LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82X091619W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.070	26	30	42	rBV	672249	807571	94.32%	10.790%
2	1.265	59	62	69	rBV	9746	12716	1.49%	0.170%
3	1.601	109	117	119	rBV8	6721	12424	1.45%	0.166%
4	1.777	142	146	152	rBV	15421	23731	2.77%	0.317%
5	2.381	238	245	250	rBV5	5317	10204	1.19%	0.136%
6	2.832	312	319	326	rBV4	7279	18370	2.15%	0.245%
7	2.923	326	334	342	rVV	43713	88727	10.36%	1.185%
8	3.009	342	348	356	rVB	8782	21604	2.52%	0.289%
9	3.161	365	373	380	rBV3	7590	19084	2.23%	0.255%
10	4.399	562	576	589	rVB2	21744	65026	7.59%	0.869%
11	4.679	614	622	623	rBV2	6825	14637	1.71%	0.196%
12	5.490	743	755	763	rBV	103536	299782	35.01%	4.005%
13	5.575	763	769	774	rVV3	22156	67740	7.91%	0.905%
14	5.649	774	781	800	rVB	126669	371441	43.38%	4.963%
15	5.947	820	830	836	rBV10	2974	8809	1.03%	0.118%
16	6.051	837	847	857	rBV	124567	329575	38.49%	4.403%
17	6.136	858	861	866	rVB2	6537	12332	1.44%	0.165%
18	6.850	968	978	990	rBV	189000	445171	51.99%	5.948%
19	7.447	1069	1076	1088	rVB5	11066	30735	3.59%	0.411%
20	7.843	1134	1141	1148	rBV4	4593	10176	1.19%	0.136%
21	8.026	1165	1171	1178	rVB5	6015	13525	1.58%	0.181%
22	8.392	1224	1231	1236	rBV4	7289	15323	1.79%	0.205%
23	8.709	1277	1283	1295	rVV	543028	856225	100.00%	11.440%
24	8.831	1299	1303	1311	rVB	20277	35760	4.18%	0.478%
25	9.038	1331	1337	1344	rVB2	22509	38437	4.49%	0.514%
26	9.160	1350	1357	1363	rBV4	6659	12455	1.45%	0.166%
27	9.569	1418	1424	1429	rBV5	7823	12502	1.46%	0.167%
28	9.672	1435	1441	1446	rBV2	30179	47373	5.53%	0.633%
29	10.111	1507	1513	1521	rBV	372429	533722	62.33%	7.131%
30	10.178	1522	1524	1529	rVV5	7287	11055	1.29%	0.148%
31	10.245	1530	1535	1540	rVV	14210	23612	2.76%	0.315%
32	10.349	1544	1552	1558	rVV5	21458	55767	6.51%	0.745%
33	10.507	1574	1578	1583	rVB	9005	13778	1.61%	0.184%
34	10.623	1590	1597	1599	rBV6	5822	10937	1.28%	0.146%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\82X091619W.M
Title : SW846 8260

35	10.654	1599	1602	1607	rVB2	14406	22490	2.63%	0.300%
36	10.703	1607	1610	1619	rVB6	3924	8669	1.01%	0.116%
37	10.794	1619	1625	1628	rBV5	4578	9004	1.05%	0.120%
38	10.910	1639	1644	1647	rBV6	5561	9864	1.15%	0.132%
39	11.013	1656	1661	1666	rBV	82104	106519	12.44%	1.423%
40	11.135	1675	1681	1686	rBV	446010	584906	68.31%	7.815%
41	11.172	1686	1687	1693	rVV5	9857	14548	1.70%	0.194%
42	11.270	1695	1703	1708	rVV6	13511	30016	3.51%	0.401%
43	11.355	1712	1717	1724	rVB	64500	82660	9.65%	1.104%
44	11.477	1735	1737	1744	rVB7	6173	10007	1.17%	0.134%
45	11.690	1765	1772	1777	rVB8	6740	13952	1.63%	0.186%
46	11.763	1777	1784	1787	rBV4	11255	19970	2.33%	0.267%
47	11.800	1787	1790	1795	rVB	19399	25357	2.96%	0.339%
48	11.916	1802	1809	1810	rBV3	12523	19466	2.27%	0.260%
49	11.940	1810	1813	1820	rVB	34444	50439	5.89%	0.674%
50	12.074	1830	1835	1841	rBV	509984	619912	72.40%	8.282%
51	12.135	1841	1845	1850	rVB	153618	193136	22.56%	2.580%
52	12.227	1856	1860	1864	rBV	15133	17965	2.10%	0.240%
53	12.294	1866	1871	1876	rVV	168381	207276	24.21%	2.769%
54	12.367	1879	1883	1891	rVB	23158	42164	4.92%	0.563%
55	12.458	1894	1898	1903	rBV	9969	16092	1.88%	0.215%
56	12.513	1903	1907	1910	rBV4	8320	12981	1.52%	0.173%
57	12.580	1914	1918	1923	rVB6	4672	8651	1.01%	0.116%
58	12.641	1923	1928	1930	rBV6	7448	14425	1.68%	0.193%
59	12.696	1934	1937	1943	rVV3	34836	64402	7.52%	0.860%
60	12.751	1943	1946	1953	rVV4	21025	41033	4.79%	0.548%
61	12.812	1953	1956	1961	rVV	10823	14509	1.69%	0.194%
62	12.867	1961	1965	1967	rVV	12733	19578	2.29%	0.262%
63	12.891	1967	1969	1974	rVB4	16681	22107	2.58%	0.295%
64	12.952	1975	1979	1980	rBV2	10982	13129	1.53%	0.175%
65	12.977	1980	1983	1987	rVV6	12607	20019	2.34%	0.267%
66	13.013	1987	1989	1994	rVB4	6986	9705	1.13%	0.130%
67	13.086	1994	2001	2005	rBV3	19938	31566	3.69%	0.422%
68	13.190	2012	2018	2020	rBV2	18112	24049	2.81%	0.321%
69	13.220	2020	2023	2025	rVV	22879	27640	3.23%	0.369%
70	13.245	2025	2027	2032	rVB	17591	20712	2.42%	0.277%
71	13.300	2032	2036	2039	rBV	11166	15475	1.81%	0.207%

