923	0.67%	0.060%
74	13.311	3706	3723	3733	rVV3	1074092	1826206	21.50%	1.927%
75	13.369	3734	3741	3749	rVB3	168479	249705	2.94%	0.263%
76	13.426	3749	3759	3764	rBV3	236574	429282	5.05%	0.453%
77	13.471	3764	3773	3787	rVV3	1768593	3301972	38.87%	3.483%
78	13.536	3788	3793	3800	rVV4	160520	275345	3.24%	0.290%
79	13.578	3800	3806	3818	rVV	212478	354713	4.18%	0.374%
80	13.645	3818	3827	3839	rVB4	218927	369407	4.35%	0.390%
81	13.751	3849	3860	3867	rBV2	198236	335746	3.95%	0.354%
82	13.803	3867	3876	3884	rVV	369226	652986	7.69%	0.689%
83	13.854	3884	3892	3908	rVV4	489887	1145153	13.48%	1.208%
84	13.928	3909	3915	3918	rVV	137182	191633	2.26%	0.202%
85	13.960	3919	3925	3941	rVB2	286839	636196	7.49%	0.671%
86	14.105	3959	3970	3988	rVB	606472	1033979	12.17%	1.091%
87	14.208	3994	4002	4015	rVB3	113770	220925	2.60%	0.233%
88	14.304	4019	4032	4042	rBV4	223087	427928	5.04%	0.451%
89	14.362	4043	4050	4060	rVB2	152992	237285	2.79%	0.250%
90	14.504	4084	4094	4108	rVB	327602	508413	5.99%	0.536%
91	14.687	4140	4151	4165	rBV3	289145	654520	7.71%	0.690%
92	14.825	4185	4194	4206	rBV2	118691	213168	2.51%	0.225%
93	14.893	4206	4215	4225	rVB2	191638	306210	3.60%	0.323%
94	15.034	4250	4259	4269	rBV3	73653	128259	1.51%	0.135%
95	15.237	4313	4322	4335	rVB	374943	641565	7.55%	0.677%
96	15.362	4351	4361	4368	rBV6	29971	54293	0.64%	0.057%
97	15.426	4369	4381	4393	rBV	919996	1487756	17.51%	1.569%
98	16.272	4635	4644	4667	rVB3	89367	173975	2.05%	0.184%
99	16.423	4681	4691	4698	rBV2	114420	192185	2.26%	0.203%
100	16.458	4698	4702	4711	rVB3	54181	77344	0.91%	0.082%

Sum of corrected areas: 94792210

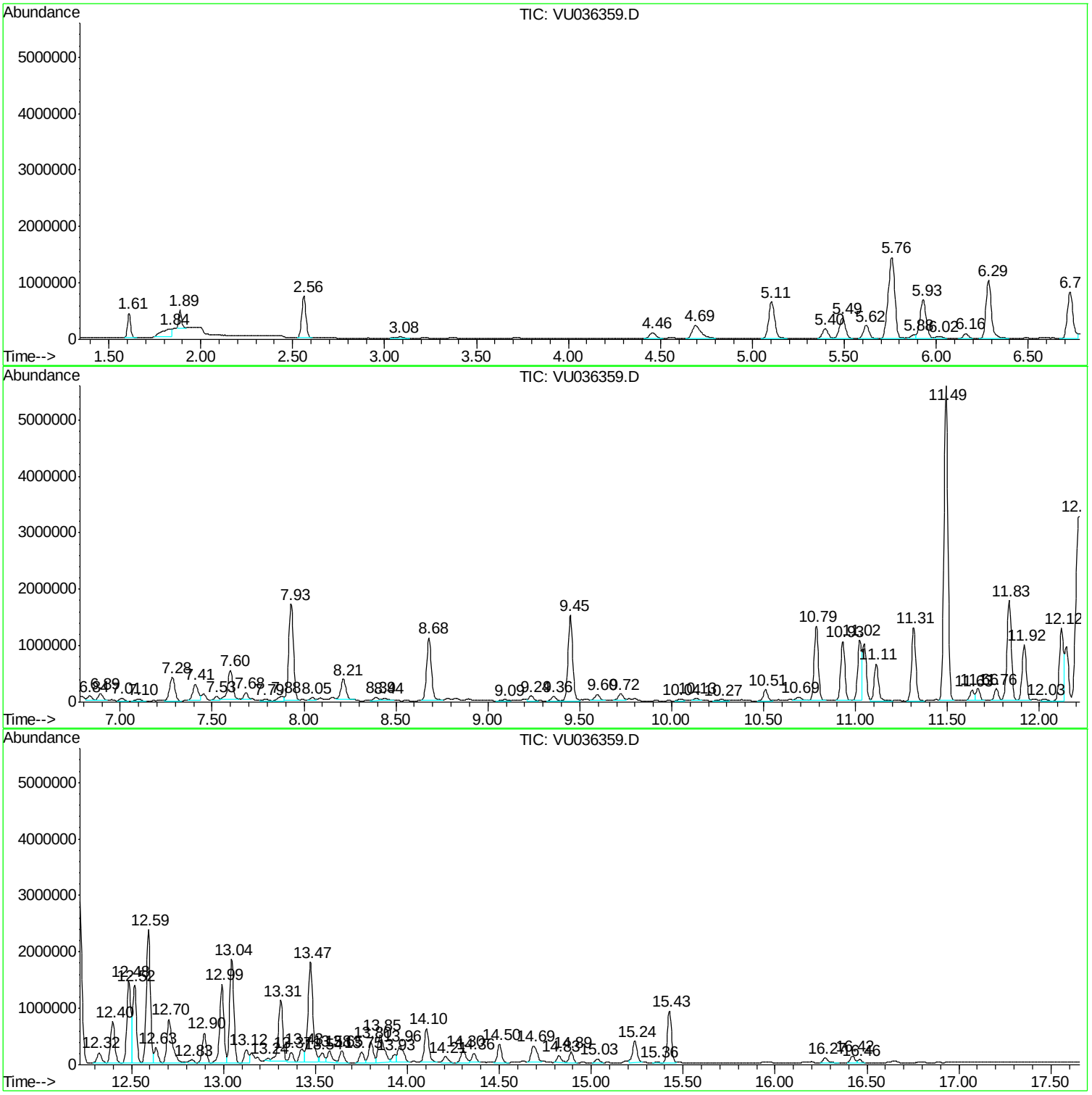
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

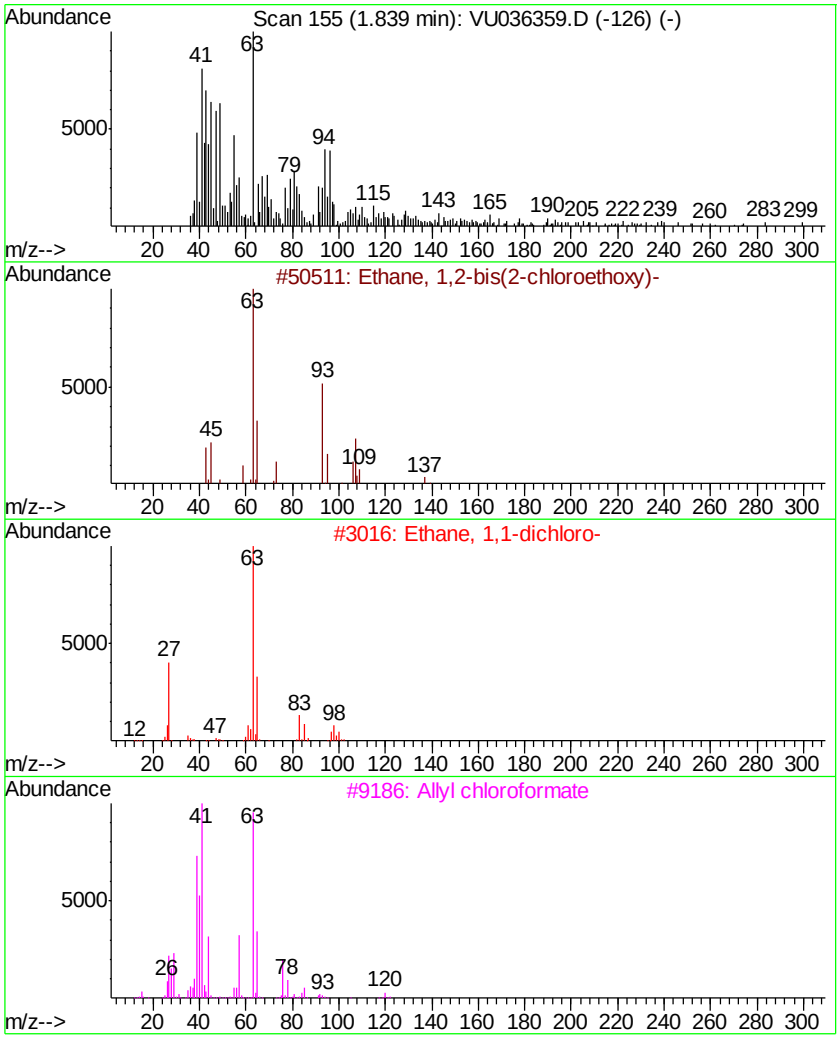
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

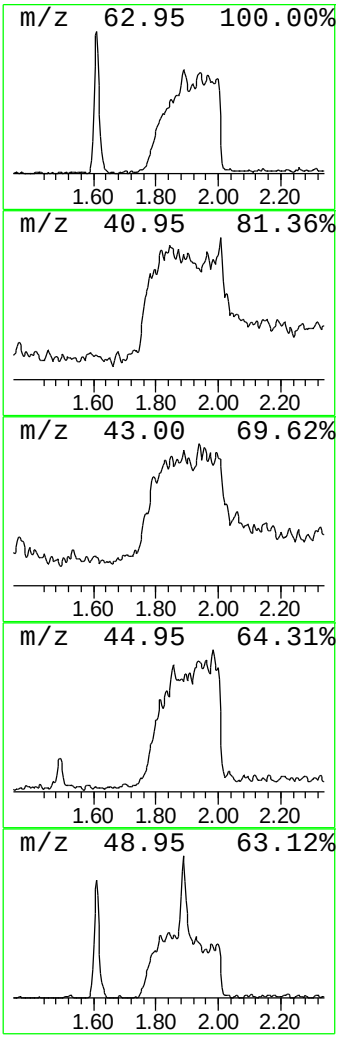
****

Peak Number 1 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	12.43 ug/L	527264	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	37
2	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	35
3	Allyl chloroformate	120	C4H5ClO2	002937-50-0	32
4	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	32
5	Carbonic acid, 6-chlorohexyl pro...	222	C10H19ClO3	1000331-38-8	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

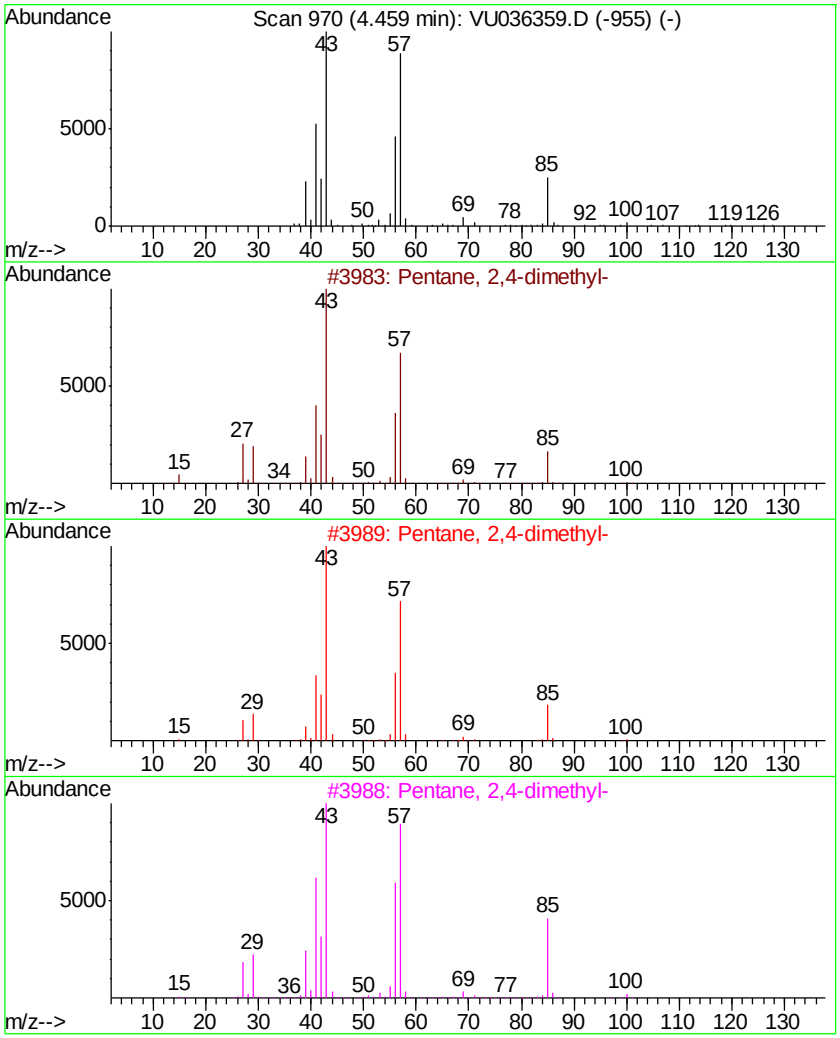
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

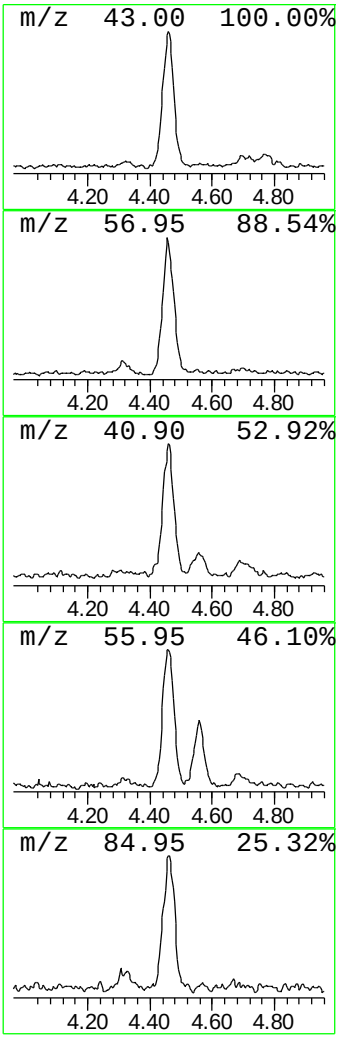
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	5.89 ug/L	249953	1,4-Difluorobenzene	6.29

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	81
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

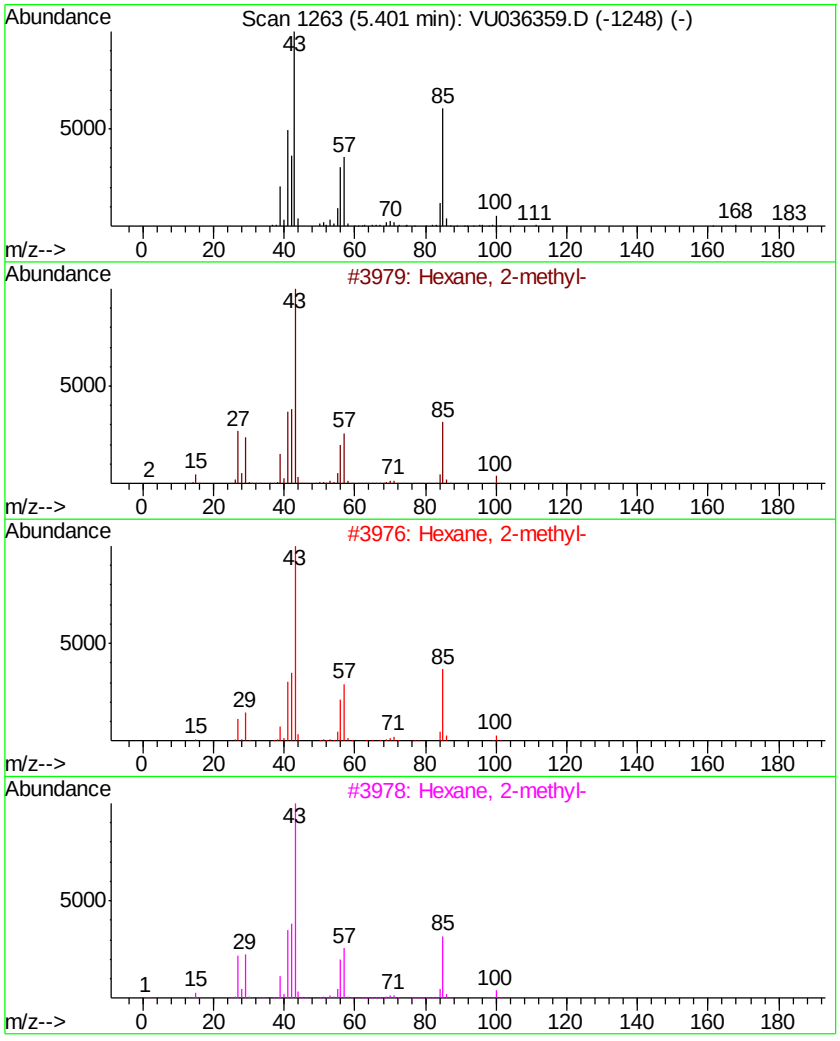
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

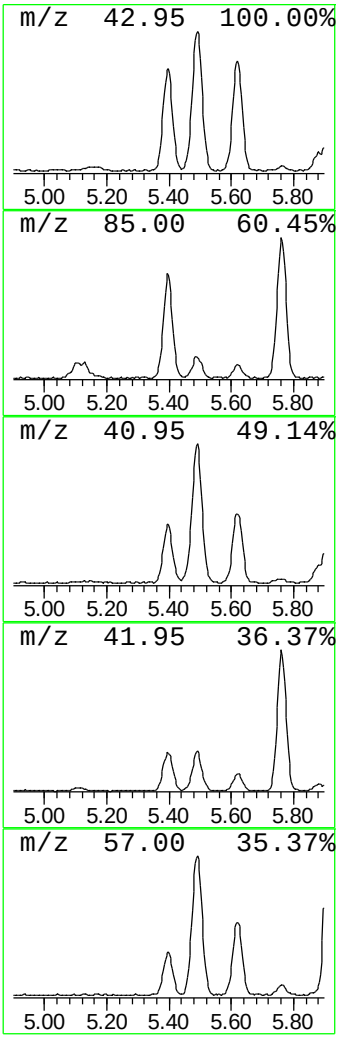
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	8.60 ug/L	364648	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	91
4	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	59
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

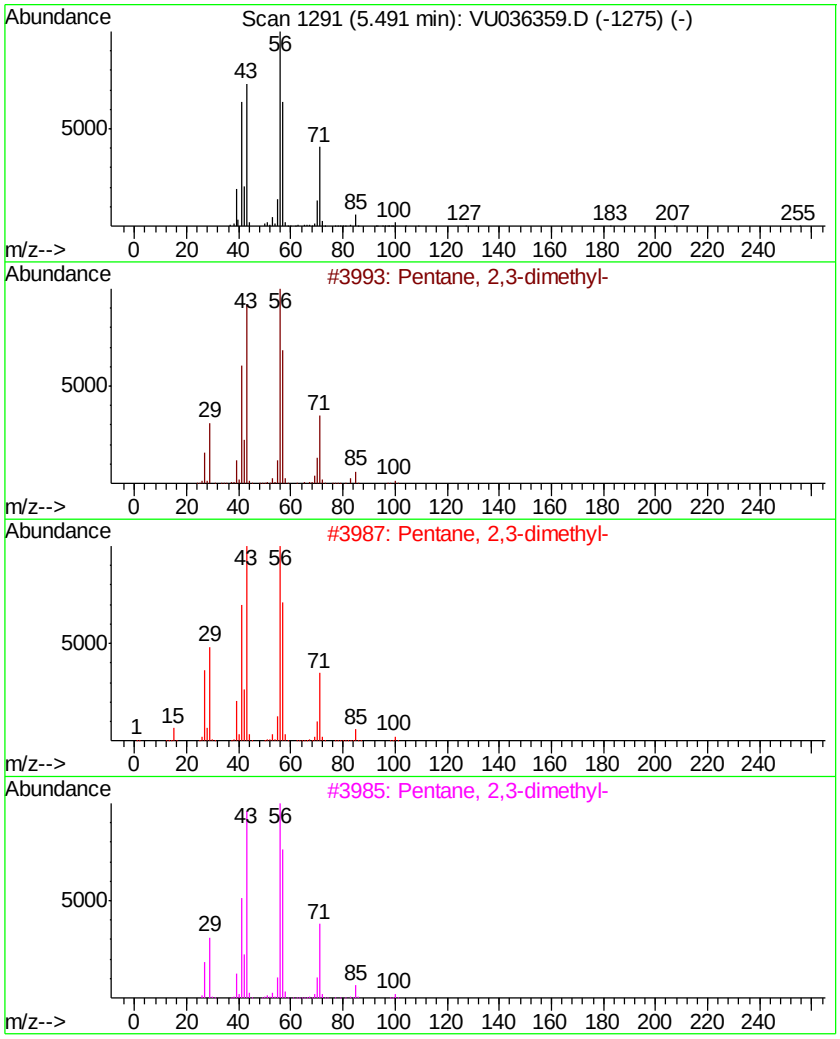
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

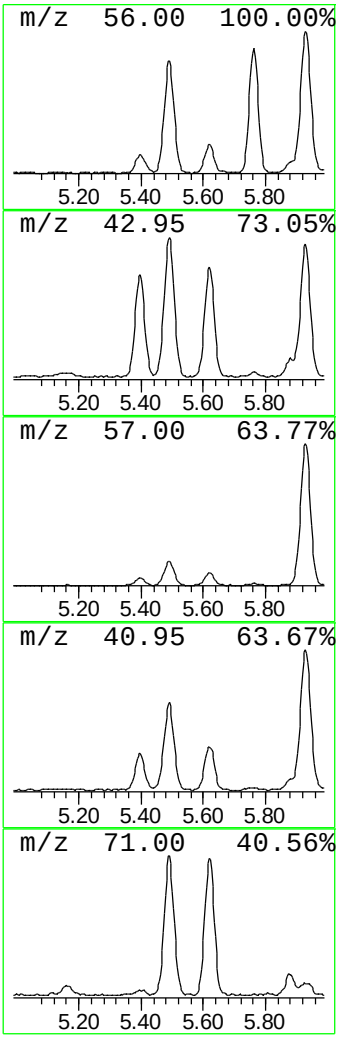
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	19.49 ug/L	826800	1,4-Difluorobenzene	6.29

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	90
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	52
5	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

