LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Integration Parameters: RTEINT3.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_X\METHOD\624X032719W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.629	66	78	81	rBV9	9178	24362	3.43%	0.171%
2	1.782	98	103	112	rBV	71722	105242	14.81%	0.739%
3	1.995	134	138	147	rVB	22902	36864	5.19%	0.259%
4	2.391	196	203	208	rBV2	14380	28878	4.06%	0.203%
5	2.842	269	277	280	rBV	54661	117686	16.57%	0.826%
6	2.891	280	285	290	rVV	122078	235807	33.19%	1.655%
7	3.172	323	331	343	rBV	147408	342414	48.20%	2.403%
8	3.525	381	389	399	rVB2	16969	40655	5.72%	0.285%
9	3.818	428	437	446	rVB	11755	29825	4.20%	0.209%
10	3.922	446	454	461	rBV3	10297	29811	4.20%	0.209%
11	4.147	481	491	496	rVV3	8972	33216	4.68%	0.233%
12	4.312	508	518	524	rVV2	18747	62567	8.81%	0.439%
13	4.403	524	533	547	rVV	192996	575879	81.06%	4.042%
14	4.531	547	554	570	rVB6	7974	33185	4.67%	0.233%
15	5.019	621	634	650	rBV2	90185	274644	38.66%	1.928%
16	5.238	660	670	680	rBV4	12780	55049	7.75%	0.386%
17	5.586	715	727	740	rBV4	99312	417427	58.76%	2.930%
18	5.726	741	750	768	rVB	60883	205312	28.90%	1.441%
19	5.927	772	783	796	rBV2	106478	334280	47.05%	2.346%
20	6.061	796	805	814	rVV	96828	248707	35.01%	1.745%
21	6.263	827	838	847	rVV2	50903	194328	27.35%	1.364%
22	6.360	847	854	862	rVV2	53990	152273	21.43%	1.069%
23	6.452	862	869	881	rVB2	54351	153732	21.64%	1.079%
24	6.702	901	910	919	rBV6	10479	27668	3.89%	0.194%
25	6.860	923	936	944	rBV	211853	516620	72.72%	3.626%
26	6.939	944	949	959	rVV5	20890	58837	8.28%	0.413%
27	7.256	994	1001	1008	rBV2	15510	34552	4.86%	0.242%
28	7.457	1023	1034	1046	rBV3	195821	512009	72.07%	3.593%
29	7.640	1059	1064	1072	rVB2	12912	26231	3.69%	0.184%
30	7.732	1072	1079	1090	rVB	36343	78015	10.98%	0.548%
31	7.848	1091	1098	1104	rVB3	20925	44561	6.27%	0.313%
32	7.963	1104	1117	1123	rBV7	10386	40107	5.65%	0.281%
33	8.031	1123	1128	1140	rVB6	11905	38073	5.36%	0.267%
34	8.177	1143	1152	1154	rBV4	18405	36124	5.08%	0.254%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Integration Parameters: RTEINT3.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_X\METHOD\624X032719W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

35	8.213	1154	1158	1162	rVV	43229	74421	10.48%	0.522%
36	8.384	1182	1186	1192	rVB5	17758	32402	4.56%	0.227%
37	8.500	1200	1205	1209	rVV2	22721	38301	5.39%	0.269%
38	8.573	1213	1217	1224	rVB4	30164	58950	8.30%	0.414%
39	8.665	1224	1232	1235	rBV3	49731	98614	13.88%	0.692%
40	8.713	1235	1240	1249	rVV	449536	710420	100.00%	4.986%
41	8.835	1256	1260	1264	rVV	19946	30046	4.23%	0.211%
42	8.878	1264	1267	1270	rVV4	14126	24240	3.41%	0.170%
43	8.988	1279	1285	1289	rBV	17791	28283	3.98%	0.198%
44	9.043	1289	1294	1299	rVB	26515	44352	6.24%	0.311%
45	9.165	1306	1314	1319	rBV	38787	67011	9.43%	0.470%
46	9.219	1319	1323	1328	rBV	38487	56495	7.95%	0.396%
47	9.567	1375	1380	1385	rVV4	23460	45662	6.43%	0.320%
48	9.622	1385	1389	1393	rVV2	27521	39648	5.58%	0.278%
49	9.664	1393	1396	1402	rVV2	17111	33461	4.71%	0.235%
50	9.823	1416	1422	1426	rBV3	14114	24422	3.44%	0.171%
51	10.109	1464	1469	1475	rBV	392396	539536	75.95%	3.787%
52	10.189	1479	1482	1488	rVB4	19428	34690	4.88%	0.243%
53	10.250	1488	1492	1494	rBV	17118	24075	3.39%	0.169%
54	10.359	1503	1510	1516	rVB3	31640	65806	9.26%	0.462%
55	10.640	1550	1556	1562	rBV4	13748	31119	4.38%	0.218%
56	10.914	1596	1601	1612	rBV7	11966	36237	5.10%	0.254%
57	11.018	1613	1618	1626	rBV	36292	50372	7.09%	0.354%
58	11.134	1632	1637	1643	rBV	333567	430309	60.57%	3.020%
59	11.359	1670	1674	1679	rVB	111008	135409	19.06%	0.950%
60	11.451	1685	1689	1693	rVB	21609	26401	3.72%	0.185%
61	11.506	1693	1698	1702	rBV	97399	123830	17.43%	0.869%
62	11.664	1719	1724	1732	rVB	202503	262348	36.93%	1.841%
63	11.944	1767	1770	1775	rVB	23208	30768	4.33%	0.216%
64	12.030	1779	1784	1787	rVV2	72757	91098	12.82%	0.639%
65	12.140	1797	1802	1809	rBV	62838	85665	12.06%	0.601%
66	12.298	1820	1828	1835	rBV	391260	502001	70.66%	3.523%
67	12.371	1835	1840	1848	rVB3	157850	261860	36.86%	1.838%
68	12.457	1848	1854	1858	rBV	47209	66897	9.42%	0.469%
69	12.518	1858	1864	1869	rVB	81316	107569	15.14%	0.755%
70	12.585	1869	1875	1882	rBV2	64711	106026	14.92%	0.744%
71	12.664	1883	1888	1892	rBV	439616	531513	74.82%	3.730%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Integration Parameters: RTEINT3.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_X\METHOD\624X032719W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