LSC Area Percent Report

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Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Title : SW846 8260

72	13.342	2039	2043	2049	rVV3	44884	64389	7.52%	0.860%
73	13.397	2049	2052	2056	rVB4	7147	10224	1.19%	0.137%
74	13.476	2056	2065	2070	rBV5	22509	44020	5.14%	0.588%
75	13.562	2074	2079	2081	rBV	10126	13191	1.54%	0.176%
76	13.641	2087	2092	2094	rBV4	10977	18198	2.13%	0.243%
77	13.678	2094	2098	2099	rVV2	15811	24305	2.84%	0.325%
78	13.714	2102	2104	2113	rVB	40899	55939	6.53%	0.747%
79	13.830	2115	2123	2131	rVB	125245	186660	21.80%	2.494%
80	13.909	2131	2136	2140	rBV7	5970	9677	1.13%	0.129%
81	13.976	2143	2147	2151	rVB	19283	24349	2.84%	0.325%
82	14.025	2151	2155	2158	rBV2	11125	17474	2.04%	0.233%
83	14.062	2159	2161	2167	rVB4	7826	11483	1.34%	0.153%
84	14.123	2167	2171	2174	rBV5	6054	10720	1.25%	0.143%
85	14.159	2174	2177	2179	rVV4	9162	12620	1.47%	0.169%
86	14.428	2216	2221	2225	rVB3	12228	18020	2.10%	0.241%
87	14.537	2235	2239	2247	rVB4	12494	21973	2.57%	0.294%
88	14.647	2252	2257	2259	rBV6	6197	12108	1.41%	0.162%
89	14.690	2261	2264	2267	rVV	11049	14476	1.69%	0.193%
90	14.726	2267	2270	2274	rVV2	14209	18195	2.13%	0.243%
91	14.775	2275	2278	2282	rVB2	6709	9812	1.15%	0.131%
92	14.836	2282	2288	2293	rBV2	29417	45472	5.31%	0.608%
93	14.964	2302	2309	2317	rVB2	5489	15096	1.76%	0.202%
94	15.385	2374	2378	2383	rBV8	6635	11623	1.36%	0.155%

Sum of corrected areas: 7484743

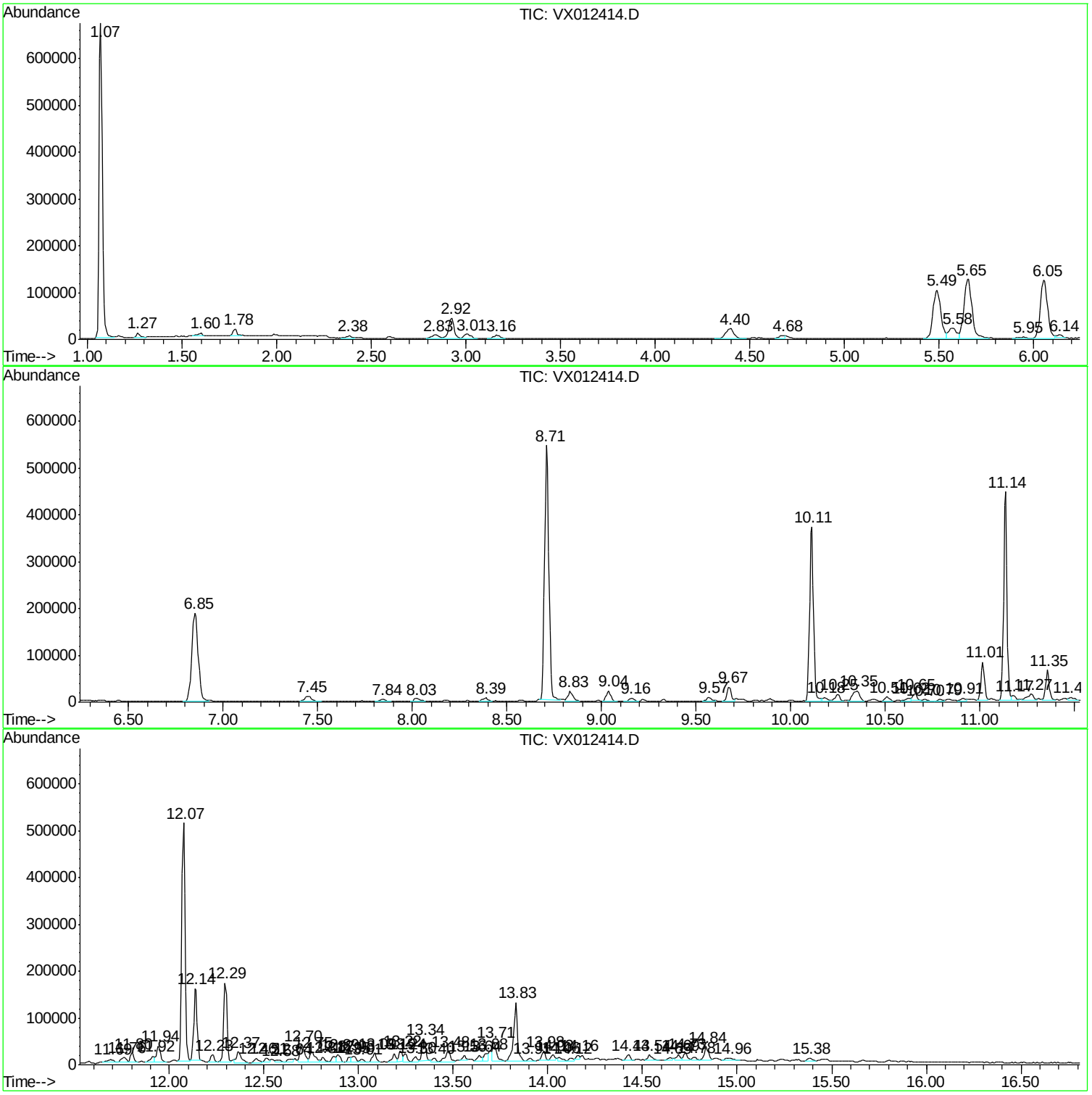
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
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Quant Title : SW846 8260