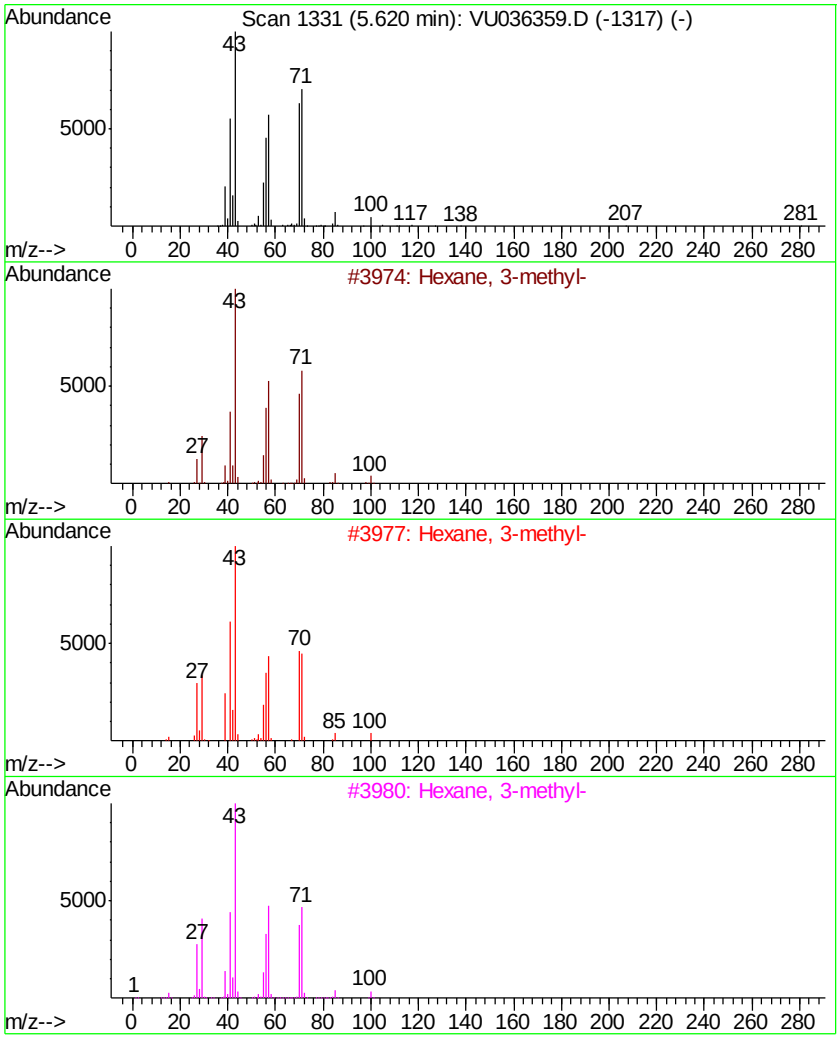
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

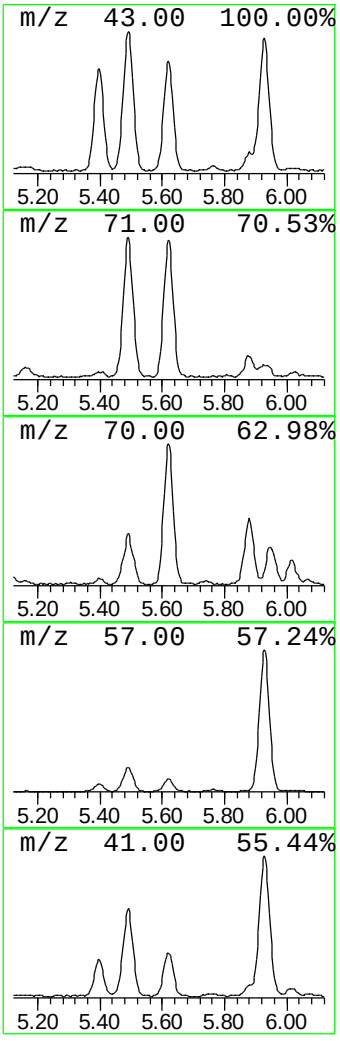
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	11.41 ug/L	484199	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

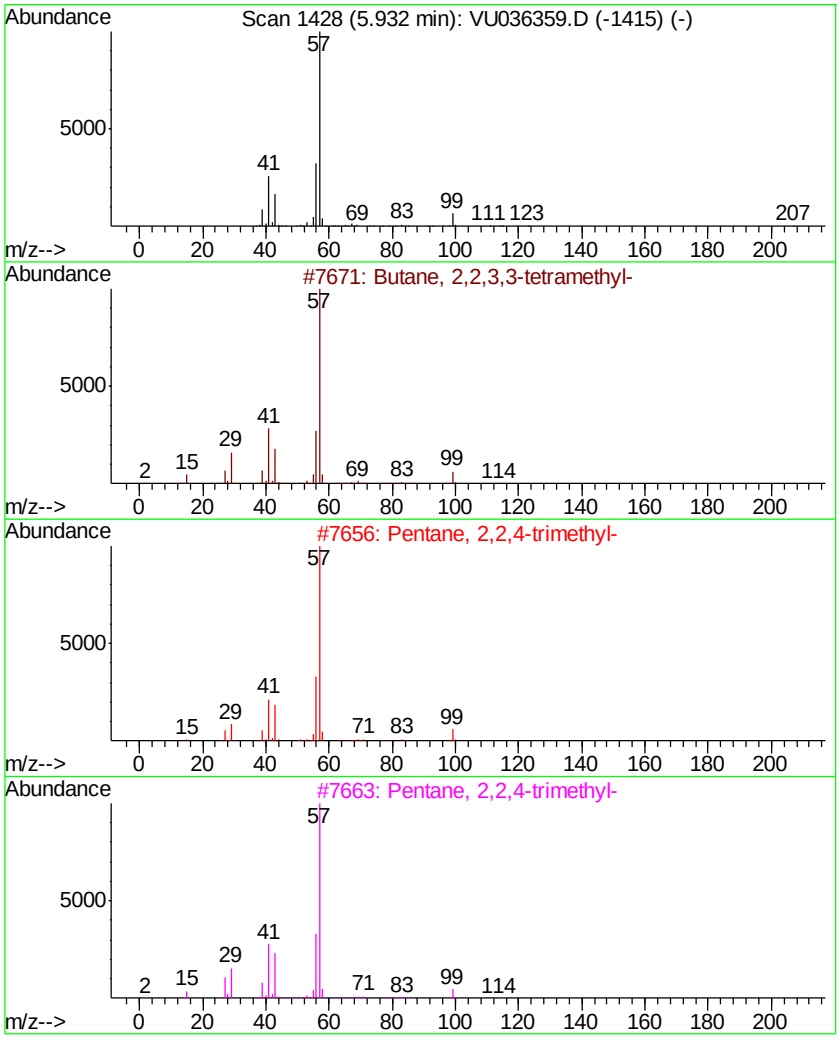
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

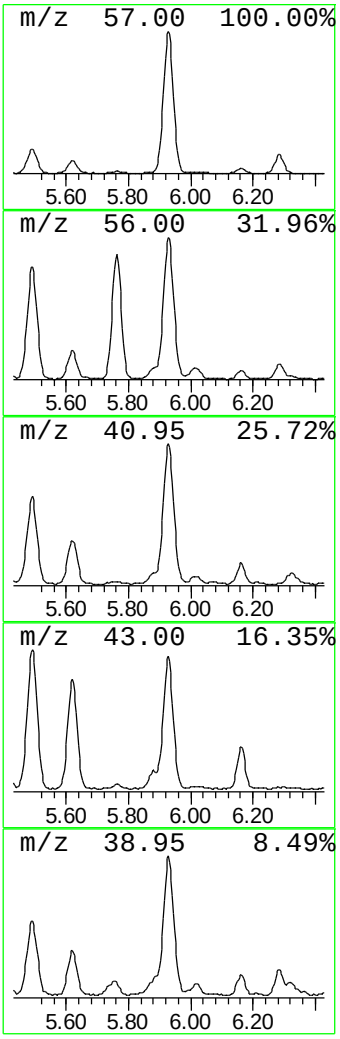
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	37.10 ug/L	1573760	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

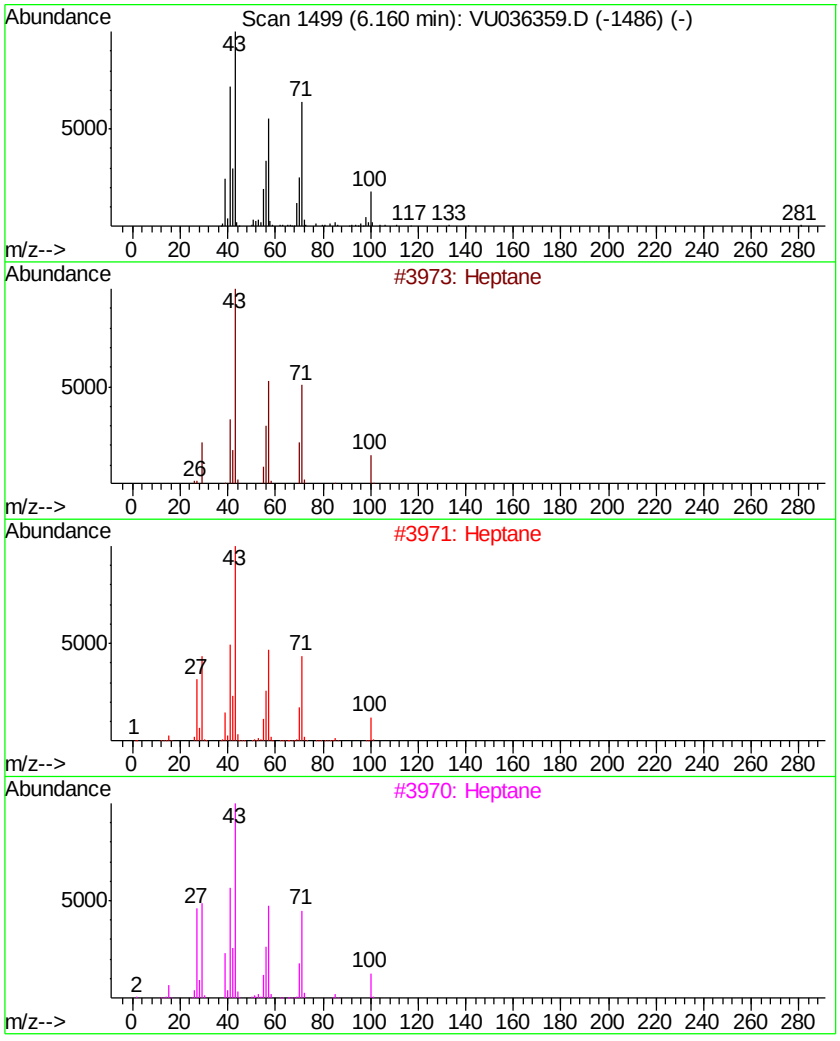
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

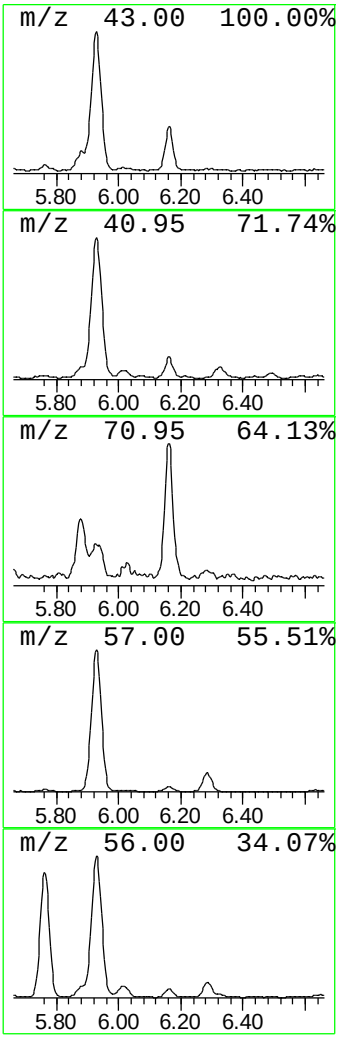
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	3.88 ug/L	164521	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	83
2	Heptane	100	C7H16	000142-82-5	81
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	58
5	Hexanoyl chloride	134	C6H11ClO	000142-61-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

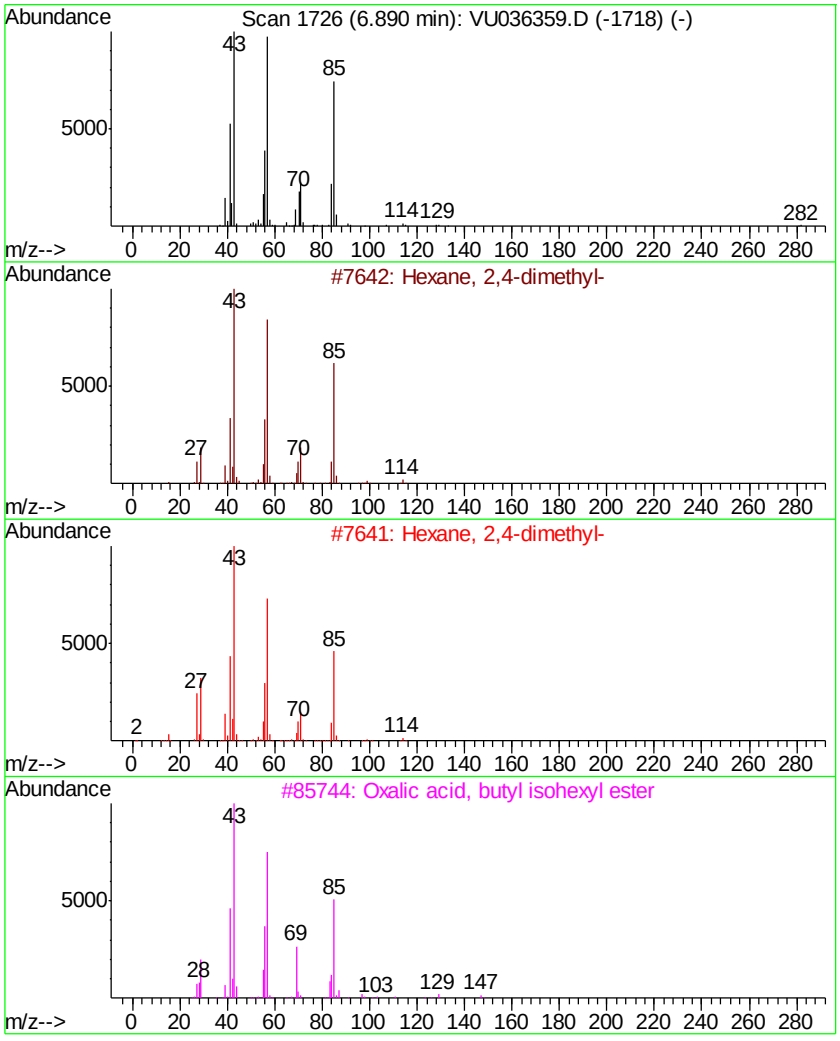
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

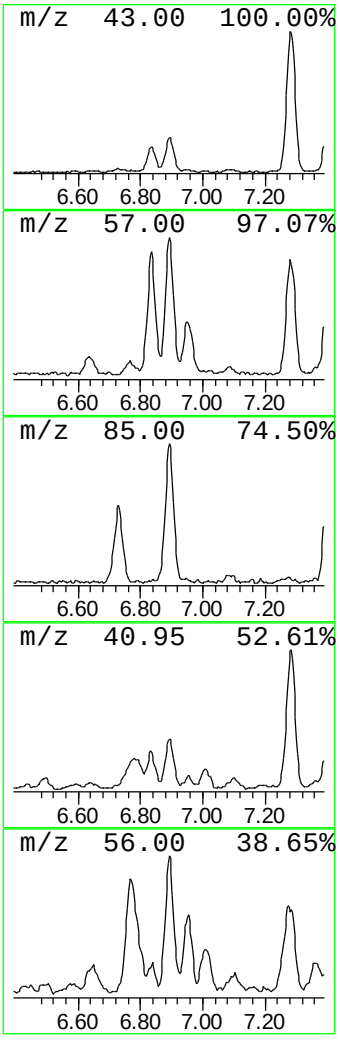
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	5.18 ug/L	219769	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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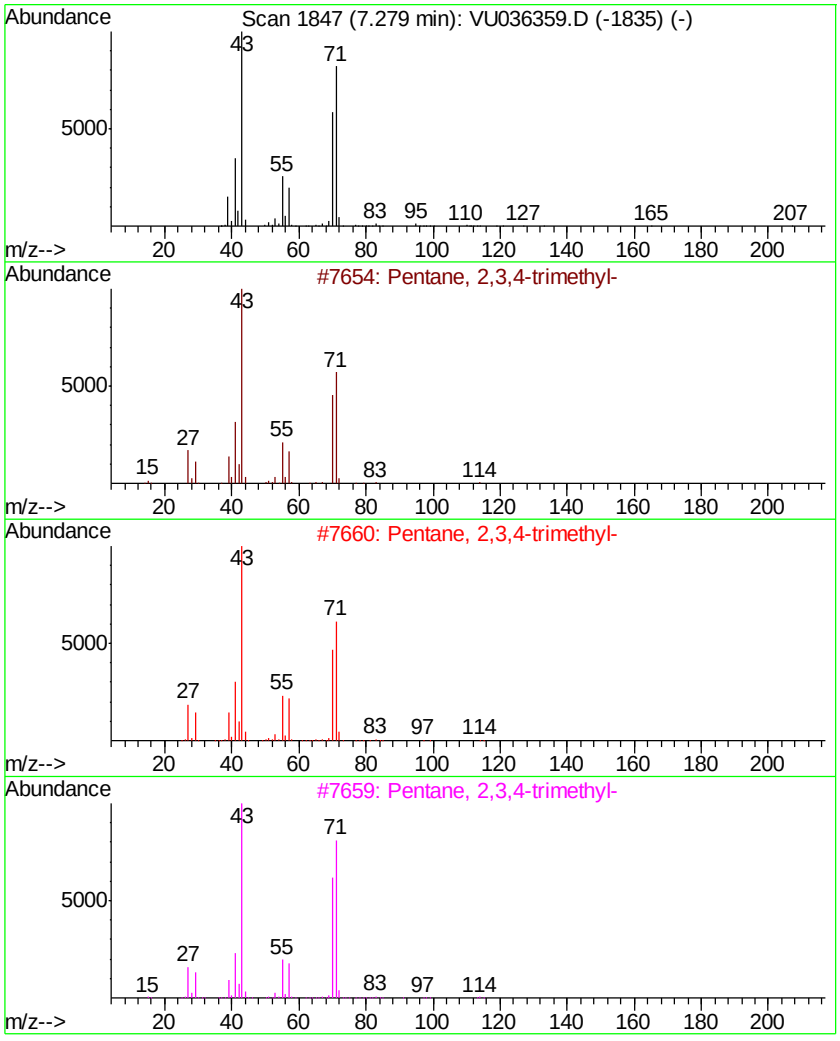
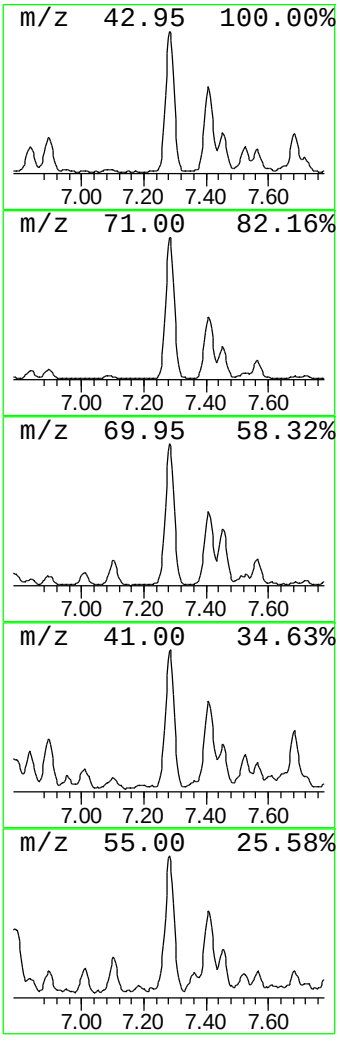
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	19.45 ug/L	825165	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

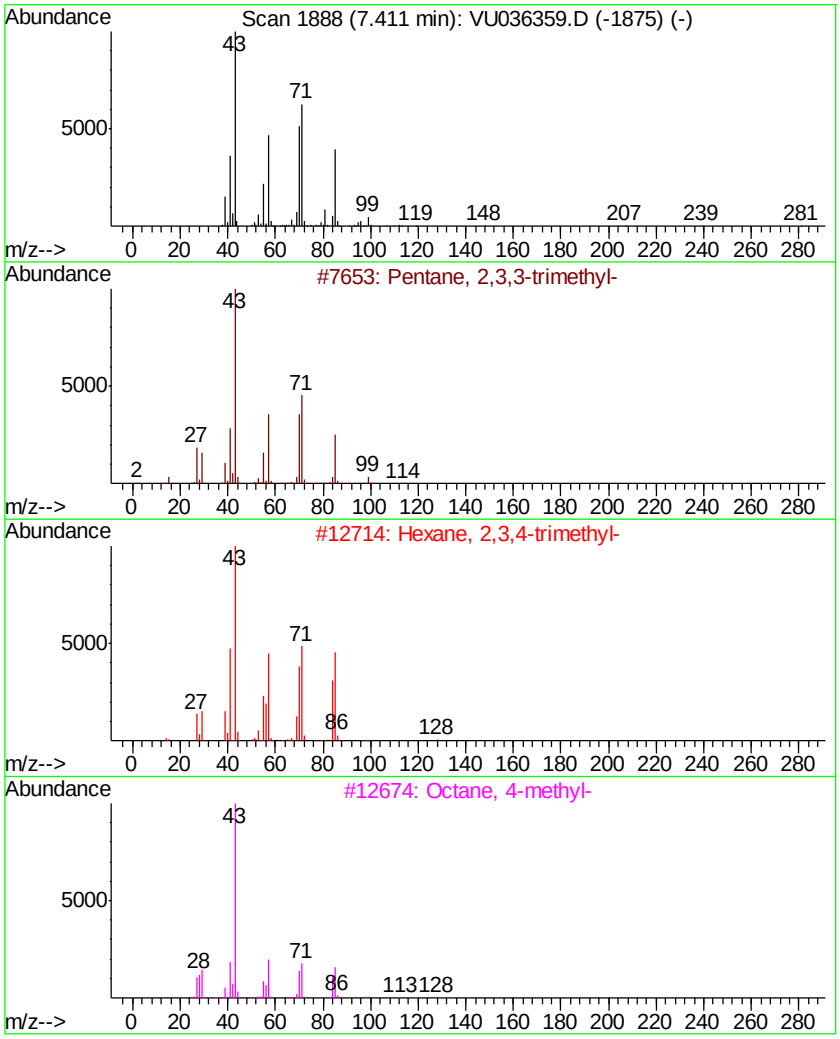
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

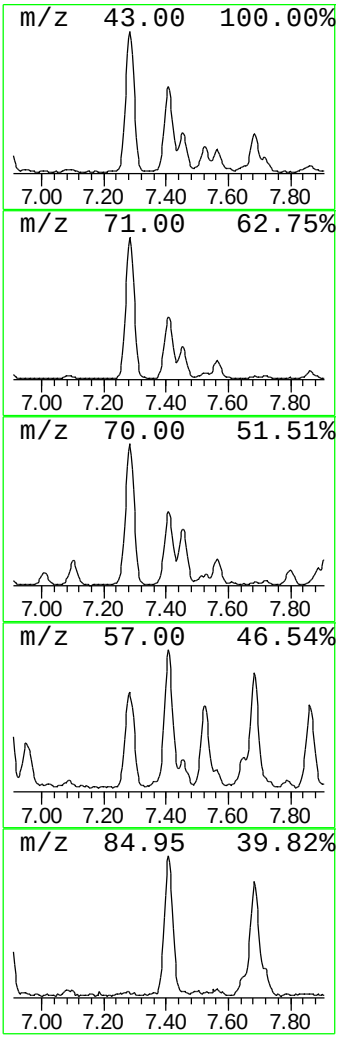
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	13.14 ug/L	557370	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
3	Octane, 4-methyl-	128	C9H20	002216-34-4	78
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