72	12.700	1892	1894	1898	rVB	47928	47518	6.69%	0.333%
73	12.755	1898	1903	1910	rBV2	211926	336302	47.34%	2.360%
74	12.896	1922	1926	1929	rBV2	32378	44532	6.27%	0.313%
75	12.975	1933	1939	1943	rBV	261743	334383	47.07%	2.347%
76	13.017	1943	1946	1951	rVB	129605	155849	21.94%	1.094%
77	13.078	1951	1956	1962	rBV3	68244	146033	20.56%	1.025%
78	13.194	1971	1975	1977	rBV2	49744	62340	8.78%	0.438%
79	13.225	1977	1980	1983	rVB	144098	151892	21.38%	1.066%
80	13.310	1989	1994	1996	rBV2	52564	75346	10.61%	0.529%
81	13.347	1996	2000	2006	rVV2	452053	688153	96.87%	4.830%
82	13.426	2010	2013	2018	rVV	60100	81074	11.41%	0.569%
83	13.481	2018	2022	2027	rVB2	62437	86416	12.16%	0.606%
84	13.560	2031	2035	2038	rBV2	42951	57697	8.12%	0.405%
85	13.597	2038	2041	2044	rVV	115406	157992	22.24%	1.109%
86	13.633	2044	2047	2053	rVV4	144114	275286	38.75%	1.932%
87	13.719	2054	2061	2067	rVB2	129138	274956	38.70%	1.930%
88	13.810	2072	2076	2077	rBV	21149	24576	3.46%	0.172%
89	13.834	2077	2080	2088	rVB2	58923	104300	14.68%	0.732%
90	13.908	2088	2092	2097	rVB2	44963	62855	8.85%	0.441%
91	13.981	2097	2104	2108	rBV2	78242	123422	17.37%	0.866%
92	14.029	2108	2112	2116	rBV	45209	63920	9.00%	0.449%
93	14.133	2124	2129	2135	rBV	78841	120382	16.95%	0.845%
94	14.273	2146	2152	2160	rBV2	84196	162689	22.90%	1.142%
95	14.377	2165	2169	2174	rBV	36916	46845	6.59%	0.329%
96	14.426	2174	2177	2181	rVB	56218	70940	9.99%	0.498%
97	14.535	2190	2195	2200	rBV2	66508	92223	12.98%	0.647%
98	14.694	2213	2221	2224	rVV2	93788	143948	20.26%	1.010%
99	14.731	2224	2227	2232	rVB	23016	28979	4.08%	0.203%
100	14.834	2240	2244	2248	rBV	95905	132590	18.66%	0.931%