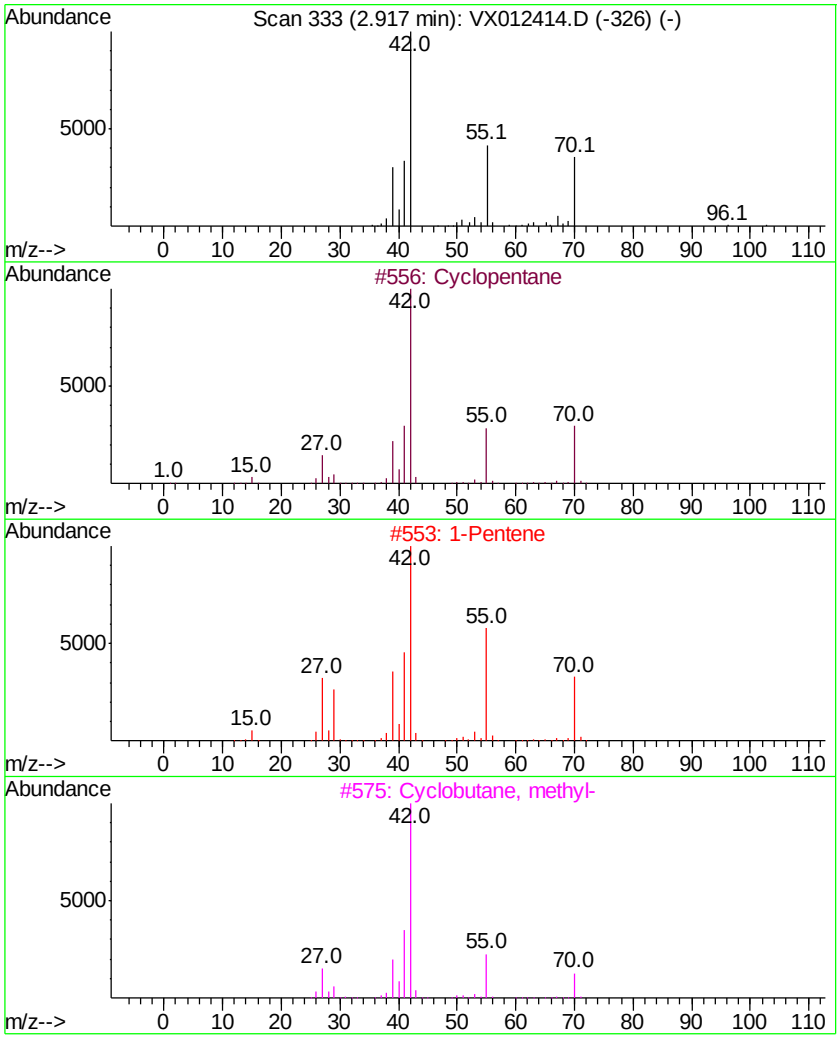
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

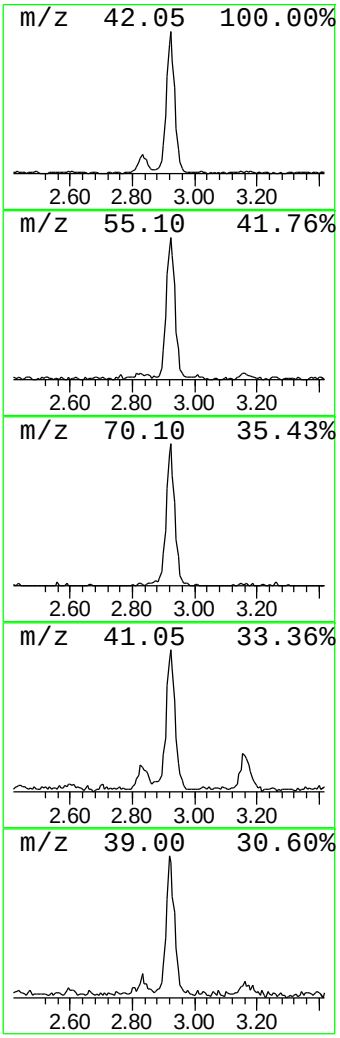
****

Peak Number 2 Cyclopentane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	11.94 ug/l	88727	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	1-Pentene	70	C5H10	000109-67-1	86
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	45
5	3-Buten-1-ol	72	C4H8O	000627-27-0	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