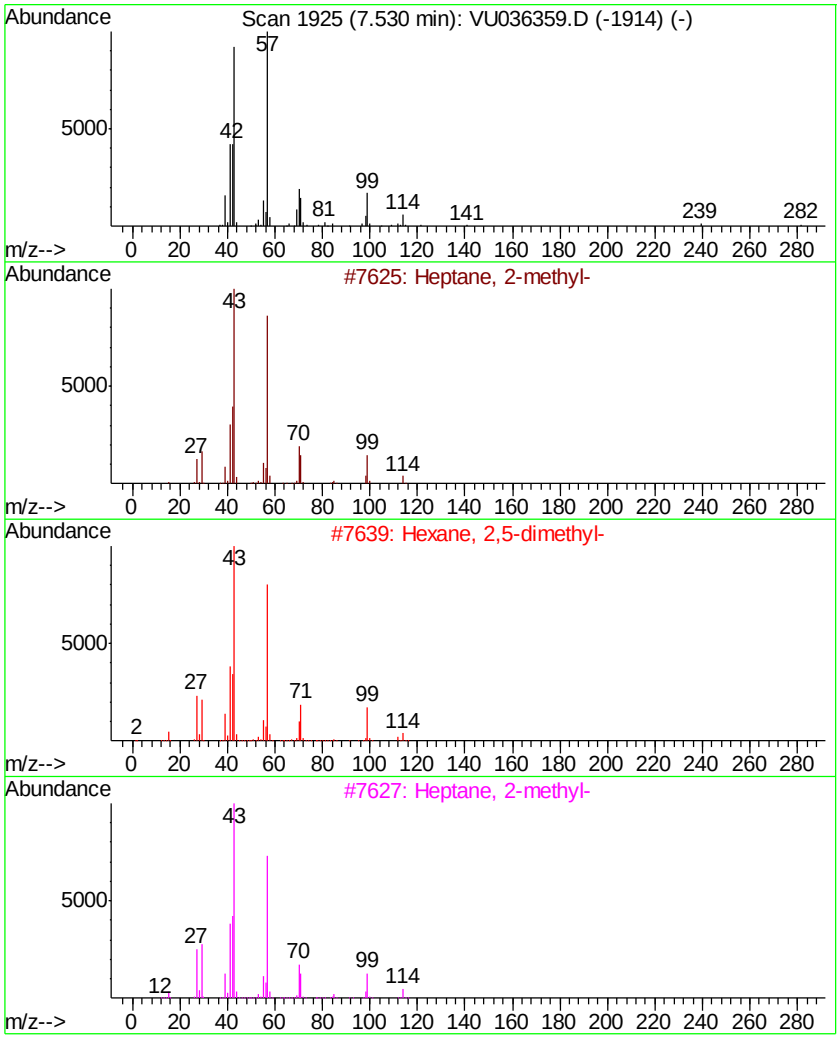
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

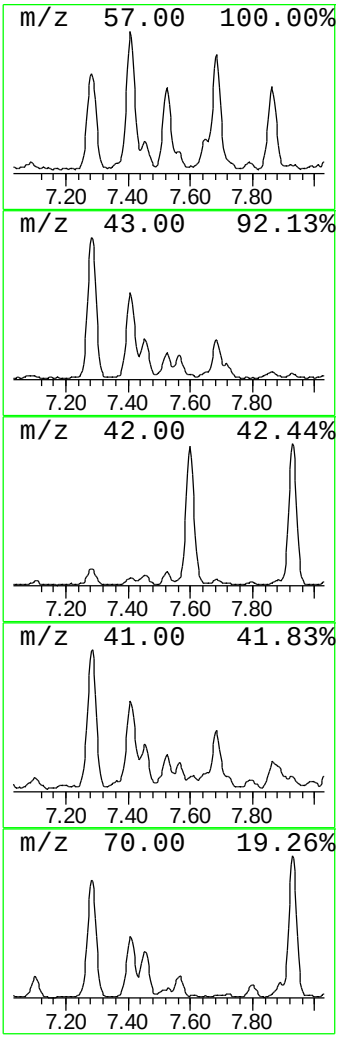
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.60 ug/L	110331	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

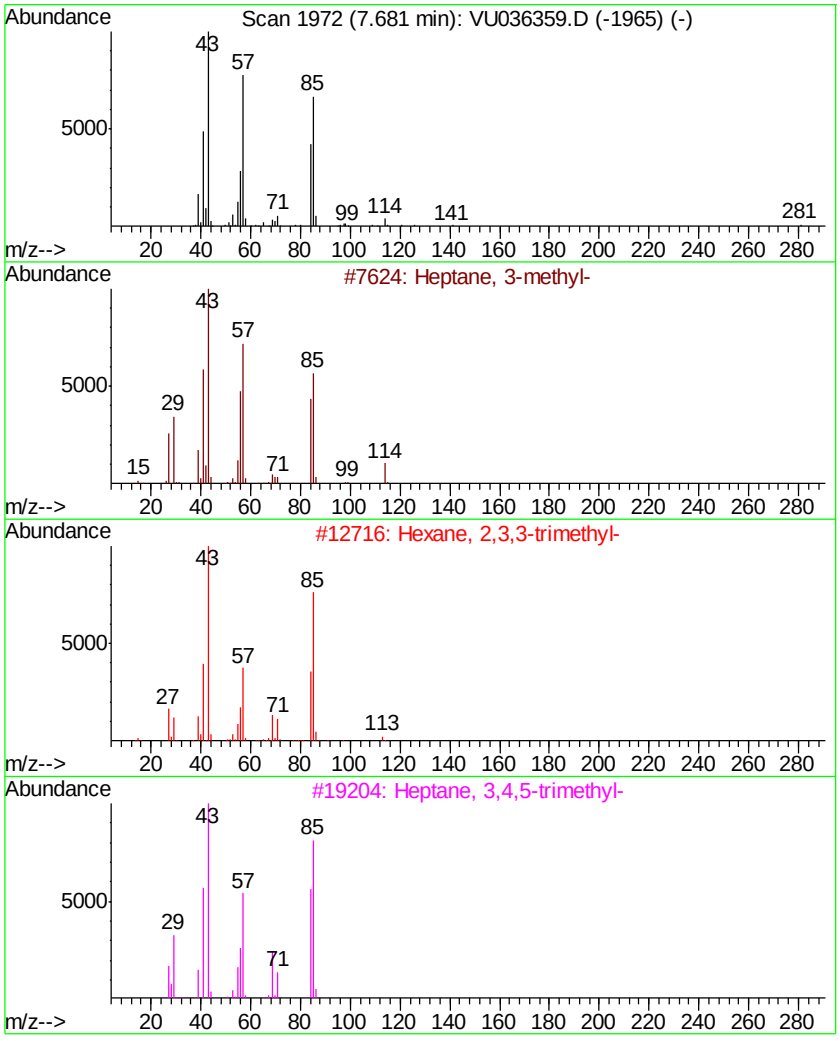
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

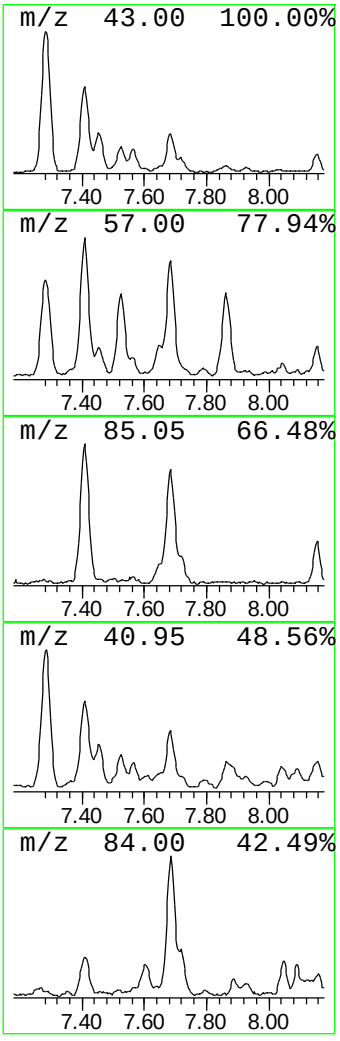
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.90 ug/L	165396	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	62
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

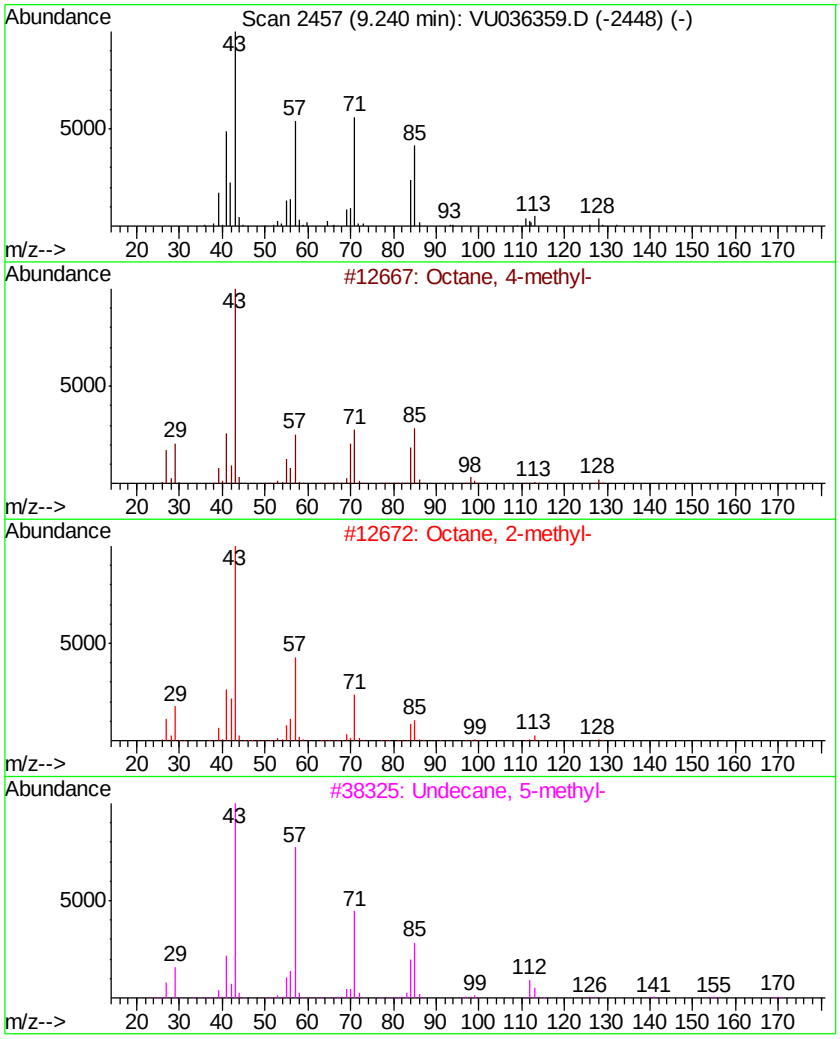
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

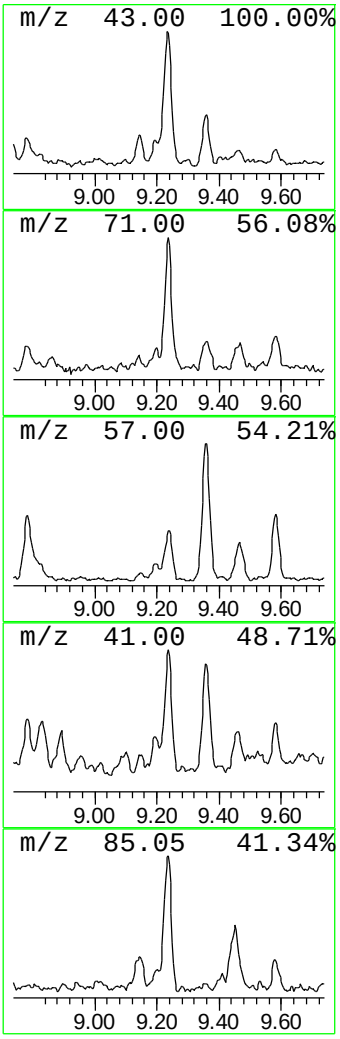
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.85 ug/L	151715	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

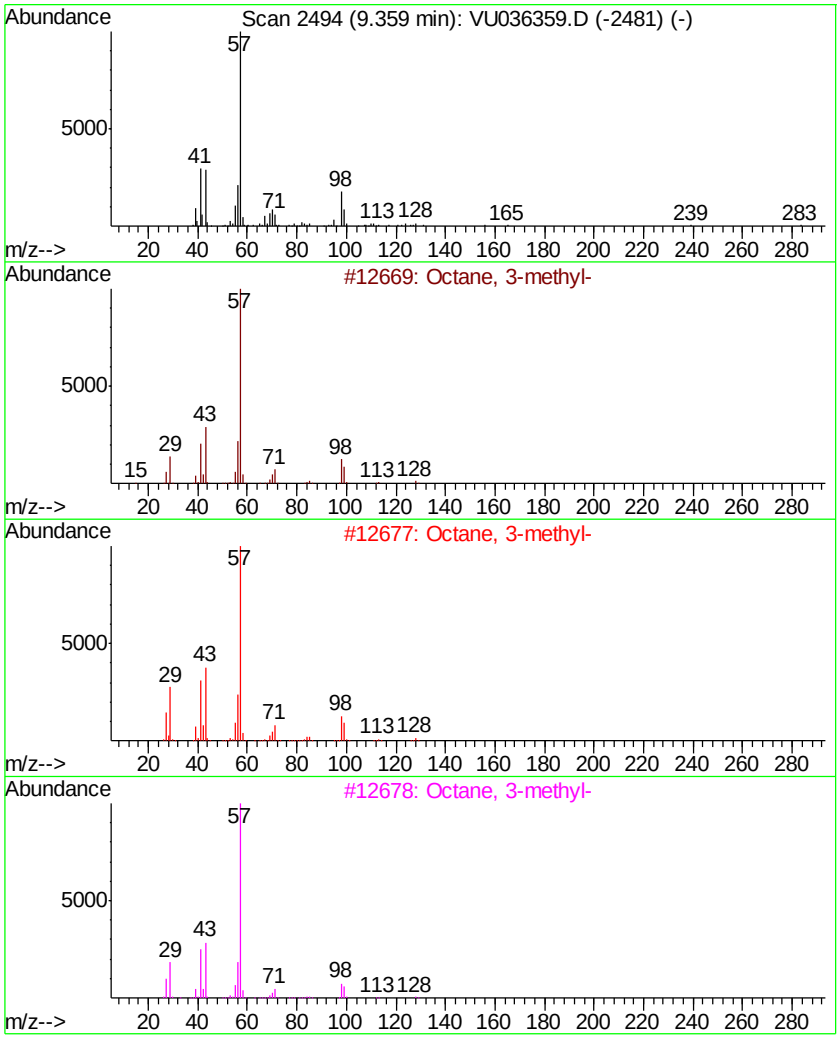
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

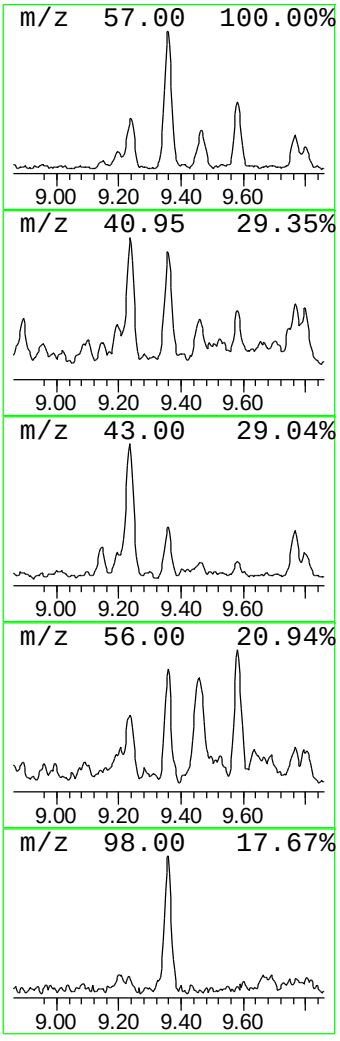
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.61 ug/L	139413	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	81
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	64
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

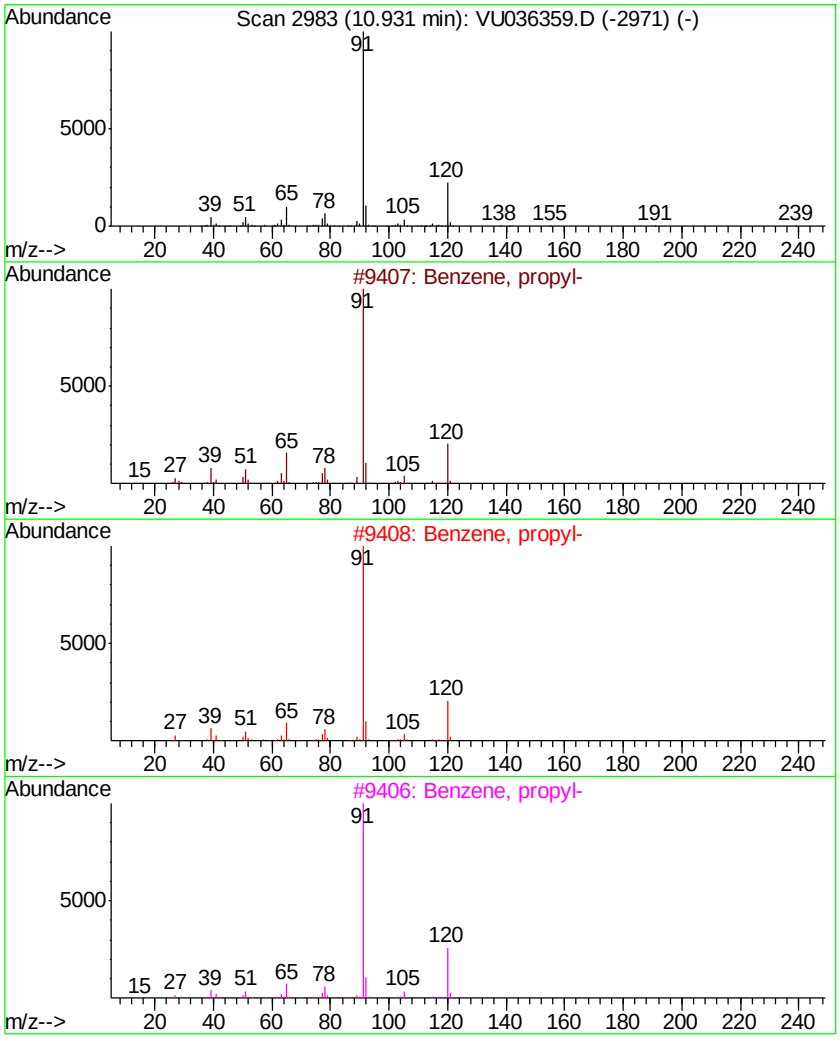
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

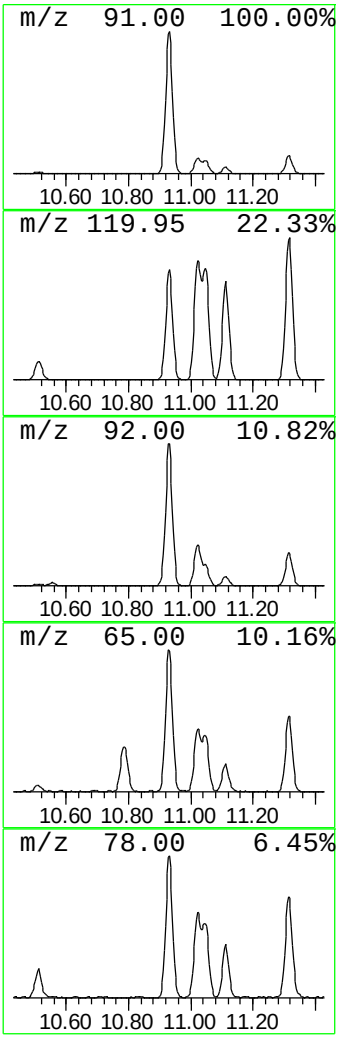
****

Peak Number 16 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	27.93 ug/L	1639770	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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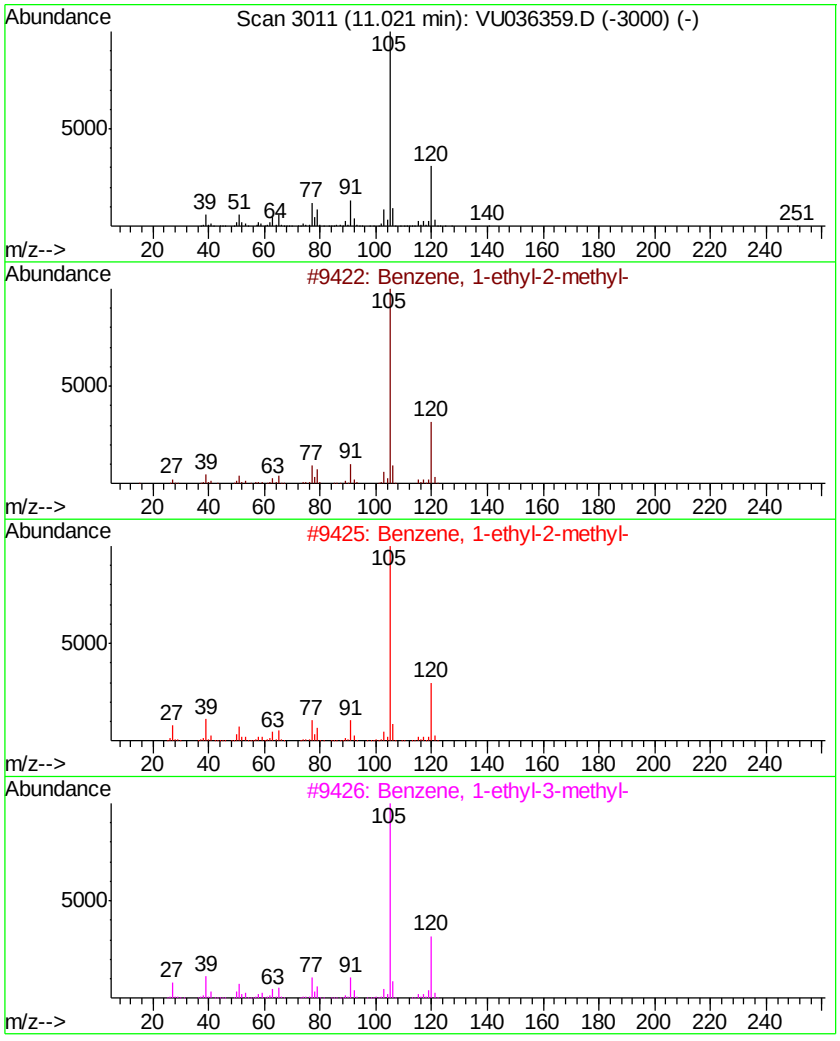
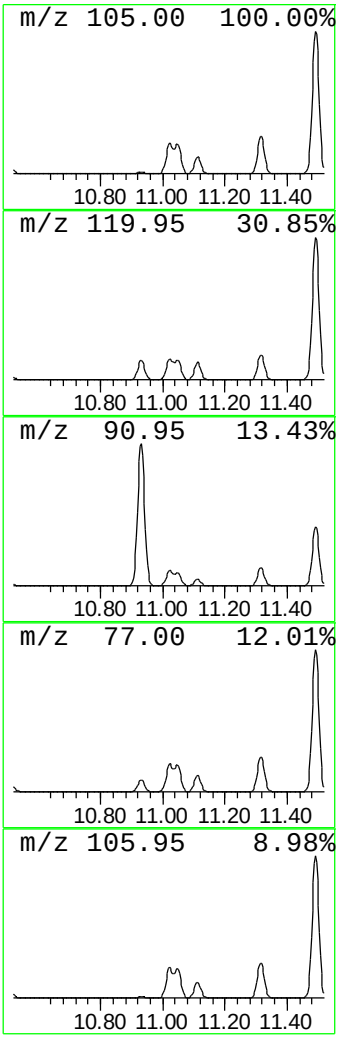
Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	27.75 ug/L	1629680	1,4-Dichlorobenzene-d4	11.83