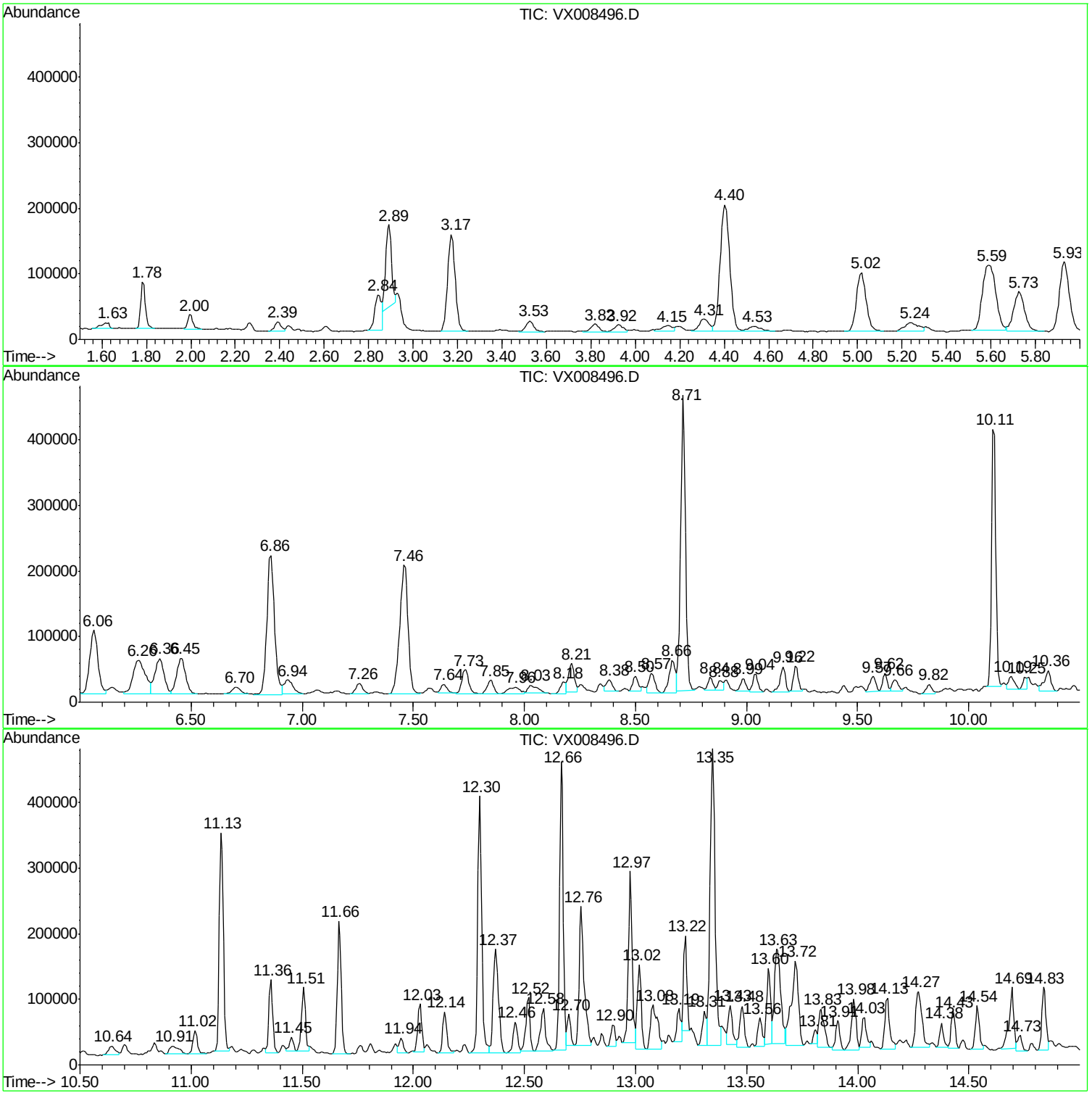
Sum of corrected areas: 14248635

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

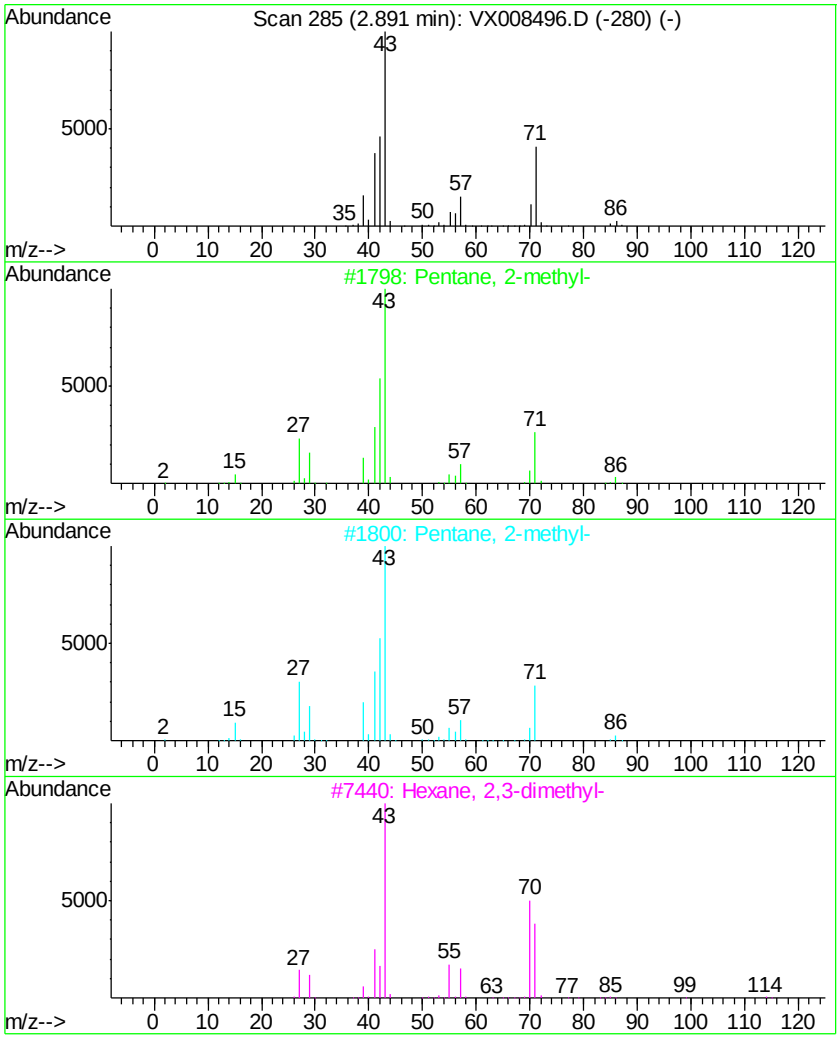
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

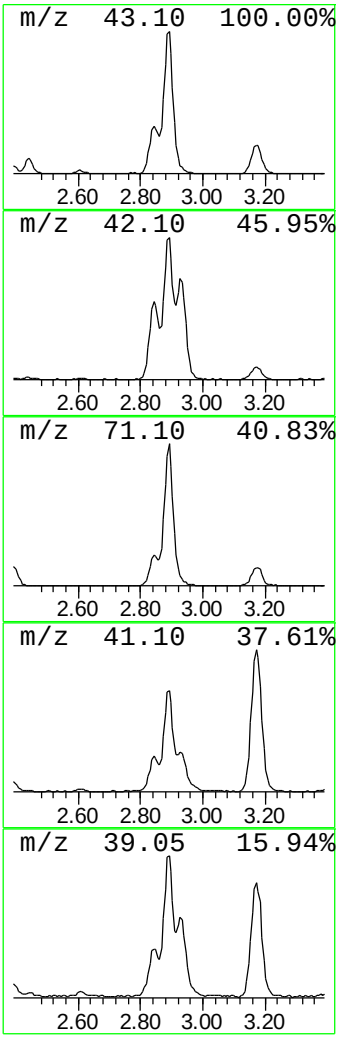
****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	25.76 ug/l	235807	Bromochloromethane	5.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
4	Pentane	72	C5H12	000109-66-0	38
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

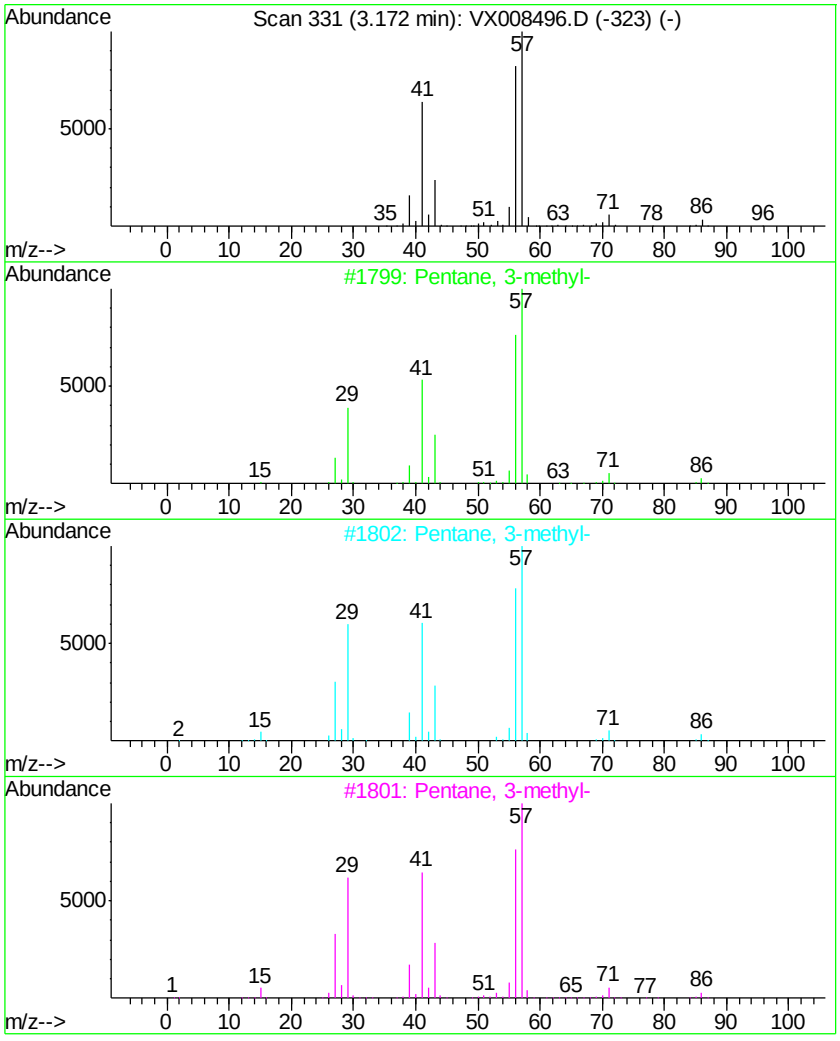
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

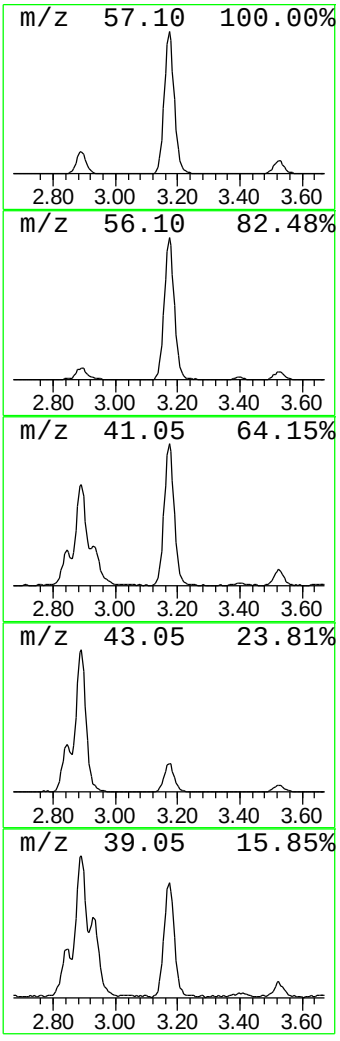
****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	37.40 ug/l	342414	Bromochloromethane	5.02