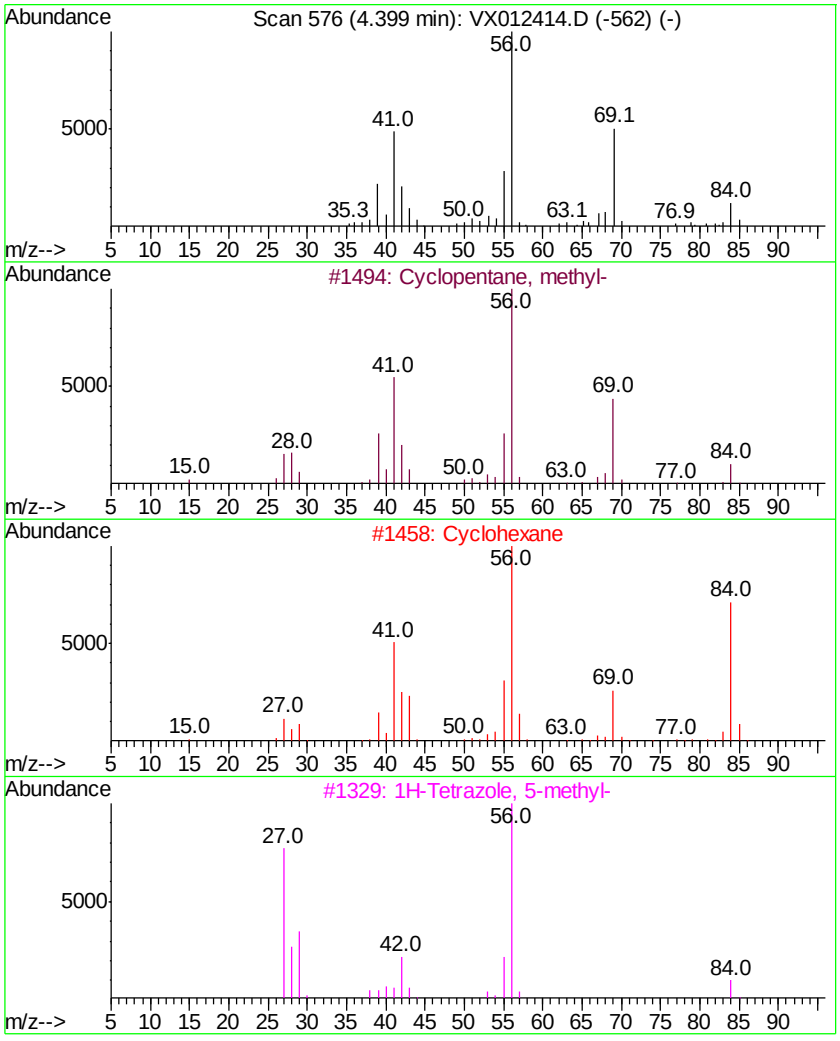
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

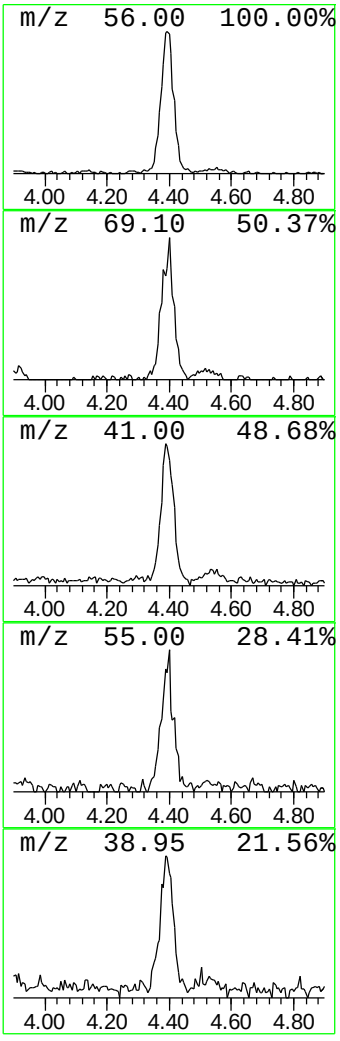
****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	8.75 ug/l	65026	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	58
5	4-Penten-2-ol, 4-methyl-	100	C6H12O	002004-67-3	50





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Data File : VX012414.D
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Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