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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

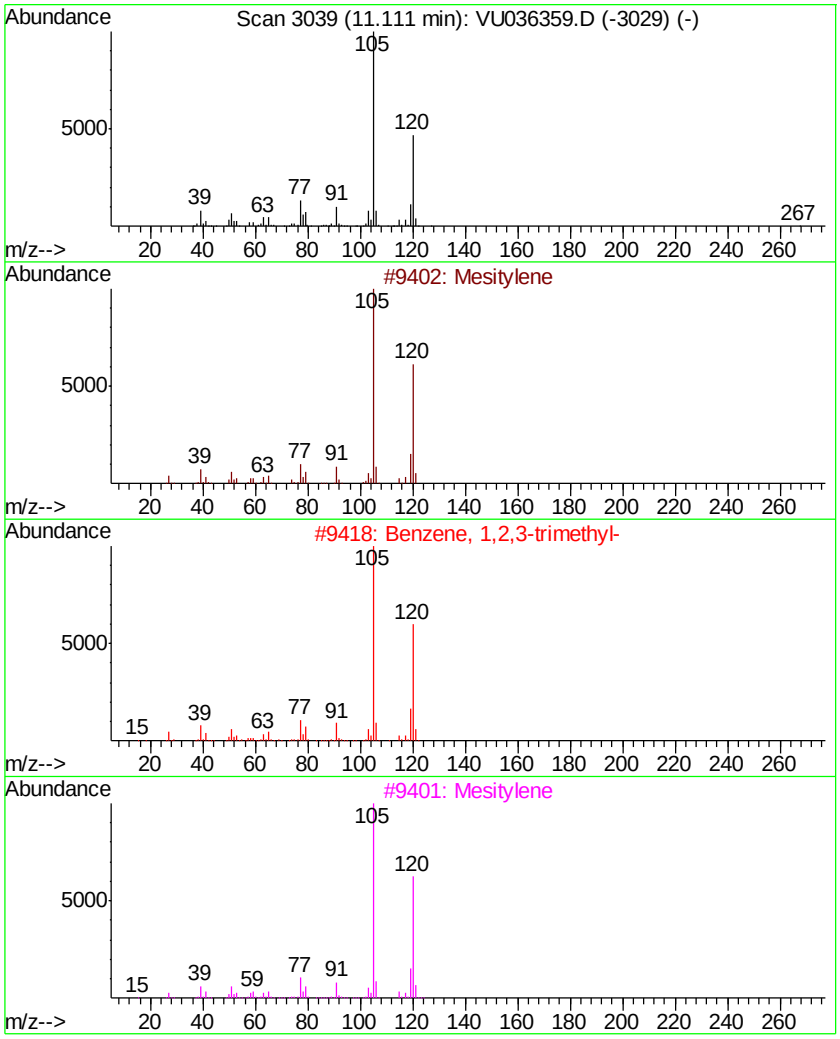
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

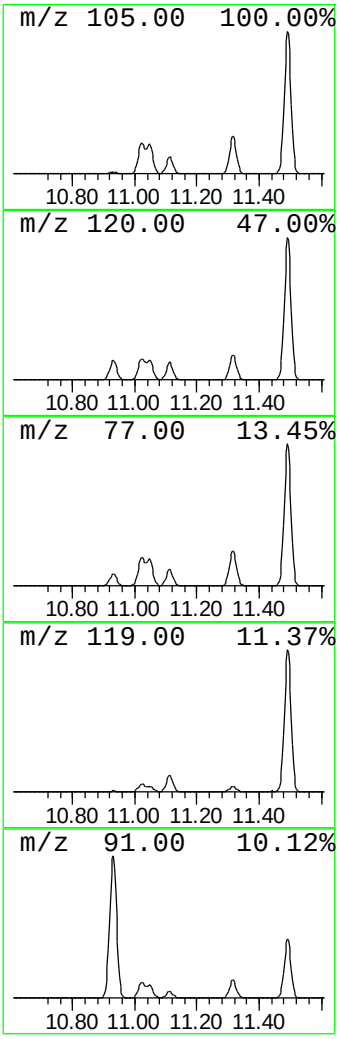
****

Peak Number 18 Mesitylene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	18.05 ug/L	1059710	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

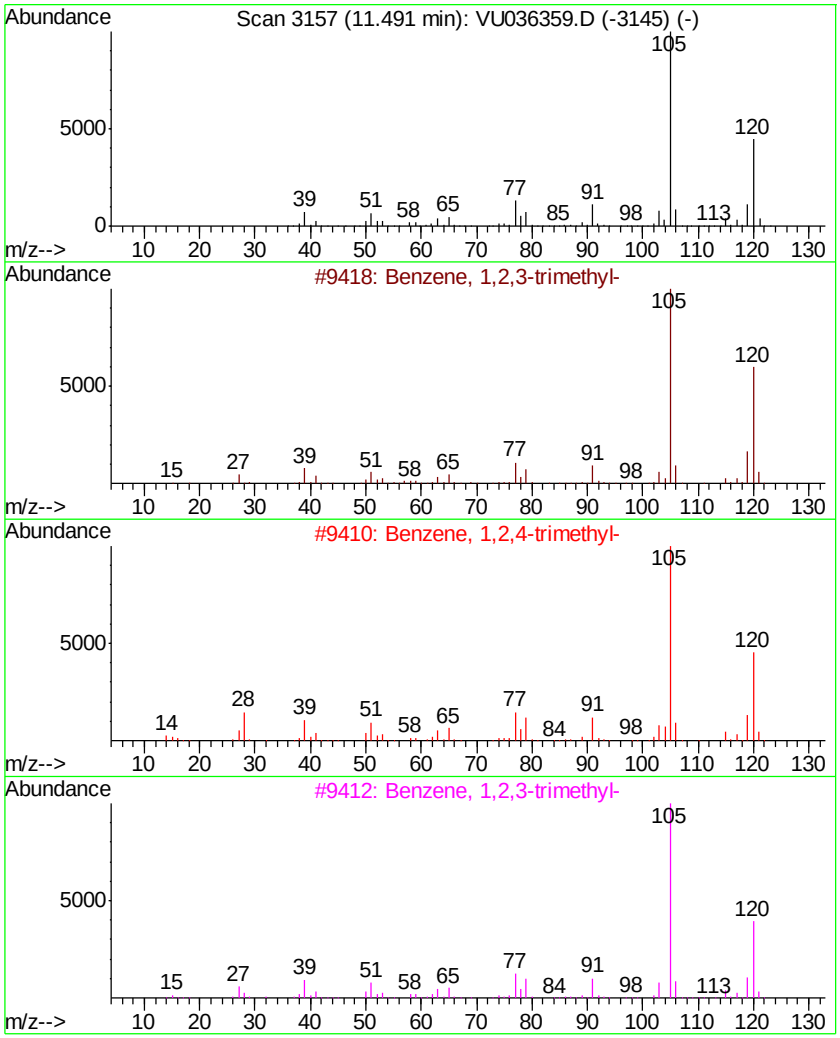
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

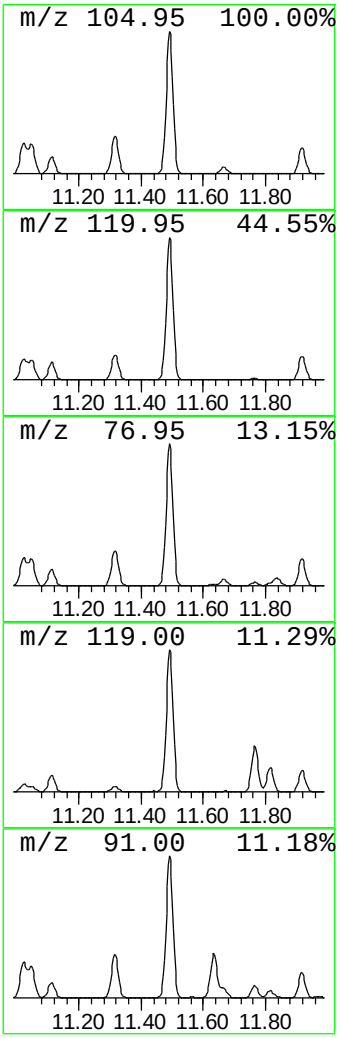
****

Peak Number 20 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	144.67 ug/L	8494710	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

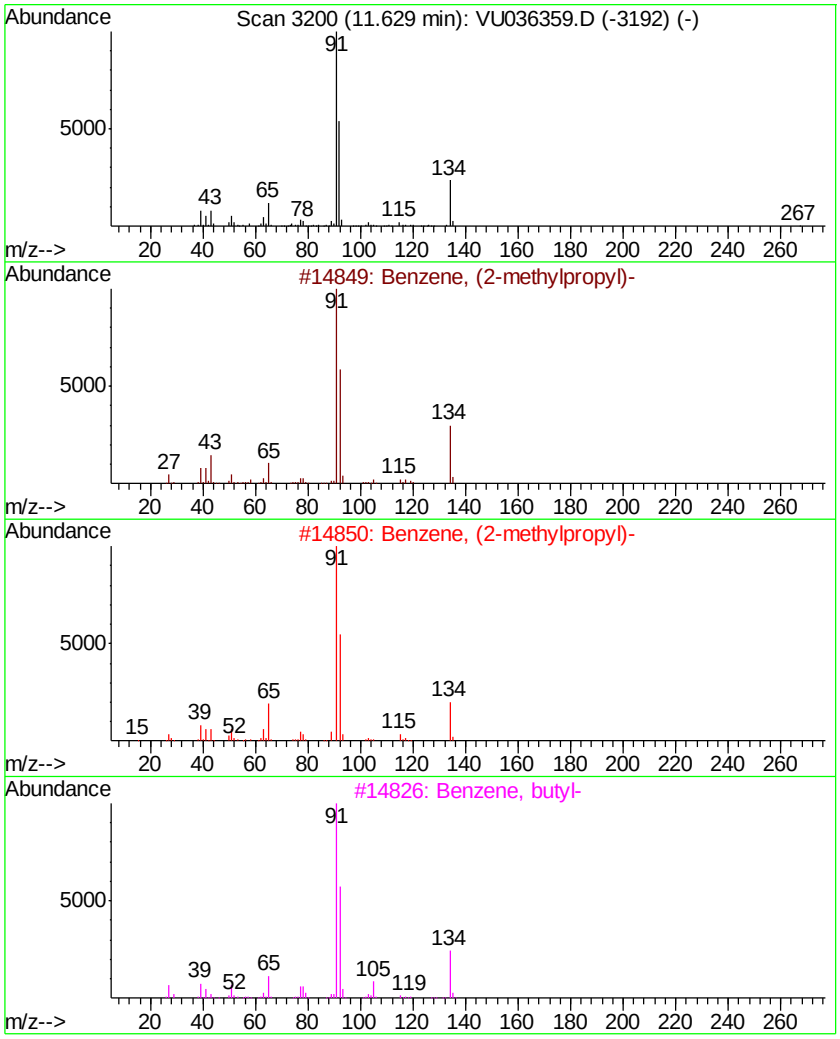
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

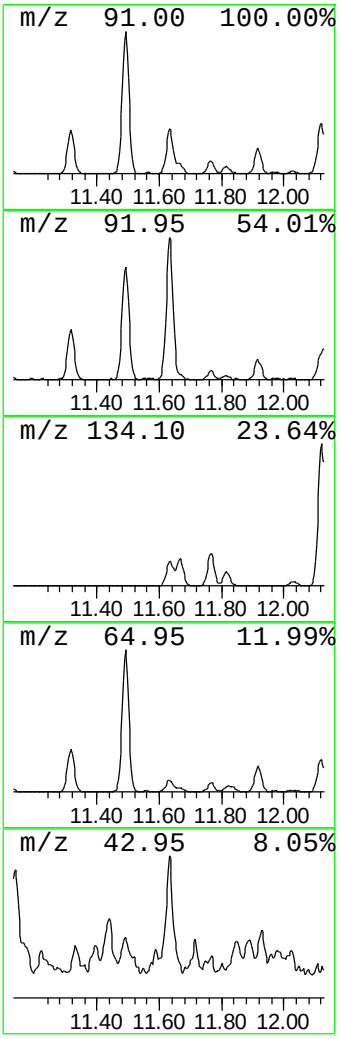
****

Peak Number 21 Benzene, (2-methylpropyl)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.61 ug/L	270968	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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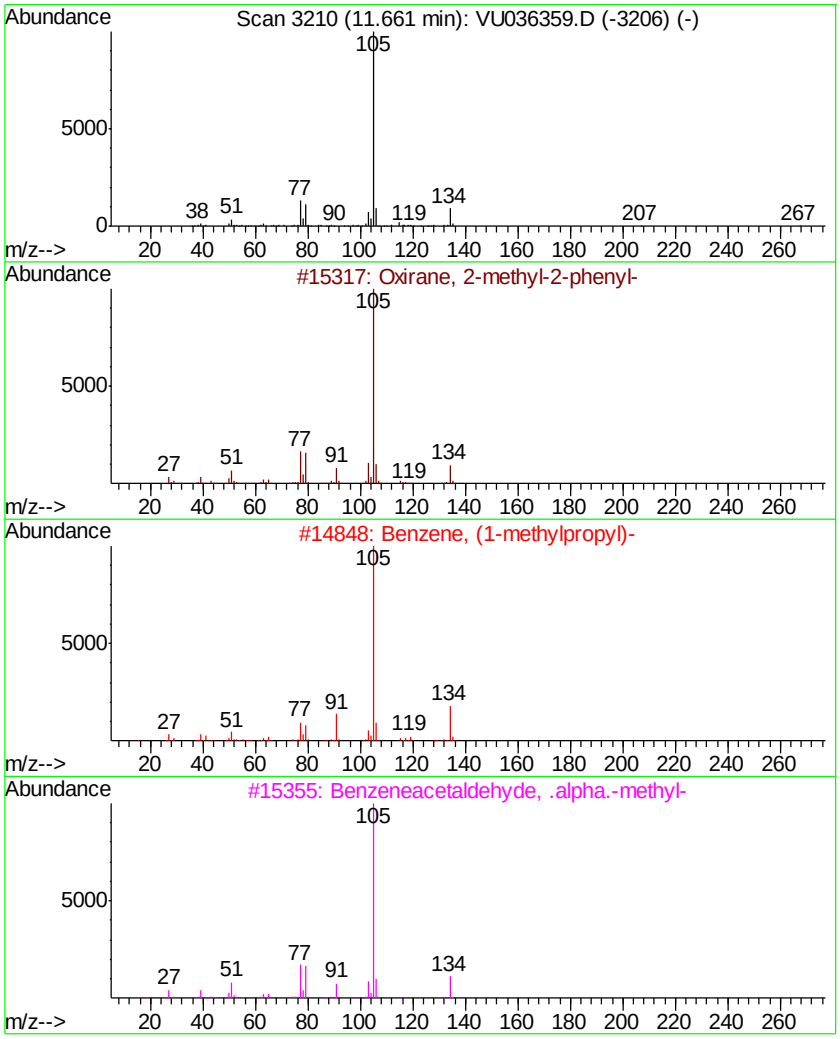
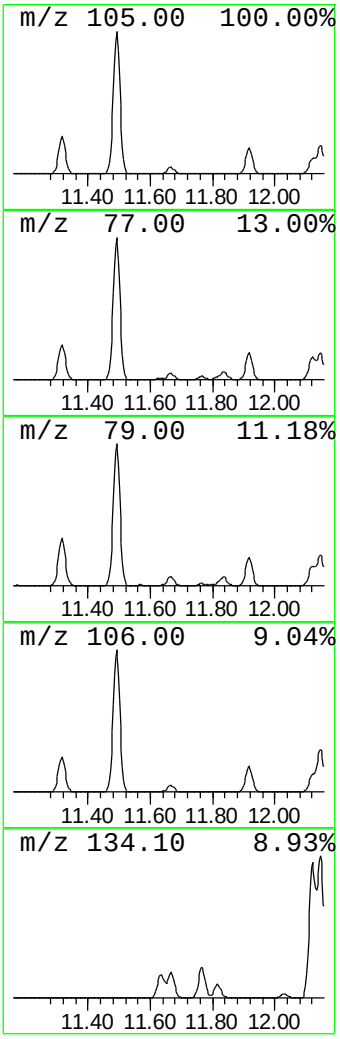
Peak Number 22 Oxirane, 2-methyl-2-phenyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	5.28 ug/L	309985	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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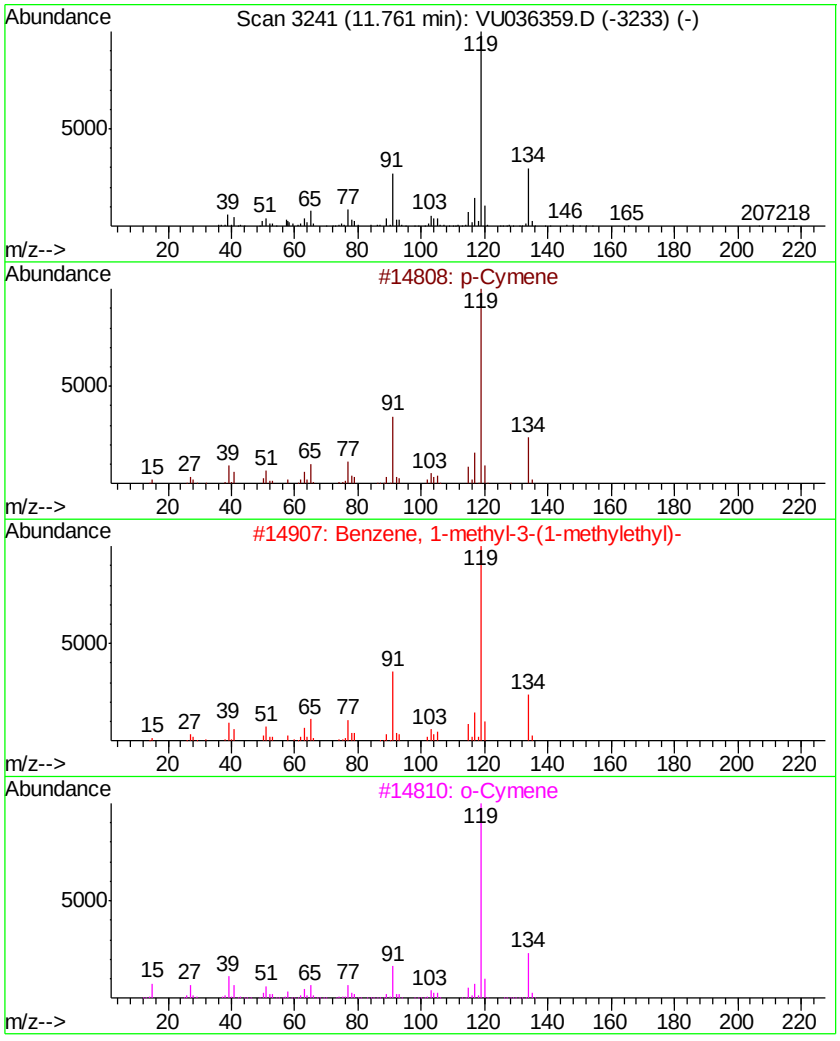
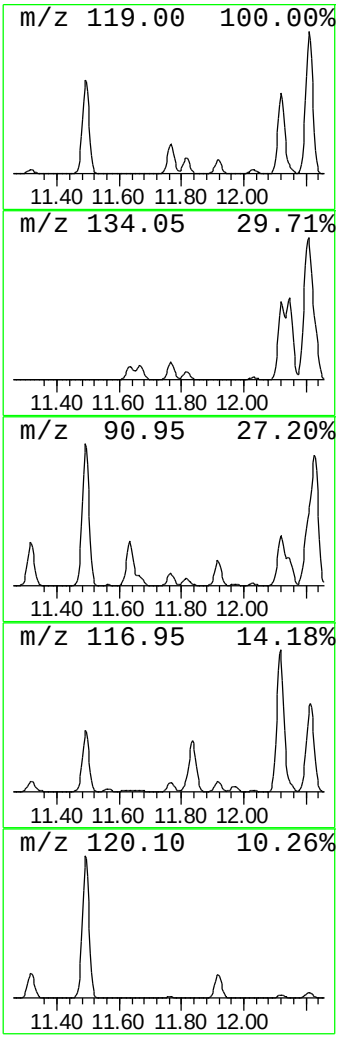
Peak Number 23 p-Cymene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.17 ug/L	303684	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