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	64
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

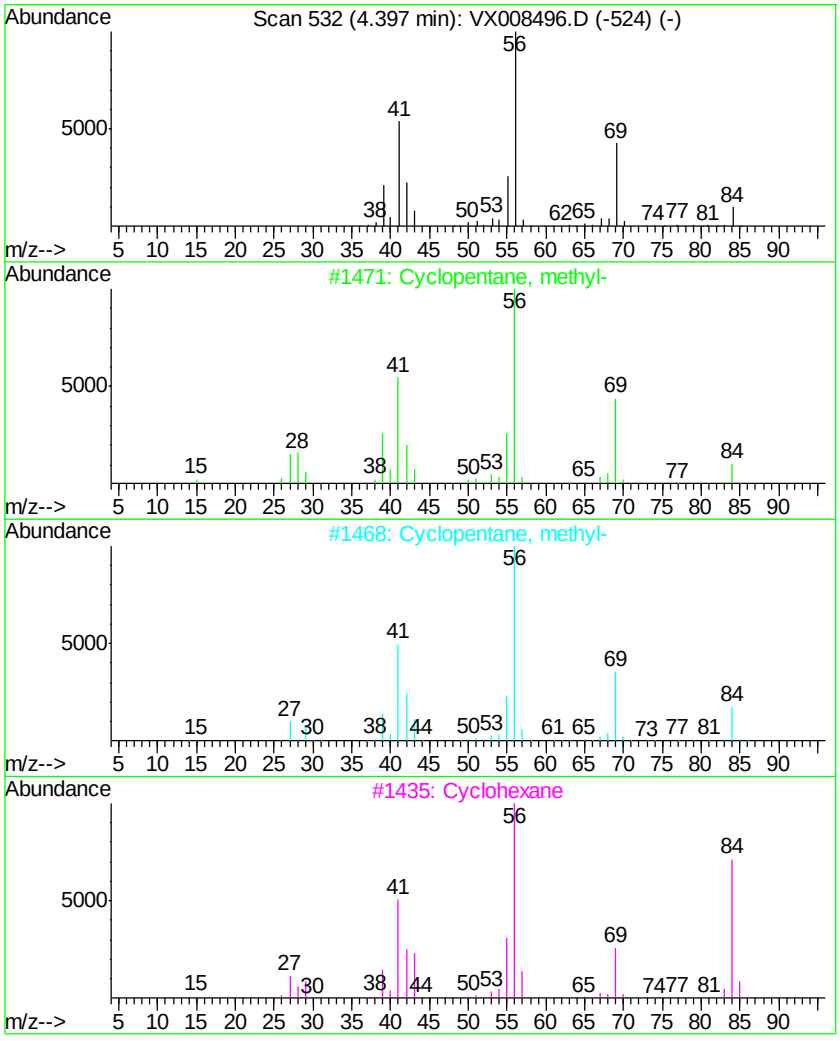
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

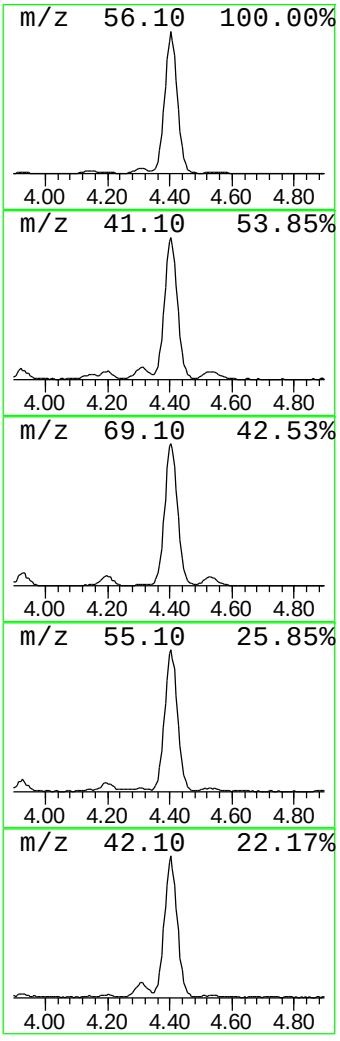
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	62.90 ug/l	575879	Bromochloromethane	5.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

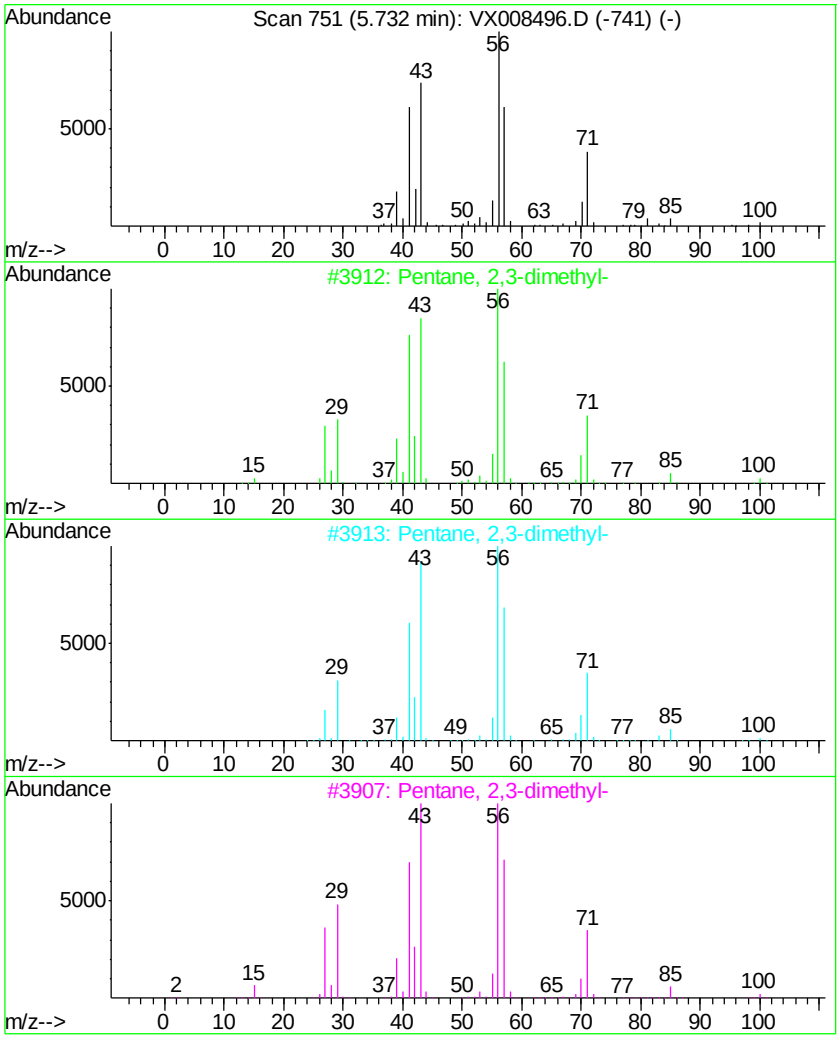
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