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

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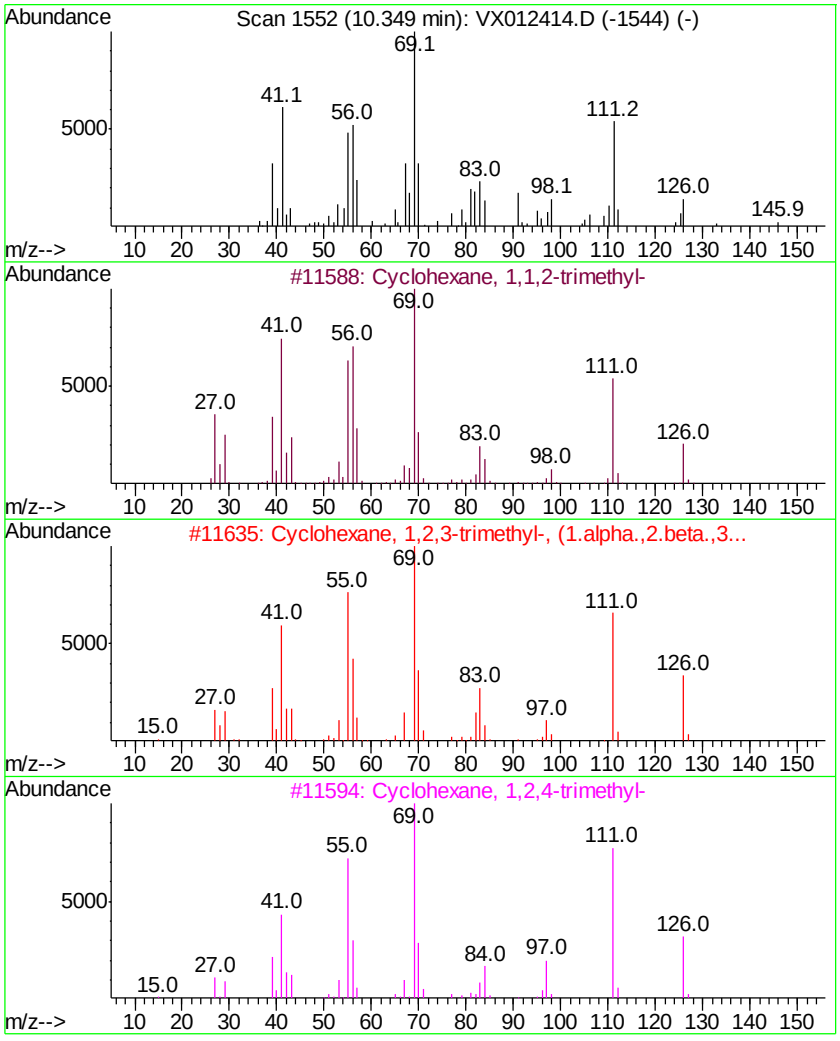
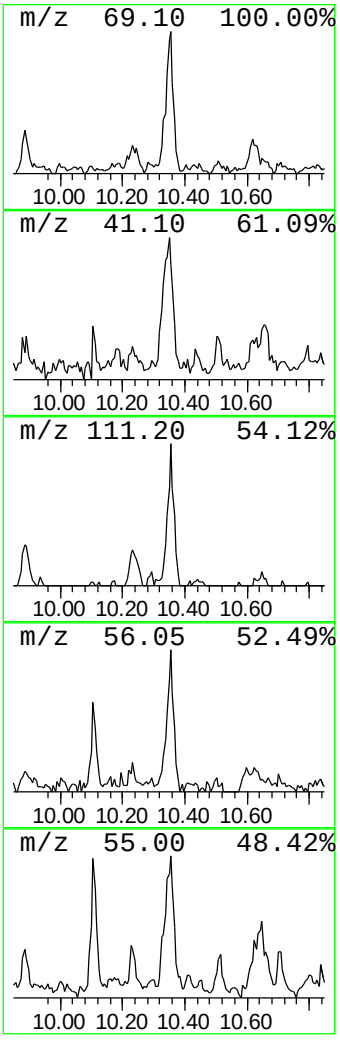
Peak Number 4 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.22 ug/l	55767	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	90
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	72
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	55
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

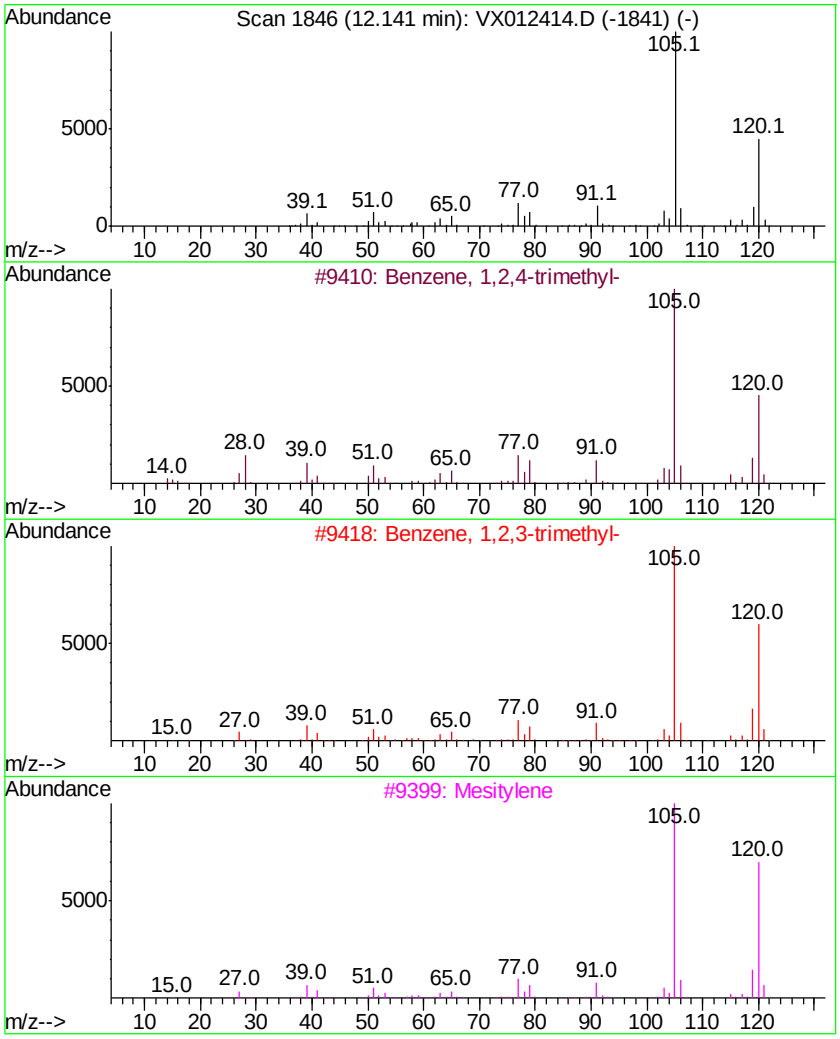
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