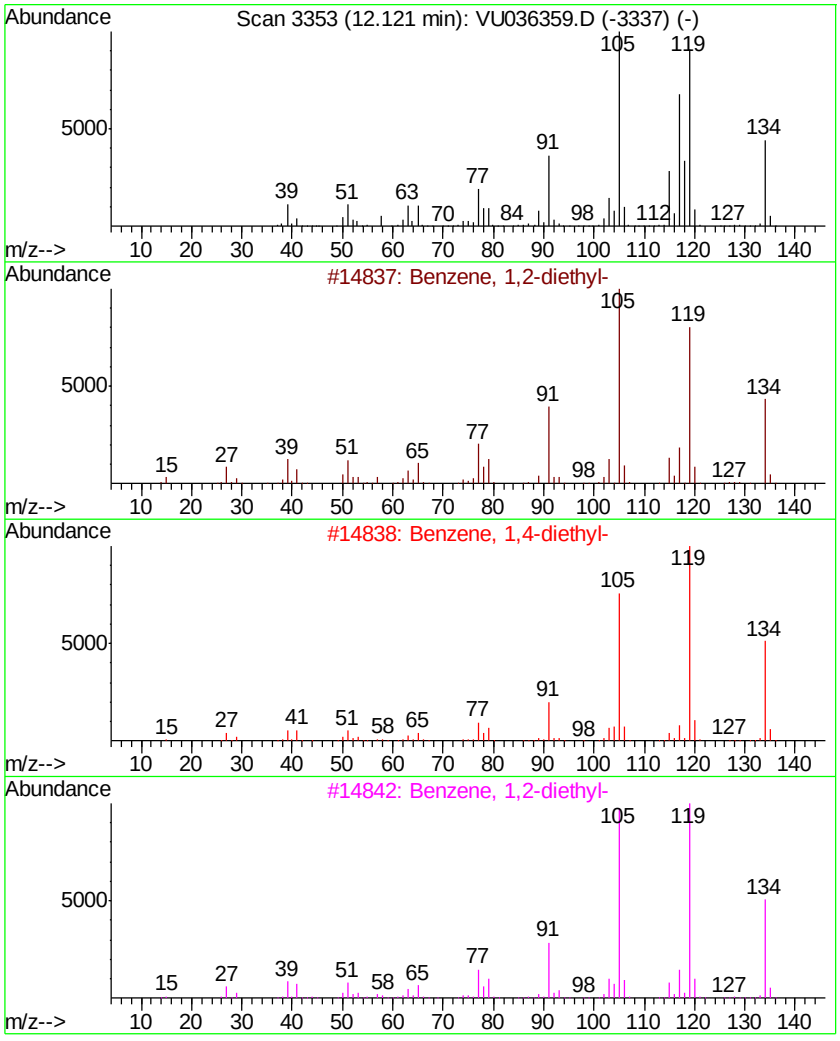
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

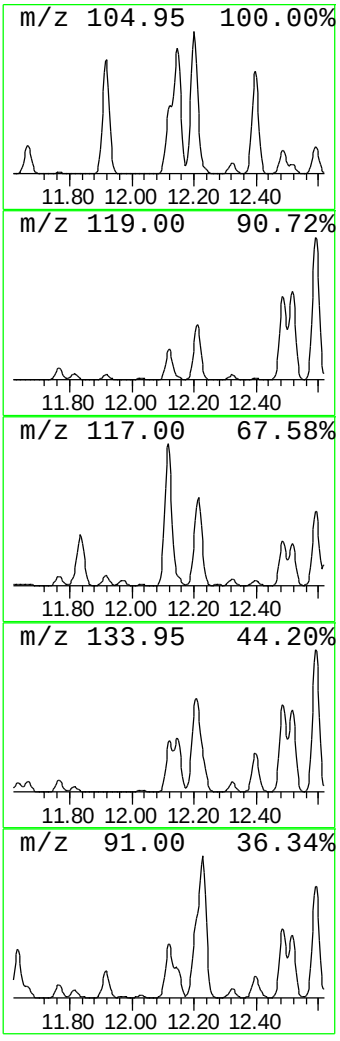
****

Peak Number 25 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	34.92 ug/L	2050670	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	76
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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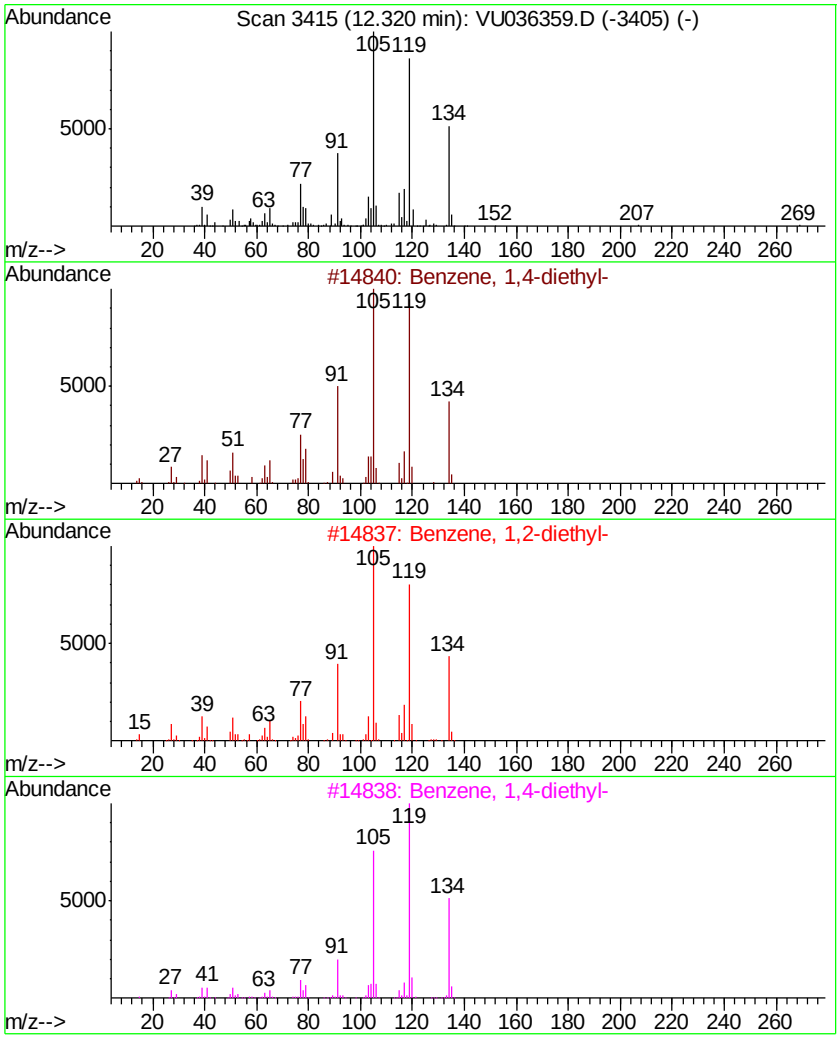
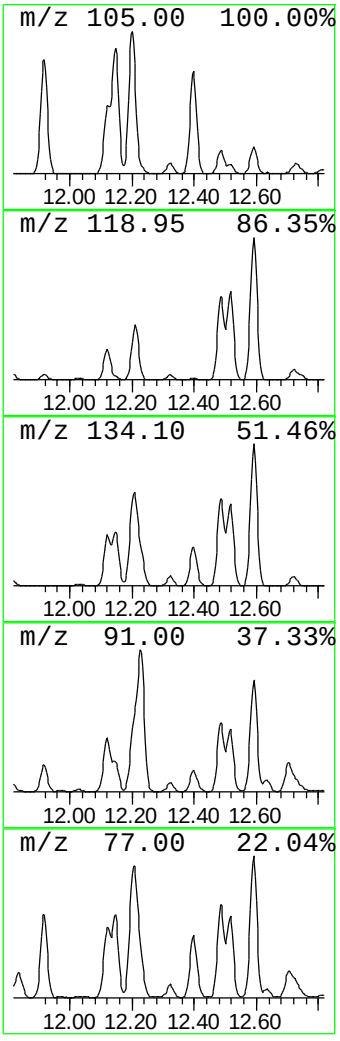
Peak Number 26 Benzene, 1,4-diethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.20 ug/L	305047	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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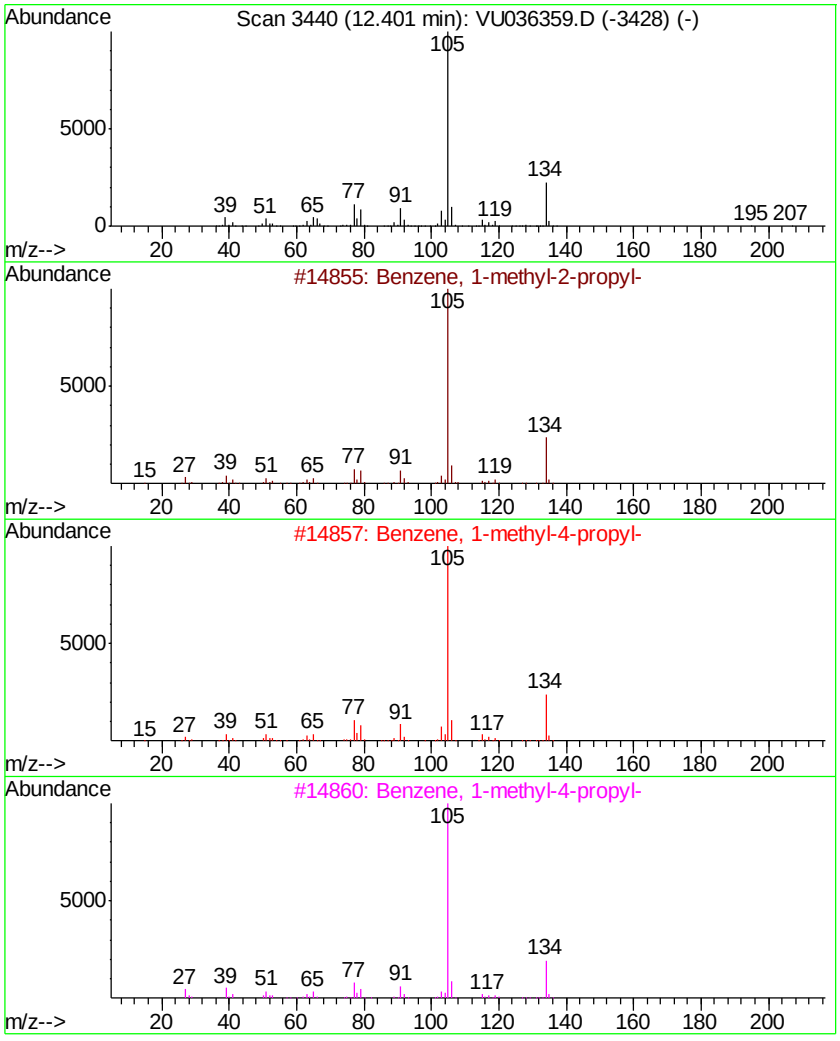
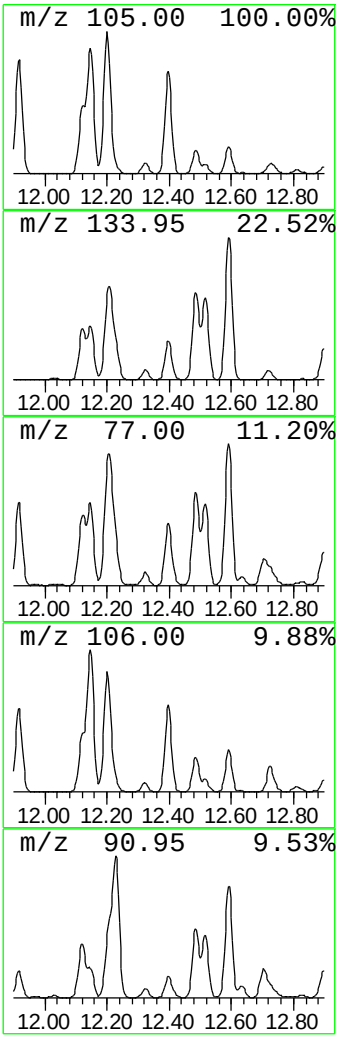
Peak Number 27 Benzene, 1-methyl-2-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	20.05 ug/L	1177330	1,4-Dichlorobenzene-d4	11.83

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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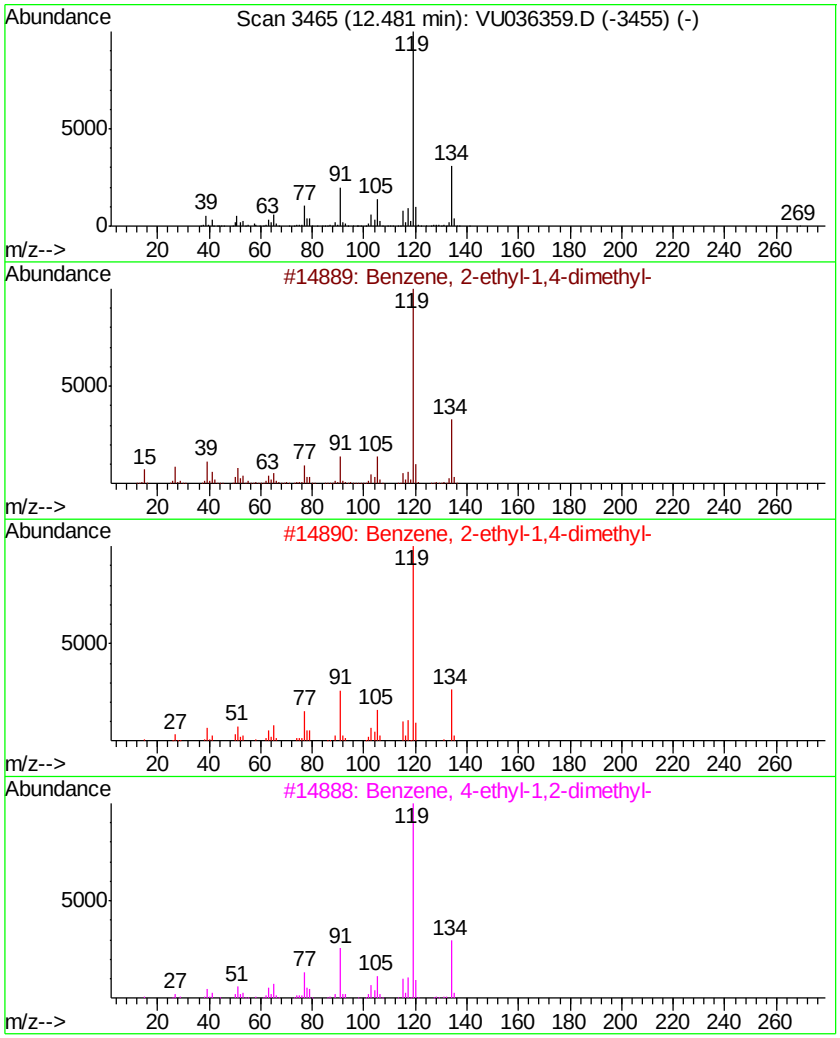
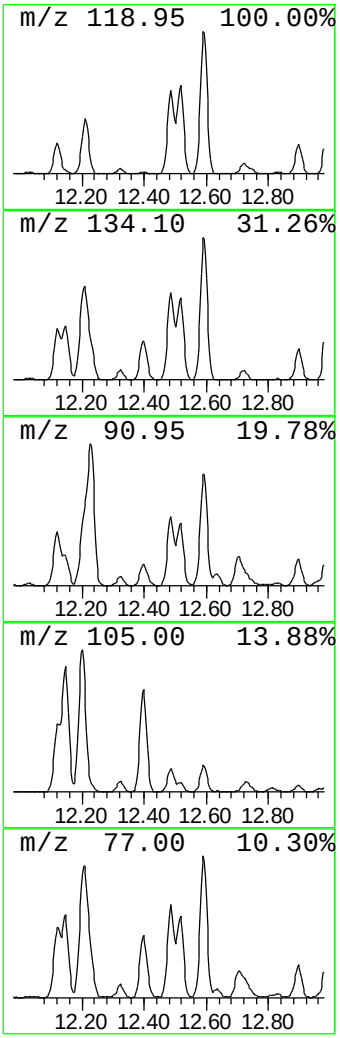
Peak Number 28 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	38.06 ug/L	2234590	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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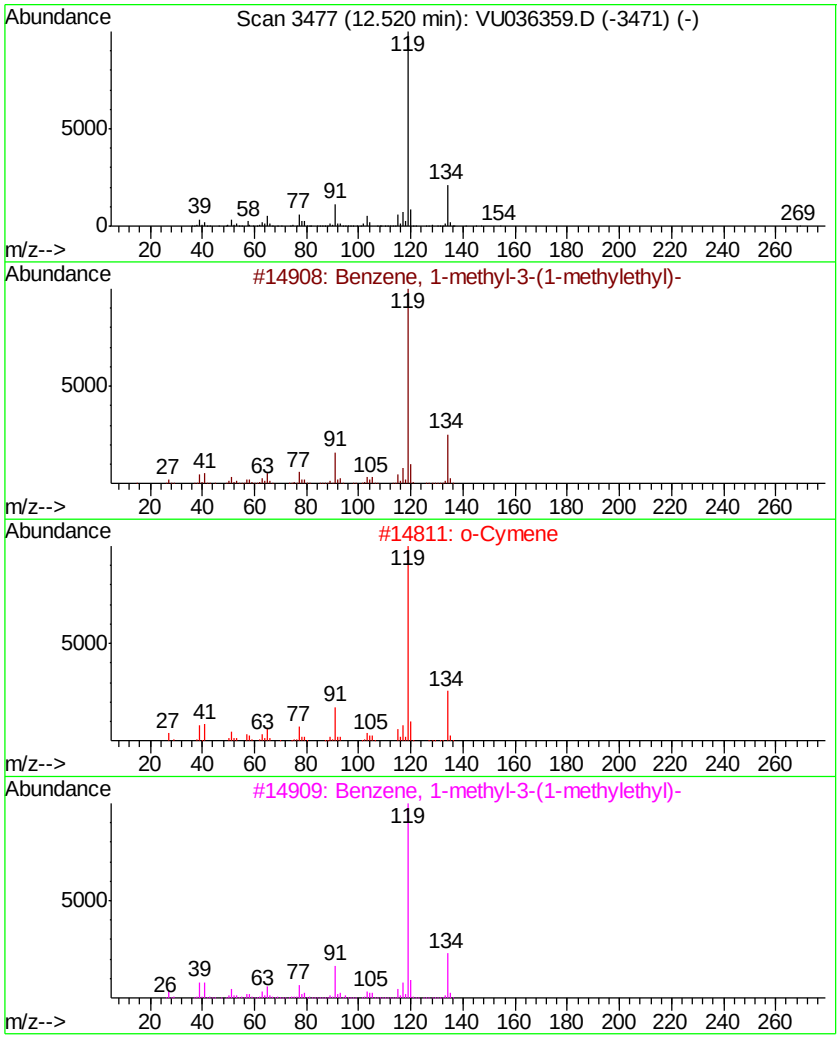
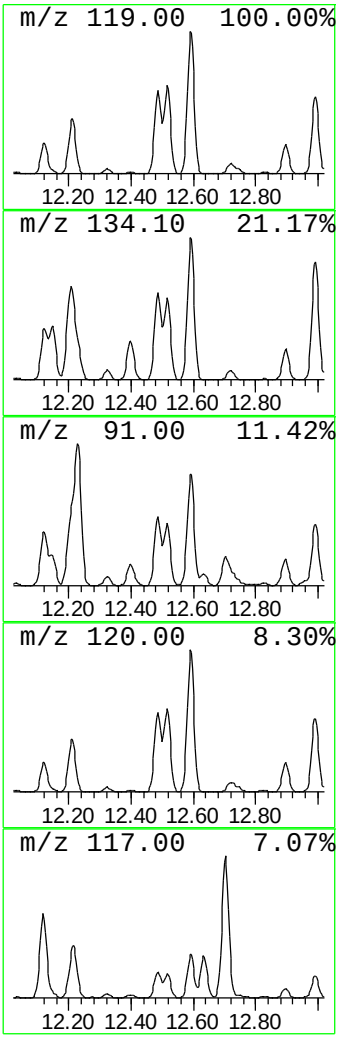
Peak Number 29 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	33.48 ug/L	1966020	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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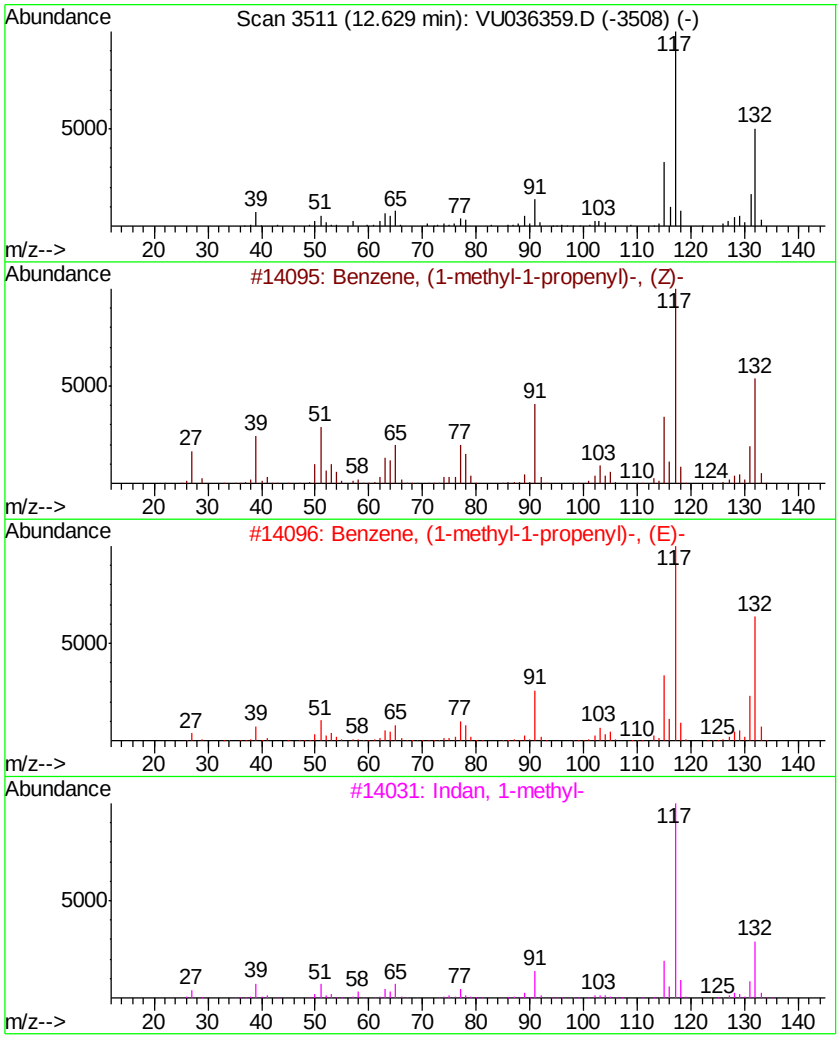
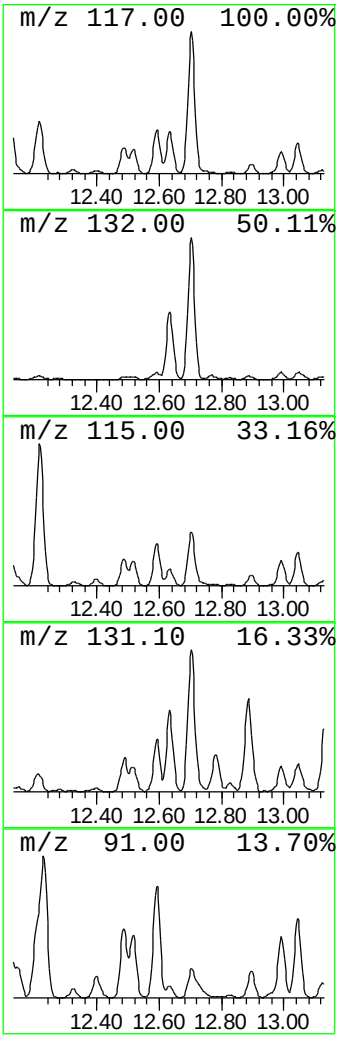
Peak Number 31 Benzene, (1-methyl-1-propen... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.28 ug/L	368976	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