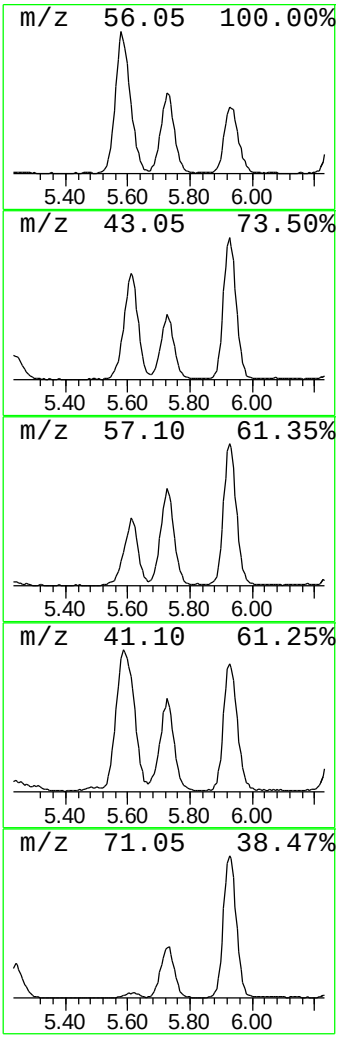
****

Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	22.43 ug/l	205312	Bromochloromethane	5.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

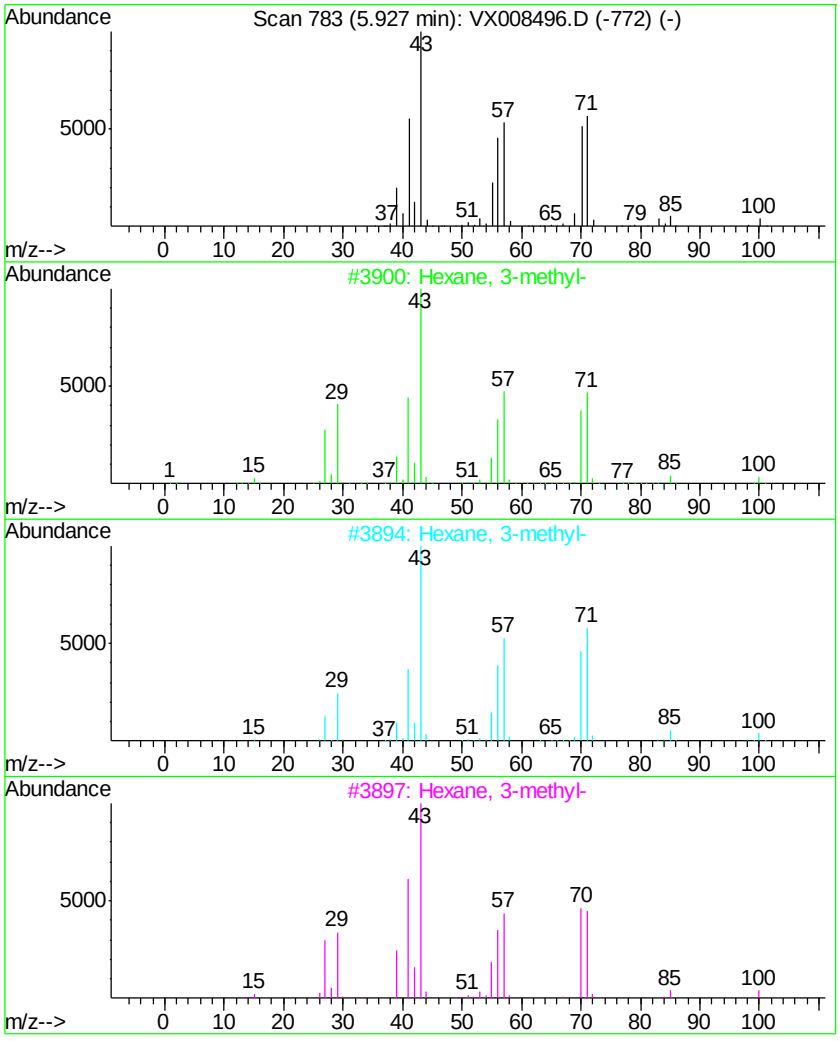
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

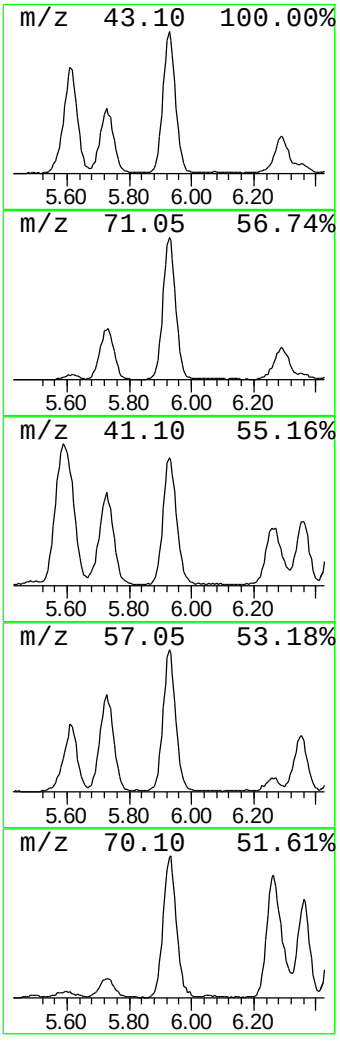
****

Peak Number 5 Hexane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	36.51 ug/l	334280	Bromochloromethane	5.02