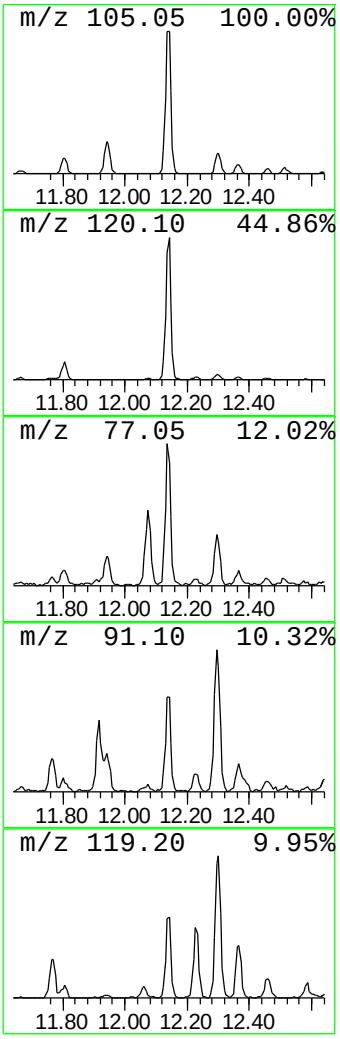
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	15.58 ug/l	193136	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

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Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

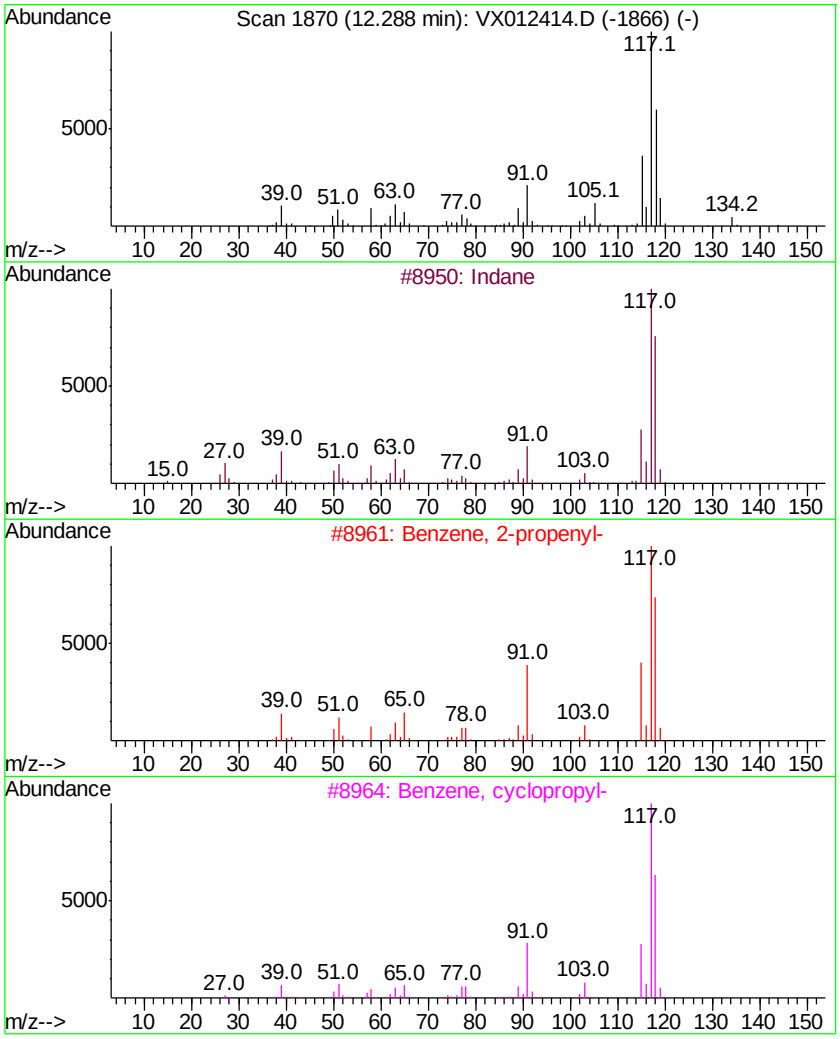
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