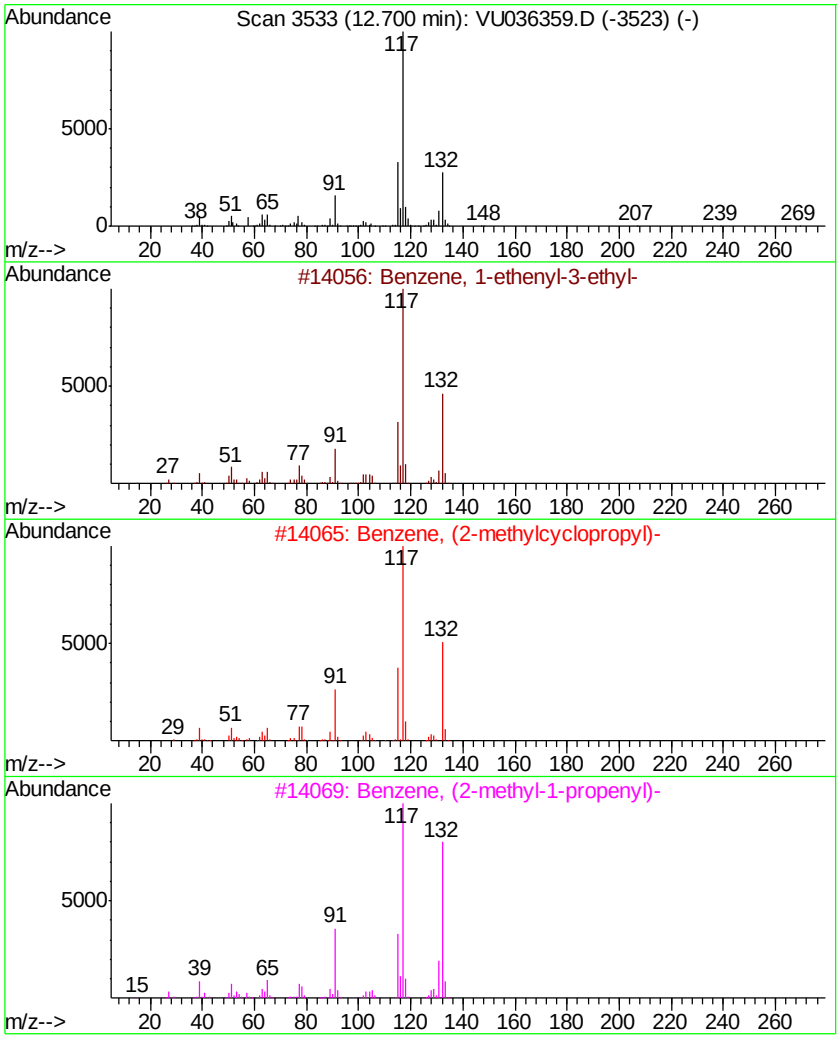
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

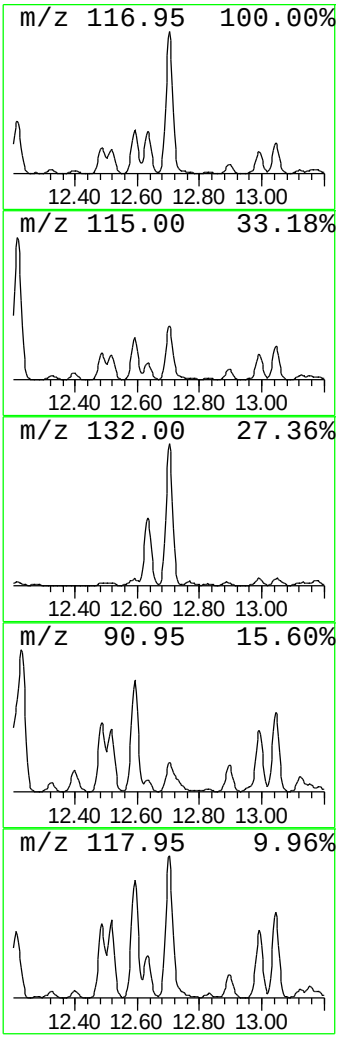
****

Peak Number 32 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	27.81 ug/L	1633130	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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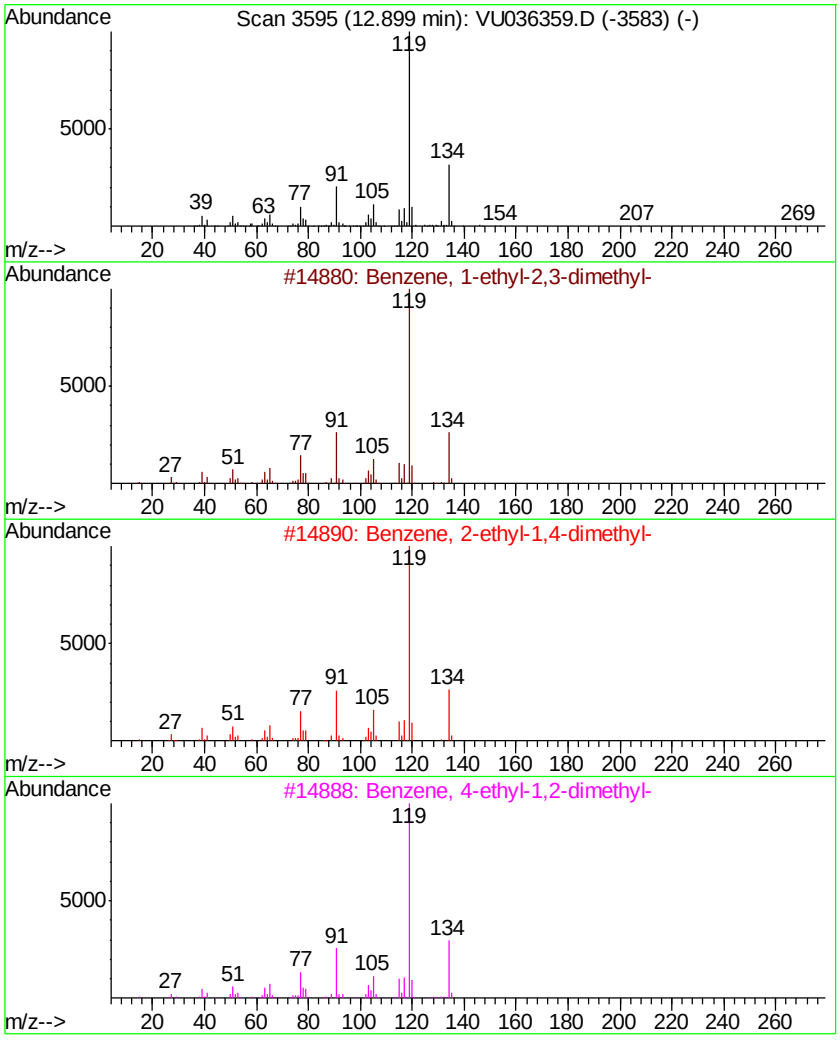
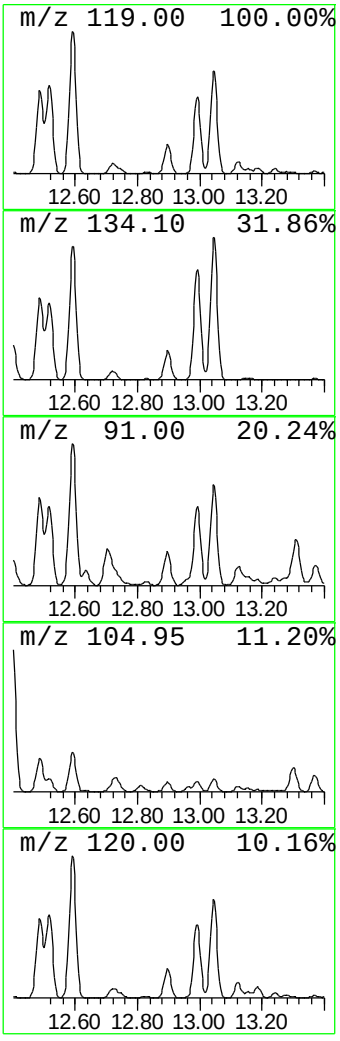
Peak Number 33 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	13.95 ug/L	818961	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

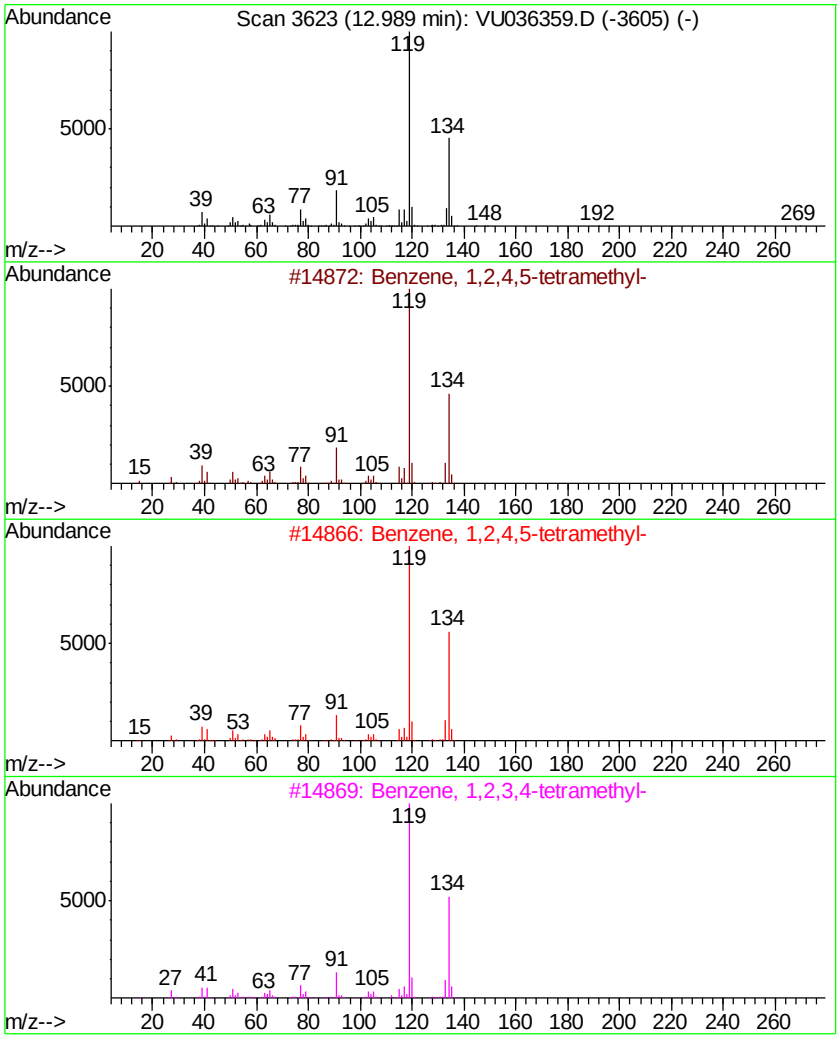
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

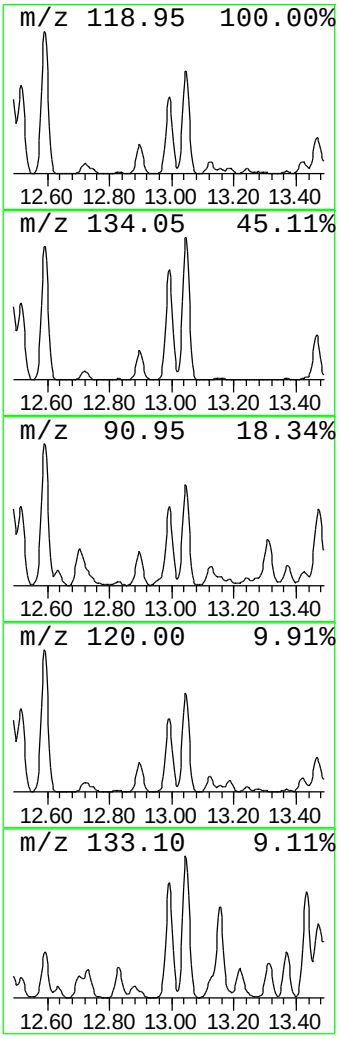
****

Peak Number 34 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	38.31 ug/L	2249400	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

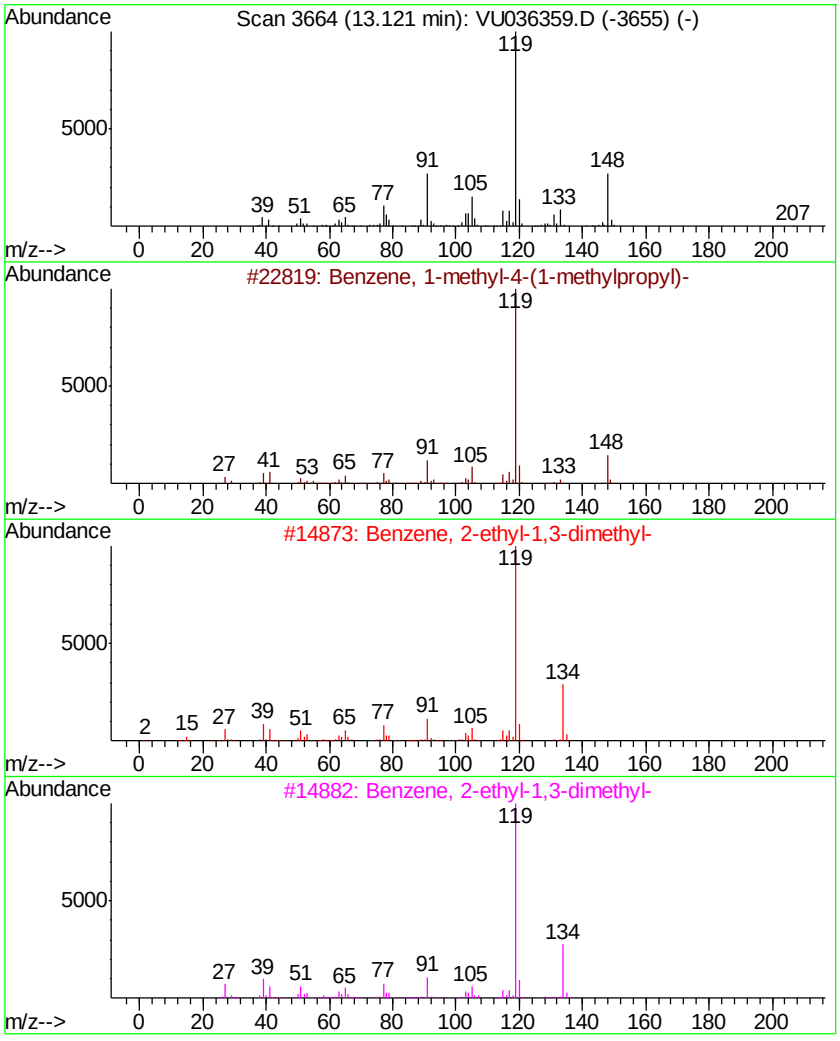
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