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	90
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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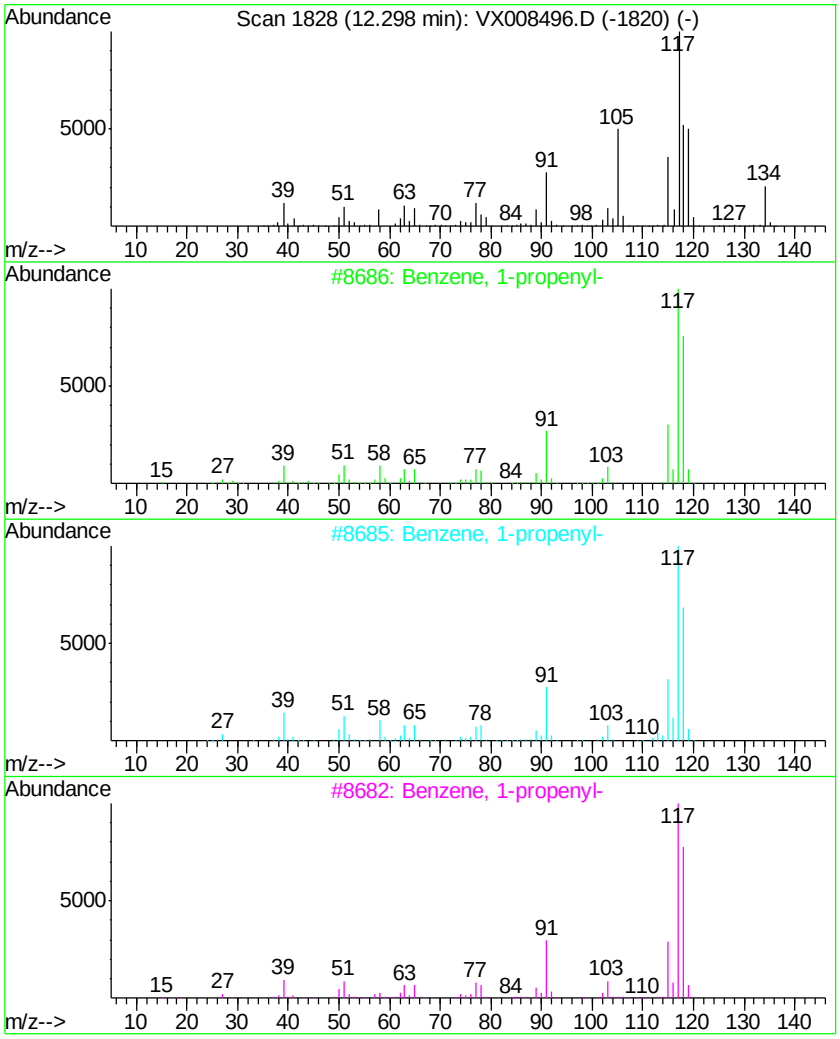
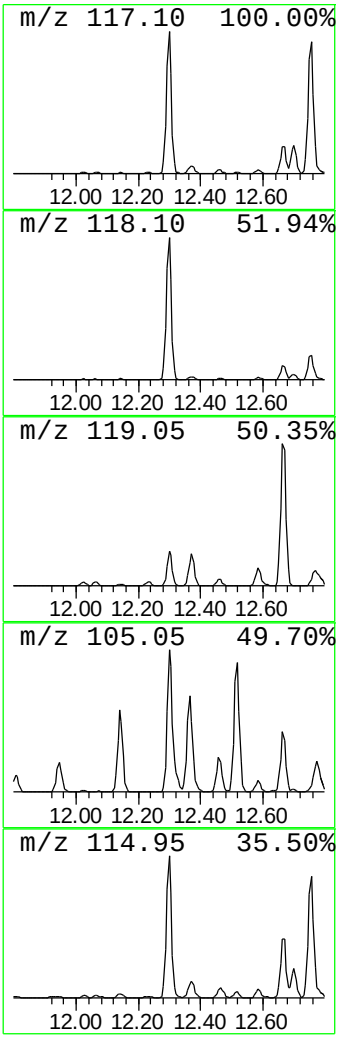
Peak Number 6 Benzene, 1-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	27.91 ug/l	502001	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Deltacyclene	118	C9H10	007785-10-6	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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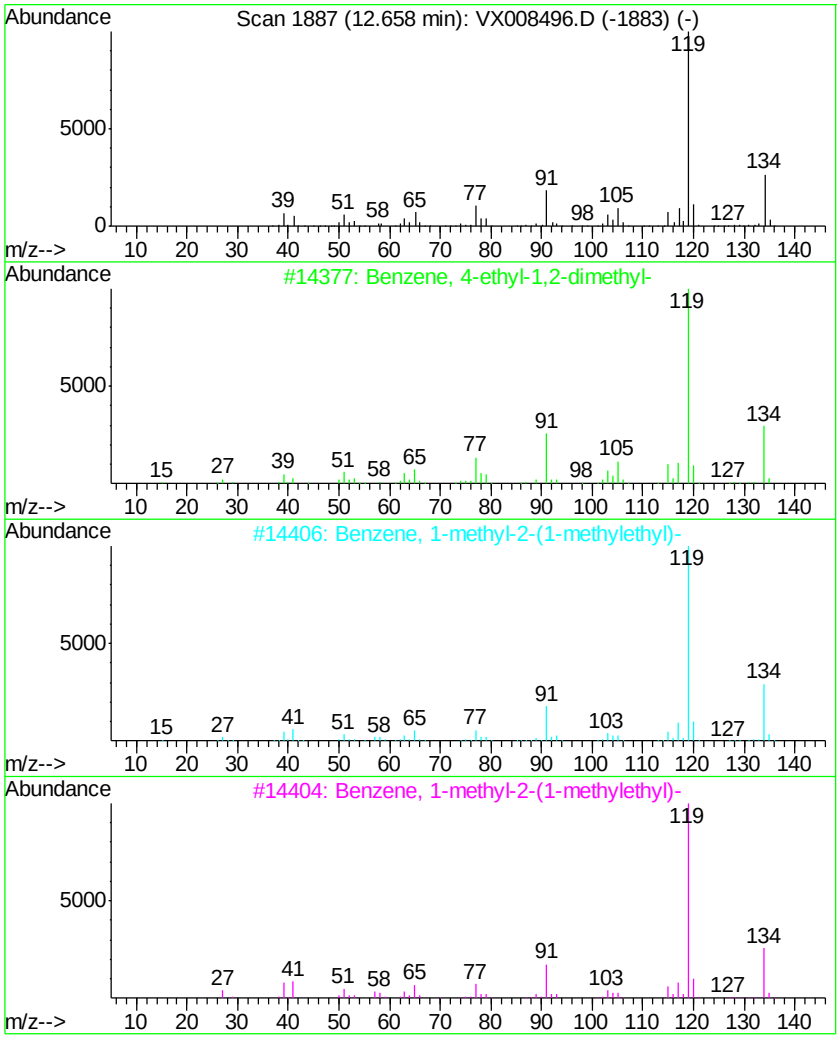
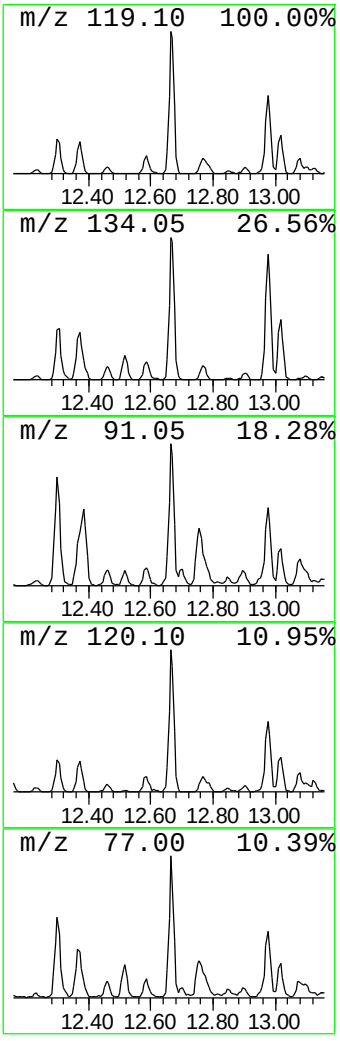
Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	29.55 ug/l	531513	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	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	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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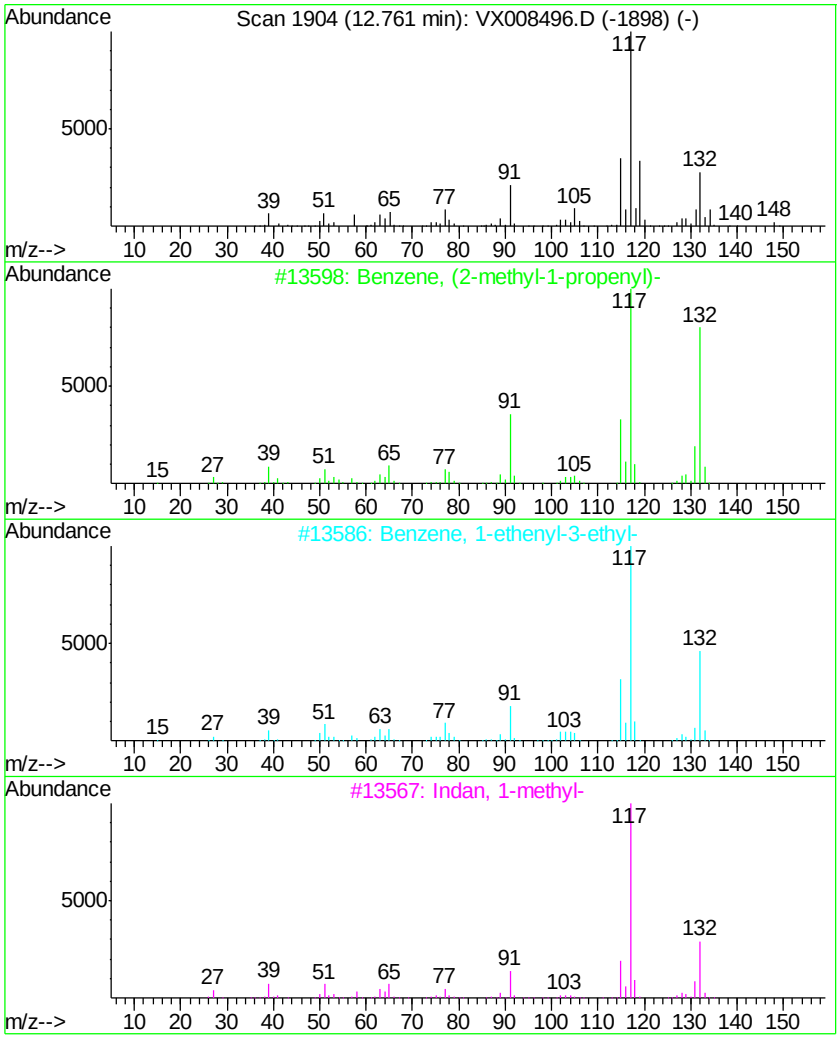
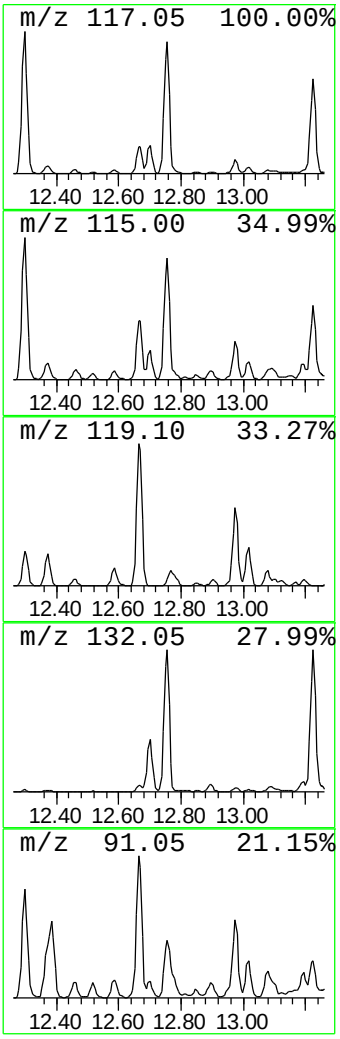
Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	18.70 ug/l	336302	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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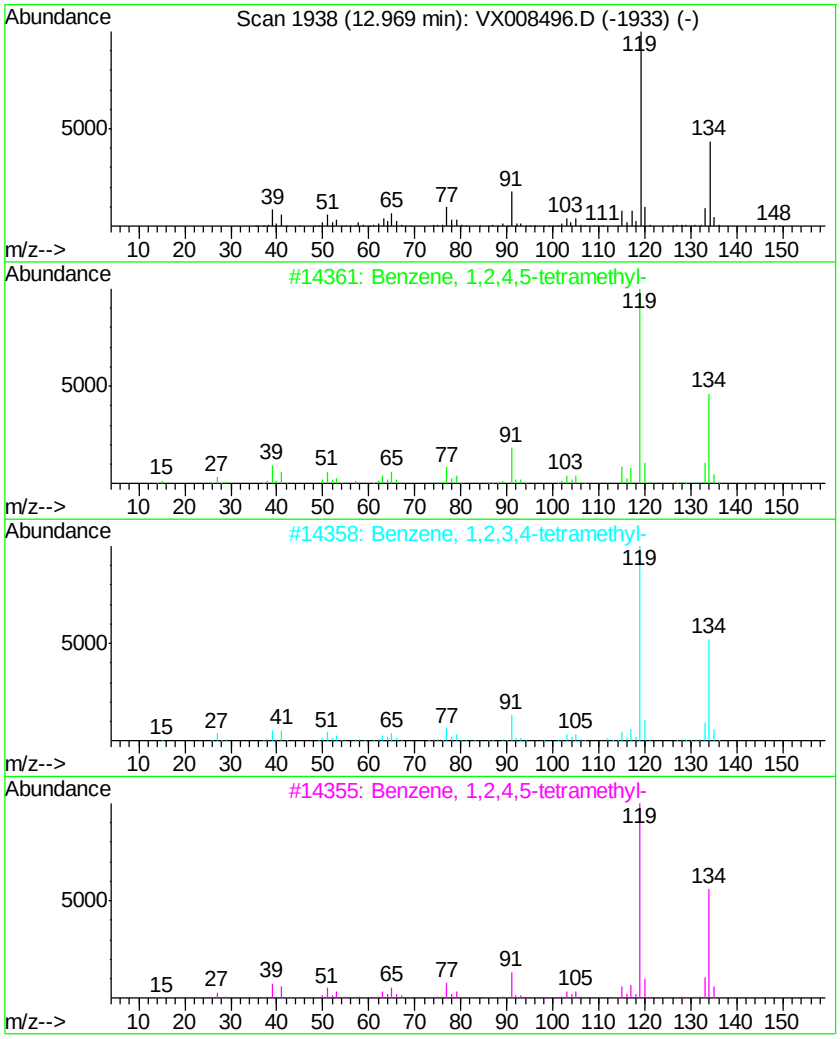
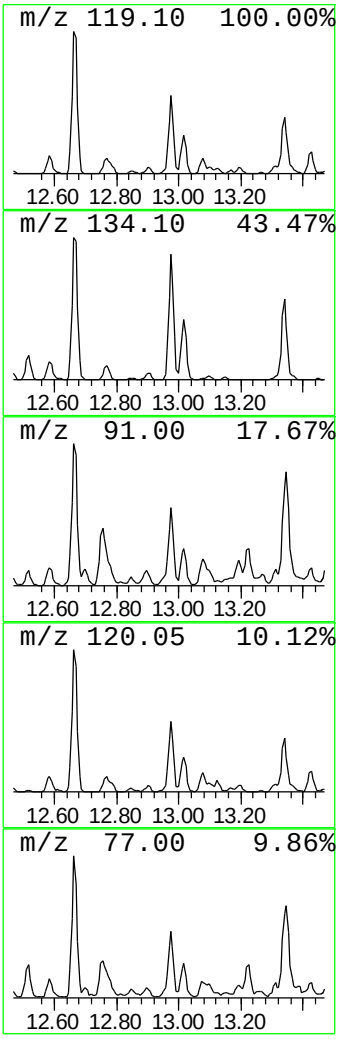
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	18.59 ug/l	334383	Chlorobenzene-d5	10.12