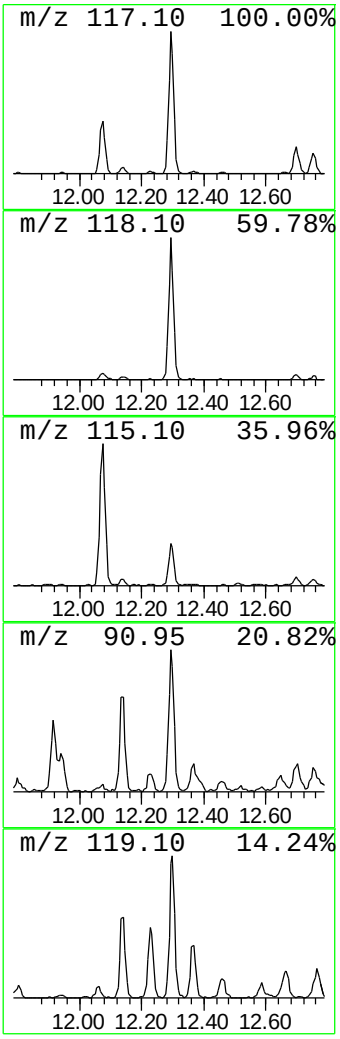
****

Peak Number 6 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	16.72 ug/l	207276	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

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

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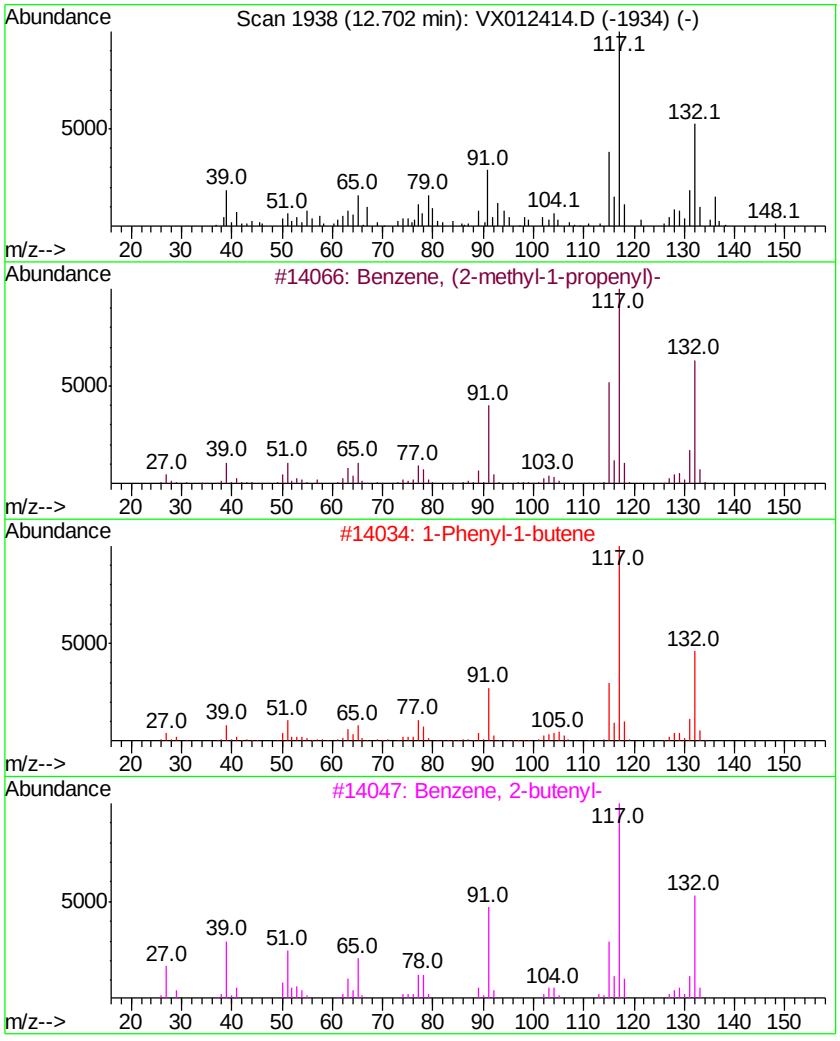
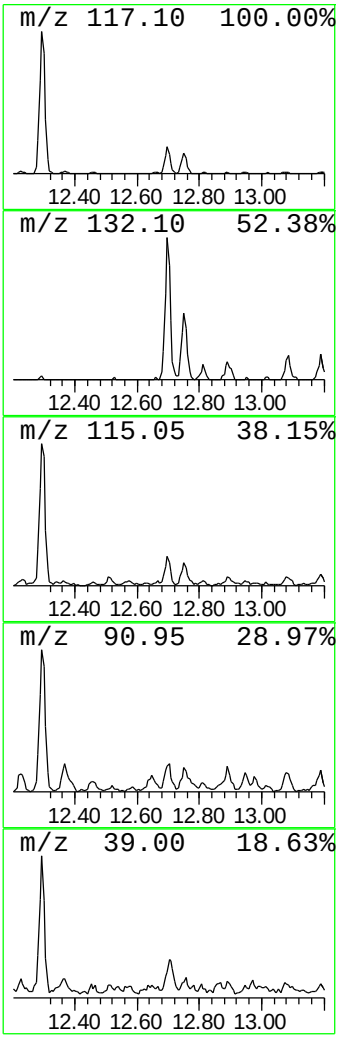
Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.19 ug/l	64402	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