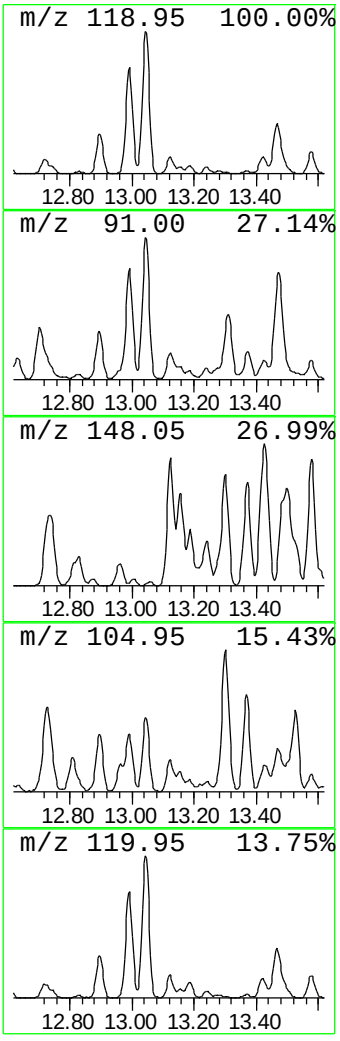
****

Peak Number 36 Benzene, 1-methyl-4-(1-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	6.50 ug/L	381680	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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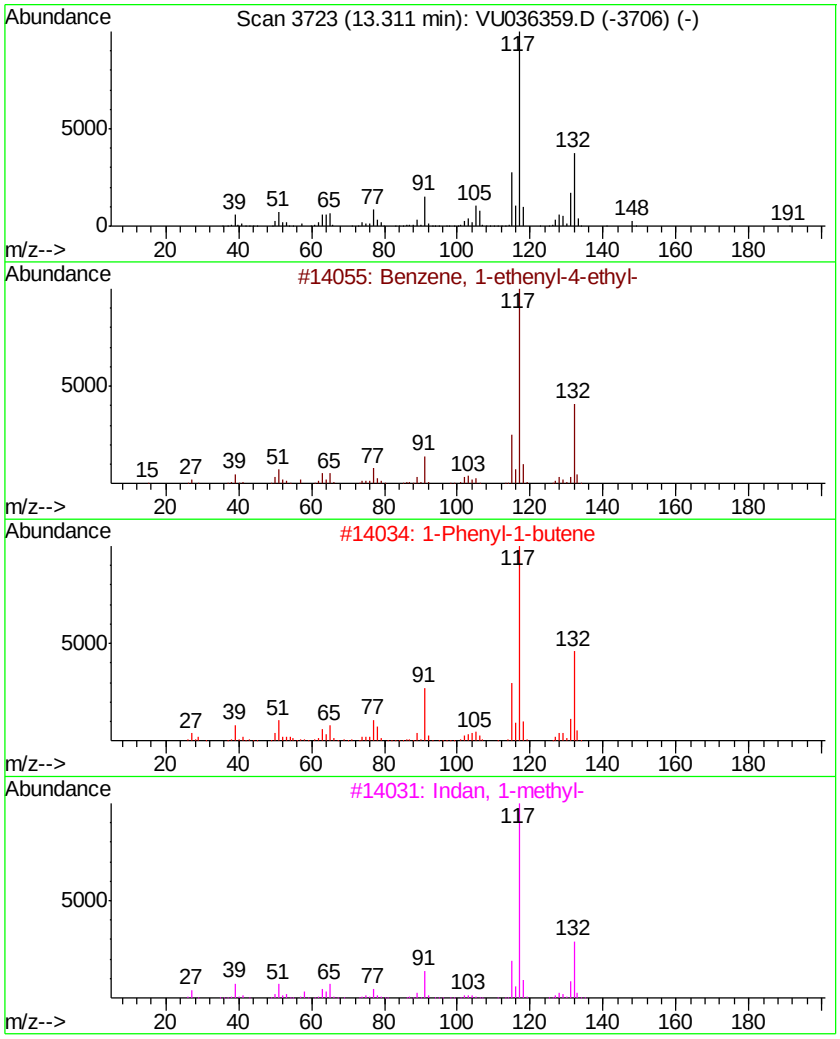
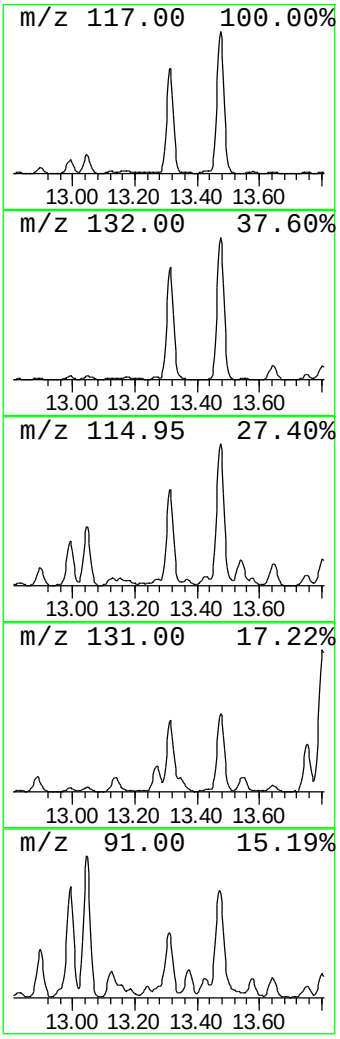
Peak Number 37 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	31.10 ug/L	1826210	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Indan, 1-methyl-	132	C10H12	000767-58-8	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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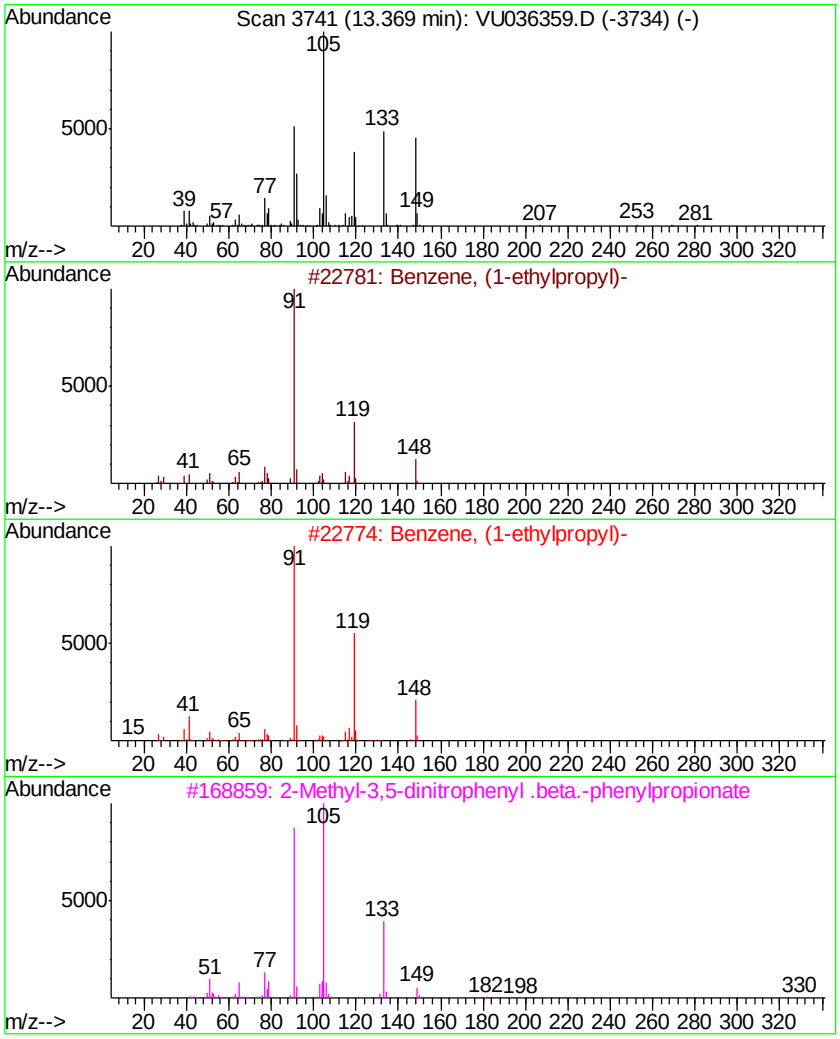
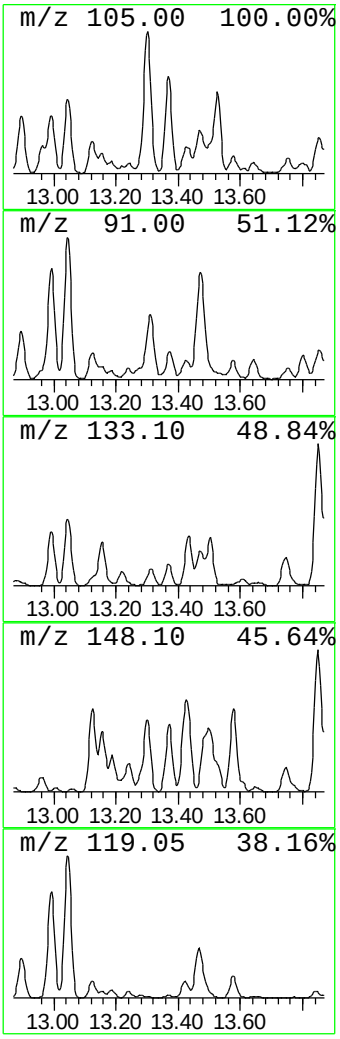
Peak Number 38 unknown-02 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	4.25 ug/L	249705	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	38
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	38
3	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	35
4	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	30
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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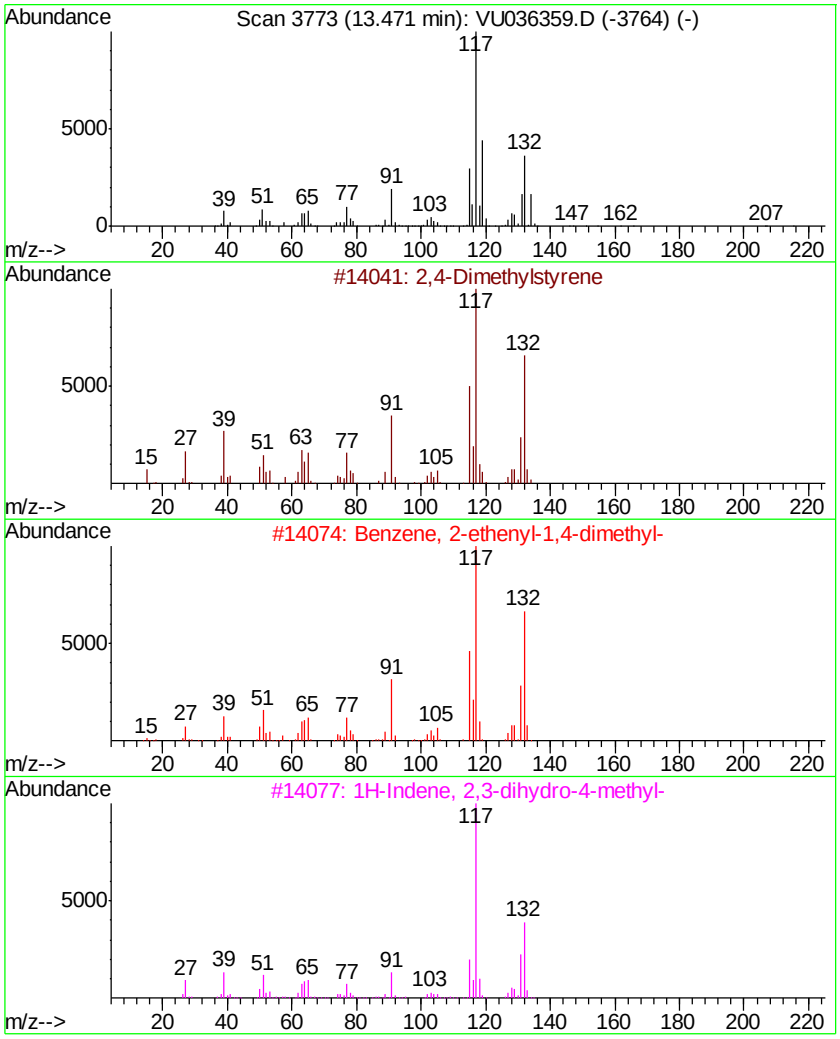
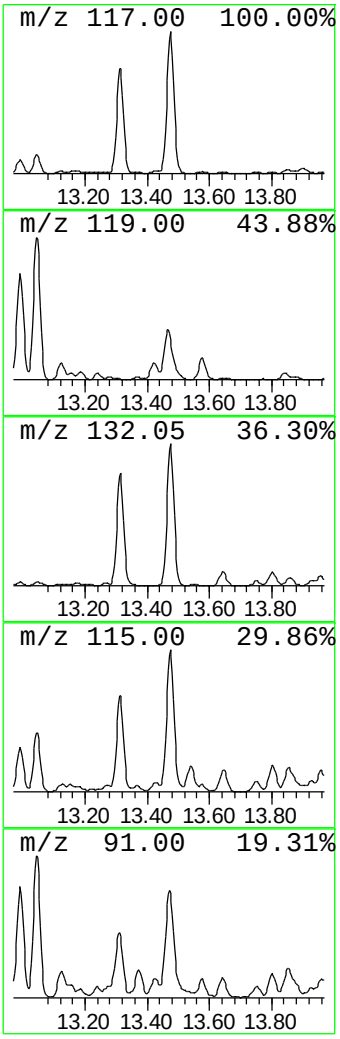
Peak Number 40 2,4-Dimethylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	56.23 ug/L	3301970	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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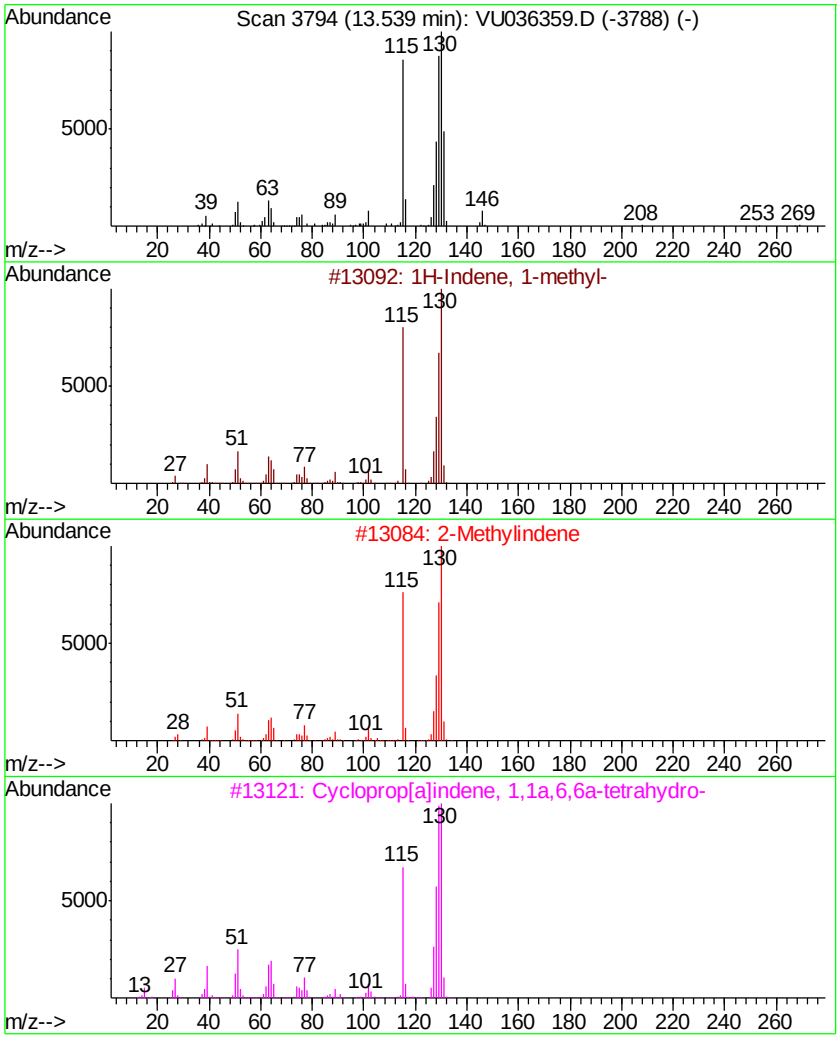
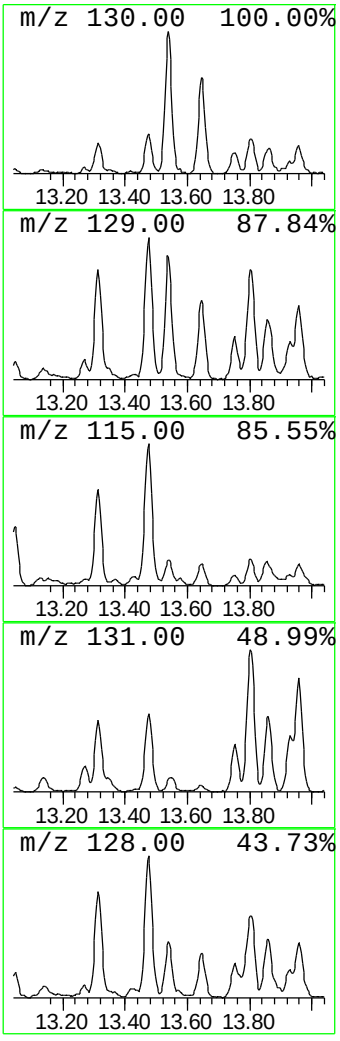
Peak Number 41 1H-Indene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.69 ug/L	275345	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
2	2-Methylindene	130	C10H10	002177-47-1	90
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	86
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	86
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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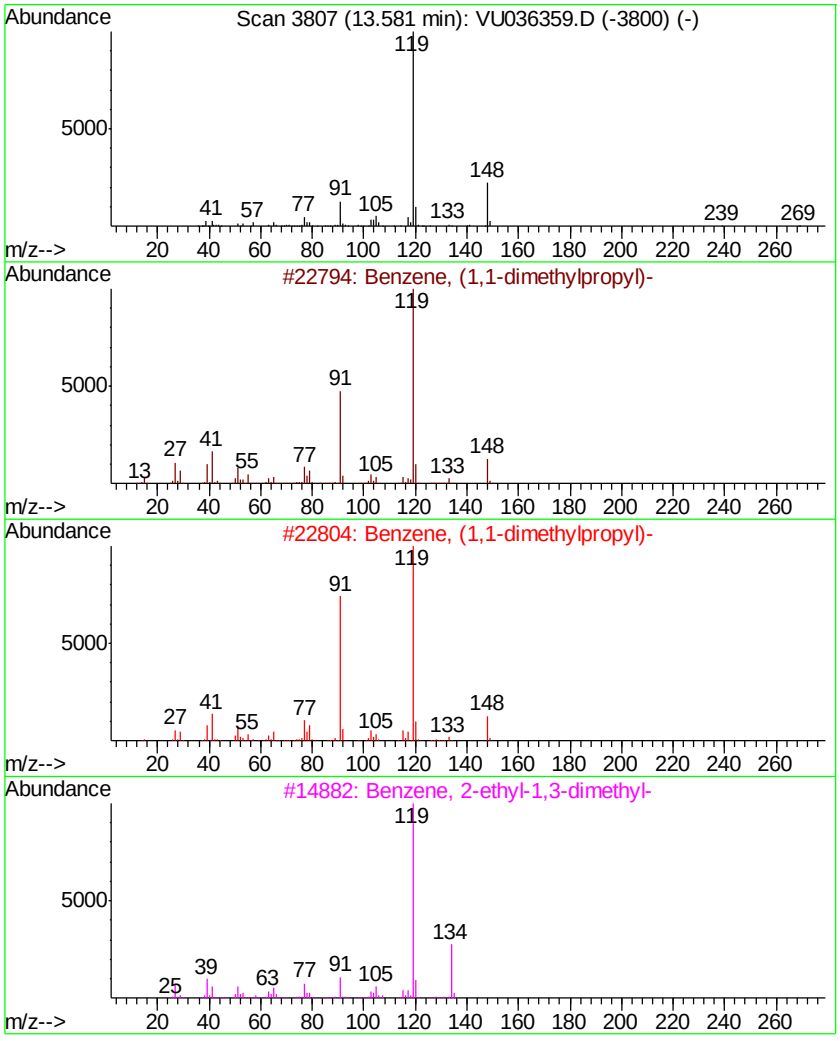
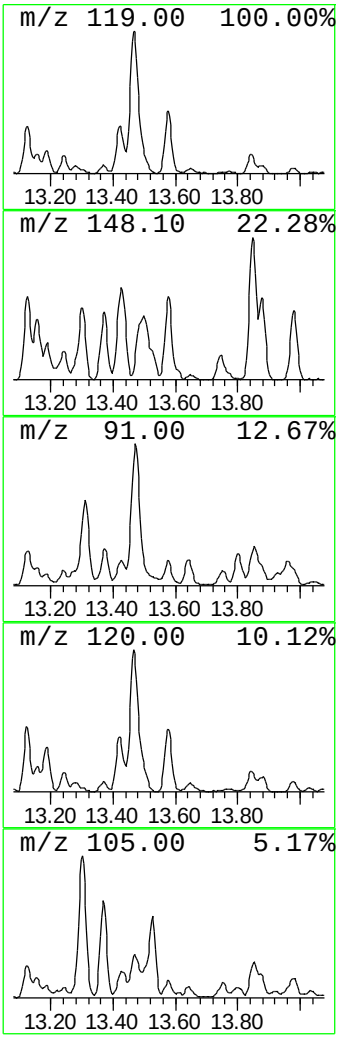
Peak Number 42 Benzene, (1,1-dimethylpropyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	6.04 ug/L	354713	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	74
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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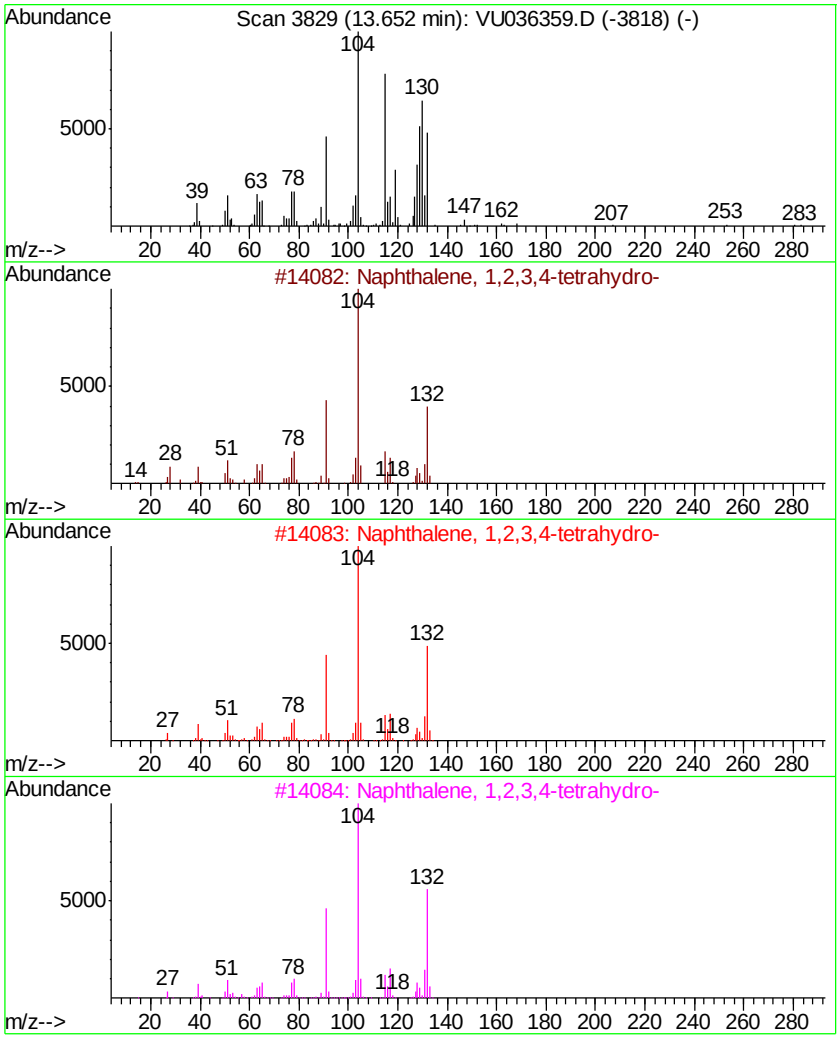
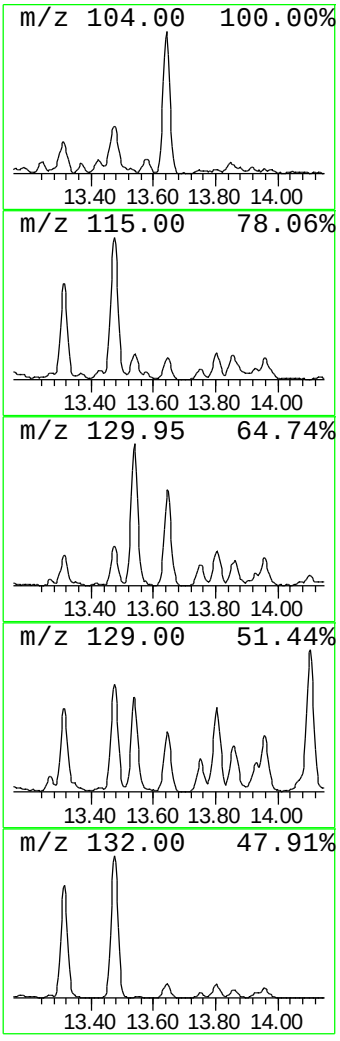
Peak Number 43 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.29 ug/L	369407	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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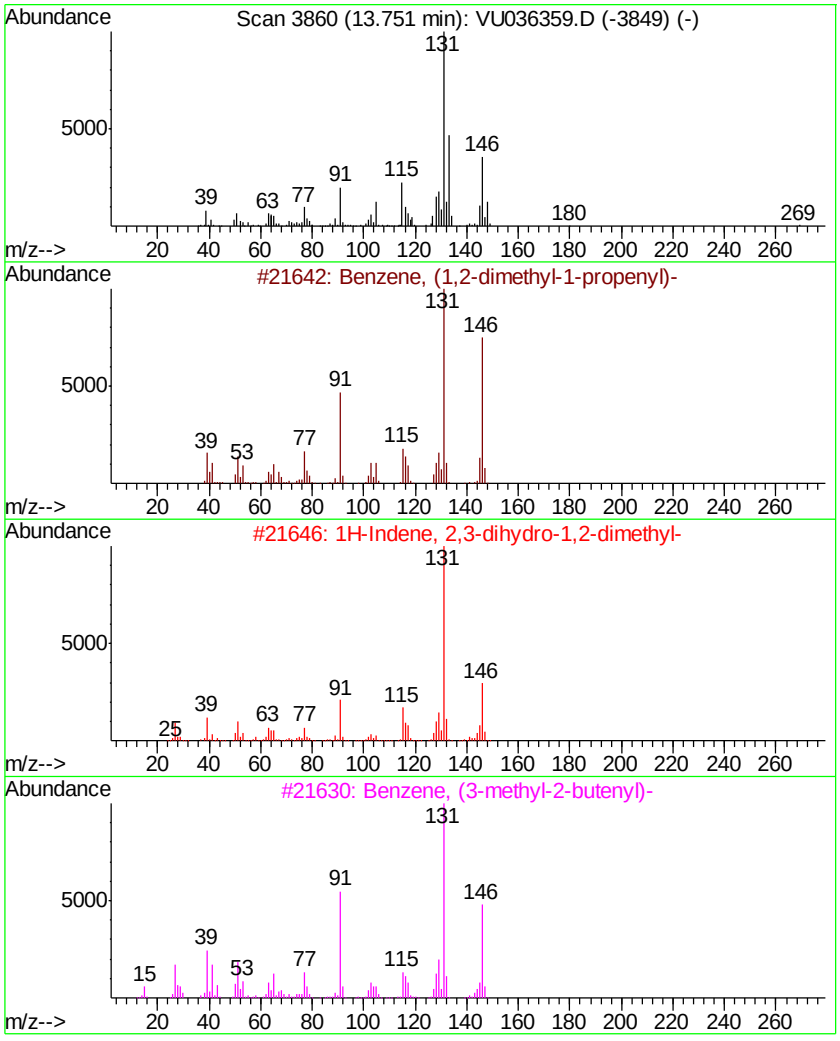
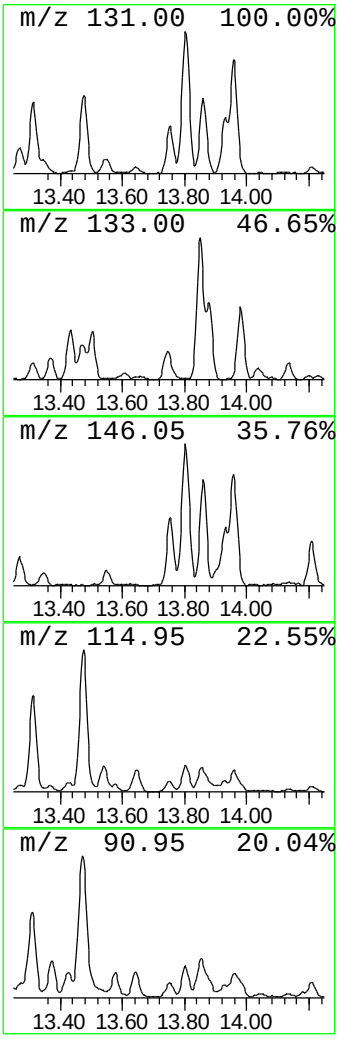
Peak Number 44 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.72 ug/L	335746	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	92
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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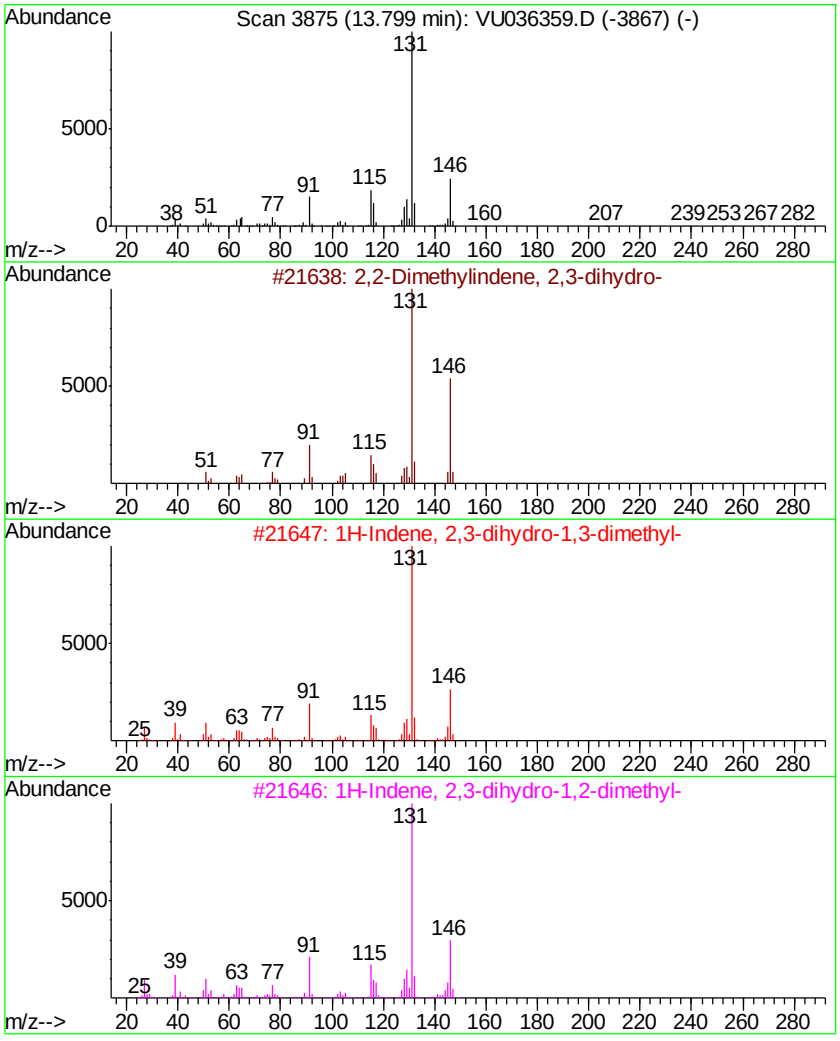
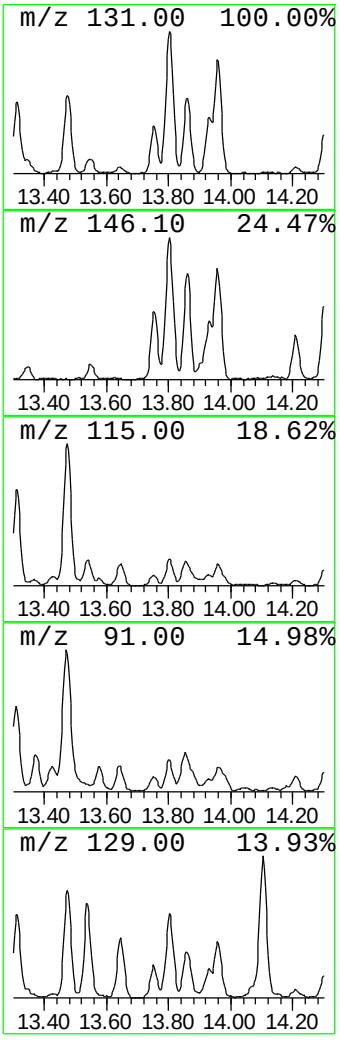
Peak Number 45 2,2-Dimethylindene, 2,3-dih... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	11.12 ug/L	652986	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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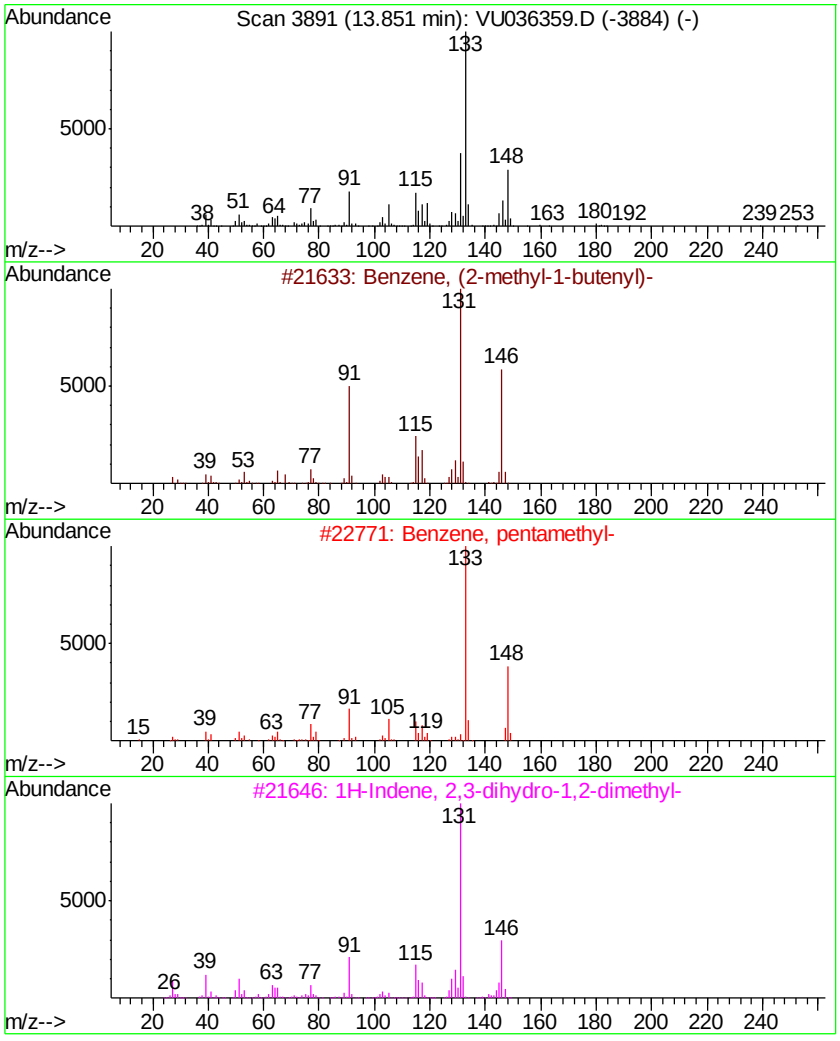
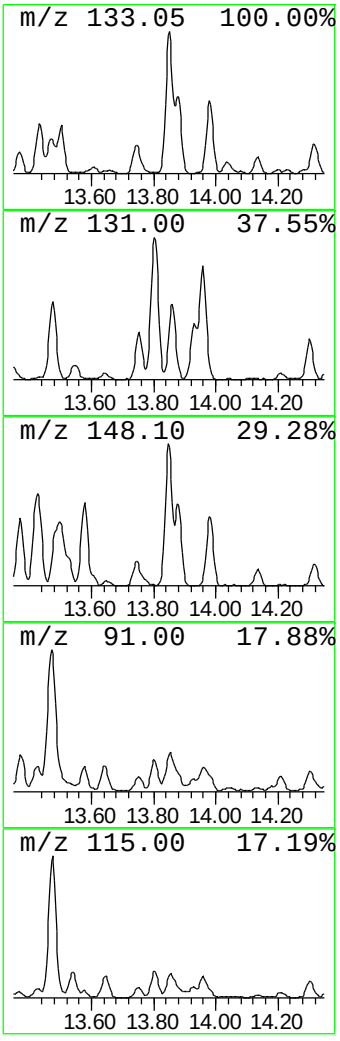
Peak Number 46 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	19.50 ug/L	1145150	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	53
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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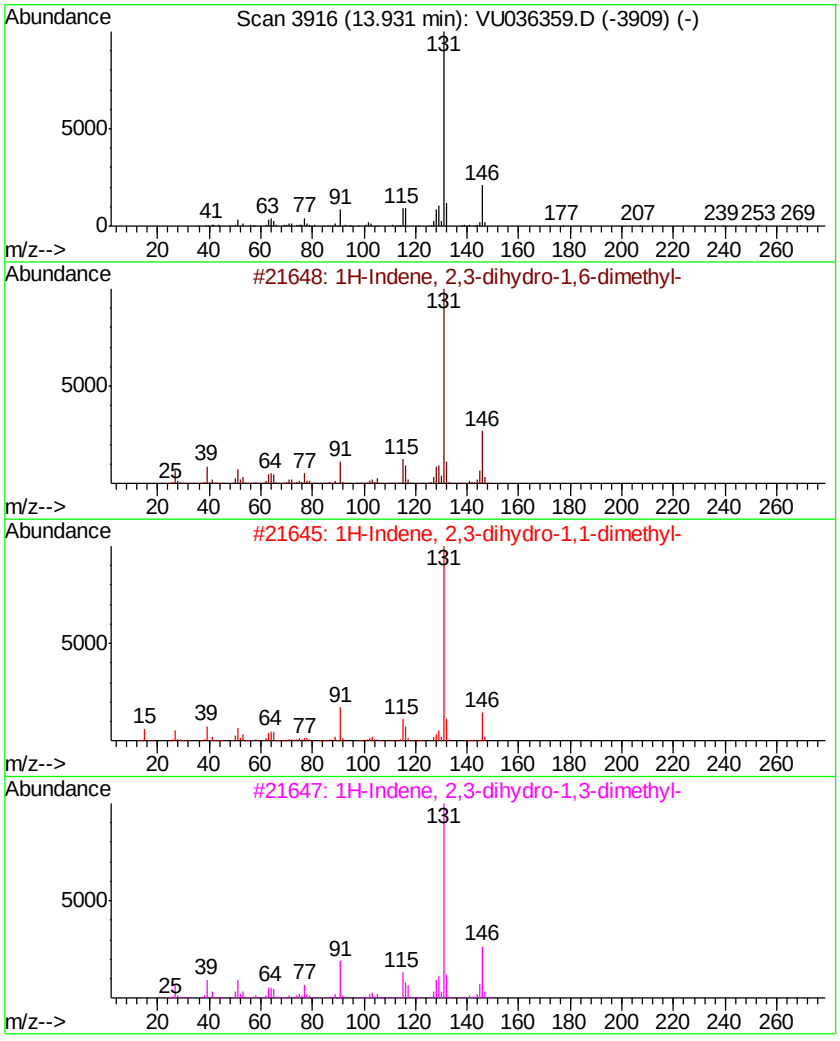
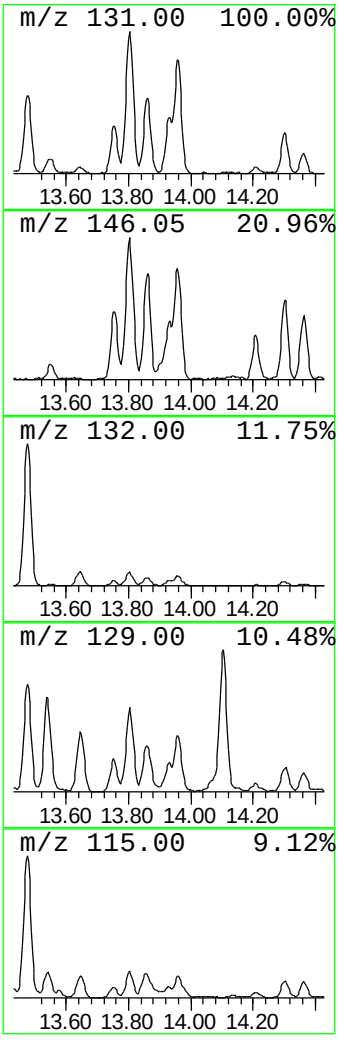
Peak Number 47 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.26 ug/L	191633	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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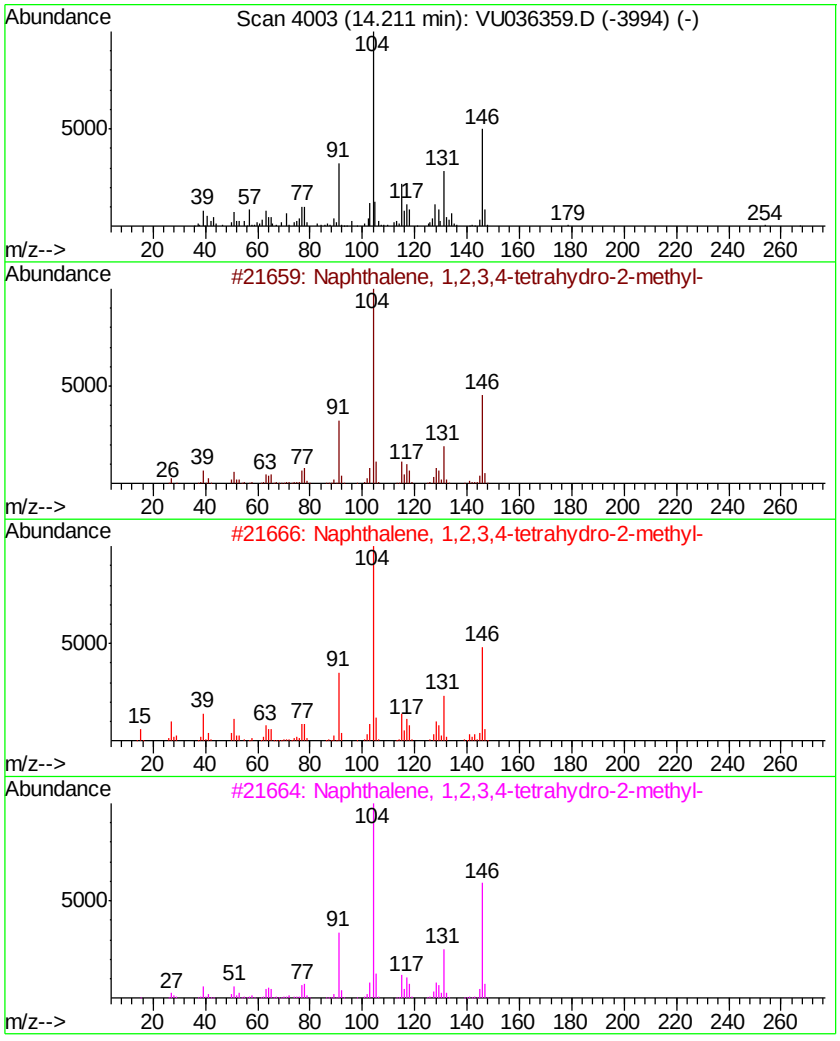
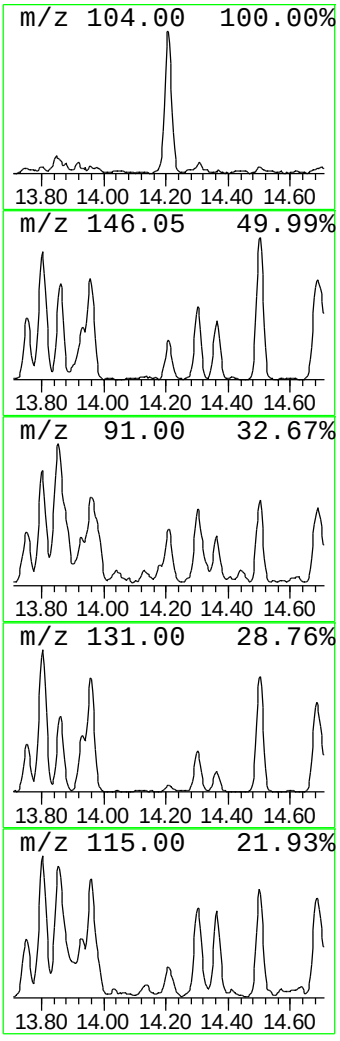
Peak Number 50 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.76 ug/L	220925	1,4-Dichlorobenzene-d4	11.83