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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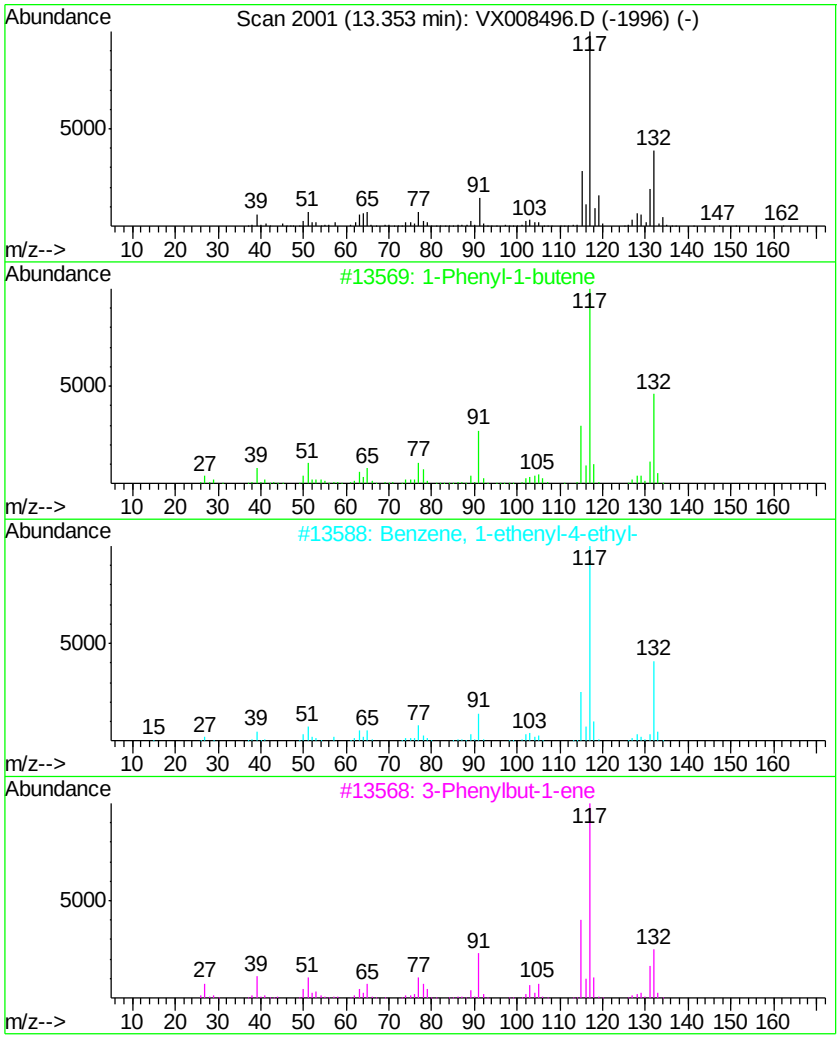
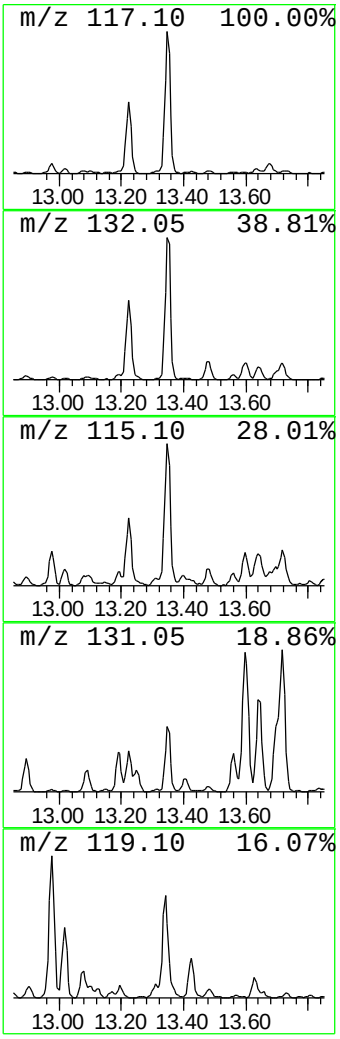
Peak Number 10 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	38.26 ug/l	688153	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032719\
Data File : VX008496.D
Acq On : 27 Mar 2019 20:30
Operator : JC/SP
Sample : K2103-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SHORE-RD-CLVRT-STLD-3H-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-methyl-	2.89	25.8	ug/l	235807	1	5.02	274644	30.0
Pentane, 3-methyl-	3.17	37.4	ug/l	342414	1	5.02	274644	30.0
Cyclopentane, met...	4.40	62.9	ug/l	575879	1	5.02	274644	30.0
Pentane, 2,3-dime...	5.73	22.4	ug/l	205312	1	5.02	274644	30.0
Hexane, 3-methyl-	5.93	36.5	ug/l	334280	1	5.02	274644	30.0
Benzene, 1-propenyl-	12.30	27.9	ug/l	502001	3	10.12	539536	30.0
Benzene, 4-ethyl-...	12.66	29.6	ug/l	531513	3	10.12	539536	30.0
Benzene, (2-methy...	12.76	18.7	ug/l	336302	3	10.12	539536	30.0
Benzene, 1,2,4,5-...	12.97	18.6	ug/l	334383	3	10.12	539536	30.0
1-Phenyl-1-butene	13.35	38.3	ug/l	688153	3	10.12	539536	30.0