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

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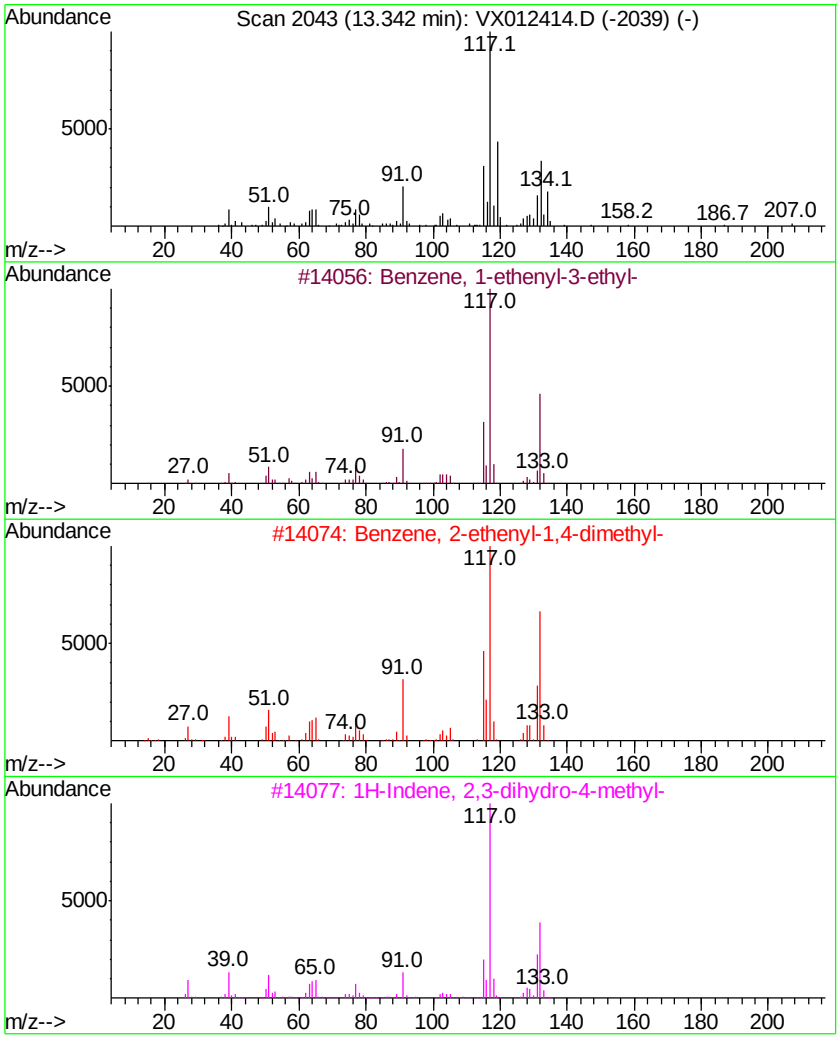
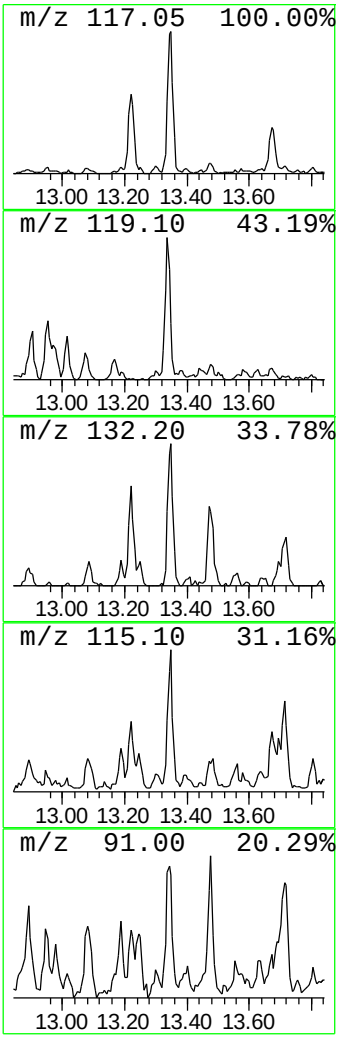
Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.19 ug/l	64389	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012414.D
Acq On : 16 Sep 2019 18:42
Operator : JC/SP
Sample : K4830-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S13-0276

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane	2.92	11.9	ug/l	88727	1	5.65	371441	50.0
Cyclopentane, met...	4.40	8.8	ug/l	65026	1	5.65	371441	50.0
Cyclohexane, 1,1,...	10.35	5.2	ug/l	55767	3	10.11	533722	50.0
Benzene, 1,2,4-tr...	12.14	15.6	ug/l	193136	4	12.07	619912	50.0
Indane	12.29	16.7	ug/l	207276	4	12.07	619912	50.0
Benzene, (2-methy...	12.70	5.2	ug/l	64402	4	12.07	619912	50.0
Benzene, 1-etheny...	13.34	5.2	ug/l	64389	4	12.07	619912	50.0