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	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

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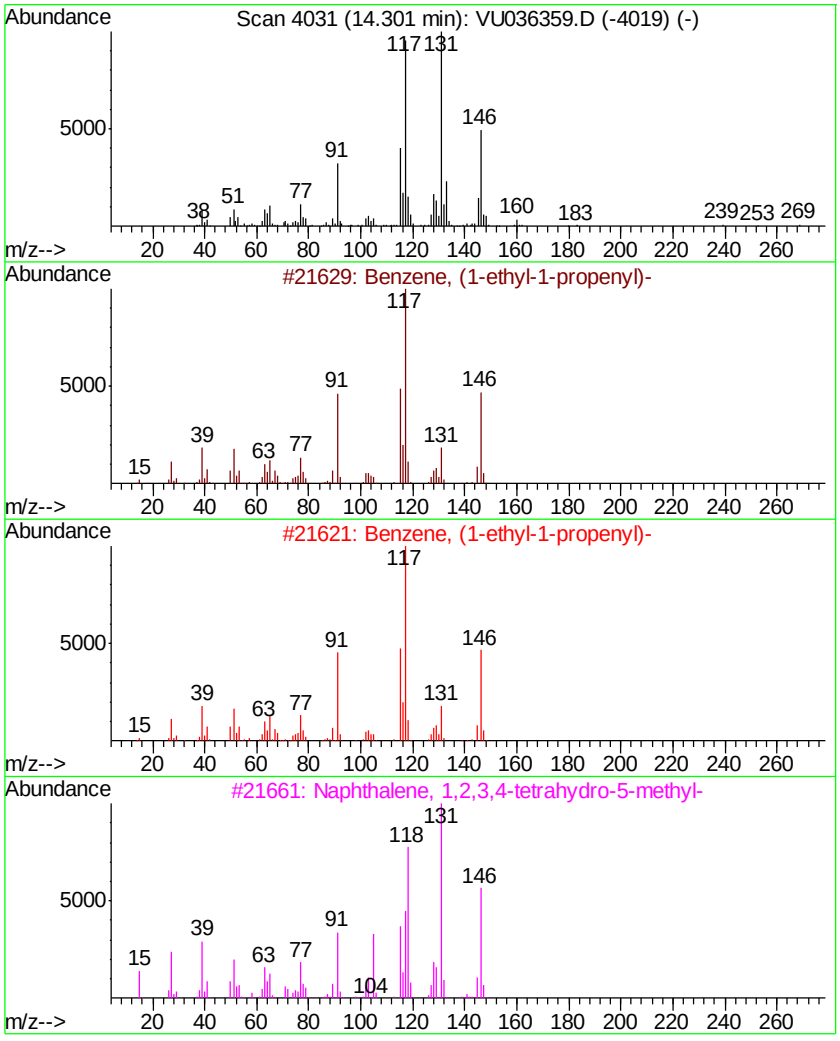
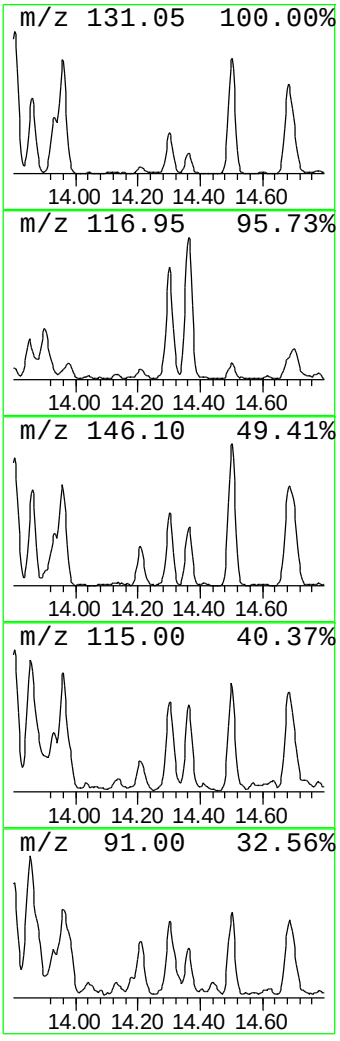
Peak Number 51 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	7.29 ug/L	427928	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	83
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
4	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	64
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122719\
Data File : VU036359.D
Acq On : 27 Dec 2019 17:12
Operator : JC/MD
Sample : K6397-01ME
Misc : 6.43G/5ML/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETK90ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.84	12.4	ug/L	527264	1	6.29	2121230	50.0
(DEL) Alkane: Str...	4.46	5.9	ug/L	249953	1	6.29	2121230	50.0
(DEL) Alkane: Str...	5.40	8.6	ug/L	364648	1	6.29	2121230	50.0
(DEL) Alkane: Str...	5.49	19.5	ug/L	826800	1	6.29	2121230	50.0
(DEL) Alkane: Str...	5.62	11.4	ug/L	484199	1	6.29	2121230	50.0
(DEL) Alkane: Str...	5.93	37.1	ug/L	1573760	1	6.29	2121230	50.0
(DEL) Alkane: Str...	6.16	3.9	ug/L	164521	1	6.29	2121230	50.0
(DEL) Alkane: Str...	6.89	5.2	ug/L	219769	1	6.29	2121230	50.0
(DEL) Alkane: Str...	7.28	19.4	ug/L	825165	1	6.29	2121230	50.0
(DEL) Alkane: Str...	7.41	13.1	ug/L	557370	1	6.29	2121230	50.0
(DEL) Alkane: Str...	7.53	2.6	ug/L	110331	1	6.29	2121230	50.0
(DEL) Alkane: Str...	7.68	3.9	ug/L	165396	1	6.29	2121230	50.0
(DEL) Alkane: Str...	9.24	2.9	ug/L	151715	2	9.45	2665710	50.0
(DEL) Alkane: Str...	9.36	2.6	ug/L	139413	2	9.45	2665710	50.0
Benzene, propyl-	10.93	27.9	ug/L	1639770	3	11.83	2935870	50.0
Benzene, 1-ethyl-...	11.02	27.8	ug/L	1629680	3	11.83	2935870	50.0
Mesitylene	11.11	18.1	ug/L	1059710	3	11.83	2935870	50.0
Benzene, 1,2,3-tr...	11.49	144.7	ug/L	8494710	3	11.83	2935870	50.0
Benzene, (2-methy...	11.63	4.6	ug/L	270968	3	11.83	2935870	50.0
Oxirane, 2-methyl...	11.66	5.3	ug/L	309985	3	11.83	2935870	50.0
p-Cymene	11.76	5.2	ug/L	303684	3	11.83	2935870	50.0
Benzene, 1,2-diet...	12.12	34.9	ug/L	2050670	3	11.83	2935870	50.0
Benzene, 1,4-diet...	12.32	5.2	ug/L	305047	3	11.83	2935870	50.0
Benzene, 1-methyl...	12.40	20.1	ug/L	1177330	3	11.83	2935870	50.0
Benzene, 2-ethyl-...	12.48	38.1	ug/L	2234590	3	11.83	2935870	50.0
Benzene, 1-methyl...	12.52	33.5	ug/L	1966020	3	11.83	2935870	50.0
Benzene, (1-methy...	12.63	6.3	ug/L	368976	3	11.83	2935870	50.0
Benzene, 1-etheny...	12.70	27.8	ug/L	1633130	3	11.83	2935870	50.0
Benzene, 1-ethyl-...	12.90	13.9	ug/L	818961	3	11.83	2935870	50.0
Benzene, 1,2,4,5-...	12.99	38.3	ug/L	2249400	3	11.83	2935870	50.0
Benzene, 1-methyl...	13.12	6.5	ug/L	381680	3	11.83	2935870	50.0
Benzene, 1-etheny...	13.31	31.1	ug/L	1826210	3	11.83	2935870	50.0
unknown-02	13.37	4.3	ug/L	249705	3	11.83	2935870	50.0
2,4-Dimethylstyrene	13.47	56.2	ug/L	3301970	3	11.83	2935870	50.0
1H-Indene, 1-methyl-	13.54	4.7	ug/L	275345	3	11.83	2935870	50.0
Benzene, (1,1-dim...	13.58	6.0	ug/L	354713	3	11.83	2935870	50.0
Naphthalene, 1,2,...	13.65	6.3	ug/L	369407	3	11.83	2935870	50.0
Benzene, (1,2-dim...	13.75	5.7	ug/L	335746	3	11.83	2935870	50.0
2,2-Dimethylinden...	13.80	11.1	ug/L	652986	3	11.83	2935870	50.0
Benzene, (2-methy...	13.85	19.5	ug/L	1145150	3	11.83	2935870	50.0
1H-Indene, 2,3-di...	13.93	3.3	ug/L	191633	3	11.83	2935870	50.0
Naphthalene, 1,2,...	14.21	3.8	ug/L	220925	3	11.83	2935870	50.0
Benzene, (1-ethyl...	14.30	7.3	ug/L	427928	3	11.83	2935870	50.0